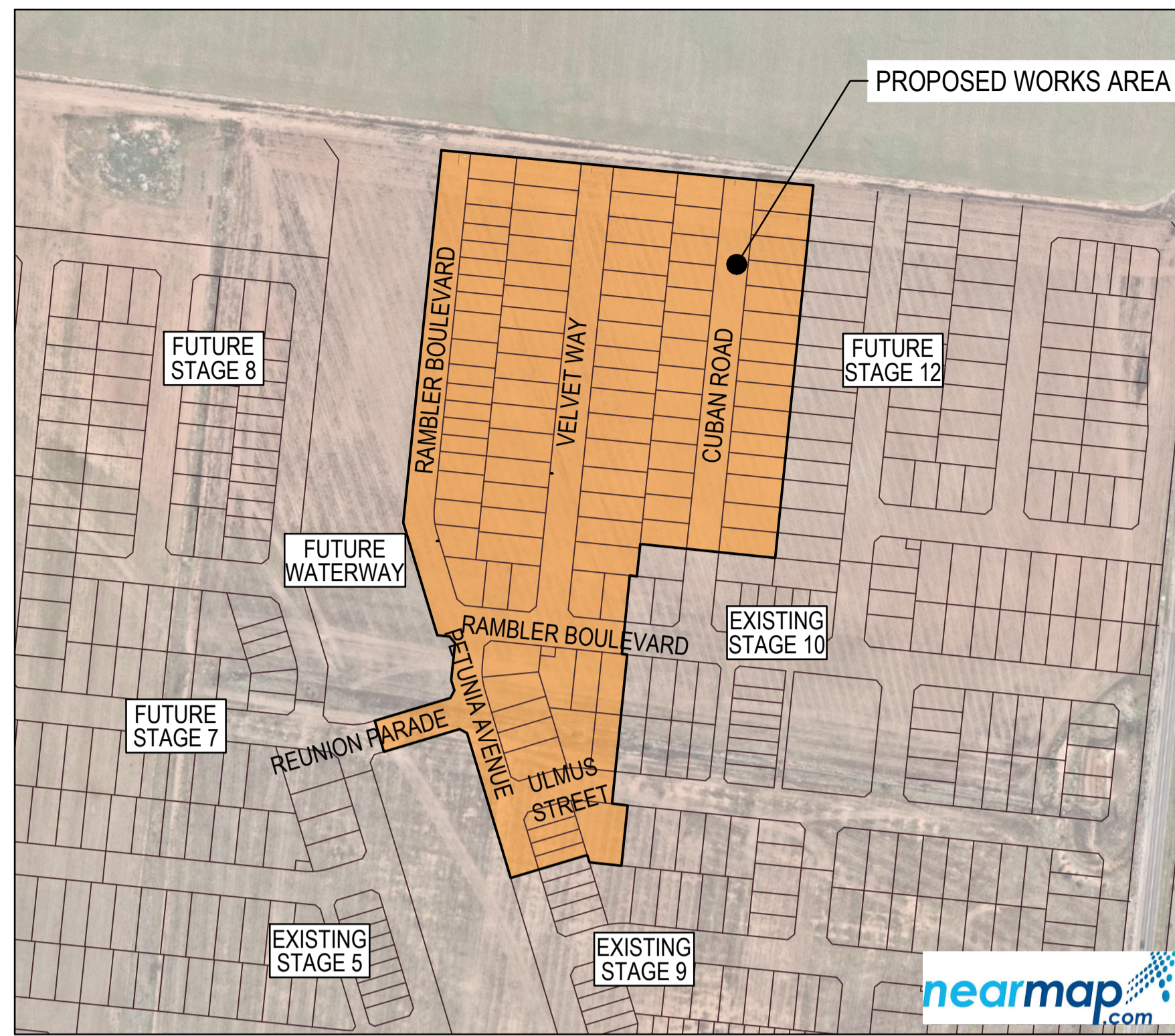
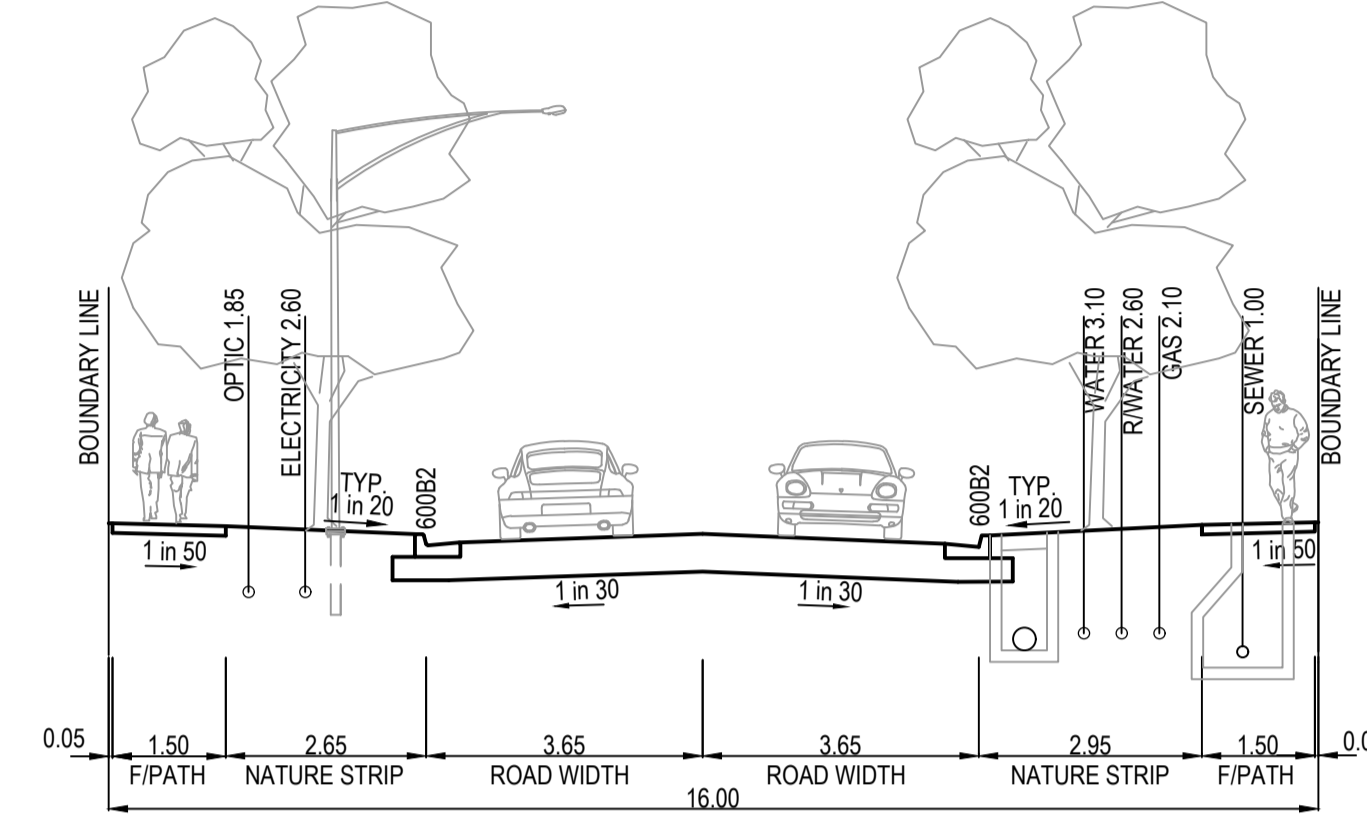


# Marigold Stage 11

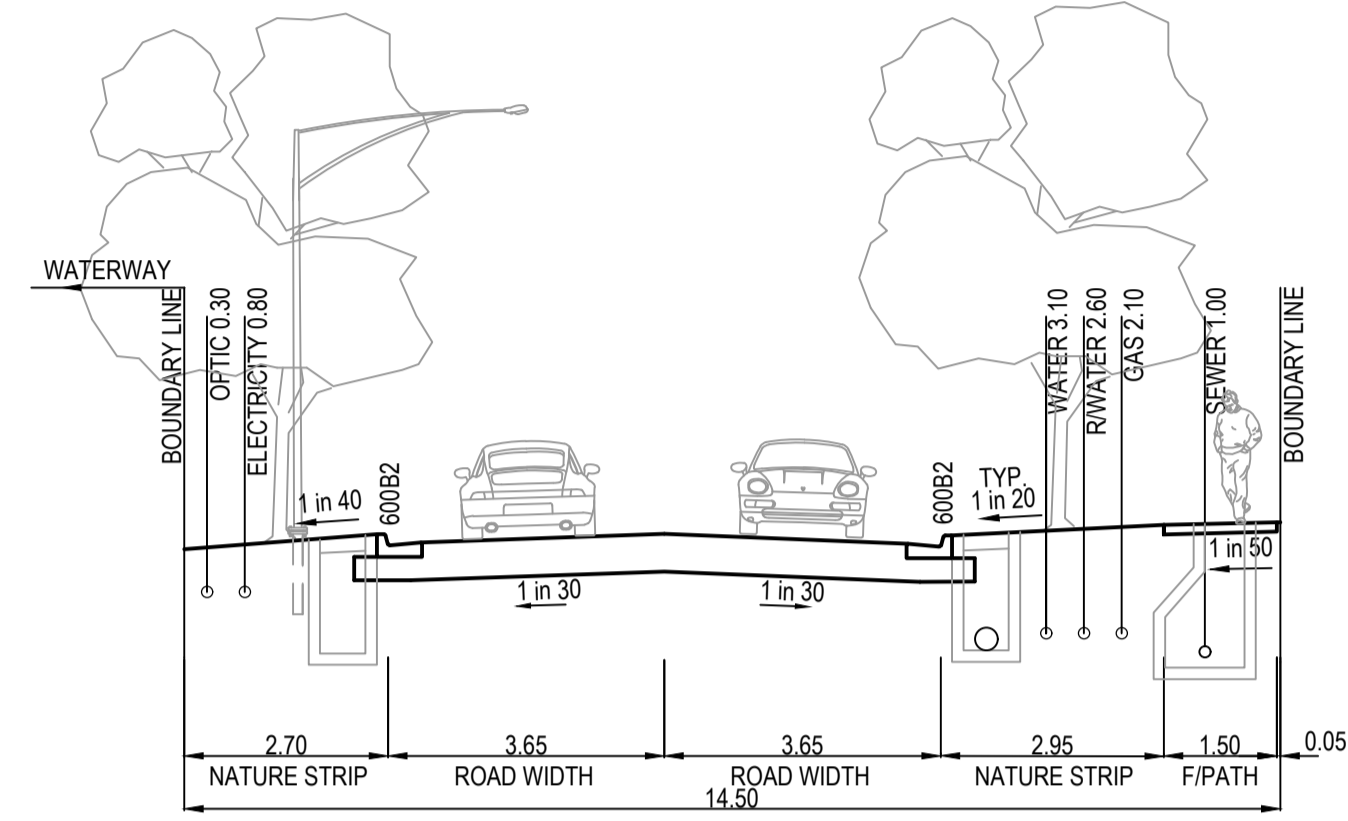


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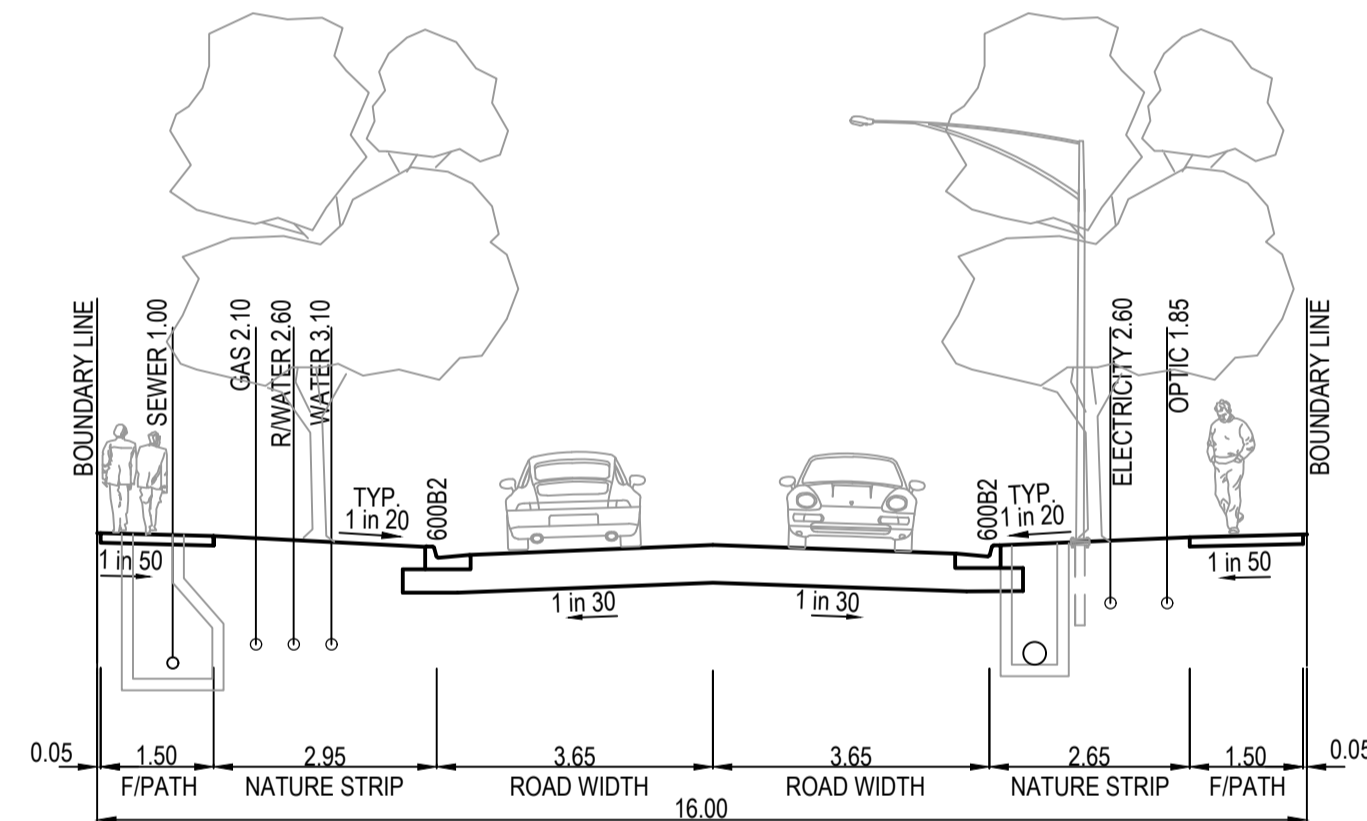
**WARNING**  
**SAFETY MEASURES REQUIRED**  
 Please note there are risks attached to the construction of this project, and any ongoing maintenance of structures. Consider the safety of all. For potential risks, consequences and controls refer to Safety In Design Risk Register SID P4.E6.2360E-011-500  
**ASSESS THE RISK - STAY SAFE**



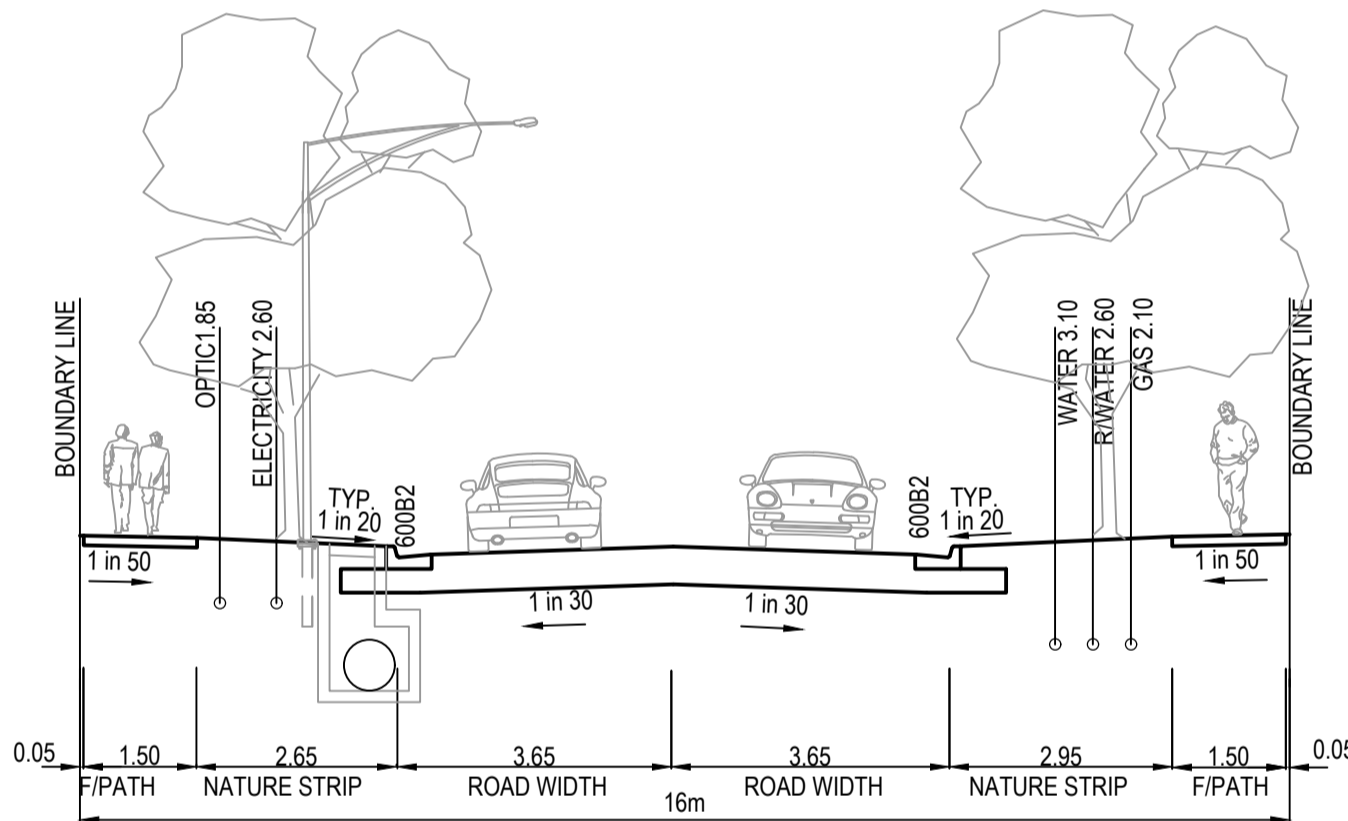
16m ROAD RESERVE  
 RAMBLER BOULEVARD (EAST-WEST)



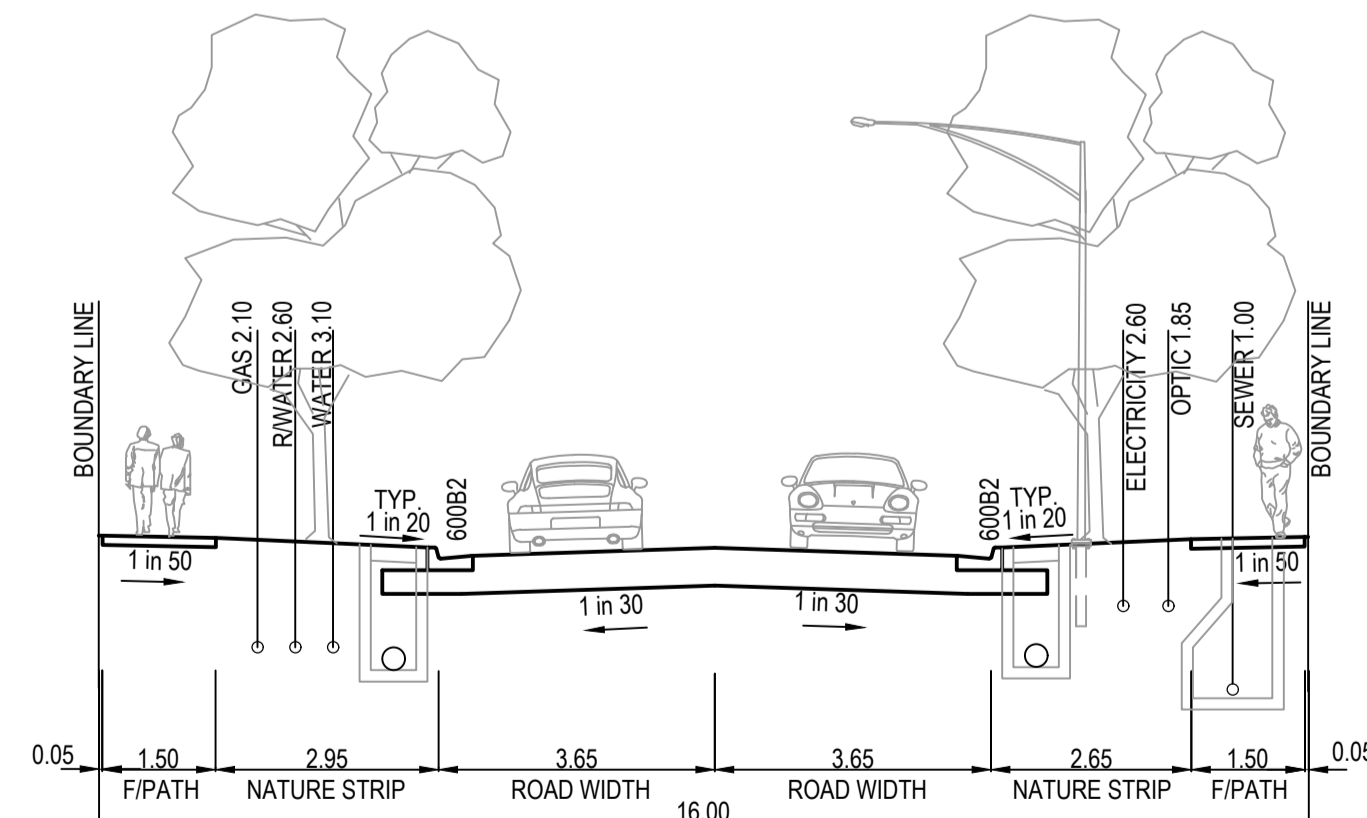
14.5m ROAD RESERVE  
 RAMBLER BOULEVARD (NORTH-SOUTH)



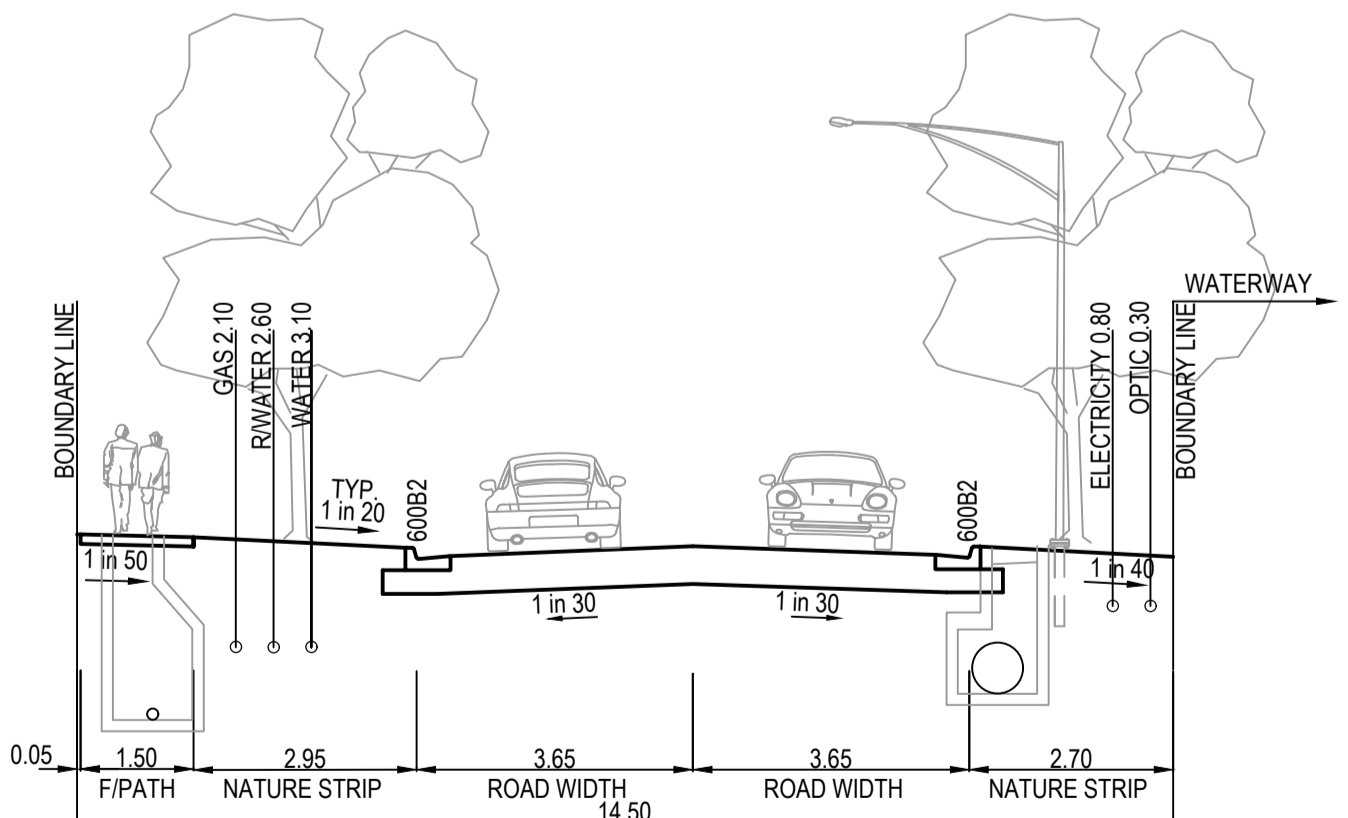
16m ROAD RESERVE  
 VELVET WAY



16m ROAD RESERVE  
 ULMUS STREET



16m ROAD RESERVE  
 CUBAN ROAD



14.5m ROAD RESERVE  
 PETUNIA AVENUE

- GENERAL NOTES (WYNDHAM CITY COUNCIL)**
- THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDM ADDENDUM STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
  - THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
  - THE CONTRACTOR SHALL:
    - COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
    - NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF THEIR INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
    - ENSURE THAT THE MINE MANAGER OR THEIR DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
  - THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
  - TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY COUNCIL'S SUPERVISING OFFICER.
  - ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEDS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
  - CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS E, G, H, T & W ABOVE CONDUIT LOCATIONS AS SPECIFIED. RESPECTIVE LETTERS TO BE INDICATED ABOVE RELEVANT CONDUITS AS PER STANDARD DRAWING EDM 303. CONDUITS TO BE PLACED MINIMUM OF 6m FROM BOUNDARIES WHERE POSSIBLE AND TO THE SATISFACTION OF THE SUPERINTENDENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS EDM 202 (EXPANSIVE SUBGRADE).
  - SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL AS PER STANDARD DRAWINGS EDM 202 (EXPANSIVE SUBGRADE).
  - 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 DEGAUR OR PASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710&722).
  - ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
  - 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.
  - 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.
  - FILL MATERIAL USED UNDER PAVEMENTS AND FOOTPATHS MUST BE AN APPROVED MATERIAL TO THE STANDARD OF WYNDHAM CITY COUNCIL. ALL SUCH MATERIAL IS TO BE COMPACTED AS PER THE REQUIREMENTS OF THE SPECIFICATION APPROVED WITH THESE DRAWINGS PRIOR TO FORMWORK BEING PLACED. COMPACTION TESTS TO BE COMPLETED AND PROVIDED TO SUPERINTENDENT.
  - FILL & CUT BATTERS ARE NOT TO EXCEED 1 in 6 SLOPE, UNLESS SHOWN OTHERWISE.
  - 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.
  - ALL DRAINAGE PIPES ARE CLASS 2 RCP PIPES, RUBBER RING JOINTED UNLESS OTHERWISE SPECIFIED.
  - DRAINAGE PITS SHALL BE CAST MONOLITHICALLY. CEMENT RENDER SHALL ONLY BE USED TO REPAIR DEFECTS.
  - BACKFILLING OF TRENCHES WHERE DRAINAGE AND SEWERAGE ARE IN CLOSE PROXIMITY ARE TO BE BACKFILLED AS PER WYNDHAM CITY COUNCIL STANDARD DRAWING SD6-10.
  - ALL SERVICING TRENCHES UNDER ROADS, FOOTPATHS, DRIVEWAYS, PARKING BAYS ETC. ARE TO BE BACKFILLED WITH CLASS 2 F.C.R.
  - ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED AT 6m FROM THE DRIVEWAY SIDE BOUNDARY U.N.O.
  - INVERT OF PROPERTY INLETS TO BE 500mm MINIMUM BELOW FINISHED SURFACE UNLESS NOTED OTHERWISE.
  - VEHICLE CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWINGS EDM 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.
  - ADDITIONAL AND OVER-EXCAVATION SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATION.
  - FOOTPATH CROSSFALL TO BE 1:50
  - ALL FOOTPATHS AND SHARED PEDESTRIAN/BICYCLE PATHS ARE TO BE CONSTRUCTED AS PER CITY OF WYNDHAM SPECIFICATIONS AND MPA STANDARD DRAWINGS EDM 401 TO 403.
  - 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.
  - INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER (BRPM) ON ROAD CENTRELINE AND "GROUND BALL" MARKER POST TO INDICATE LOCATION OF FIREPLUG.
  - 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.
  - 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.
  - EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE COUNCIL ENGINEER.
  - THE LOWER SUB-BASE MATERIAL SHALL WILL BE N.D.C.R. FOR PAVEMENT MAKE UPS AS PER THE STANDARD DRAWINGS OF WYNDHAM CITY COUNCIL.
  - TOTAL LENGTH OF ROADS CONSTRUCTED IS ROADLENGTH
  - TOTAL LENGTH OF DRAINS CONSTRUCTED IS DRAINLENGTH
  - ALL TGS1 TO BE INSTALLED IN ACCORDANCE WITH AS1428

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

- REINFORCED CONCRETE PIPE**
- 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.
  - CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPLACED & RELAID AT THE CONTRACTOR'S COST.

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2360E-011-411	Pavement Details
2360E-011-421	General Details
2360E-011-500	Safety In Design

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Quality Management ISO 9001  
 OHS Management AS/NZS 4801  
 Environmental Management ISO 14001

PLAN OF SUB. NO.  
 PS900883R  
 PERMIT REF. NO.  
 WYP10365/17.01

**AS CONSTRUCTED**

Scale 1:2500  
 SCALE AS SHOWN AT 1

N

**SMEC**  
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 Melbourne, VIC 3008  
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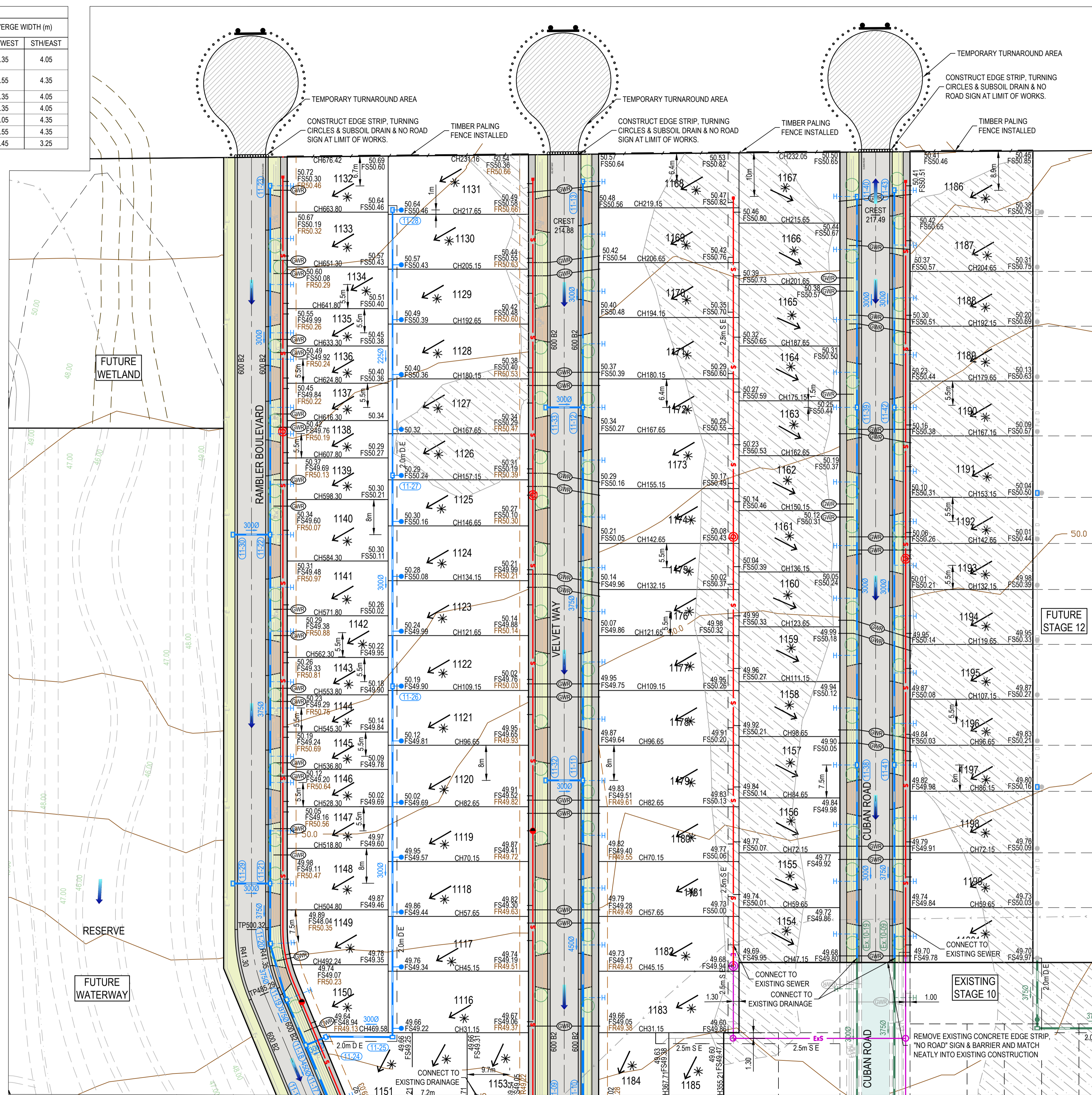
**GROWLAND**

Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Locality Plan, Typical Cross Sections & General Notes

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-101	SHEET No. 01 of 28	REVISION 0
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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
RAMBLER BOULEVARD (EAST-WEST)	16.00	6.40	7.30	7.60	600 B2	600 B2	4.35	4.05
RAMBLER BOULEVARD (NORTH-SOUTH)	14.50	6.40	7.30	7.60	600 B2	600 B2	2.55	4.35
VELVET WAY	16.00	6.40	7.30	7.60	600 B2	600 B2	4.35	4.05
CUBAN ROAD	16.00	6.40	7.30	7.60	600 B2	600 B2	4.35	4.05
ULMUS STREET	16.00	6.40	7.30	7.60	600 B2	600 B2	4.05	4.35
PETUNIA AVENUE	14.5	6.40	7.30	7.60	600B2	600B2	2.55	4.35
REUNION PARADE	16.0	6.10	7.00	7.30	600B2	600B2	5.45	3.25

SERVICES OFFSET TABLE					
ROAD NAME	GAS	RECYCLED WATER	WATER	ELECTRICITY	OPTIC
	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)	OFFSET (m)
RAMBLER BOULEVARD (EAST-WEST)	2.10 N	2.60 N	3.10 N	2.60 S	1.85 S
RAMBLER BOULEVARD (NORTH-SOUTH)	2.10 E	2.60 E	3.10 E	0.80 W	0.30 W
VELVET WAY	2.10 W	2.60 W	3.10 W	2.60 E	1.85 E
CUBAN ROAD	2.10 W	2.60 W	3.10 W	2.60 E	1.85 E
ULMUS STREET	2.10 S	2.60 S	3.10 S	2.60 N	1.85 N
PETUNIA AVENUE	2.10 E	2.60 E	3.10 E	0.80 W	0.30 W
REUNION PARADE	3.15 N	3.65 N	4.15 N	2.55 S	1.85 S



LEGEND - LAYOUT PLAN	
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	ELECTRICITY (U GROUND)
	ELECTRICITY (O HEAD)
	GAS
	TELSTRA
	OPTIC FIBRE
	WATER
	RECYCLE WATER
	AG. DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING HOUSE DRAIN
	EXISTING ELECTRICITY (UNDER GROUND)
	EXISTING ELECTRICITY OVERHEAD
	EXISTING GAS
	EXISTING TELSTRA
	EXISTING OPTIC FIBRE
	EXISTING WATER
	EXISTING RECYCLED WATER
	EXISTING AG. DRAIN
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SWALE DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE ELECTRICITY (UNDER GROUND)
	FUTURE ELECTRICITY OVERHEAD
	FUTURE GAS
	FUTURE TELSTRA
	FUTURE OPTIC FIBRE
	FUTURE WATER
	FUTURE RECYCLED WATER
	FUTURE AG. DRAIN
	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
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED INDUSTRIAL DRIVEWAY
	PROPOSED SHARED FOOTPATH
	PROPOSED ROAD PAVING
	EXISTING ROAD PAVING
	3m DIAMETER TREE RING

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REFER SHEET 2360E-011-112 FOR CONTINUATION

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PLAN OF SUB. NO.  
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 WYP10365/17.01

**AS CONSTRUCTED**

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Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Layout Plan - 1

MELWAYS REF: 359 F9  
 PROJECT / DRAWING No: 2360E-011-111  
 SHEET No: 02 of 28  
 REVISION: 0



**LEGEND - LAYOUT PLAN**  
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
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	HOUSE DRAIN
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	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING HOUSE DRAIN
	EXISTING ELECTRICITY (UNDER GROUND)
	EXISTING ELECTRICITY OVERHEAD
	EXISTING GAS
	EXISTING TELSTRA
	EXISTING OPTIC FIBRE
	EXISTING WATER
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**AS CONSTRUCTED**

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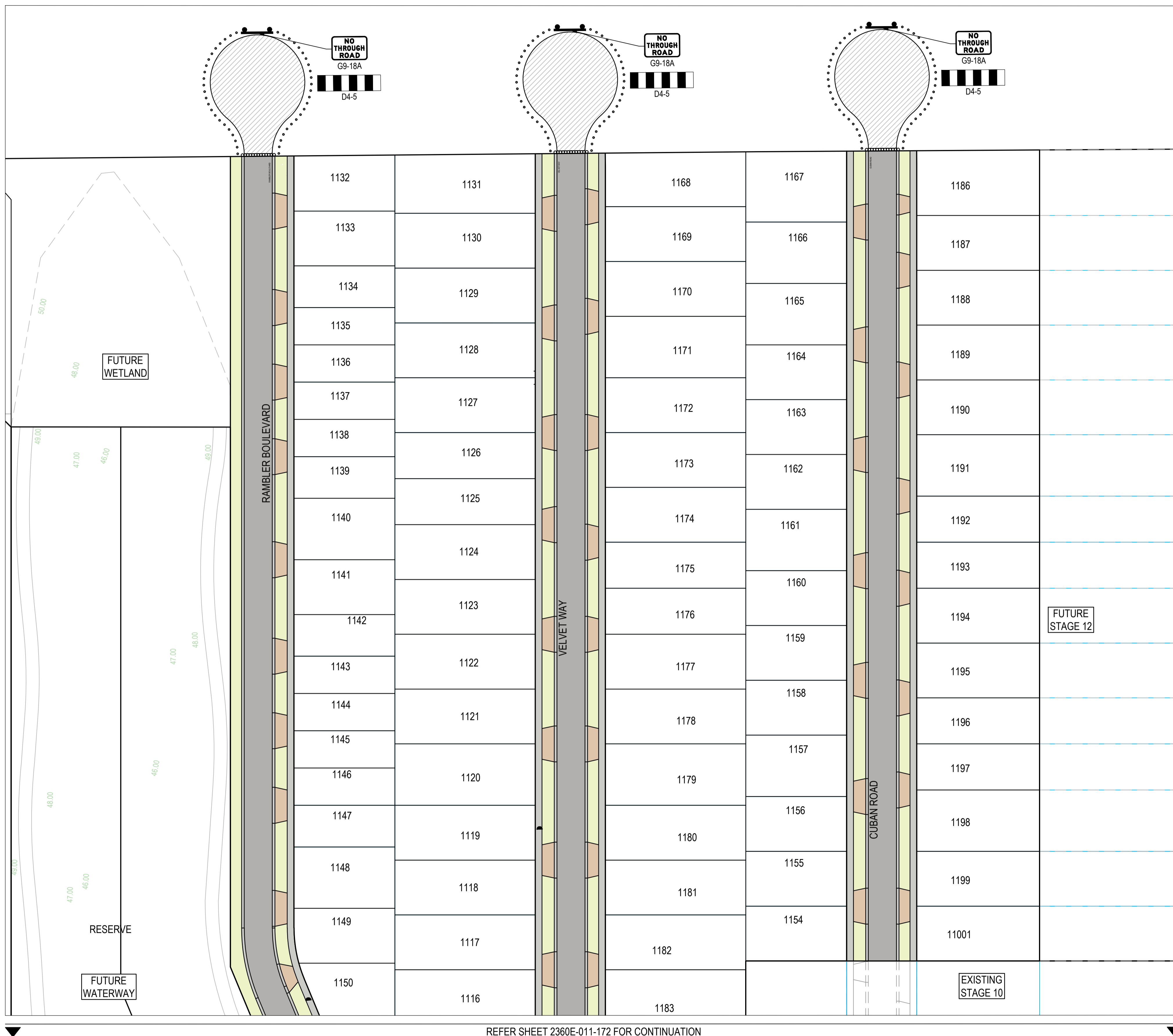
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SCALE AS SHOWN AT A1

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**GROWLAND**

Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Layout Plan - 2

MELWAYS REF 359 F9 PROJECT / DRAWING No. 2360E-011-112 SHEET No. 03 of 28 REVISION 1



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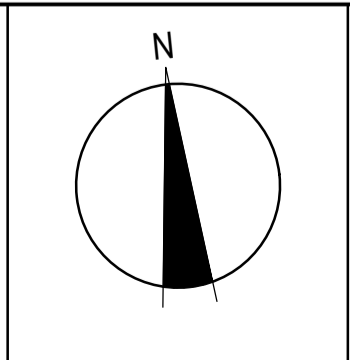
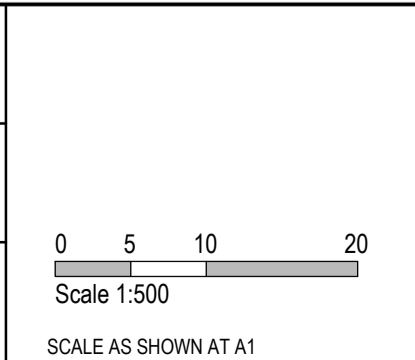
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PLAN OF SUB. NO.  
PS900883R

