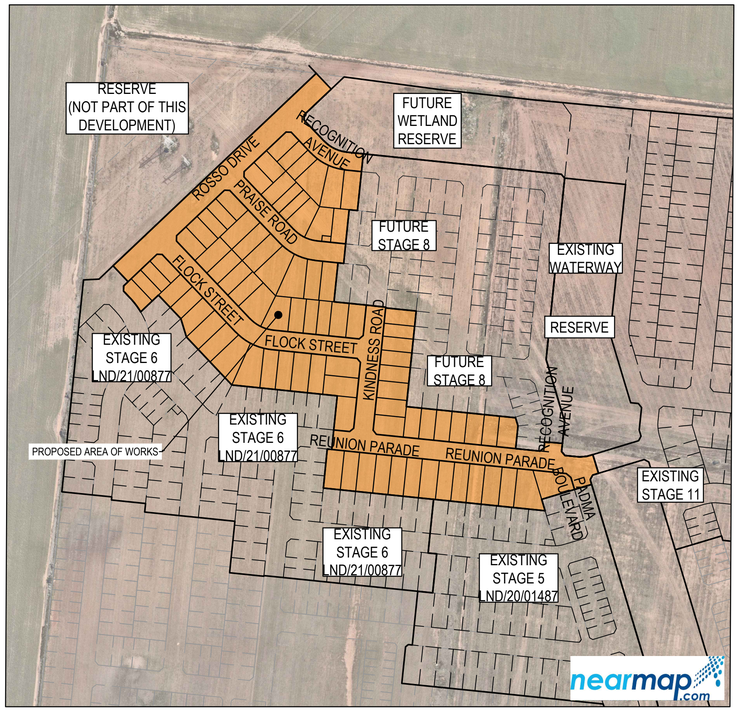
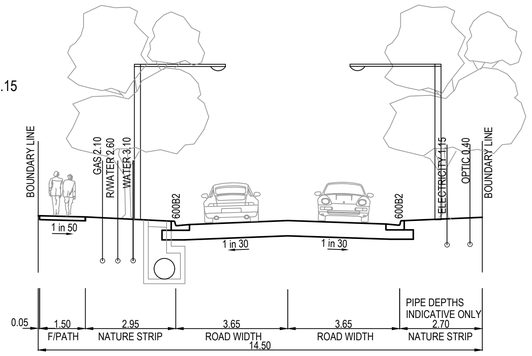
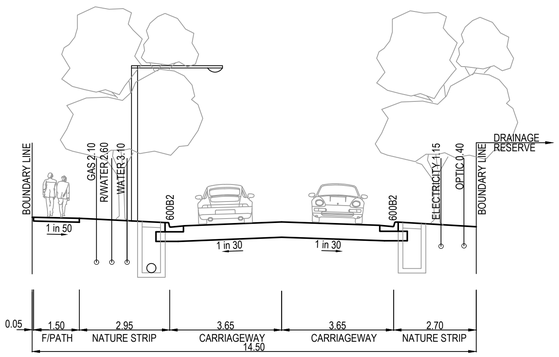
Marigold, Stage 7



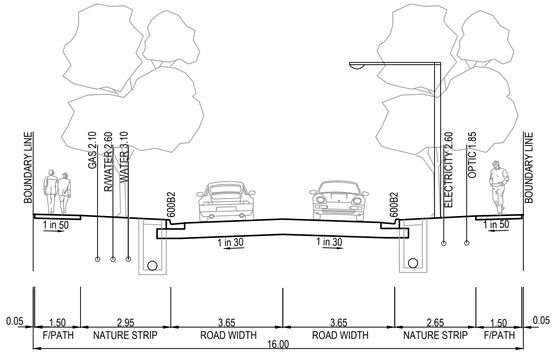
Drawing Index



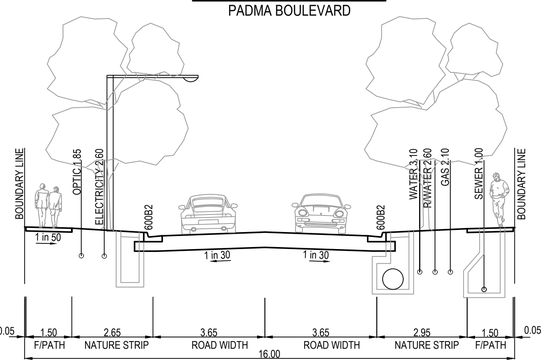
14.5m ROAD RESERVE
PADMA BOULEVARD



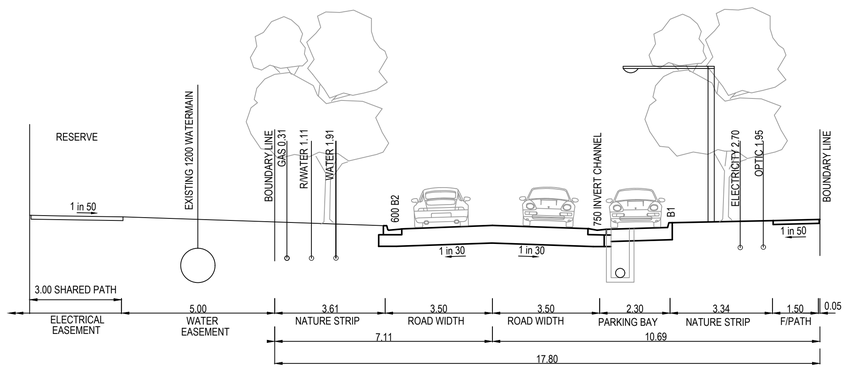
14.5m ROAD RESERVE
RECOGNITION AVENUE



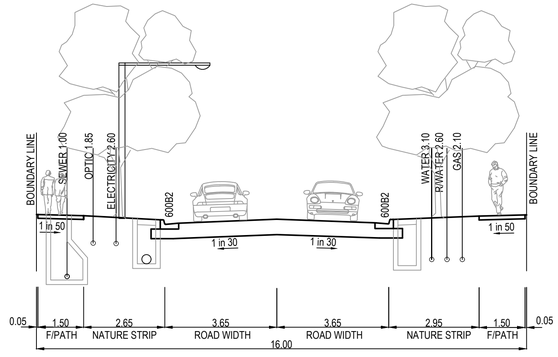
16m ROAD RESERVE
FLOCK STREET & PRAISE ROAD



16m ROAD RESERVE
REUNION PARADE



17.8m ROAD RESERVE
ROSSO DRIVE



16m ROAD RESERVE
KINDNESS ROAD

GENERAL NOTES (WYNDHAM CITY COUNCIL)

1. THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDCM ADDENDUM STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
2. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
3. THE CONTRACTOR SHALL:
   - 3.1. COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
   - 3.2. NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF THEIR INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
   - 3.3. ENSURE THAT THE MINE MANAGER OR THEIR DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
4. THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVENT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
6. TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY COUNCIL'S SUPERVISING OFFICER.
7. ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
8. CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS E,G,H,R,T&W ABOVE CONDUIT LOCATIONS AS SPECIFIED. RESPECTIVE LETTERS TO BE INDICATED ABOVE RELEVANT CONDUITS AS PER STANDARD DRAWING EDCM 303. CONDUITS TO BE PLACED MINIMUM OF 5m FROM BOUNDARIES WHERE POSSIBLE AND TO THE SATISFACTION OF THE SUPERINTENDENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS.
9. SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL AS PER STANDARD DRAWINGS EDCM 202 (EXPANSIVE SUBGRADE).
10. ALL LINEMARKING, SIGNING AND TRAFFIC CONTROL DEVICES TO BE IN ACCORDANCE WITH VICROADS REQUIREMENTS WITH LATERAL WORKS AND 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 6.00m FROM THE SIDE BOUNDARY U.N.O.
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.

GAS - STANDARD NOTES

1. GAS MAINS, FITTINGS AND MARKER TAPE ARE TO BE SUPPLIED BY THE GAS AUTHORITY.
2. 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.

WARNING
SAFETY MEASURES REQUIRED
Please note there are risks attached to the construction of this project, and any ongoing maintenance of structures. Consider the safety of all. For potential risks, consequences and controls refer to Safety In Design Risk Register SID P4.E6. 2360E-06-500
ASSESS THE RISK - STAY SAFE

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
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Locate all underground services before commencement of works
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AS CONSTRUCTED PLANS
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PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

AS CONSTRUCTED

0 25 50 100
Scale 1:2500
SCALE AS SHOWN AT A1

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Melbourne, VIC 3008
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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cover Plan & General Notes

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
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DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-101.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:31:47 AM

ROAD LAYOUT TABLE								
ROAD NAME	ROAD RESERVE WIDTH (m)	ROAD WIDTH (m)			KERB TYPE		VERGE WIDTH (m)	
		LIP TO LIP	INV TO INV	BACK TO BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST
ROSSO DRIVE	17.80	8.95	9.45	9.75	B1	600 B2	3.46	4.89
RECOGNITION AVENUE	14.50	6.40	7.30	7.60	600 B2	600 B2	2.70	4.50
PRAISE ROAD	16.00	6.40	7.30	7.60	600 B2	600 B2	4.20	4.50
FLOCK STREET	16.00	6.40	7.30	7.60	600 B2	600 B2	4.20	4.50
KINDNESS ROAD	16.00	6.40	7.30	7.60	600 B2	600 B2	4.20	4.50
REUNION ROAD	16.00	6.40	7.30	7.60	600 B2	600 B2	4.20	4.50
PADMA BOULEVARD	14.50	6.40	7.30	7.60	600B2	600B2	4.50	2.70

SERVICES OFFSET TABLE					
ROAD NAME	GAS	WATER	RECYCLED WATER	ELECTRICITY	OPTIC FIBRE
	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)
ROSSO DRIVE	0.31 W	1.91 W	1.11 W	2.70 E	1.95 E
RECOGNITION AVENUE	2.10 S&W	3.10 S&W	2.60 S&W	1.15 N&E	0.40 N&E
PRAISE ROAD	2.10 S	3.10 S	2.60 S	2.60 N	1.85 N
FLOCK STREET	2.10 S	3.10 S	2.60 S	2.60 N	1.85 N
KINDNESS ROAD	2.10 E	3.10 E	2.60 E	2.60 W	1.85 W
REUNION ROAD	2.10 N	3.10 N	2.60 N	2.60 S	1.85 S
PADMA BOULEVARD	2.10 W	3.12 W	2.57 W	1.15 E	0.40 E

RAISED PAVEMENT - REFER TO DETAILS ON SHEET 25

RESERVE BOUNDARY

FUTURE WETLAND RESERVE

ELECTRICITY EASEMENT (5m WIDE)

WATER SUPPLY EASEMENT (5m WIDE)

1.8m HIGH CYCLONE WIRE FENCE INSTALLED ALONG FUTURE WETLAND BOUNDARY WITH ACCESS GATE AT END OF ROSSO DRIVE

CONNECT TO EXISTING DRAIN

EXISTING STAGE 6 LND/21/00877

FUTURE STAGE 8

FUTURE STAGE 8

2.0m ELEC. EASEMENT RESERVE

ELECTRICAL RESERVE

PROVIDE COLLAPSIBLE BOLLARD

PROVIDE TIMBER PALING FENCE

PROVIDE BOLLARDS AT 1.5m CENTRES

PROVIDE TIMBER PALING FENCE

LIMIT OF WORKS

REFER SHEET 2360E-007-112 FOR CONTINUATION

LEGEND - LAYOUT PLAN

ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
H	HOUSE DRAIN
E	ELECTRICITY (U.GROUND)
O/H	ELECTRICITY (O.HEAD)
G	GAS
T	TELSTRA
O	OPTIC FIBRE
W	WATER
RW	RECYCLE WATER
Ag	AG. DRAIN
GW	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
Ex S	EXISTING SEWER & MAINTENANCE STRUCTURES
Ex H	EXISTING HOUSE DRAIN
Ex E	EXISTING ELECTRICITY (UNDER GROUND)
Ex O/H E	EXISTING ELECTRICITY OVERHEAD
Ex G	EXISTING GAS
Ex T	EXISTING TELSTRA
Ex O	EXISTING OPTIC FIBRE
Ex W	EXISTING WATER
Ex RW	EXISTING RECYCLED WATER
Ex Ag	EXISTING AG. DRAIN
GWR	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
Fut D	FUTURE STORMWATER DRAIN
	FUTURE SWALE DRAIN
FUT S	FUTURE SEWER & MAINTENANCE STRUCTURES
Fut H	FUTURE HOUSE DRAIN
Fut E	FUTURE ELECTRICITY (UNDER GROUND)
Fut O/H E	FUTURE ELECTRICITY OVERHEAD
Fut G	FUTURE GAS
Fut T	FUTURE TELSTRA
Fut O	FUTURE OPTIC FIBRE
Fut W	FUTURE WATER
Fut RW	FUTURE RECYCLED WATER
Fut Ag	FUTURE AG. DRAIN
GWR	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
	ZERO LOT LINES
141.34	EXISTING SURFACE LEVEL
FS140.35	FINISHED BUILDING LINE LEVEL
FR157.40	FINISHED RIDGE LINE LEVEL
CH270.00	CHAINAGE
	STRUCTURAL FILL > 200mm DEEP
	EXISTING STRUCTURAL FILL > 200mm DEEP
	CUT > 200mm DEEP
	DIRECTION OF FALL
	OVERLAND FLOW
	GRADED IN DIRECTION OF FALL TO LEVEL INDICATED
	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	EXISTING TREE TO BE RETAINED
	EXISTING TREE TO BE REMOVED
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED SHARED FOOTPATH
	EXISTING ROAD PAVING
	3m DIAMETER TREE ZONE
	CYCLONE WIRE FENCE

WARNING

BEWARE OF UNDERGROUND SERVICES

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PERMIT REF. NO.	WYP10365/17.01

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0 5 10 20
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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Layout Plan - 1

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
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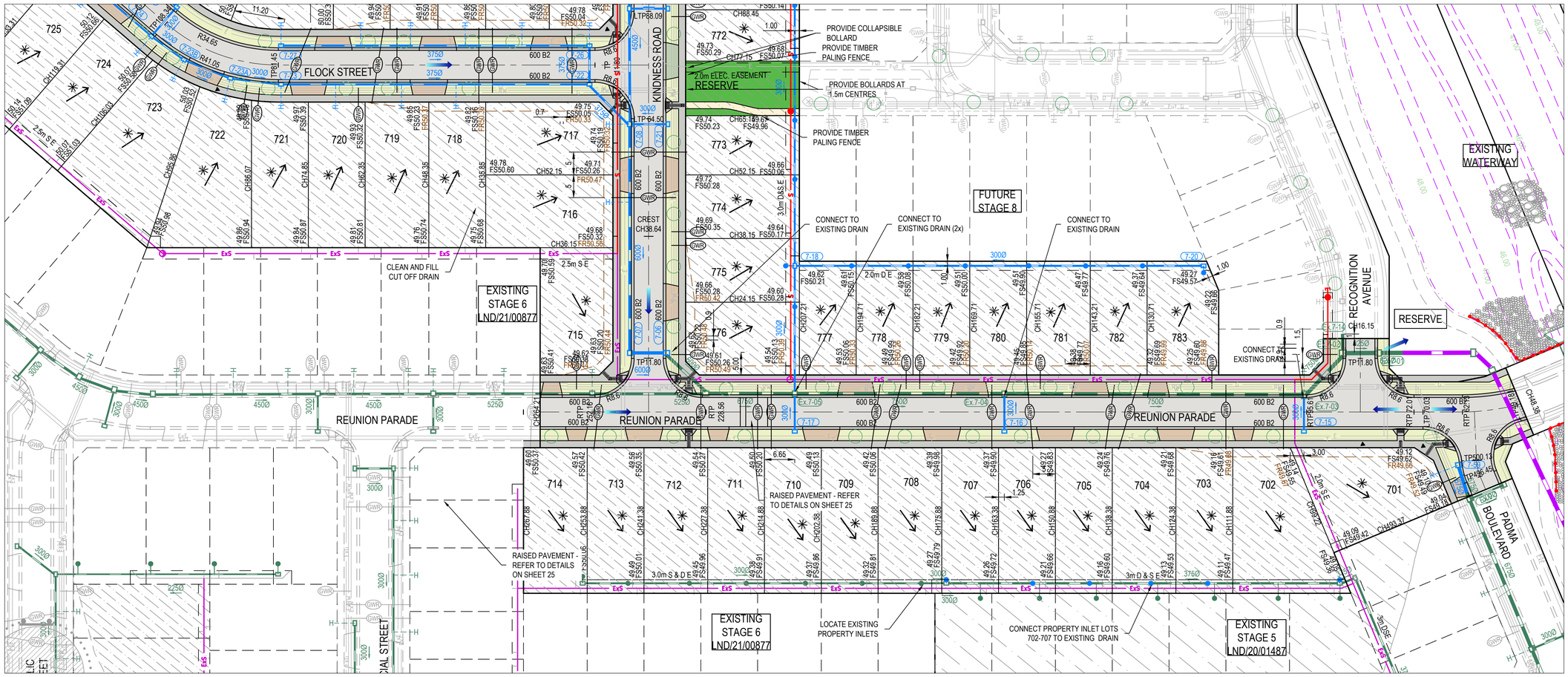

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G	GAS
T	TELSTRA
O	OPTIC FIBRE
W	WATER
RW	RECYCLE WATER
Ag	AG. DRAIN
GW	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
Ex S	EXISTING SEWER & MAINTENANCE STRUCTURES
Ex H	EXISTING HOUSE DRAIN
Ex E	EXISTING ELECTRICITY (UNDER GROUND)
Ex O/H E	EXISTING ELECTRICITY OVERHEAD
Ex G	EXISTING GAS
Ex T	EXISTING TELSTRA
Ex O	EXISTING OPTIC FIBRE
Ex W	EXISTING WATER
Ex RW	EXISTING RECYCLED WATER
Ex.Ag	EXISTING AG. DRAIN
GW	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
Fut D	FUTURE STORMWATER DRAIN
	FUTURE SWALE DRAIN
FUT S	FUTURE SEWER & MAINTENANCE STRUCTURES
Fut H	FUTURE HOUSE DRAIN
Fut E	FUTURE ELECTRICITY (UNDER GROUND)
Fut O/H E	FUTURE ELECTRICITY OVERHEAD
Fut G	FUTURE GAS
Fut T	FUTURE TELSTRA
Fut O	FUTURE OPTIC FIBRE
Fut W	FUTURE WATER
Fut RW	FUTURE RECYCLED WATER
Fut Ag	FUTURE AG. DRAIN
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AS CONSTRUCTED

0 5 10 20
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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Layout Plan - 2

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
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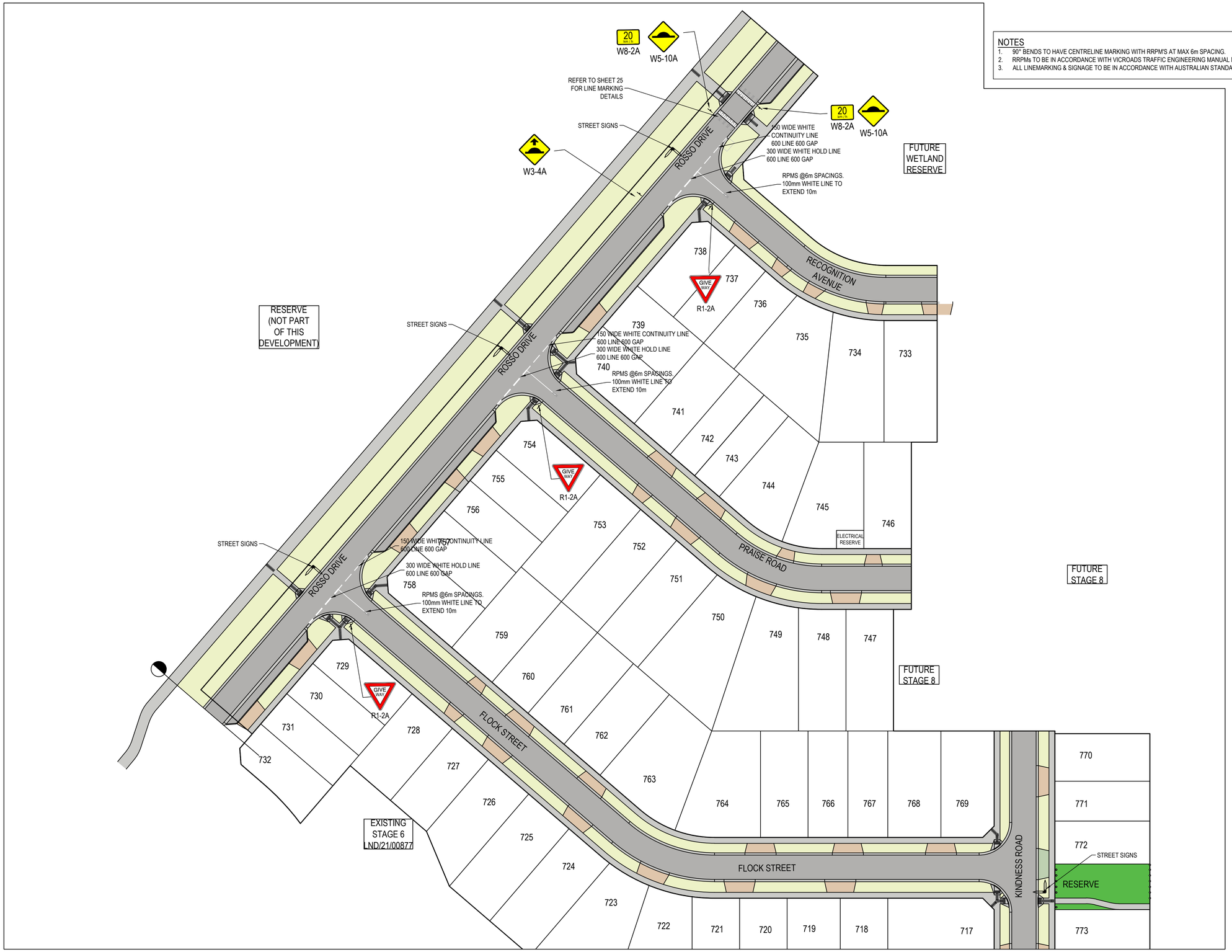

NOTES
1. 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPM'S AT MAX 6m SPACING.
2. RRPMs TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL MANUAL VOL 2.
3. ALL LINEMARKING & SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works
DIAL 1100 BEFORE YOU DIG
www.1100.com.au

AS CONSTRUCTED PLANS
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PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

AS CONSTRUCTED

0 5 10 20
Scale 1:500
SCALE AS SHOWN AT A1

N

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Melbourne, VIC 3008
Ph 03 9514 1500

GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Signage & Linemarking Plan - 1

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-171	04 of 28	1

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-171.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:33:03 AM

NOTES
1. 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPM'S AT MAX 6m SPACING.
2. RRPMs TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL MANUAL VOL 2.
3. ALL LINEMARKING & SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742.

