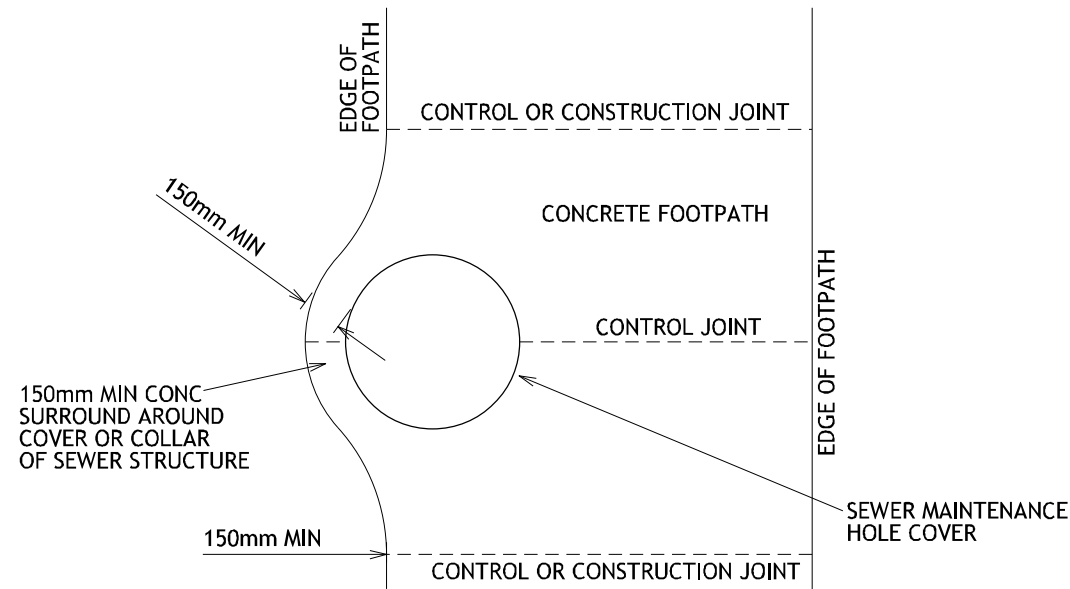
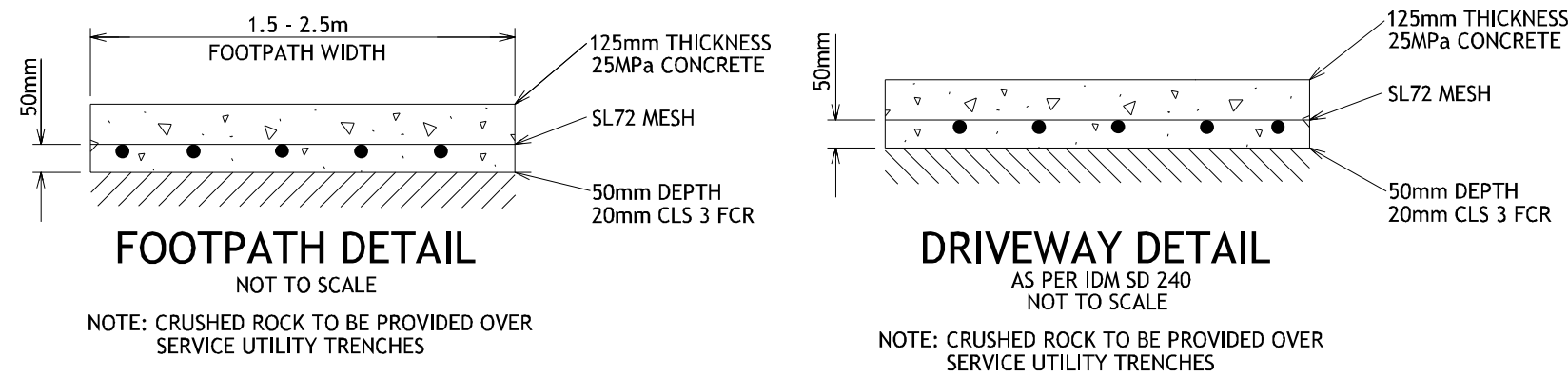


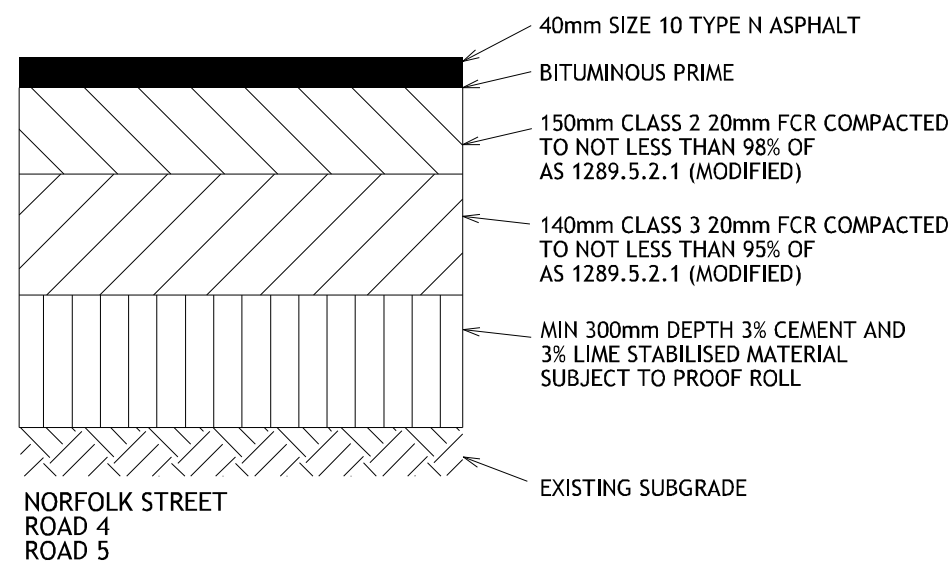
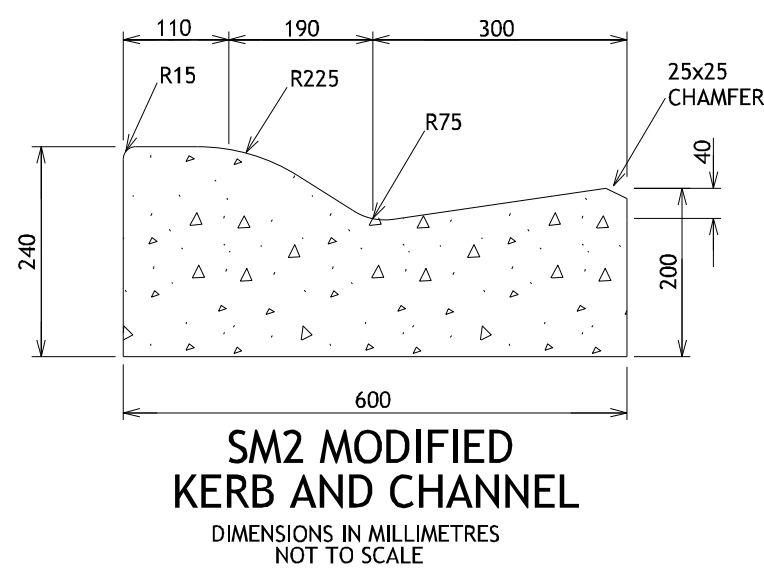


ROAD	TELSTRA	WATER	GAS	POWER	SEWER	STREET TREES
NORFOLK STREET	1.8m NORTH (TYPICALLY)	2.6m SOUTH (TYPICALLY)	2.1m SOUTH (TYPICALLY)	2.45m NORTH (TYPICALLY)	N/A	2.5m NORTH (TYPICALLY) 2.5m SOUTH (TYPICALLY)
ROAD 4 (NORTH)	2.1m SOUTH (TYPICALLY)	2.8m NORTH (TYPICALLY)	2.3m NORTH (TYPICALLY)	2.6m SOUTH (TYPICALLY)	0.8m SOUTH (TYPICALLY)	2.5m NORTH/SOUTH (TYPICALLY)
ROAD 4 (EAST)	2.1m WEST (TYPICALLY)	1.0m EAST (TYPICALLY)	0.5m EAST (TYPICALLY)	2.6m WEST (TYPICALLY)	0.8m WEST (TYPICALLY)	2.5m EAST /WEST (TYPICALLY)
ROAD 4 (SOUTH)	2.1m NORTH (TYPICALLY)	2.6m SOUTH (TYPICALLY)	2.1m SOUTH (TYPICALLY)	2.6m NORTH (TYPICALLY)	1.0m SOUTH (TYPICALLY)	2.5m NORTH/SOUTH (TYPICALLY)
ROAD 5	2.1m WEST (TYPICALLY)	2.6m EAST (TYPICALLY)	2.1m EAST (TYPICALLY)	2.6m WEST (TYPICALLY)	N/A	2.5m EAST (TYPICALLY) 2.5m WEST (TYPICALLY)

NOTE: LOCATIONS ARE DIRECTIONAL FROM ROAD CENTRELINES. ALL MEASUREMENTS ARE TO BE TAKEN FROM THE BUILDING LINE TO CENTRELINE OF TRENCH

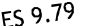
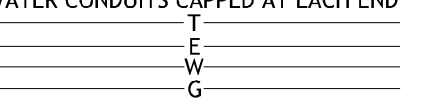
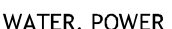


SEWER STRUCTURES WITHIN FOOTPATH



PAVEMENT COMPOSITION

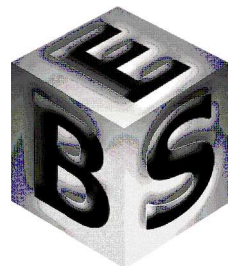
NOTES:

1. ALL WORKS SHALL CONFORM TO VICTORIAN STANDARD SPECIFICATIONS
2. ALL DIMENSIONS ARE IN METRES
3. LEVELS ARE TO A.H.D. AND TAKEN FROM LEVEL PLANS BY REDDIE SURVEYORS
4. EXISTING SURFACE LEVELS SHOWN 
5. STREET SIGNS SHOWN 
6. ALL CHAINAGES SHOWN ARE CENTRELINE CHAINAGES UNLESS OTHERWISE NOTED.
PITS SHALL BE LOCATED FROM OFFSETS SHOWN ON PLANS.
7. NBN, ELECTRICITY AND WATER CONDUITS CAPPED AT EACH END
ARE SHOWN 
8. ALL EASEMENTS ARE FOR DRAINAGE AND SEWERAGE PURPOSES UNLESS OTHERWISE NOTED
9. ALL CONSTRUCTION MUST BE CONTAINED WITHIN THEIR RELEVANT RESERVE OR EASEMENT
10. PROPOSED DRAINAGE SHOWN 
11. EXISTING DRAINAGE SHOWN 
12. HOUSE DRAIN 
13. CLASS 3 BACKFILL TO BE USED IN SERVICE TRENCHES UNDER FOOTPATHS AND VEHICULAR CROSSINGS
14. PROPOSED SEWER SHOWN 
15. EXISTING SEWER SHOWN 
16. THE CONTRACTOR SHOULD NOTE THE EXISTENCE OF TELECOM, GAS, POWER, WATER AND ANY OTHER SERVICES IN THE AREA PRIOR TO TENDERING, ANY DISTURBANCE TO EXISTING SERVICES, FOOTPATHS ETC. SHALL BE RECTIFIED AT THE CONTRACTORS EXPENSE.
17. ALL NATURE STRIPS AND BATTERS SHALL BE COVERED WITH 150mm MIN. DEPTH TOPSOIL, AND SEEDED WITH AN APPROVED SEED AND FERTILIZER MIXTURE.
18. AT COMPLETION, THE WHOLE SITE SHALL BE CLEANED UP, GRADED OVER AND ALL RUBBISH REMOVED, AND THE SITE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERVISING ENGINEER.
19. EXTENT OF CUT AND FILL IS SHOWN AS 
20. SERVICE CROSSING LOCATIONS TO BE MARKED ON KERB FOR WATER, POWER AND NBN CONDUITS AND HOUSE DRAINS FOR EACH PROPERTY.
21. HOLD POINTS FOR CONSTRUCTION ARE AS FOLLOWS:
24 HOURS NOTICE IS REQUIRED FOR INSPECTIONS AT HOLD POINTS
- INSPECTION PRIOR TO COMMENCEMENT OF WORKS;
- INSPECTION OF SUBGRADE;
- INSPECTION DURING DRAINAGE WORKS;
- INSPECTION OF SUBSOIL DRAINAGE;
- INSPECTION OF KERB AND CHANNEL BEDDING AND LAYING;
- INSPECTION AND TESTING OF EACH PAVEMENT LAYER PRIOR TO PLACING ANY SUBSEQUENT PAVEMENT LAYER;
- INSPECTION PRIOR TO SEALING AND ASPHALT WORKS.
22. WATER AND GAS CONDUITS ARE TO EXTEND 1m INSIDE THE PROPERTY BOUNDARY
23. BACKFILL FOR ROAD CROSSINGS AND UNDER DRIVEWAY CROSSINGS SHALL BE 20mm CLASS 2 CRUSHED ROCK COMPACTED IN 150mm DEEP LAYERS TO 95% OF AS1289.5.2.1
24. TREATMENT OF SPOt SPOTS SHALL BE DIRECTED BY BROSNAN ENGINEERING SOLUTIONS. NO SUBGRADE REPLACEMENT WORKS TO BE UNDERTAKEN WITHOUT PRIOR CONSENT FROM BROSNAN ENGINEERING SOLUTIONS.
25. COUNCIL'S SURVEILLANCE OFFICER, TOM RUDDELL IS TO BE CONTACTED ON 0646 821 859 WHEN ARRANGING INSPECTIONS
26. NO TOPSOIL, SILT OR CLAYEY SILT IS TO BE TAKEN OFF SITE
27. PRAM CROSSINGS ARE TO BE USED AT ALL MODIFIED SM2 KERB AND CHANNEL LOCATIONS
28. BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.5 METRES IN DEPTH, THE CONTRACTOR IS TO SEND THE VICE PRINCIPAL MINING INSPECTOR, A VICTORIAN WORKSAFE AUTHORITY IN ACCORDANCE WITH THE MINES ACT 1958 AND OH&S ACT 1985, A FOREMAN, QUALIFIED AS A NOMINATED PERMITTED MINES MANAGER, MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATION.
29. ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS1742-1 AND AS1742-2 UNLESS SHOWN OTHERWISE. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS1742-3. ALL LINE MARKING TO BE THERMOPLASTIC.
30. TACTILE GROUND SURFACE INDICATORS (TGSIs) ARE TO BE VICROADS APPROVED
31. COMPACTION TEST RESULTS ON SUBGRADE, SUBBASE & BASE TO BE PROVIDED TO BROSNAN ENGINEERING SOLUTIONS AND BASS COAST SHIRE COUNCIL PRIOR TO CONSTRUCTION OF SUBSEQUENT LAYERS
32. CONCRETE GRADE TO BE USED FOR CONSTRUCTION OF PITS TO BE 25MPa
33. ALL PIPES TO BE RUBBER JOINT (RJ) UNLESS OTHERWISE STATED
34. ALL AREAS REQUIRING FILL TO BE STRIPPED, CLEANED OUT TO A SOLID BASE, AND FILLED WITH A SUITABLE CLEAN SILT-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTED TO NOT LESS THAN 95.0% OF AS1289.5.2.1 STANDARD COMPACTION AT A MOISTURE RATIO BETWEEN 90% AND 105% OF OPTIMUM MOISTURE CONTENT. ALL ALLOTMENT FILLING EXCEEDING 300mm DEPTH IS TO BE UNDERTAKEN UNDER INSPECTION SUPERVISION WITH COMPACTION TESTS AND CERTIFICATES PROVIDED FOR EACH ALLOTMENT THAT HAS SAID FILL PLACED
35. HOUSE DRAINS ARE TO BE INSTALLED IN ACCORDANCE WITH IDM STANDARD DRAWING SPECIFIED. DRAINS SHALL BE BROUGHT TO THE SURFACE AND CAPPED WHERE APPLICABLE. SILENT EASEMENT DRAINS TO BE CONSTRUCTED WITH 450x450 PLASTIC EVERHAUGH PIT (OR EQUIVALENT)
36. ALL POLYPROPYLENE PIPES (STORM/PROP/BLACKMAX OR OTHER APPROVED EQUIVALENT) ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURES SPECIFICATION AND BASS COAST SHIRE COUNCIL DOCUMENTED REQUIREMENTS.