PERMIT REF. NO.  
WYP10365/17.01

**AS CONSTRUCTED**



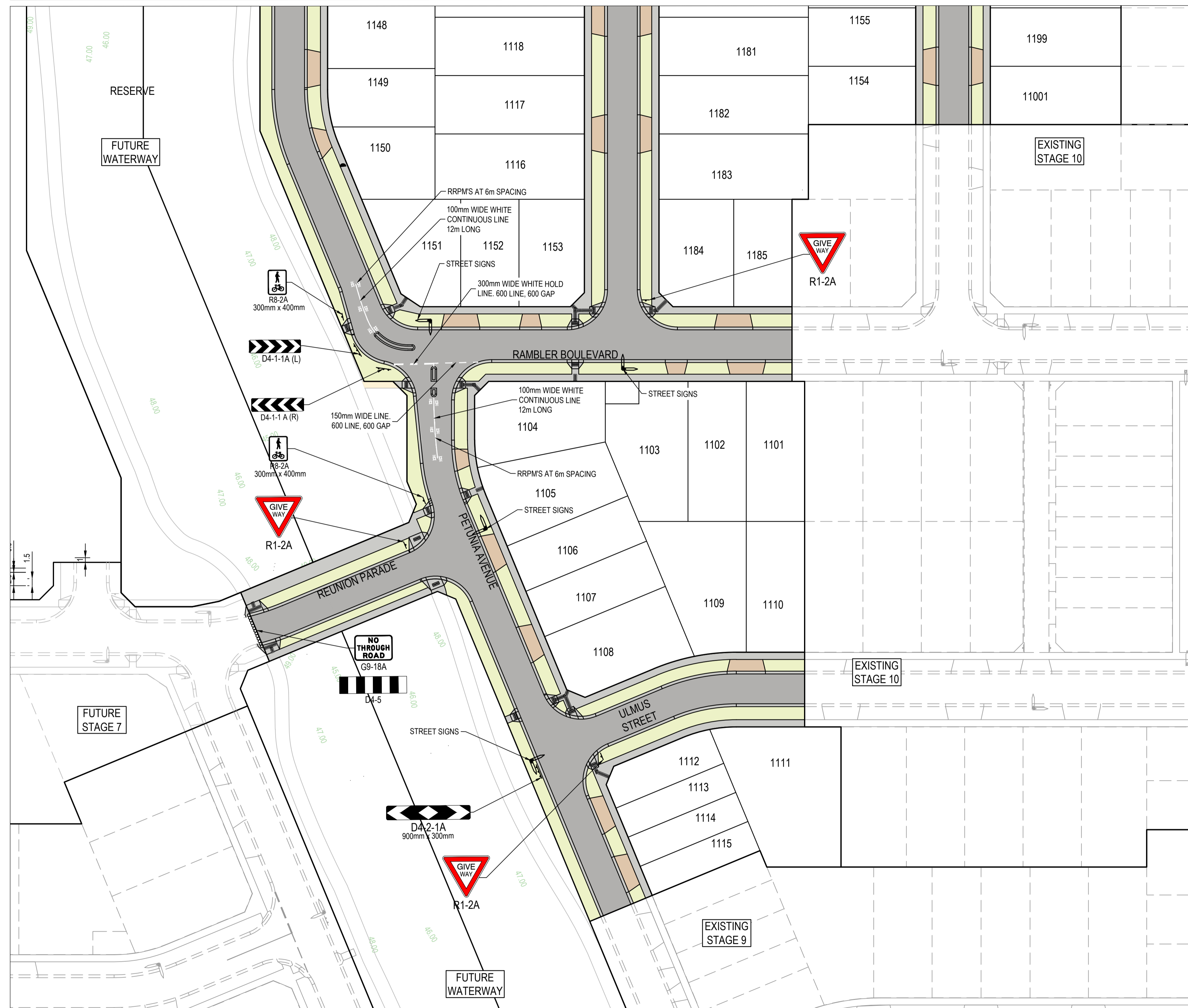
**SMEC**  
Member of the Surlana Jurong Group  
ABN 47 065 475 149  
Collins Square, Tower 4, Level 20, 727 Collins St  
Melbourne, VIC 3008  
Ph 03 9514 1500

**GROWLAND**

Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Signage & Linemarking Plan - 1

MELWAYS REF: 359 F9  
PROJECT / DRAWING No: 2360E-011-171  
SHEET No: 04 of 28  
REVISION: 0

REFER SHEET 2360E-011-171 FOR CONTINUATION



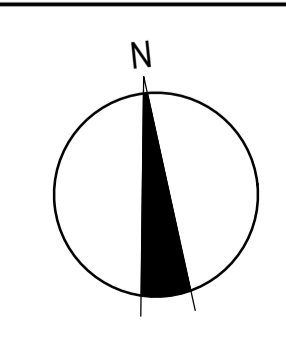
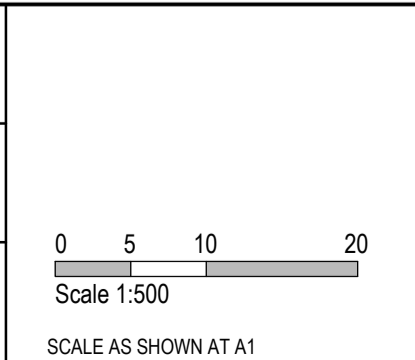
**WARNING**  
**BEWARE OF UNDERGROUND SERVICES**  
 The locations of underground services are approximate only and their exact position should be proven on site.  
 No guarantee is given that all existing services are shown.  
 Locate all underground services before commencement of works  
**DIAL 1100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

**AS CONSTRUCTED PLANS**  
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Quality Management ISO 9001  
 OHS Management AS/NZS 4501  
 Environmental Management ISO 14001  
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PLAN OF SUB. NO.  
 PS900883R  
 PERMIT REF. NO.  
 WYP10365/17.01

**AS CONSTRUCTED**

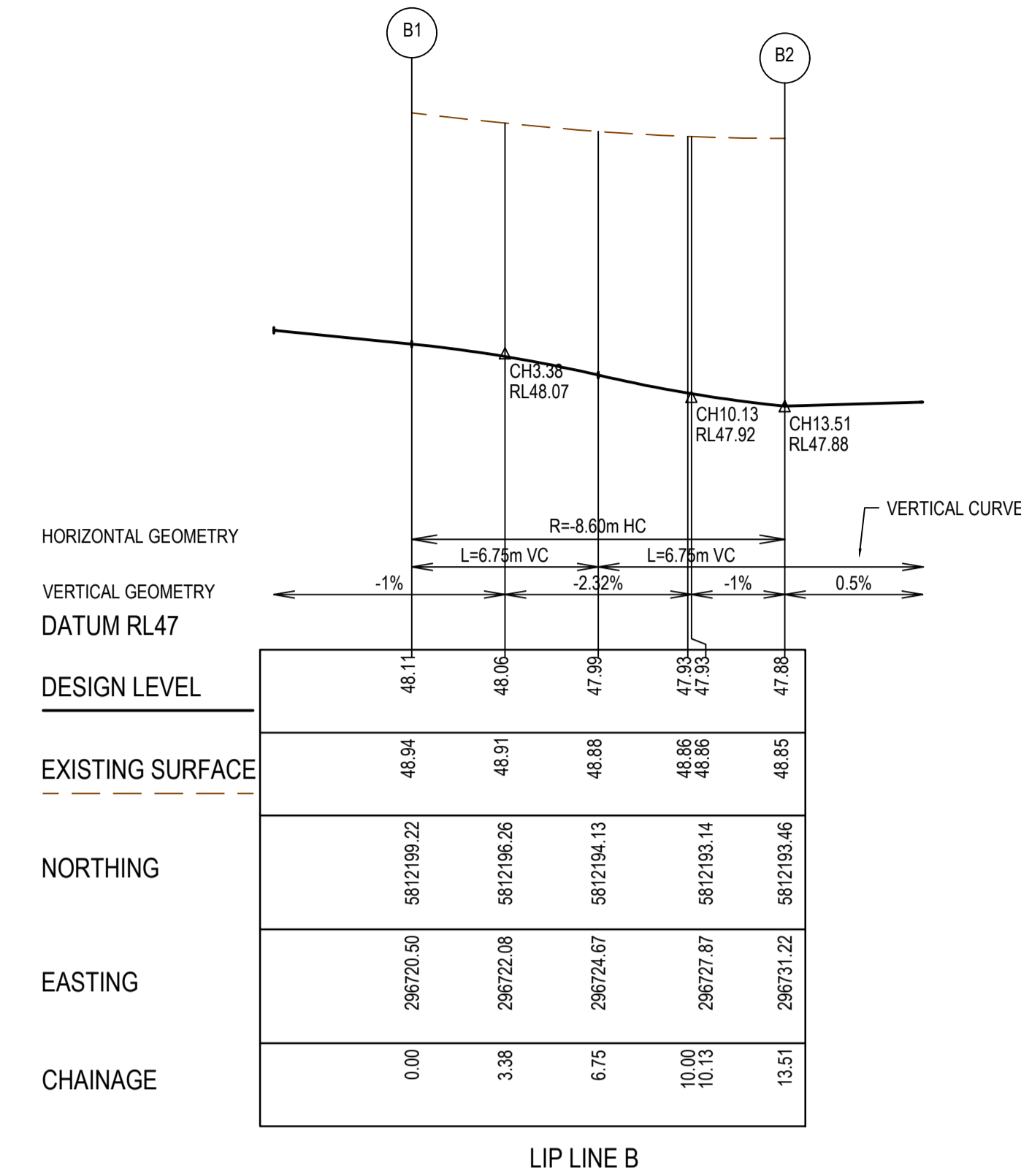
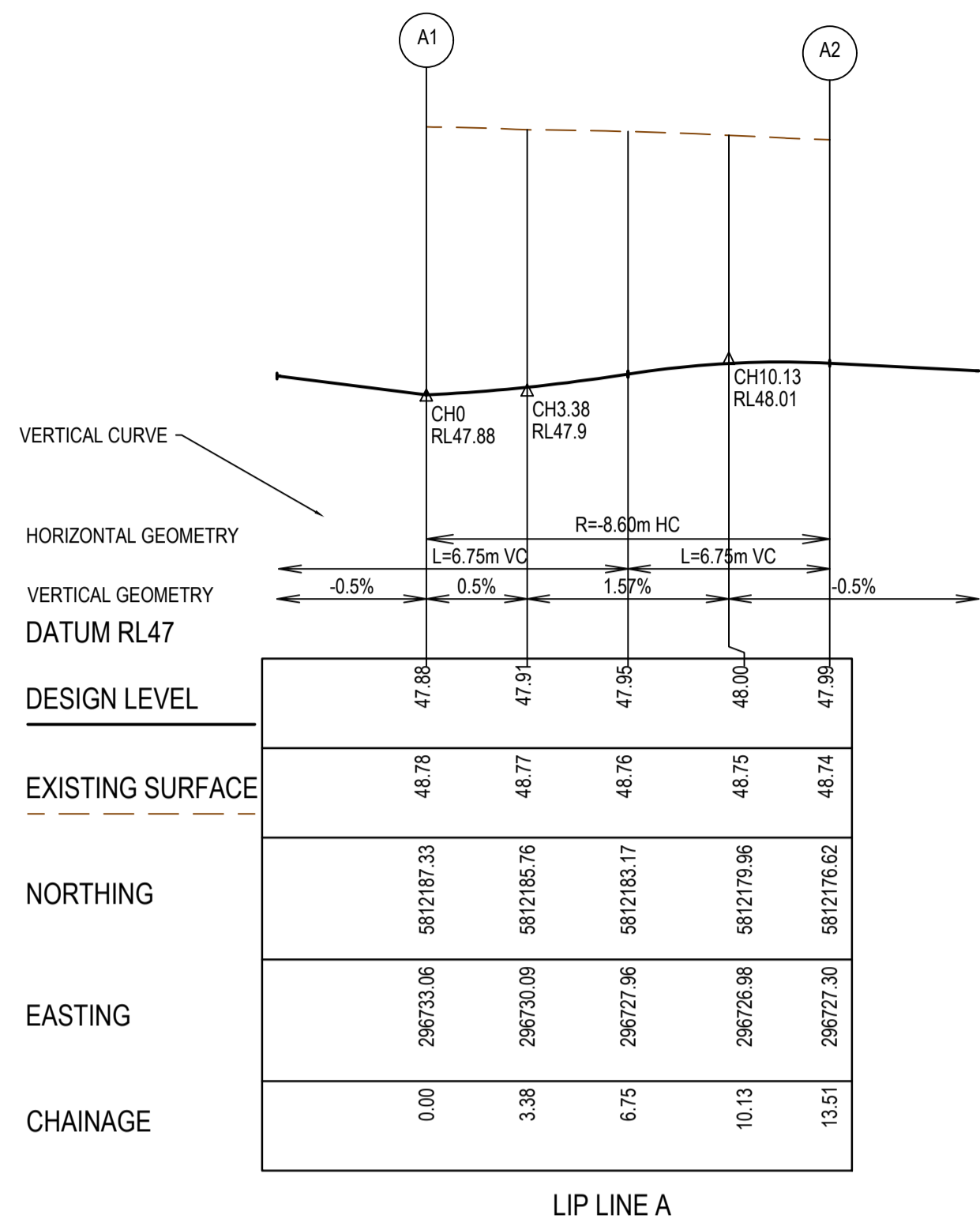
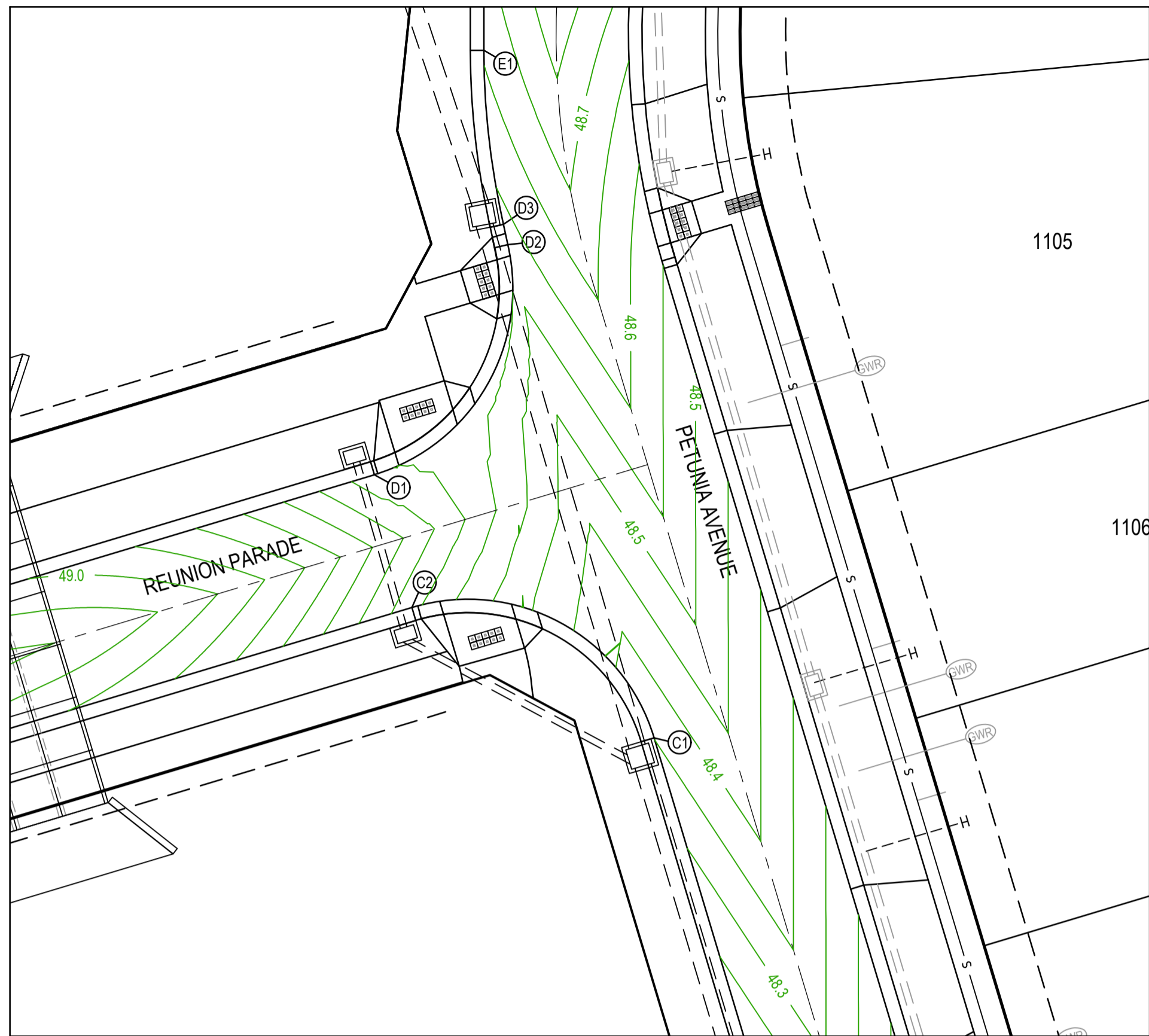


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 ABN 47 065 475 149  
 Collins Square, Tower 4, Level 20, 727 Collins St  
 Melbourne, VIC 3008  
 Ph 03 9514 1500

**GROWLAND**

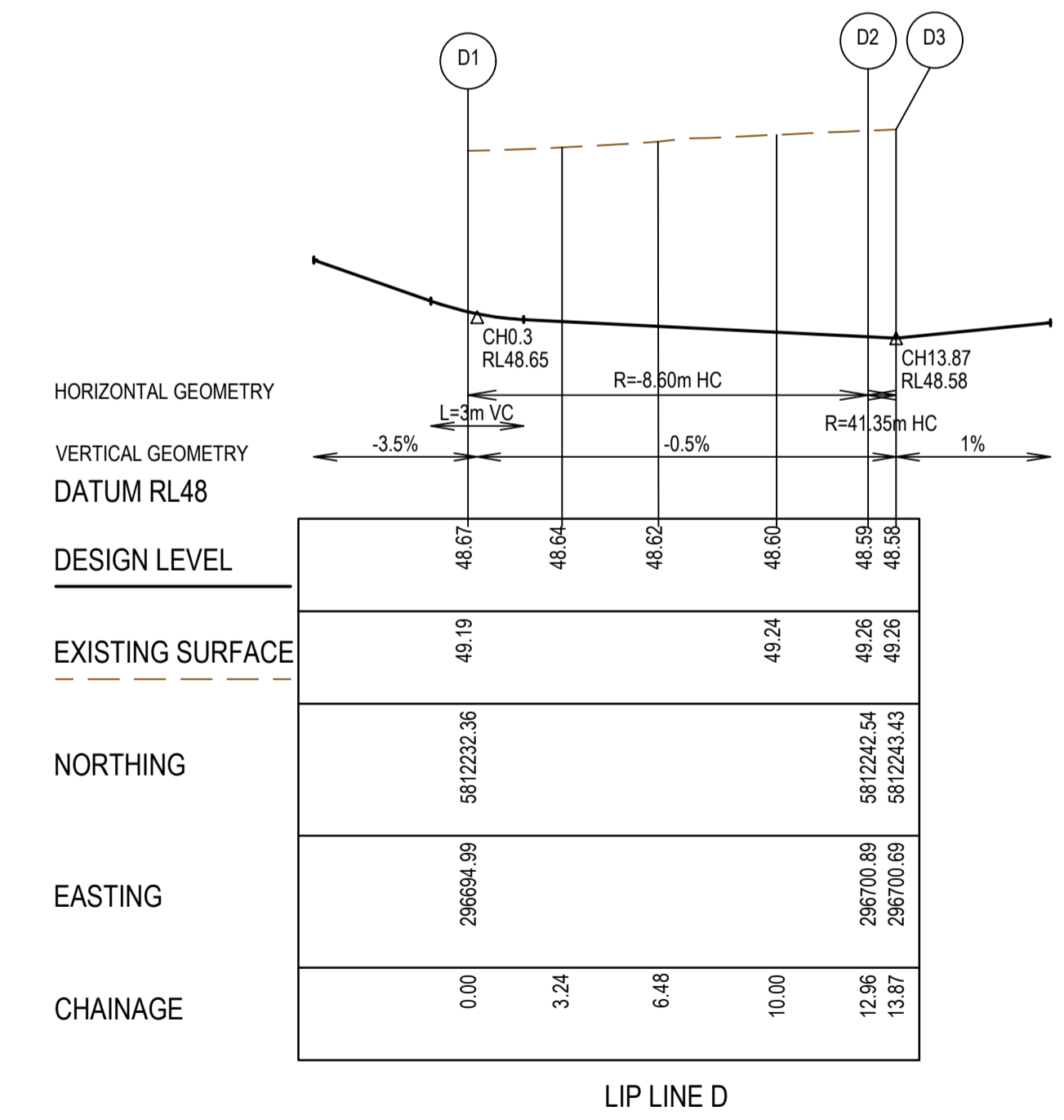
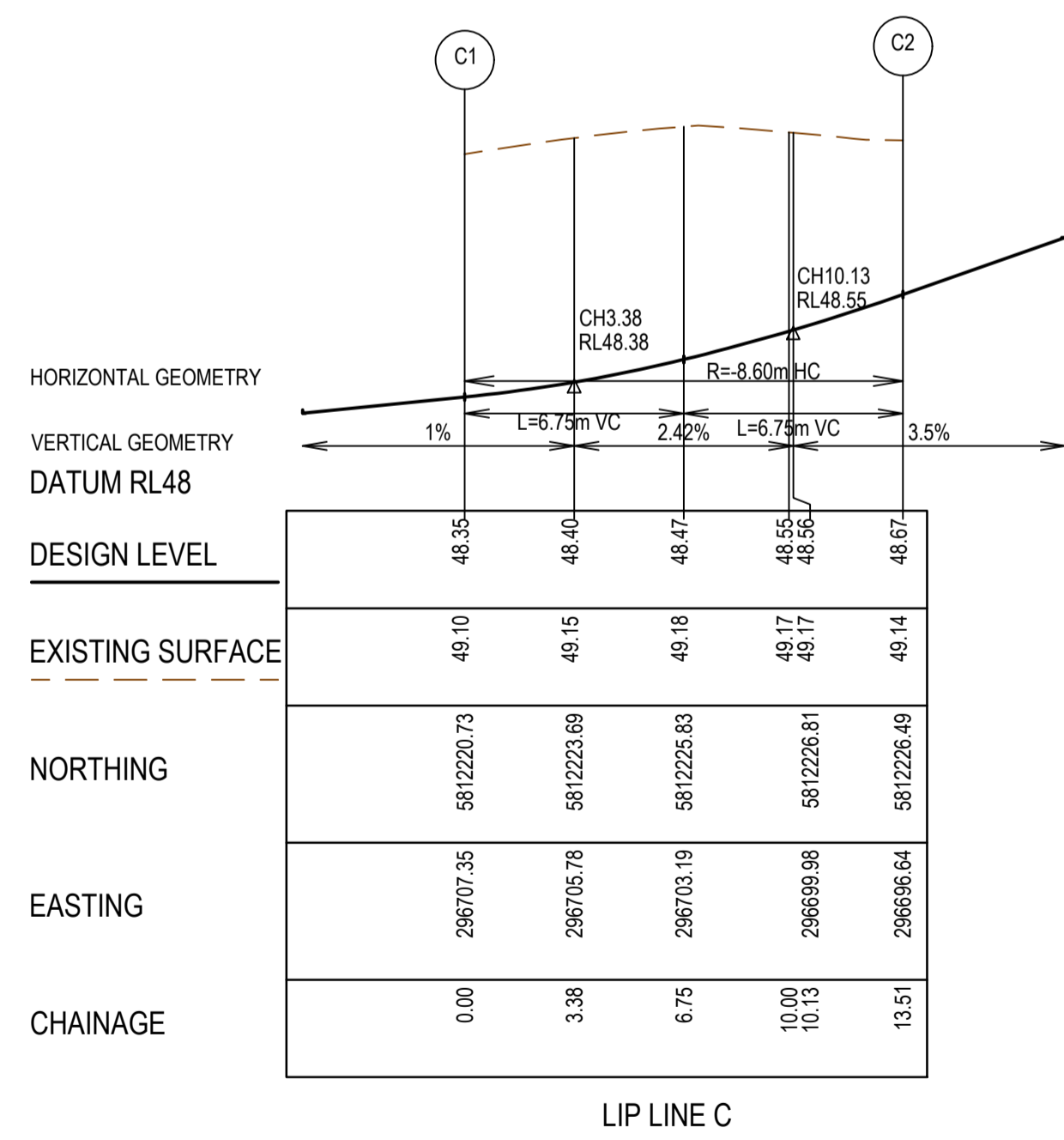
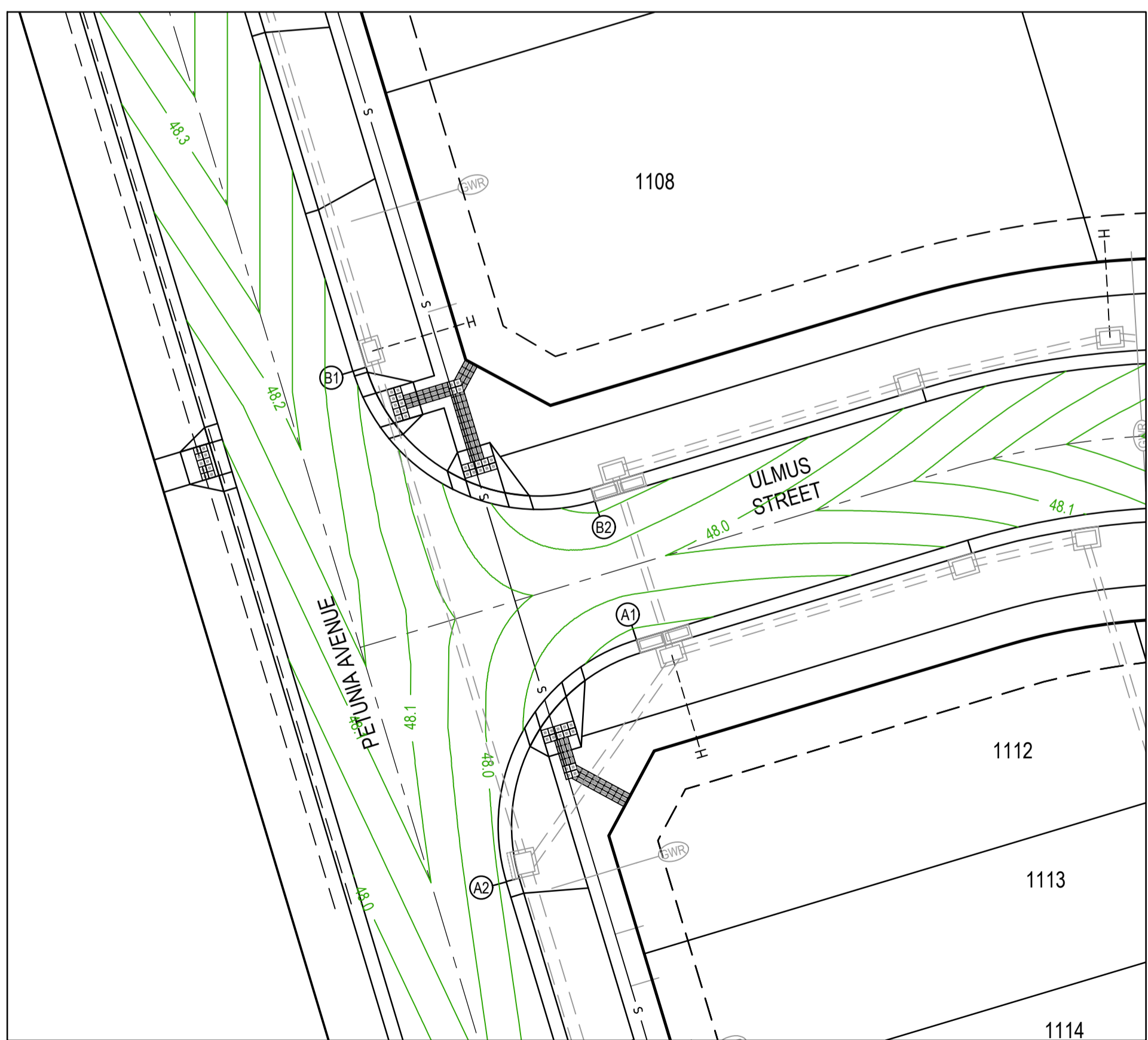
Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Signage & Linemarking Plan - 2

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-172	SHEET No. 05 of 28	REVISION 0
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**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

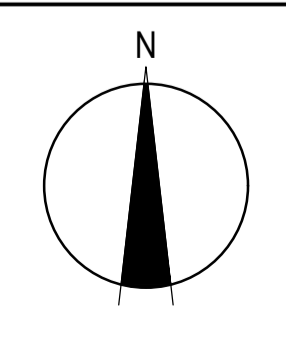
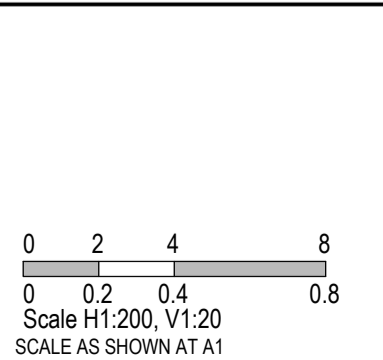


**AS CONSTRUCTED PLANS**

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PLAN OF SUB. NO. PS900883R  
 PERMIT REF. NO. WYP10365/17.01

**AS CONSTRUCTED**



**SMEC**

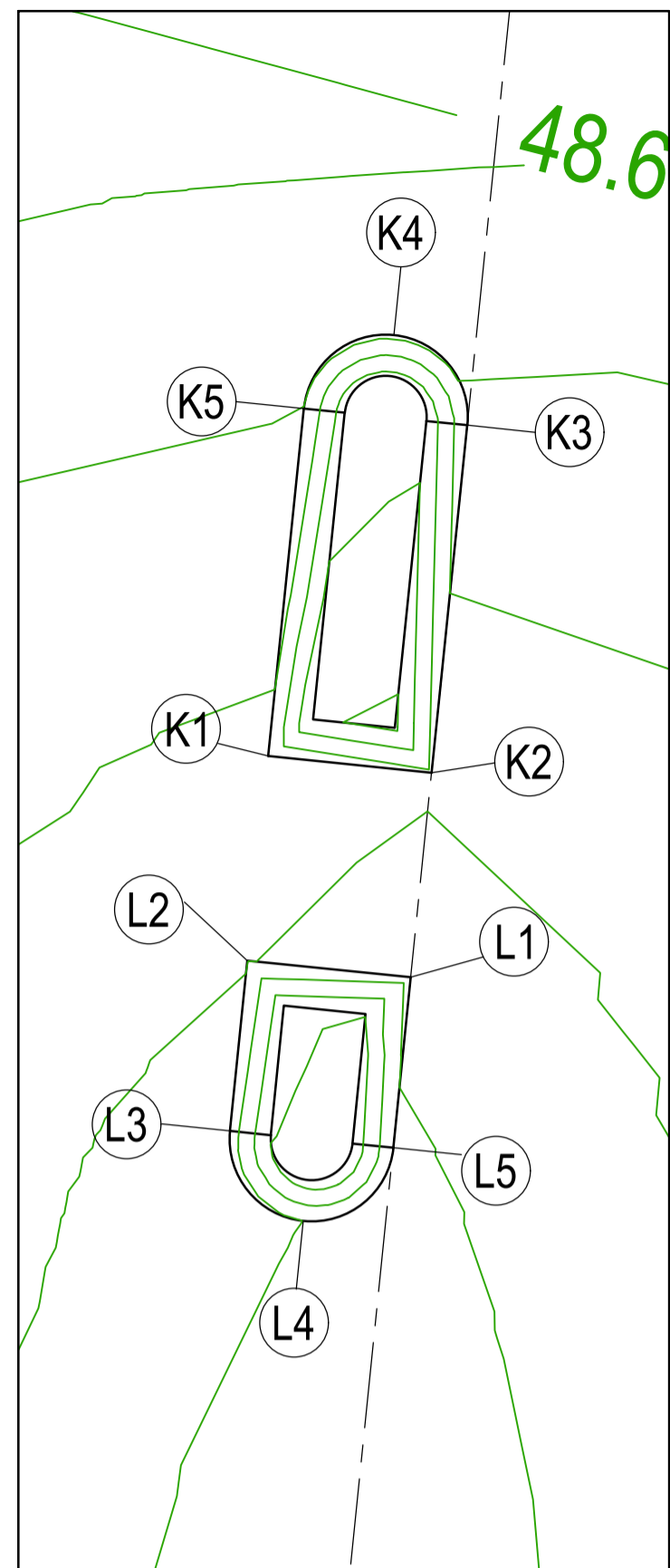
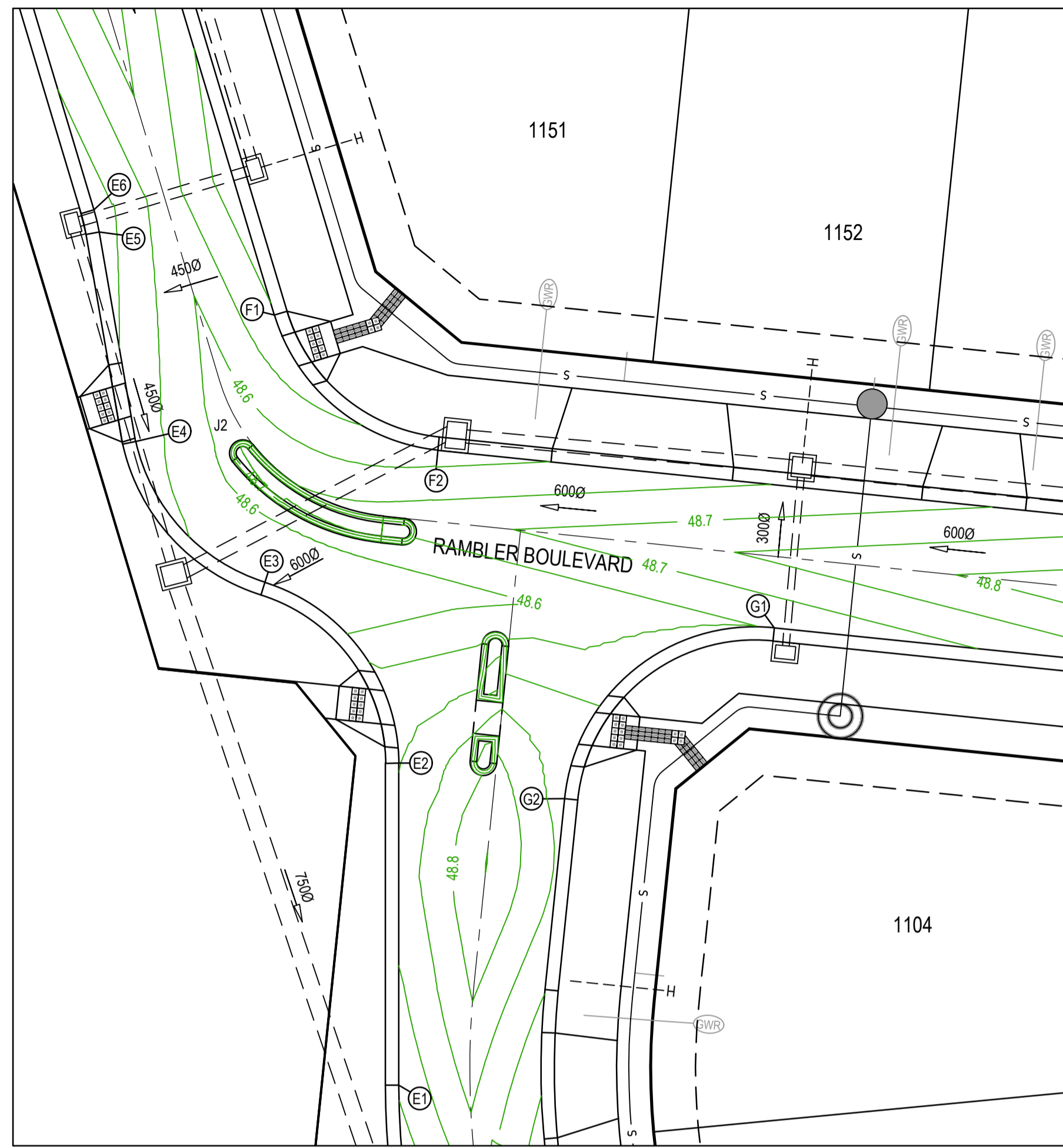
Member of the Surlana Jurong Group

Collins Square, Tower 4, Level 20, 727 Collins St  
Melbourne, VIC 3008  
Ph 03 9514 1500

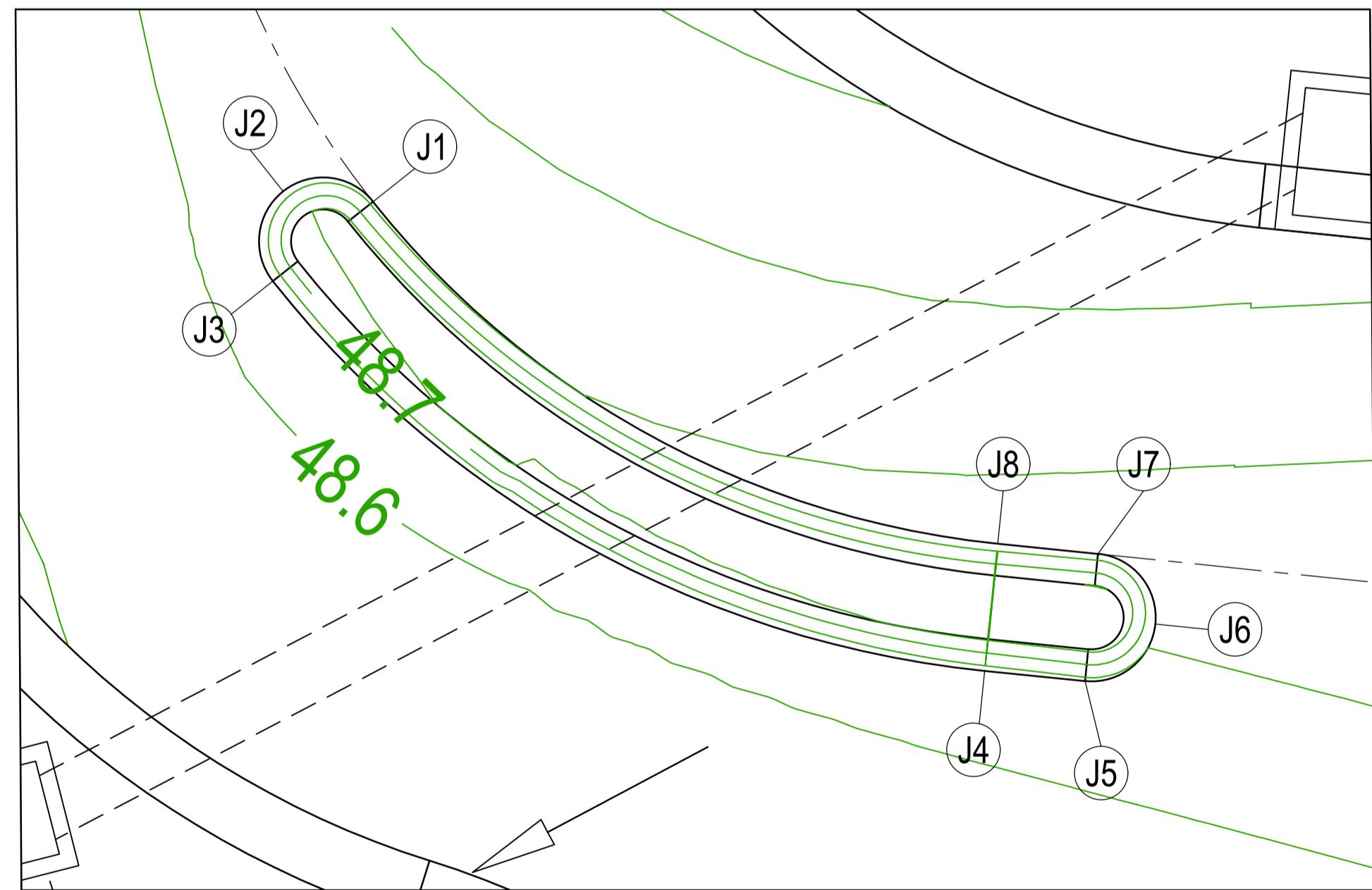
**GROWLAND**

Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Intersection Detail Plan - 1