WARNING
BEWARE OF UNDERGROUND SERVICES
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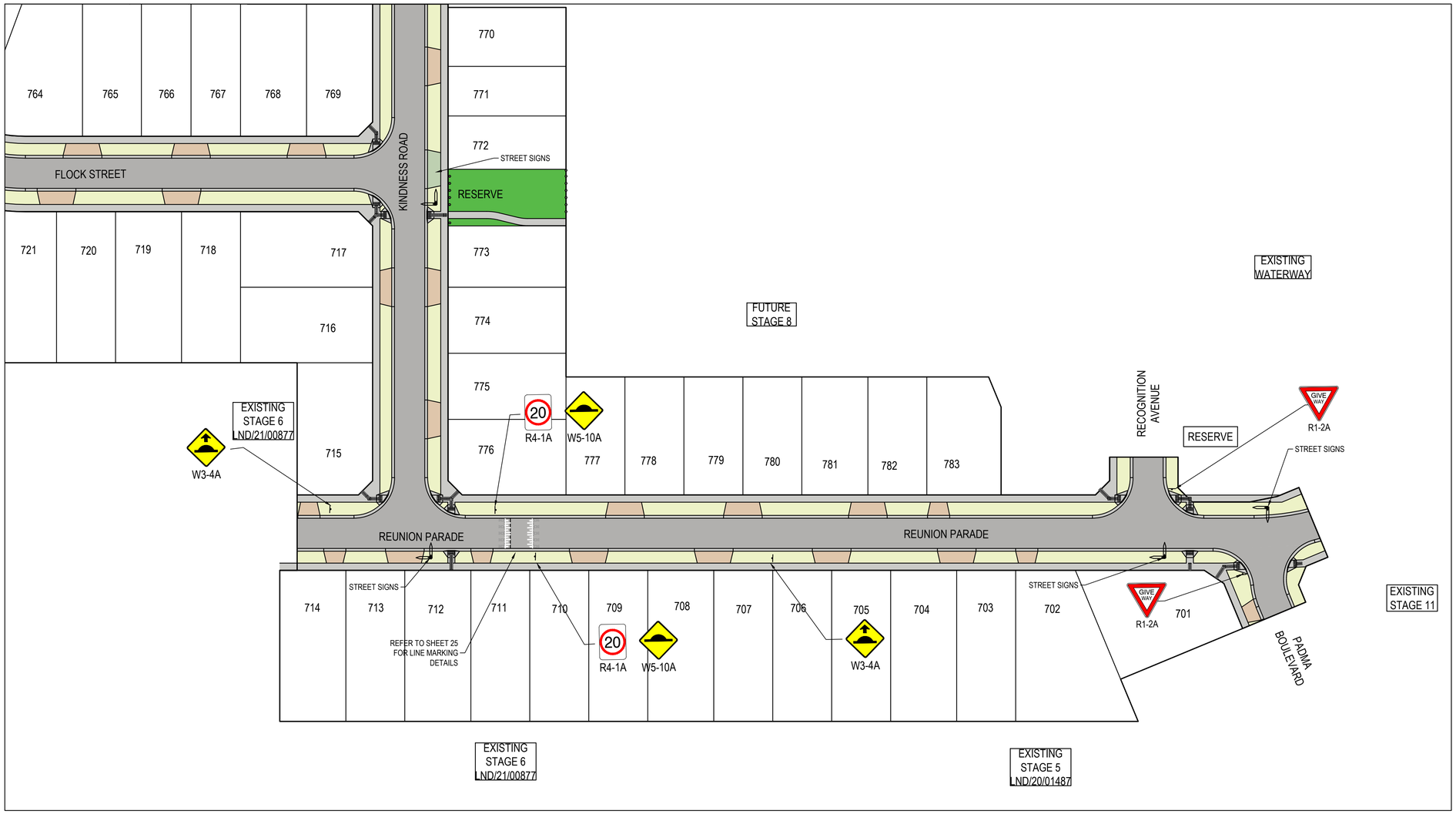

AS CONSTRUCTED PLANS
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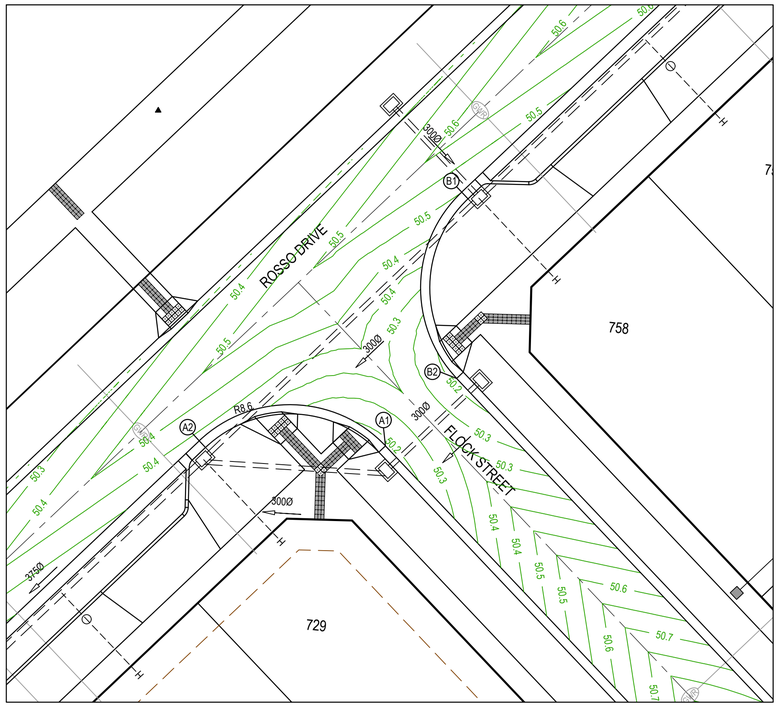
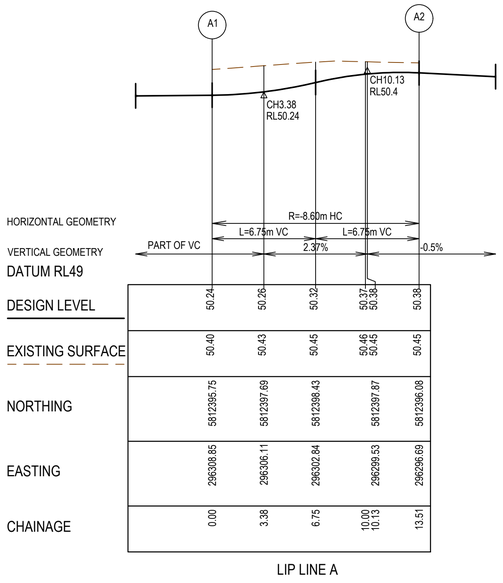
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Signage & Linemarking Plan - 2

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-172	05 of 28	1

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-172.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:33:25 AM





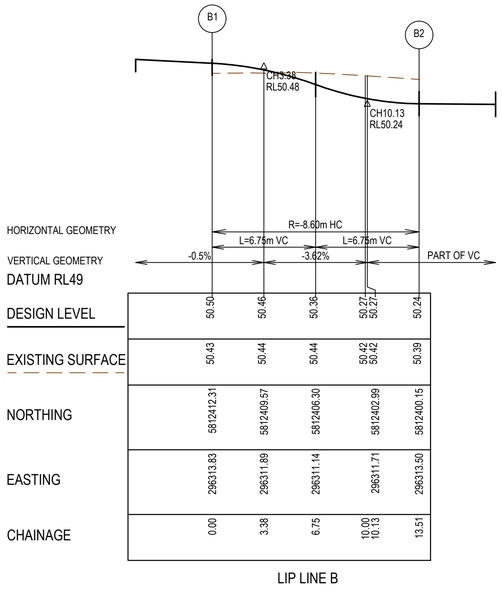
HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM RL49

DESIGN LEVEL	50.24	50.26	50.32	50.37 50.38	50.38	
EXISTING SURFACE	50.40	50.43	50.45	50.45 50.45	50.45	
NORTHING	5812395.75	5812397.69	5812398.43	5812397.87	5812396.08	
EASTING	296308.85	296306.11	296302.84	296299.53	296296.69	
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51	

LIP LINE A



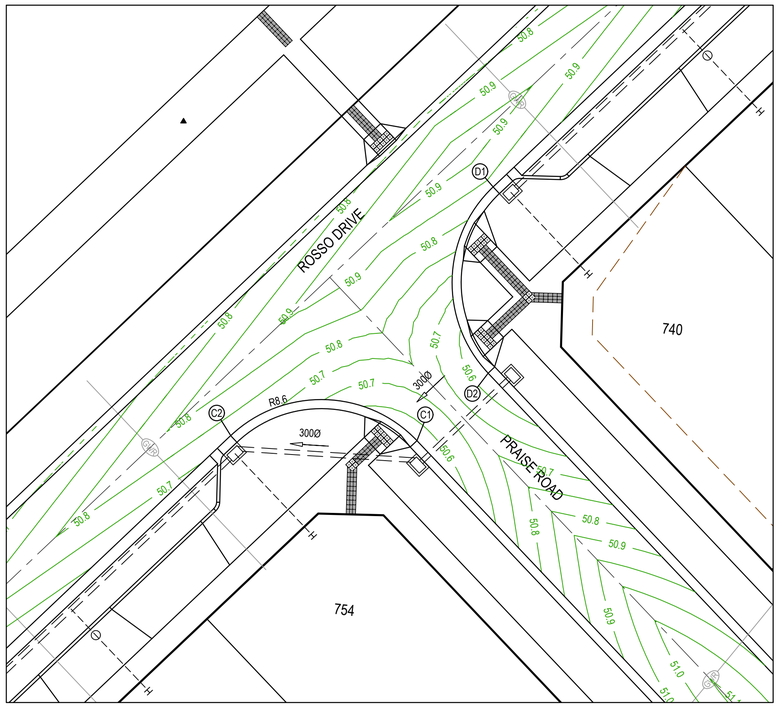
HORIZONTAL GEOMETRY

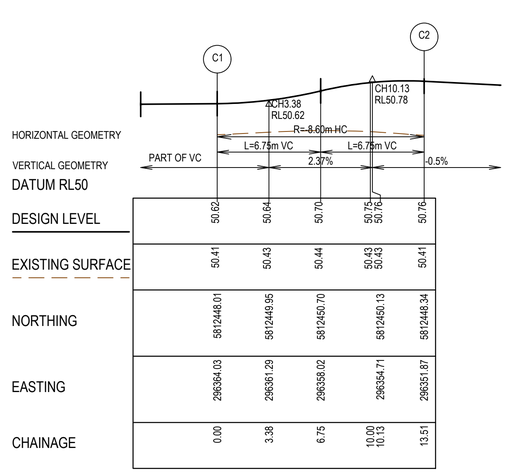
VERTICAL GEOMETRY

DATUM RL49

DESIGN LEVEL	50.50	50.46	50.36	50.27 50.27	50.24	
EXISTING SURFACE	50.43	50.44	50.44	50.42 50.42	50.39	
NORTHING	5812412.31	5812409.57	5812406.30	5812402.99	5812400.15	
EASTING	296313.83	296311.89	296311.14	296311.71	296313.50	
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51	

LIP LINE B





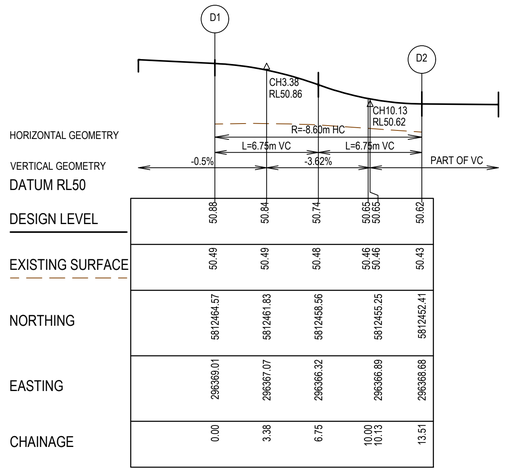
HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM RL50

DESIGN LEVEL	50.62	50.64	50.70	50.75 50.76	50.76	
EXISTING SURFACE	50.41	50.43	50.44	50.43 50.43	50.41	
NORTHING	5812448.01	5812449.95	5812450.70	5812450.13	5812448.34	
EASTING	296364.03	296361.29	296358.02	296354.71	296351.87	
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51	

LIP LINE C



HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM RL50

DESIGN LEVEL	50.88	50.84	50.74	50.65 50.65	50.62	
EXISTING SURFACE	50.49	50.49	50.48	50.46 50.46	50.43	
NORTHING	5812464.57	5812461.83	5812458.56	5812455.25	5812452.41	
EASTING	296369.01	296367.07	296366.32	296366.89	296368.68	
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51	

LIP LINE D

LEGEND - INTERSECTION DETAIL PLAN

ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
S	SEWER & MAINTENANCE STRUCTURES
H	HOUSE DRAIN
SWR	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
Ex S	EXISTING SEWER & MAINTENANCE STRUCTURES
SWR	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
Fut D	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
FUT S	FUTURE SEWER & MAINTENANCE STRUCTURES
H	FUTURE HOUSE DRAIN
SWR	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

NOTES

1. ALL VEHICLE CROSSINGS AND PRAM CROSSINGS TO BE MINIMUM OF 0.75m FROM PITS.
2. ALL PRAM CROSSINGS TO BE MINIMUM OF 2.0m FROM VEHICLE CROSSINGS.
3. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF THE LANDSCAPE WORKS.
4. INDUSTRIAL DRIVEWAYS TO COUNCIL RESERVES TO BE PROVIDED AS PART OF LANDSCAPE WORKS.
5. SHARE PATH THROUGH CREEK CORRIDOR TO FORM PART OF LANDSCAPE WORKS.

AS CONSTRUCTED PLANS

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AS CONSTRUCTED

PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

0 2 4 8 Scale 1:200

0 2 4 8 0 0.2 0.4 0.8 Scale H1:200, V1:20

SCALE AS SHOWN AT A1

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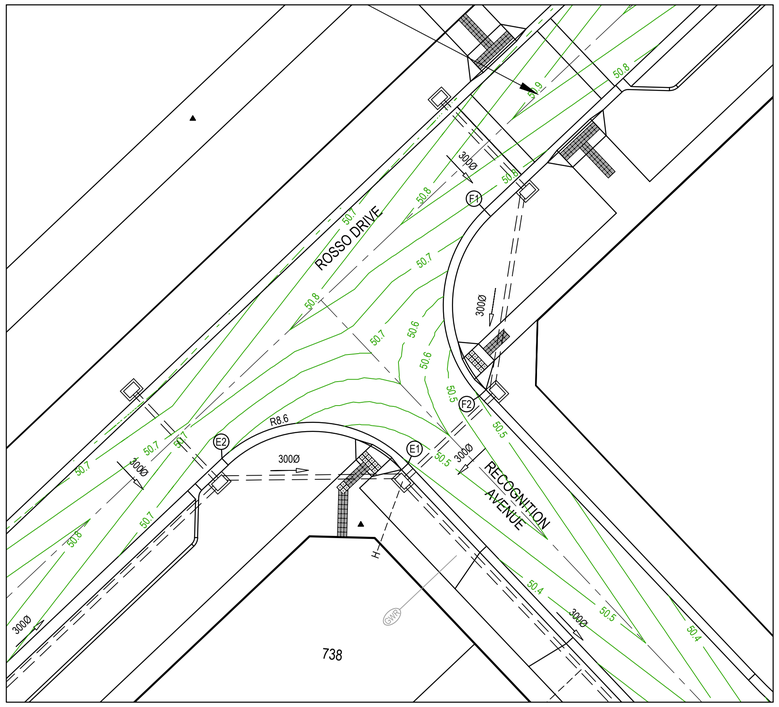
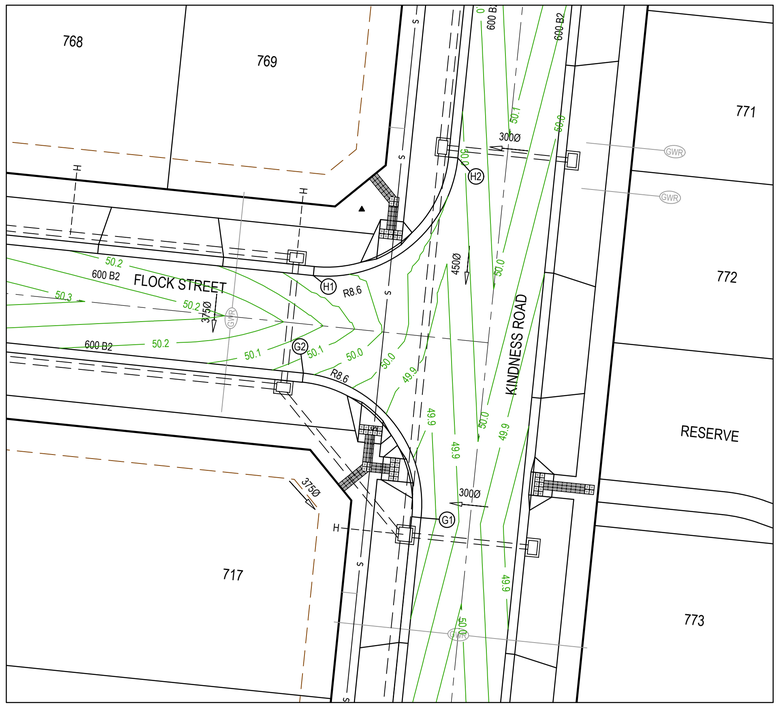
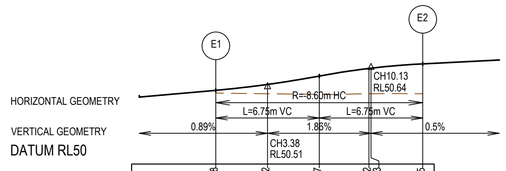
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Intersection Detail Plan - 1

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-181	06 of 28	1

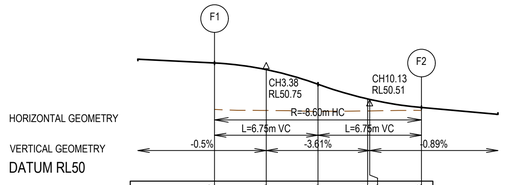






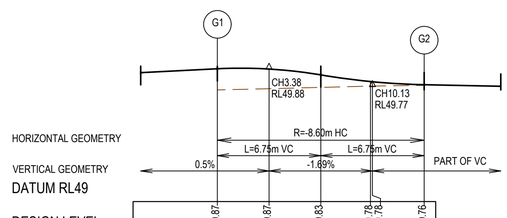
	E1			E2	
HORIZONTAL GEOMETRY					
VERTICAL GEOMETRY					
DATUM RL50					
DESIGN LEVEL	50.48	50.52	50.57	50.62 50.63	50.65
EXISTING SURFACE	50.46	50.46	50.45	50.46 50.46	50.46
NORTHING	5812495.46	5812497.40	5812498.15	5812497.58	5812495.79
EASTING	296414.13	296411.39	296408.11	296404.81	296401.97
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE E



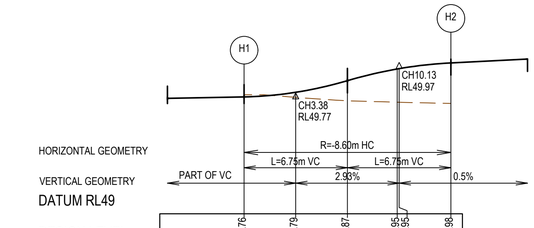
	F1			F2	
HORIZONTAL GEOMETRY					
VERTICAL GEOMETRY					
DATUM RL50					
DESIGN LEVEL	50.77	50.73	50.63	50.54 50.53	50.48
EXISTING SURFACE	50.47	50.46	50.46	50.46 50.46	50.46
NORTHING	5812512.02	5812509.28	5812506.01	5812502.70	5812499.86
EASTING	296419.10	296417.16	296416.42	296416.98	296418.77
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE F



	G1			G2	
HORIZONTAL GEOMETRY					
VERTICAL GEOMETRY					
DATUM RL49					
DESIGN LEVEL	49.87	49.87	49.83	49.78 49.76	49.76
EXISTING SURFACE	49.73	49.74	49.75	49.75 49.75	49.76
NORTHING	5812301.63	5812304.97	5812307.94	5812310.08	5812311.06
EASTING	296472.99	296472.66	296471.11	296468.52	296465.31
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE G



	H1			H2	
HORIZONTAL GEOMETRY					
VERTICAL GEOMETRY					
DATUM RL49					
DESIGN LEVEL	49.76	49.79	49.87	49.95 49.95	49.98
EXISTING SURFACE	49.78	49.76	49.74	49.73 49.73	49.72
NORTHING	5812317.43	5812317.74	5812319.31	5812321.90	5812325.11
EASTING	296465.97	296469.31	296472.27	296474.41	296475.40
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE H

LEGEND - INTERSECTION DETAIL PLAN

ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
S	SEWER & MAINTENANCE STRUCTURES
H	HOUSE DRAIN
SWR	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
Ex S	EXISTING SEWER & MAINTENANCE STRUCTURES
SWR	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
Fut D	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
FUT S	FUTURE SEWER & MAINTENANCE STRUCTURES
H	FUTURE HOUSE DRAIN
SWR	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

NOTES

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3. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF THE LANDSCAPE WORKS.
4. INDUSTRIAL DRIVEWAYS TO COUNCIL RESERVES TO BE PROVIDED AS PART OF LANDSCAPE WORKS.
5. SHARE PATH THROUGH CREEK CORRIDOR TO FORM PART OF LANDSCAPE WORKS.

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PLAN OF SUB. NO. PS900882T

PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

0 2 4 8 Scale 1:200

0 2 4 8 0 0.2 0.4 0.8 Scale H1:200, V1:20

SCALE AS SHOWN AT A1

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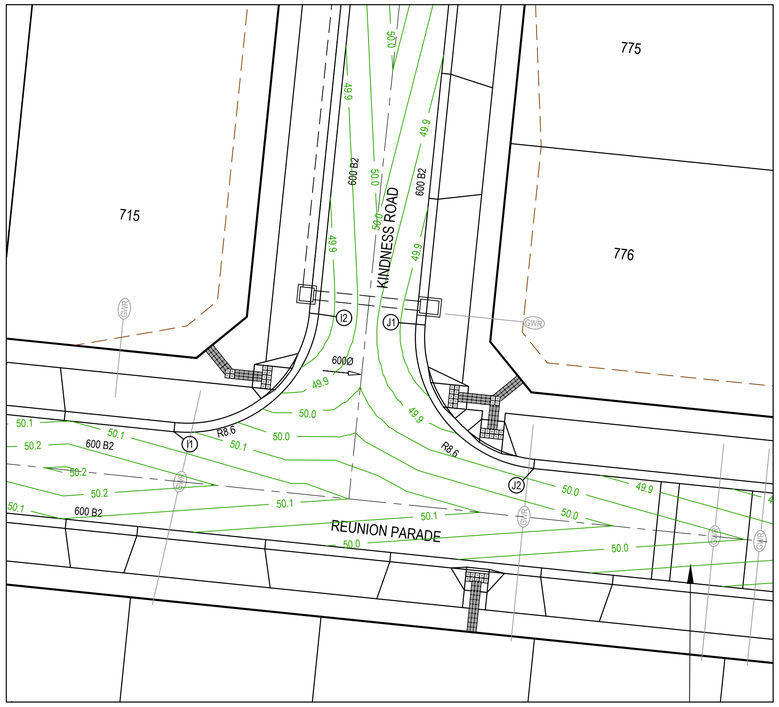
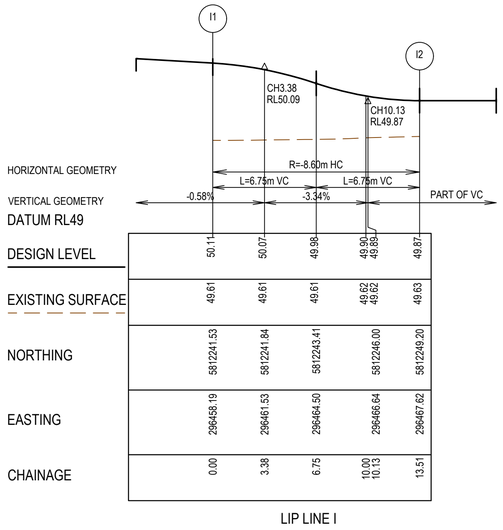
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Intersection Detail Plan - 2

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-182	07 of 28	1





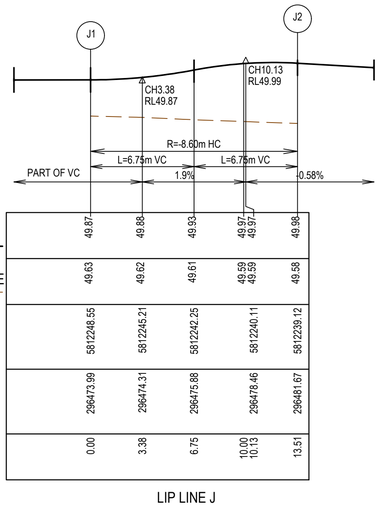
HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM RL49

DESIGN LEVEL	50.11	50.07	49.98	49.90 49.88	49.87
EXISTING SURFACE	49.61	49.61	49.61	49.62 49.62	49.63
NORTHING	5812241.53	5812241.84	5812243.41	5812246.00	5812249.20
EASTING	296458.19	296461.53	296464.50	296466.64	296467.62
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE I



HORIZONTAL GEOMETRY

VERTICAL GEOMETRY

DATUM RL49

DESIGN LEVEL	49.87	49.88	49.93	49.97 49.97	49.98
EXISTING SURFACE	49.63	49.62	49.61	49.59 49.59	49.58
NORTHING	5812248.55	5812245.21	5812242.25	5812240.11	5812239.12
EASTING	296473.99	296474.31	296475.88	296478.46	296481.67
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE J

LEGEND - INTERSECTION DETAIL PLAN

ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	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
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH

NOTES

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2. ALL PRAM CROSSINGS TO BE MINIMUM OF 2.0m FROM VEHICLE CROSSINGS.
3. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF THE LANDSCAPE WORKS.
4. INDUSTRIAL DRIVEWAYS TO COUNCIL RESERVES TO BE PROVIDED AS PART OF LANDSCAPE WORKS.
5. SHARE PATH THROUGH CREEK CORRIDOR TO FORM PART OF LANDSCAPE WORKS.