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3301/3	NORFOLK STREET & ROAD 4 LONGITUDINAL SECTIONS
3301/4	ROAD 4 LONGITUDINAL SECTION & TYPICAL SECTIONS
3301/5	ROAD 5 LONGITUDINAL SECTION & TYPICAL SECTIONS
3301/6	NORFOLK STREET CROSS SECTION
3301/7	ROAD 4 CROSS SECTIONS
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3301/17	DRAINAGE LONGITUDINAL SECTIONS
3301/18	DRAINAGE LONGITUDINAL SECTIONS
3301/19	DRAINAGE LONGITUDINAL SECTIONS
3301/20	DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE
3301/18	INTERSECTION & ROAD BEND DETAILS

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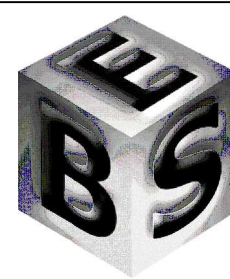
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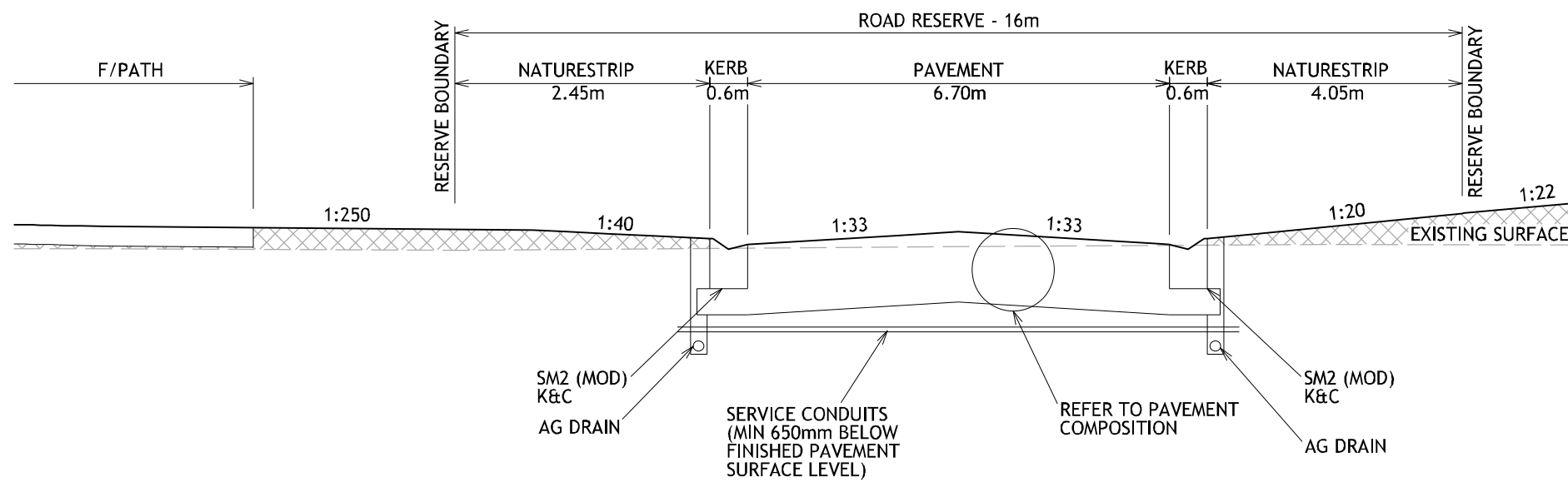
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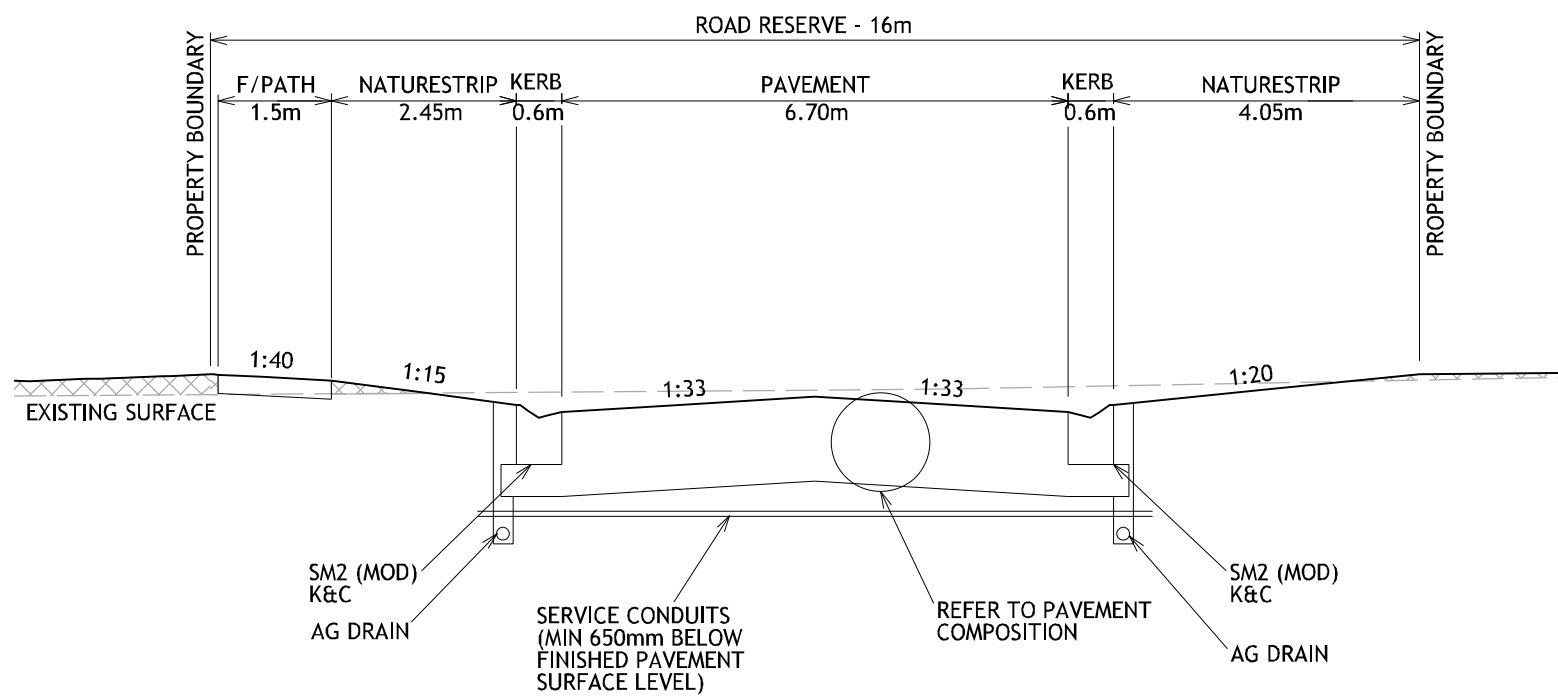
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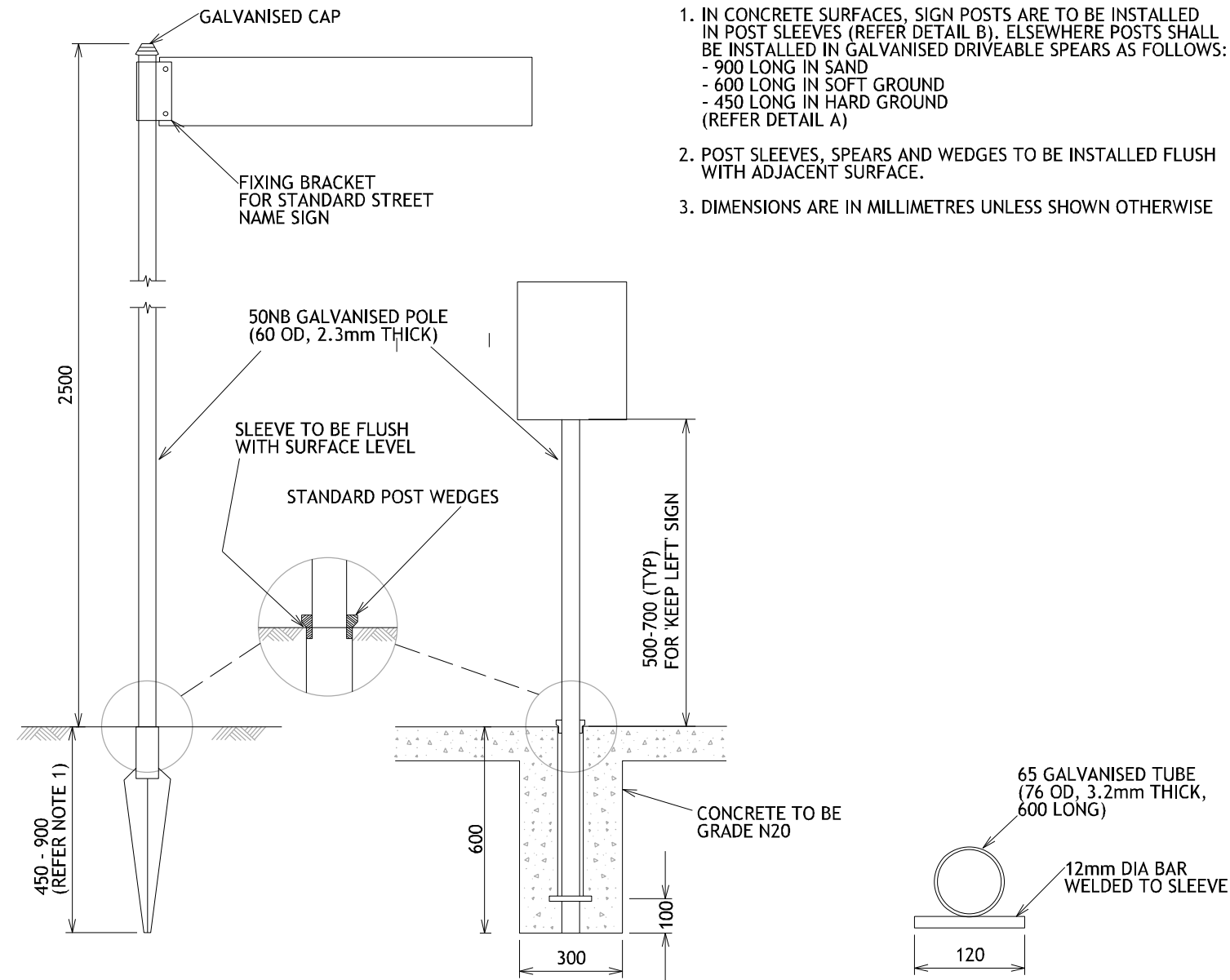
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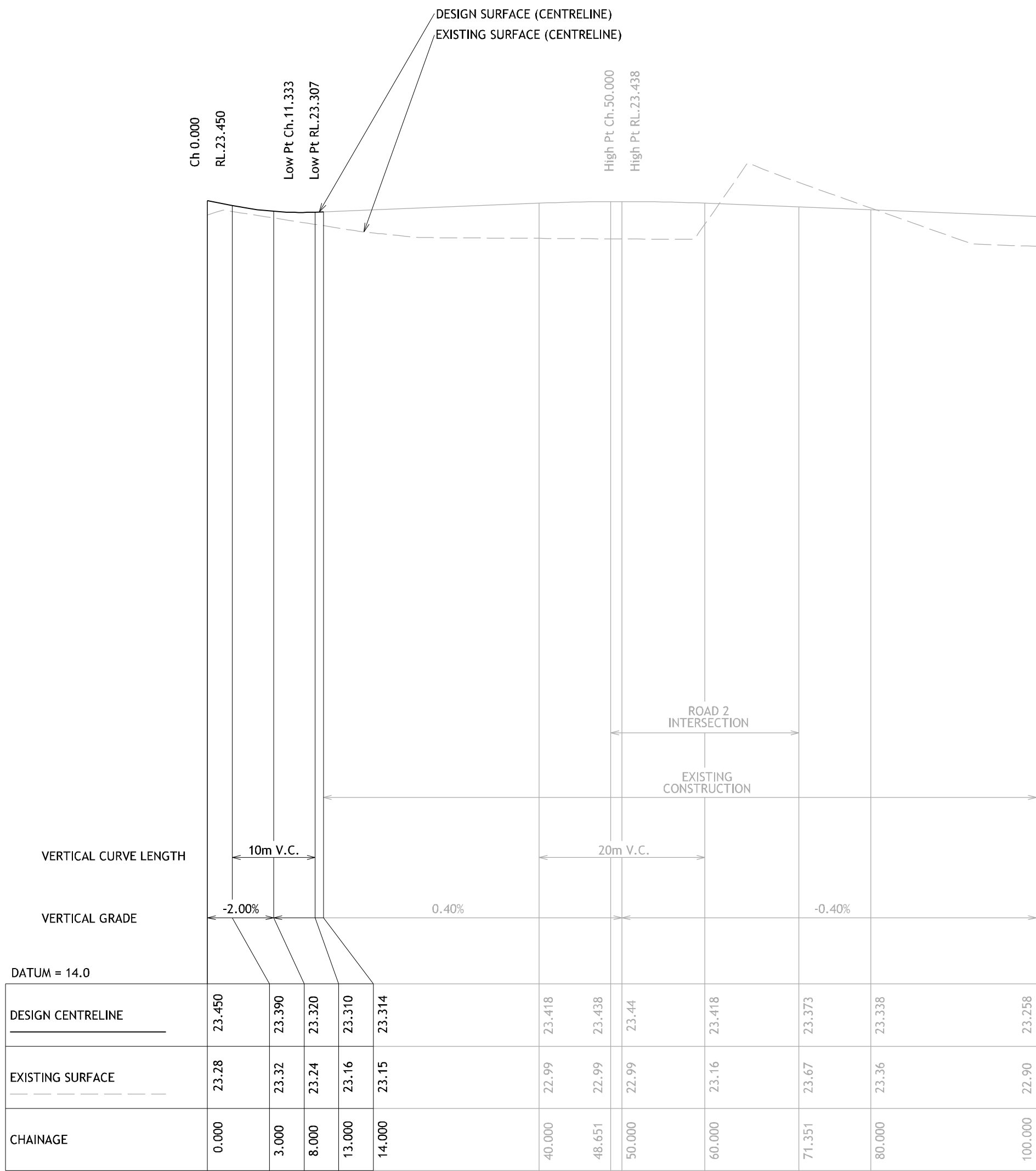
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TYPICAL SECTIONS
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ROAD 4
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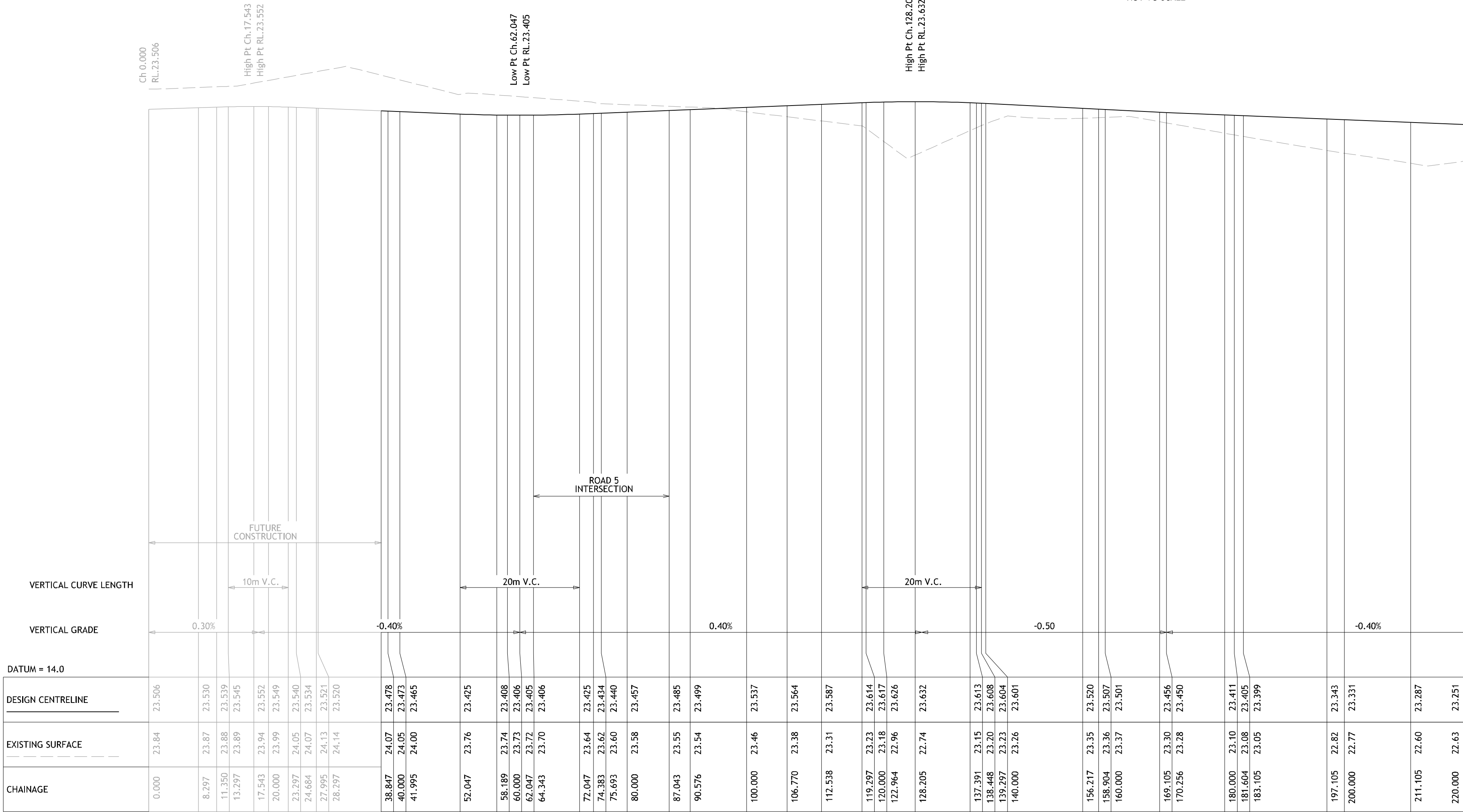