MELWAYS REF <b>359 F9</b>	PROJECT / DRAWING No. <b>2360E-011-181</b>	SHEET No. <b>06 of 28</b>	REVISION <b>0</b>
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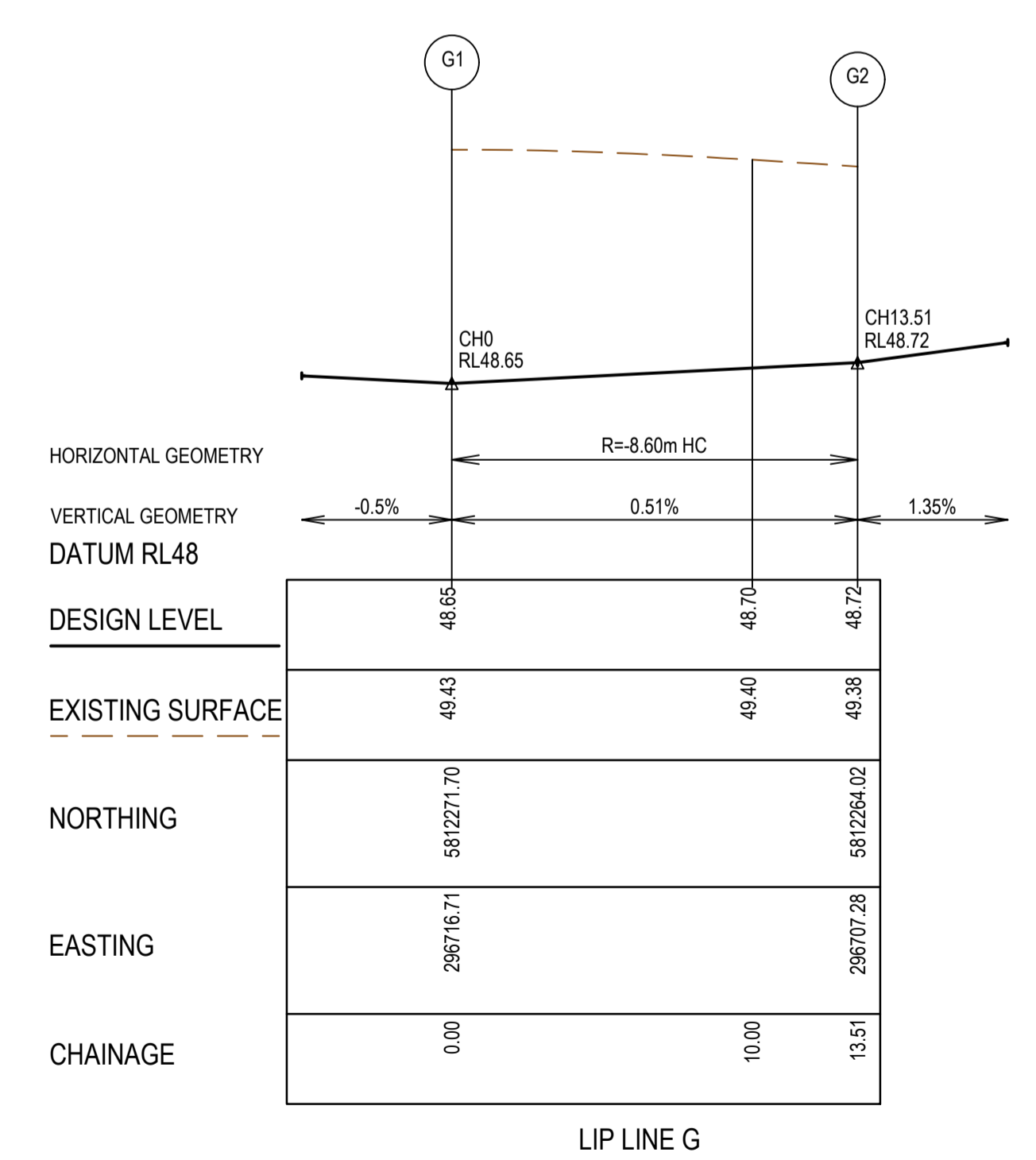
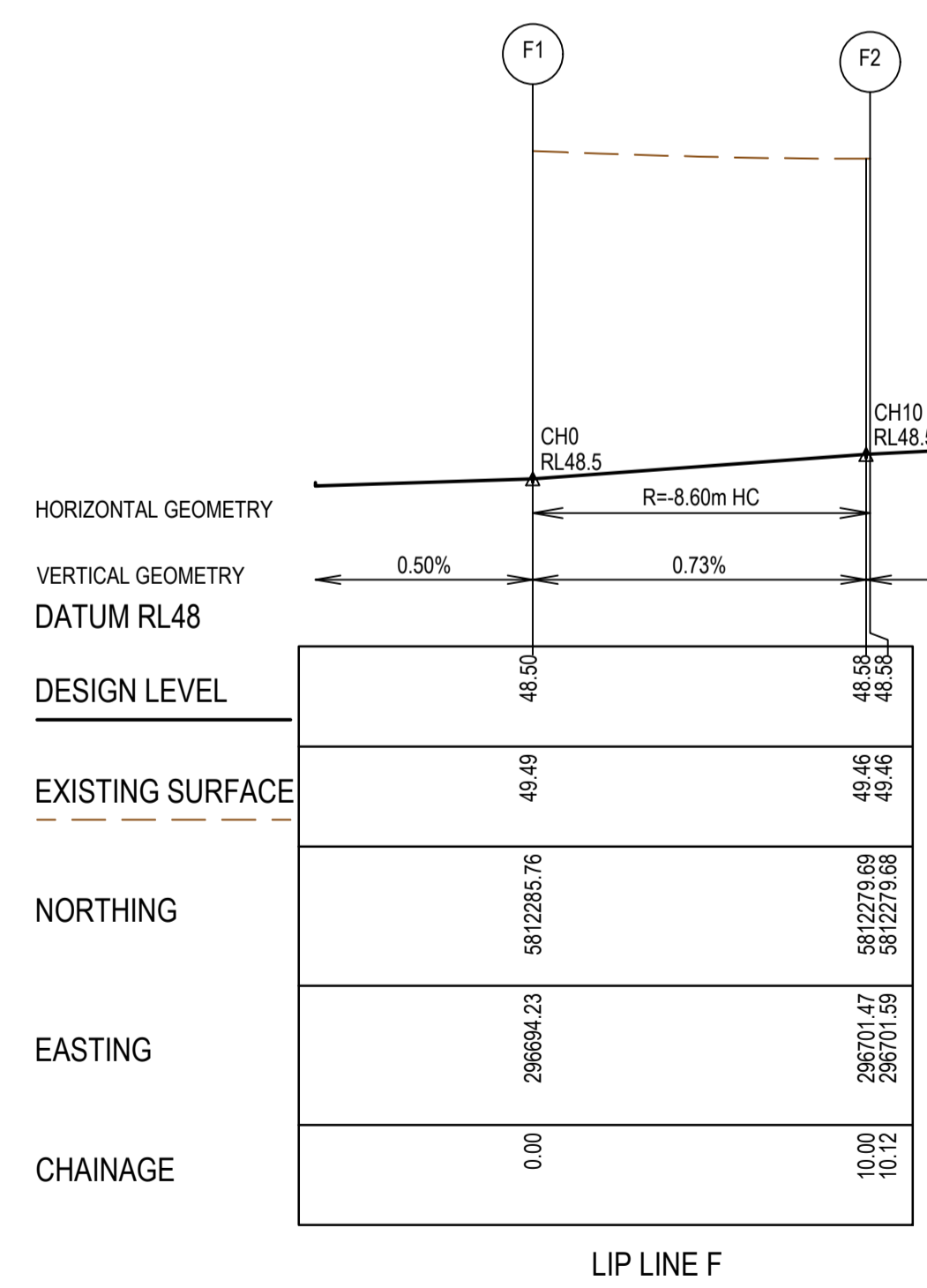
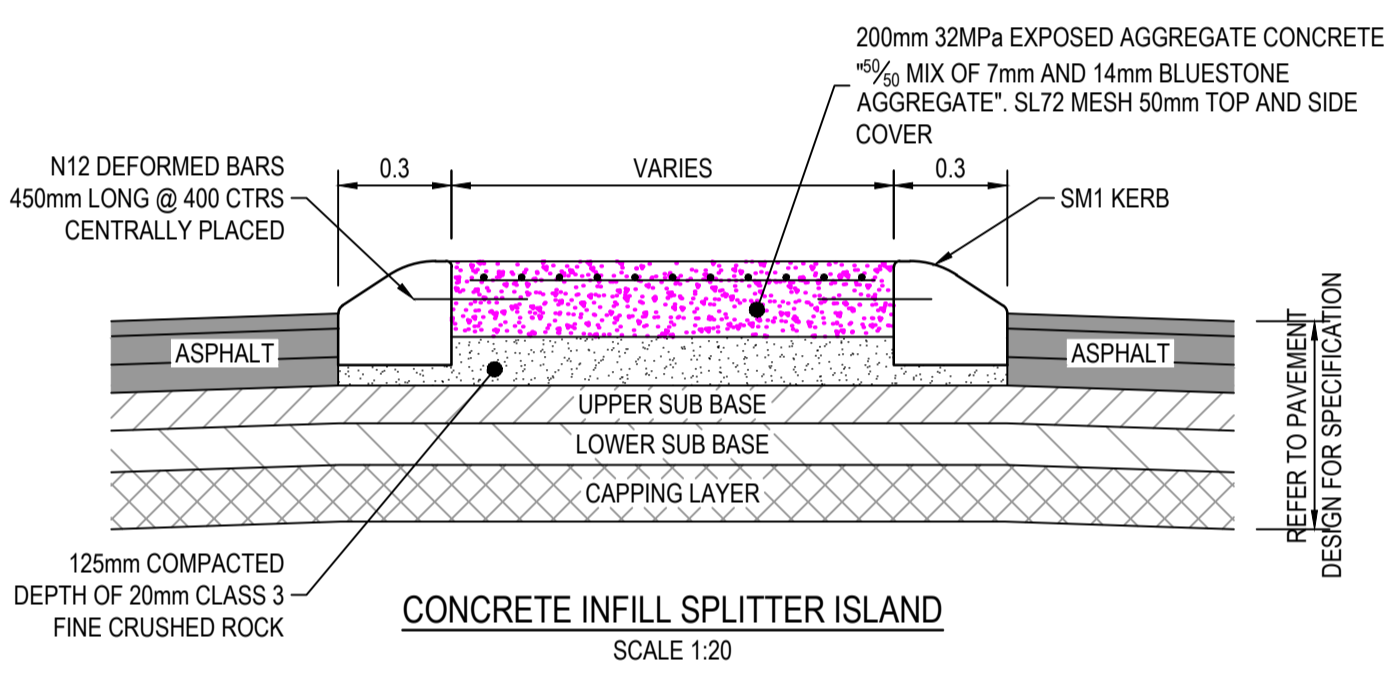
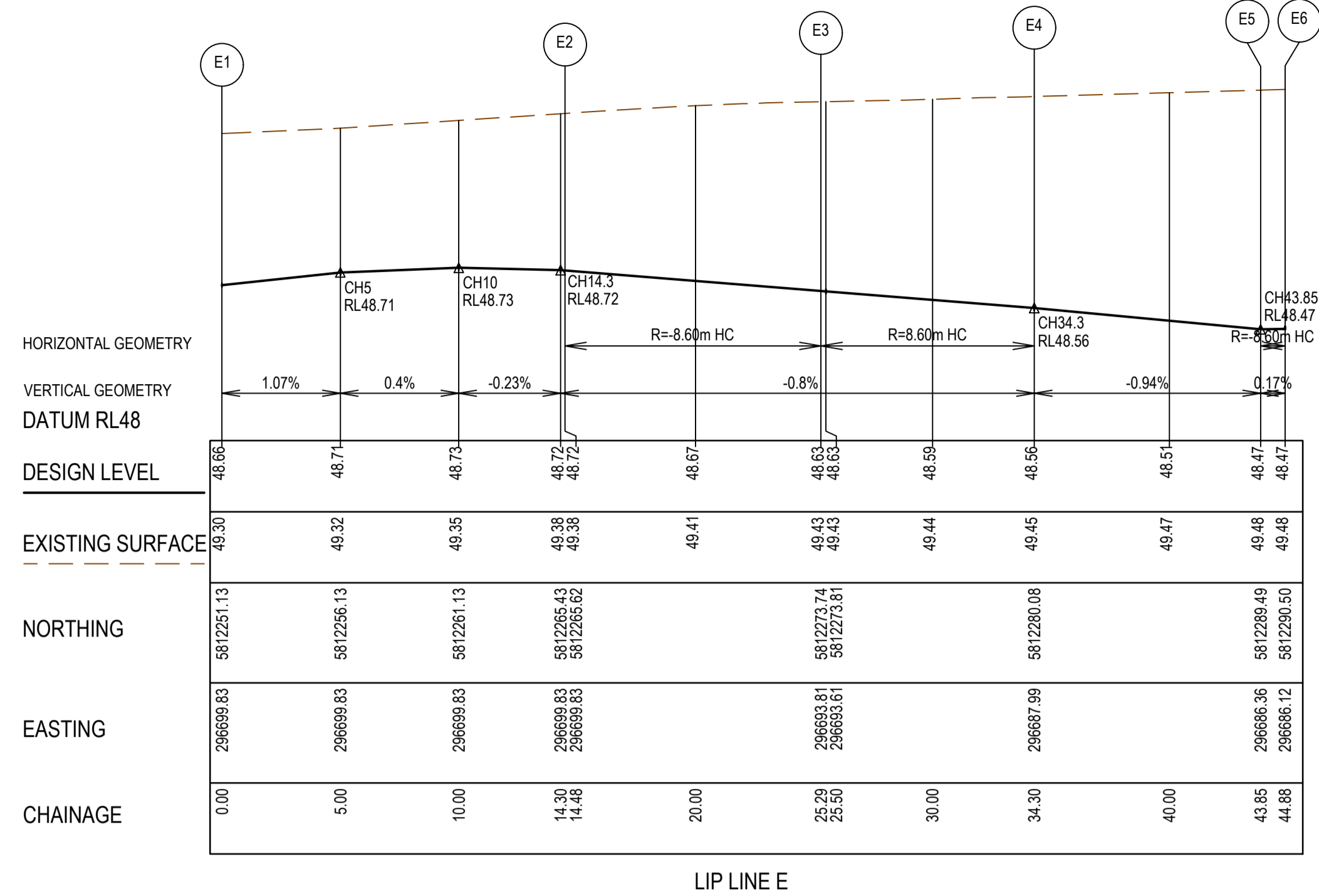


TRAFFIC ISLAND DETAILS RAMBLER BOULEVARD  
SCALE 1:50



TRAFFIC ISLAND DETAILS RAMBLER BOULEVARD  
SCALE 1:50

SPLITTER ISLAND SETOUT TABLE			
Point	Easting	Northing	RL
J1	296693.28	5812279.92	48.64
J2	296692.43	5812280.02	48.62
J3	296692.34	5812279.18	48.61
J4	296699.01	5812275.52	48.63
J5	296699.95	5812275.43	48.63
J6	296700.61	5812275.96	48.66
J7	296700.08	5812276.62	48.68
J8	296699.14	5812276.72	48.67
K1	296703.31	5812268.45	48.71
K2	296704.50	5812268.33	48.74
K3	296704.76	5812270.86	48.66
K4	296704.23	5812271.52	48.64
K5	296703.57	5812270.98	48.65
L1	296704.35	5812266.83	48.78
L2	296703.16	5812266.96	48.75
L3	296703.03	5812265.71	48.77
L4	296703.57	5812265.05	48.80
L5	296704.22	5812265.59	48.81



**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

**AS CONSTRUCTED PLANS**  
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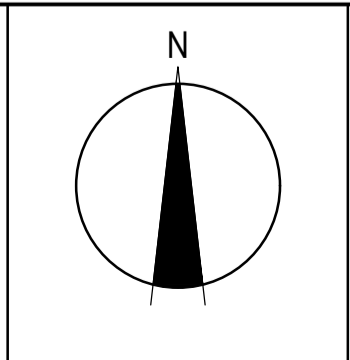
Global-Mark.com.au® Quality Management ISO 9001  
Global-Mark.com.au® OHS Management AS/NZS 4801  
Global-Mark.com.au® Environmental Management ISO 14001

PLAN OF SUB. NO. PS900883R  
PERMIT REF. NO. WYP10365/17.01

**AS CONSTRUCTED**

0 2 4 8  
0 0.2 0.4 0.8  
Scale H1:200, V1:20  
SCALE AS SHOWN AT 1

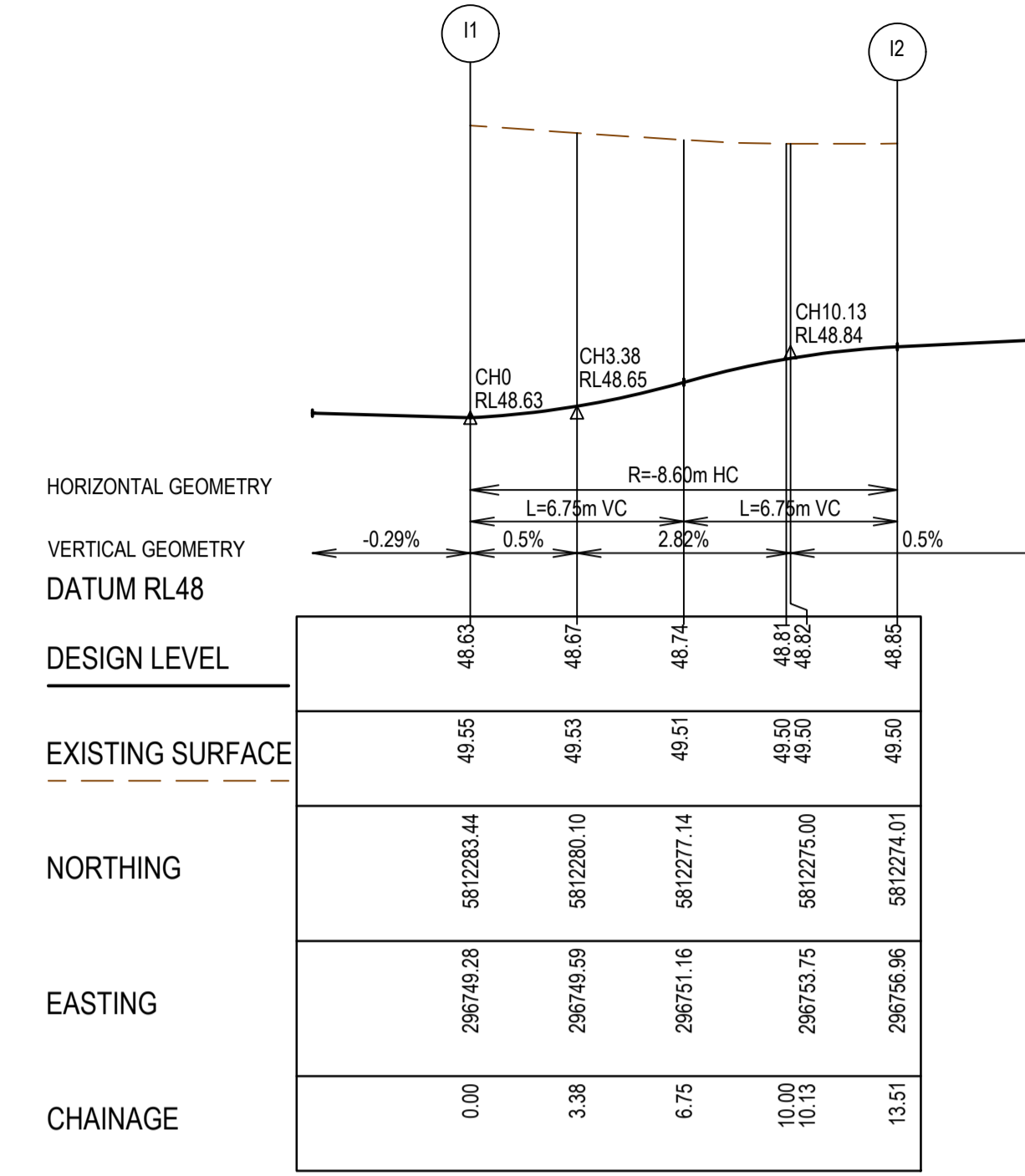
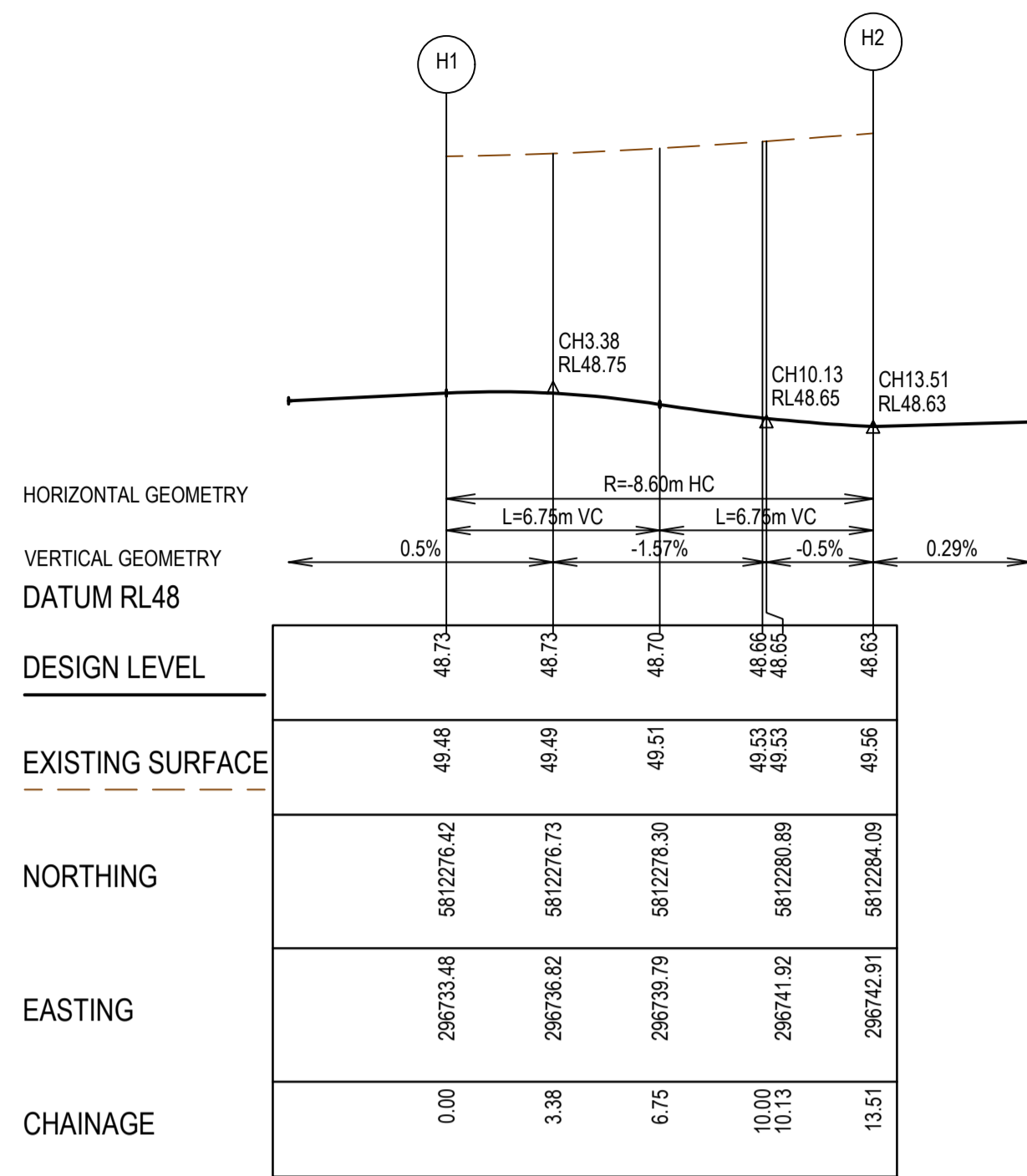
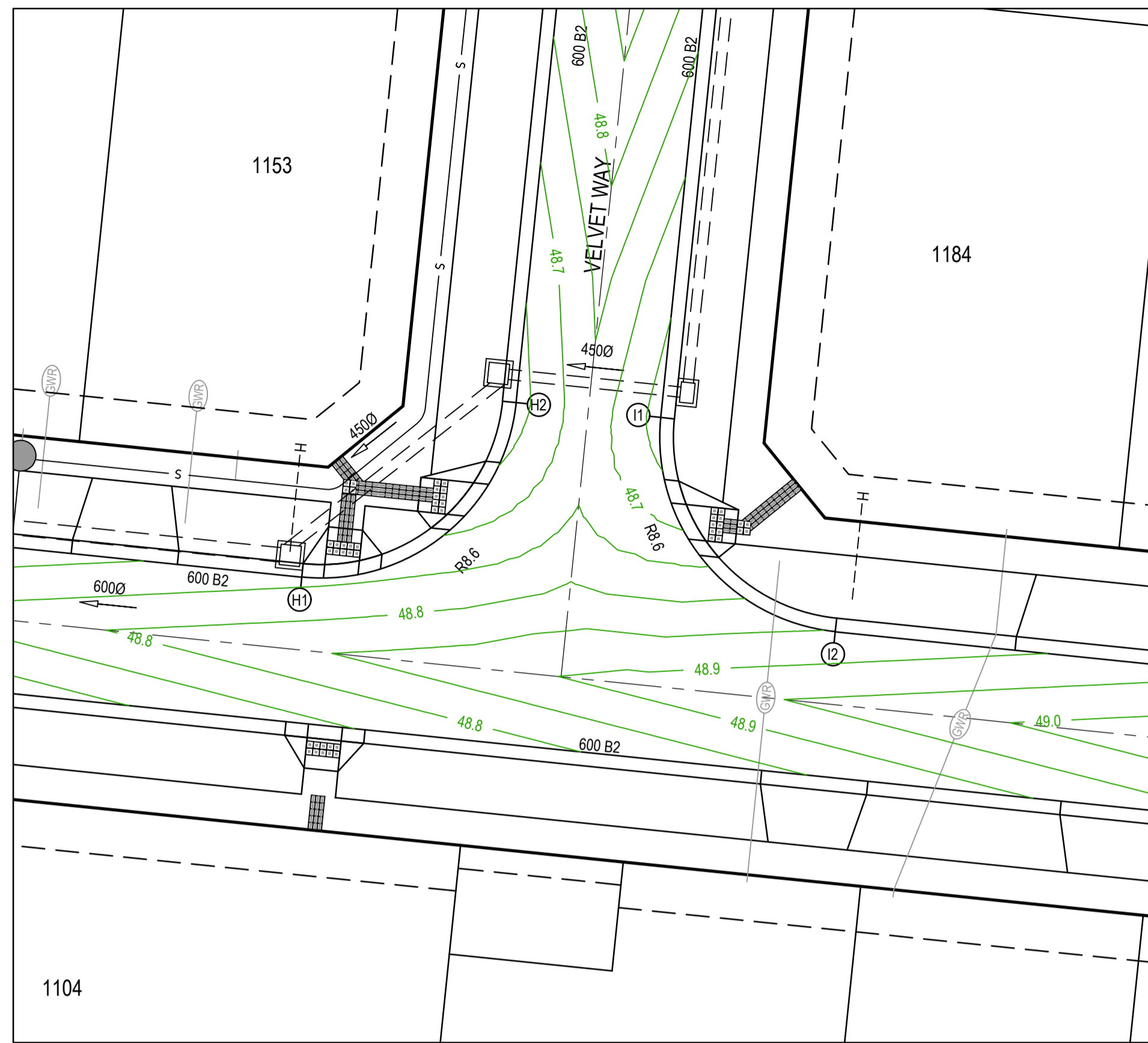
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ABN 47 065 475 149  
Collins Square, Tower 4, Level 20, 727 Collins St  
Melbourne, VIC 3008  
Ph 03 9514 1500



**GROWLAND**

Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Intersection Detail Plan - 2

MELWAYS REF <b>359 F9</b>	PROJECT / DRAWING No. <b>2360E-011-182</b>	SHEET No. <b>07 of 28</b>	REVISION <b>0</b>
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**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
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	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 PITTS.
  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**

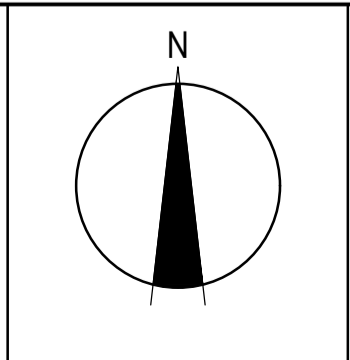
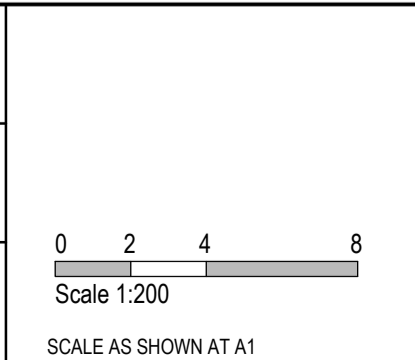
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 OHS Management AS/NZS 4801  
 Environmental Management ISO 14001

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PLAN OF SUB. NO. PS900883R  
 PERMIT REF. NO. WYP10365/17.01

**AS CONSTRUCTED**



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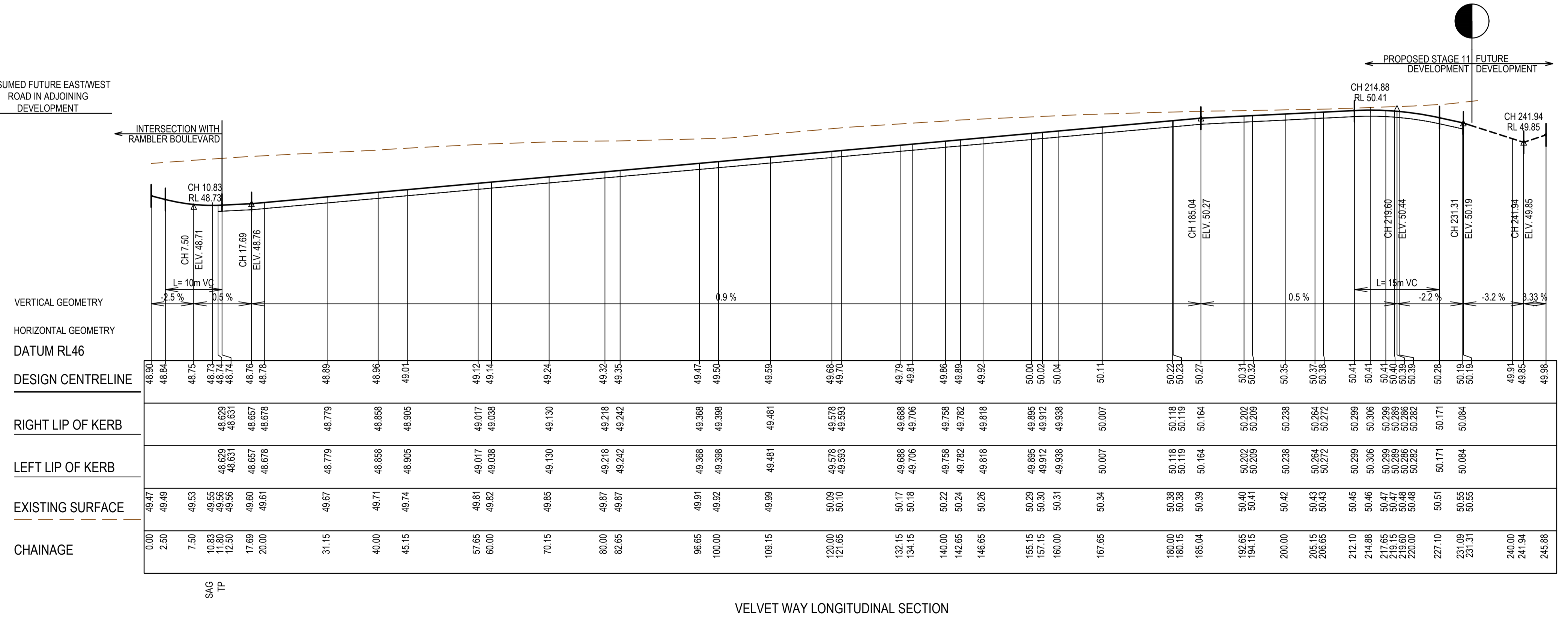
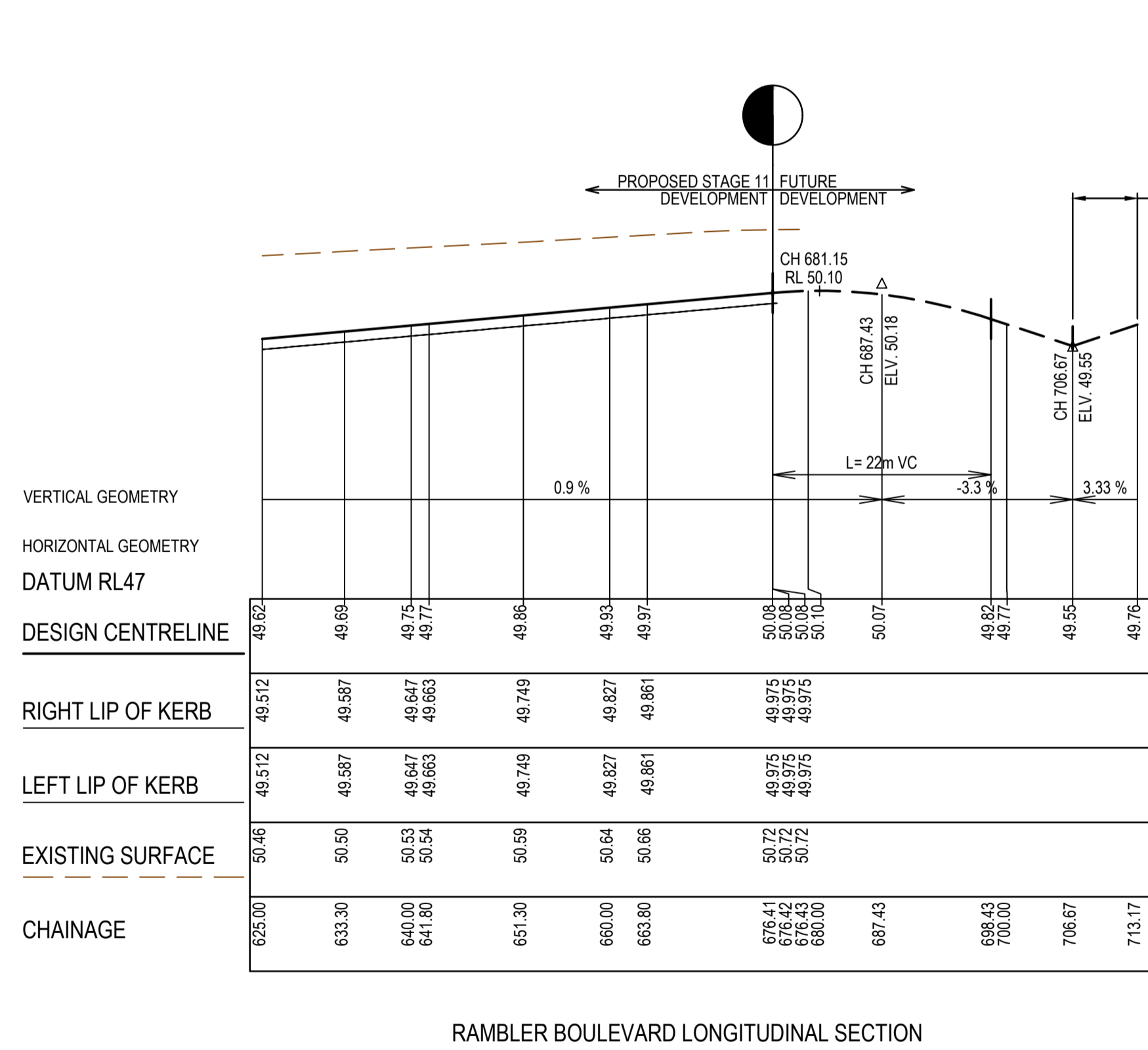
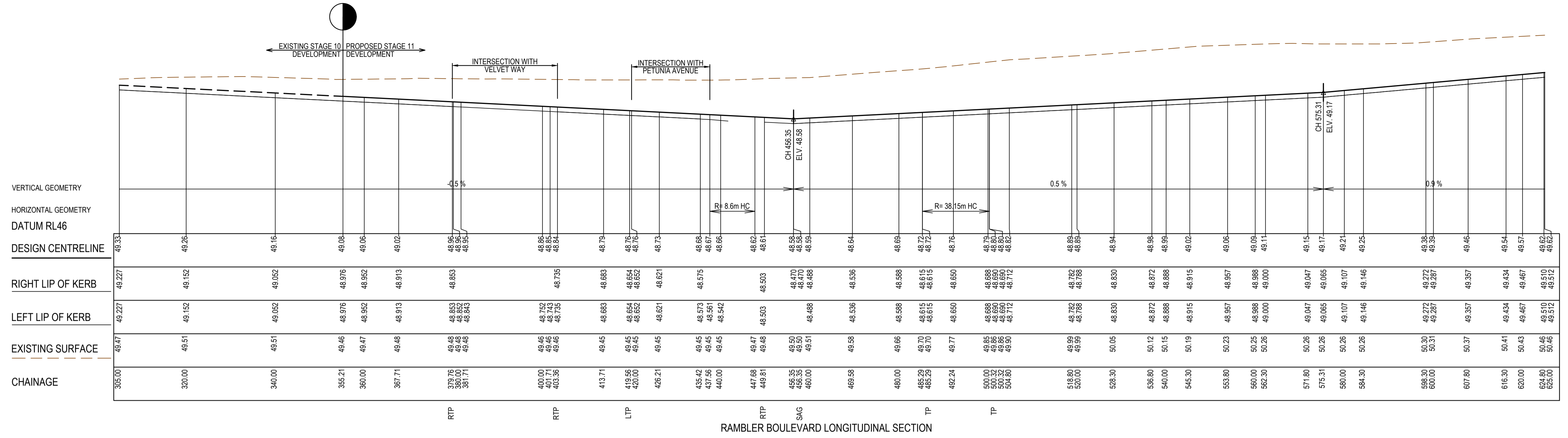
Collins Square, Tower 4, Level 20, 727 Collins St  
 Melbourne, VIC 3008  
 Ph 03 9514 1500

**GROWLAND**

Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Intersection Detail Plan - 3

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-183	SHEET No. 08 of 28	REVISION 0
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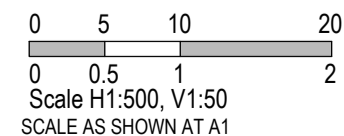
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PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

**AS CONSTRUCTED**



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Melbourne, VIC 3008  
Ph 03 9514 1500



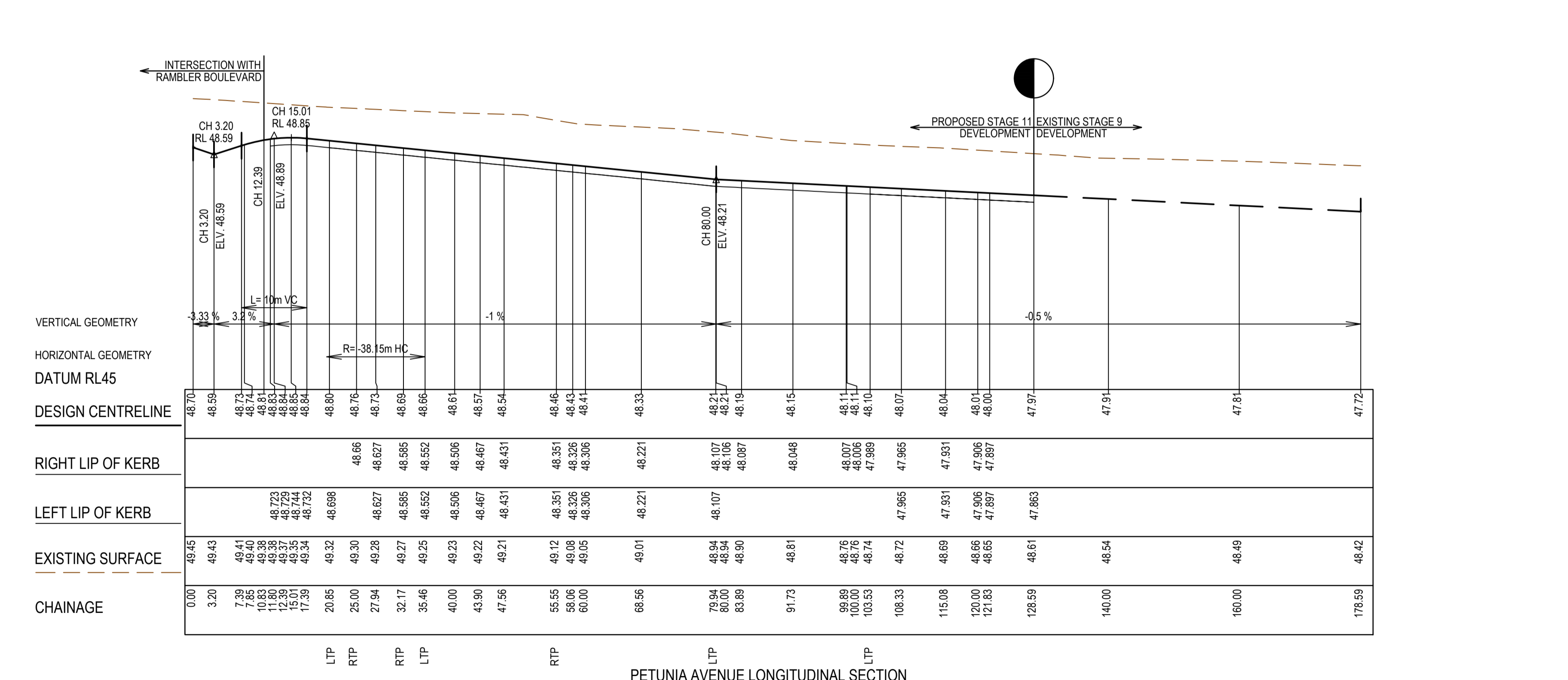
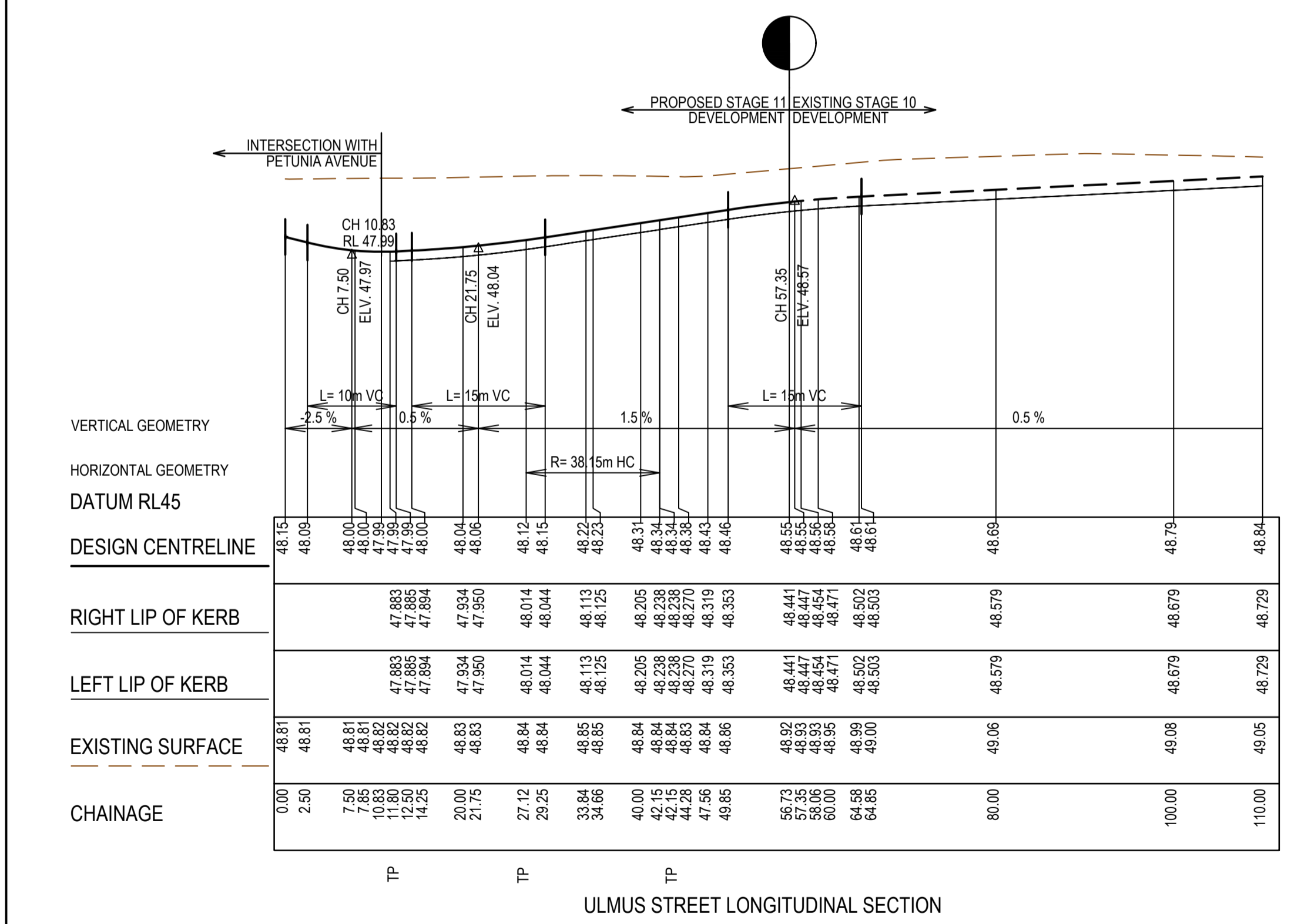
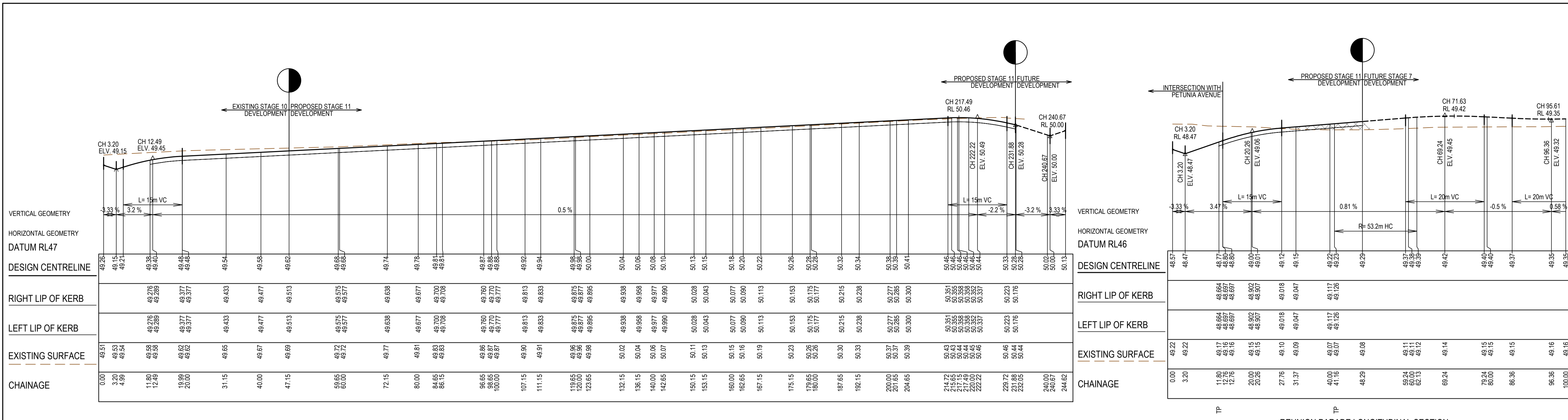
MELBAYS REF  
**359 F9**

Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Longitudinal Sections - 1  
Rambler Boulevard & Velvet Way

PROJECT / DRAWING No.  
**2360E-011-201**

SHEET No.  
**09 of 28**

REVISION  
**0**



**AS CONSTRUCTED PLANS**

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Quality Management ISO 9001  
 OHS Management AS/NZS 4500  
 Environmental Management ISO 14001

**AS CONSTRUCTED**

PLAN OF SUB. NO.  
PS900883R

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WYP10365/17.01

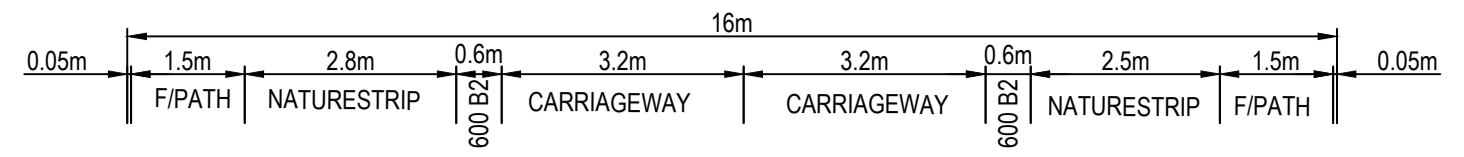
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Scale AS SHOWN AT 1