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AS CONSTRUCTED

PLAN OF SUB. NO. PS900882T

PERMIT REF. NO. WYP10365/17.01

0 2 4 8
Scale 1:200

0 2 4 8
0 0.2 0.4 0.8
Scale H1:200, V1:20
SCALE AS SHOWN AT A1

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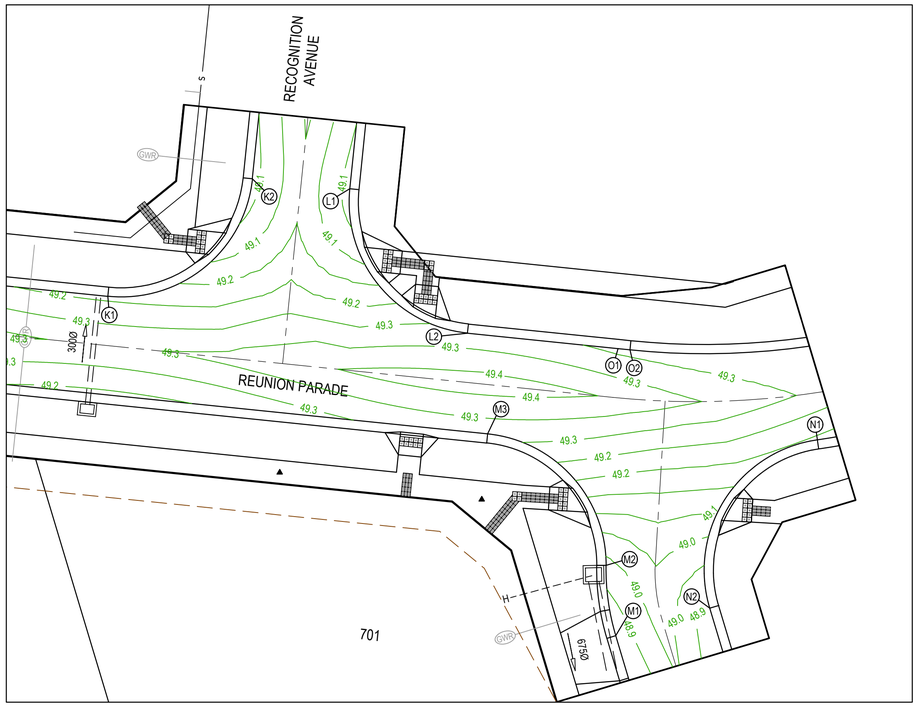
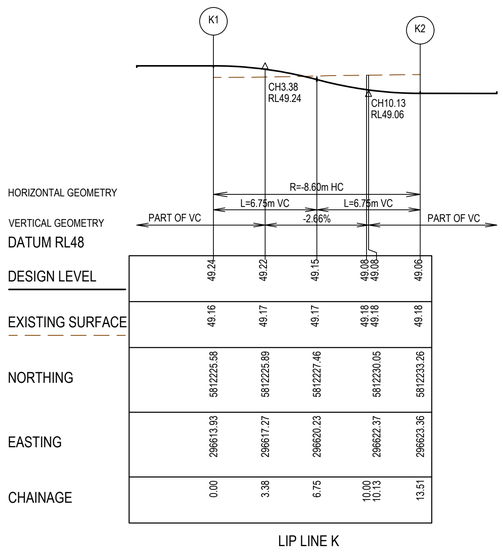
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Intersection Detail Plan - 3

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-183	08 of 28	1

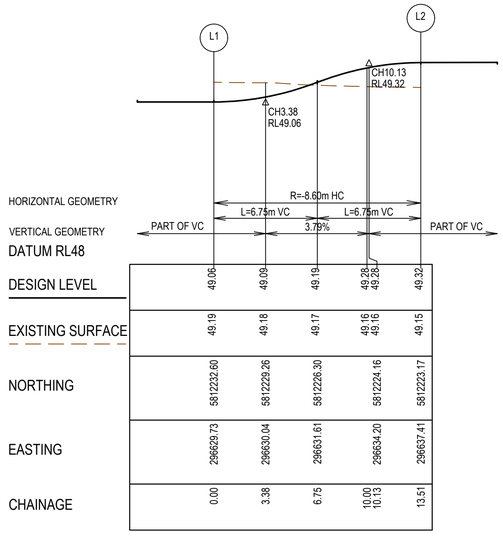
DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-183.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:34:19 AM





HORIZONTAL GEOMETRY					
VERTICAL GEOMETRY					
DATUM RL48					
DESIGN LEVEL	49.24	49.22	49.15	49.08 49.08	49.06
EXISTING SURFACE	49.16	49.17	49.17	49.18 49.18	49.18
NORTHING	5812225.58	5812225.89	5812227.46	5812230.05	5812233.26
EASTING	296613.93	296617.27	296620.23	296622.37	296623.36
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE K



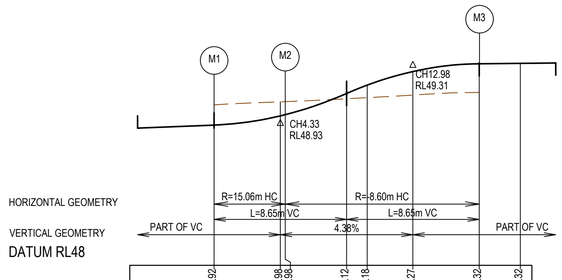
HORIZONTAL GEOMETRY					
VERTICAL GEOMETRY					
DATUM RL48					
DESIGN LEVEL	49.06	49.09	49.19	49.28 49.28	49.32
EXISTING SURFACE	49.19	49.18	49.17	49.16 49.16	49.15
NORTHING	5812232.60	5812229.26	5812226.30	5812224.16	5812223.17
EASTING	296629.73	296630.04	296631.61	296634.20	296637.41
CHAINAGE	0.00	3.38	6.75	10.00 10.13	13.51

LIP LINE L

LEGEND - INTERSECTION DETAIL PLAN

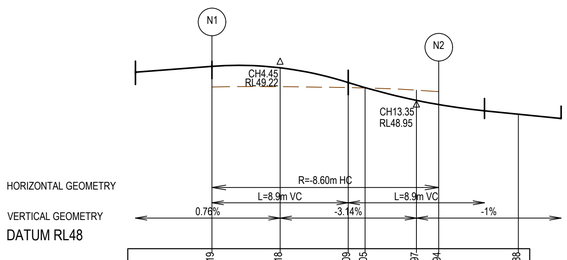
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	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
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
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



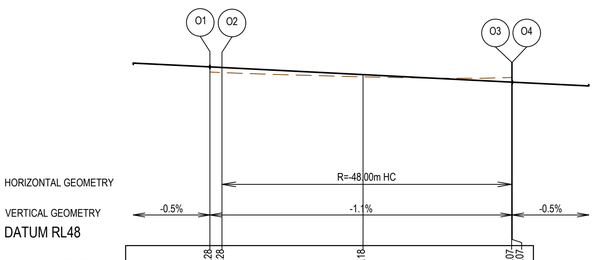
HORIZONTAL GEOMETRY							
VERTICAL GEOMETRY							
DATUM RL48							
DESIGN LEVEL	48.92	48.88 48.88	49.12	49.18	49.27	49.32	49.32
EXISTING SURFACE	49.05	49.07 49.07	49.09	49.09	49.11	49.13	
NORTHING	5812203.43	5812207.70 5812208.02	5812211.88		5812215.12	5812216.60	
EASTING	296647.08	296646.45 296646.45	296645.55		296642.74	296638.73	
CHAINAGE	0.00	4.33 4.65	8.65	10.00	12.98	17.31	20.00

LIP LINE M



HORIZONTAL GEOMETRY							
VERTICAL GEOMETRY							
DATUM RL48							
DESIGN LEVEL	49.19	49.18	49.09	49.05	48.97	48.94	48.88
EXISTING SURFACE	49.06	49.06	49.05	49.05	49.04	49.03	
NORTHING	5812216.22	5812214.50	5812211.01		5812206.65	5812205.23	
EASTING	296660.25	296656.20	296653.52		296652.93	296653.23	
CHAINAGE	0.00	4.45	8.90	10.00	13.35	14.80	20.00

LIP LINE N



HORIZONTAL GEOMETRY				
VERTICAL GEOMETRY				
DATUM RL48				
DESIGN LEVEL	49.28 49.28		49.18	49.07 49.07
EXISTING SURFACE	49.13 49.13		49.10	49.10 49.10
NORTHING	5812222.17 5812222.09			5812223.87 5812223.88
EASTING	296647.24 296648.02			296666.73 296666.76
CHAINAGE	0.00 0.79		10.00	19.70 19.74

LIP LINE O

NOTES

1. ALL VEHICLE CROSSINGS AND PRAM CROSSINGS TO BE MINIMUM OF 0.75m FROM PITS.
2. ALL PRAM CROSSINGS TO BE MINIMUM OF 2.0m FROM VEHICLE CROSSINGS.
3. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF THE LANDSCAPE WORKS.
4. INDUSTRIAL DRIVEWAYS TO COUNCIL RESERVES TO BE PROVIDED AS PART OF LANDSCAPE WORKS.
5. SHARE PATH THROUGH CREEK CORRIDOR TO FORM PART OF LANDSCAPE WORKS.

AS CONSTRUCTED PLANS

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AS CONSTRUCTED

PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

Scale 1:200

Scale H1:200, V1:20

SCALE AS SHOWN AT A1

N

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GROWLAND

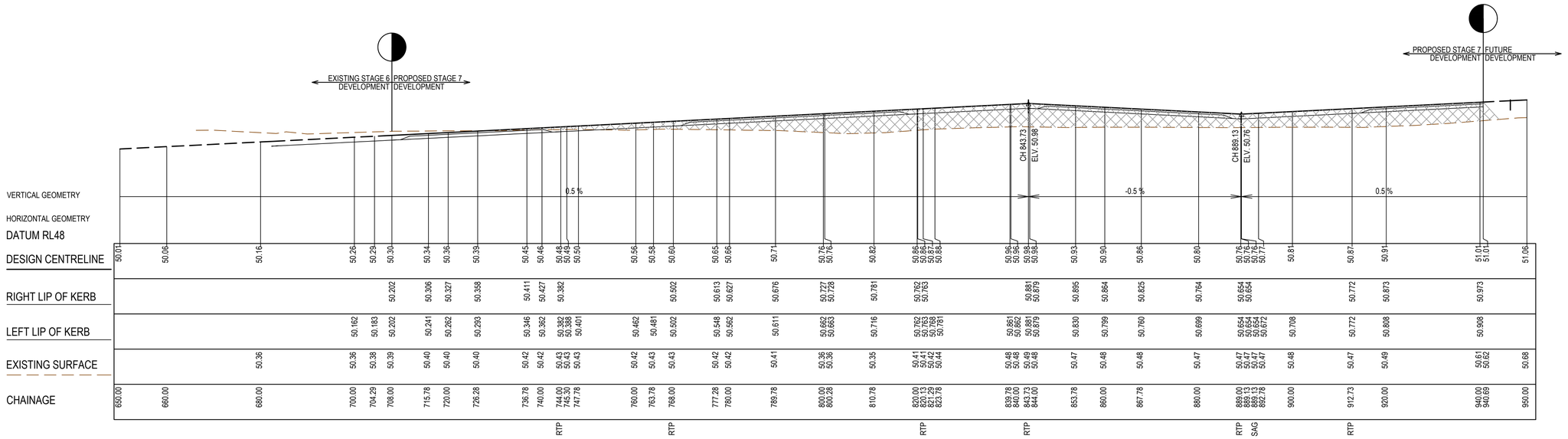
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Intersection Detail Plan - 4

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-184	09 of 28	1

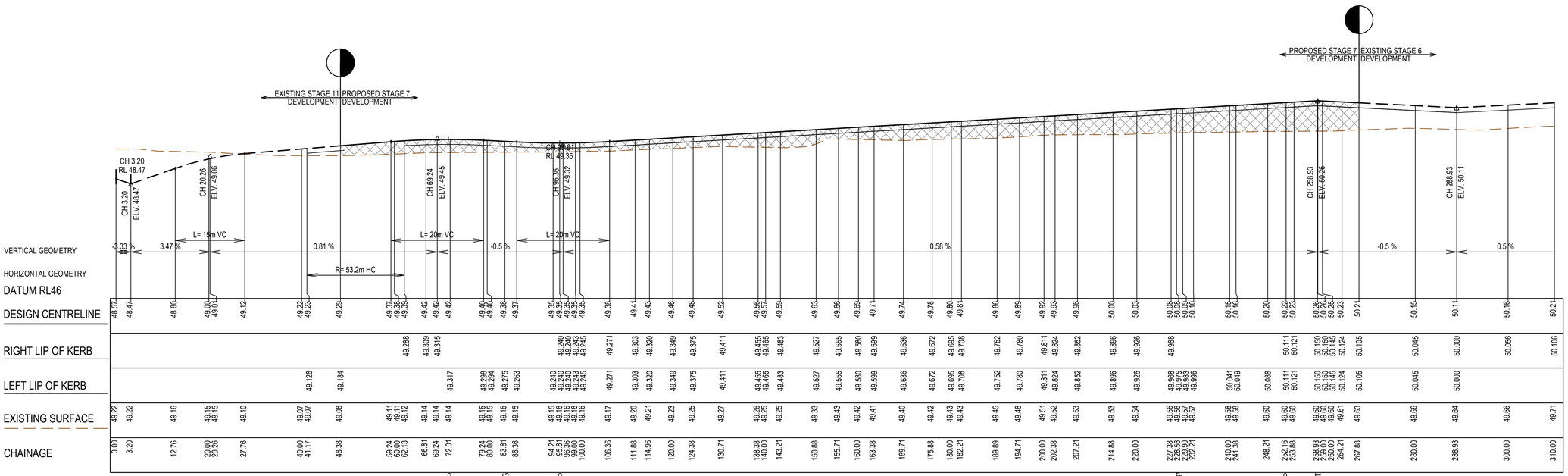
DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-184.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:34:46 AM

TYPE A CRUSHED ROCK OR GRANULAR CLASS 3 FOR STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE (TO BE DETERMINED DURING CONSTRUCTION SUBJECT TO COUNCIL APPROVAL)

LEGEND
- EXISTING SURFACE
- DESIGN LINE
- FUTURE DESIGN LINE



ROSSO DRIVE LONGITUDINAL SECTION



REUNION ROAD LONGITUDINAL SECTION

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PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

AS CONSTRUCTED

0 5 10 20
0 0.5 1 2
Scale H1:500, V1:50
SCALE AS SHOWN AT A1

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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Longitudinal Sections - 1

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-201	10 of 28	1

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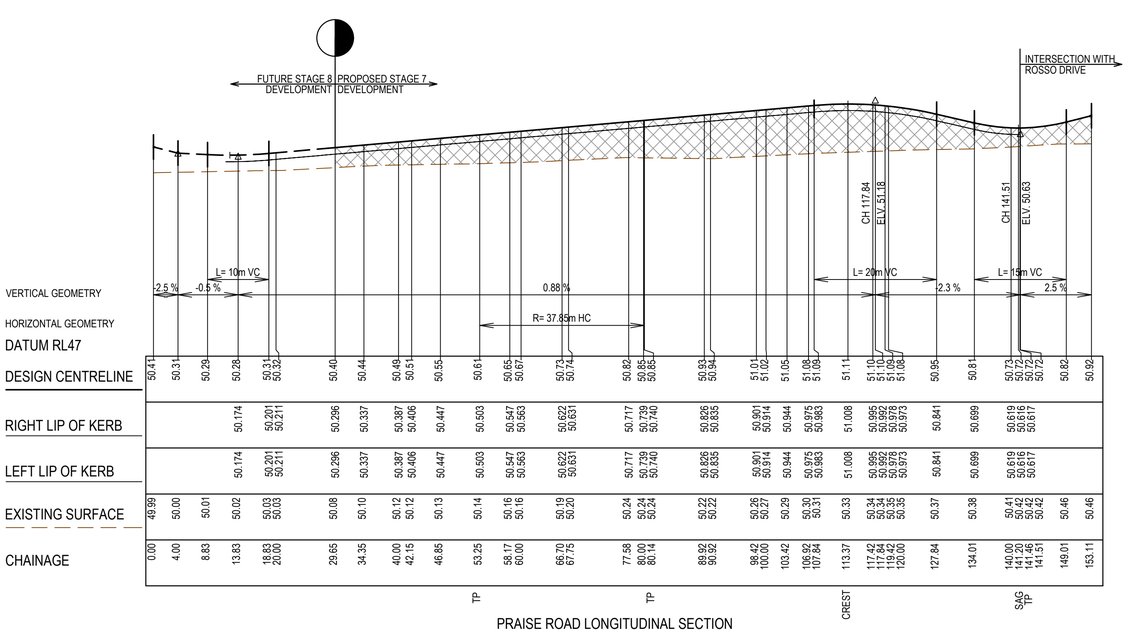
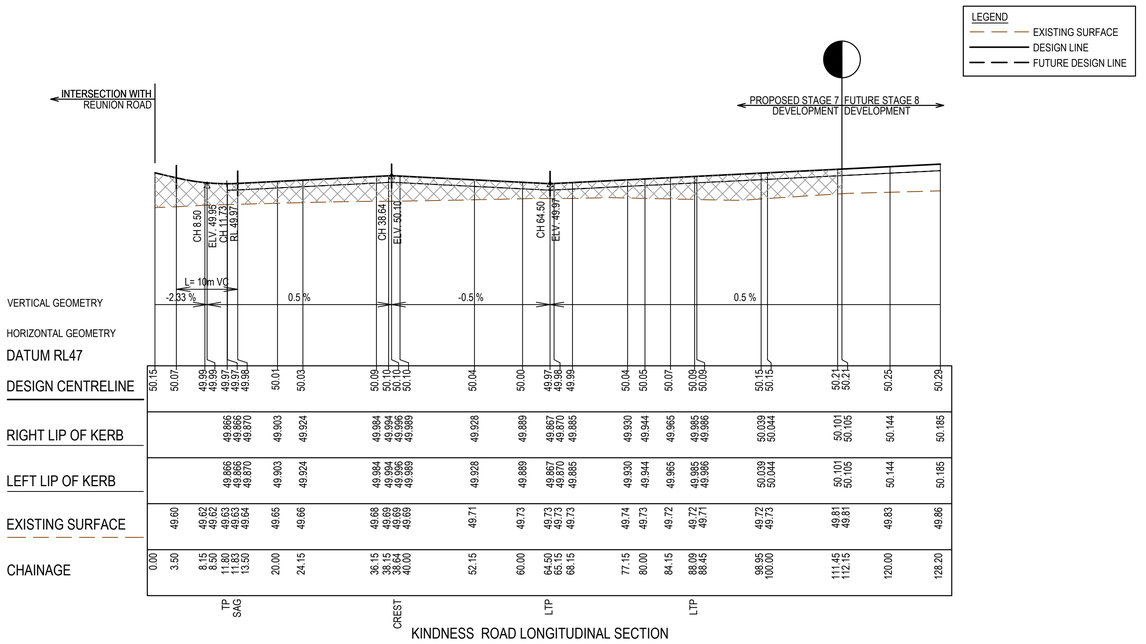
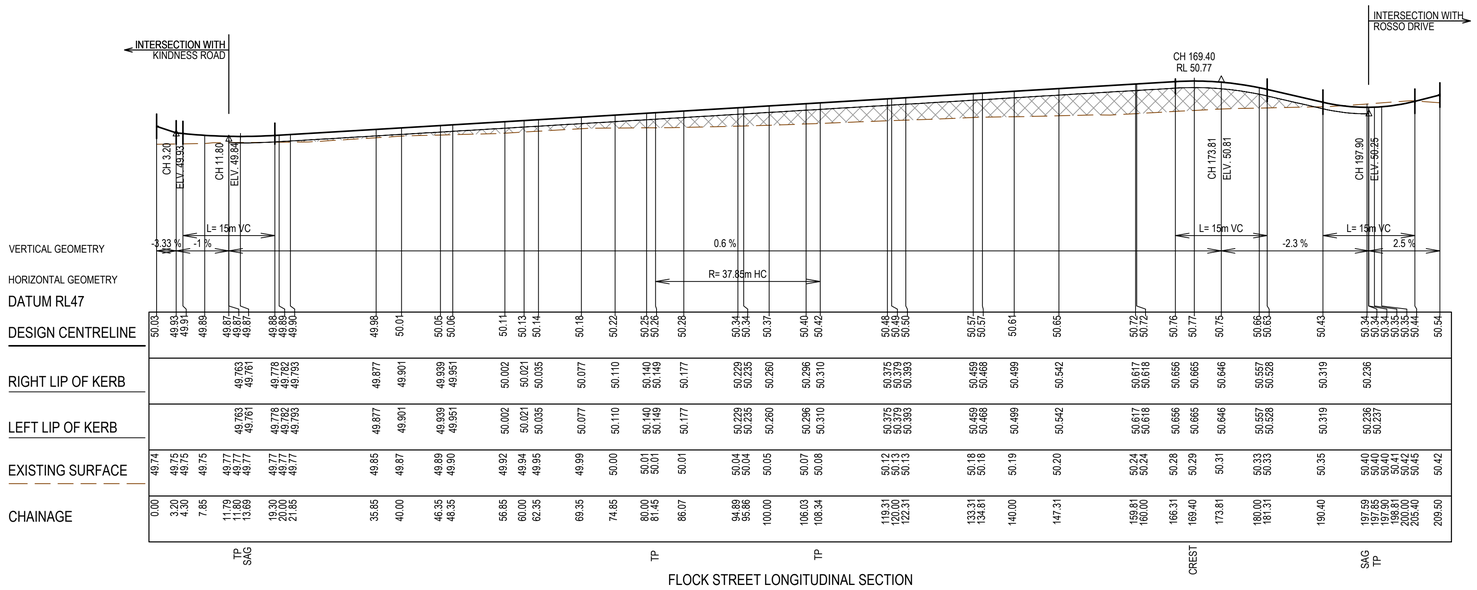
TYPE A CRUSHED ROCK OR GRANULAR CLASS 3 FOR STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE (TO BE DETERMINED DURING CONSTRUCTION SUBJECT TO COUNCIL APPROVAL)