TYPICAL FOOTING DETAILS FOR SIGNS
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LONGITUDINAL SECTION

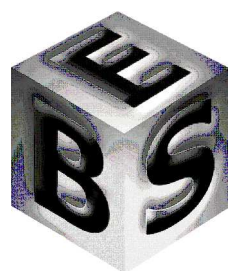
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HORIZONTAL 1:500
VERTICAL 1:50



LONGITUDINAL SECTION

ROAD 4
SCALE 1:500(H), 1:50(V) (A1)
HORIZONTAL 1:500
VERTICAL 1:50

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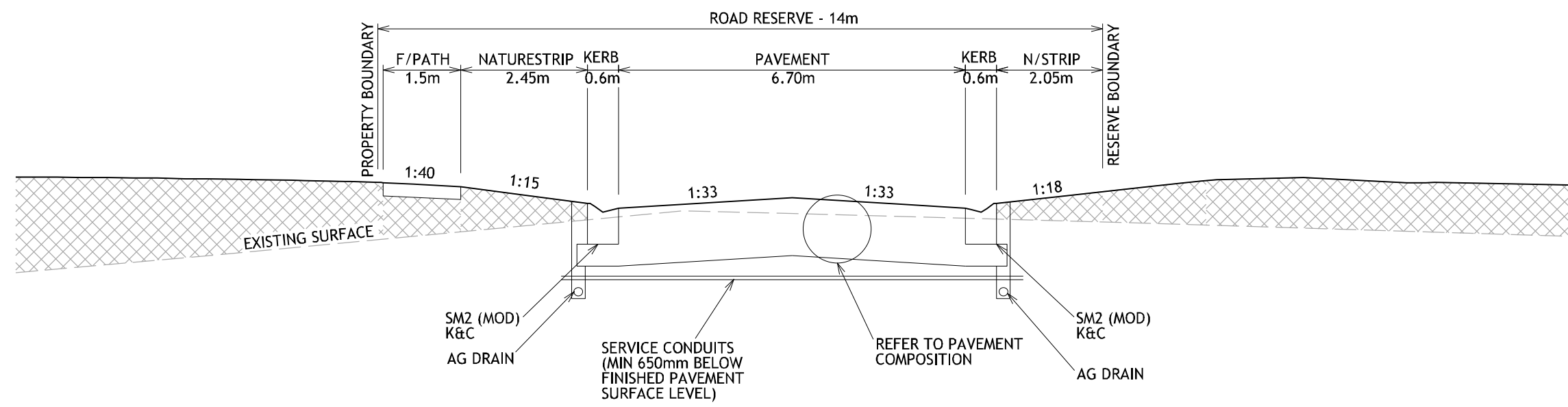
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3301 / 3

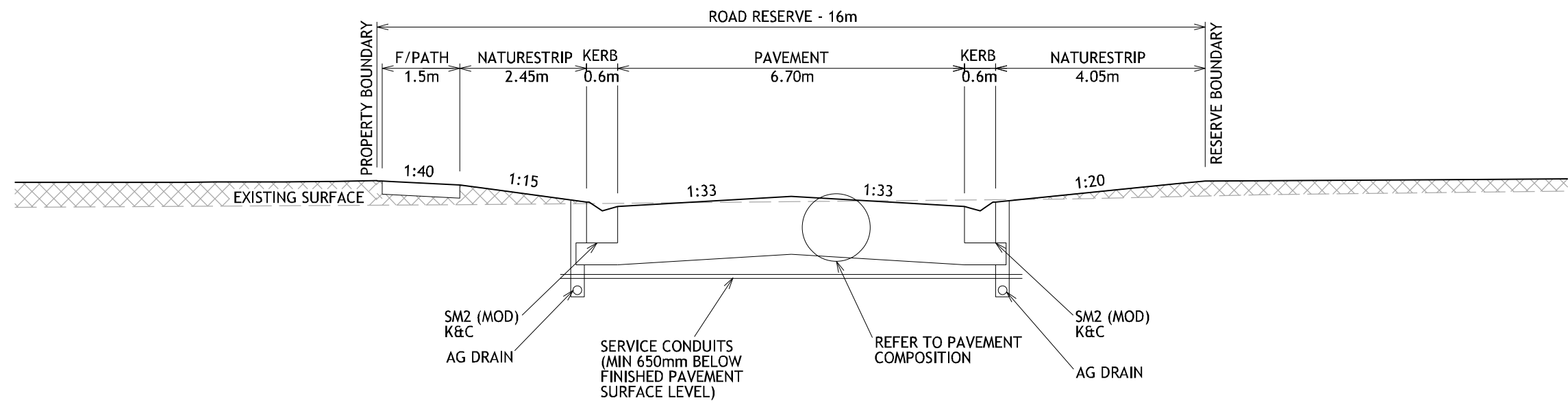
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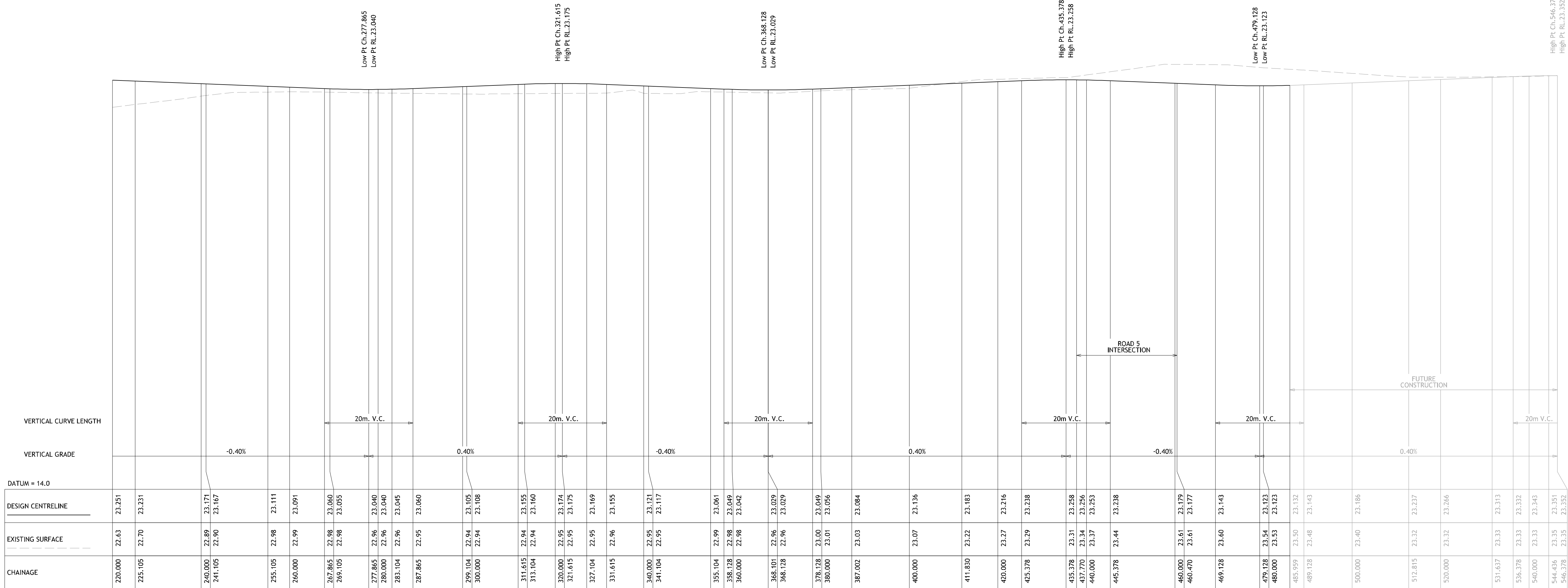
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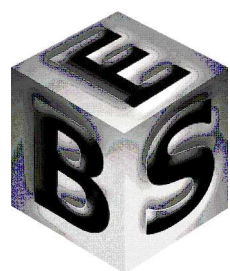
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NOT TO SCALE