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 ABN 47 065 475 149  
 Collins Square, Tower 4, Level 20, 727 Collins St  
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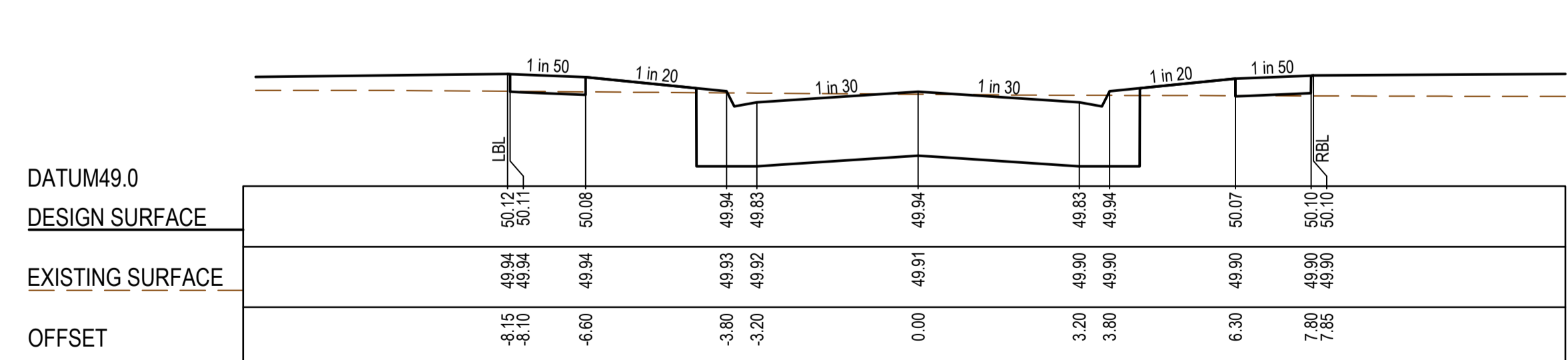
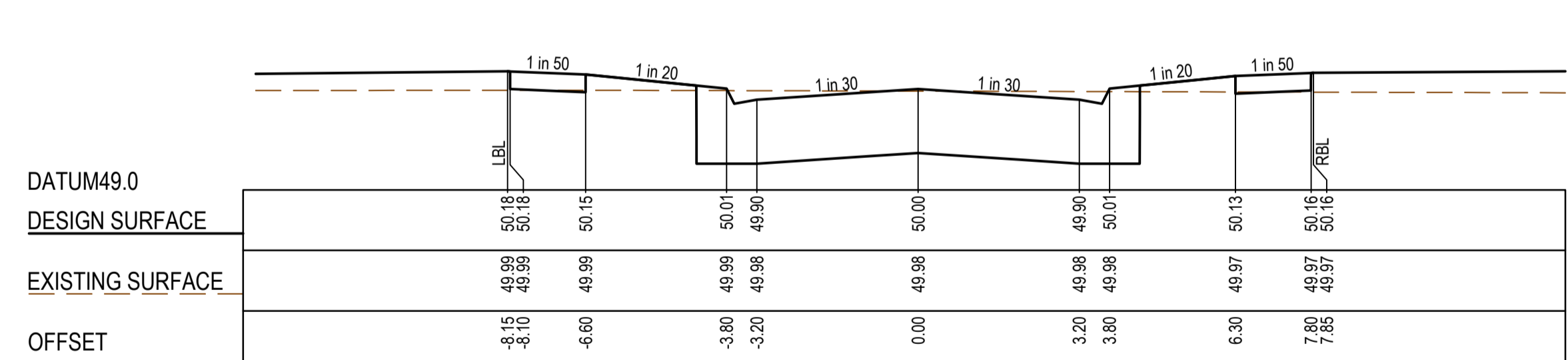
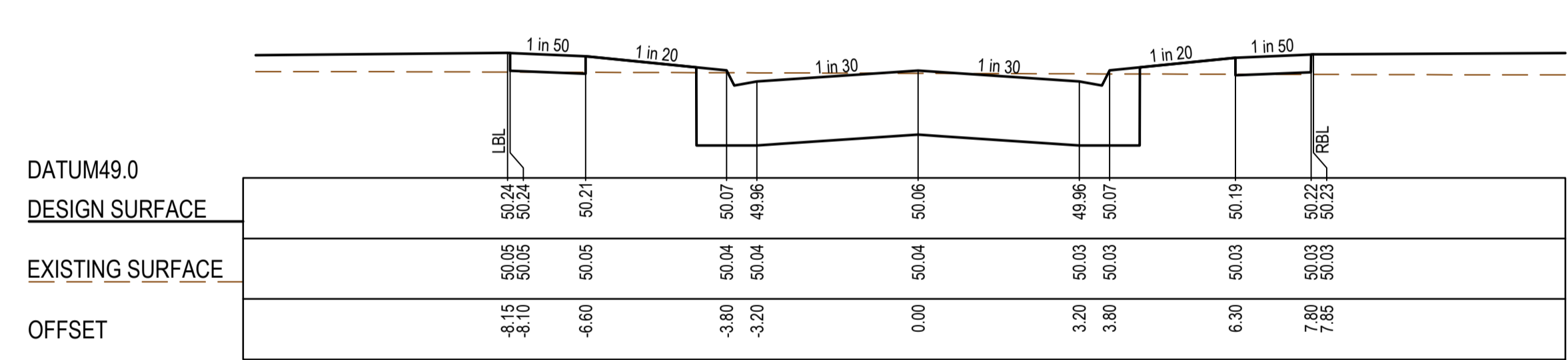
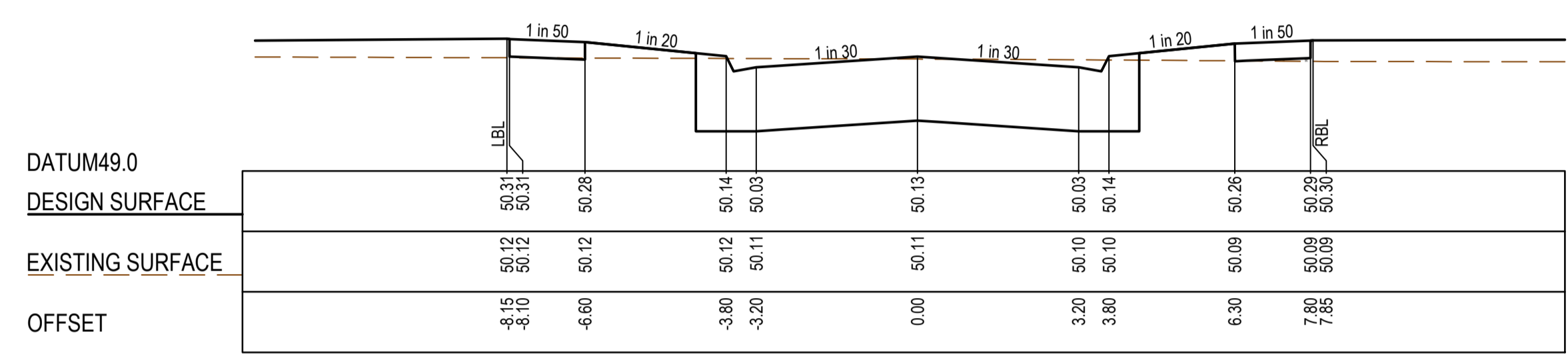
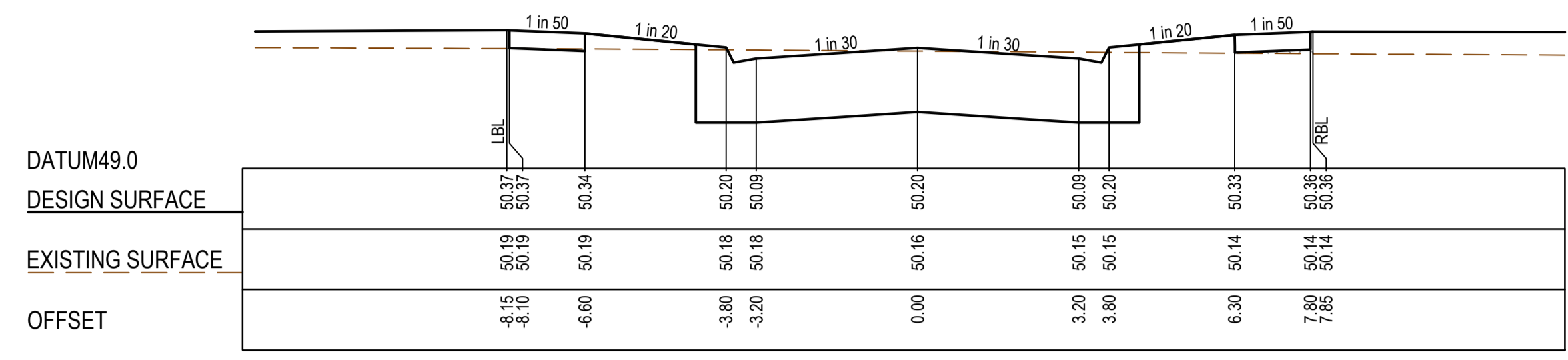
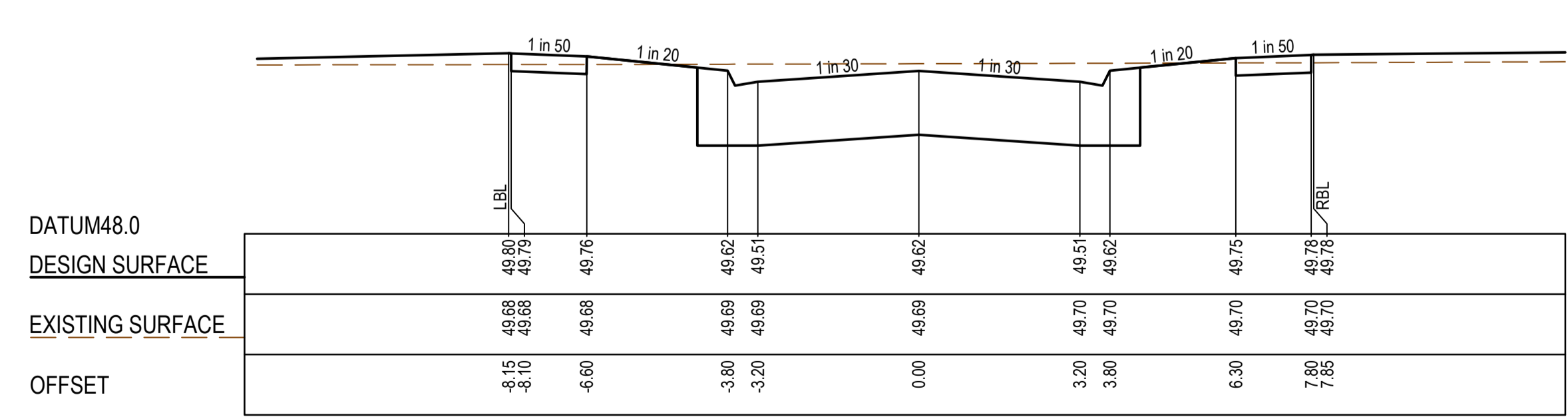
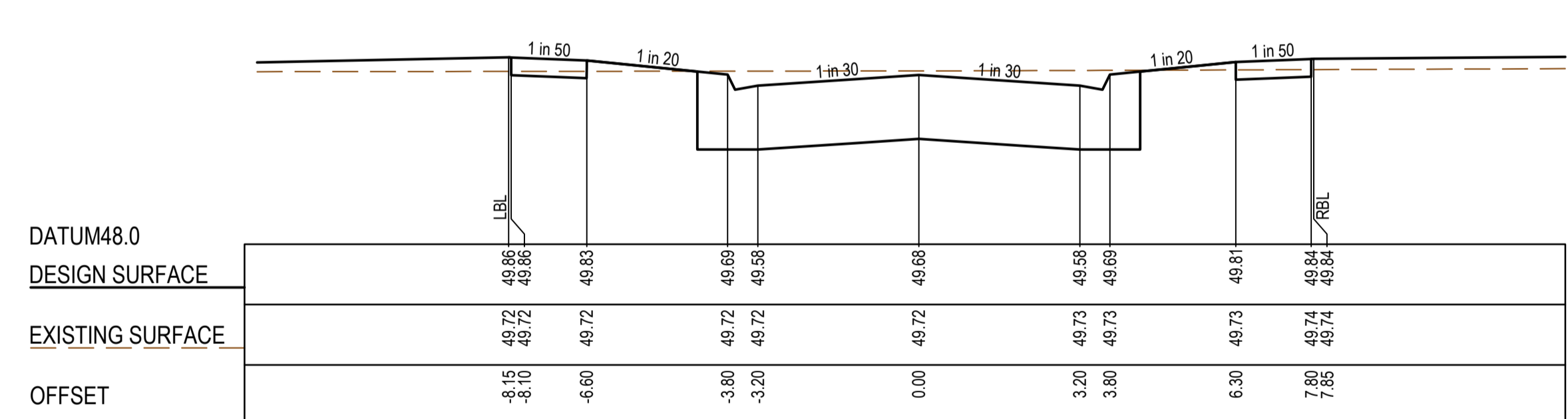
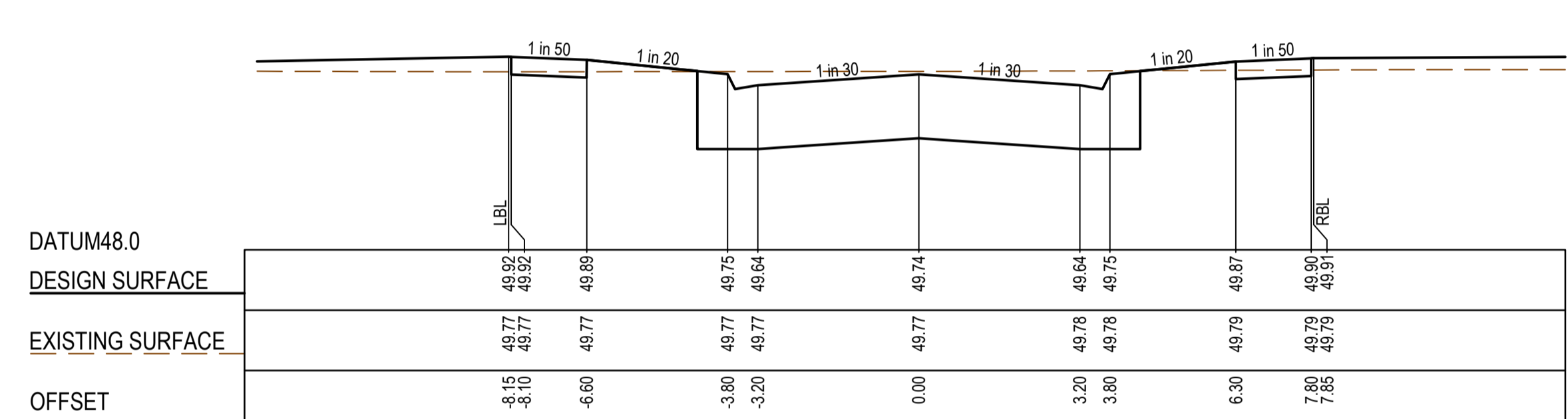
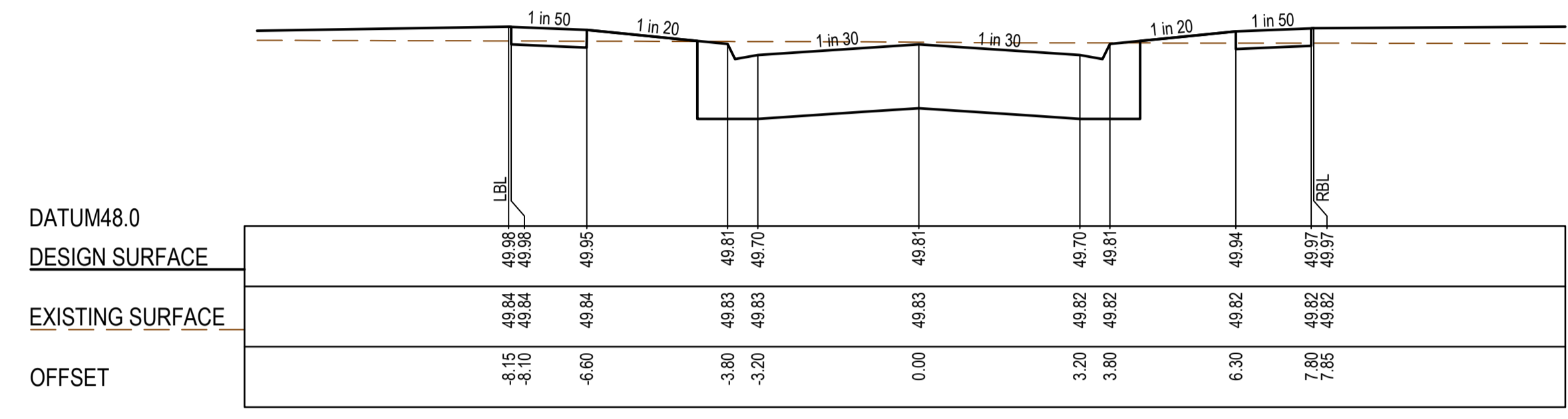
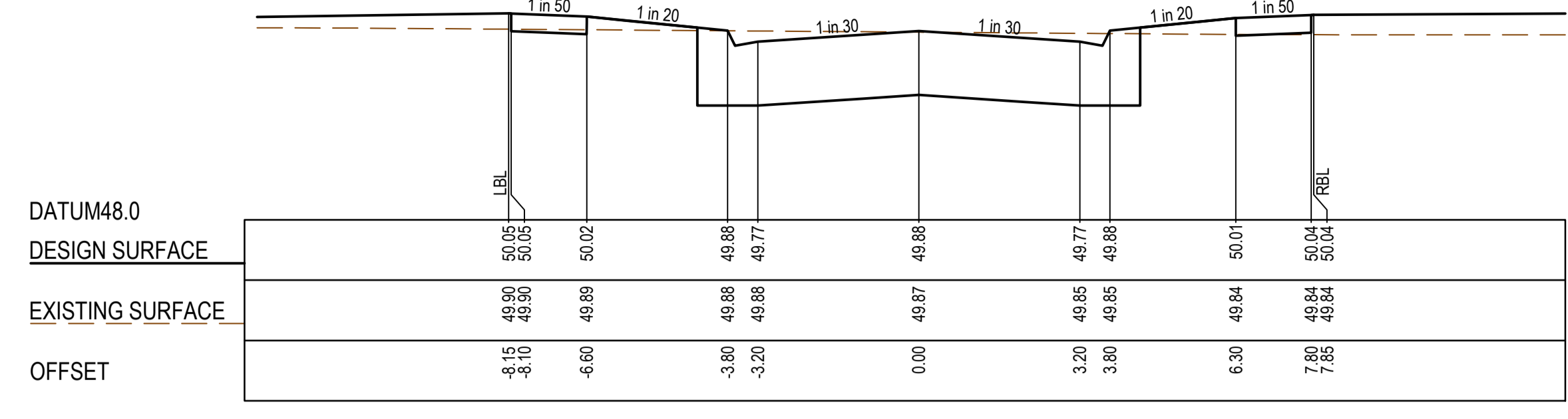
**GROWLAND**

Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Longitudinal Sections - 2  
 Cuban Road, Reunion Parade, Ulmus Street, etc.

MELWAYS REF: 359 F9  
 PROJECT/DRAWING No: 2360E-011-202  
 SHEET No: 10 of 28  
 REVISION: 0



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



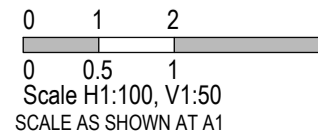
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PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

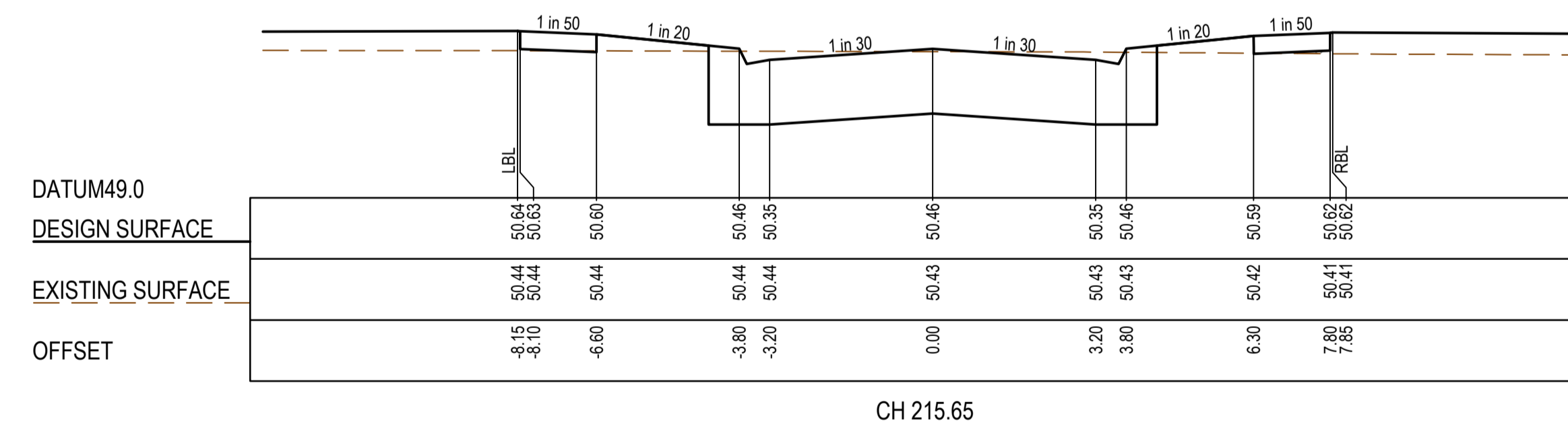
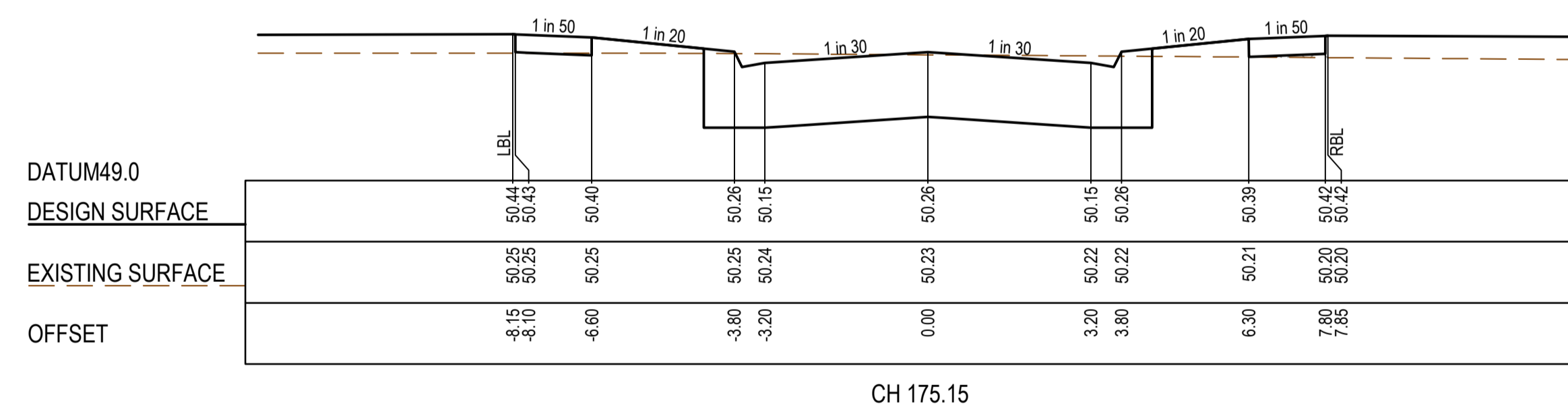
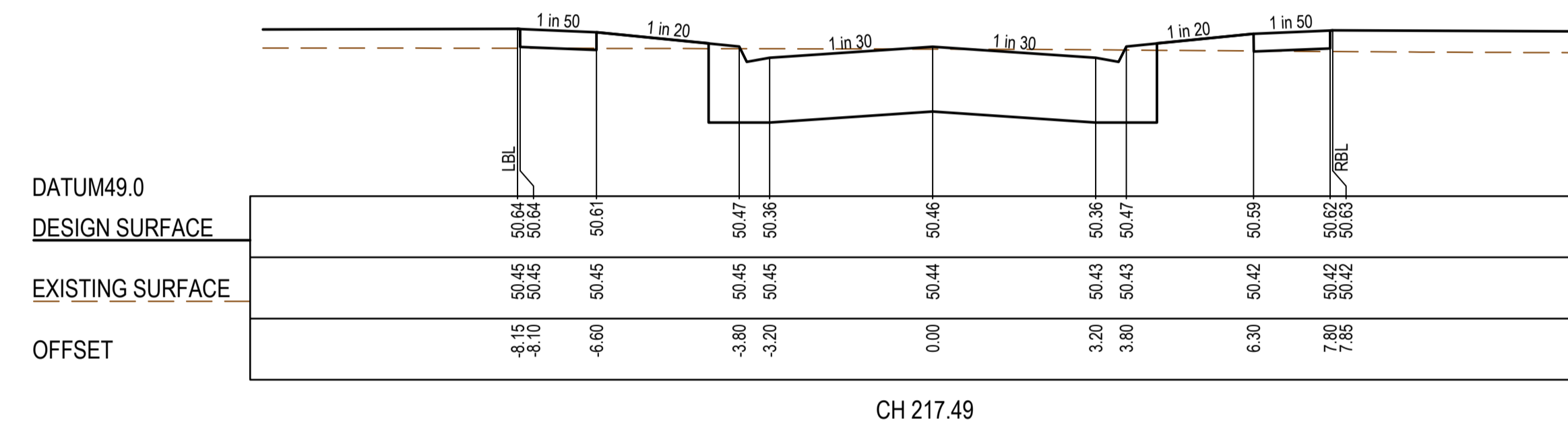
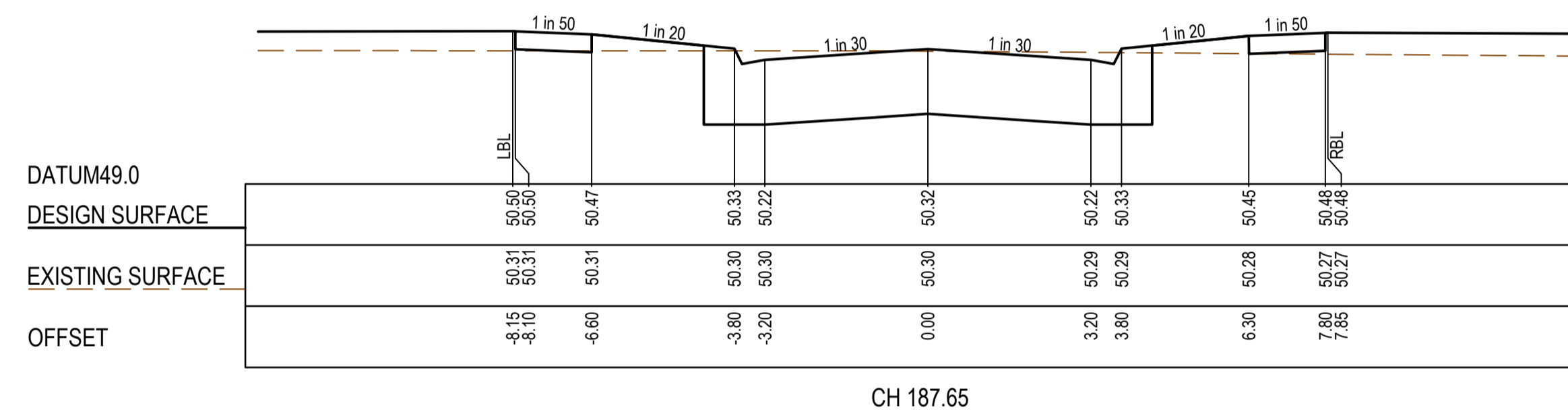
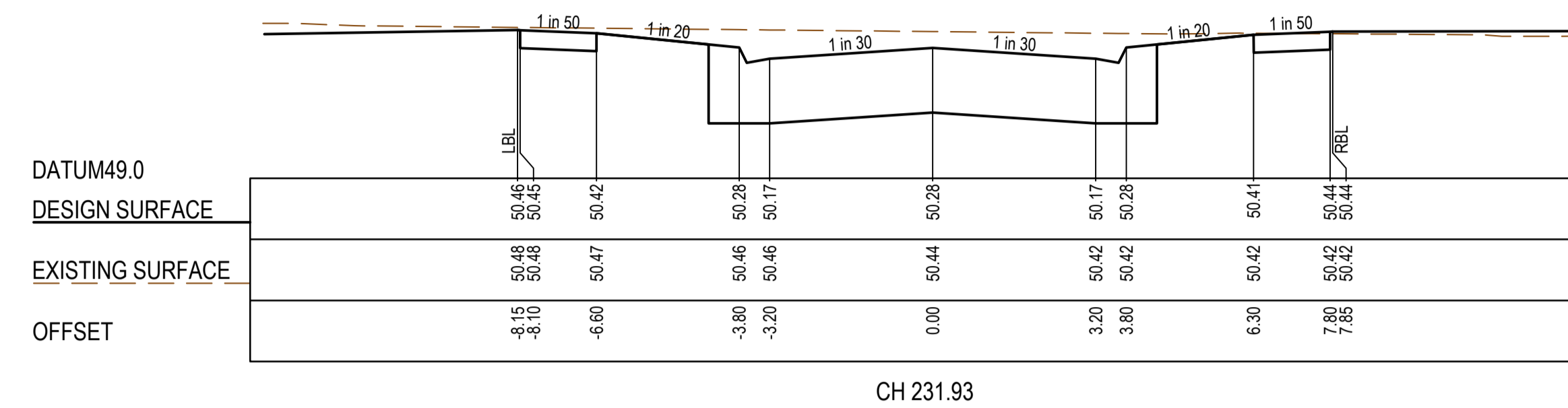
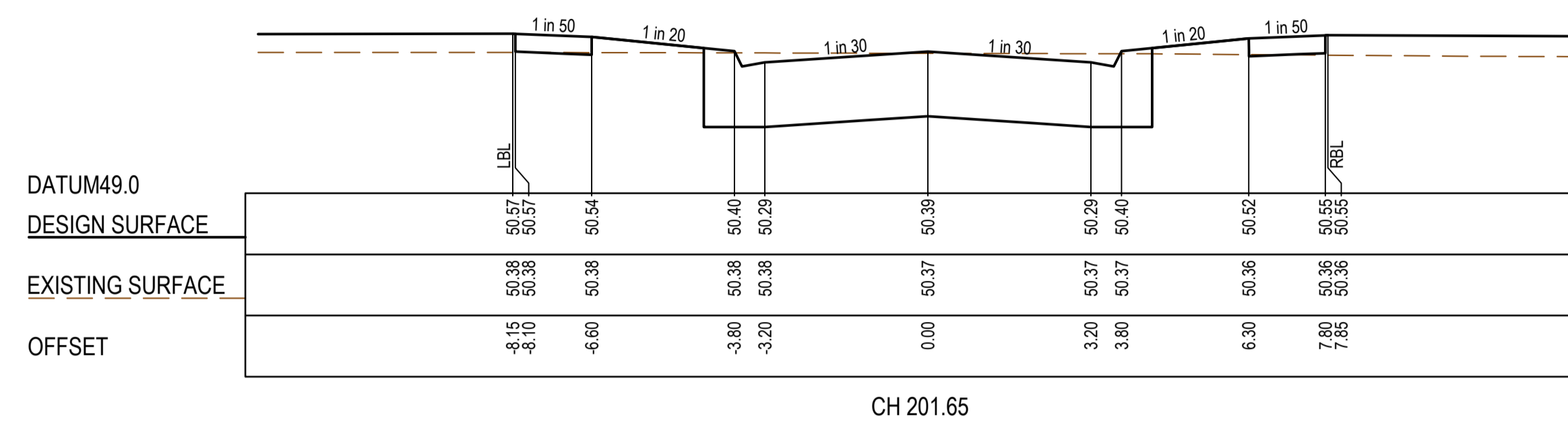
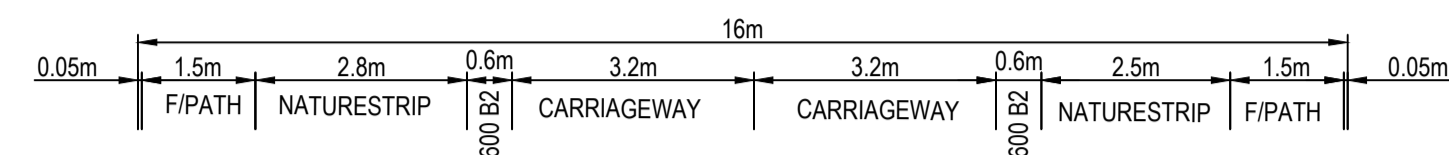
**AS CONSTRUCTED**



Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections  
Cuban Road: Ch 47.15 - Ch 162.65

MELBAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-251	SHEET No. 11 of 28	REVISION 0
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STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



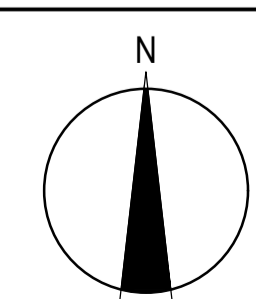
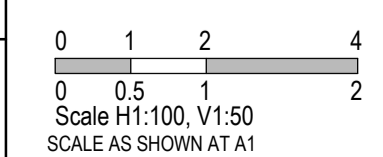
**AS CONSTRUCTED PLANS**

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 OHS Management AS/NZS 4801  
 Environmental Management ISO 14001  
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PLAN OF SUB. NO.  
 PS900883R  
 PERMIT REF. NO.  
 WYP10365/17.01

**AS CONSTRUCTED**

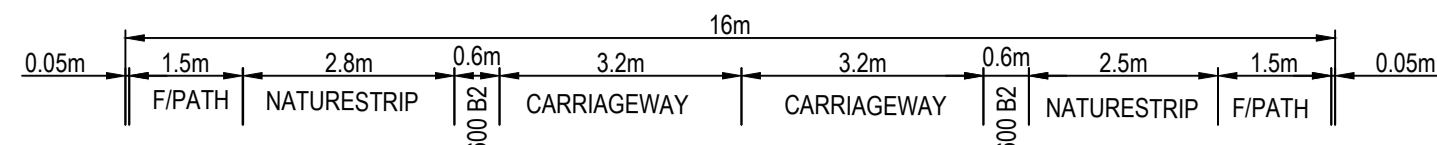


**SMEC**  
 Member of the Surbana Jurong Group  
 ABN 47 065 475 149  
 Collins Square, Tower 4, Level 20, 727 Collins St  
 Melbourne, VIC 3008  
 Ph 03 9514 1900