PRAISE ROAD LONGITUDINAL SECTION



KINDNESS ROAD LONGITUDINAL SECTION



FLOCK STREET LONGITUDINAL SECTION

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PLAN OF SUB. NO. PS900882T
PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

0 5 10 20
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Scale H1:500, V1:50
SCALE AS SHOWN AT A1

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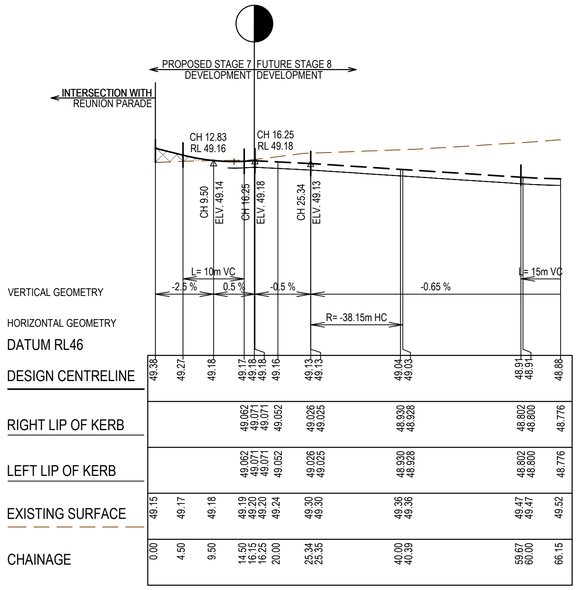
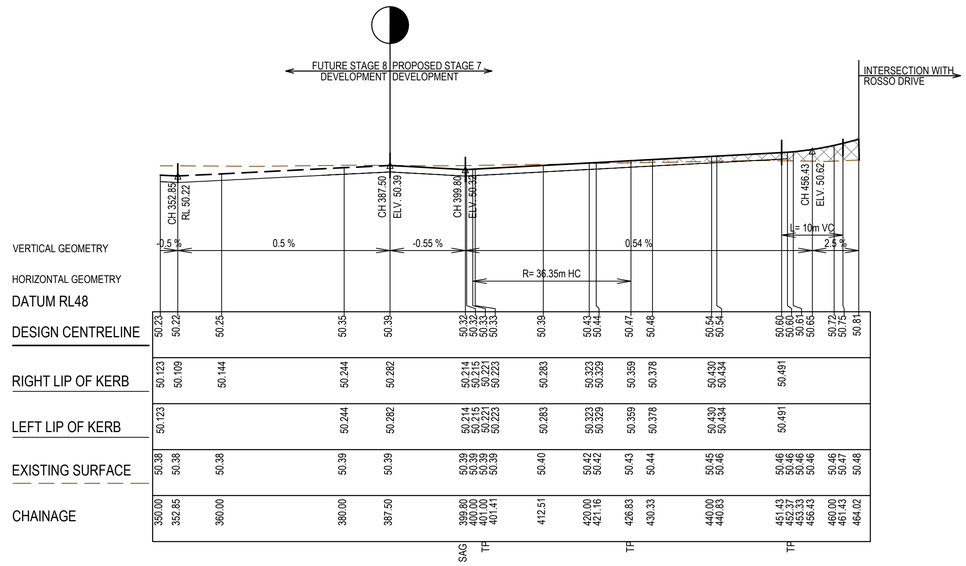
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Longitudinal Sections - 2

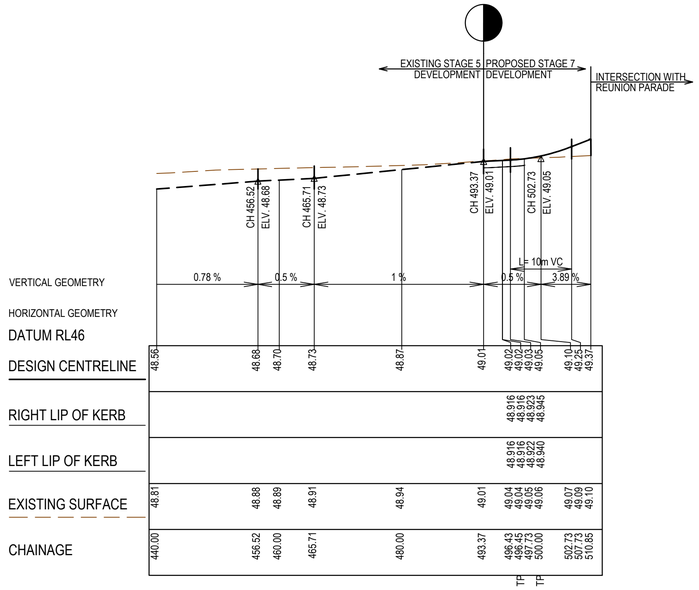
MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-202	11 of 28	1



RECOGNITION AVENUE LONGITUDINAL SECTION - 1



RECOGNITION AVENUE LONGITUDINAL SECTION - 2



PADMA BOULEVARD LONGITUDINAL SECTION

AS CONSTRUCTED PLANS

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PLAN OF SUB. NO. PS900882T

PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

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0 0.5 1 2
Scale H1:500, V1:50
SCALE AS SHOWN AT A1

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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Longitudinal Sections - 3

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-203	12 of 28	1

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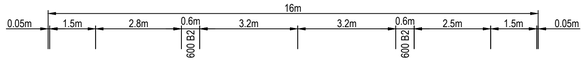
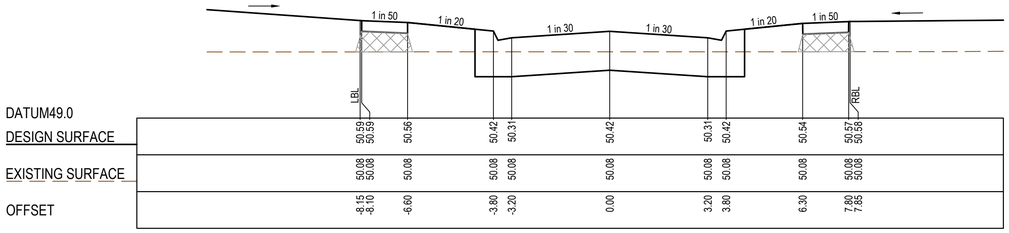
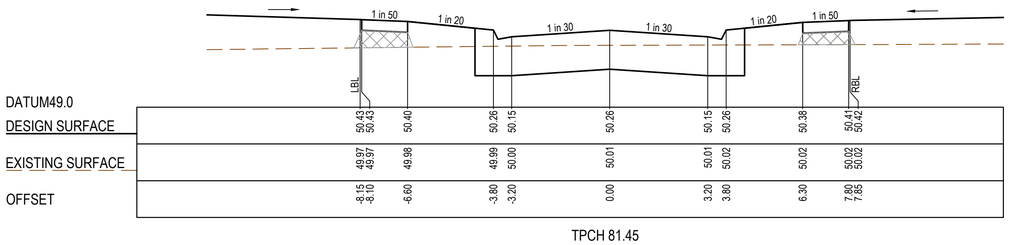


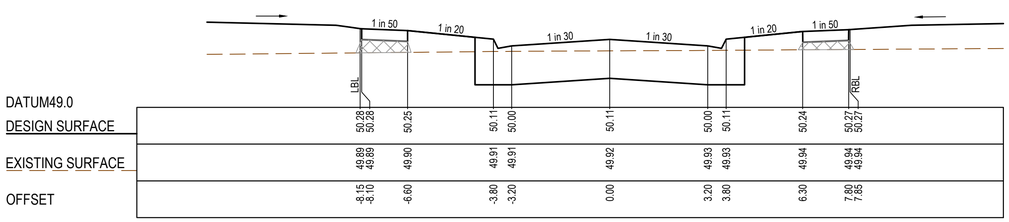
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



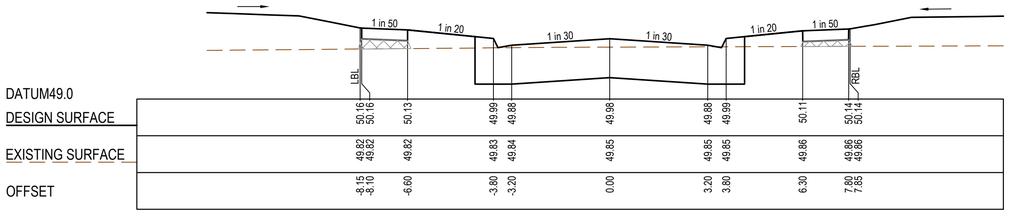
TPCH 108.34



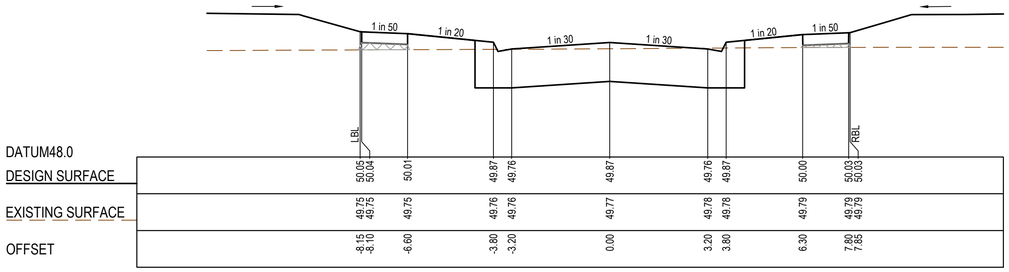
TPCH 81.45



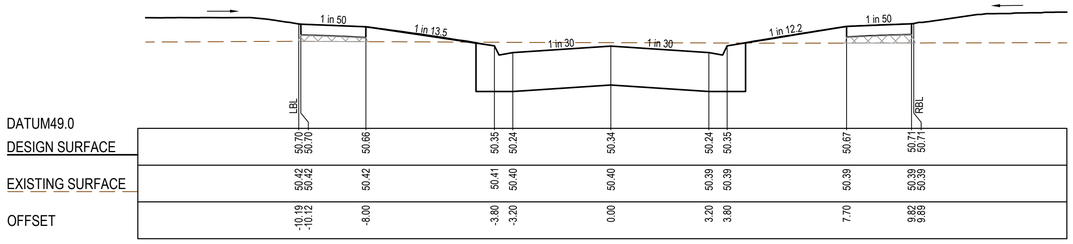
CH 56.85



CH 35.85



TPCH 11.80



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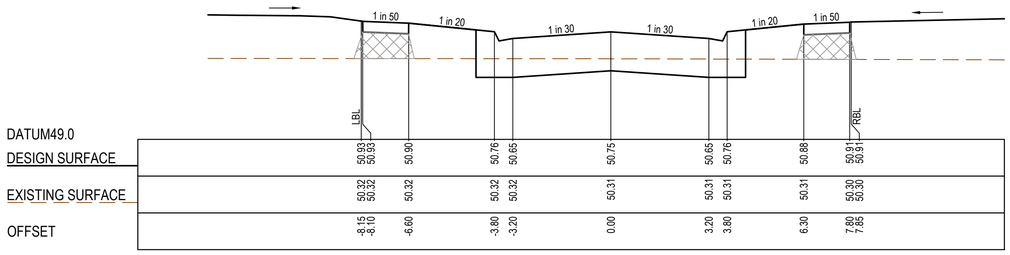
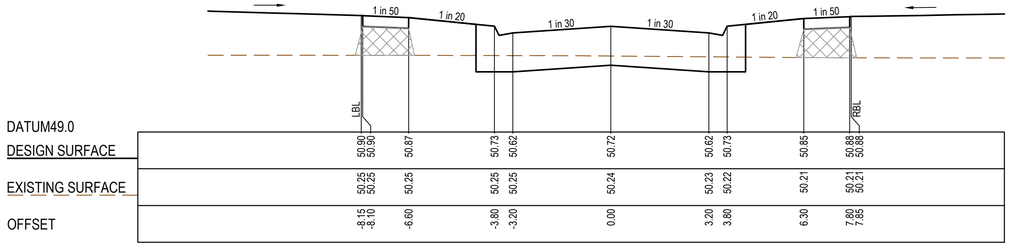
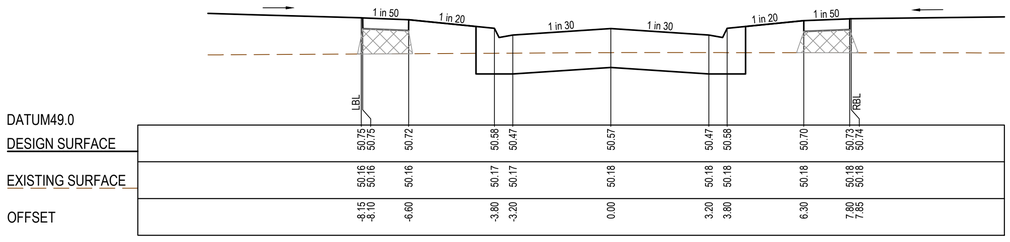


CH 173.81



CH 159.81



CH 134.81

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PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

AS CONSTRUCTED

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

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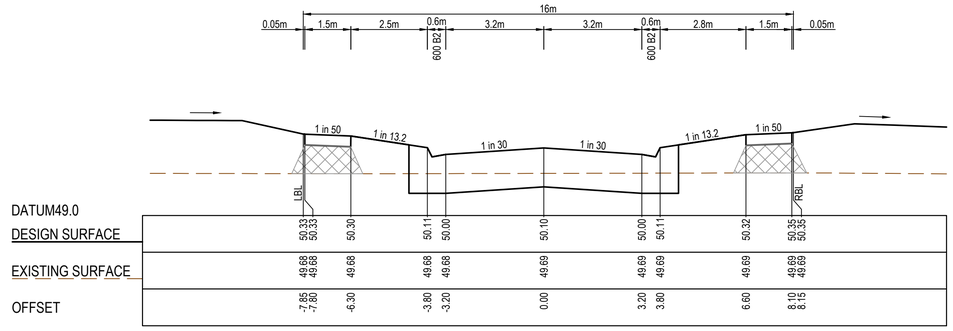
GROWLAND

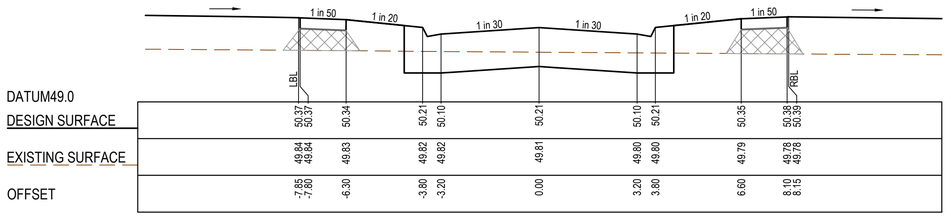
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Flock Street
Ch 11.80 - Ch 197.85

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-251	13 of 28	1

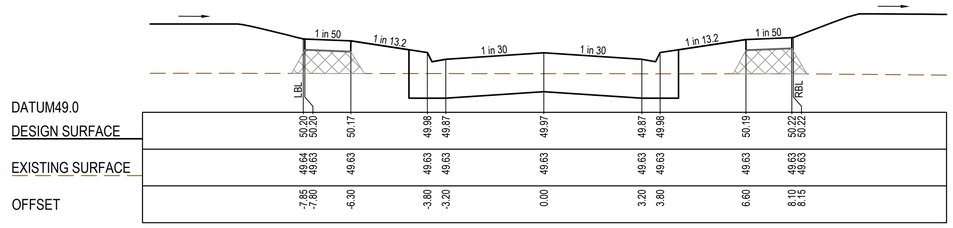
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



CREST 38.64



CH 112.15



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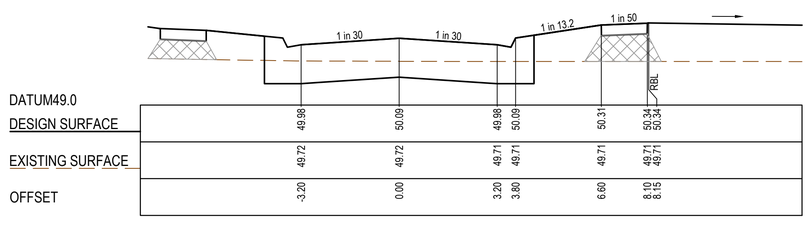
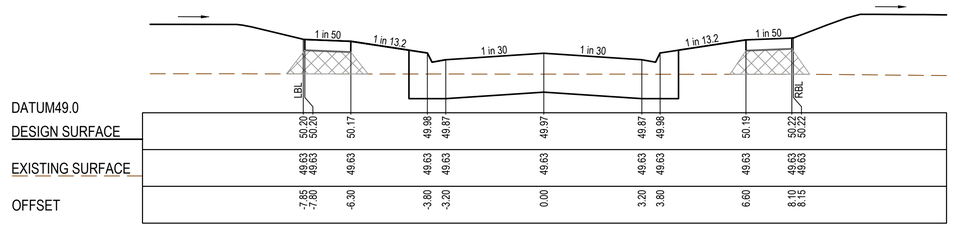
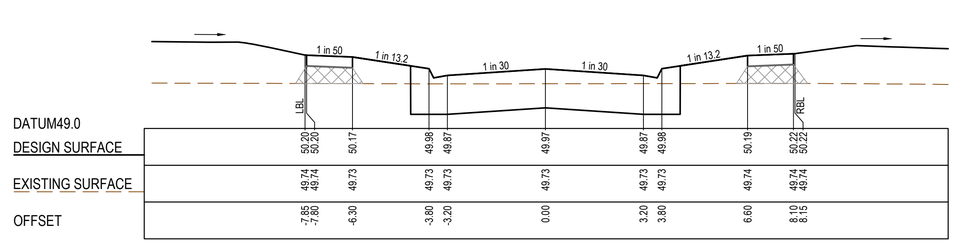


LTPCH 88.09



TPCH 11.80



LTPCH 64.50

AS CONSTRUCTED PLANS

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AS CONSTRUCTED

PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

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

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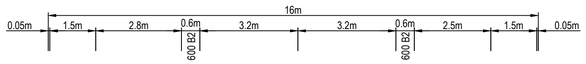
GROWLAND

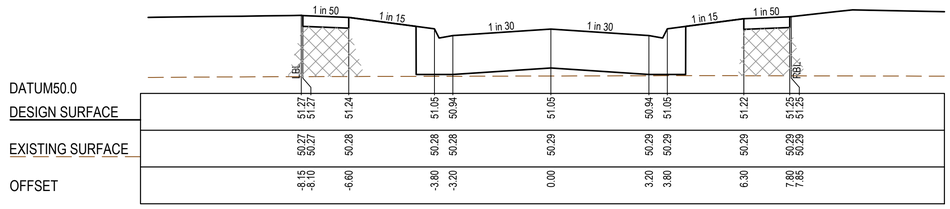
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Kindness Road
Ch 11.80 - Ch 112.15

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-252	14 of 28	1

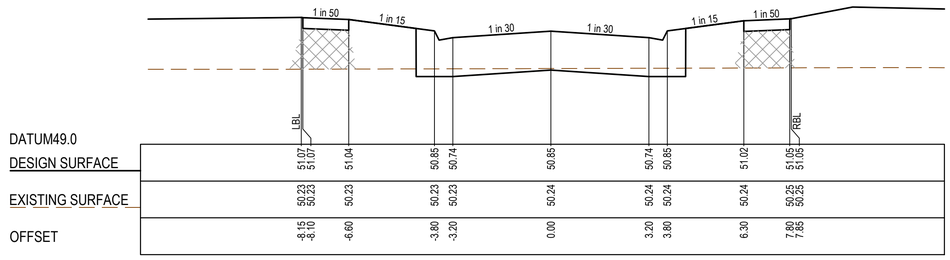
DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-252.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:36:07 AM

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

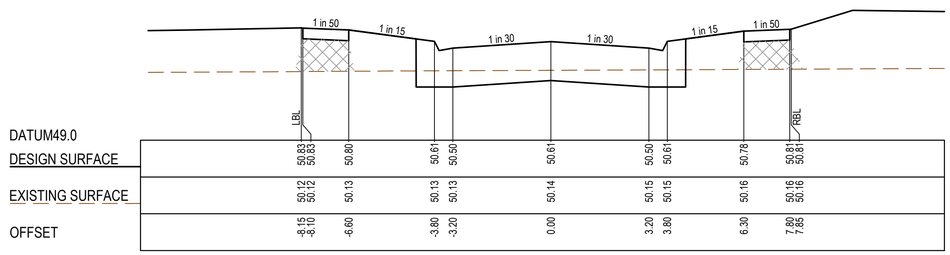




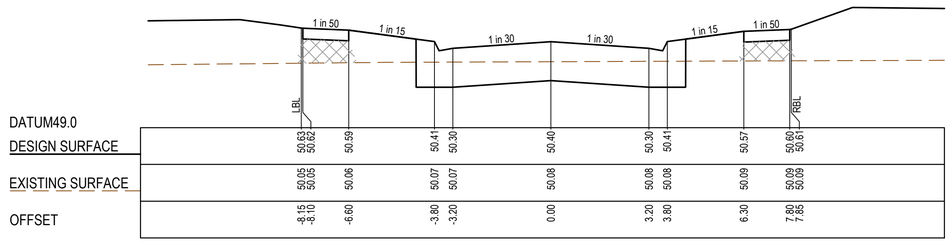
CH 103.42



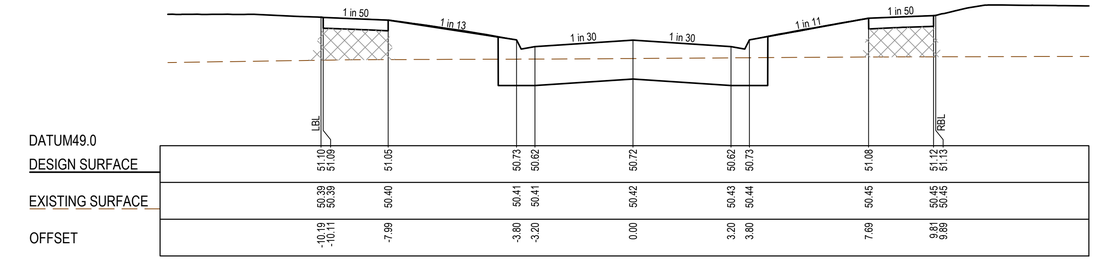
TPCH 80.14



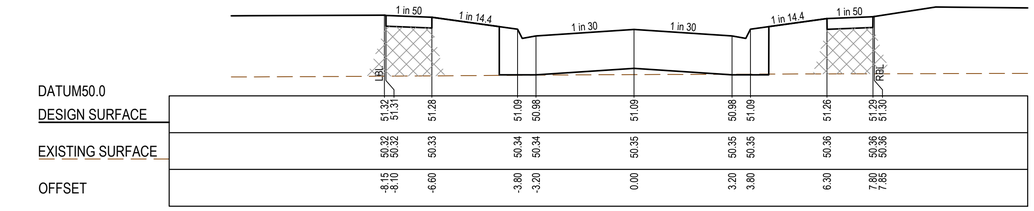
CH 53.25



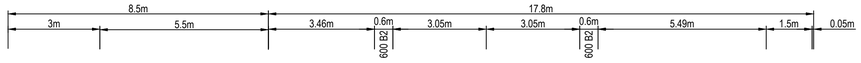
CH 29.65

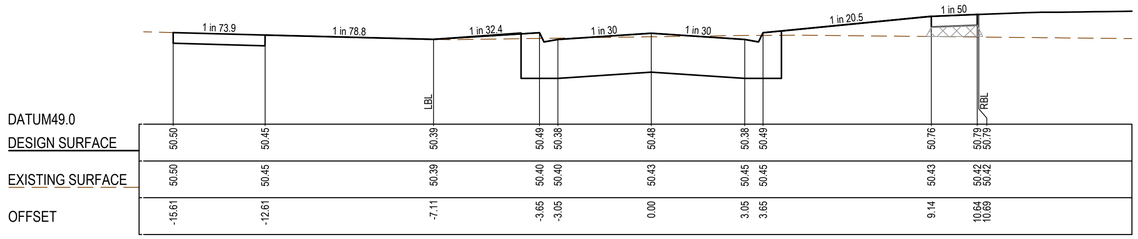


TPCH 141.46

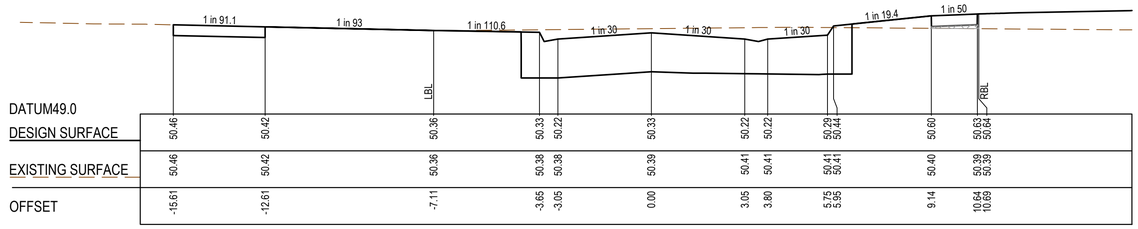


CH 119.42





RTPCH 744.00



CH 712.29

ROSSO DRIVE CROSS SECTIONS

AS CONSTRUCTED PLANS

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

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AS CONSTRUCTED

PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

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

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Ph 03 9514 1500

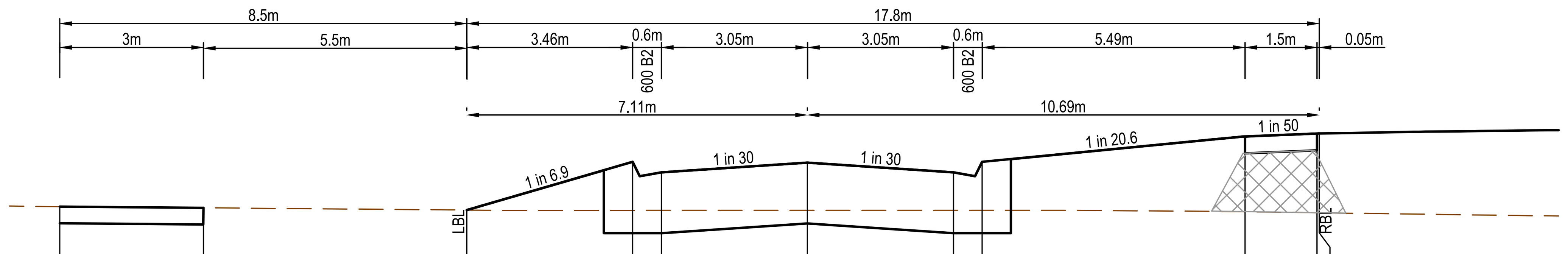
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Praise Road & Rosso Drive
Ch 29.65 - Ch 141.46