LONGITUDINAL SECTION

ROAD 4
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HORIZONTAL 1:500
VERTICAL 1:50

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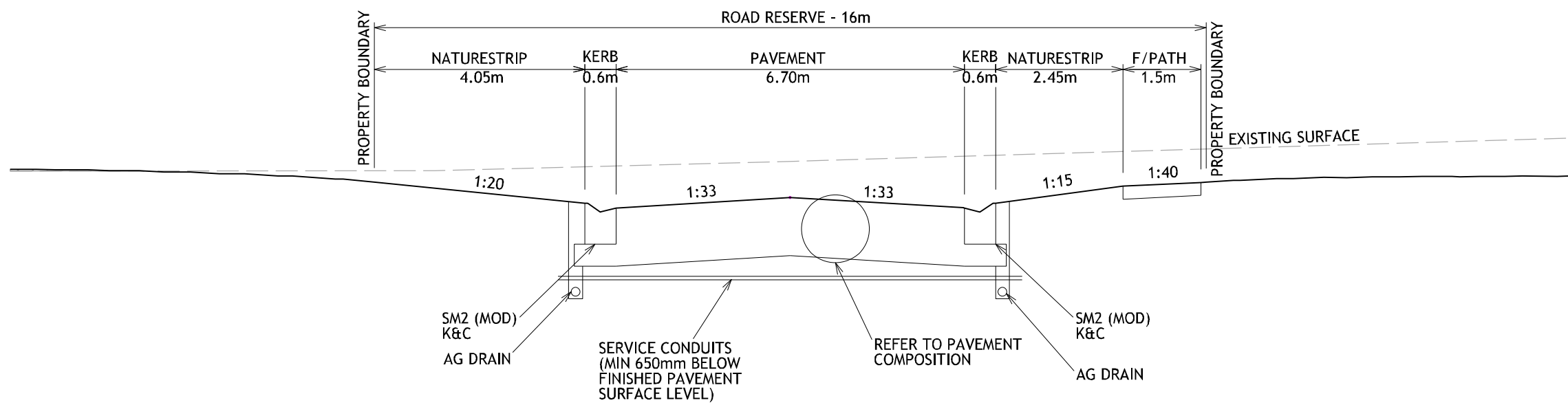


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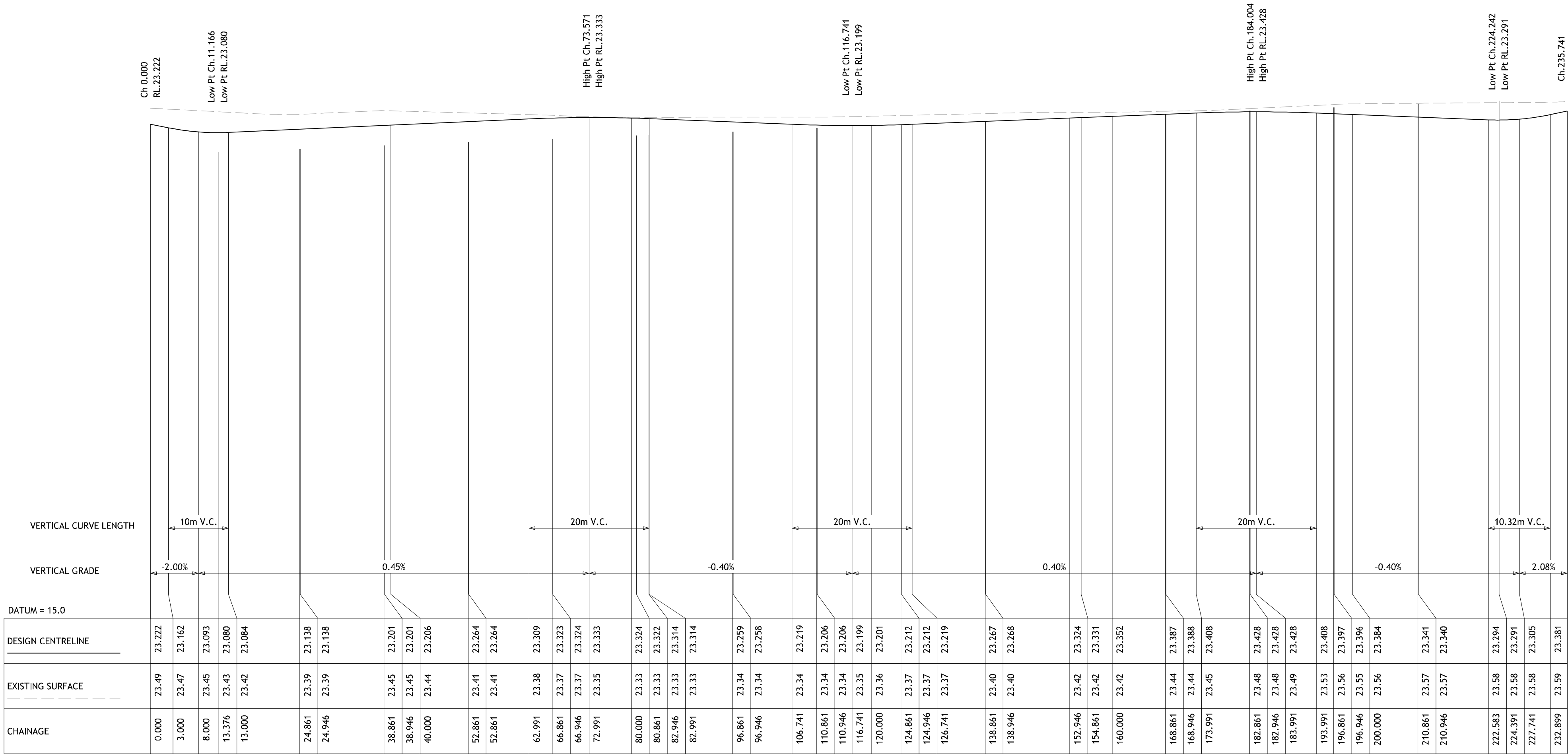
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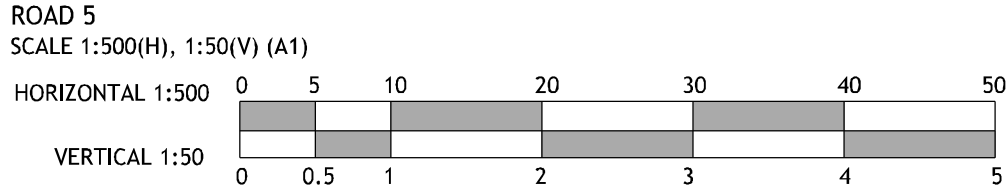
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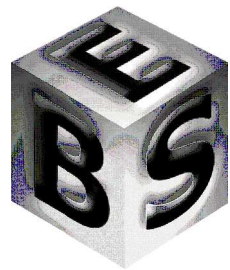
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LONGITUDINAL SECTION



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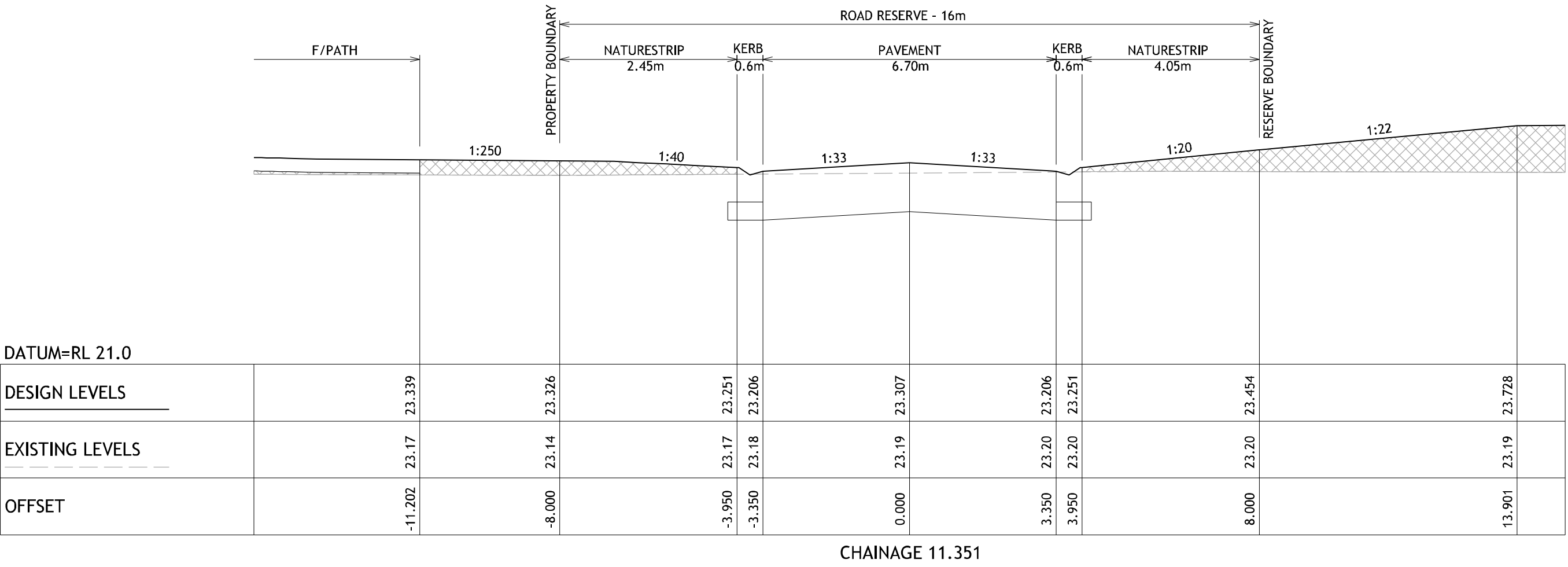
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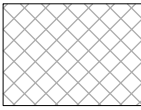
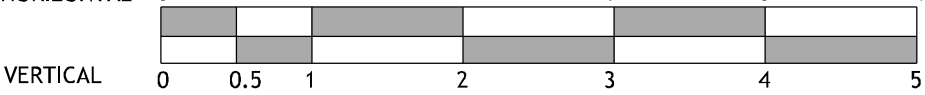
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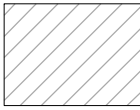
CROSS SECTIONS

NORFOLK STREET

SCALE 1:100 (H), 1:50 (V) (A1)

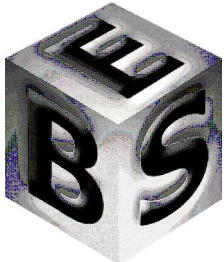


DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE 34 ON DRG No 3122/1



DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTION TO NOT LESS THAN 95% OF AS 1289.5.1.1 (STANDARD)