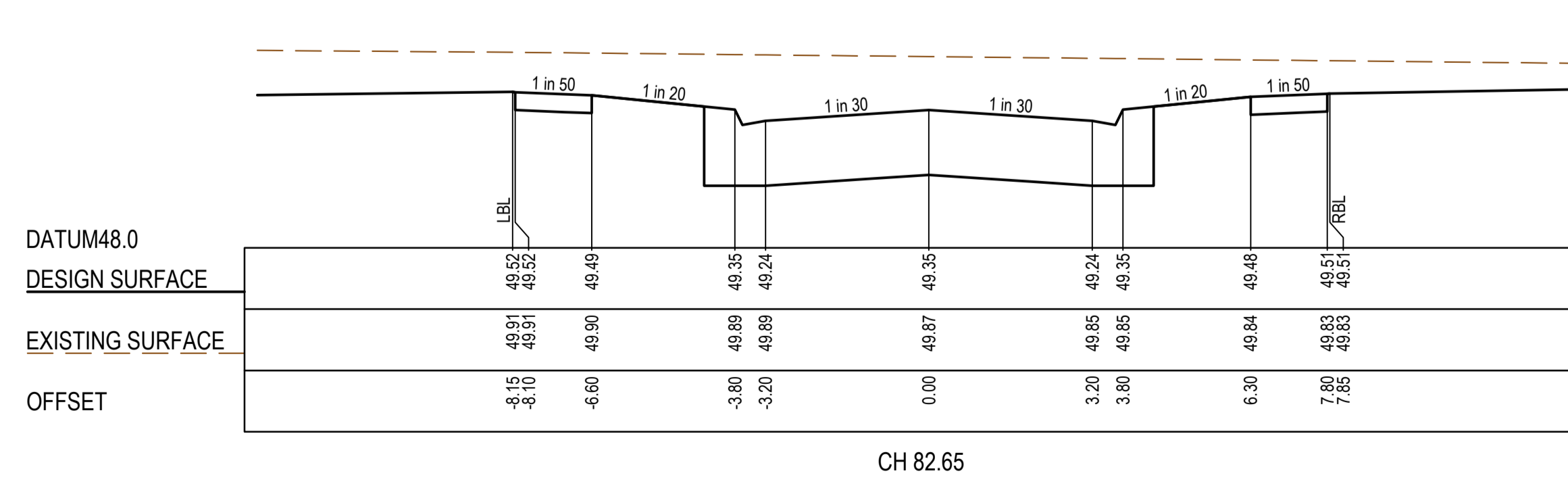
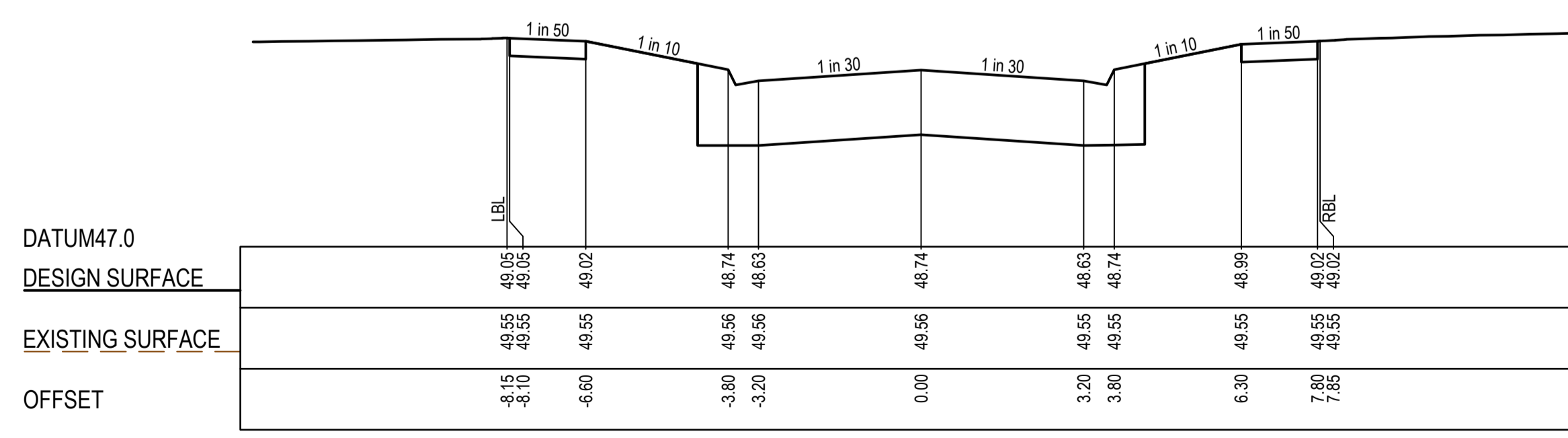
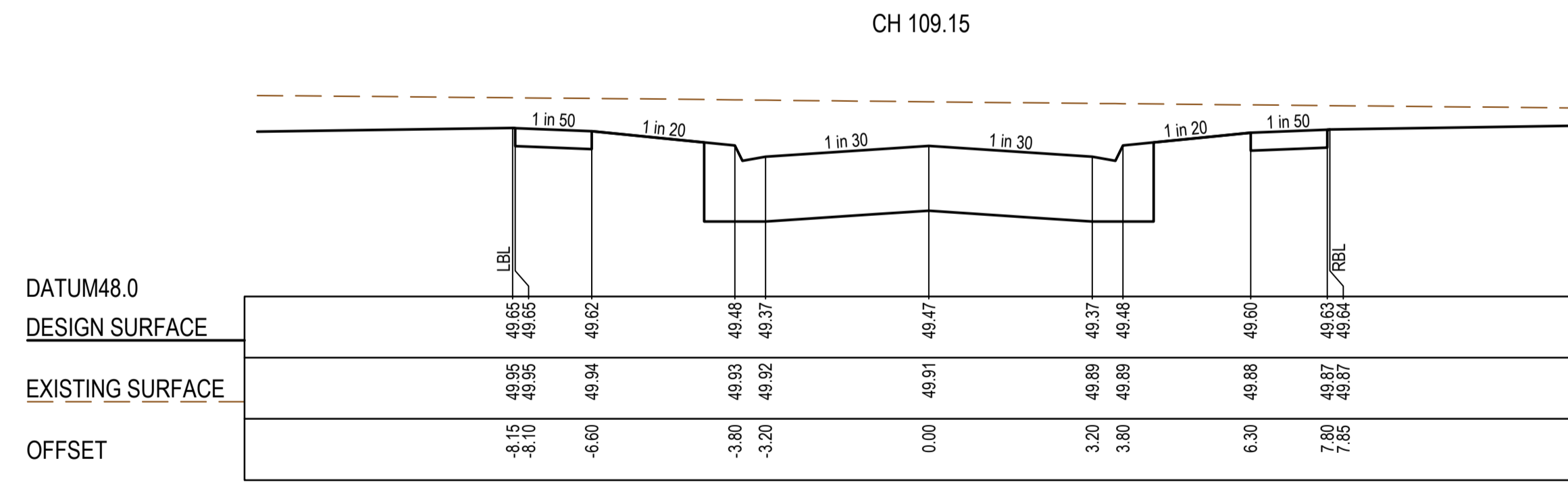
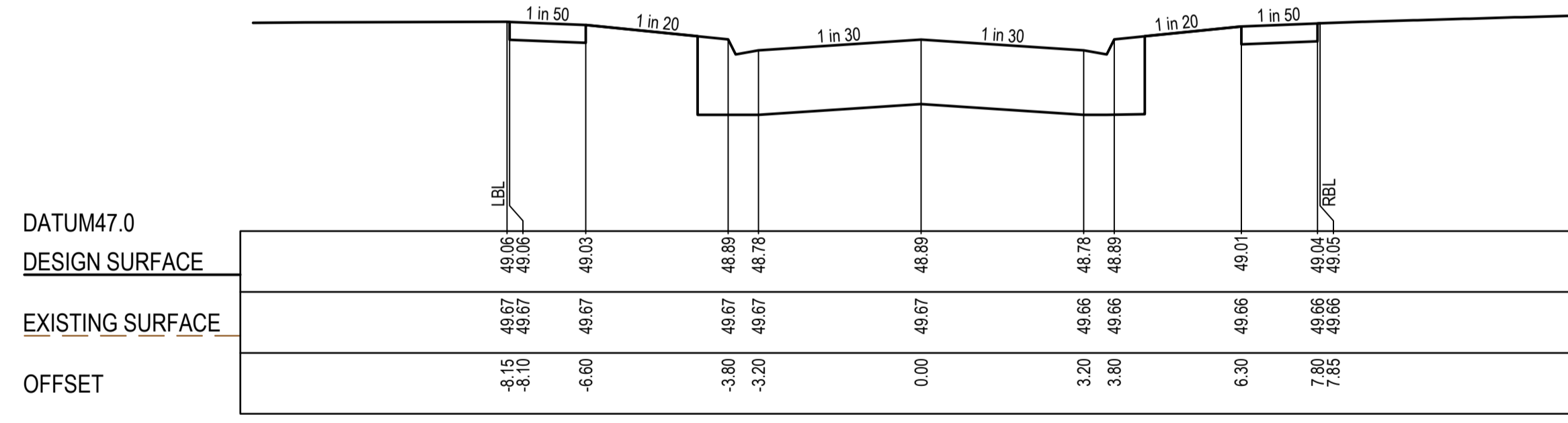
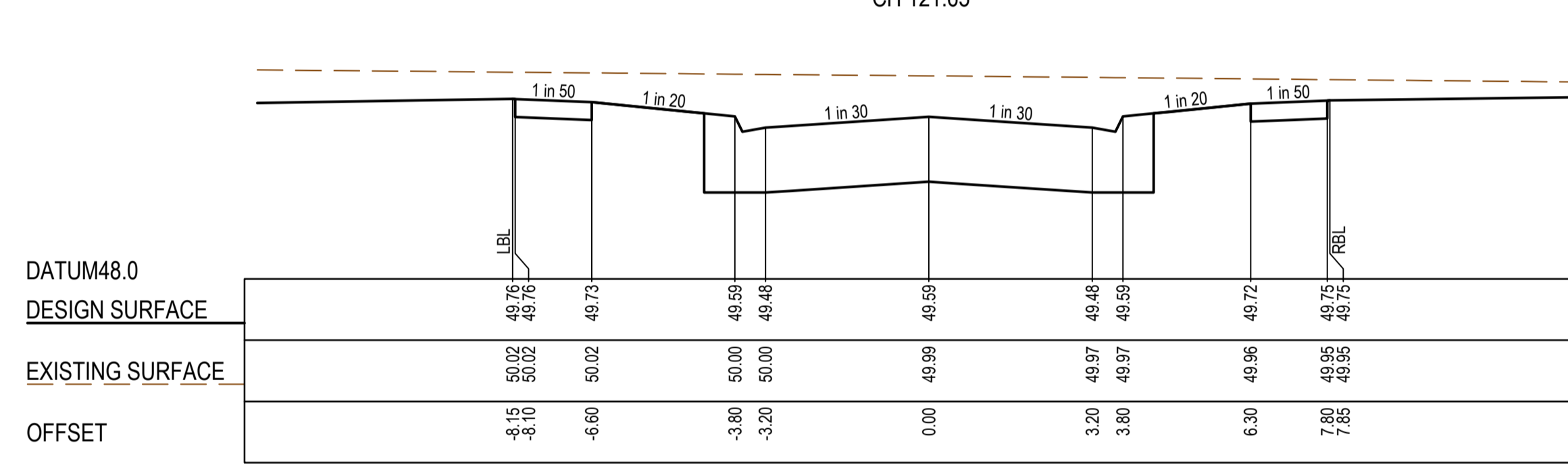
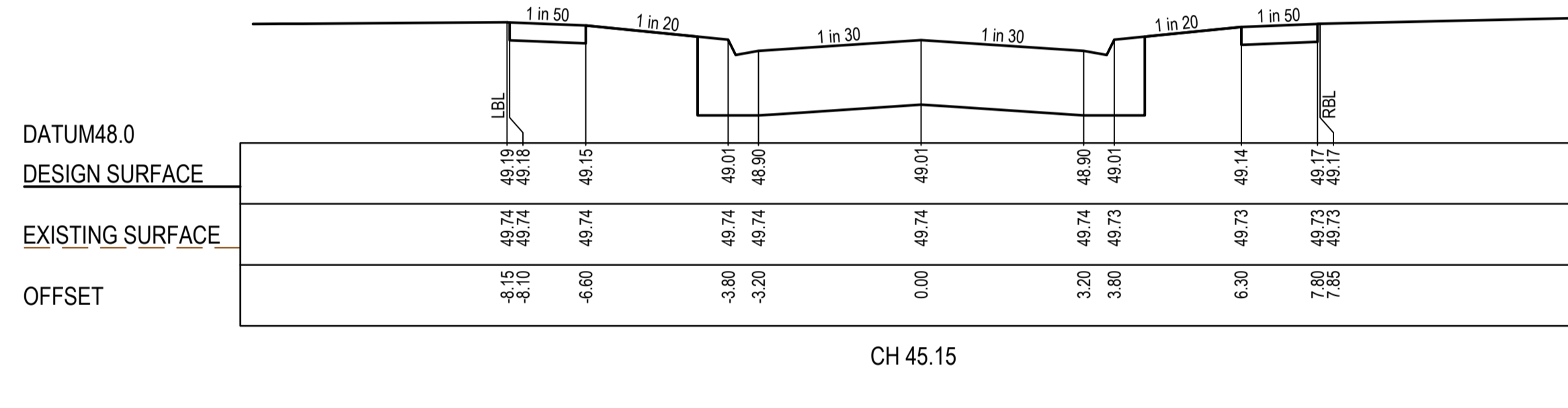
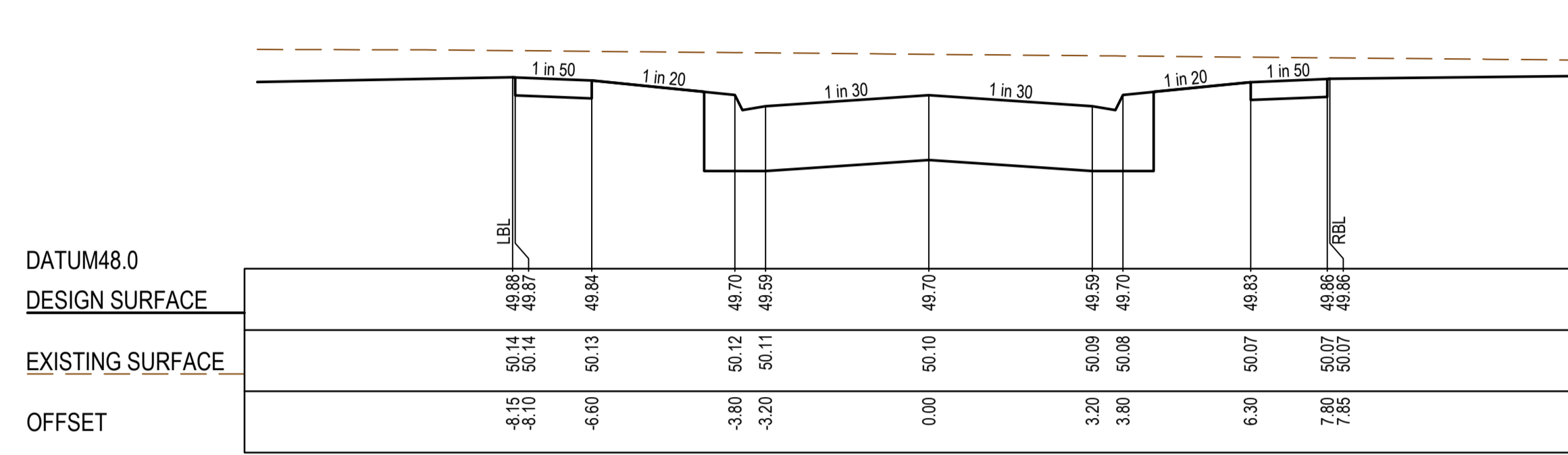
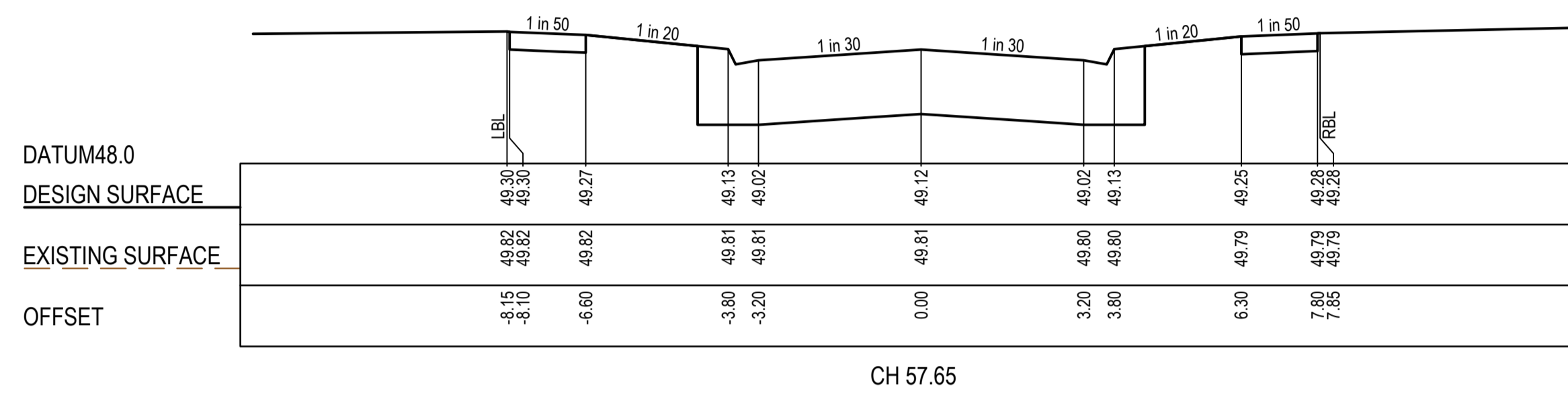
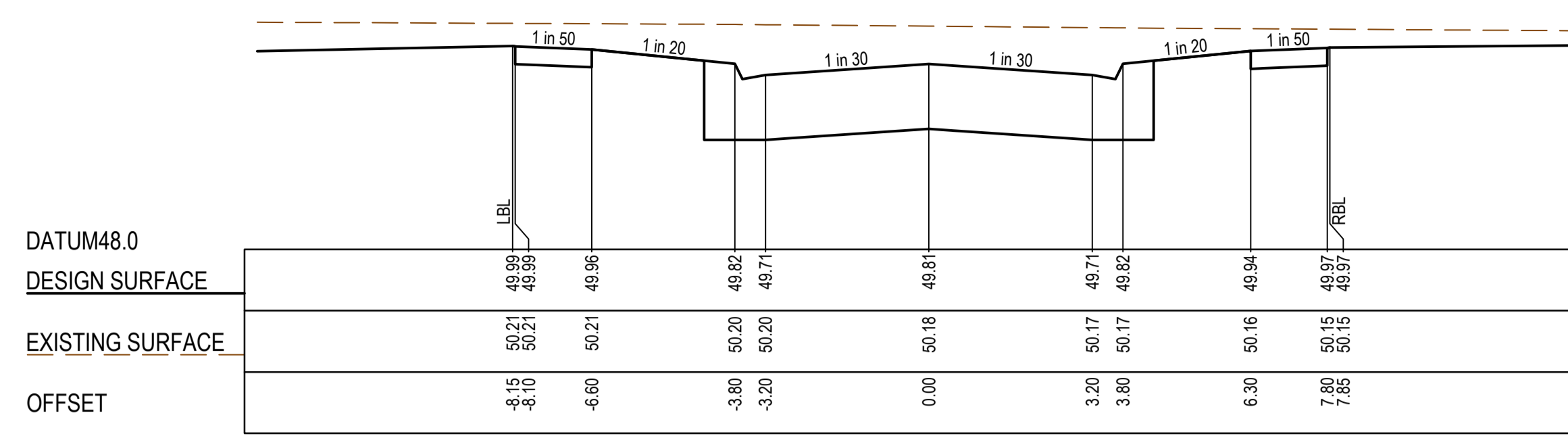
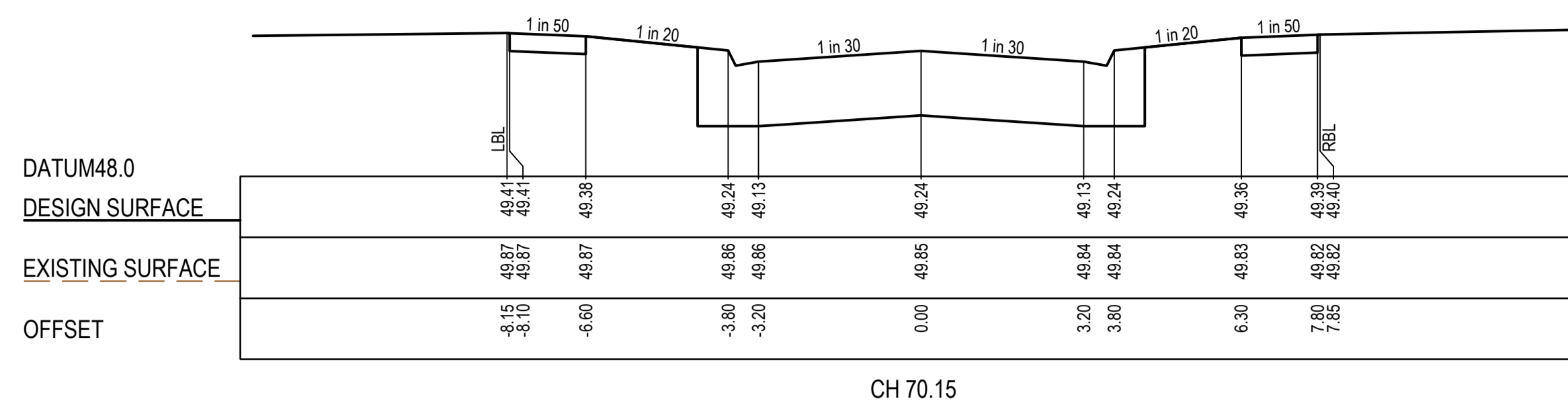
**GROWLAND**

Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Cross Sections  
 Cuban Road: Ch 175.15 - Ch 231.93

MELWAYS REF: 359 F9  
 PROJECT/DRAWING No: 2360E-011-252  
 SHEET No: 12 of 28  
 REVISION: 0



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



**AS CONSTRUCTED PLANS**  
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PLAN OF SUB. NO.  
PS900883R  
 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 1

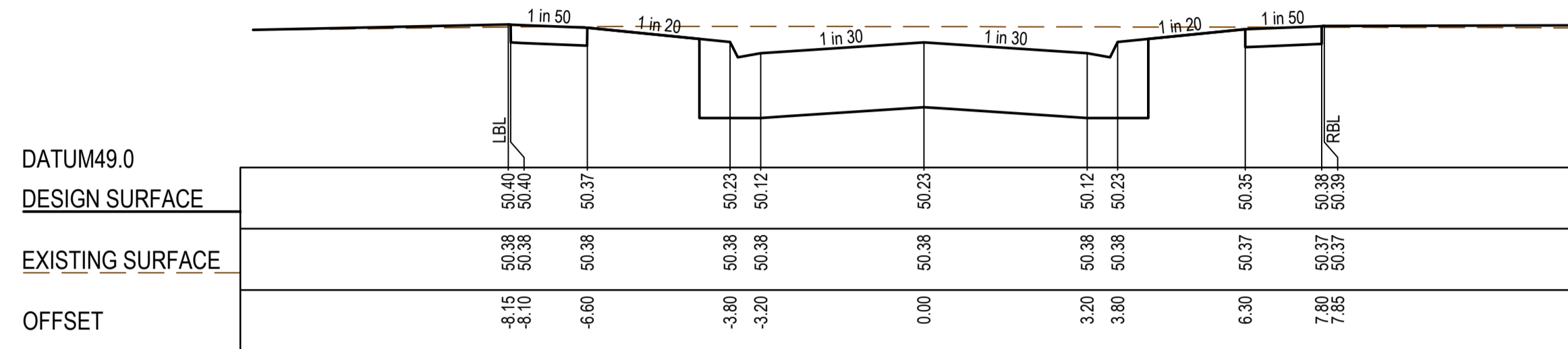
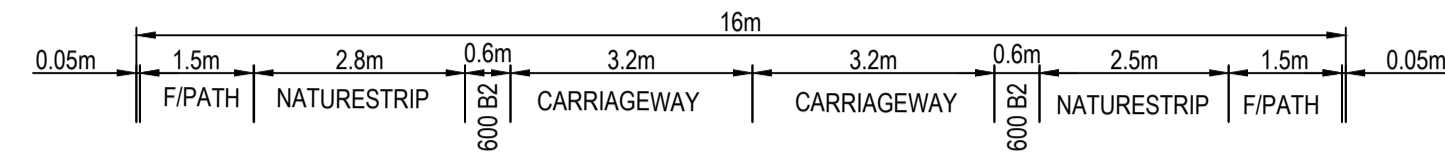
**SMEC**  
 Member of the Surlana Jurong Group  
 ABN 47 065 475 149  
 Collins Square, Tower 4, Level 20, 727 Collins St  
 Melbourne, VIC 3008  
 Ph 03 9514 1500

**GROWLAND**

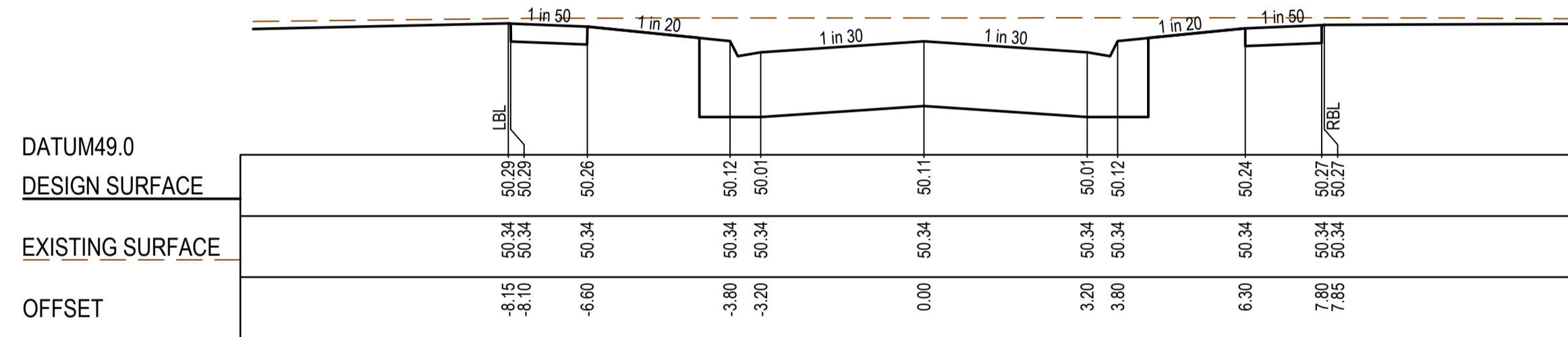
Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Cross Sections  
 Velvet Way: Ch 11.80 - Ch 134.15

MELWAYS REF: 359 F9  
 PROJECT/DRAWING No: 2360E-011-253  
 SHEET No: 13 of 28  
 REVISION: 0

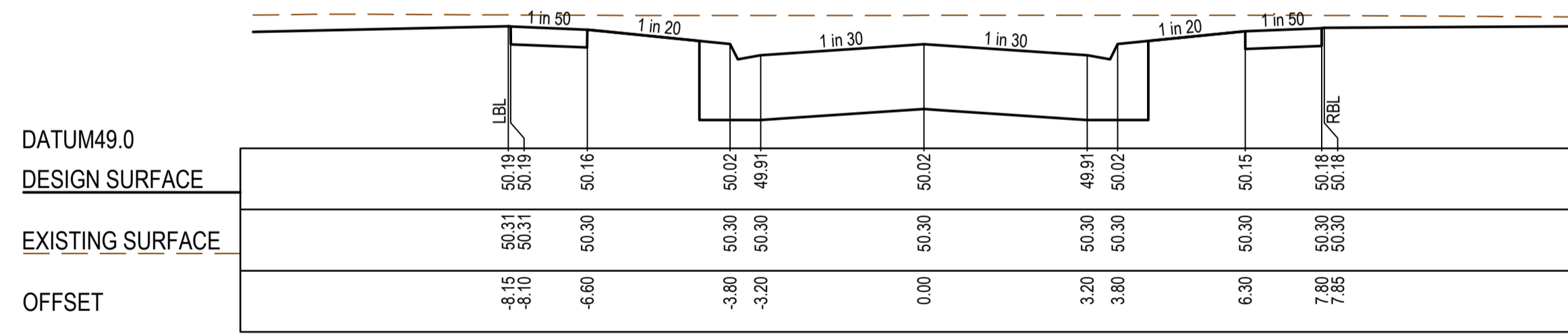
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



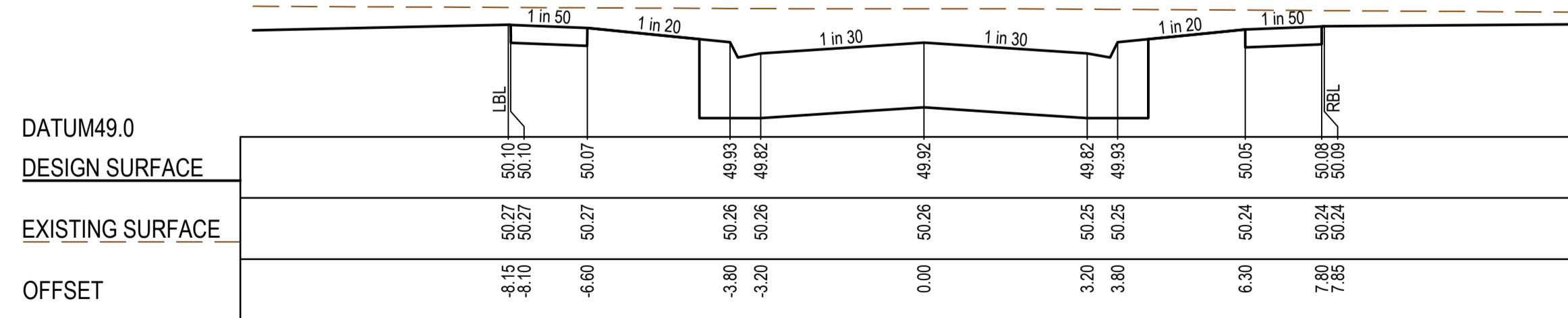
CH 180.15



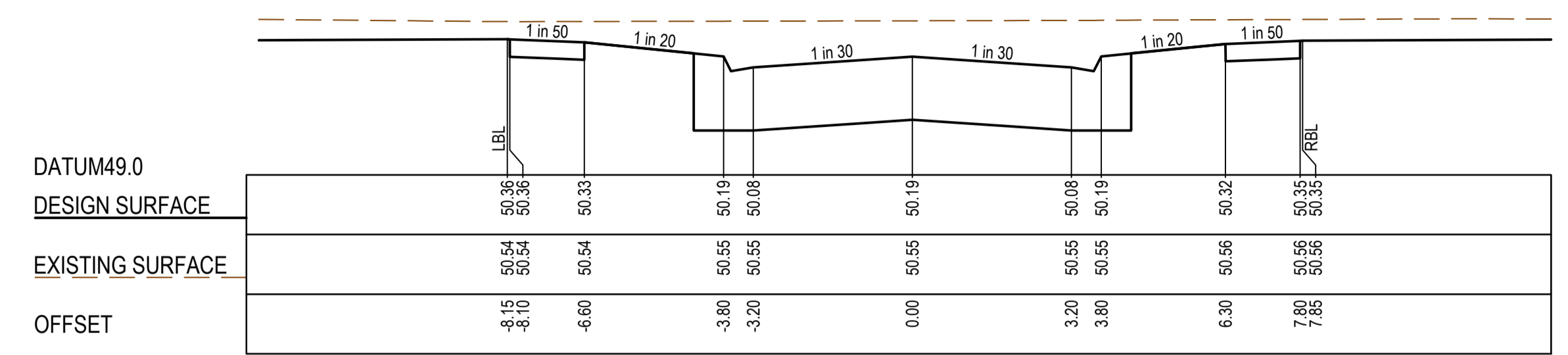
CH 167.65



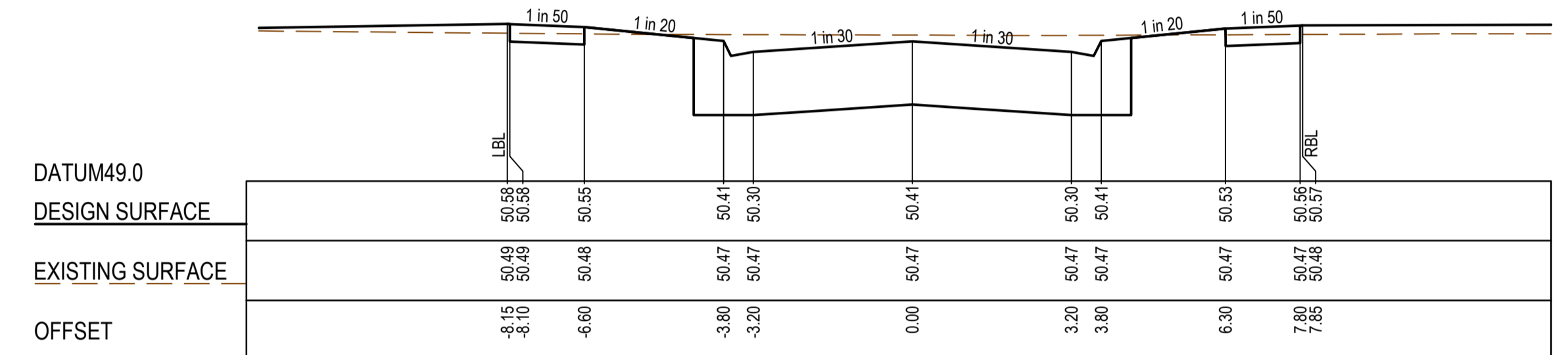
CH 157.15



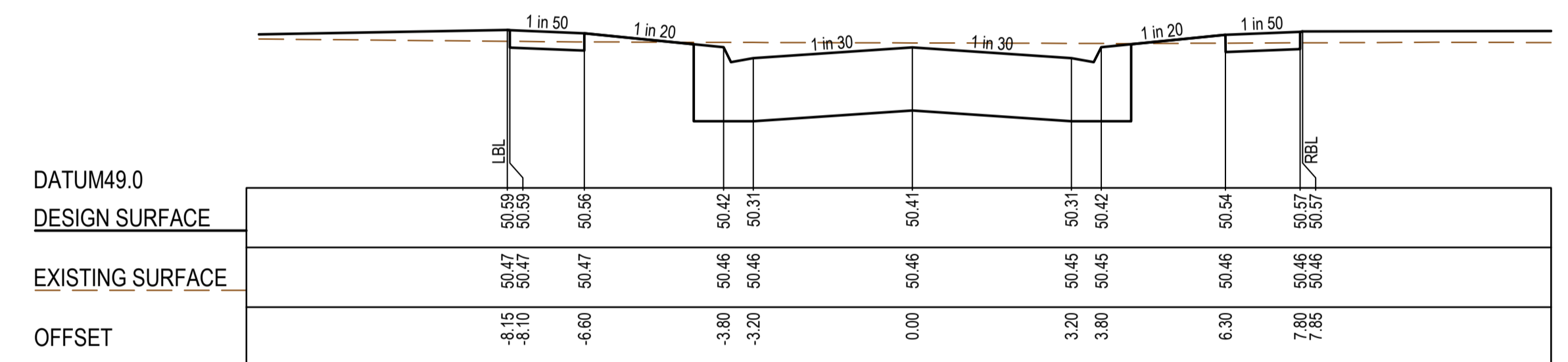
CH 146.65



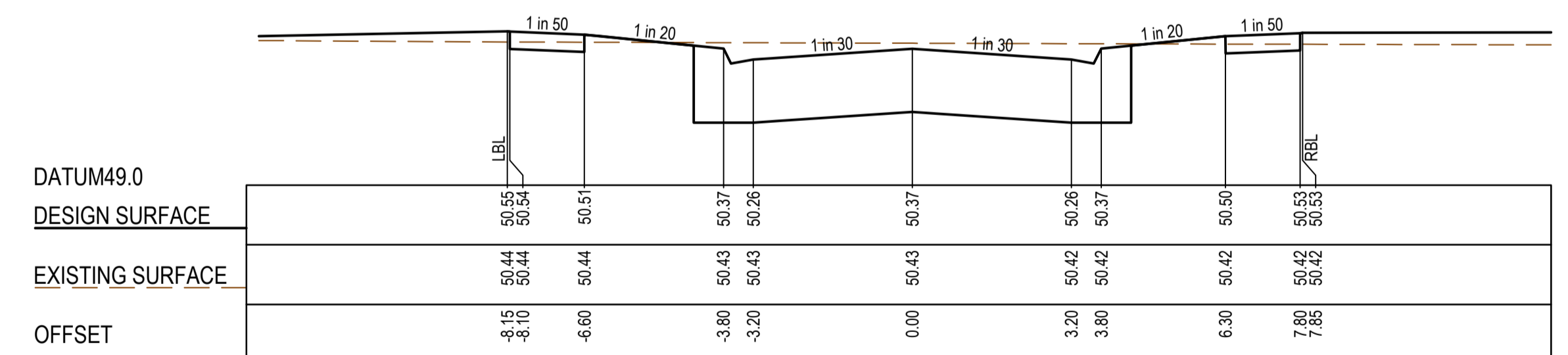
CH 231.16



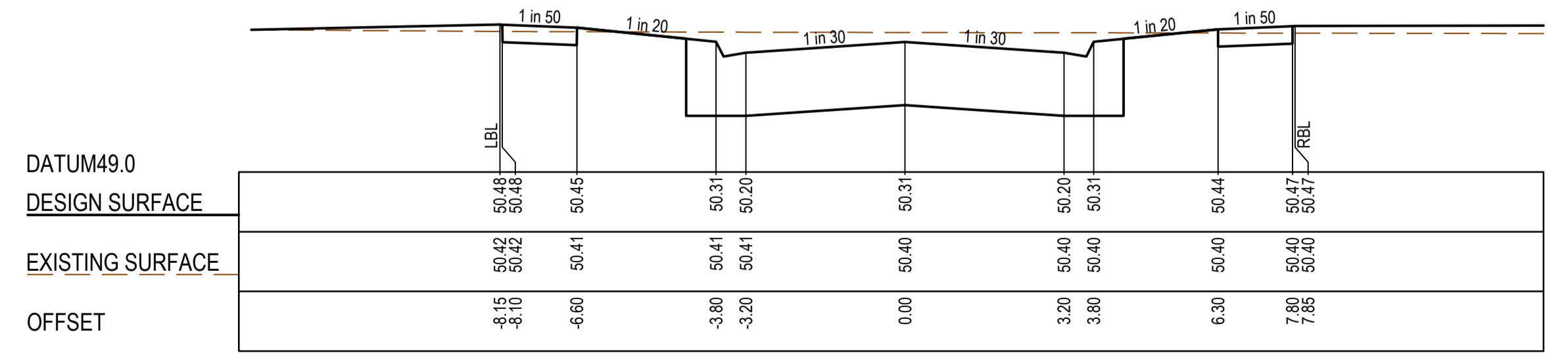
CH 217.65



CREST CH 214.88



CH 205.15



CH 192.65

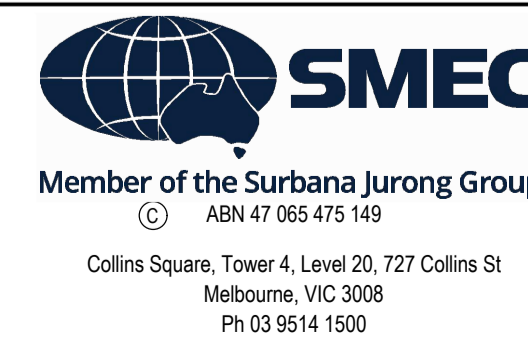
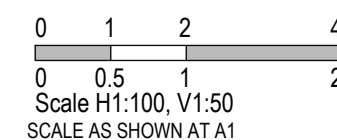
**AS CONSTRUCTED PLANS**

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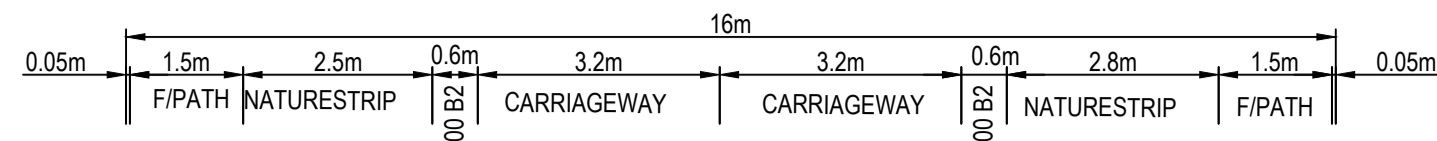
PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

**AS CONSTRUCTED**

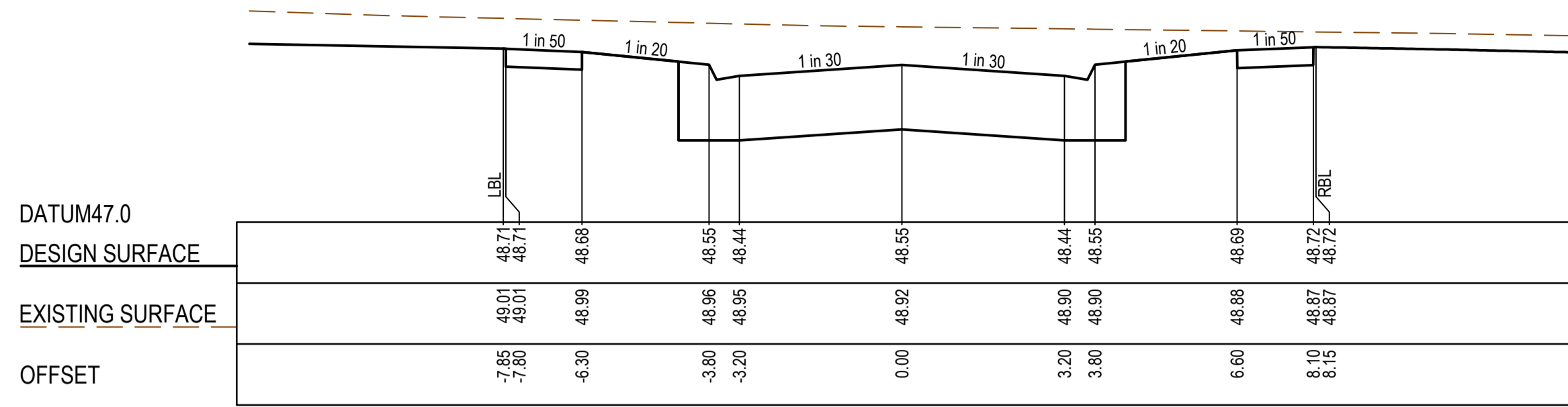


Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections  
Velvet Way: Ch 146.65 - Ch 231.16

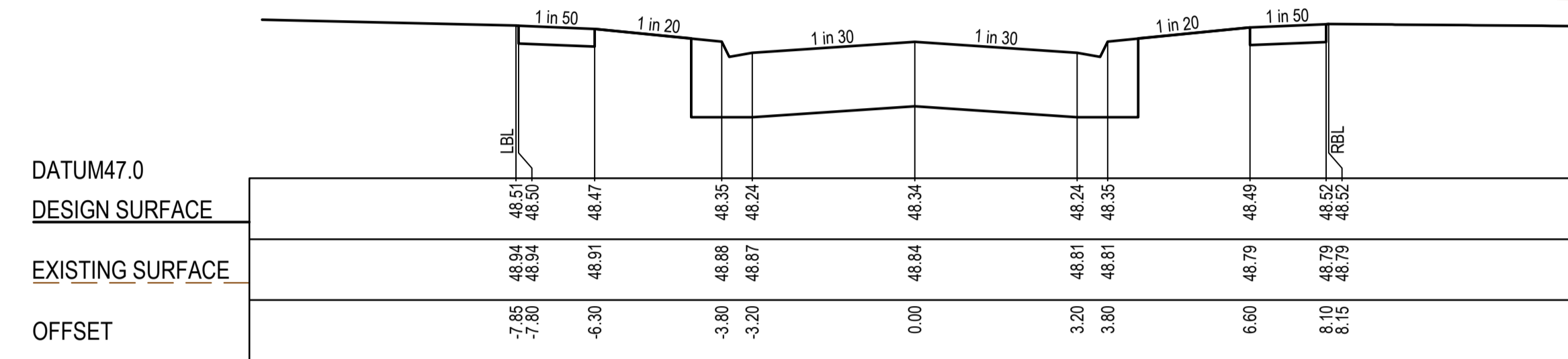
MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-254	SHEET No. 14 of 28	REVISION 0
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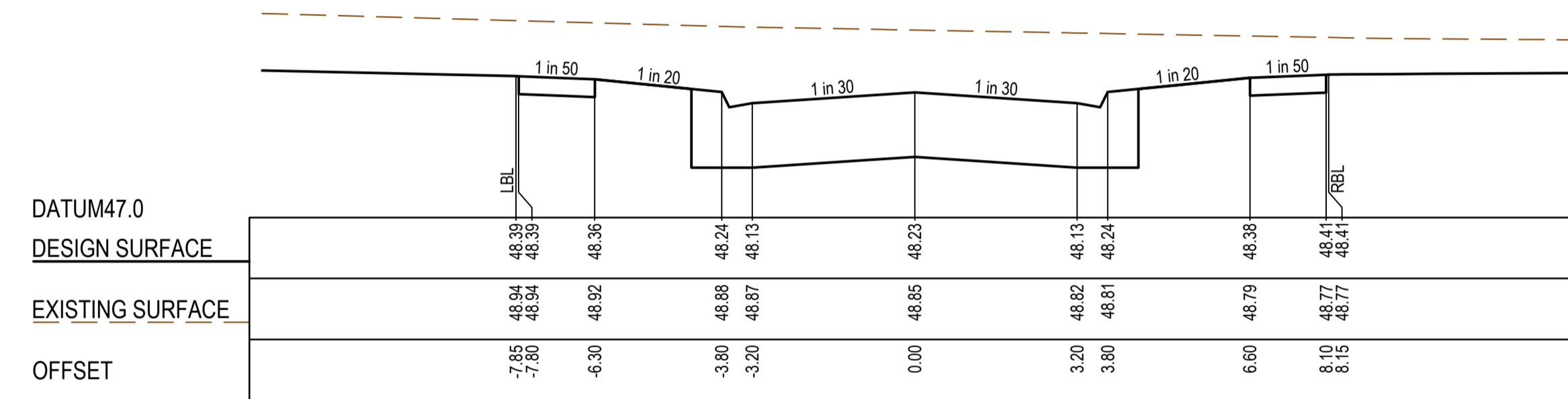
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



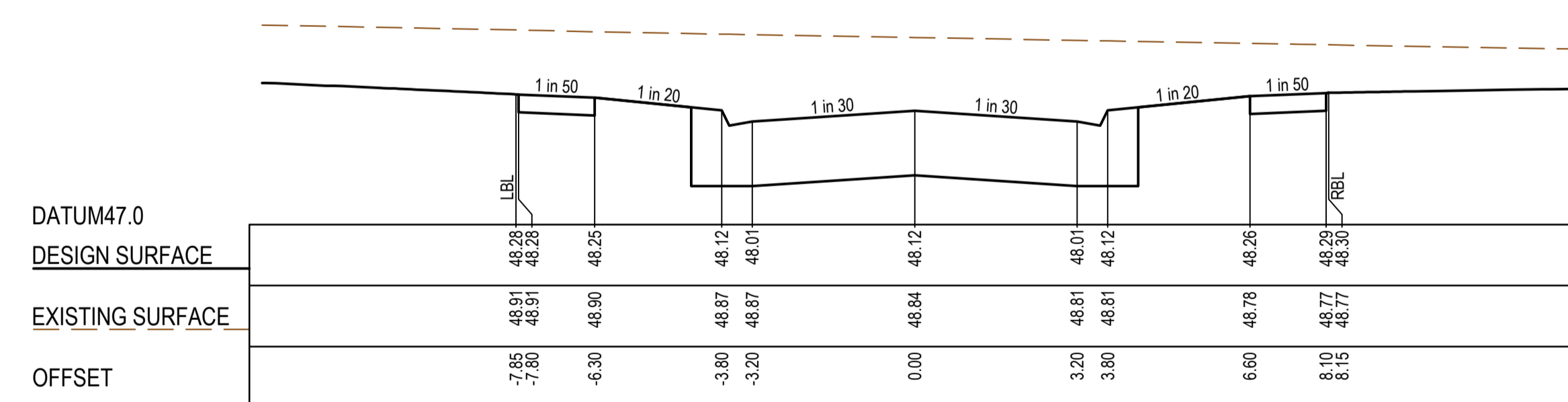
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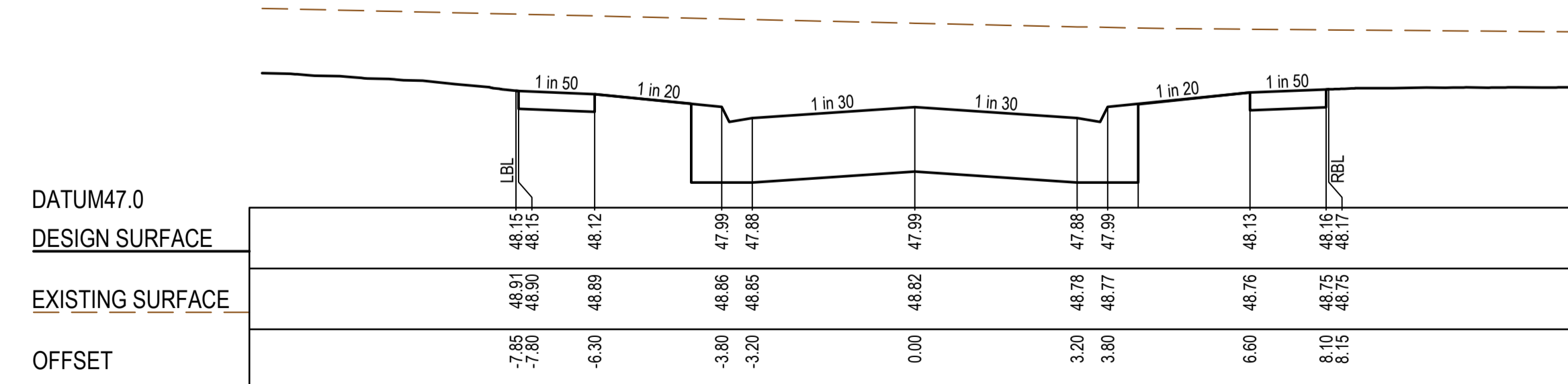
TPCH 42.15



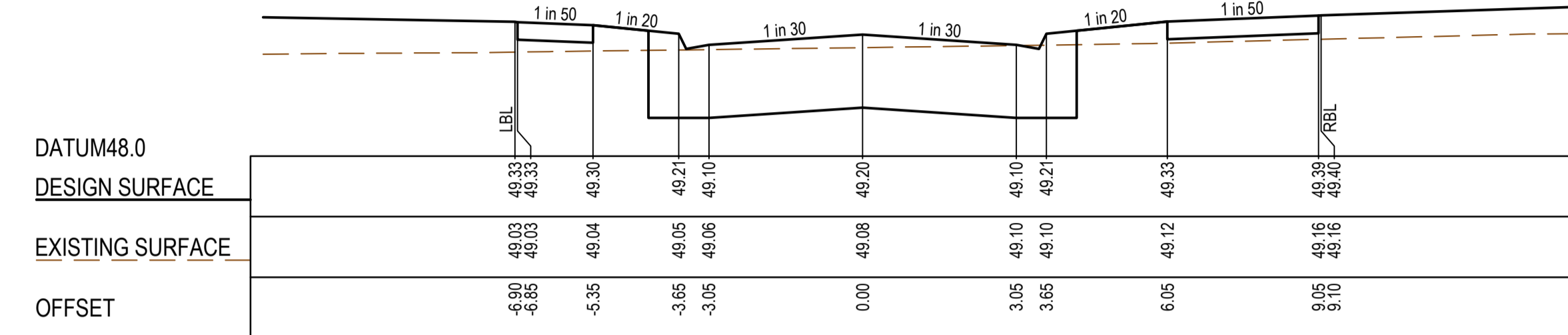
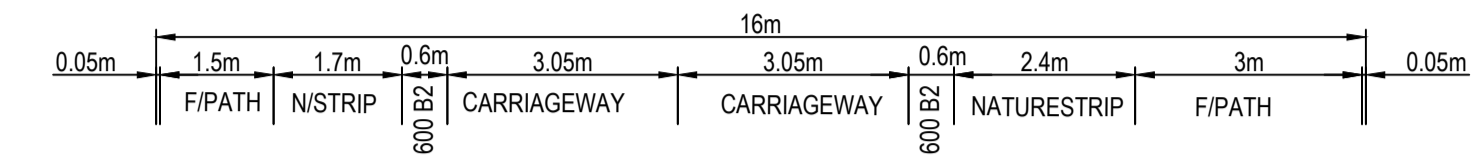
CH 34.66