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-253	15 of 28	1

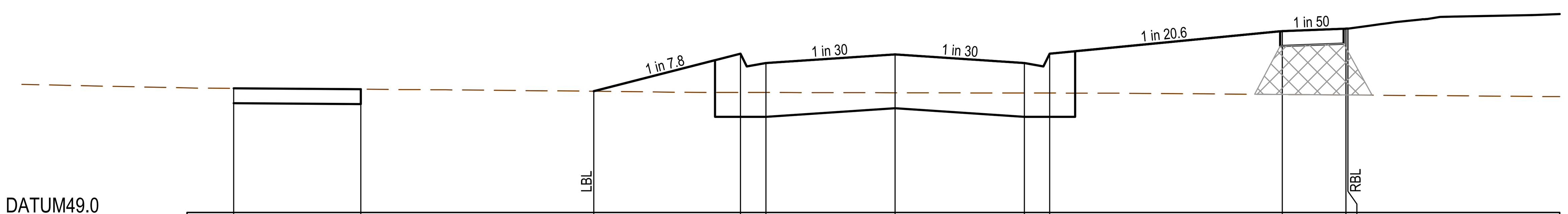
DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-253.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:36:28 AM

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



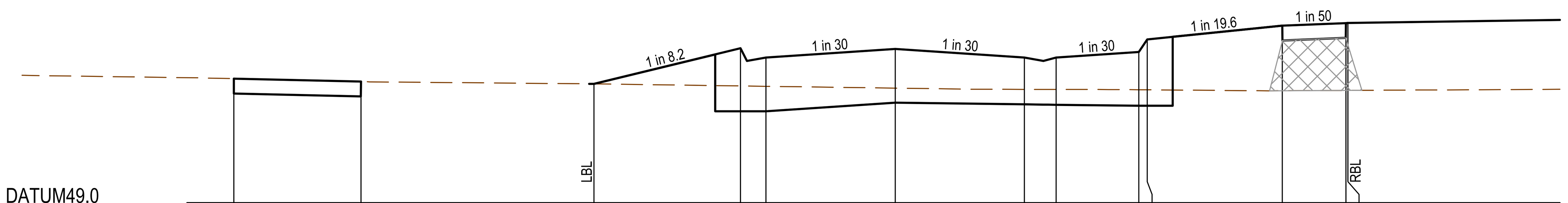
DATUM50.0											
DESIGN SURFACE	50.52	50.51	50.49	50.99	50.88	50.98	50.88	50.99	51.26	51.29	51.29
EXISTING SURFACE	50.52	50.51	50.49	50.48	50.48	50.49	50.49	50.49	50.47	50.46	50.46
OFFSET	-15.61	-12.61	-7.11	-3.65	-3.05	0.00	3.05	3.65	9.10	10.64	10.69

RTPCH 843.73



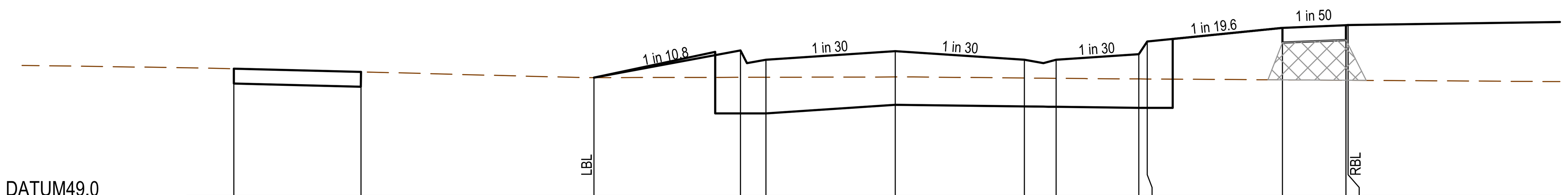
DATUM49.0											
DESIGN SURFACE	50.46	50.45	50.43	50.87	50.76	50.86	50.76	50.87	51.14	51.17	51.17
EXISTING SURFACE	50.46	50.45	50.43	50.42	50.42	50.41	50.41	50.41	50.39	50.39	50.39
OFFSET	-15.61	-12.61	-7.11	-3.65	-3.05	0.00	3.05	3.65	9.09	10.64	10.69

RTPCH 820.13



DATUM49.0													
DESIGN SURFACE	50.47	50.43	50.40	50.83	50.72	50.82	50.72	50.72	50.78	50.93	51.09	51.12	51.13
EXISTING SURFACE	50.47	50.43	50.40	50.38	50.38	50.35	50.34	50.34	50.34	50.33	50.32	50.33	50.33
OFFSET	-15.61	-12.61	-7.11	-3.65	-3.05	0.00	3.05	3.80	5.75	5.95	9.14	10.64	10.69

CH 810.78



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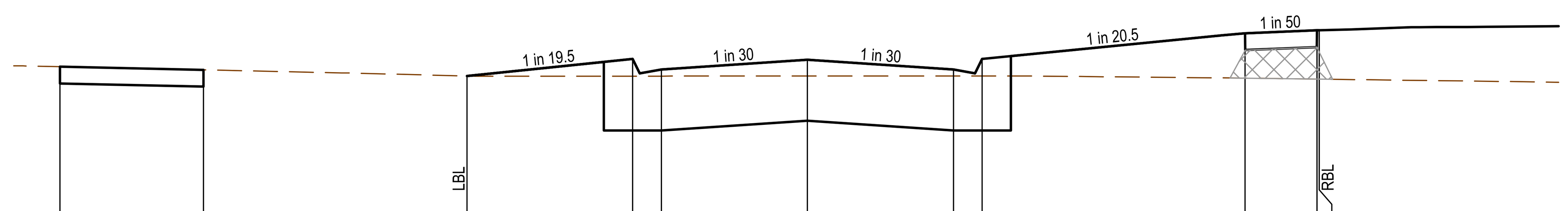
EXISTING SURFACE	50.50	50.47	50.40	50.40	50.40	50.41	50.39	50.39	50.38	50.38	50.37	50.37	50.37
OFFSET	-15.61	-12.61	-7.11	-3.65	-3.05	0.00	3.05	3.80	5.75	5.95	9.14	10.64	10.69

CH 789.78



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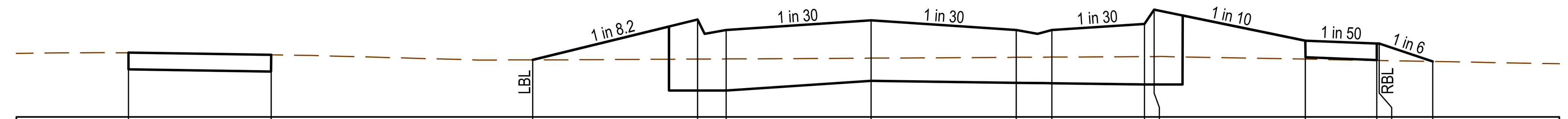
DESIGN SURFACE	50.53	50.50	50.43	50.61	50.50	50.60	50.50	50.61	50.88	50.91	50.91
EXISTING SURFACE	50.53	50.50	50.43	50.43	50.43	50.43	50.43	50.43	50.41	50.40	50.40
OFFSET	-15.61	-12.61	-7.11	-3.65	-3.05	0.00	3.05	3.65	9.14	10.64	10.69

RTPCH 768.00



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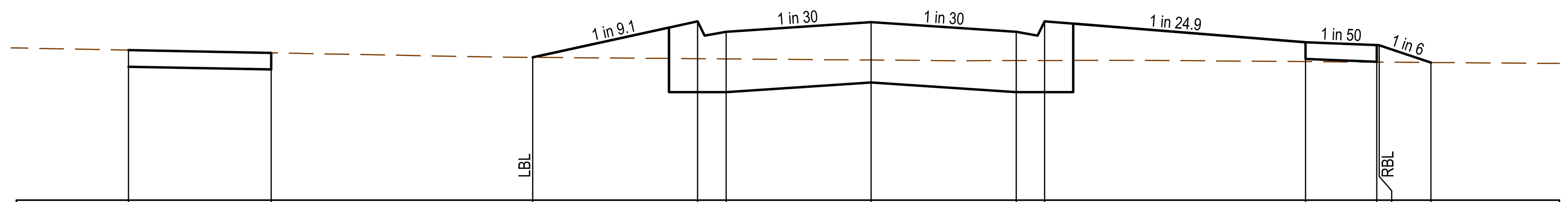
EXISTING SURFACE	50.67	50.65	50.60	50.61	50.61	50.62	50.63	50.63	50.63	50.63	50.61	50.59	50.59	50.58
OFFSET	-15.62	-12.62	-7.12	-3.65	-3.05	0.00	3.05	3.80	5.75	5.95	9.13	10.63	10.68	11.81

CH 940.69



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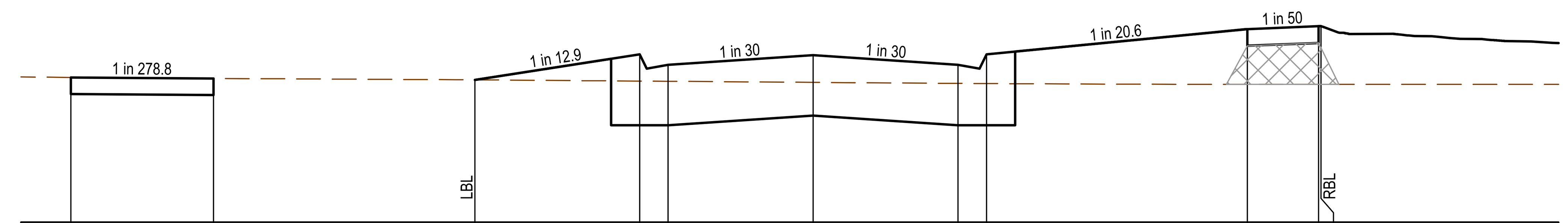
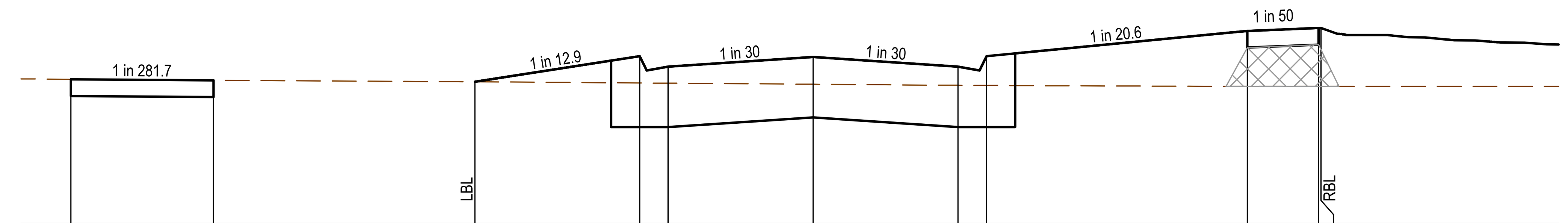
EXISTING SURFACE	50.58	50.55	50.50	50.49	50.49	50.47	50.47	50.47	50.46	50.45	50.45	50.45
OFFSET	-15.62	-12.62	-7.12	-3.65	-3.05	0.00	3.05	3.65	9.13	10.63	10.68	11.77

RTPCH 912.73



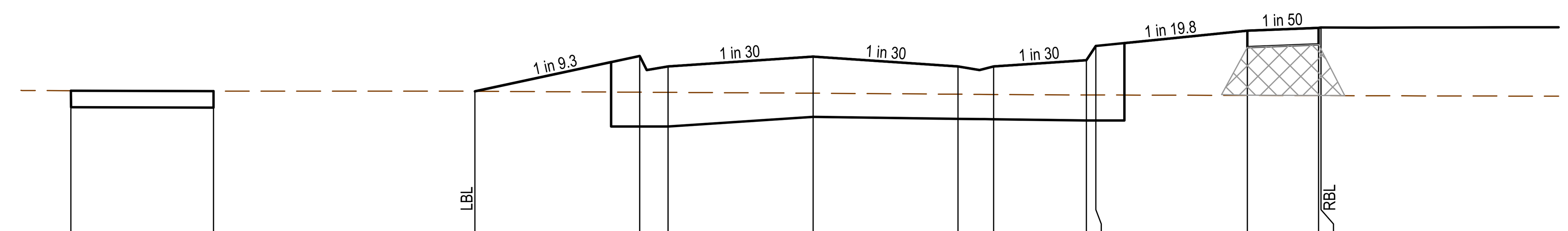
DATUM49.0											
DESIGN SURFACE	50.52	50.51	50.50	50.76	50.65	50.76	50.65	50.76	51.03	51.06	51.06
EXISTING SURFACE	50.52	50.51	50.50	50.48	50.48	50.47	50.46	50.46	50.45	50.45	50.45
OFFSET	-15.62	-12.62	-7.12	-3.65	-3.05	0.00	3.05	3.65	9.14	10.64	10.68

SAG 889.13



DATUM49.0											
DESIGN SURFACE	50.52	50.51	50.50	50.76	50.65	50.76	50.65	50.76	51.03	51.06	51.06
EXISTING SURFACE	50.52	50.51	50.50	50.48	50.48	50.47	50.46	50.46	50.45	50.45	50.45
OFFSET	-15.62	-12.62	-7.12	-3.65	-3.05	0.00	3.05	3.65	9.14	10.64	10.68

RTPCH 889.00



DATUM49.0													
DESIGN SURFACE	50.50	50.50	50.50	50.87	50.76	50.86	50.76	50.76	50.83	50.98	51.14	51.17	51.17
EXISTING SURFACE	50.50	50.50	50.50	50.49	50.49	50.48	50.47	50.46	50.46	50.46	50.45	50.45	50.45
OFFSET	-15.61	-12.61	-7.11	-3.65	-3.05	0.00	3.05	3.80	5.75	5.95	9.14	10.64	10.69

CH 867.78

AS CONSTRUCTED PLANS

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Environmental Management · ISO14001 — Global-Mark.com.au®

AS CONSTRUCTED

PLAN OF SUB. NO. PS900882T
PERMIT REF. NO. WYP10365/17.01

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

SMEC
Member of the Surbana Jurong Group
ⓒ ABN 47 065 475 149
Collins Square, Tower 4, Level 20, 727 Collins St
Melbourne, VIC 3008
Ph 03 9514 1500

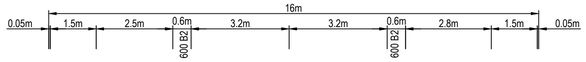
GROWLAND

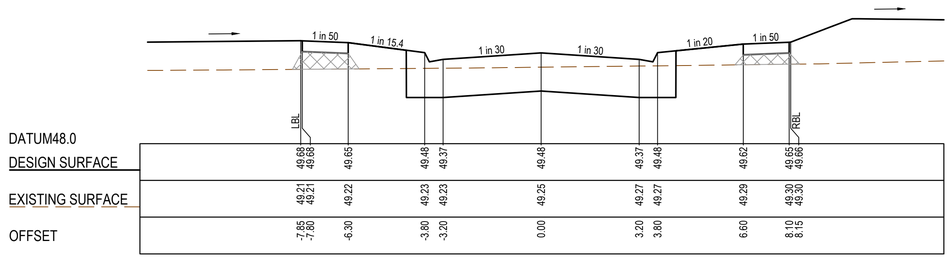
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Rosso Drive
Ch 712.29 - Ch 940.69

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-254	16 of 28	1

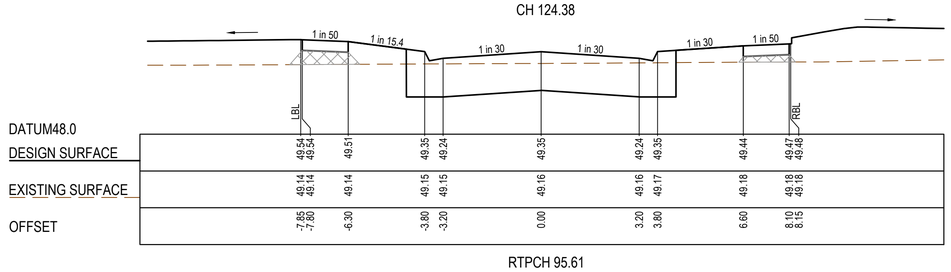
DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-254.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:36:48 AM

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

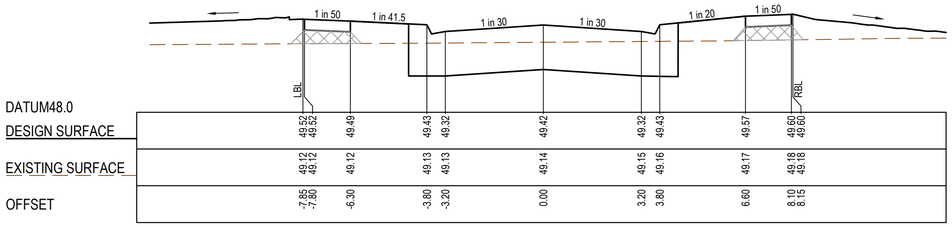




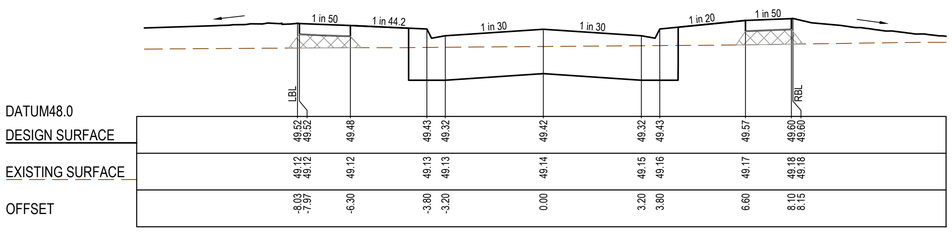
CH 124.38



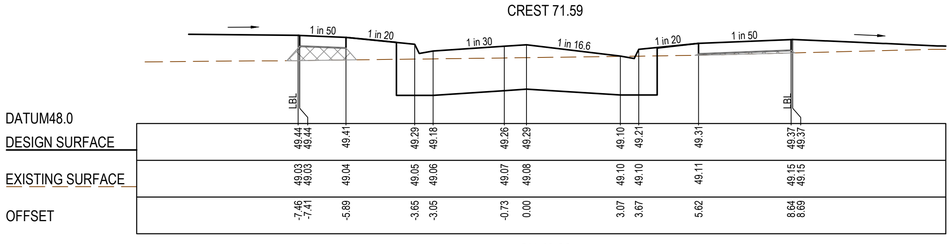
RTPCH 95.61



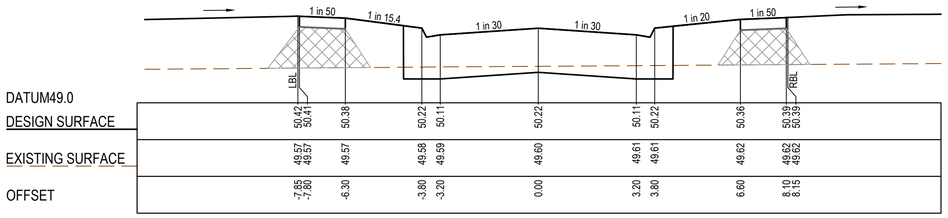
RTPCH 72.01



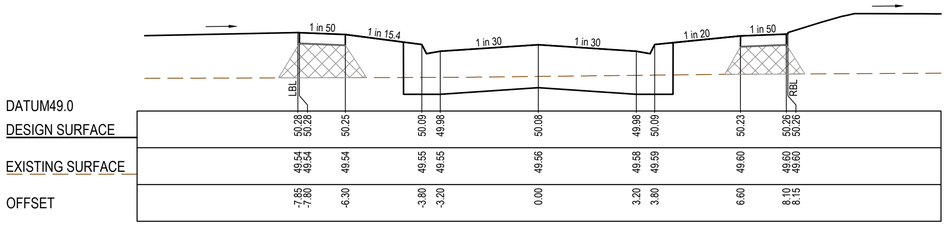
CREST 71.59



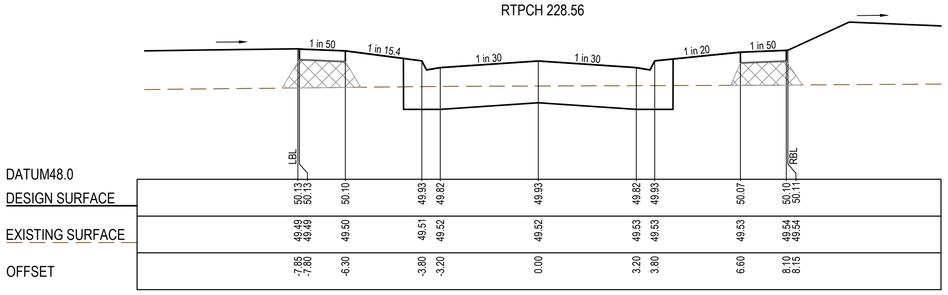
CH 48.38



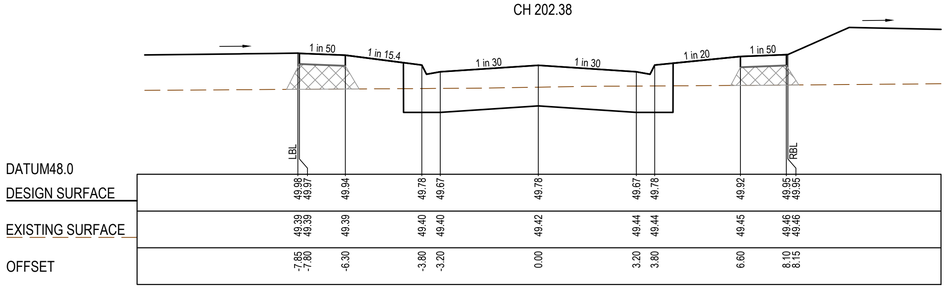
RTPCH 252.16



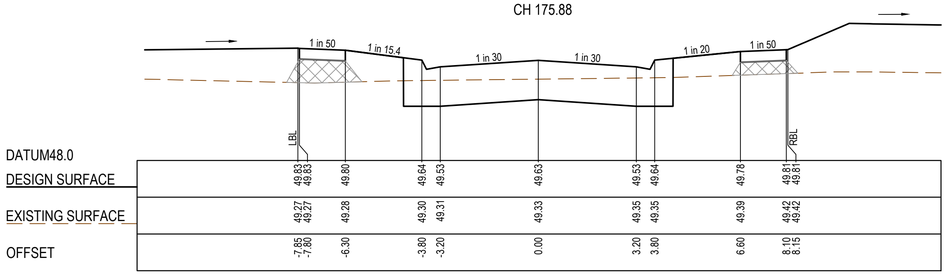
RTPCH 228.56



CH 202.38



CH 175.88



CH 150.88

AS CONSTRUCTED PLANS

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PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