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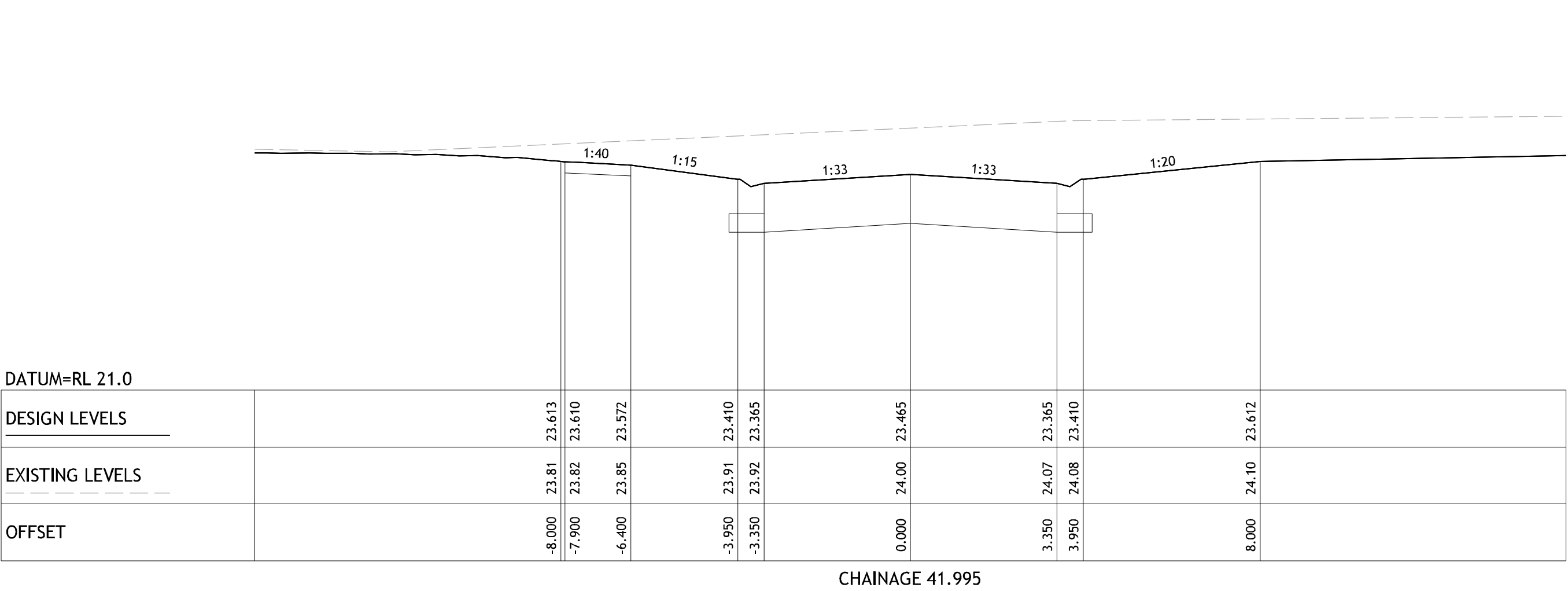
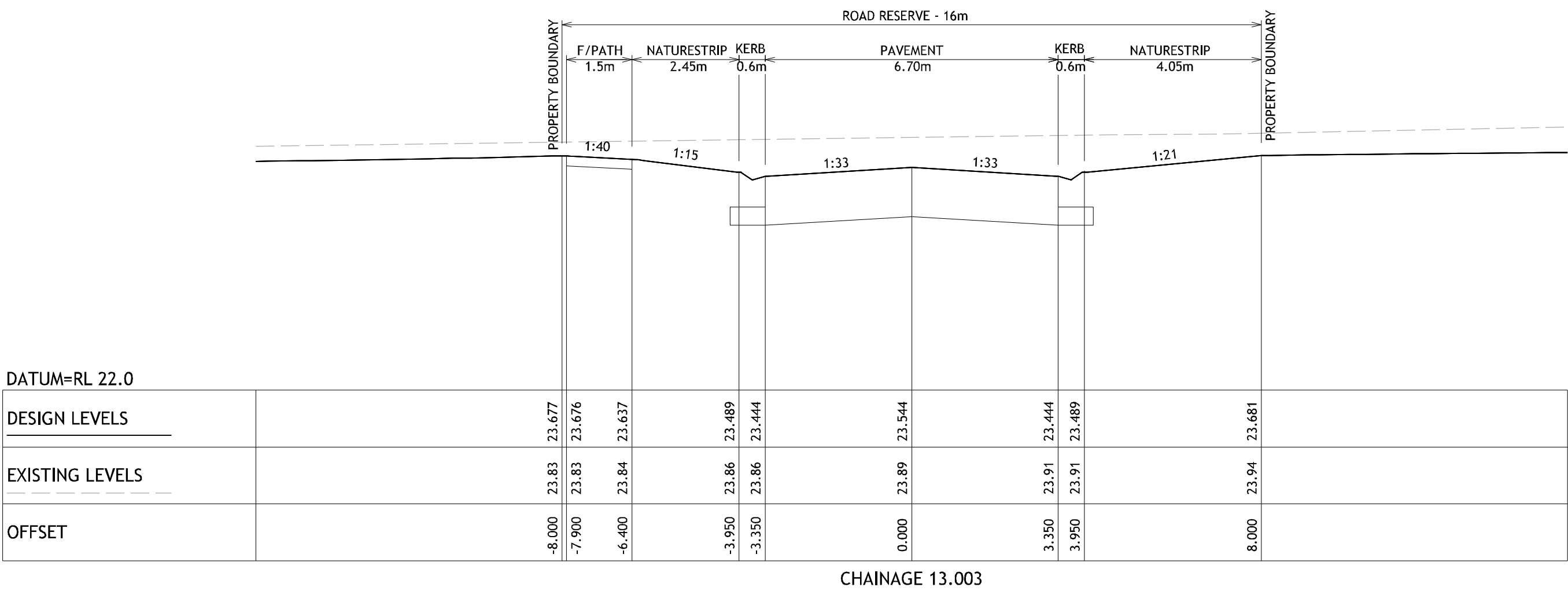
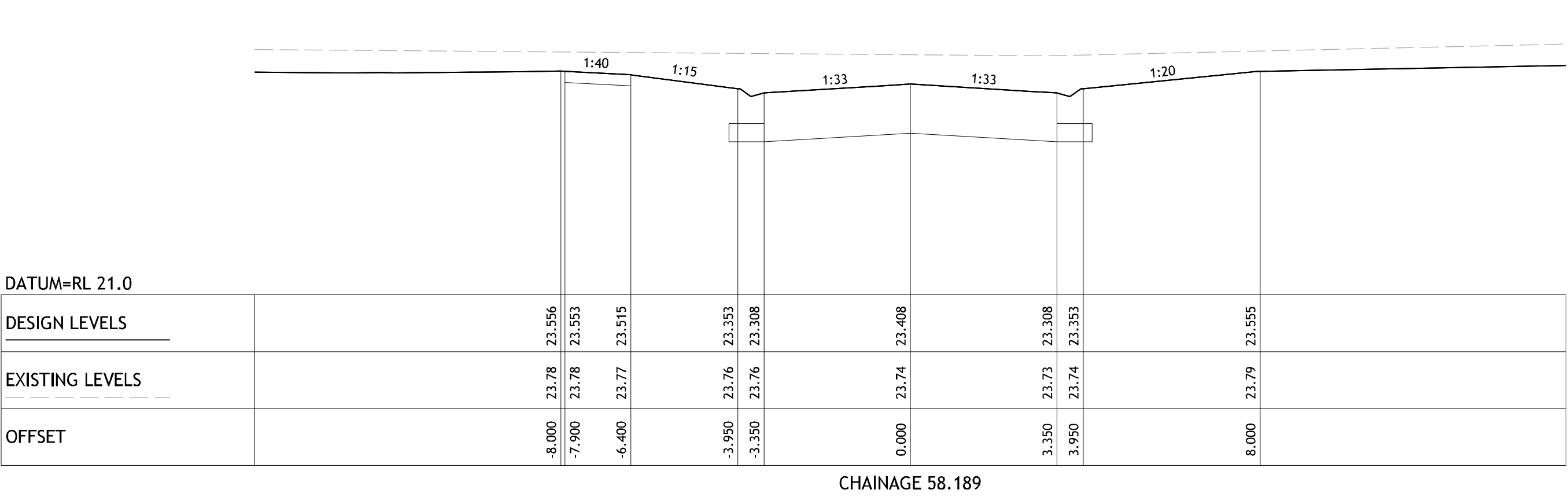
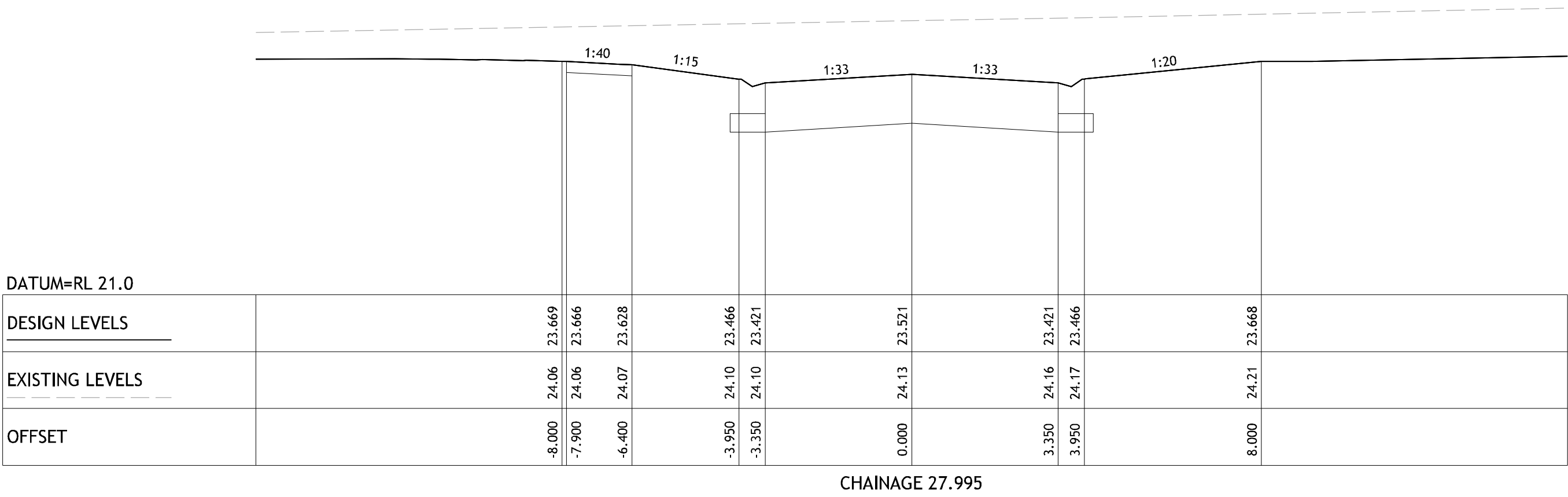
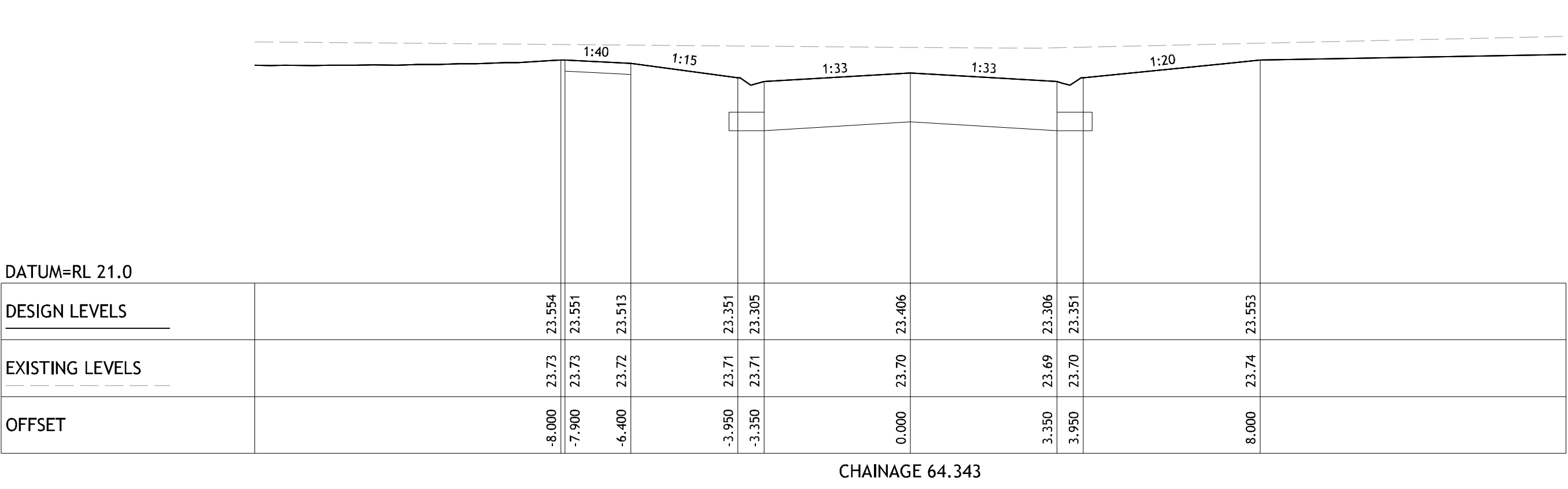
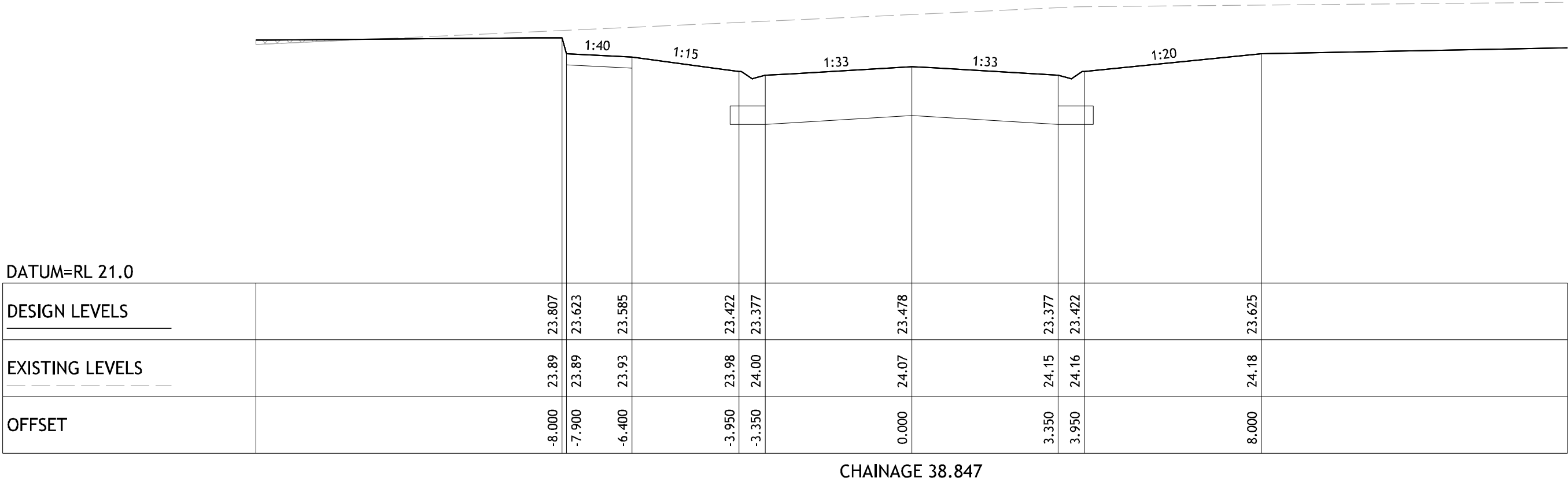
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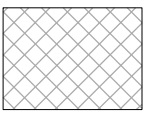
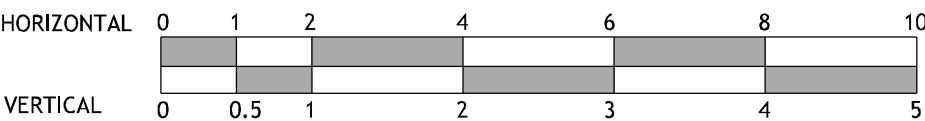
BES REFERENCE: 1129-6	REV
3301 / 6	B
SHEET 6 OF 21	