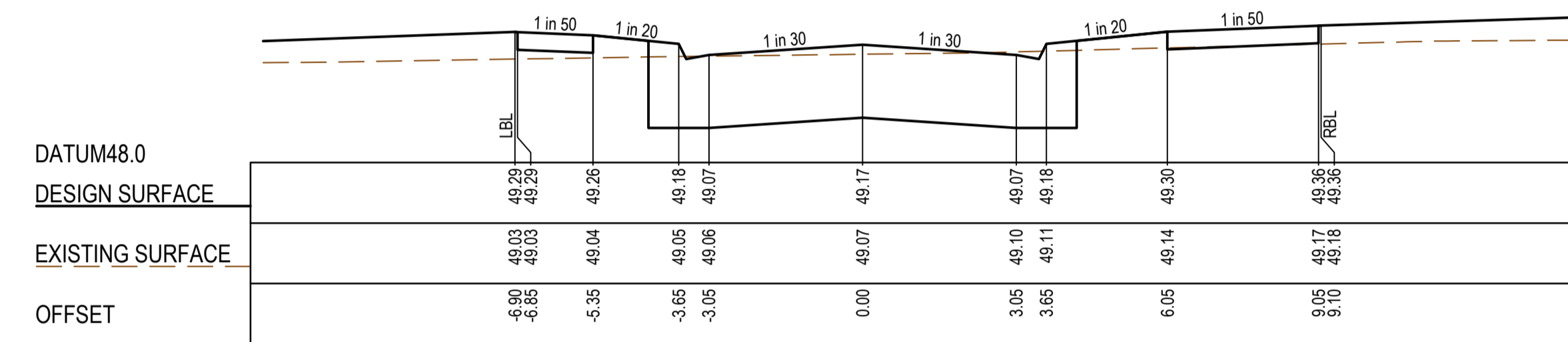
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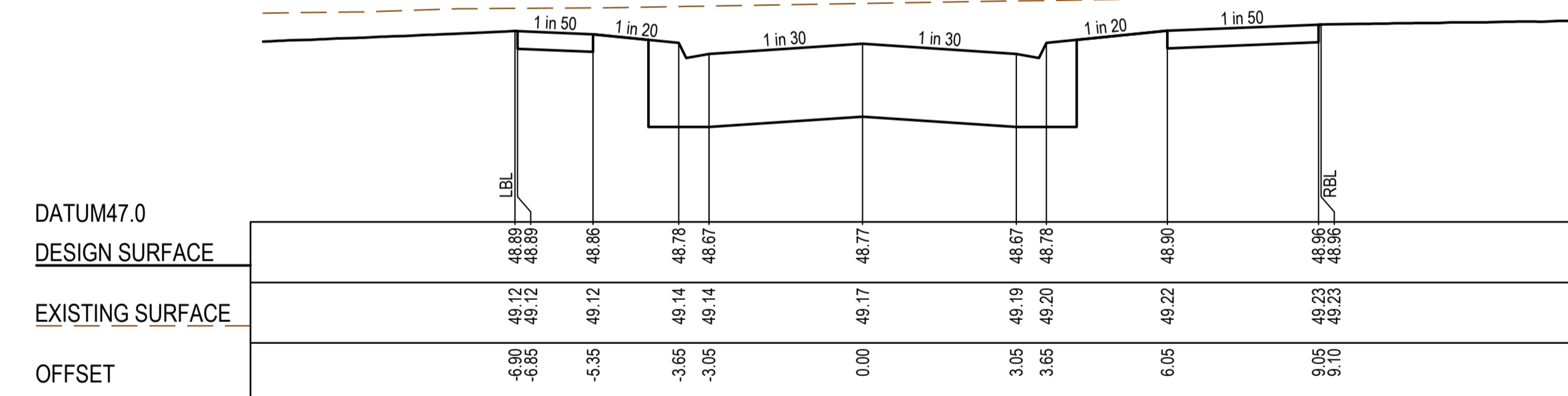
TPCH 11.80  
ULMUS STREET



CH 48.29



TPCH 41.17



TPCH 11.80  
REUNION PARADE

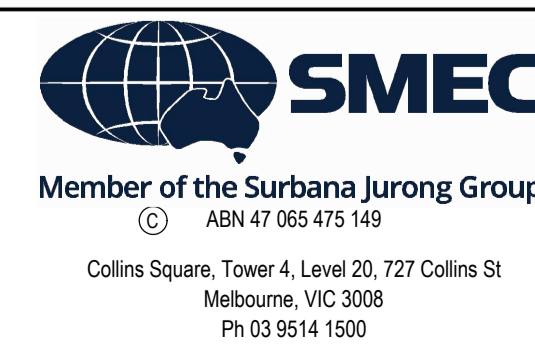
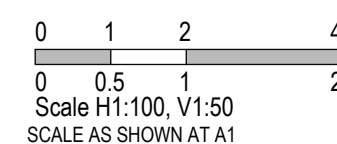
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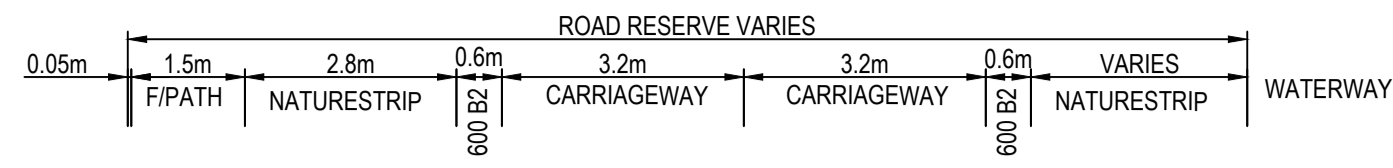
**AS CONSTRUCTED**

PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

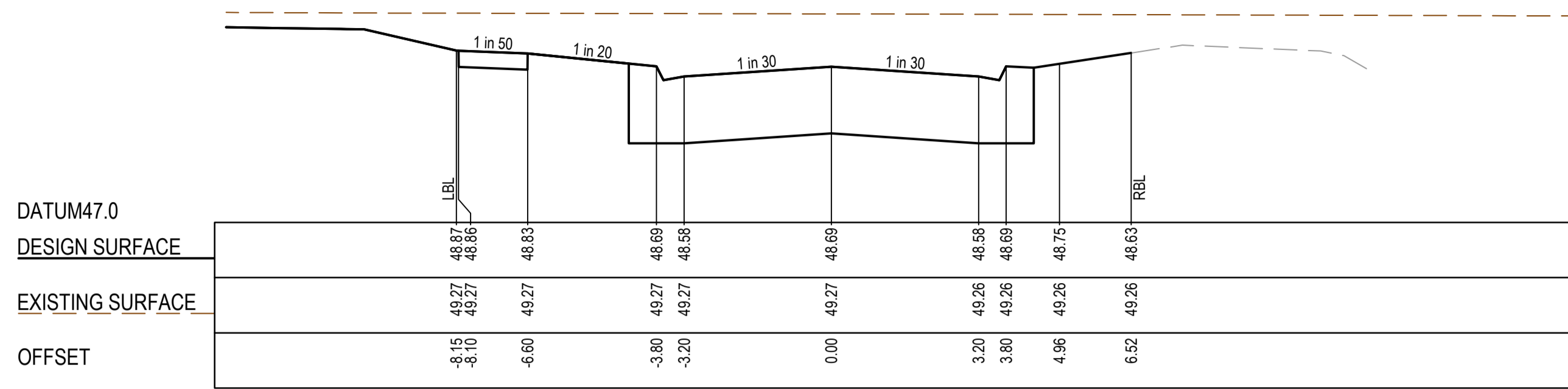


Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections: Ulmus Street Ch 11.80 - Ch 56.78  
Reunion Parade Ch 11.80 - Ch 48.29

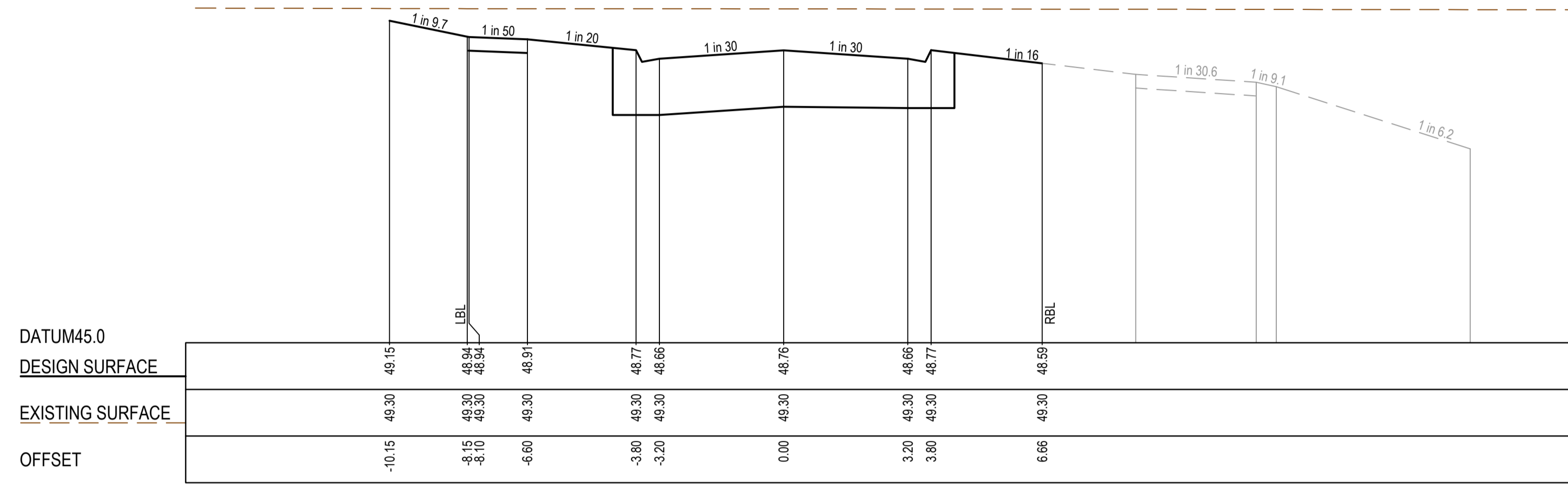
MELWAYS REF 359 F9	PROJECT/DRAWING No. 2360E-011-255	SHEET No. 15 of 28	REVISION 0
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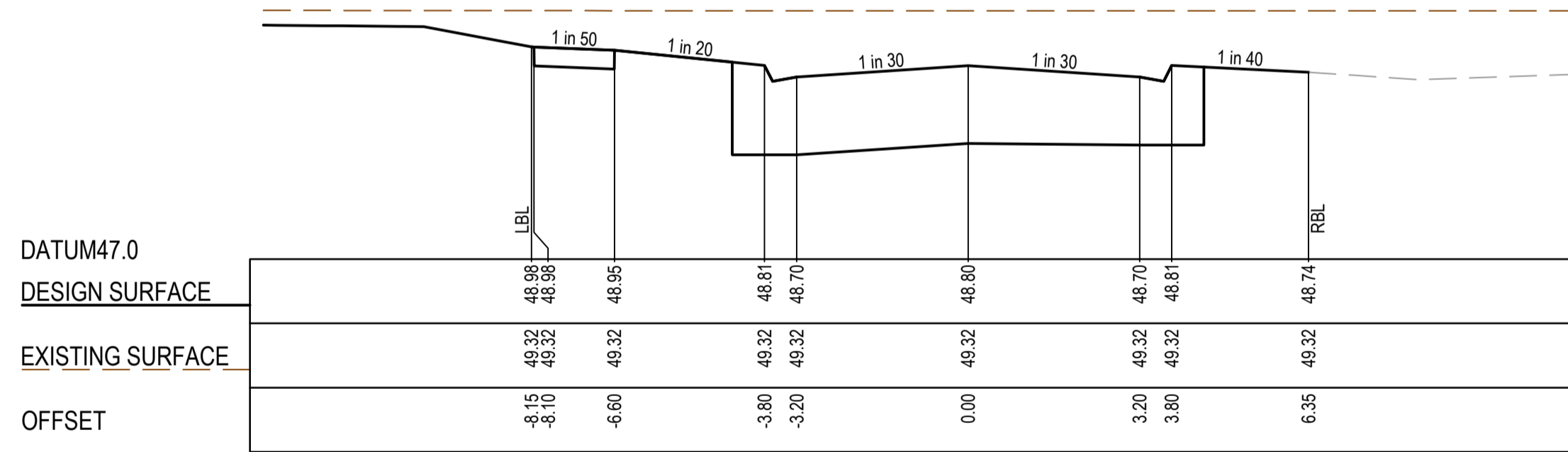
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



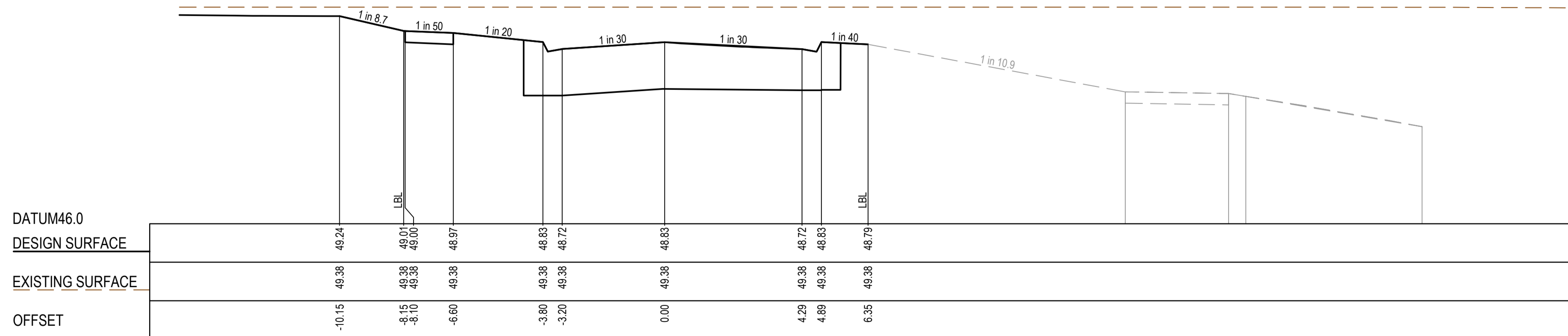
RTPCH 32.17



RTPCH 25.00



TPCH 20.85



LTPCH 11.80

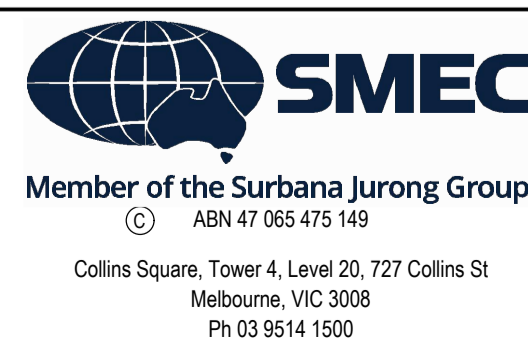
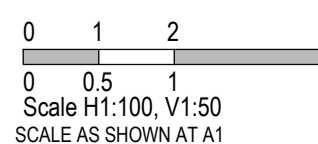
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**AS CONSTRUCTED**

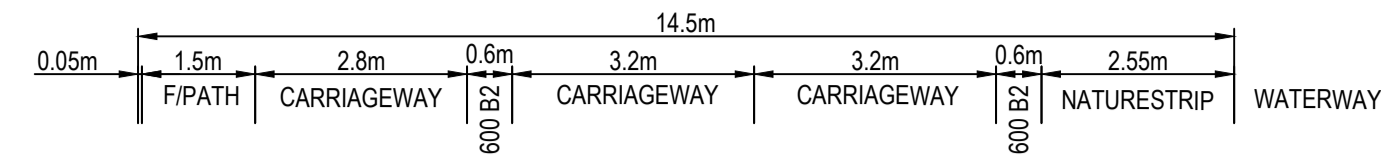
PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01



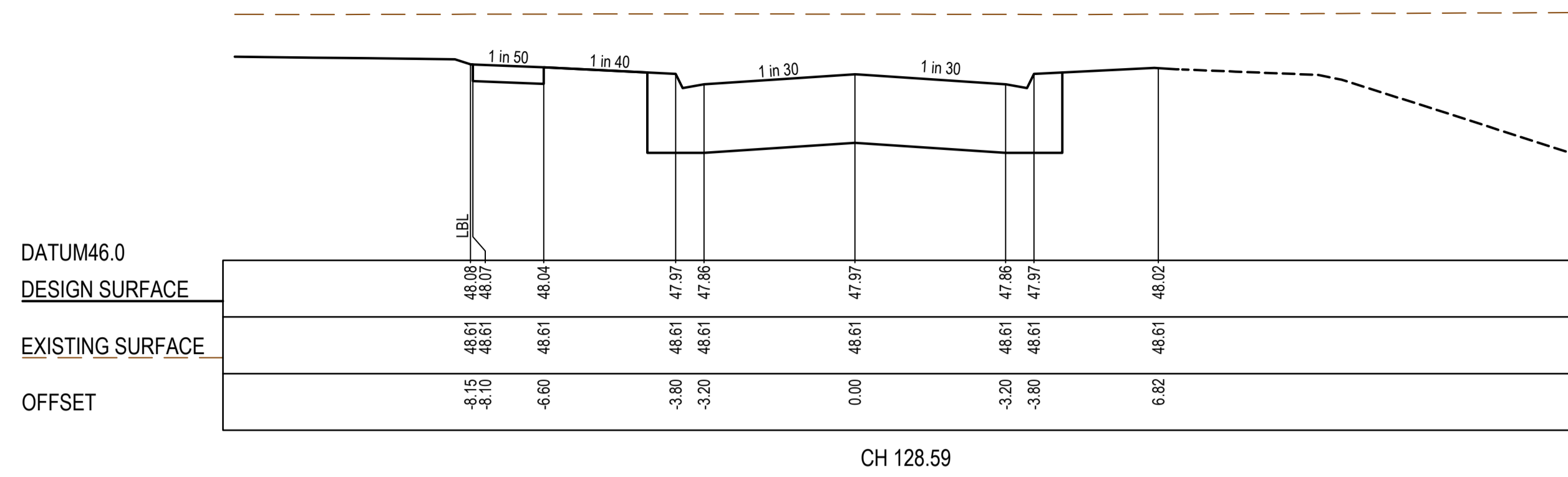
Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections  
Petunia Avenue: Ch 10.83 - Ch 32.17

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-256	SHEET No. 16 of 28	REVISION 0
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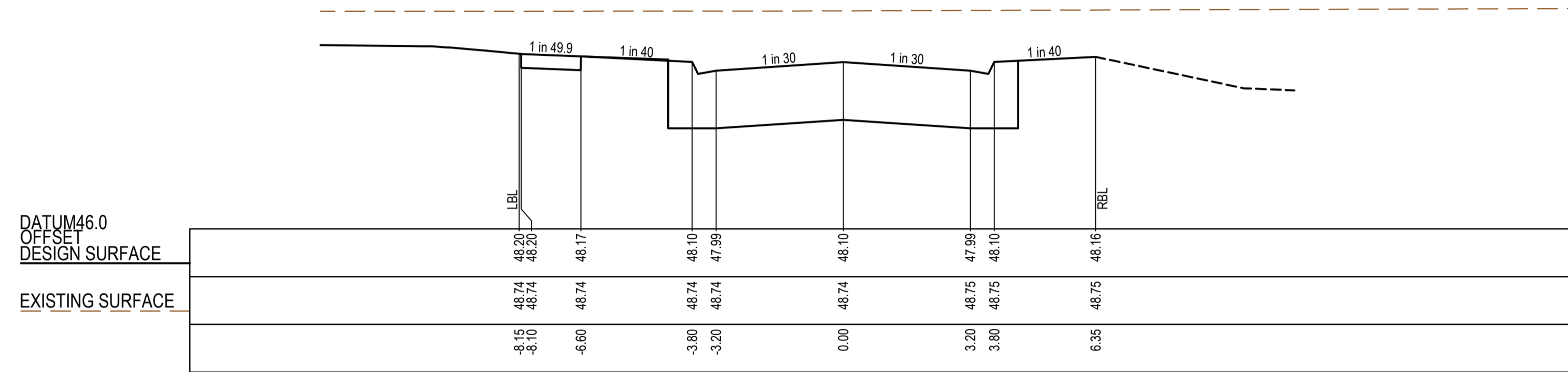




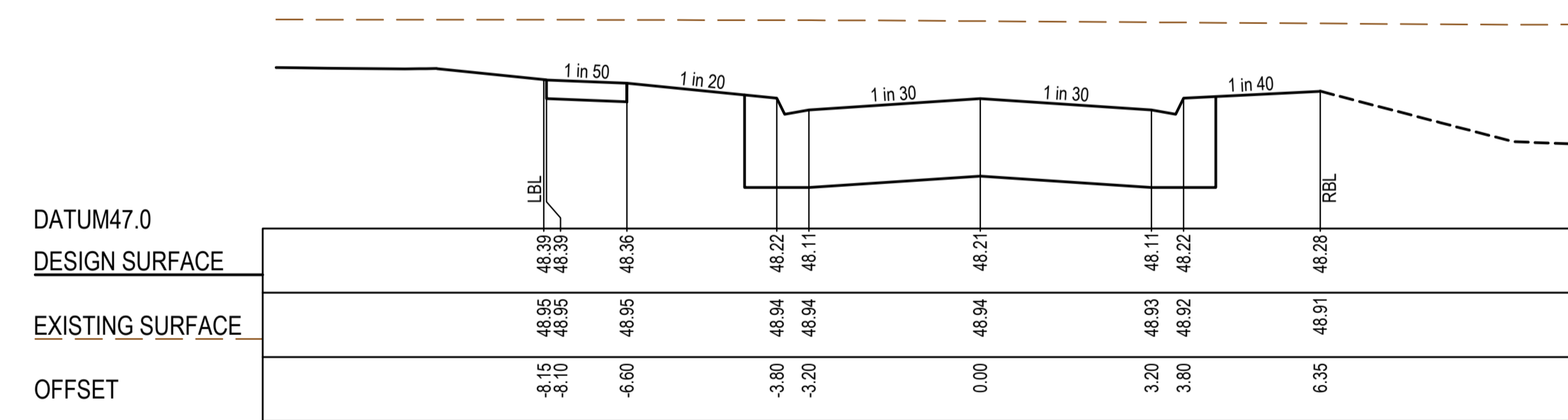
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



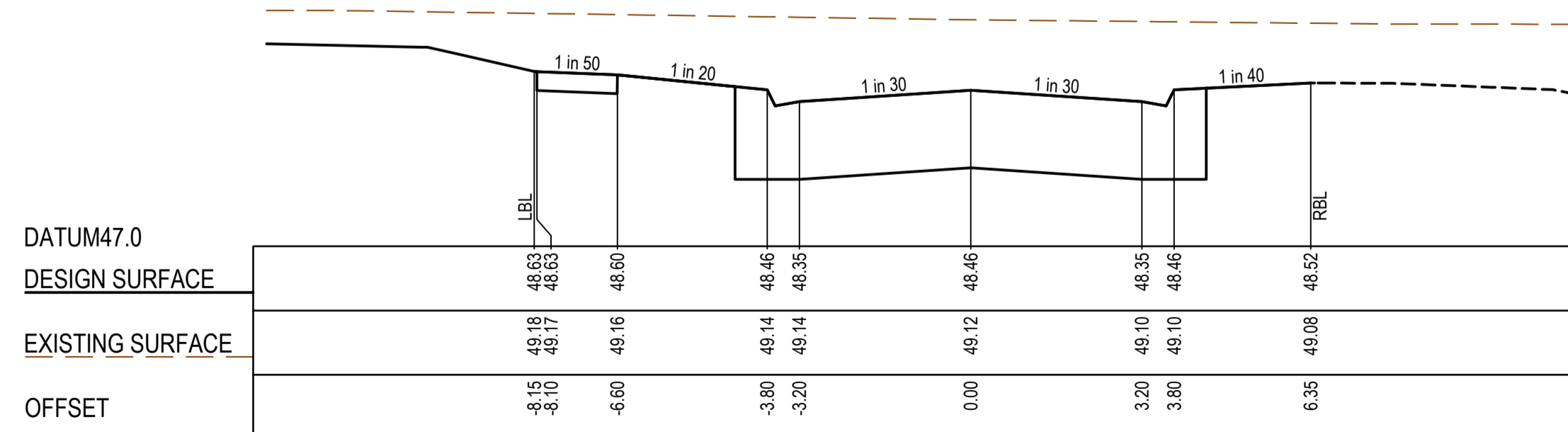
CH 128.59



LTPCH 103.51



LTPCH 79.94



RTPCH 55.55

**AS CONSTRUCTED PLANS**

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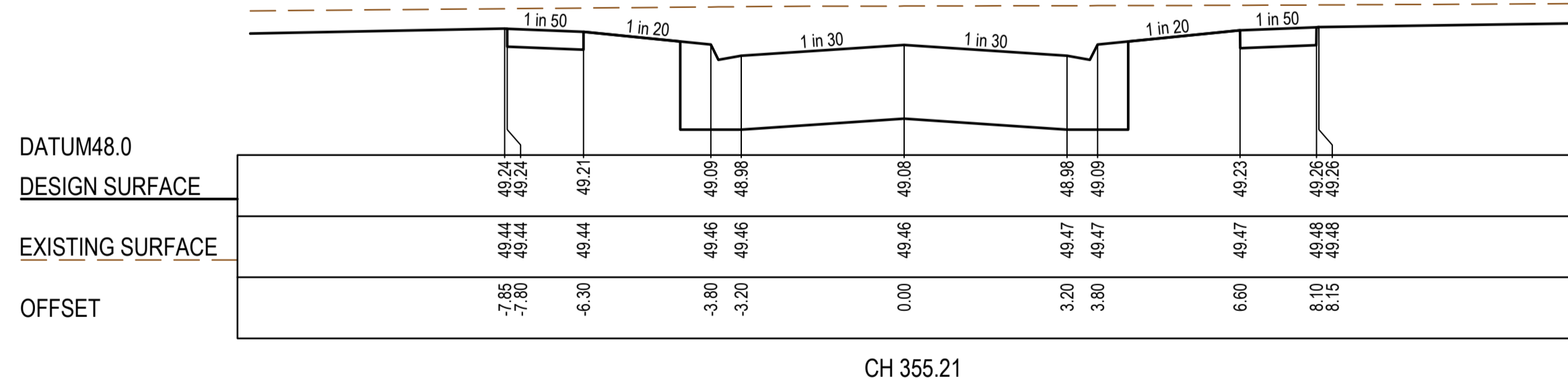
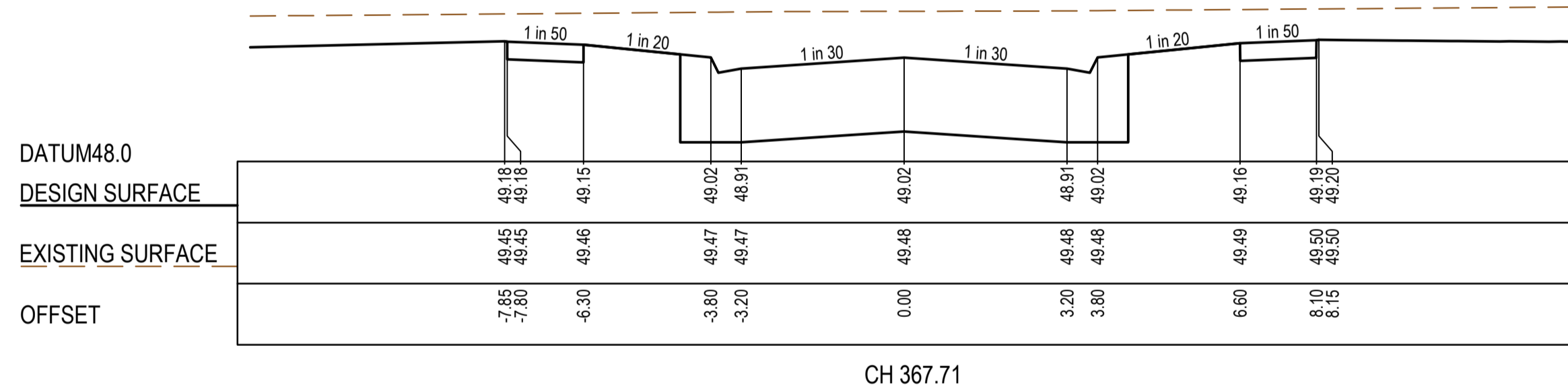
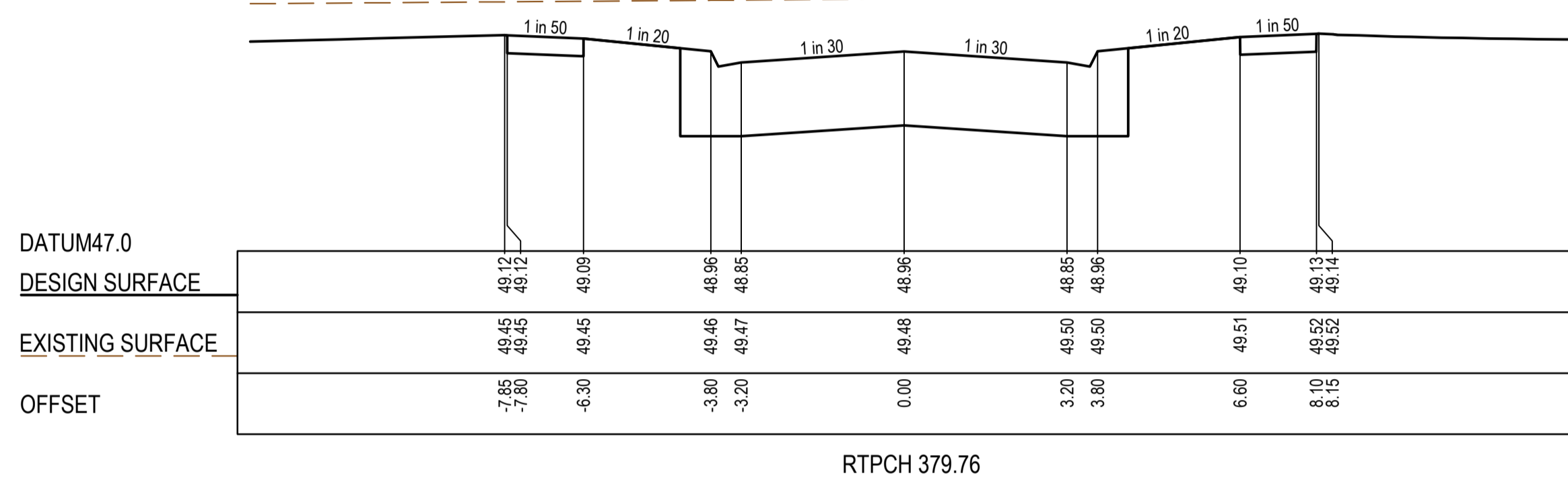
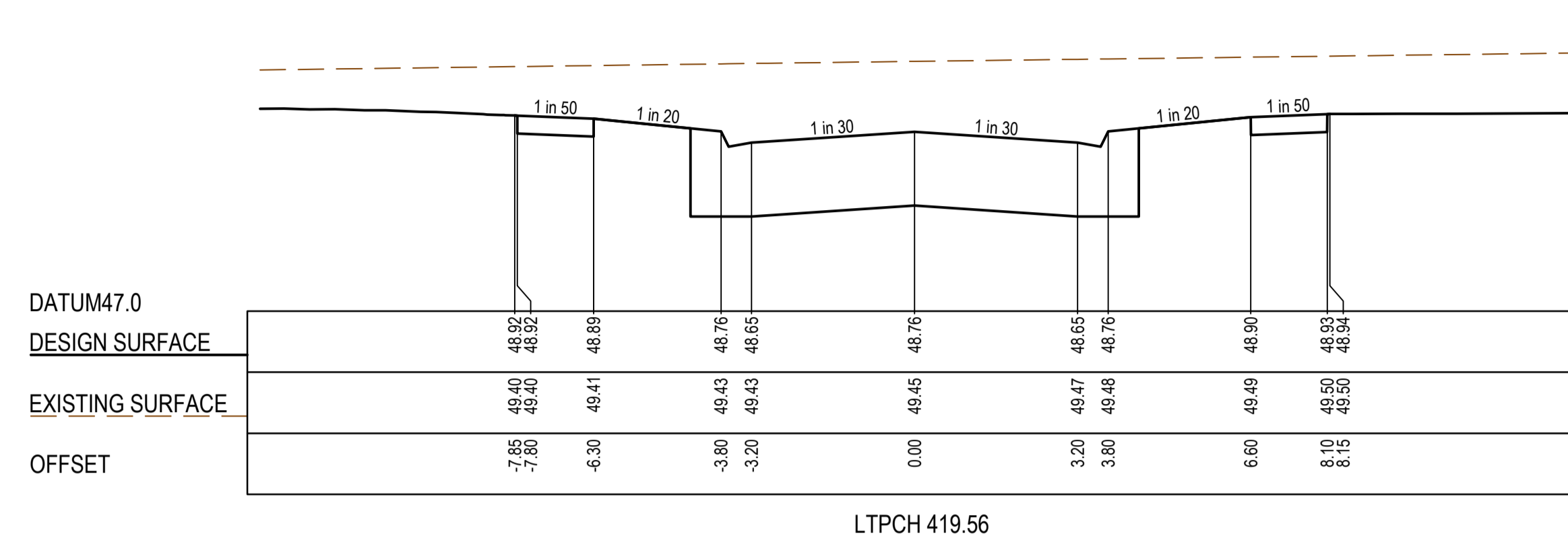
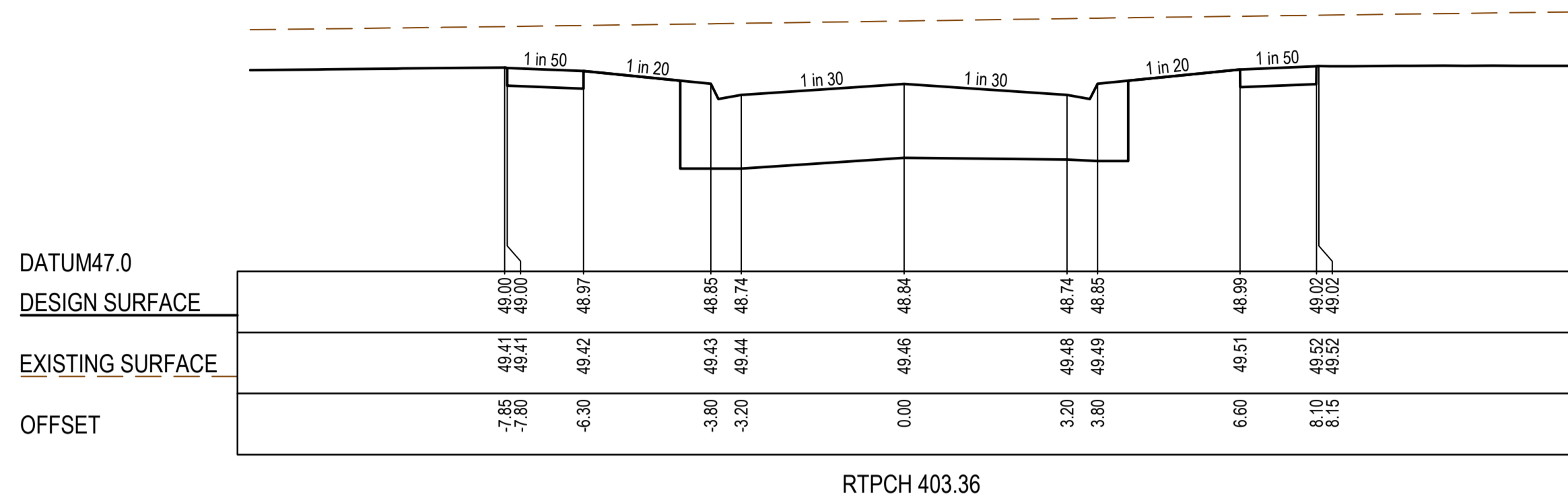
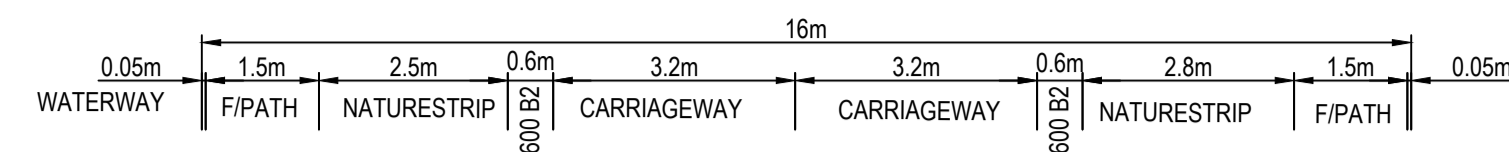
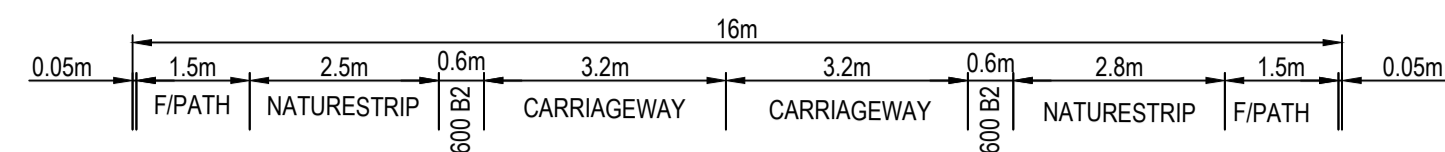


**AS CONSTRUCTED**

PLAN OF SUB. NO.	PS900883R
PERMIT REF. NO.	WYP10365/17.01

Marigold - Stage 11 Wyndham City Council Road and Drainage Cross Sections Petunia Avenue: Ch 55.55 - Ch 128.59	
MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-257
SHEET No. 17 of 28	REVISION 0

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



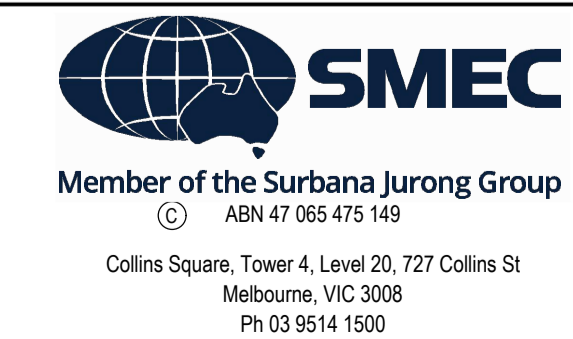
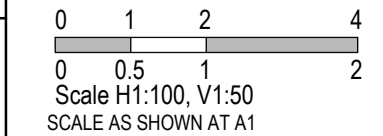
**AS CONSTRUCTED PLANS**

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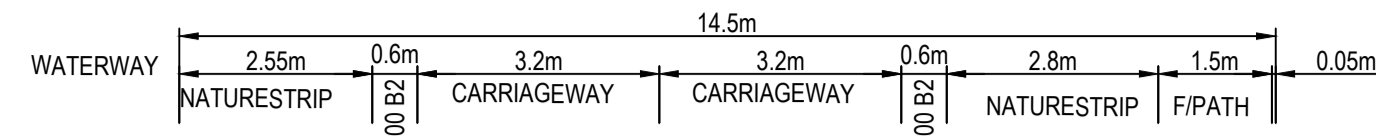
**AS CONSTRUCTED**

PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

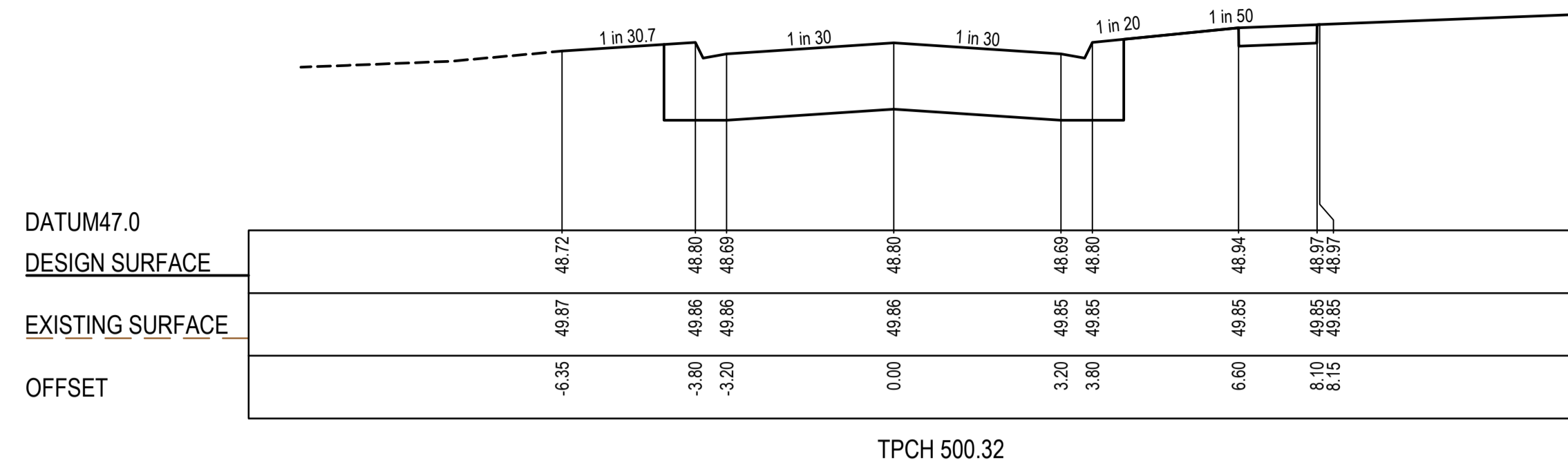


Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections  
Rambler Boulevard: Ch 355.21 - Ch 449.81

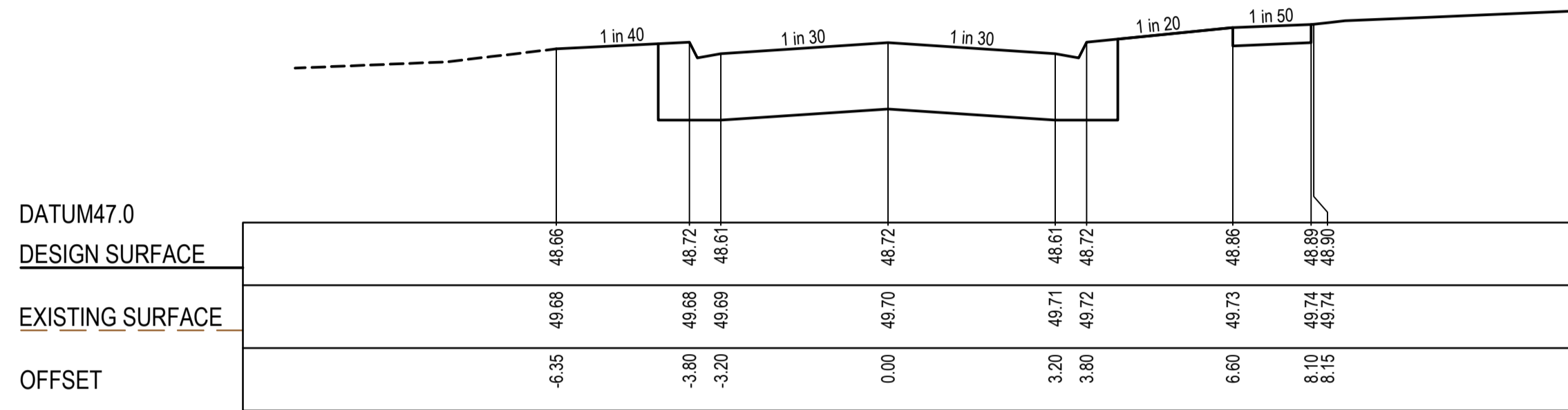
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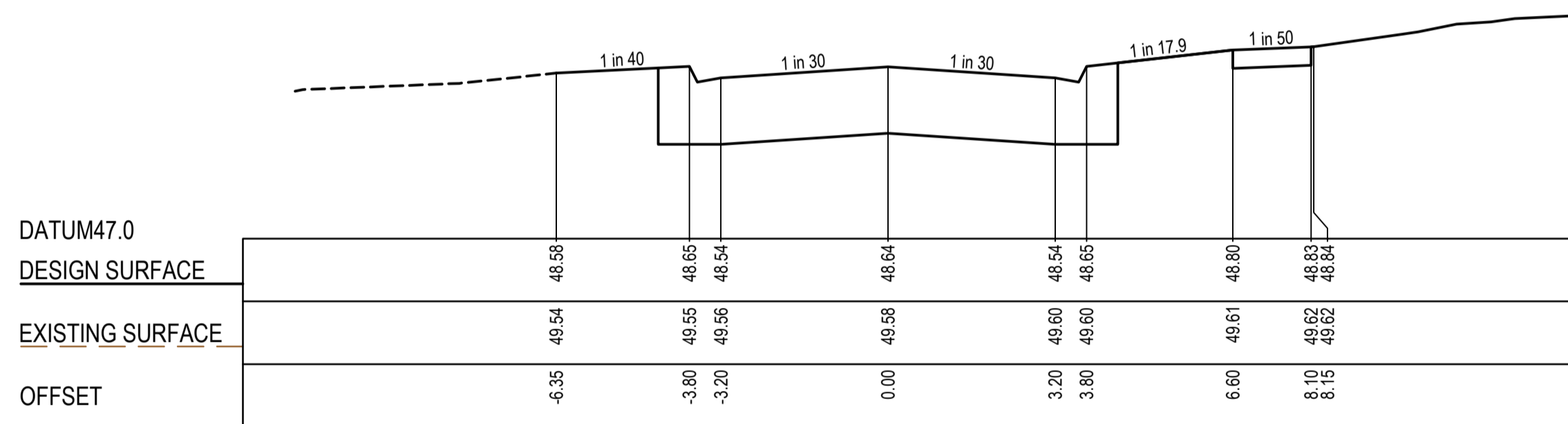
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