AS CONSTRUCTED

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

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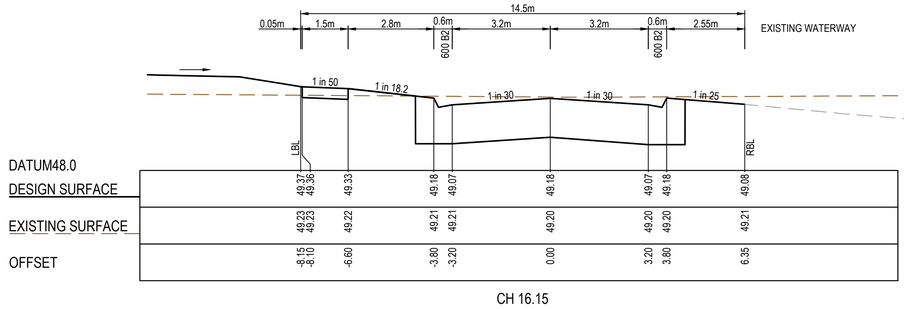
Melbourne, VIC 3008
Ph 03 9514 1500

GROWLAND

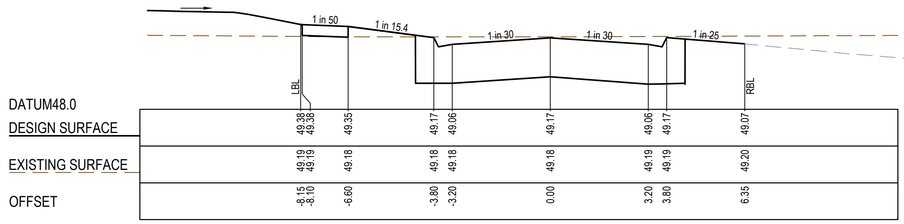
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Reunion Road
Ch 48.38 - Ch 252.16

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-255	17 of 28	1

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-255.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:37:08 AM



CH 16.15



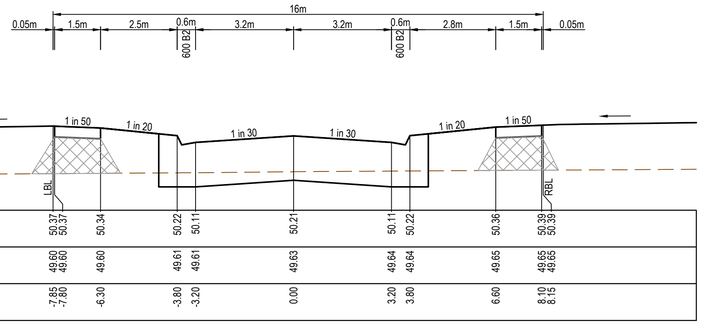
TPCH 11.80

RECOGNITION AVENUE CROSS SECTION

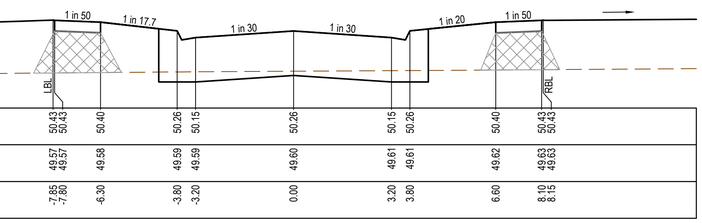
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE

Waterway Q100 LEVEL: 47.59 RL

Waterway Q100 LEVEL: 47.59 RL



CH 267.88



CREST 258.93

REUNION ROAD CROSS SECTION

AS CONSTRUCTED PLANS

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PLAN OF SUB. NO. PS900882T

PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

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

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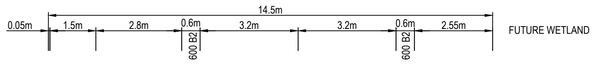
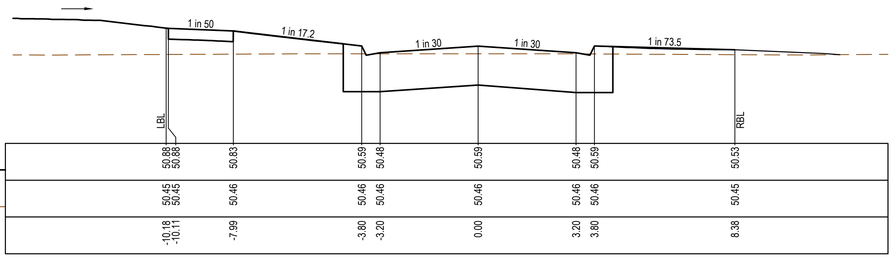
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Reunion Road Ch 258.93 - Ch 267.88
Recognition Ave. Ch 11.80 - Ch 16.15

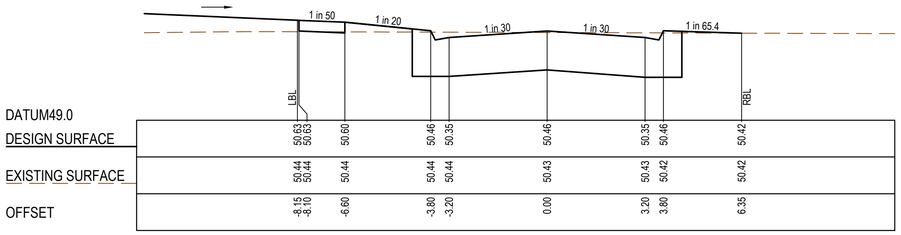
MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-256	18 of 28	1

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

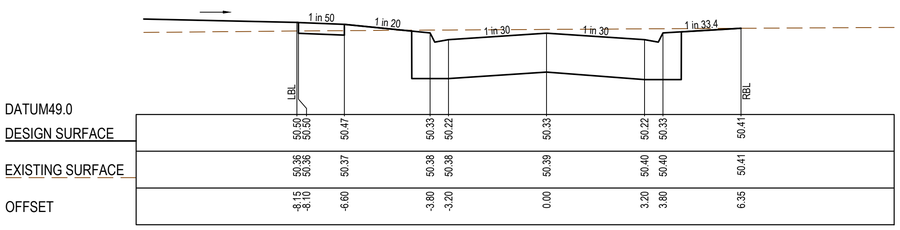




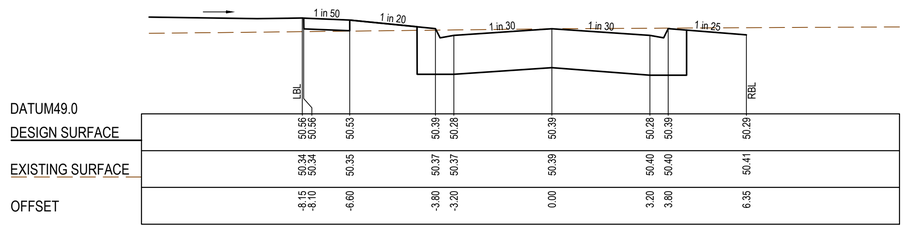
TPCH 452.37



CH 426.83



CH 401.00



CH 387.50

AS CONSTRUCTED PLANS

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PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

AS CONSTRUCTED

0 5 10 20
Scale 1:500
SCALE AS SHOWN AT A1

N

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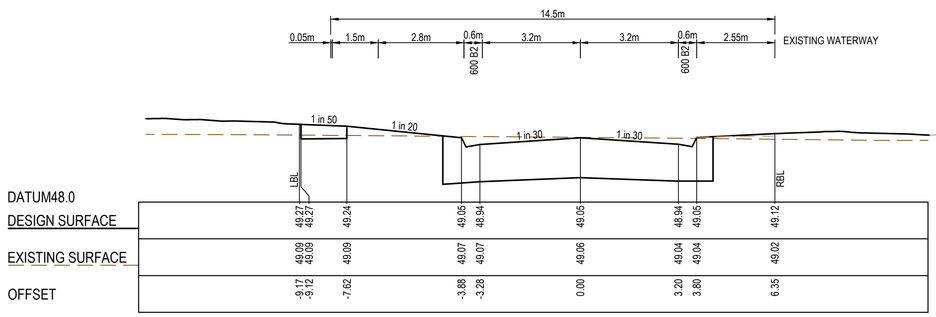
GROWLAND

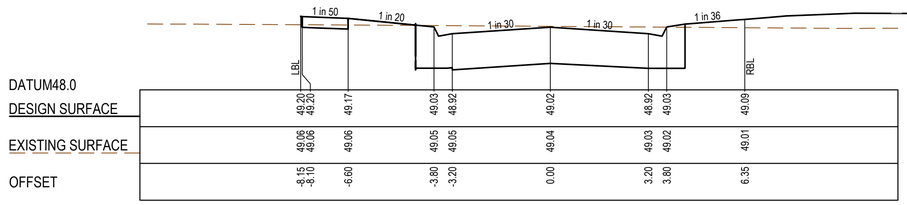
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Recognition Avenue
Recognition Ave. Ch 387.50 - Ch 452.37

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-257	19 of 28	1

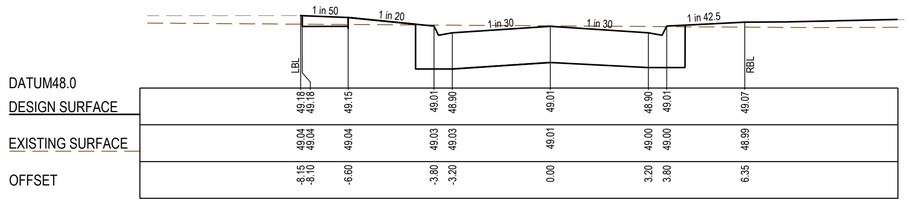
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



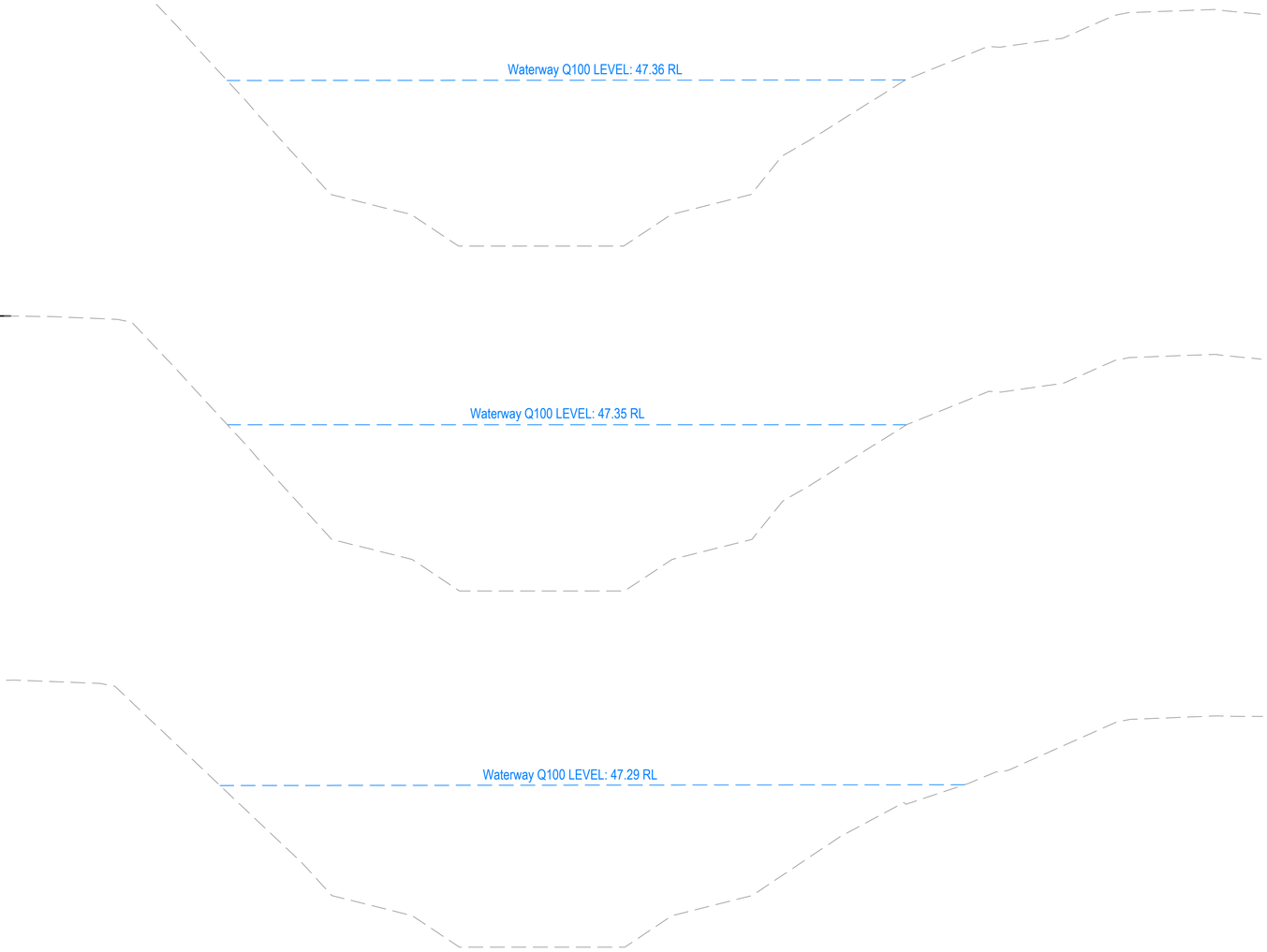
TPCH 500.00



TPCH 496.45



CH 493.37



AS CONSTRUCTED PLANS

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PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

AS CONSTRUCTED

0 5 10 20
Scale 1:500
SCALE AS SHOWN AT A1

N

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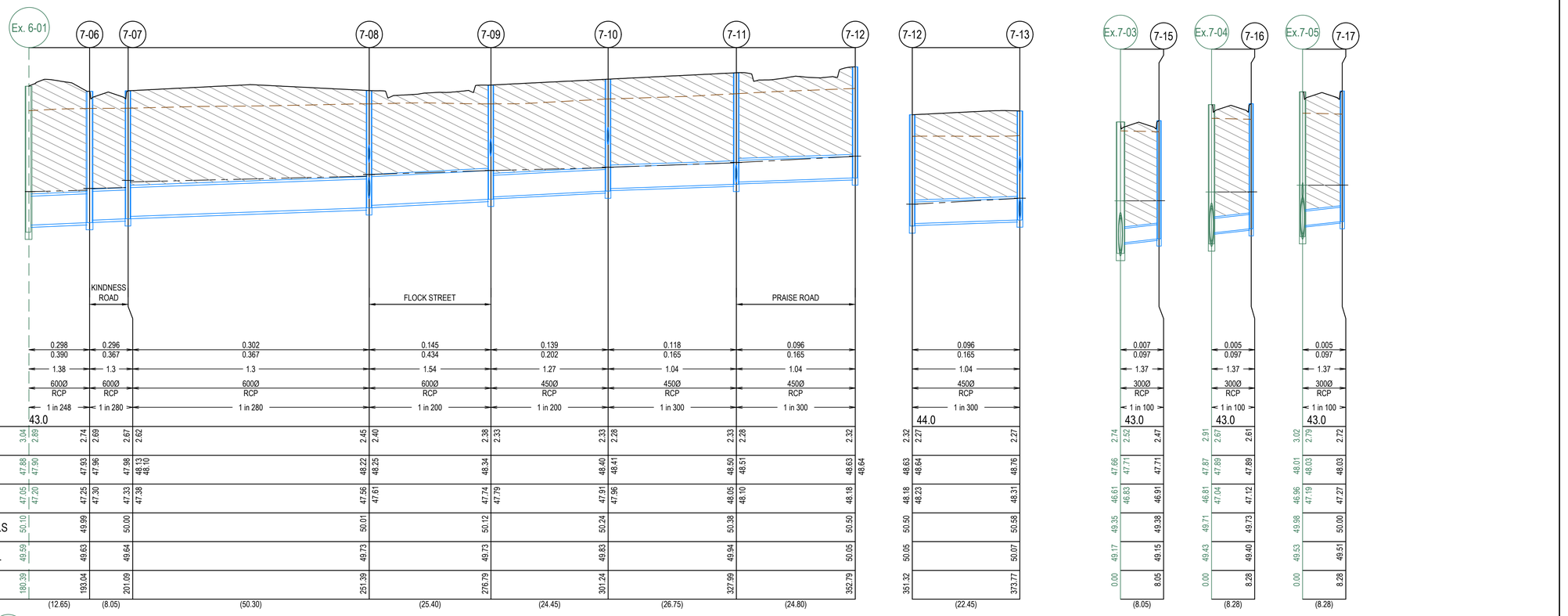
GROWLAND

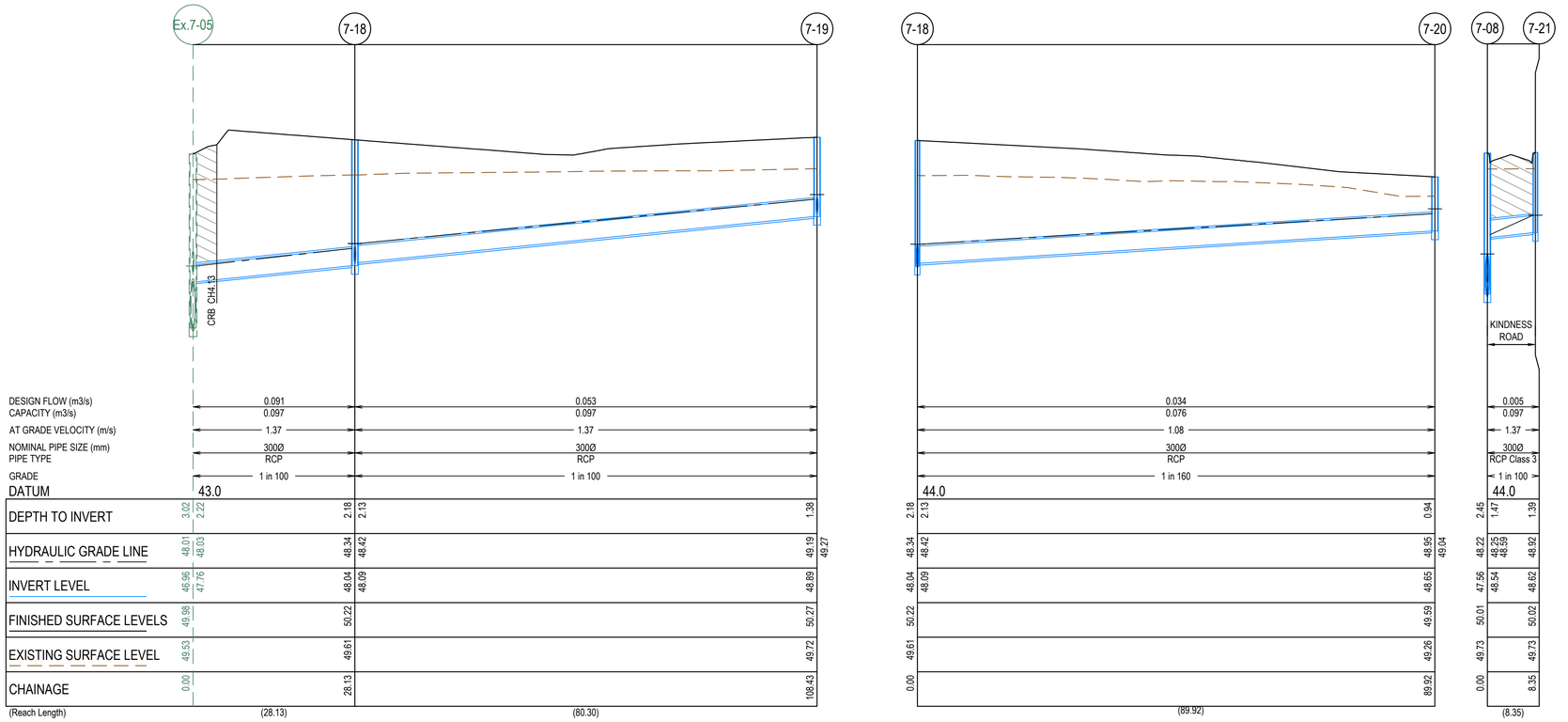
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Cross Sections: Padma Boulevard
Ch 493.365 - 500.00

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-258	20 of 28	1

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-258.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:38:02 AM

CRUSHED ROCK BACKFILL
CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH COUNCIL STANDARDS & SPECIFICATIONS, CLASS 3 UNLESS SPECIFIED OTHERWISE





AS CONSTRUCTED PLANS

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PLAN OF SUB. NO. PS900882T
PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