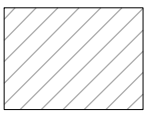
CROSS SECTIONS

ROAD 4

SCALE 1:100 (H), 1:50 (V) (A1)

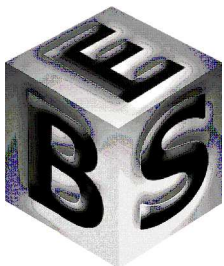


DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE 34 ON DRG No 3122/1



DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTION TO NOT LESS THAN 95% OF A5 1289.5.1.1 (STANDARD)

E			
D			
C			
B	17/05/22	TENDER PLAN ISSUE	BW
A	25/03/22	INITIAL PLAN PREPARATION	BW
INDEX	DATE	REVISION	APPD

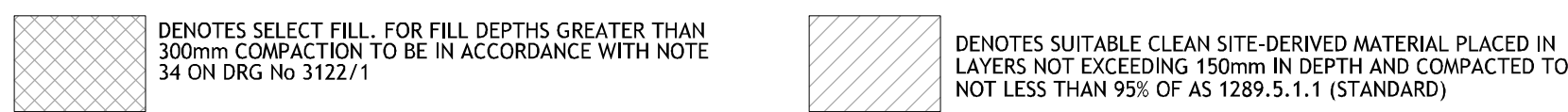
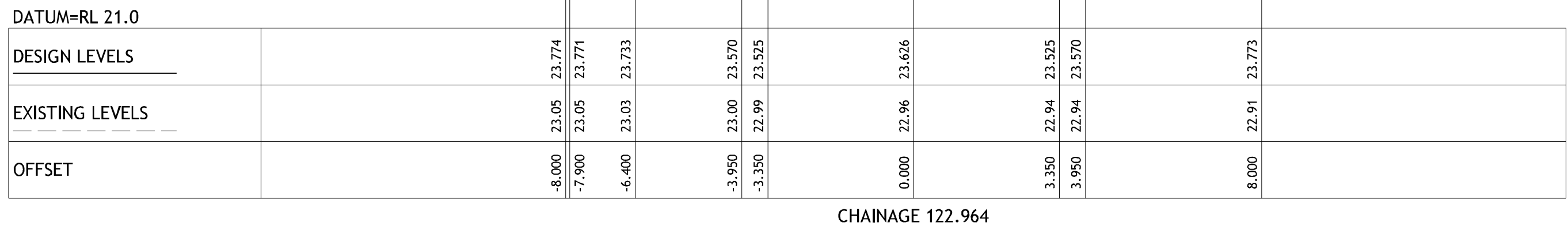
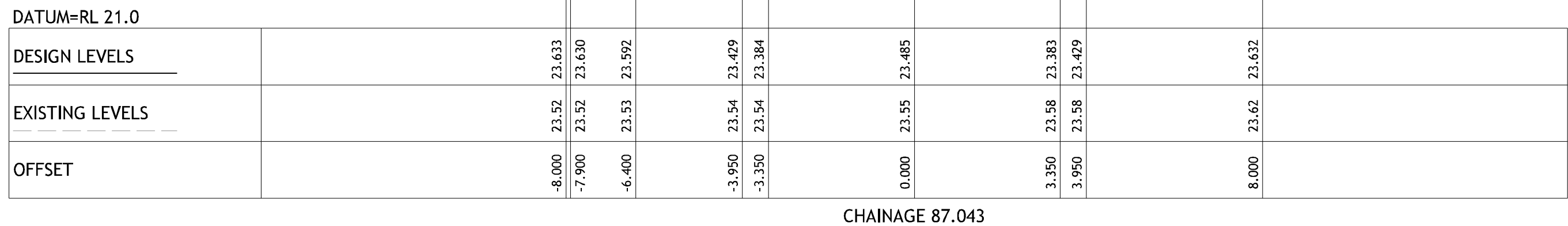
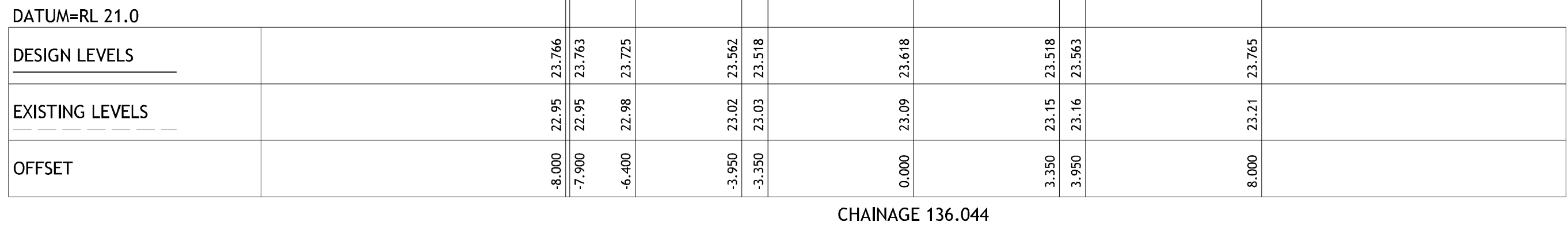
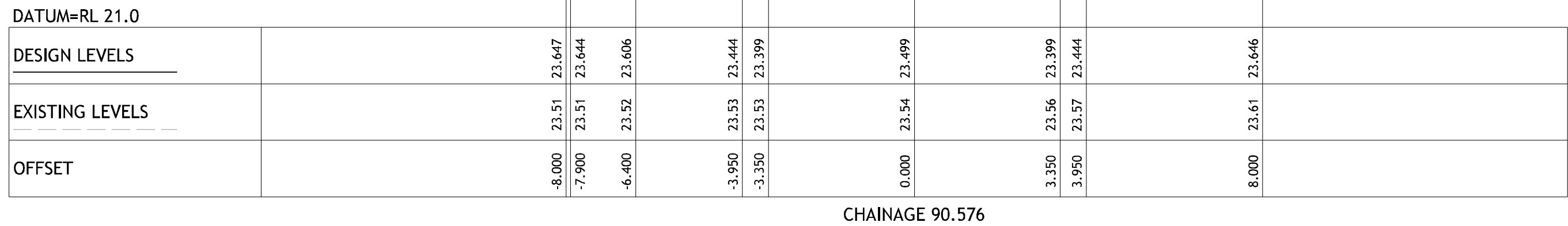
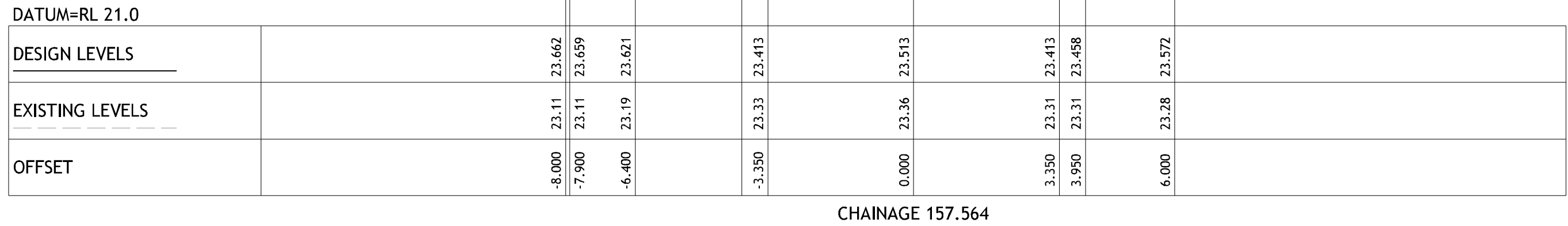
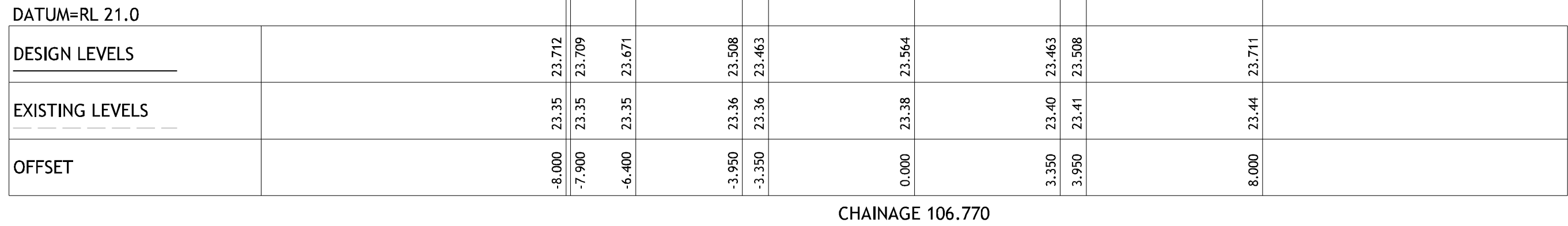


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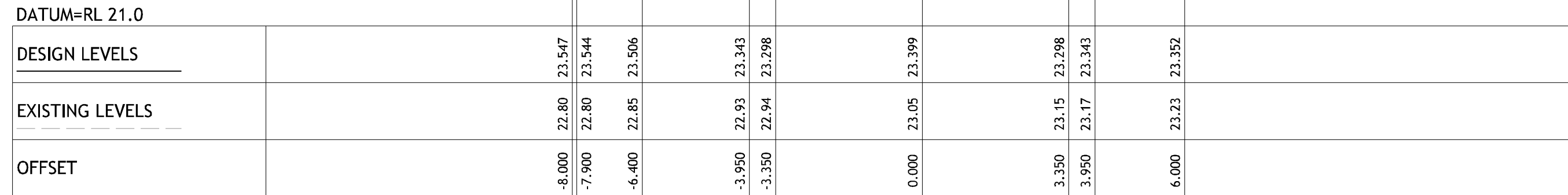
PLAN OF SUBDIVISION:	PS838137Y
SURVEY	NOBELIUS
DESIGN	M.BROSNAN
CHECKED	B.WILSON

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SCHEME	'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6 ROAD 4 CROSS SECTIONS	3301 / 7	B
CLIENT:	THE BOULEVARDE PTY LTD	SHEET 7 OF 21	



E				 BROSAN ENGINEERING SOLUTIONS PTY LTD 48 McBRIDE AVENUE, WONTHAGGI (PO BOX 865 WONTHAGGI VIC 3995) P 03 5672 5777 E info@broseng.com.au	PLAN OF SUBDIVISION: P3638137Y	© COPYRIGHT BROSAN ENGINEERING SOLUTIONS PTY LTD HAS GRANTED A LICENCE TO THE CLIENT TO USE THIS DOCUMENT FOR ITS INTENDED PURPOSE NO UNAUTHORISED COPYING IS PERMITTED	MUNICIPALITY: BASS COAST SHIRE COUNCIL	BES REFERENCE: 1129-6	REV B	
D					SURVEY		NOBELIUS	SCHEME 'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6 ROAD 4 CROSS SECTIONS		3301 / 8
C					DESIGN		M.BROSAN			
B	17/05/22	TENDER PLAN ISSUE	BW		CHECKED		B.WILSON			
A	25/03/22	INITIAL PLAN PREPARATION	BW							
INDEX	DATE	REVISION	APPD							



DATUM=RL 21.0										
DESIGN LEVELS				23.379	23.376	23.338			23.231	
EXISTING LEVELS			22.99	22.99	22.96		22.86	22.84	22.70	
OFFSET		-8.000	-7.900	-6.400	-3.950	-3.350	0.000	3.350	3.950	6.000

DATUM=RL 21.0							
DESIGN LEVELS							
	-8.000	22.82	23.552	23.590	23.512		
EXISTING LEVELS							
	-7.900	22.82	23.590	23.512	23.512		
OFFSET							
	-6.400	22.88	23.512	23.512	23.512		
	-3.950	22.95	23.549	23.504	23.504		
	-3.350	22.97	23.504	23.504	23.504		
	0.000	23.08	23.405	23.405	23.405		
	3.350	23.18	23.504	23.504	23.504		
	3.950	23.20	23.549	23.549	23.549		
	6.000	23.23	23.554	23.554	23.554		

[illegible]

The diagram illustrates the cross-section of a road reserve, which is 14m wide. The components and their widths from left to right are:

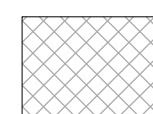
- PROPERTY BOUNDARY** (vertical line)
- F/PATH**: 1.5m
- NATURE STRIP**: 2.45m
- KERB**: 0.6m
- PAVEMENT**: 6.70m
- KERB**: 0.6m
- N/STRIP**: 2.05m
- RESERVE BOUNDARY** (vertical line)

The diagram also shows the following slopes and features:

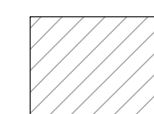
- Slopes**: 1:40 on the left, 1:15 on the left side of the pavement, 1:33 on the pavement surface, 1:33 on the right side of the pavement, and 1:20 on the right.
- Drainage**: A central drainage ditch is shown within the pavement area.
- Ground Level**: The ground level is indicated by a dashed line.
- Subgrade**: The subgrade is indicated by a solid line.