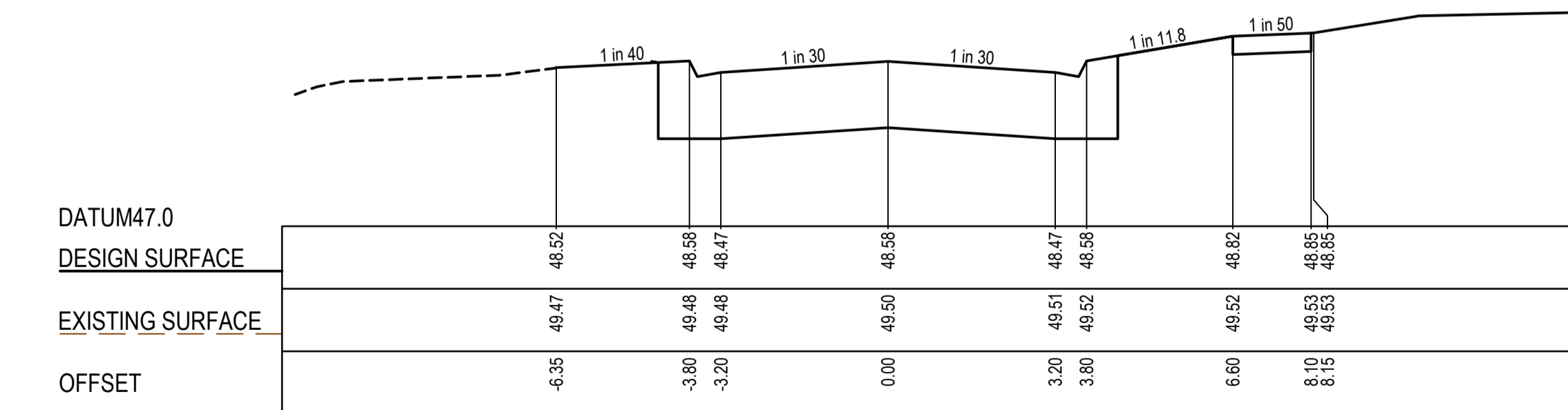
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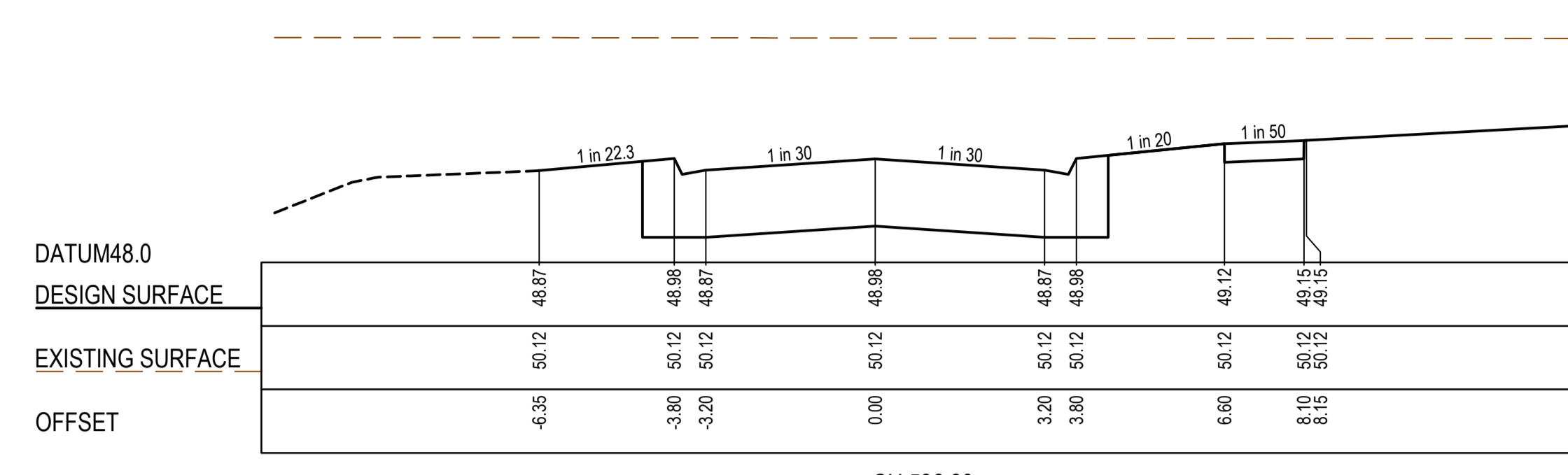
TPCH 485.29



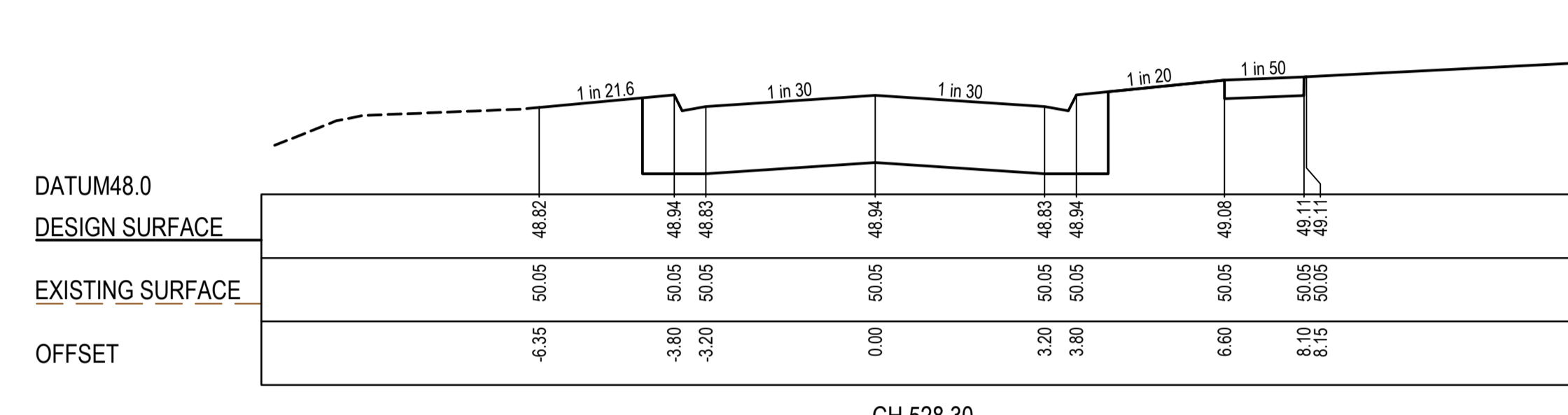
CH 469.58



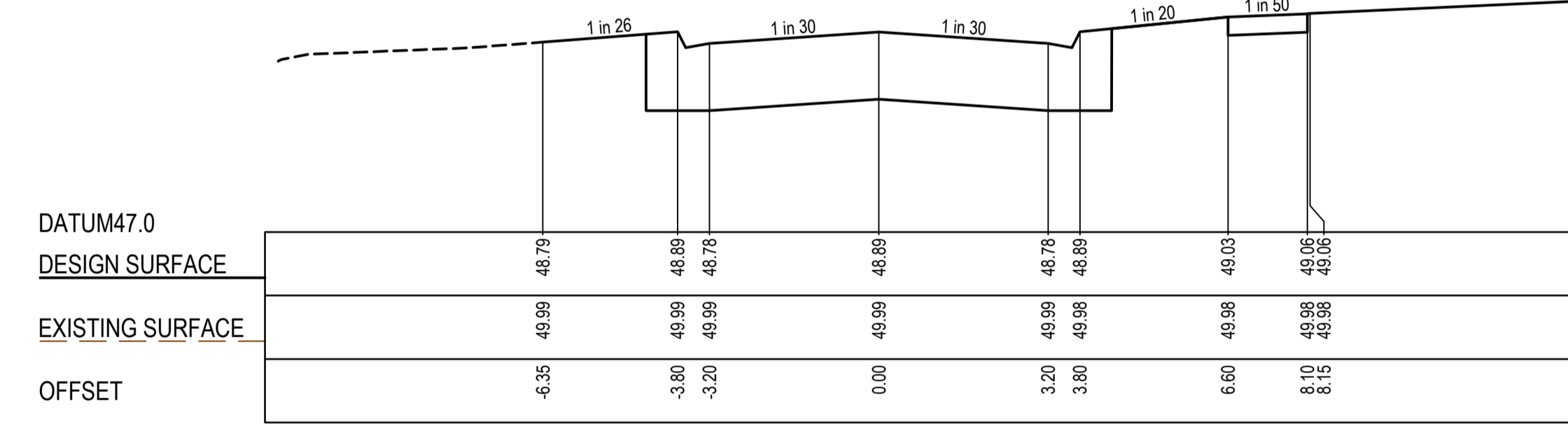
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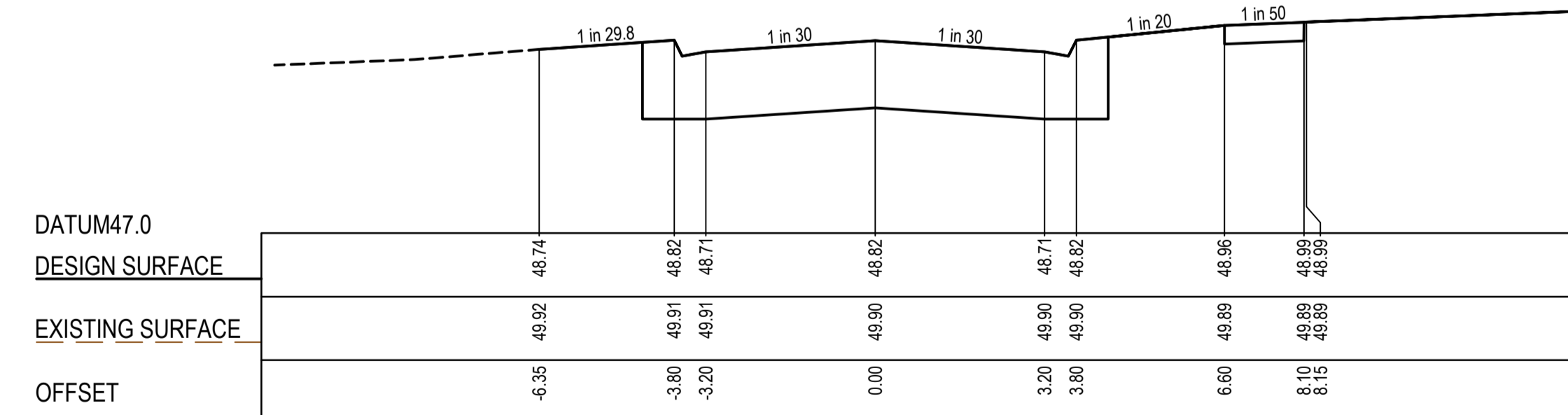
CH 536.80



CH 528.30



CH 518.80



CH 504.80

**AS CONSTRUCTED PLANS**

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**AS CONSTRUCTED**

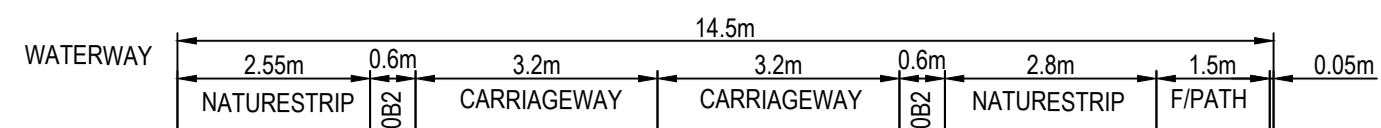
PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

Scale H:1:100, V:1:50  
SCALE AS SHOWN AT A1

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

Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections  
Rambler Boulevard: Ch 456.68 - Ch 536.80

MELWAYS REF	PROJECT / DRAWING No.	SHEET No.	REVISION
359 F9	2360E-011-259	19 of 28	0



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

DATUM48.0							
DESIGN SURFACE	49.21	49.26	49.15	49.25	49.15	49.26	49.40
EXISTING SURFACE	50.22	50.24	50.24	50.26	50.28	50.28	50.30
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 584.30

DATUM48.0							
DESIGN SURFACE	49.12	49.16	49.05	49.15	49.05	49.16	49.30
EXISTING SURFACE	50.25	50.26	50.26	50.26	50.28	50.28	50.29
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 571.80

DATUM48.0							
DESIGN SURFACE	49.05	49.11	49.00	49.11	49.00	49.11	49.25
EXISTING SURFACE	50.25	50.26	50.26	50.26	50.26	50.26	50.26
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 562.30

DATUM48.0							
DESIGN SURFACE	48.99	49.07	48.96	49.06	48.96	49.07	49.21
EXISTING SURFACE	50.23	50.23	50.23	50.23	50.23	50.23	50.23
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 553.80

DATUM48.0							
DESIGN SURFACE	48.93	49.02	48.91	49.02	48.91	49.02	49.16
EXISTING SURFACE	50.20	50.20	50.20	50.19	50.19	50.19	50.19
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 545.30

DATUM48.0							
DESIGN SURFACE	49.63	49.70	49.59	49.69	49.59	49.70	49.84
EXISTING SURFACE	50.50	50.50	50.50	50.50	50.50	50.50	50.49
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 633.30

DATUM48.0							
DESIGN SURFACE	49.56	49.62	49.51	49.62	49.51	49.62	49.76
EXISTING SURFACE	50.46	50.46	50.45	50.46	50.46	50.46	50.45
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 624.80

DATUM48.0							
DESIGN SURFACE	49.46	49.54	49.43	49.54	49.43	49.54	49.68
EXISTING SURFACE	50.41	50.41	50.41	50.41	50.42	50.42	50.42
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 616.30

DATUM48.0							
DESIGN SURFACE	49.39	49.47	49.36	49.46	49.36	49.47	49.61
EXISTING SURFACE	50.36	50.36	50.36	50.37	50.37	50.37	50.37
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 607.80

DATUM48.0							
DESIGN SURFACE	49.33	49.38	49.27	49.38	49.27	49.38	49.52
EXISTING SURFACE	50.29	50.29	50.29	50.30	50.31	50.31	50.33
OFFSET	-6.35	-3.80	-3.20	0.00	3.20	3.80	6.60

CH 598.30

[Boxes/Centreline labels]->[Common parameters]->[Text placement]->[Text]

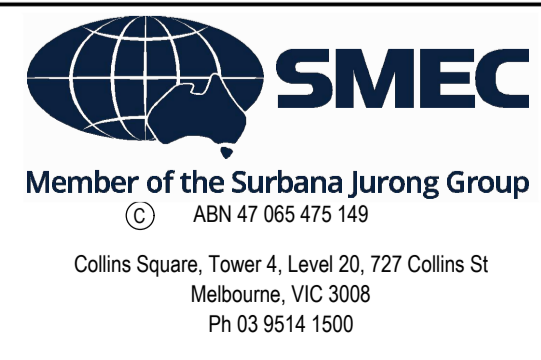
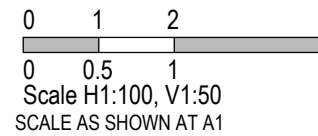
**AS CONSTRUCTED PLANS**

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PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

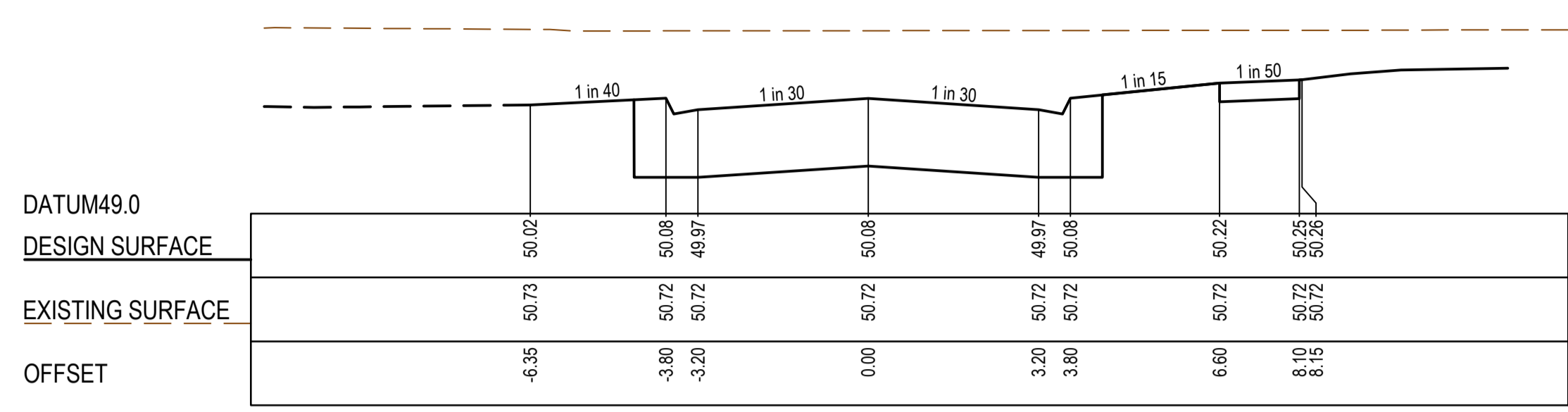
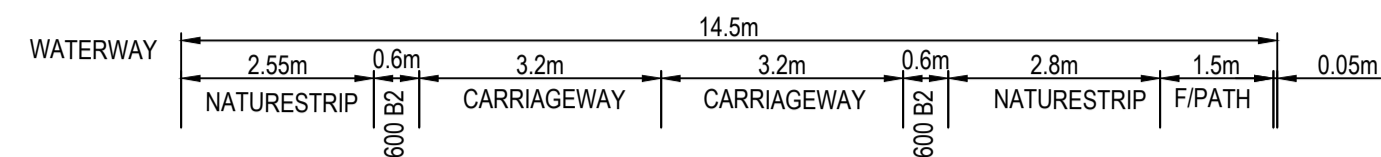
**AS CONSTRUCTED**



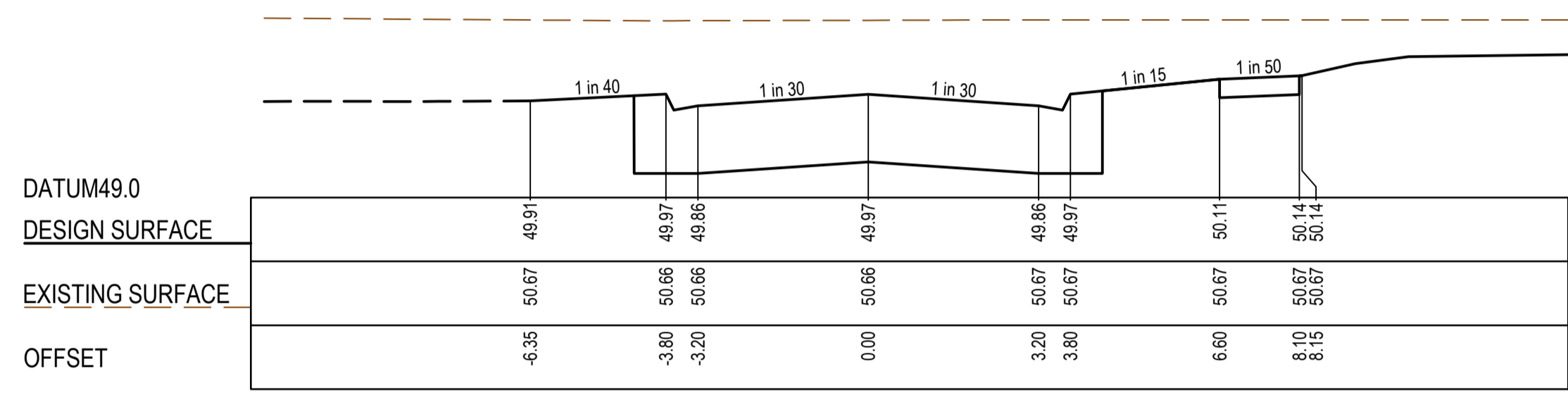
Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections  
Rambler Boulevard: Ch 545.30 - Ch 633.30

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-260	SHEET No. 20 of 28	REVISION 0
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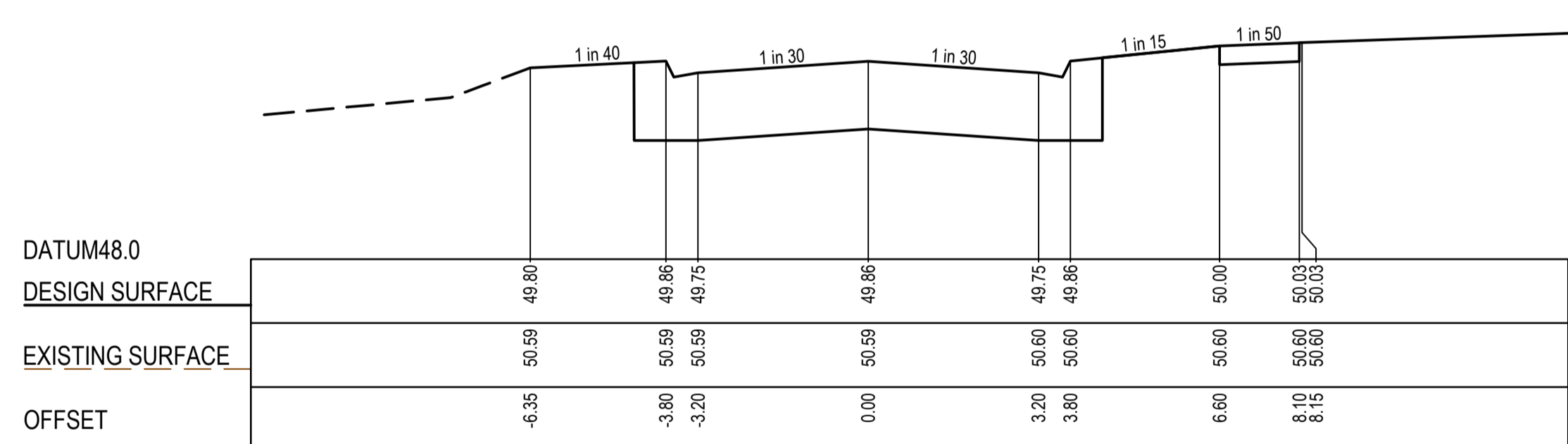
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



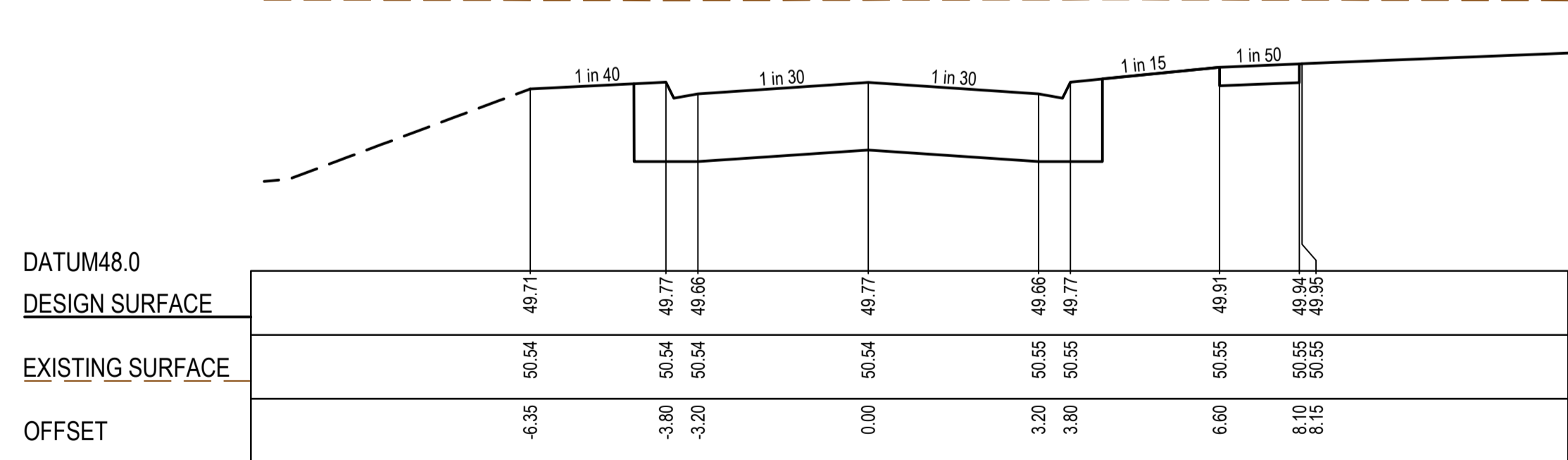
CH 676.42



CH 663.80



CH 651.30



CH 641.80

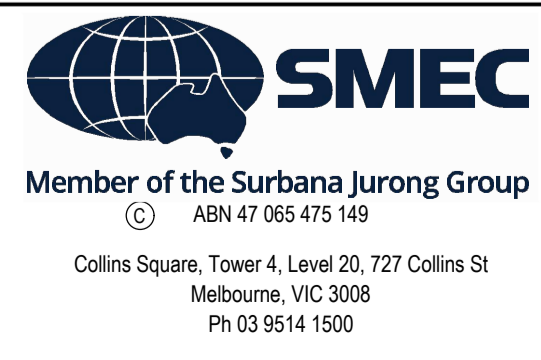
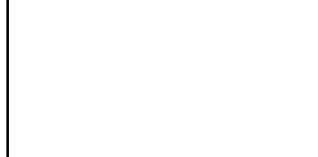
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**AS CONSTRUCTED**

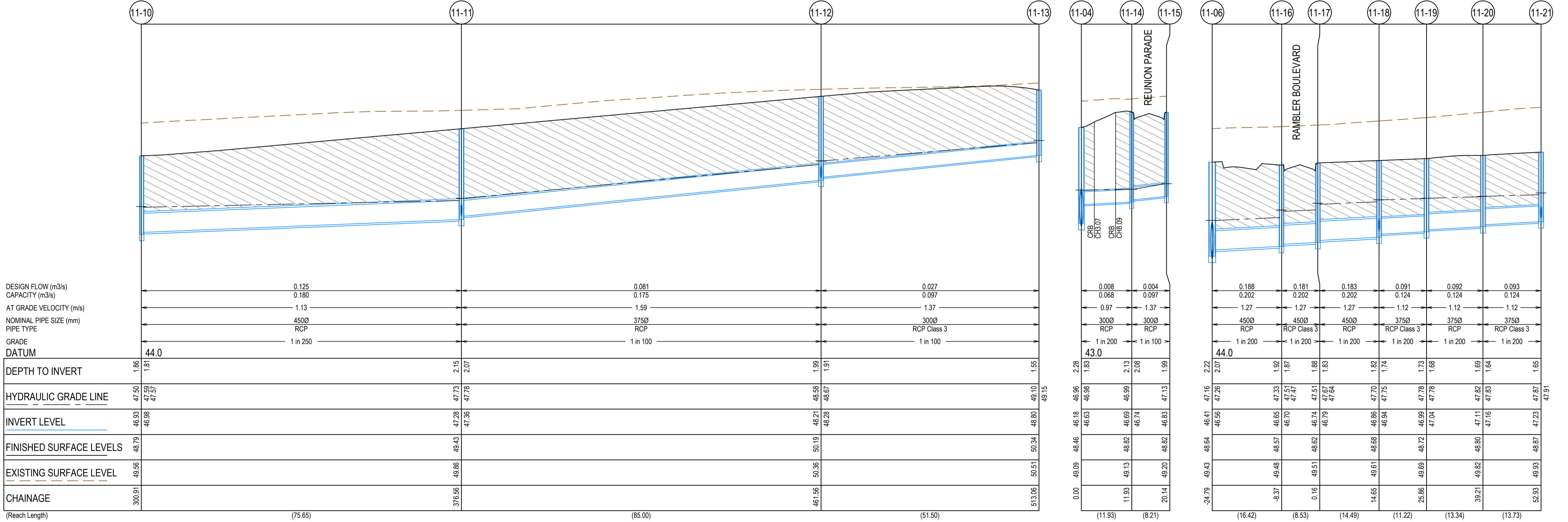
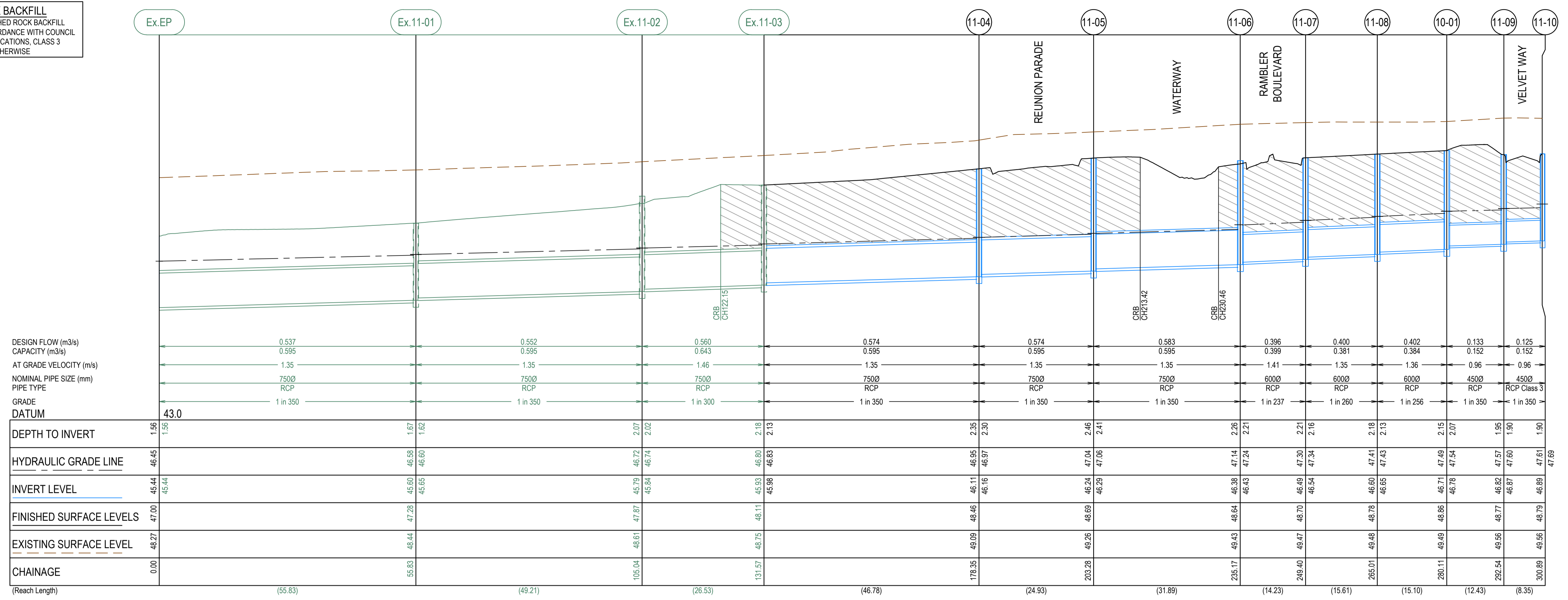
PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01



Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Cross Sections  
Rambler Boulevard: Ch 641.80 - Ch 676.42

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-261	SHEET No. 21 of 28	REVISION 0
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**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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Quality Management ISO 9001  
 OHS Management AS/NZS 4801  
 Environmental Management ISO 14001

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**AS CONSTRUCTED**

PLAN OF SUB. NO.  
 PS900883R  
 PERMIT REF. NO.  
 WYP10365/17.01

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

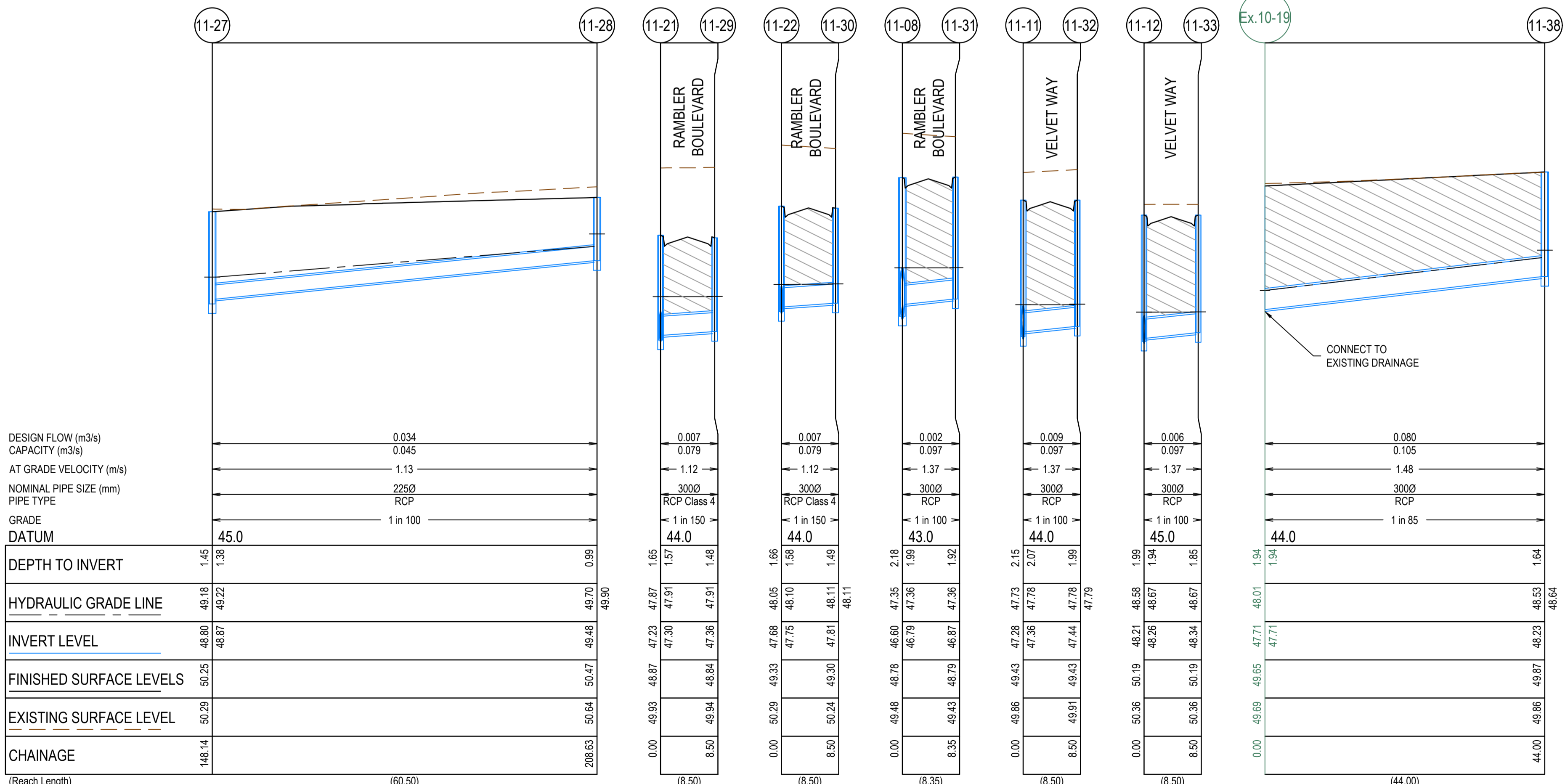
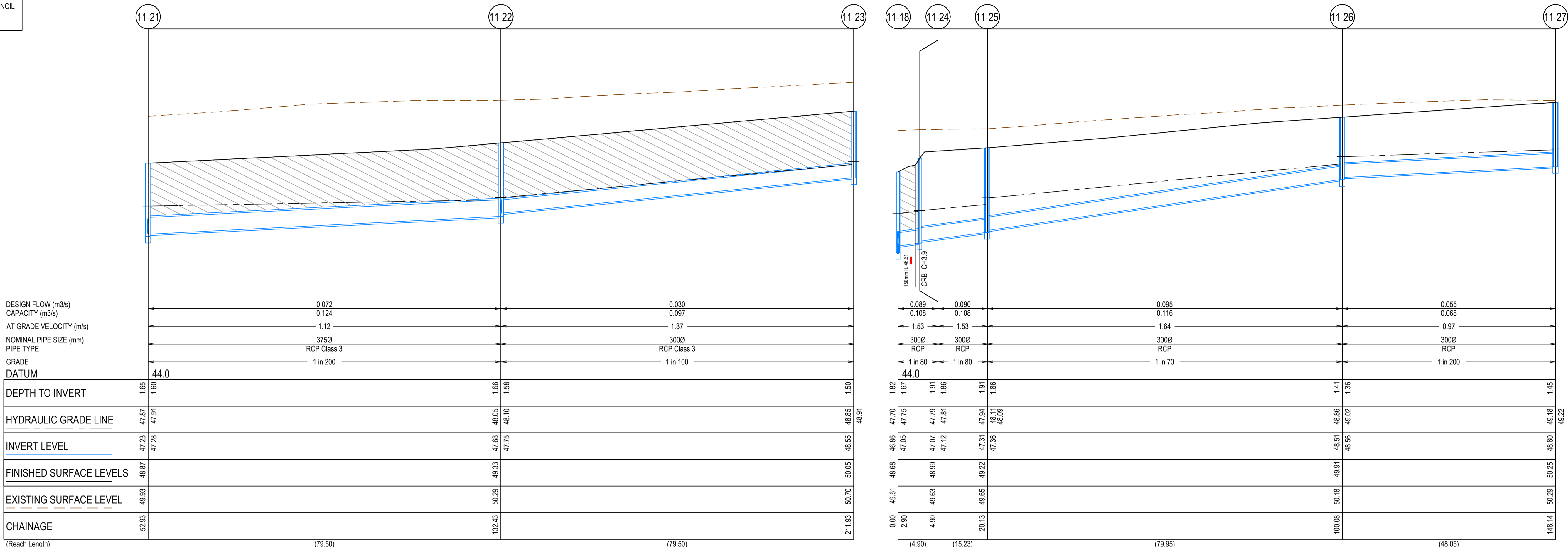
**SMEC**  
 Member of the Surlana Jurong Group  
 ABN 47 065 475 149  
 Collins Square, Tower 4, Level 20, 727 Collins St  
 Melbourne, VIC 3008  
 Ph 03 9514 1500

**GROWLAND**

Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Drainage Longitudinal Sections - 1

MELWAYS REF: 359 F9  
 PROJECT / DRAWING No: 2360E-011-301  
 SHEET No: 22 of 28  
 REVISION: 1

**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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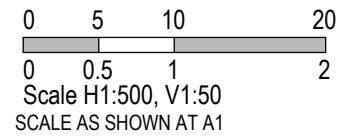
OH&S Management AS/NZS 1880  
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PLAN OF SUB. NO.  
PS900883R

PERMIT REF. NO.  
WYP10365/17.01

**AS CONSTRUCTED**



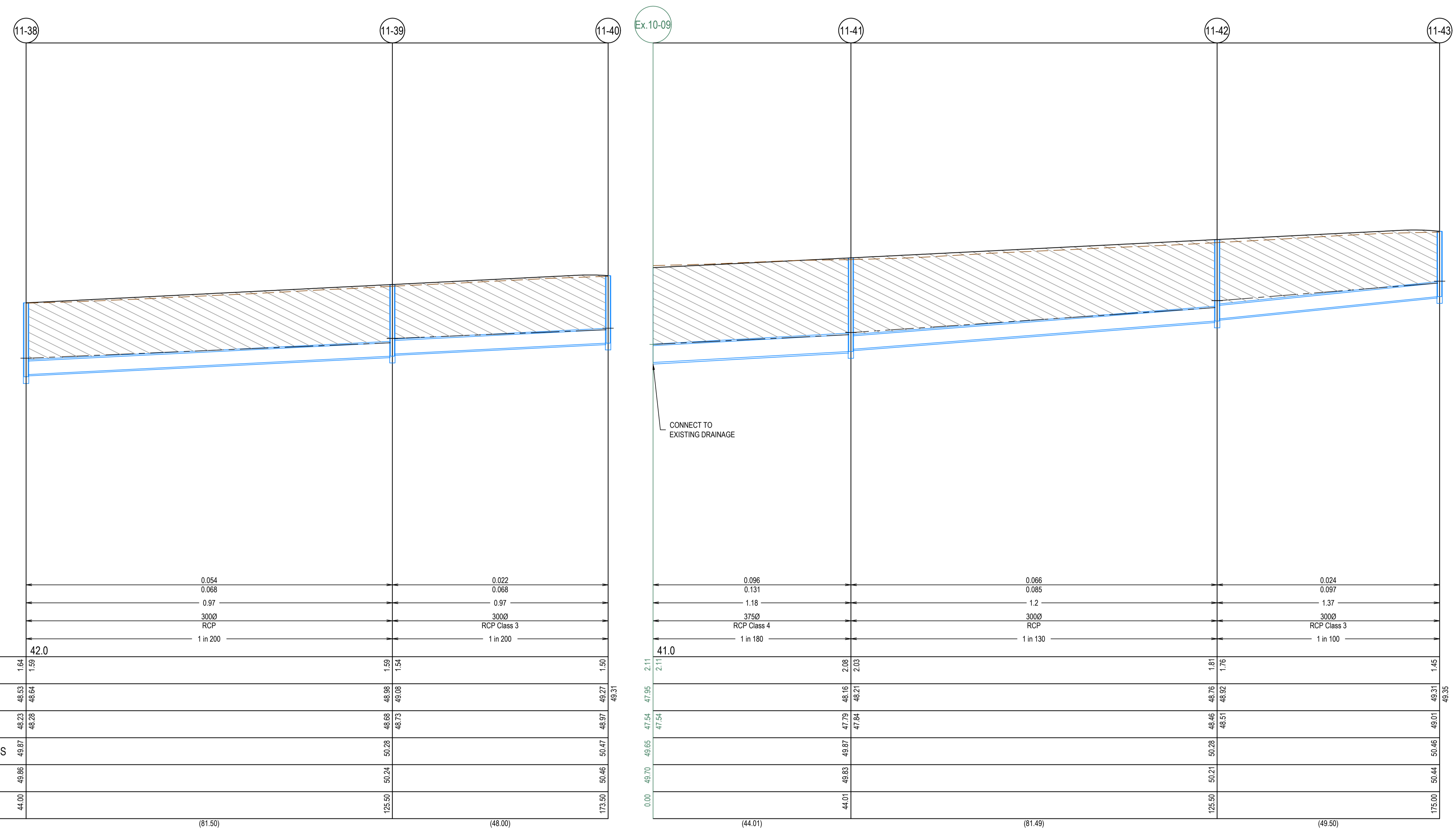
**SMEC**  
 Member of the Surlana Jurong Group  
 ABN 47 065 475 149  
 Collins Square, Tower 4, Level 4, 727 Collins St  
 Melbourne, VIC 3008  
 Ph 03 9514 1500

**GROWLAND**

Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Drainage Longitudinal Sections - 2

MELWAYS REF <b>359 F9</b>	PROJECT / DRAWING No. <b>2360E-011-302</b>	SHEET No. <b>23 of 28</b>	REVISION <b>0</b>
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**CRUSHED ROCK BACKFILL**  
 CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH COUNCIL STANDARDS & SPECIFICATIONS, CLASS 3 UNLESS SPECIFIED OTHERWISE



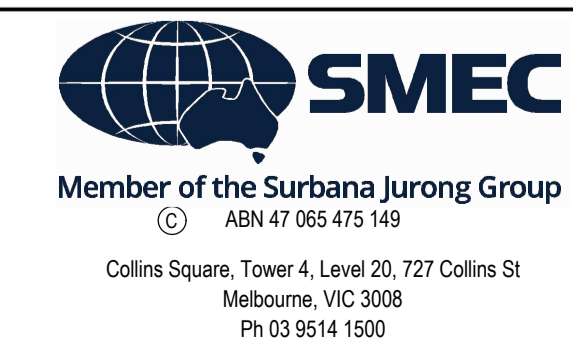
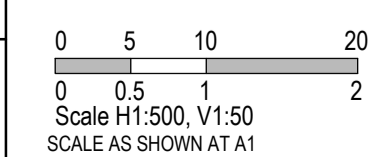
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PLAN OF SUB. NO.  
PS900883R  
 PERMIT REF. NO.  
WYP10365/17.01

**AS CONSTRUCTED**



Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Drainage Longitudinal Sections - 3

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-303	SHEET No. 24 of 28	REVISION 0
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**DRAINAGE PIT NOTES:**  
 ALL PITS WITH A WIDTH (W) GREATER THAN 600 TO BE HAUNCHED WITH A 600x900 RISER AND THE CHAMBER LOCATED BENEATH THE KERB WHERE APPLICABLE.