0 5 10 20
0 0.5 1 2
Scale H1:500, V1:50
SCALE AS SHOWN AT A1

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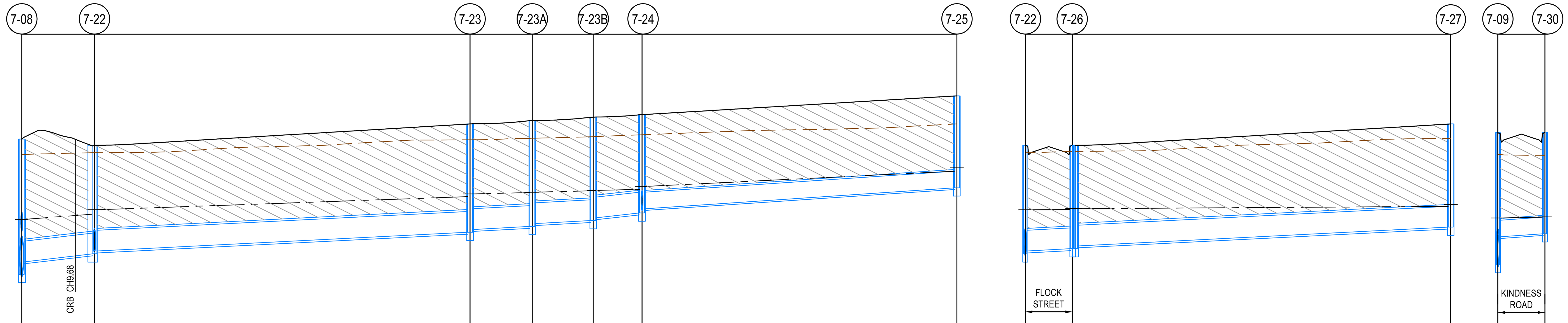
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Drainage Longitudinal Sections - 1

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-301	21 of 28	2

DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-301.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:38:16 AM



CRUSHED ROCK BACKFILL
CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH COUNCIL STANDARDS & SPECIFICATIONS, CLASS 3 UNLESS SPECIFIED OTHERWISE

7-08 to 7-25 (DATUM 44.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	NOMINAL PIPE SIZE (mm)	PIPE TYPE	GRADE	(Reach Length)
7-08 – 7-22	0.147	0.185	1.67	375Ø	RCP	1 in 90.1	(13.13)
7-22 – 7-23	0.104	0.124	1.12	375Ø	RCP	1 in 200	(67.85)
7-23 – 7-23A	0.082	0.124	1.12	375Ø	RCP	1 in 200	(11.24)
7-23A – 7-23B	0.083	0.124	1.12	375Ø	RCP	1 in 200	(11.01)
7-23B – 7-24	0.083	0.175	1.59	375Ø	RCP	1 in 100	(8.82)
7-24 – 7-25	0.029	0.079	1.12	300Ø	RCP	1 in 150	(56.87)

Pit	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE
7-08	2.45 / 2.22	48.52 / 48.55	47.56 / 47.79	50.01	49.73	0.00
7-22	1.96 / 1.91	48.65 / 48.73	47.93 / 47.98	49.89	49.76	13.13
7-23	1.96 / 1.91	48.96 / 49.01	48.32 / 48.37	50.28	49.99	80.98
7-23A	1.91 / 1.86	49.04 / 49.04	48.43 / 48.48	50.34	50.02	92.22
7-23B	1.87 / 1.82	49.07 / 49.08	48.53 / 48.58	50.40	50.05	103.23
7-24	1.78 / 1.70	49.10 / 49.15	48.67 / 48.74	50.45	50.08	112.04
7-25	1.66	49.42 / 49.49	49.12	50.79	50.28	168.92

7-22 to 7-27 (DATUM 44.0)

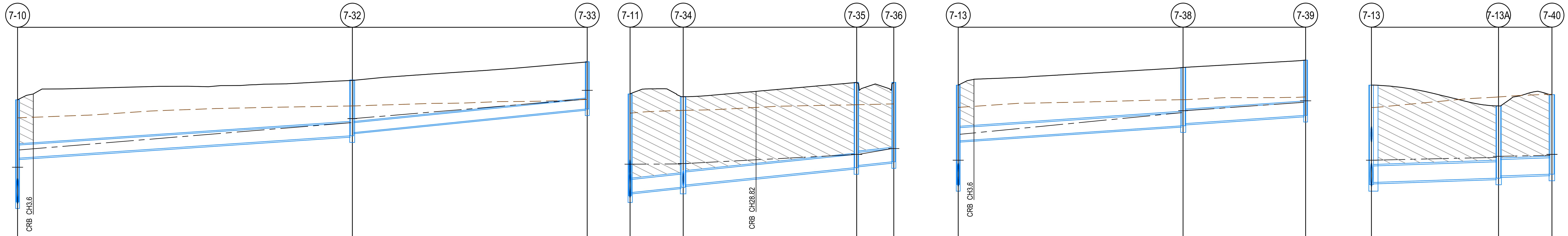
Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	NOMINAL PIPE SIZE (mm)	PIPE TYPE	GRADE	(Reach Length)
7-22 – 7-26	0.042	0.124	1.12	375Ø	RCP	1 in 200	(8.50)
7-26 – 7-27	0.033	0.124	1.12	375Ø	RCP	1 in 200	(67.85)

Pit	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE
7-22	1.96 / 1.91	48.65 / 48.73	47.93 / 47.98	49.89	49.76	0.00
7-26	1.87 / 1.82	48.73 / 48.75	48.02 / 48.07	49.89	49.78	8.50
7-27	1.87	48.79 / 48.82	48.41	50.28	50.02	76.35

7-09 to 7-30 (DATUM 44.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	NOMINAL PIPE SIZE (mm)	PIPE TYPE	GRADE	(Reach Length)
7-09 – 7-30	0.006	0.079	1.12	300Ø	RCP	1 in 150	(8.50)

Pit	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE
7-09	2.38 / 1.88	48.58	47.74 / 48.24	50.12	49.73	0.00
7-30	1.84	48.59	48.29	50.13	49.71	8.50



7-10 to 7-33 (DATUM 44.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	NOMINAL PIPE SIZE (mm)	PIPE TYPE	GRADE	(Reach Length)
7-10 – 7-32	0.059	0.079	1.12	300Ø	RCP	1 in 150	(76.55)
7-32 – 7-33	0.029	0.045	1.13	225Ø	RCP	1 in 100	(53.72)

Pit	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE
7-10	2.33 / 1.33	48.68 / 48.70 / 49.10	47.91 / 48.91	50.24	49.83	0.00
7-32	1.28 / 1.20	49.72 / 49.81	49.42 / 49.50	50.70	50.10	76.55
7-33	1.08	50.26 / 50.46	50.03	51.11	50.25	130.27

7-11 to 7-36 (DATUM 44.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	NOMINAL PIPE SIZE (mm)	PIPE TYPE	GRADE	(Reach Length)
7-11 – 7-34	0.024	0.097	1.37	300Ø	RCP	1 in 100	(12.17)
7-34 – 7-35	0.012	0.097	1.37	300Ø	RCP	1 in 100	(39.65)
7-35 – 7-36	0.006	0.097	1.37	300Ø	RCP	1 in 100	(8.50)

Pit	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE
7-11	2.33 / 2.25	48.76 / 48.77	48.05 / 48.12	50.38	49.94	0.00
7-34	2.07 / 2.02	48.78 / 48.79	48.25 / 48.30	50.32	50.00	12.17
7-35	1.95 / 1.90	48.99	48.69 / 48.74	50.64	50.13	51.82
7-36	1.81	49.13	48.83	50.64	50.15	60.32

7-13 to 7-39 (DATUM 44.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	NOMINAL PIPE SIZE (mm)	PIPE TYPE	GRADE	(Reach Length)
7-13 – 7-38	0.039	0.079	1.12	300Ø	RCP	1 in 150	(51.42)
7-38 – 7-39	0.019	0.079	1.12	300Ø	RCP	1 in 150	(28.02)

Pit	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE
7-13	2.27 / 1.27	48.85 / 48.86 / 49.46	48.31 / 49.31	50.58	50.07	0.00
7-38	1.33 / 1.28	49.95 / 49.99	49.65 / 49.70	50.98	50.24	51.42
7-39	1.26	50.19 / 50.22	49.89	51.15	50.31	79.44

7-13 to 7-40 (DATUM 44.0)

Reach	DESIGN FLOW (m3/s)	CAPACITY (m3/s)	AT GRADE VELOCITY (m/s)	NOMINAL PIPE SIZE (mm)	PIPE TYPE	GRADE	(Reach Length)
7-13 – 7-13A	0.082	0.101	0.92	375Ø	RCP	1 in 300	(29.05)
7-13A – 7-40	0.079	0.101	0.92	375Ø	RCP Class 3	1 in 300	(12.22)

Pit	DEPTH TO INVERT	HYDRAULIC GRADE LINE	INVERT LEVEL	FINISHED SURFACE LEVELS	EXISTING SURFACE LEVEL	CHAINAGE
7-13	2.27 / 2.22	48.85 / 48.86	48.31 / 48.36	50.58	50.07	-29.05
7-13A	1.65 / 1.60	48.93 / 48.95	48.45 / 48.50	50.10	50.31	0.00
7-40	1.82 / 1.77	48.98 / 49.00	48.54 / 48.59	50.36	50.37	12.22

AS CONSTRUCTED PLANS

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AS CONSTRUCTED

PLAN OF SUB. NO. PS900882T
PERMIT REF. NO. WYP10365/17.01

0 5 10 20
0 0.5 1 2
Scale H1:500, V1:50
SCALE AS SHOWN AT A1

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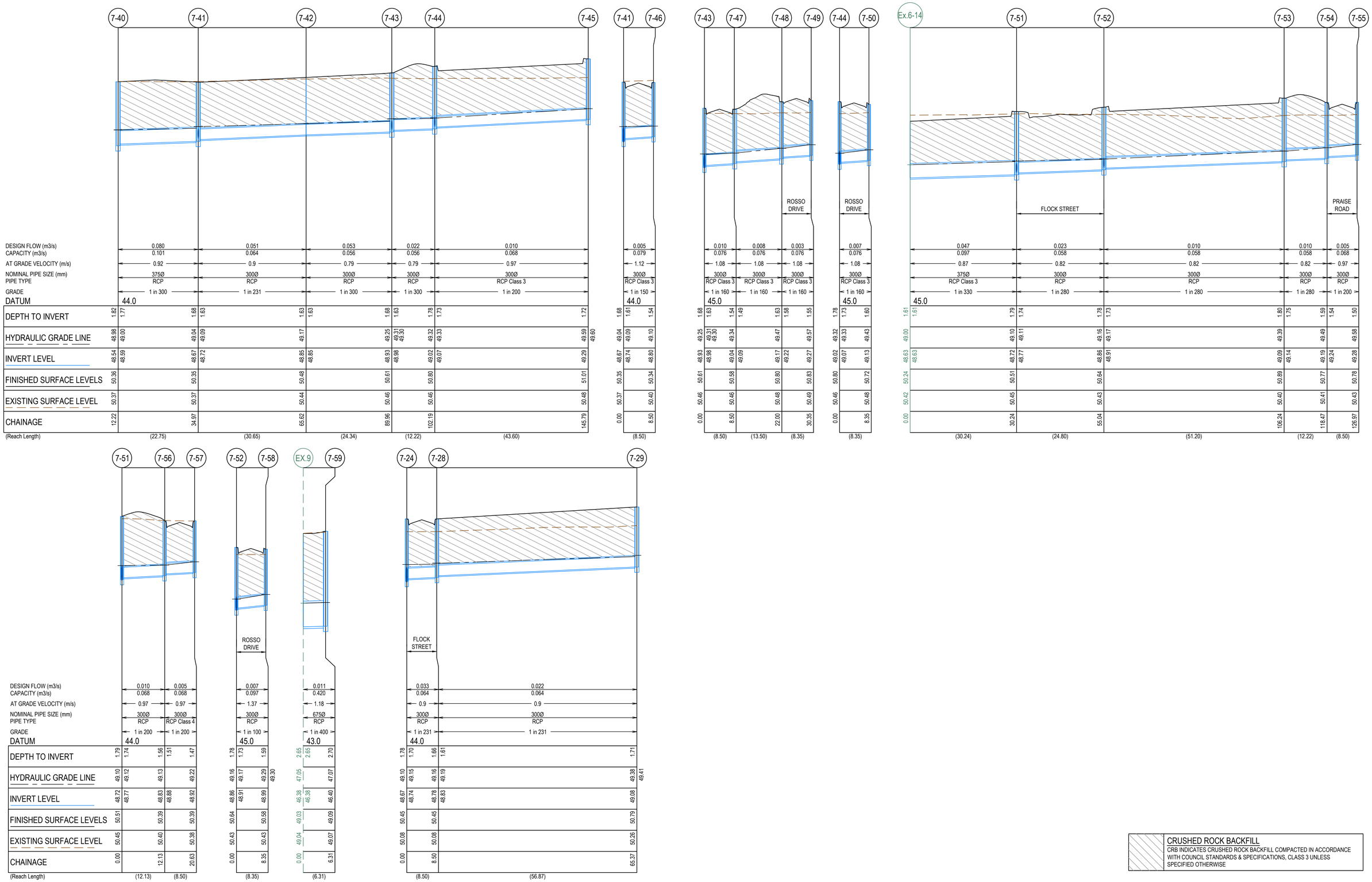
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Drainage Longitudinal Sections - 2

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-302	22 of 28	1



CRUSHED ROCK BACKFILL
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PLAN OF SUB. NO. PS900882T
PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

0 0.5 1 2 5 10 20
Scale H1:500, V1:50
SCALE AS SHOWN AT A1

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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Drainage Longitudinal Sections - 3

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-303	23 of 28	1

PIT SCHEDULE

PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		F.S.L.	DEPTH	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INV R.L. (m)	DIAMETER (mm)	INV R.L. (m)				
07-01	DOUBLE SIDE ENTRY PIT	900	1200	825	46.433	825	46.383	49.156	2.773	EDCM 605 & MW 7251/08/404	EXISTING JUNCTION PIT. CONVERT TO SEP & ADJUST THE LID TO THE NEW FINISH SURFACE LEVEL.
07-02	DOUBLE SIDE ENTRY PIT	1350	1050	750 600	46.512 46.53	825	46.462	49.173	2.711	EDCM 605 MW 7251/08/404	EXISTING JUNCTION PIT. CONVERT TO SEP & ADJUST THE LID TO THE NEW FINISH SURFACE LEVEL.
07-03	DOUBLE SIDE ENTRY PIT	1500	900	750 300	46.66 46.831	750	46.61	49.35	2.74	EDCM 601	EXISTING JUNCTION PIT. CONVERT TO DSEP & ADJUST THE LID TO THE NEW FINISH SURFACE LEVEL.
07-04	SIDE ENTRY PIT	1050	900	750 300	46.856 47.04	750	46.806	49.713	2.907	EDCM 601	EXISTING JUNCTION PIT. CONVERT TO SEP & ADJUST THE LID TO THE NEW FINISH SURFACE LEVEL.
07-05	SIDE ENTRY PIT	1050	900	750 300 300	47.009 47.19 47.759	750	46.959	49.979	3.02	EDCM 601	EXISTING JUNCTION PIT. CONVERT TO SEP & ADJUST THE LID TO THE NEW FINISH SURFACE LEVEL.
07-06	DOUBLE SIDE ENTRY PIT	1200	900	600	47.302	600	47.252	49.99	2.738	EDCM 602&607	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
07-07	DOUBLE SIDE ENTRY PIT	900	900	600	47.381	600	47.331	50.001	2.67	EDCM 602&607	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
07-08	DOUBLE SIDE ENTRY PIT	900	900	600 300 375	47.61 48.54 47.785	600	47.56	50.006	2.445	EDCM 602&607	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
07-09	SIDE ENTRY PIT	600	900	450 300	47.787 48.237	600	47.737	50.12	2.383	EDCM 601	
07-10	SIDE ENTRY PIT	600	900	450 300	47.96 48.91	450	47.91	50.242	2.333	EDCM 601	
07-11	SIDE ENTRY PIT	600	900	450 300 300	48.099 48.124 48.549	450	48.049	50.376	2.327	EDCM 601	
07-12	SIDE ENTRY PIT	600	900	450	48.231	450	48.181	50.5	2.319	EDCM 601	
07-13	JUNCTION PIT	600	900	300 375	49.306 48.356	450	48.306	50.578	2.271	EDCM 605	
07-15	DOUBLE SIDE ENTRY PIT	600	900			300	46.911	49.379	2.468	EDCM 602	
07-16	SIDE ENTRY PIT	600	900			300	47.123	49.731	2.609	EDCM 601	
07-17	SIDE ENTRY PIT	600	900			300	47.273	49.997	2.724	EDCM 601	
07-18	JUNCTION PIT	600	900	300 300	48.09 48.09	300	48.04	50.225	2.185	EDCM 605	
07-19	JUNCTION PIT	600	900	300	48.943	300	48.893	50.269	1.375	EDCM 605	
07-20	JUNCTION PIT	600	900			300	48.652	49.592	0.94	EDCM 605	
07-21	DOUBLE SIDE ENTRY PIT	600	900			300	48.624	50.017	1.393	EDCM 602	
07-22	DOUBLE SIDE ENTRY PIT	600	900	375 375	47.981 47.981	375	47.931	49.894	1.963	EDCM 602	
07-23	SIDE ENTRY PIT	600	900	375	48.37	375	48.32	50.278	1.958	EDCM 601	
7-23A	JUNCTION PIT	600	900	375	48.477	375	48.427	50.339	1.913	EDCM 605	
7-23B	JUNCTION PIT	900	600	375	48.582	375	48.532	50.401	1.869	EDCM 605	
07-24	SIDE ENTRY PIT	600	900	300 300	48.745 48.745	375	48.67	50.446	1.776	EDCM 601	
07-25	JUNCTION PIT	600	900			300	49.124	50.785	1.662	EDCM 605	HEAVY DUTY CLASS D COVER
07-26	DOUBLE SIDE ENTRY PIT	600	900	375	48.074	375	48.024	49.894	1.87	EDCM 605	
07-27	SIDE ENTRY PIT	600	900			375	48.413	50.278	1.865	EDCM 601	
07-28	SIDE ENTRY PIT	600	900	300	48.832	300	48.782	50.446	1.664	EDCM 601	
07-29	JUNCTION PIT	600	900			300	49.078	50.785	1.708	EDCM 605	HEAVY DUTY CLASS D COVER
07-30	SIDE ENTRY PIT	600	900			300	48.294	50.131	1.837	EDCM 601	
07-32	JUNCTION PIT	900	600	225	49.495	300	49.42	50.696	1.276	EDCM 605	
07-33	JUNCTION PIT	600	900			225	50.032	51.113	1.081	EDCM 605	
07-34	DOUBLE SIDE ENTRY PIT	600	900	300 300	48.295 48.295	300	48.245	50.317	2.071	EDCM 605	
07-35	SIDE ENTRY PIT	600	900	300	48.742	300	48.692	50.642	1.95	EDCM 601	
07-36	SIDE ENTRY PIT	600	900			300	48.827	50.642	1.815	EDCM 601	
07-38	JUNCTION PIT	900	600	300	49.699	300	49.649	50.981	1.332	EDCM 605	
07-39	JUNCTION PIT	600	900			300	49.886	51.15	1.264	EDCM 605	
7-13A	DOUBLE SIDE ENTRY PIT	600	900	375	48.503	375	48.453	50.103	1.65	EDCM 605	
07-40	SIDE ENTRY PIT	600	900	375	48.594	375	48.544	50.362	1.818	EDCM 601	
07-41	DOUBLE SIDE ENTRY PIT	600	900	300 300	48.72 48.745	375	48.67	50.353	1.683	EDCM 605	
07-42	TURNING POINT			300	48.852	300	48.852	50.485	1.633		
07-43	SIDE ENTRY PIT	600	900	300 300	48.983 48.983	300	48.933	50.614	1.681	EDCM 601	
07-44	DOUBLE SIDE ENTRY PIT	600	900	300 300	49.074 49.074	300	49.024	50.8	1.776	EDCM 605	
07-45	JUNCTION PIT	600	900			300	49.292	51.012	1.72	EDCM 605	
07-46	DOUBLE SIDE ENTRY PIT	600	900			300	48.801	50.344	1.542	EDCM 605	
07-47	SIDE ENTRY PIT	600	900	300	49.087	300	49.037	50.577	1.54	EDCM 601	
07-48	SIDE ENTRY PIT	600	900	300	49.221	300	49.171	50.796	1.625	EDCM 601	
07-49	SIDE ENTRY PIT	600	900			300	49.273	50.827	1.554	EDCM 601	
07-50	DOUBLE SIDE ENTRY PIT	600	900			300	49.126	50.722	1.596	EDCM 605	
07-51	SIDE ENTRY PIT	600	900	300 300	48.771 48.771	375	48.721	50.515	1.794	EDCM 601	
07-52	SIDE ENTRY PIT	600	900	300 300	48.91 48.91	300	48.86	50.639	1.779	EDCM 601	
07-53	SIDE ENTRY PIT	600	900	300	49.143	300	49.093	50.895	1.802	EDCM 601	
07-54	DOUBLE SIDE ENTRY PIT	600	900	300	49.236	300	49.186	50.774	1.587	EDCM 605	
07-55	DOUBLE SIDE ENTRY PIT	600	900			300	49.279	50.777	1.499	EDCM 605	
07-56	DOUBLE SIDE ENTRY PIT	600	900	300	48.882	300	48.832	50.392	1.559	EDCM 605	
07-57	DOUBLE SIDE ENTRY PIT	600	900			300	48.925	50.393	1.468	EDCM 605	
07-58	SIDE ENTRY PIT	600	900			300	48.993	50.583	1.589	EDCM 601	
Ex.9	ENDPIPE			675	46.38			49.031	0		CONNECT TO EXISTING PIPE
07-59	SIDE ENTRY PIT	1050	900			675	46.396	49.092	2.696	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS

AS CONSTRUCTED PLANS

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AS CONSTRUCTED

PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

SCALE AS SHOWN AT A1

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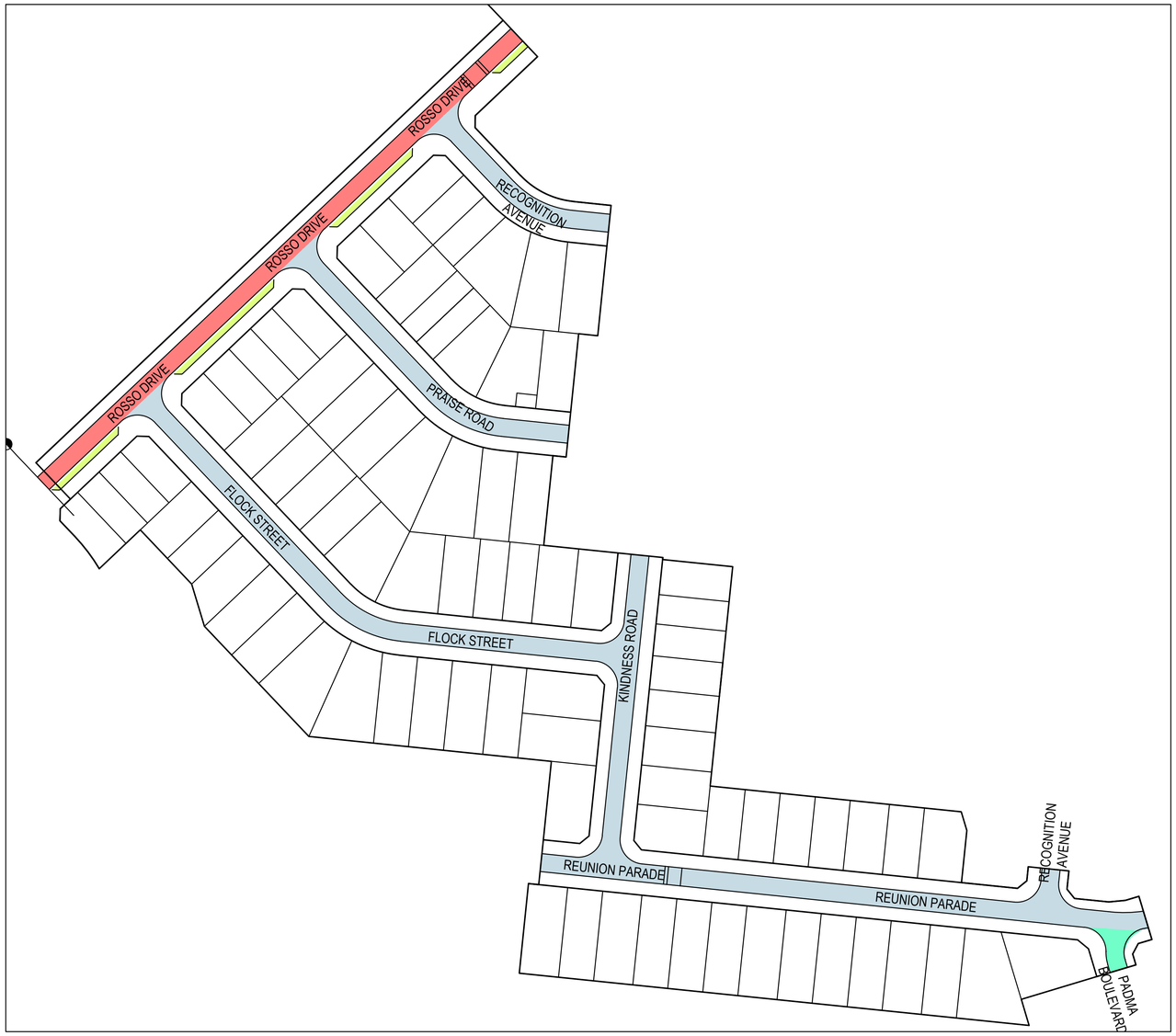
GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Pit Schedule