[illegible][illegible]

ROAD 4
SCALE 1:100 (H), 1:50 (V) (A1)

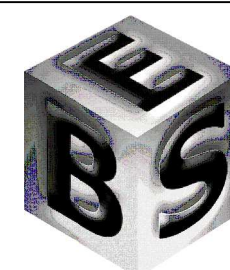


 DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE 34 ON DRG No 3122/1



 DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTED TO NOT LESS THAN 95% OF AS 1289.5.1.1 (STANDARD)

E			
D			
C			
B	17/05/22	TENDER PLAN ISSUE	BW
A	25/03/22	INITIAL PLAN PREPARATION	BW
INDEX	DATE	REVISION	APPD

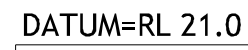
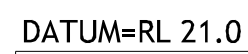
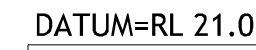
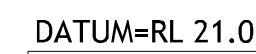
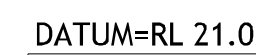


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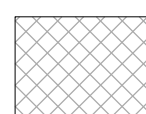
PLAN OF SUBDIVISION: PS838137Y	
SURVEY	NOBELIUS
DESIGN	M.BROSNAME
CHECKED	B. WILSON

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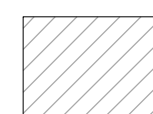
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SCHEME	'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6 ROAD 4 CROSS SECTIONS	3301/ 9	B
CLIENT:	THE BOULEVARDE PTY LTD	SHEET 9 OF 21	

CHAINAGE 269.105CHAINAGE 255.105CHAINAGE 241.105CHAINAGE 313.105CHAINAGE 299.105CHAINAGE 283.105

ROAD 4
SCALE 1:100 (H), 1:50 (V) (A1)



DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN
 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE
 34 ON DRG No 3122/1



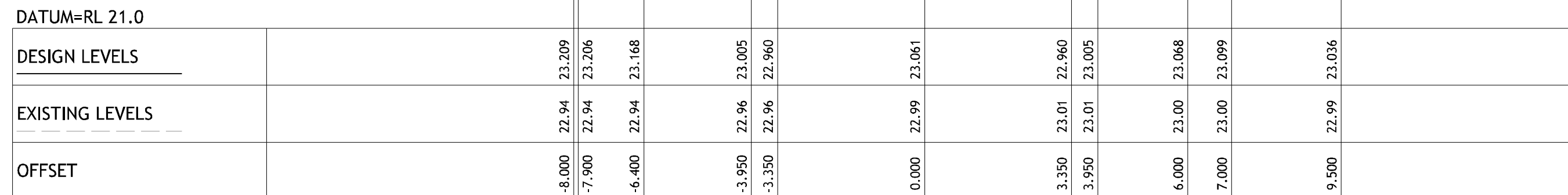
 DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTED TO NOT LESS THAN 95% OF AS 1289.5.1.1 (STANDARD)



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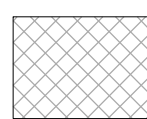
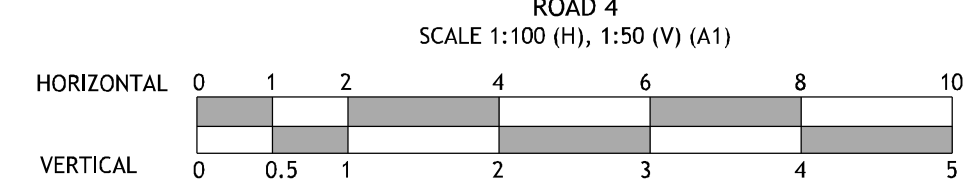
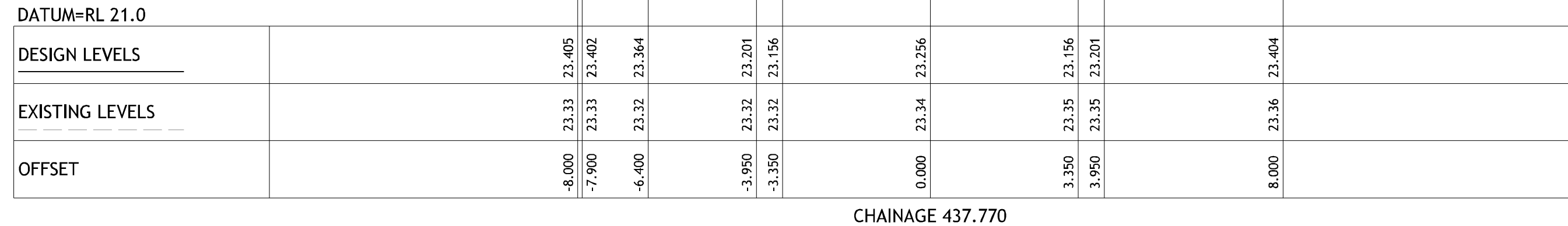
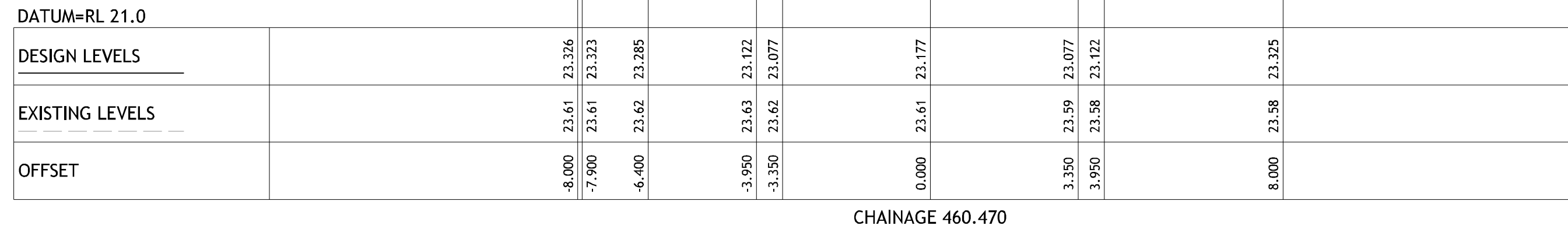
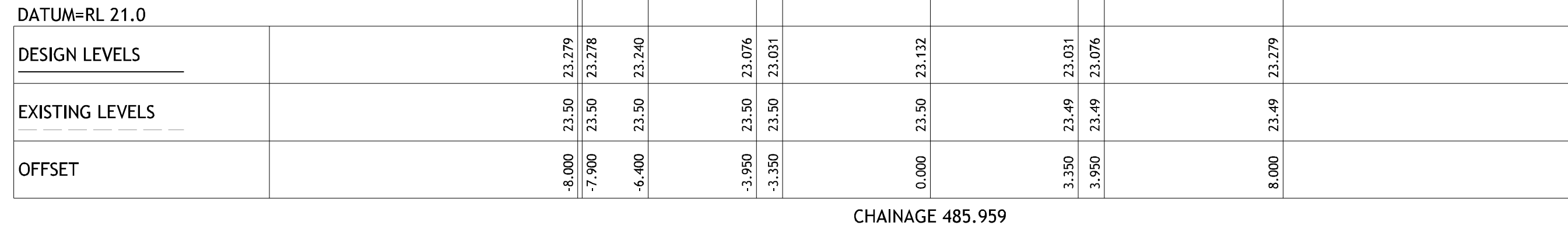
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SCHEME	'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6 ROAD 4 CROSS SECTIONS	3301/ 10	B
CLIENT:	THE BOULEVARDE PTY LTD	SHEET 10 OF 21	

[illegible][illegible][illegible]

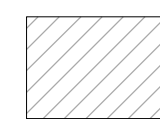
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EXISTING LEVELS					
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		-3.350	22.95	23.068	
OFFSET		0.000	22.95	23.169	
		3.350	22.96	23.068	
		3.950	22.97	23.113	
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		7.000	23.00	23.042	
		9.500	23.02	22.982	

[illegible]