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

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)				
Ex.EP	ENDPIPE			750	45.44	750	45.44	47.00	1.56		
Ex.11-01	JUNCTION PIT	1050	900	750	45.65	750	45.60	47.28	1.68	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
Ex.11-02	JUNCTION PIT	1200	900	750	45.84	750	45.79	47.71	1.91	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
Ex.11-03	SIDE ENTRY PIT	1050	900	750	45.98	750	45.93	48.11	2.18	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-04	SIDE ENTRY PIT	1050	900	750	46.17	750	46.12	48.46	2.35	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-05	SIDE ENTRY PIT	1050	900	750	46.29	750	46.24	48.70	2.46	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-06	JUNCTION PIT	1050	900	600	46.43	750	46.38	48.57	2.19	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-07	JUNCTION PIT	1200	900	600	46.54	600	46.49	48.70	2.19	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-08	JUNCTION PIT	900	900	600	46.65	600	46.60	48.78	2.18	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-09	DOUBLE SIDE ENTRY PIT	900	900	450	46.87	450	46.82	48.77	1.96	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-10	DOUBLE SIDE ENTRY PIT	600	900	450	46.94	450	46.89	48.79	1.90	EDCM 601	PROVIDE PIT DEFLECTOR
11-11	SIDE ENTRY PIT	600	900	375	47.32	450	47.25	49.43	2.18	EDCM 601	
11-12	SIDE ENTRY PIT	600	900	300	48.25	375	48.17	50.19	2.02	EDCM 601	
11-13	JUNCTION PIT	600	900	300	48.26	300	48.26	50.34	1.58	EDCM 601	
11-14	SIDE ENTRY PIT	600	900	300	46.67	300	46.62	48.82	2.19	EDCM 601	
11-15	SIDE ENTRY PIT	600	900	300	46.76	300	46.76	48.81	2.06	EDCM 601	
11-16	DOUBLE SIDE ENTRY PIT	750	900	450	46.66	450	46.61	48.55	1.94	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS. PROVIDE PIT DEFLECTOR
11-17	DOUBLE SIDE ENTRY PIT	750	900	450	46.75	450	46.70	48.62	1.92	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS. PROVIDE PIT DEFLECTOR
11-18	SIDE ENTRY PIT	600	900	375	46.90	450	46.82	48.68	1.85	EDCM 601	
11-19	JUNCTION PIT	900	900	375	47.01	375	46.96	48.73	1.77	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-20	JUNCTION PIT	900	900	375	47.12	375	47.07	48.80	1.73	EDCM 601	PIT TO BE HAUNCHED. 600x900 RISER BEHIND KERB. CHAMBER UNDER KERB. REFER TO SHEET 421 - GENERAL DETAILS FOR PIT DETAILS
11-21	SIDE ENTRY PIT	600	900	375	47.24	375	47.19	48.88	1.69	EDCM 601	
11-22	SIDE ENTRY PIT	600	900	300	47.27	375	47.27	49.34	1.70	EDCM 601	
11-23	JUNCTION PIT	600	900	300	47.71	300	47.71	50.06	1.55	EDCM 601	
11-24	JUNCTION PIT	600	900	300	47.09	300	47.04	48.98	1.95	EDCM 601	CONSTRUCT PIT COVER WITH 1 IN 10 SLOPE TOWARDS THE FOOTPATH
11-25	JUNCTION PIT	600	900	300	47.33	300	47.28	49.22	1.94	EDCM 601	
11-26	JUNCTION PIT	600	900	300	48.52	300	48.47	49.91	1.45	EDCM 601	
11-27	JUNCTION PIT	600	900	225	48.83	300	48.76	50.25	1.49	EDCM 601	
11-28	JUNCTION PIT	600	900	225	49.44	225	49.44	50.47	1.03	EDCM 601	
11-29	SIDE ENTRY PIT	600	900	300	47.32	300	47.32	48.84	1.51	EDCM 601	
11-30	SIDE ENTRY PIT	600	900	300	47.77	300	47.77	49.30	1.53	EDCM 601	
11-31	SIDE ENTRY PIT	600	900	300	46.83	300	46.83	48.79	1.96	EDCM 601	
11-32	SIDE ENTRY PIT	600	900	300	47.41	300	47.41	49.43	2.02	EDCM 601	
11-33	SIDE ENTRY PIT	600	900	300	48.34	300	48.34	50.19	1.85	EDCM 601	
11-38	SIDE ENTRY PIT	600	900	300	48.28	300	48.23	49.87	1.65	EDCM 601	
11-39	SIDE ENTRY PIT	600	900	300	48.73	300	48.68	50.28	1.60	EDCM 601	
11-40	JUNCTION PIT	600	900	300	48.97	300	48.97	50.47	1.50	EDCM 601	
11-41	SIDE ENTRY PIT	600	900	300	47.84	375	47.79	49.87	2.08	EDCM 601	
11-42	SIDE ENTRY PIT	600	900	300	48.51	300	48.46	50.28	1.81	EDCM 601	
11-43	JUNCTION PIT	600	900	300	49.01	300	49.01	50.46	1.45	EDCM 601	

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PLAN OF SUB. NO. PS90083R  
 PERMIT REF. NO. WYP10365/17.01

**AS CONSTRUCTED**

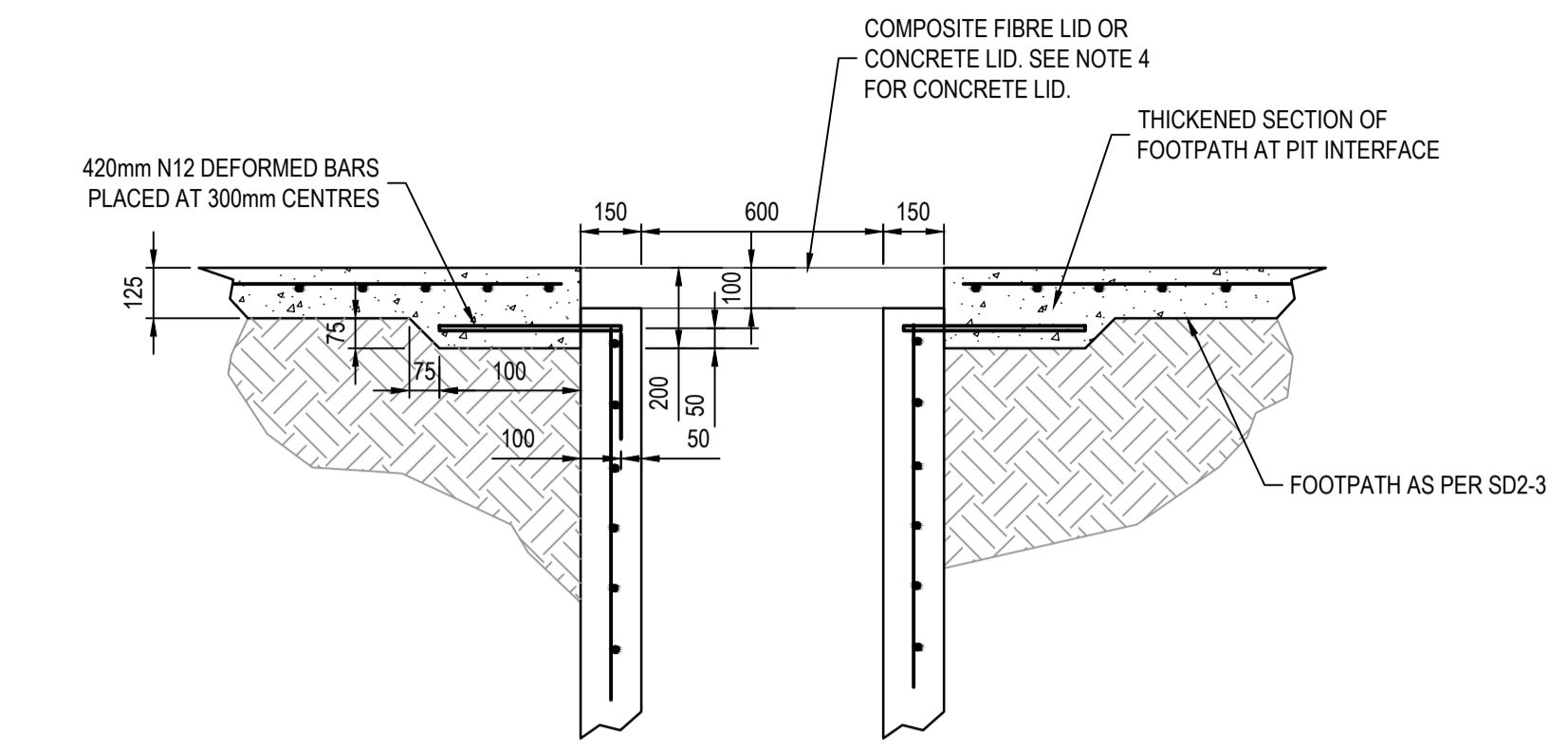
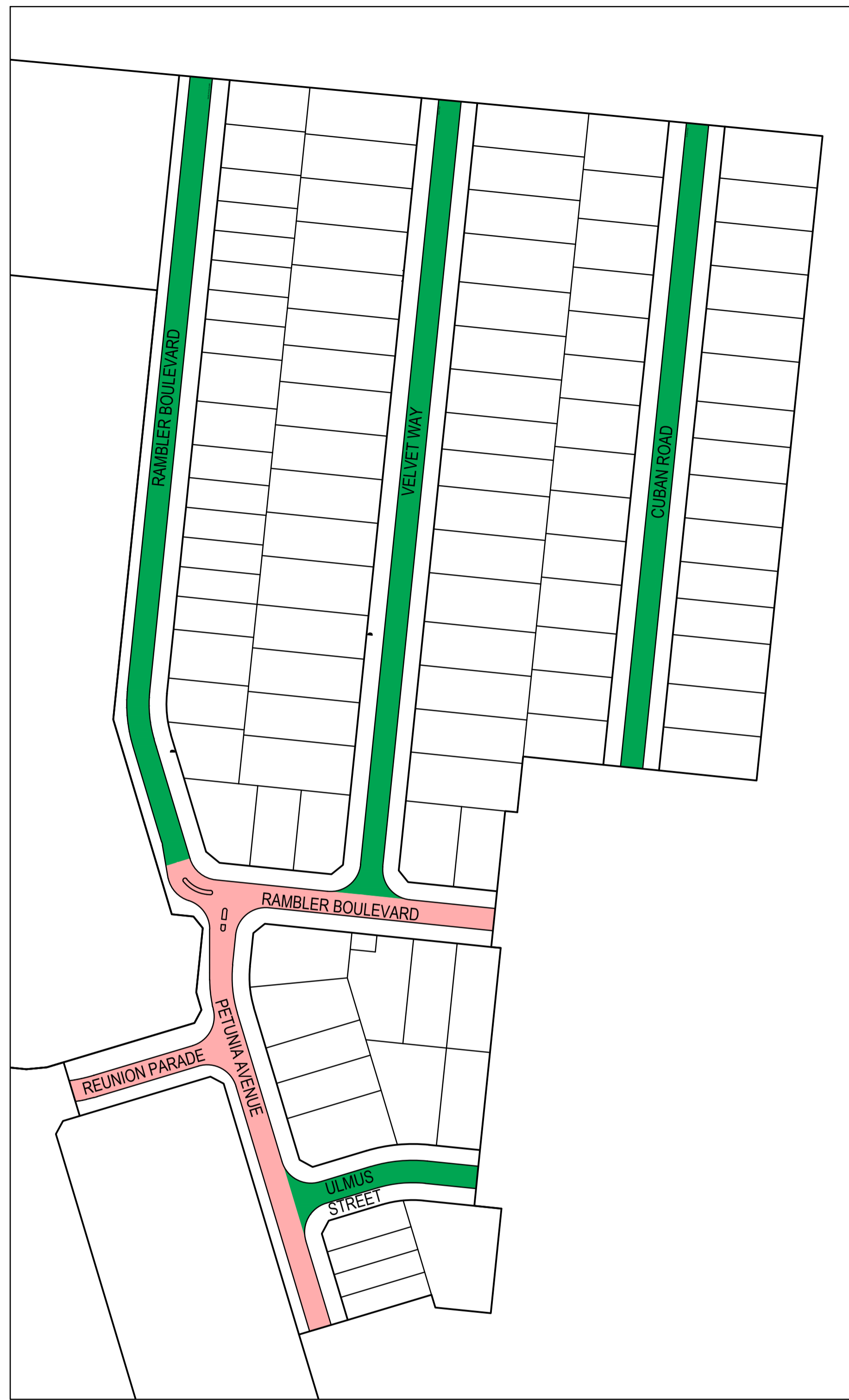
SCALE AS SHOWN AT A1

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

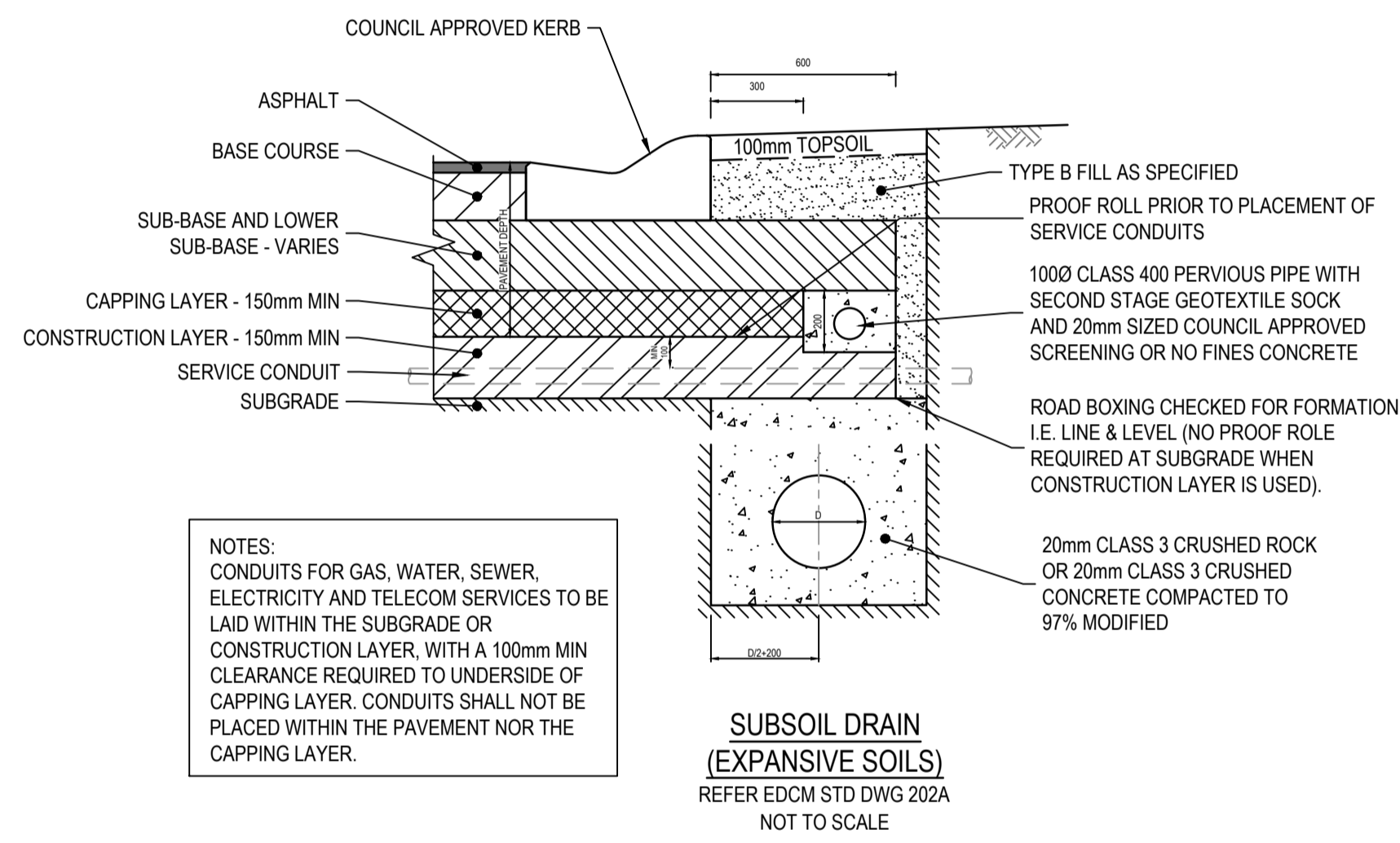


Marigold - Stage 11  
 Wyndham City Council  
 Road and Drainage  
 Pit Schedule

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-351	SHEET No. 25 of 28	REVISION 1
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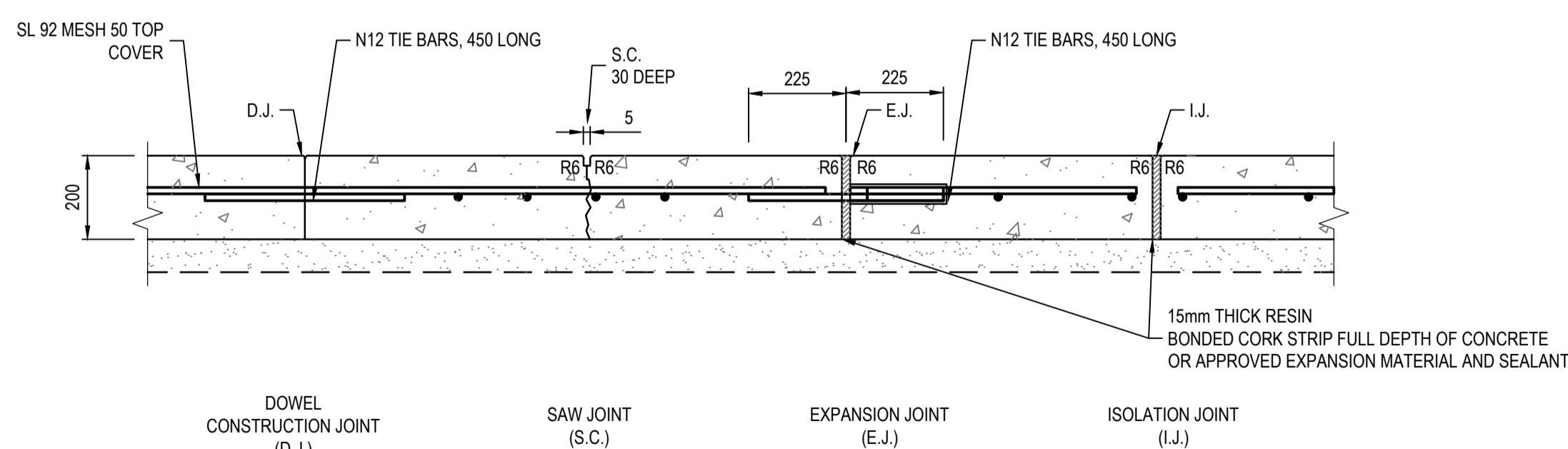


**DRAINAGE PIT DETAILS**  
NOT TO SCALE



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 EDM STD DWG 202A  
NOT TO SCALE



**CONCRETE JOINTING DETAILS**  
NOT TO SCALE  
REFER TO EDM 401

**725mm PETUNIA AVE, REUNION PDE AND RAMBLER BLVD COMPOSITION (EAST-WEST) (TYPE B)**

PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
WEARING COURSE	40	SIZE 14 TYPE N ASPHALT, CLASS 320 BINDER
BASE COURSE	40	SIZE 14 TYPE HP ASPHALT, CLASS A10E BINDER
SEALING LAYER	10	SIZE 10 SAMI TREATMENT
BONDING LAYER		PRIME COAT IF NOT SUBJECTED TO TRAFFIC OTHERWISE PRIMER SEAL
BASE	110	SIZE 20 CLASS 2 FCR, COMPACTED DEPTH, COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289, 5.2.1
SUBBASE	225	SIZE 20 CLASS 3 FCR, COMPACTED DEPTH, (PLACED IN TWO EQUI-THICK LAYERS) COMPACTED TO A MINIMUM DENSITY RATIO OF 97% (MODIFIED) MAXIMUM DRY DENSITY AS1289, 5.2.1
CAPPING LAYER	150	TYPE A CAPPING LAYER MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY ≤ 5x10 <sup>-9</sup> 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 <sup>-9</sup> m/s) COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289, 5.1.1

**635mm CUBAN RD, ULMUS ST, VELVET WAY AND RAMBLER BLVD (NORTH-SOUTH) COMPOSITION (TYPE A)**

PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
WEARING COURSE	30	SIZE 10 TYPE N ASPHALT, CLASS 320 BINDER
BASE COURSE	30	SIZE 10 TYPE N ASPHALT, CLASS 320 BINDER
SEALING LAYER	10	SIZE 10 SAMI TREATMENT
BONDING LAYER		PRIME COAT IF NOT SUBJECTED TO TRAFFIC OTHERWISE PRIMER SEAL
BASE	130	SIZE 20 CLASS 2 FCR, COMPACTED DEPTH, COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% (MODIFIED) MAXIMUM DRY DENSITY AS1289, 5.2.1
SUBBASE	135	SIZE 20 CLASS 3 FCR, COMPACTED DEPTH, COMPACTED TO A MINIMUM DENSITY RATIO OF 97% (MODIFIED) MAXIMUM DRY DENSITY AS1289, 5.2.1
CAPPING LAYER	150	TYPE A CAPPING LAYER MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY ≤ 5x10 <sup>-9</sup> 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 CAPPING LAYER MATERIAL (MIN CBR 8%, SWELL ≤ 1.5%, PERMEABILITY ≤ 5x10 <sup>-9</sup> m/s) COMPACTED TO A MINIMUM CHARACTERISTIC DENSITY RATIO OF 98% (STANDARD) MAXIMUM DRY DENSITY AS1289, 5.1.1

**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.

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.

- JOINT DETAIL NOTES:**
- SAW JOINTS ARE TO BE PLACED AT A MAXIMUM 5m SPACING AT INTERSECTIONS AND CONSTRUCTED 18-24 HOURS AFTER POURING.
  - TRANSVERSE/CONTRACTION JOINTS ARE TO BE PLACED AT A MAXIMUM SPACING OF 12m.
  - EXPANSION JOINTS ARE TO BE PLACED AT A SPACING OF 12m.
  - ISOLATION JOINTS ARE TO BE PLACED AROUND PITS.
  - ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH "CEMENT AND CONCRETE ASSOCIATION OF AUSTRALIA - CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS 1997".

**NOTES:**

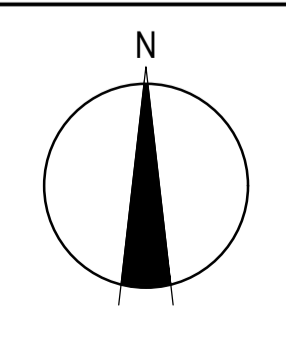
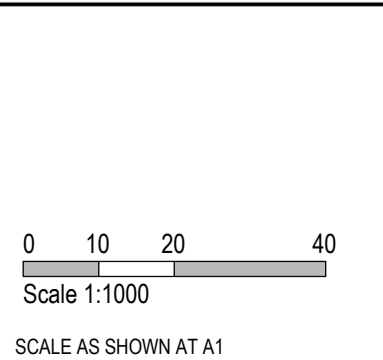
- CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST SEVEN DAYS AFTER POURING.

**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.

Quality Management ISO 9001  
 OHS Management AS/NZS 4501  
 Environmental Management ISO 14001  
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PLAN OF SUB. NO.  
PS900883R  
 PERMIT REF. NO.  
WYP10365/17.01

**AS CONSTRUCTED**

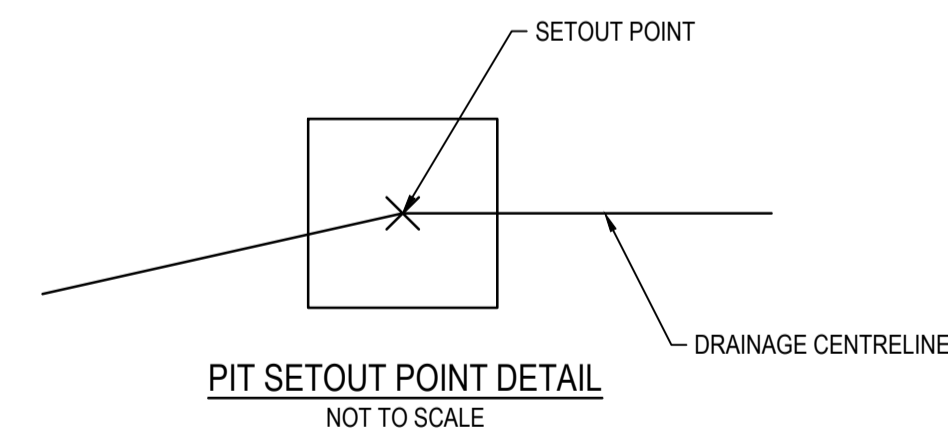
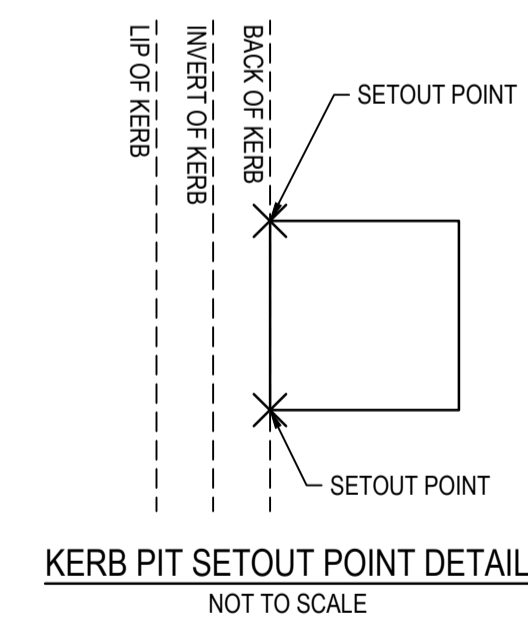
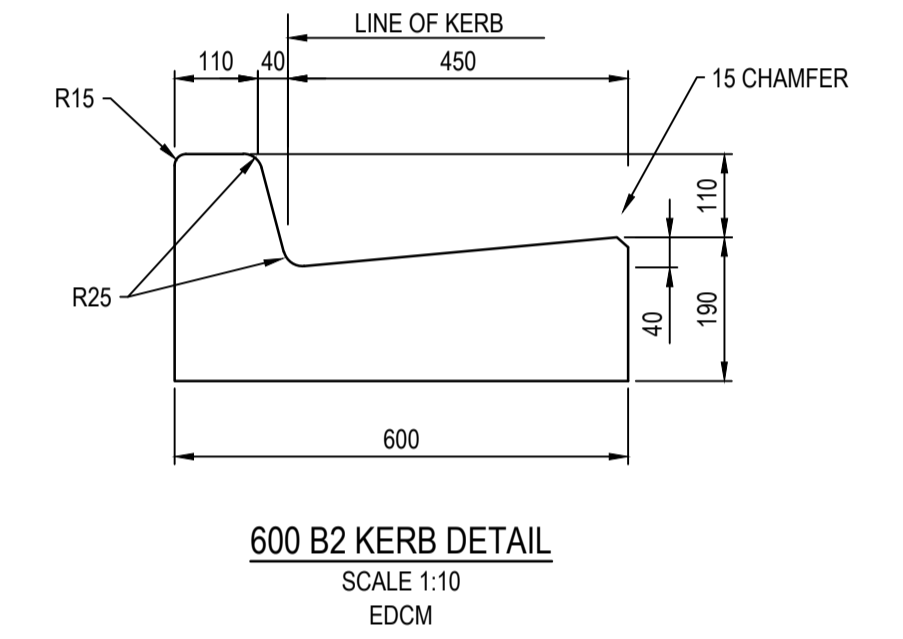
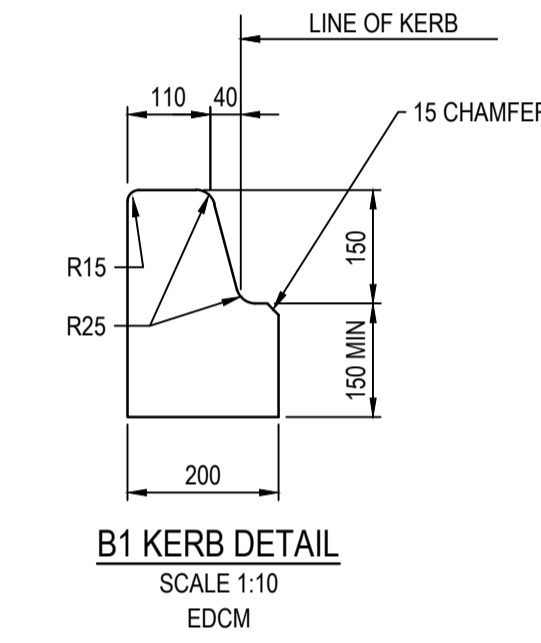
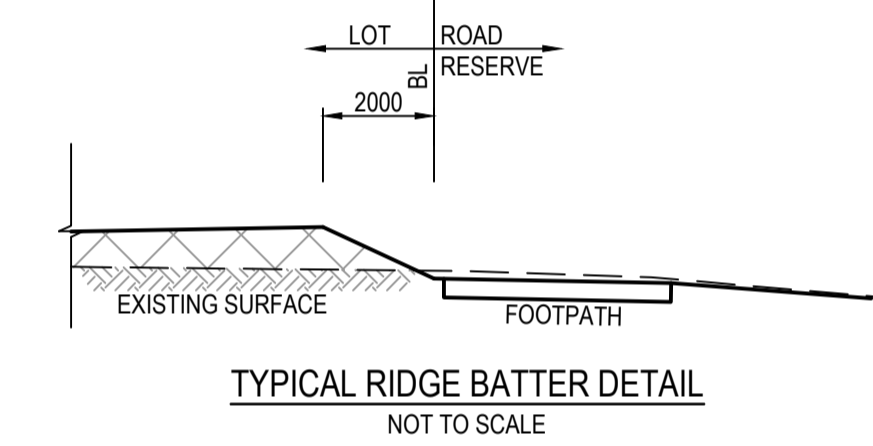
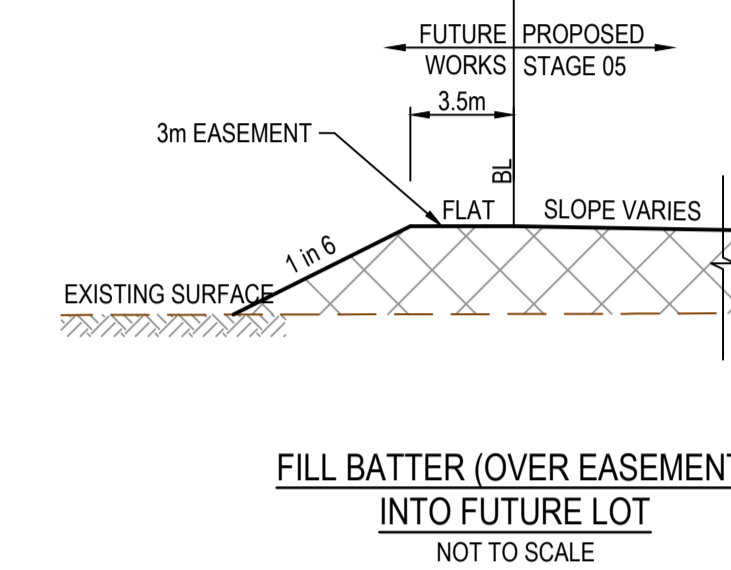
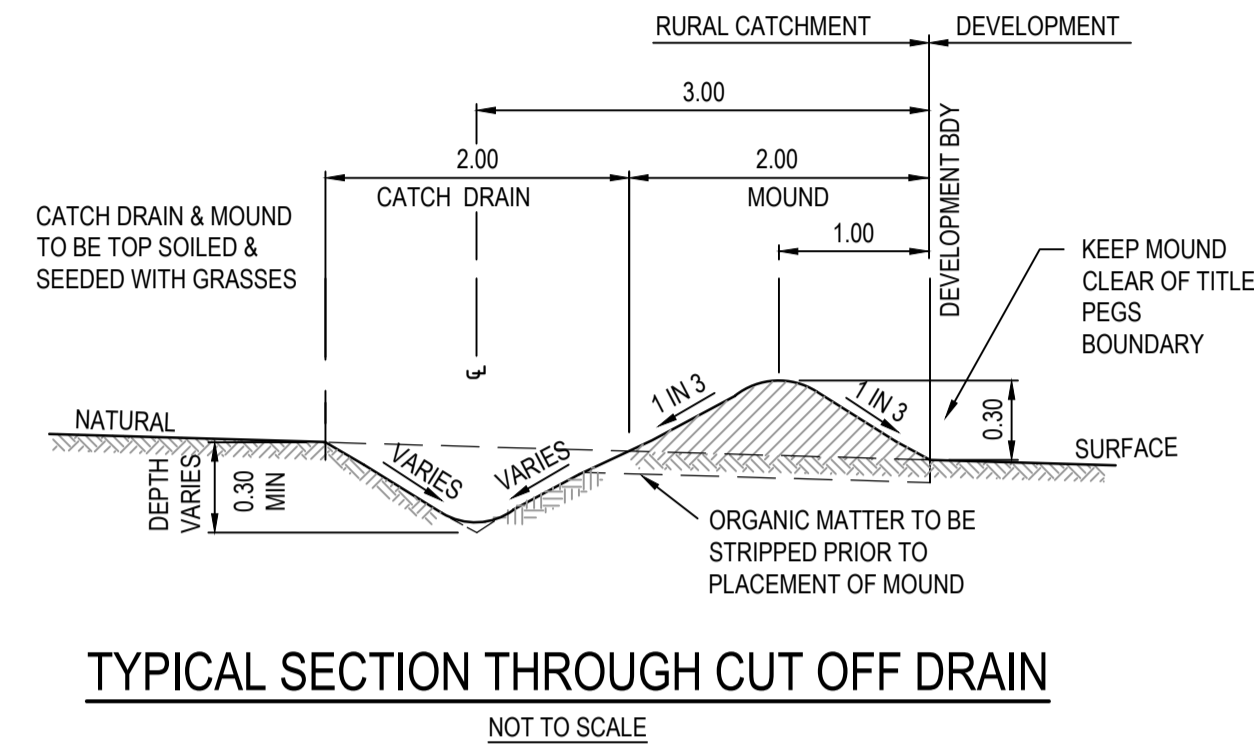
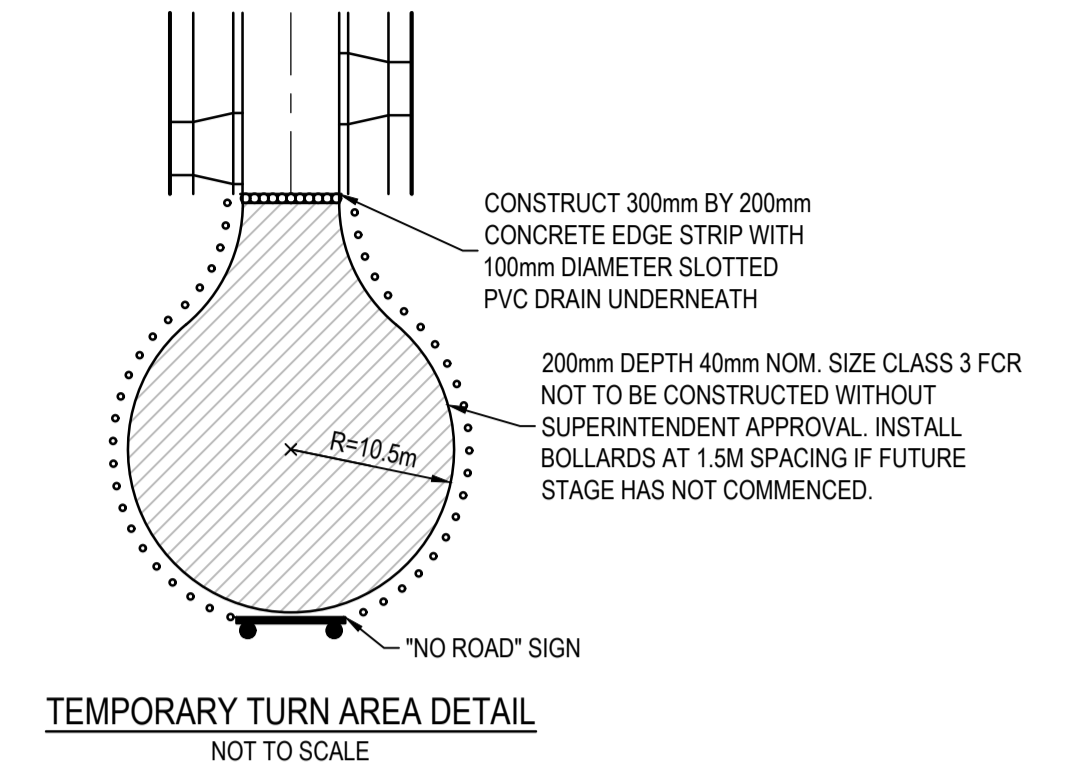
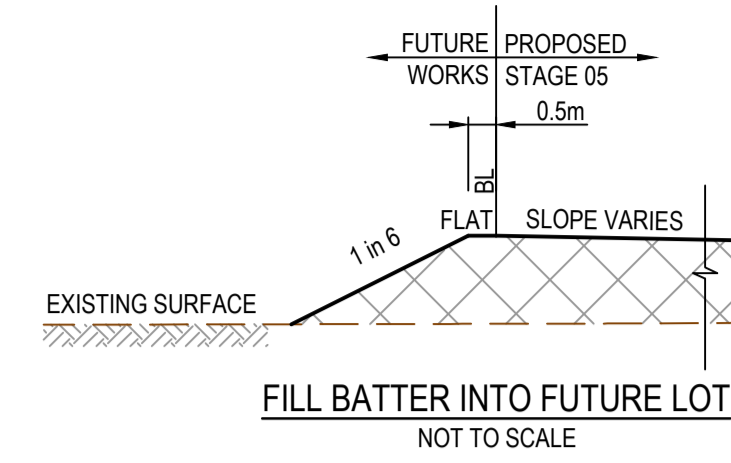


**SMEC**  
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Melbourne, VIC 3008  
Ph 03 9514 1500

**GROWLAND**

Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Pavement Details

MELWAYS REF: 359 F9  
PROJECT / DRAWING No: 2360E-011-411  
SHEET No: 26 of 28  
REVISION: 0



**AS CONSTRUCTED PLANS**

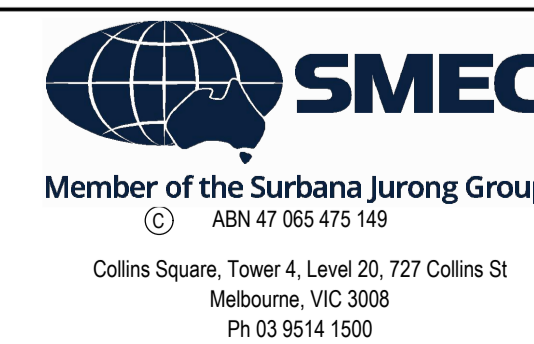
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**AS CONSTRUCTED**

PLAN OF SUB. NO.  
PS900883R  
PERMIT REF. NO.  
WYP10365/17.01

SCALE AS SHOWN AT A1



Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
General Details

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-421	SHEET No. 27 of 28	REVISION 0
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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 ADDRESSED 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
<b>Road Furniture / Roadside Features</b>												
Construction	RD	Roads	Construction close to live traffic	Contractor	New works will be constructed adjacent to live traffic when abutting existing stages.	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	Contractor	Vehicle conflict with utility / pit	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	Road Authority	Inadequate drivers response time.	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	Road Authority	Potential for drivers / riders to strike signs and street lights	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	Road Authority	Potential vehicle conflict within clear zone	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	Relevant Authority	Potential fall hazard during maintenance, by vehicles and pedestrians	Barriers to be provided in accordance with road standards	Barriers to be provided and safe batter slopes (>1:3)	N	2	5	10	Constructor
<b>Drainage</b>												
Operational	DR	Drainage	Grated Pits	Relevant Authority	Trip/fall hazard with large spaced grate	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	Relevant Authority	Potential for pit failure	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	Relevant Authority	Lack of safe access for maintenance	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	Relevant Authority	Lack of safe entry for maintenance	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	Relevant Authority	Lack of safe access for maintenance	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	Authority
<b>Sewer</b>												
Maintenance	SE	Sewer	Deep Manholes	Relevant Authority	Lack of safe entry for maintenance	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	Relevant Authority	Lack of safe access for maintenance	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
<b>Electricity</b>												
Operational	ES	Electrical Services	Electrical Design	Relevant Authority	Location of assets within clear zones e.g. pits/ substations	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
<b>Telstra</b>												
Operational	TE	Telstra	Telstra Design	Relevant Authority	Location of assets within clear zones e.g. pits	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
<b>Water</b>												
Operational	WA	Water	Water Design	Relevant Authority	Location of assets within clear zones e.g. pits/ substations	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
<b>Gas</b>												
Operational	GA	Gas	Gas Design	Relevant Authority	Location of assets within clear zones e.g. pits/ substations	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**

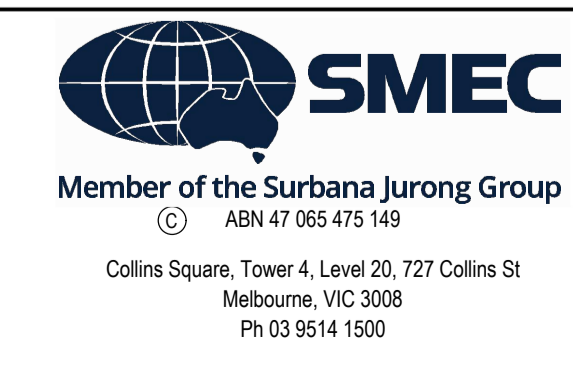
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**AS CONSTRUCTED**

SCALE AS SHOWN AT A1



Marigold - Stage 11  
Wyndham City Council  
Road and Drainage  
Safety In Design

MELWAYS REF 359 F9	PROJECT / DRAWING No. 2360E-011-500	SHEET No. 28 of 28	REVISION 0
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