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-351	24 of 28	2



440mm PADMA BOULEVARD PAVEMENT COMPOSITION (TYPE C) AND 150mm DEEP CONSTRUCTION LAYER		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
A WEARING COURSE	40	SIZE 14 TYPE N ASPHALT, CLASS 320 BINDER
B INTERMEDIATE COURSE	75	SIZE 20 TYPE SI ASPHALT, CLASS 320 BINDER
C BASE COURSE	75	SIZE 20 TYPE SI ASPHALT, CLASS 320 BINDER
D SUBBASE	100	SIZE 20mm CLASS 3 CEMENT TREATED CRUSHED ROCK 3% (E=500MPa) COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 96% MODIFIED COMPACTION MAXIMUM DRY DENSITY AS 1289,5.2.1
E CAPPING LAYER	150	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. TO BE COMPACTED IN 2 LAYERS
F CONSTRUCTION LAYER	150	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. TO BE COMPACTED IN 2 LAYERS

635mm REUNION PDE, FLOCK ST., KINDNESS RD., PRAISE RD., RECOGNITION AVE. COMPOSITION (TYPE A)		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
ASPHALT WEARING COURSE	30	SIZE 10 TYPE N ASPHALT, CLASS 320 BINDER
ASPHALT BASE COURSE	30	SIZE 10 TYPE N ASPHALT, CLASS 320 BINDER
SEALING LAYER	10	SIZE 10 SAMI TREATEMENT
BONDING LAYER		PRIME COST IF NOT SUBJECTED TO TRAFFIC OTHERWISE PRIMER SEAL
BASE COURSE	130	SIZE 20 CLASS 2 CR, COMPACTED DEPTH. COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289, 5.2.1
SUB-BASE COURSE	135	SIZE 20 CLASS 3 CR, COMPACTED DEPTH. COMPACTED TO A MINIMUM DENSITY RATIO OF 97% (MODIFIED) MAXIMUM DRY DENSITY AS1289, 5.2.1
CAPPING LAYER	150	TYPE A MATERIAL CBR ≥8%, SWELL ≤1.5% & PERMEABILITY k ≤5 x 10^{-9}m/s. COMPACTED TO A MINIMUM DENSITY CHARACTERISTIC DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289, 5.1.1
CONSTRUCTION LAYER	150	TYPE A FILL MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY 5x10^{-9} m/s) COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1

740mm ROSSO DRIVE COMPOSITION (TYPE B)		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
ASPHALT WEARING COURSE	40	SIZE 14 TYPE H
ASPHALT INTERMEDIATE COURSE	75	SIZE 20 TYPE SI
ASPHALT BASE COURSE	75	SIZE 20 TYPE SI
BASE COURSE	100	VICROADS CLASS 2, SIZE 20mm, 3% CTCR
SUB-BASE COURSE	100	VICROADS CLASS 3, SIZE 20mm, FCR
CAPPING LAYER	200	TYPE A CAPPING LAYER MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY ≤ 5x10^{-9} m/s) COMPACTED TO A MINIMUM DENSITY CHARACTERISTIC DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289, 5.1.1
CONSTRUCTION LAYER	150	TYPE A CAPPING LAYER FILL MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY 5x10^{-9} m/s) COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% STANDARD MAXIMUM DRY DENSITY AS1289,5.1.1

750mm ROSSO DRIVE PARKING BAY - 200 VPD - PARKING BAY PAVEMENT COMPOSITION		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
CONCRETE	200	CONCRETE. SL82 MESH. 40mm TOP COVER
BASE COURSE	100	VICROADS CLASS 2, SIZE 20mm, 3% CTCR
SUB-BASE COURSE	100	VICROADS CLASS 3, SIZE 20mm, FCR
CAPPING LAYER	200	TYPE A CAPPING LAYER MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY ≤ 5x10^{-9} m/s) COMPACTED TO A MINIMUM DENSITY CHARACTERISTIC DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289, 5.1.1
CONSTRUCTION LAYER	150	TYPE A CAPPING LAYER FILL MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY 5x10^{-9} m/s) COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% STANDARD MAXIMUM DRY DENSITY AS1289,5.1.1

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.

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.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works
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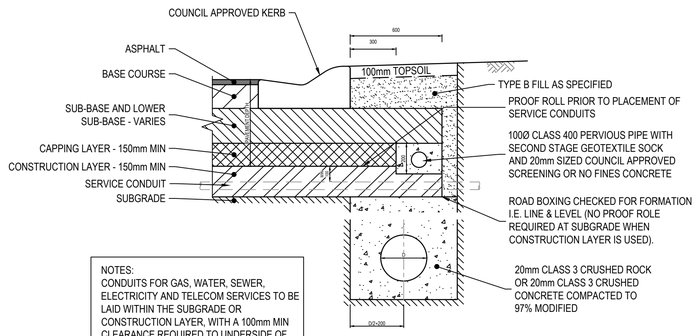
PAVEMENT NOTE
ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN AND TAYLOR. SMEC IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED FROM THE PAVEMENT REPORT (1008776.1000v3) FOR THIS DEVELOPMENT STAGE. THIS DOCUMENT SHOULD BE REVIEWED BY THE CONTRACTOR TO ENSURE DESIGN HAS BEEN INTERPRETED CORRECTLY. A COPY OF THIS DOCUMENT WILL BE MADE AVAILABLE ON REQUEST.



NOTES:
CONDUITS FOR GAS, WATER, SEWER, ELECTRICITY AND TELECOM SERVICES TO BE LAID WITHIN THE SUBGRADE OR CONSTRUCTION LAYER, WITH A 100mm MIN CLEARANCE REQUIRED TO UNDERSIDE OF CAPPING LAYER. CONDUITS SHALL NOT BE PLACED WITHIN THE PAVEMENT NOR THE CAPPING LAYER.

SUBSOIL DRAIN
(EXPANSIVE SOILS)
REFER EDCM STD DWG 202A
NOT TO SCALE

AS CONSTRUCTED PLANS

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PLAN OF SUB. NO. PS900882T
PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

0 10 20 40
Scale 1:1000
SCALE AS SHOWN AT A1

N

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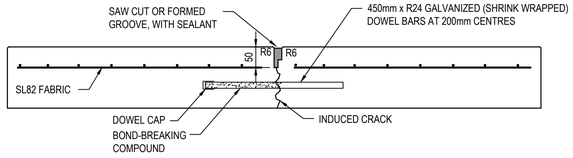
GROWLAND

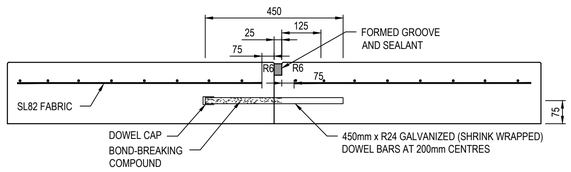
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Pavement Details - 1

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-411	25 of 28	2

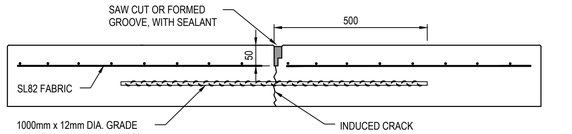
DWG PATH: V:_Vault\Projects_Urban\2360E-Marigold\2360E-07\Dwgs\2360E-007-411.dwg PRINTED BY: MS17237 on 12/02/2024 at 09:39:33 AM



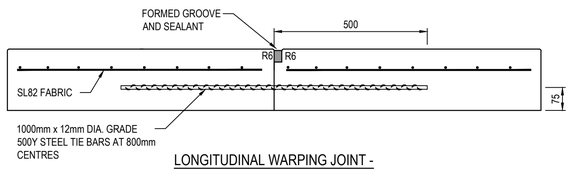
TRANSVERSE CONTRACTION JOINT - DOWELLED JOINT (CJ)



TRANSVERSE CONTRACTION JOINT - DOWELLED BUTT JOINT AT CONSTRUCTION JOINT (DJ)



LONGITUDINAL WARPING JOINT - WEAKENED PLANE JOINT (WJ)



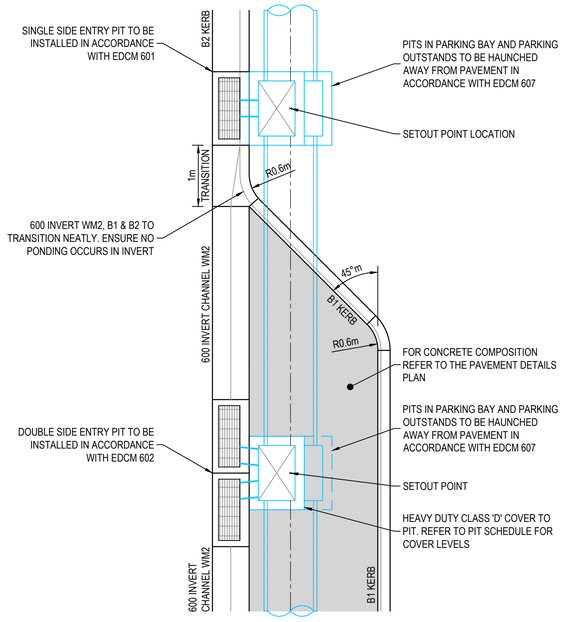
LONGITUDINAL WARPING JOINT - CONSTRUCTION JOINT (WCJ)

CONCRETE JOINTING DETAILS

NOT TO SCALE

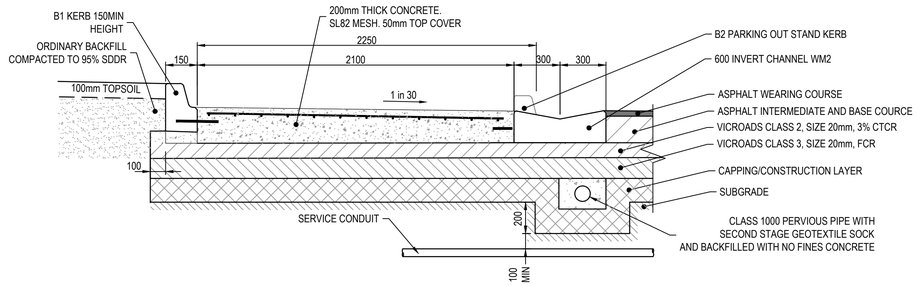
NOTES:

1. CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST SEVEN DAYS AFTER POURING.



TYPICAL PARKING BAY & DRAINAGE PIT LAYOUT

SCALE 1:50



SECTION THROUGH PARKING

NOT TO SCALE

NOTES:
CONDUITS FOR GAS, WATER, ELECTRICITY AND TELECOM SERVICES TO BE LOCATED CLEAR OF PAVEMENT AND THE SUBSURFACE DRAIN

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PLAN OF SUB. NO.	RP ENG .
PS900882T	RP ENG NO. .
PERMIT REF. NO.	DATE .
WYP10365/17.01	

AS CONSTRUCTED

0 5 10 20
Scale 1:500
SCALE AS SHOWN AT A1

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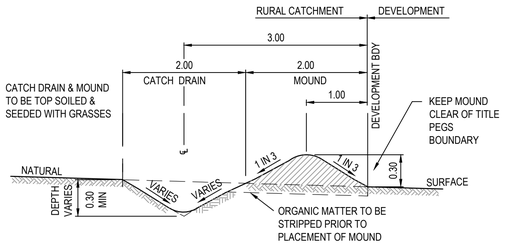
GROWLAND

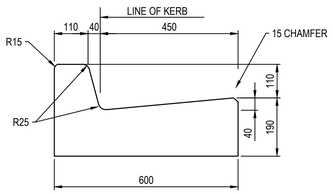
Marigold - Stage 7
Wyndham City Council
Road and Drainage
Pavement Details - 2

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-412	26 of 28	1



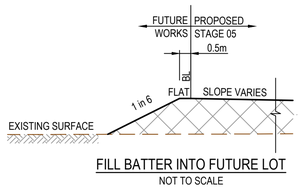
TYPICAL SECTION THROUGH CUT OFF DRAIN

NOT TO SCALE



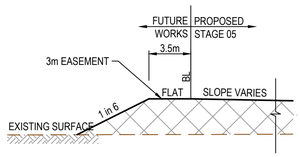
600 B2 KERB DETAIL

SCALE 1:10
EDCM



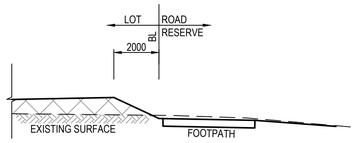
FILL BATTER INTO FUTURE LOT

NOT TO SCALE



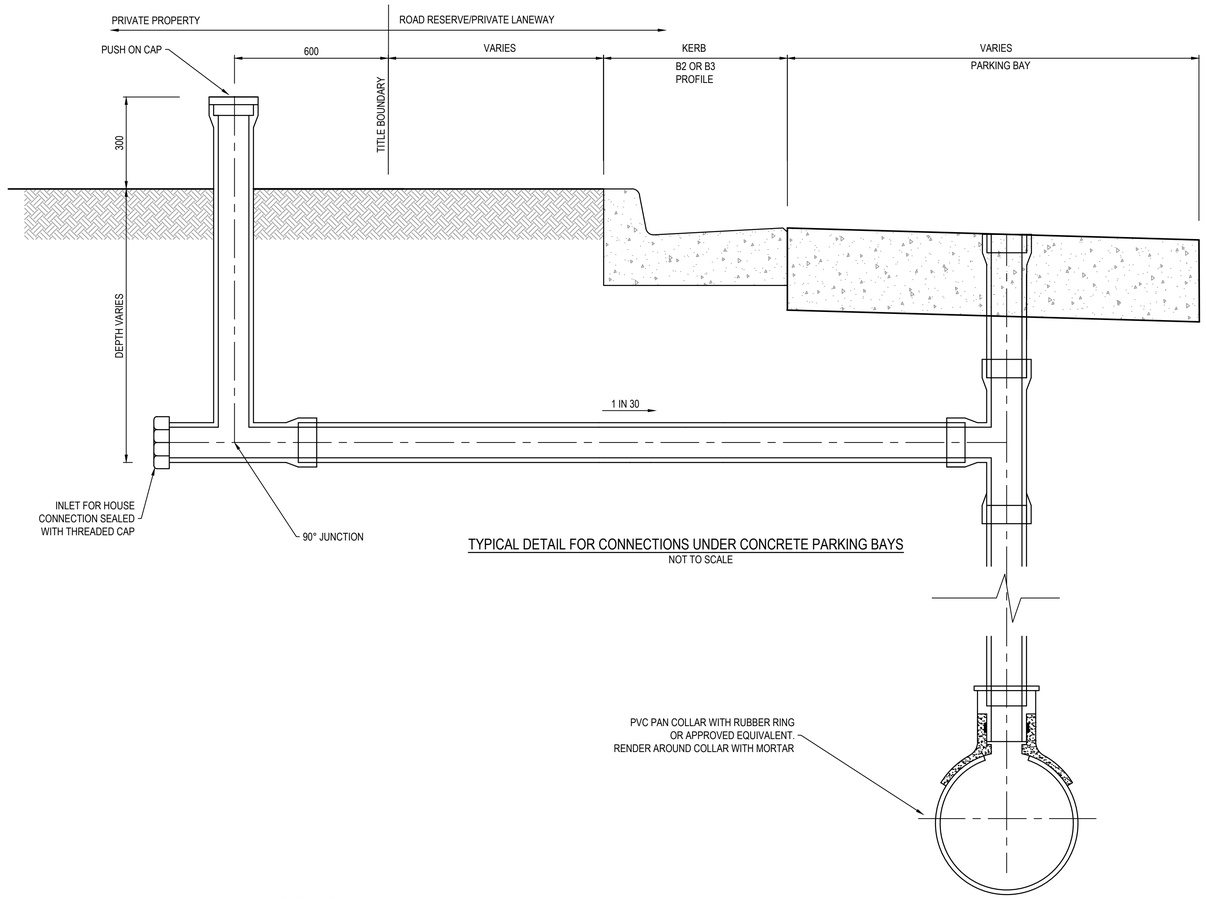
FILL BATTER (OVER EASEMENT) INTO FUTURE LOT

NOT TO SCALE



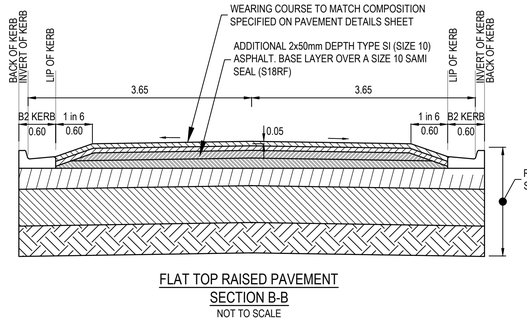
TYPICAL RIDGE BATTER DETAIL

NOT TO SCALE



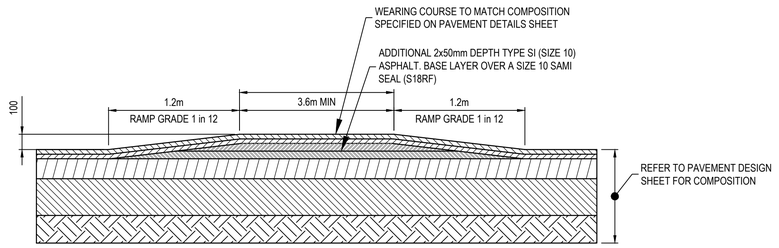
TYPICAL DETAIL FOR CONNECTIONS UNDER CONCRETE PARKING BAYS

NOT TO SCALE



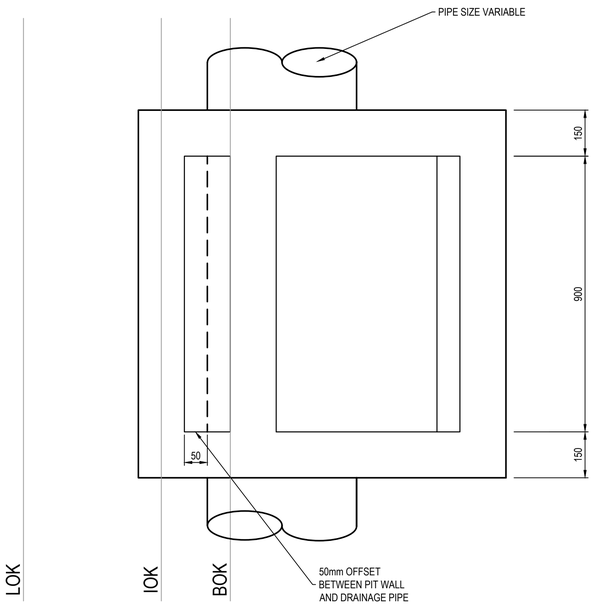
FLAT TOP RAISED PAVEMENT SECTION B-B

NOT TO SCALE



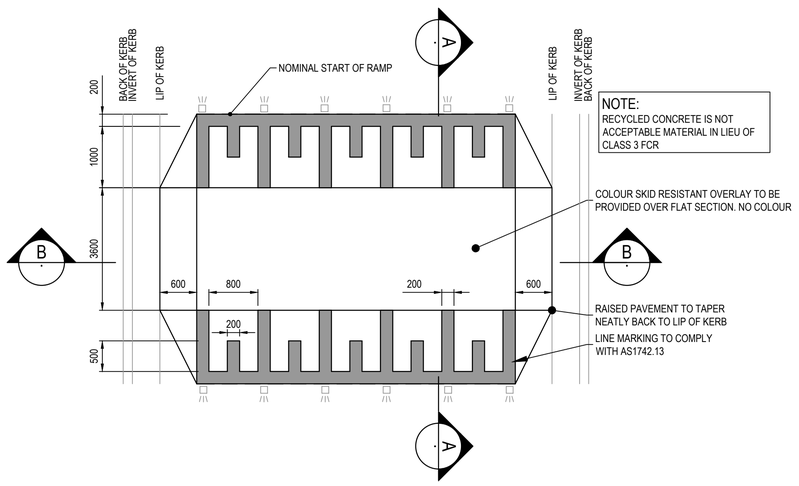
FLAT TOP RAISED PAVEMENT SECTION A-A

NOT TO SCALE



PIT REINFORCEMENT LAP DETAIL

SCALE 1:10



LINE MARKING FOR RAISED PAVEMENTS

NOT TO SCALE

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AS CONSTRUCTED

PLAN OF SUB. NO.	PS900882T
PERMIT REF. NO.	WYP10365/17.01

SCALE AS SHOWN AT A1

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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
General Details

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-007-421	27 of 28	2

PHASE	DISCIPLINE CODE		POTENTIAL RISK (Construction, Operations, Maintenance)		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	RESIDUAL RISK OWNER
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	N	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	N	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	N	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	N	1	4	4	Road Authority
Operational	RF	Road Furniture	Headwalls	Potential vehicle conflict within clear zone	Road Authority	Increased potential for accidents	Establish adequate clear zone provision	Adequate barrier provided as per appropriate standard where within clear zone. Culvert headwall selection in accordance with authority standard	N	2	4	8	Road Authority
Operational	RD	Roads	Culverts	Potential fall hazard during maintenance, by vechicles and pedestrians	Relevant Authority	Falling from a height	Barriers to be provided in accordance with road standards	Barriers to be provided and safe batter slopes (>1:3)	N	2	5	10	Constructor
Drainage													
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	N	1	4	4	Authority
Maintenance	DR	Drainage	Access to Pits	Lack of safe access for maintenance	Relevant Authority	Increased risk to maintenance crews	Provide safe working conditions for maintenance. Provide safe landing/ access arrangements as per relevant authority standards	Where possible design pit in location for easy access and outside of permanent water bodies	N	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	N	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	N	2	3	6	
Sewer													
Maintenance	SE	Sewer	Deep Manholes	Lack of safe entry for maintenance	Relevant Authority	Increased potential for accidents	Contractor to be certified for work in confined spaces, landings and step access provided as per authority standards and schedule	Design in accordance with authority standards. Refer pit schedule on drawings	N	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	N	1	5	5	Authority
Electricity													
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	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	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	N	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	N	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	N	1	1	1	Authority

AS CONSTRUCTED PLANS

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

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PLAN OF SUB. NO. PS900882T

PERMIT REF. NO. WYP10365/17.01

AS CONSTRUCTED

SCALE AS SHOWN AT A1

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GROWLAND

Marigold - Stage 7
Wyndham City Council
Road and Drainage
Safety In Design

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
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