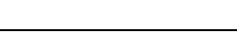
SHEET 11 OF 21

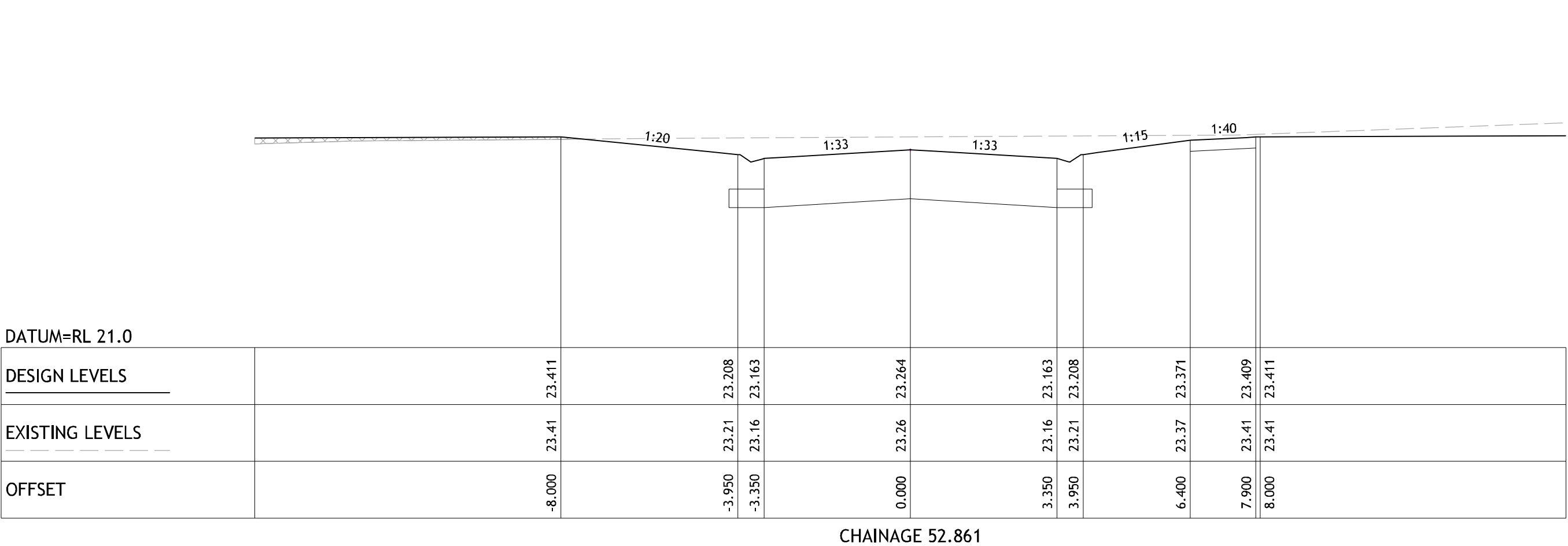
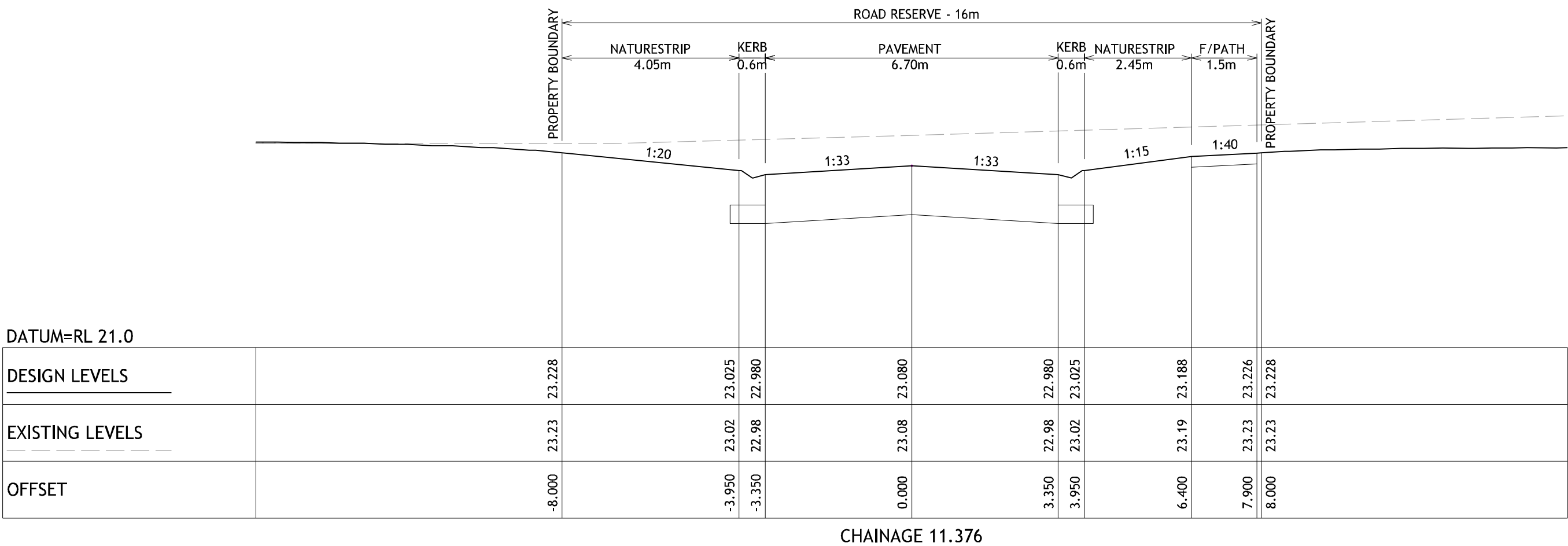
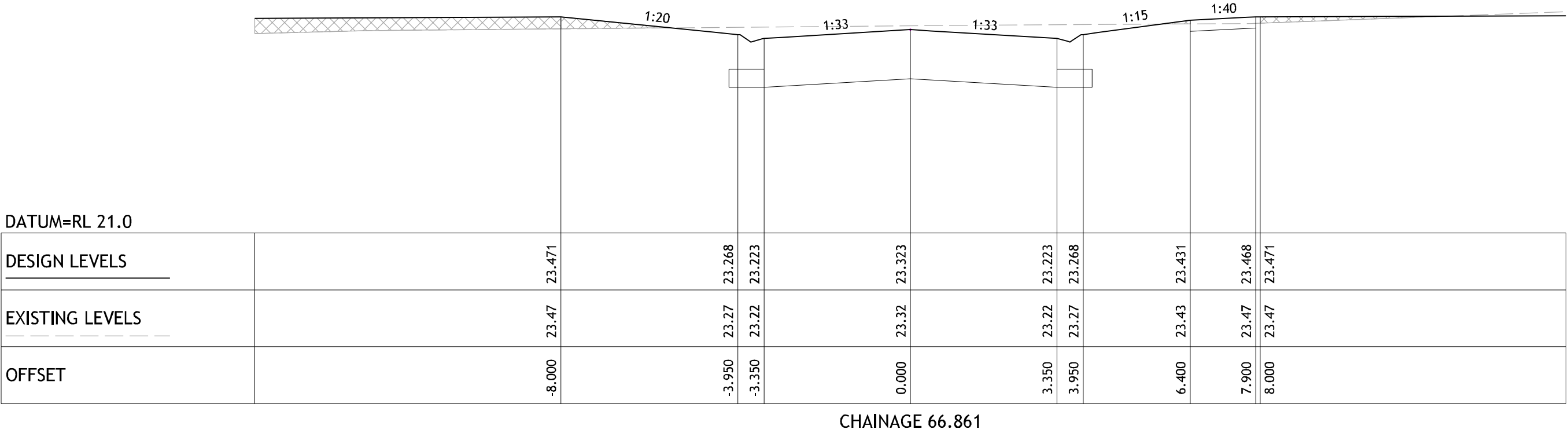
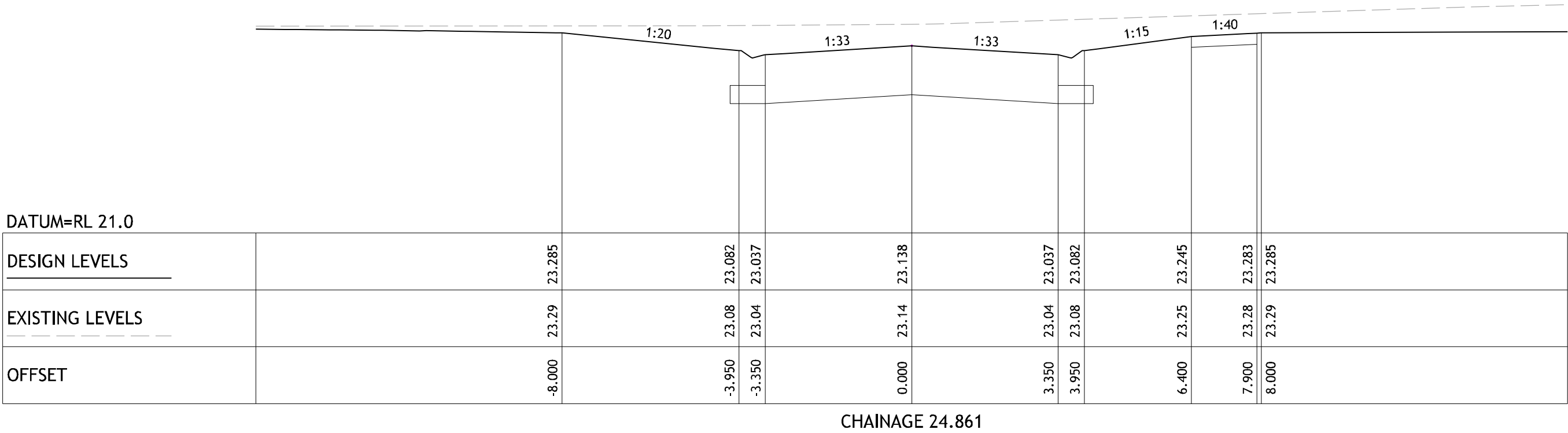
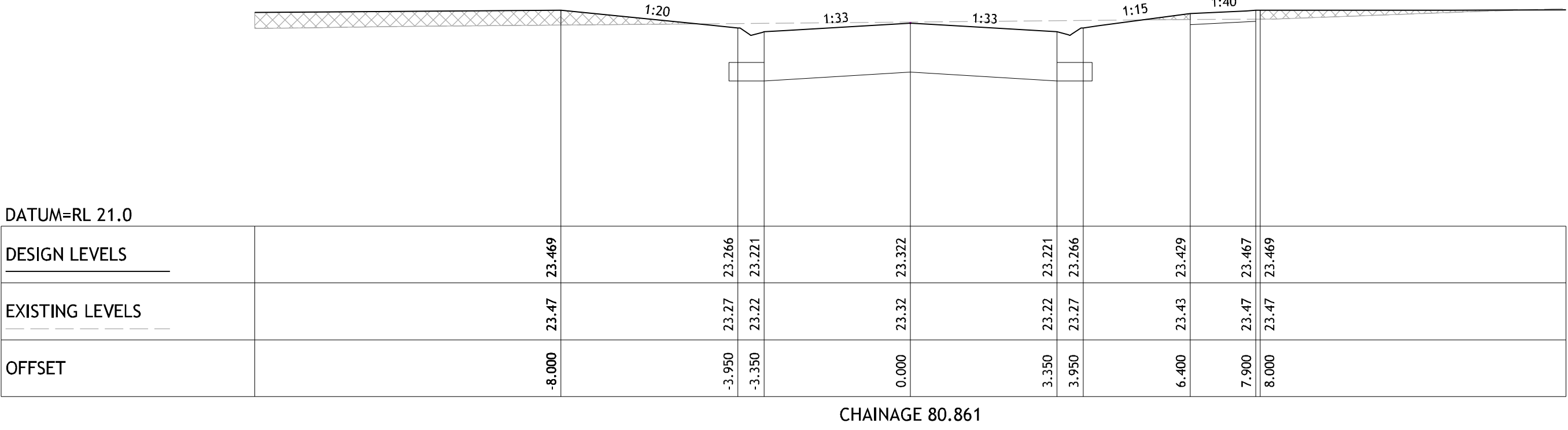
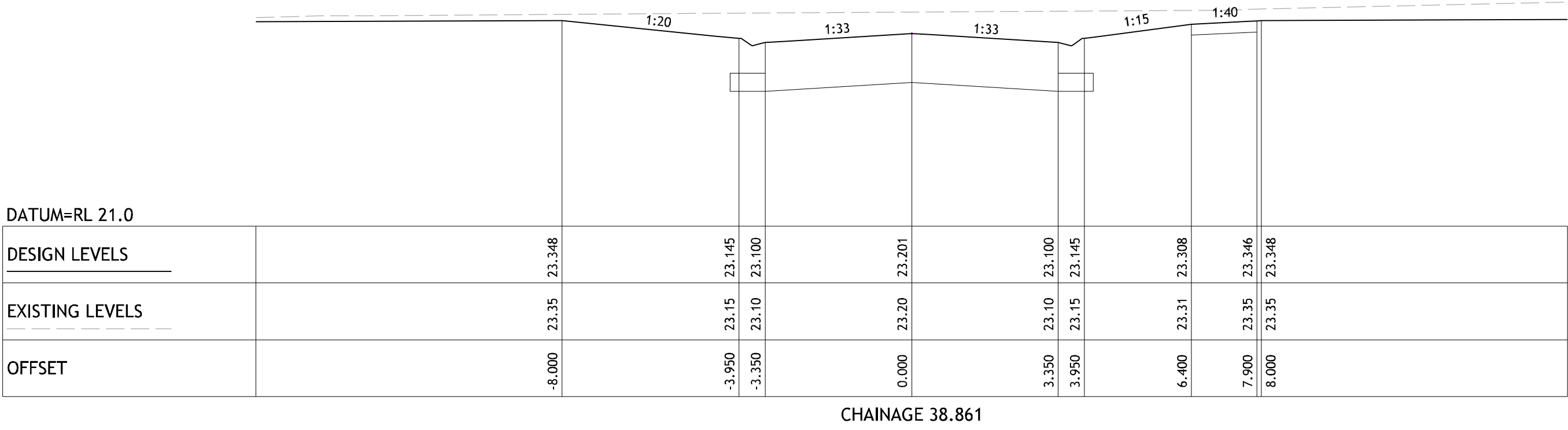


DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE 34 ON DRG No 3122/1



DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTED TO NOT LESS THAN 95% OF AS 1289.5.1.1 (STANDARD)

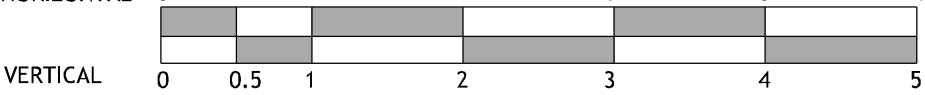
E						 BROSNAN ENGINEERING SOLUTIONS PTY LTD 48 MCBRIDE AVENUE, WONTHAGGI (PO BOX 865 WONTHAGGI VIC 3995) P 03 5672 5777 E info@broseng.com.au	PLAN OF SUBDIVISION: P5838137Y	© COPYRIGHT BROSNAN ENGINEERING SOLUTIONS PTY LTD HAS GRANTED A LICENCE TO THE CLIENT TO USE THIS DOCUMENT FOR ITS INTENDED PURPOSE. NO UNAUTHORISED COPYING IS PERMITTED	MUNICIPALITY:	BASS COAST SHIRE COUNCIL	BES REFERENCE: 1129-6	REV B	
D							SURVEY		NOBELIUS	SCHEME 'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6 ROAD 4 CROSS SECTIONS	3301/ 12		
C							DESIGN		M.BROSNAN				
B	17/05/22	TENDER PLAN ISSUE		BW			CHECKED		B.WILSON				CLIENT:
A	25/03/22	INITIAL PLAN PREPARATION		BW									
INDEX	DATE	REVISION			APPD								



CROSS SECTIONS

ROAD 5

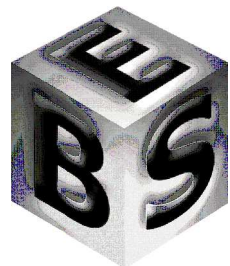
SCALE 1:100 (H), 1:50 (V) (A1)



DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE 34 ON DRG No 3122/1

DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTED TO NOT LESS THAN 95% OF AS 1289.5.1.1 (STANDARD)

E			
D			
C			
B	17/05/22	TENDER PLAN ISSUE	BW
A	25/03/22	INITIAL PLAN PREPARATION	BW
INDEX	DATE	REVISION	APPD



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SCHEME

'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6
ROAD 5 CROSS SECTIONS

CLIENT:

THE BOULEVARDE PTY LTD

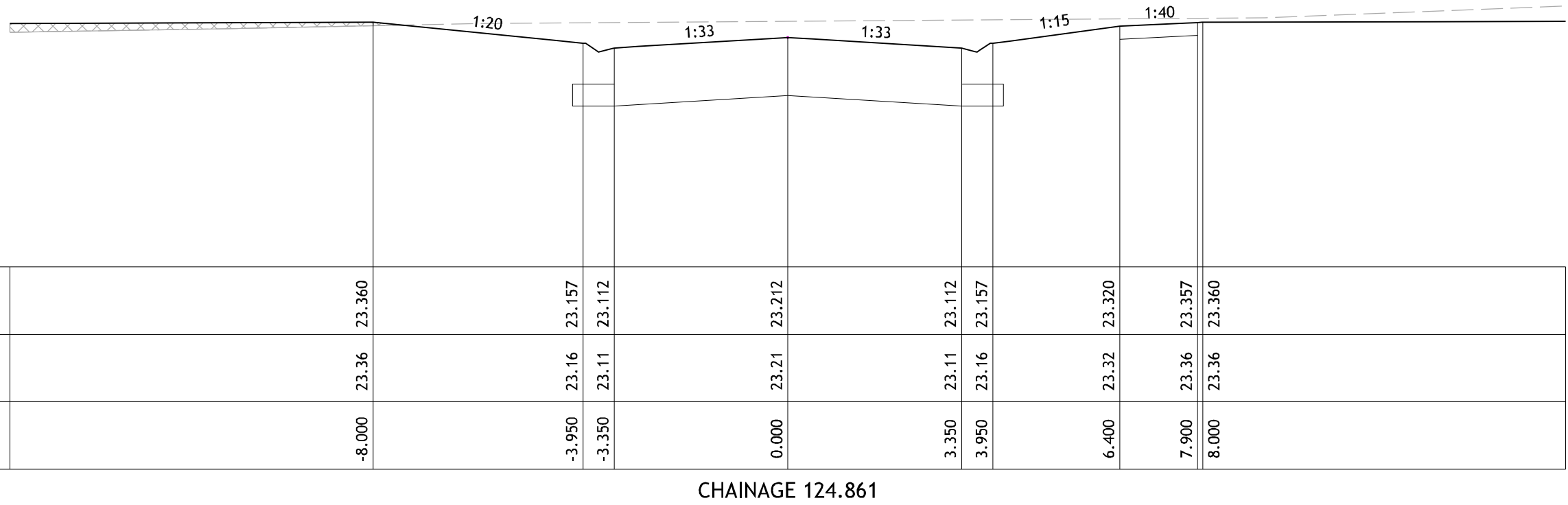
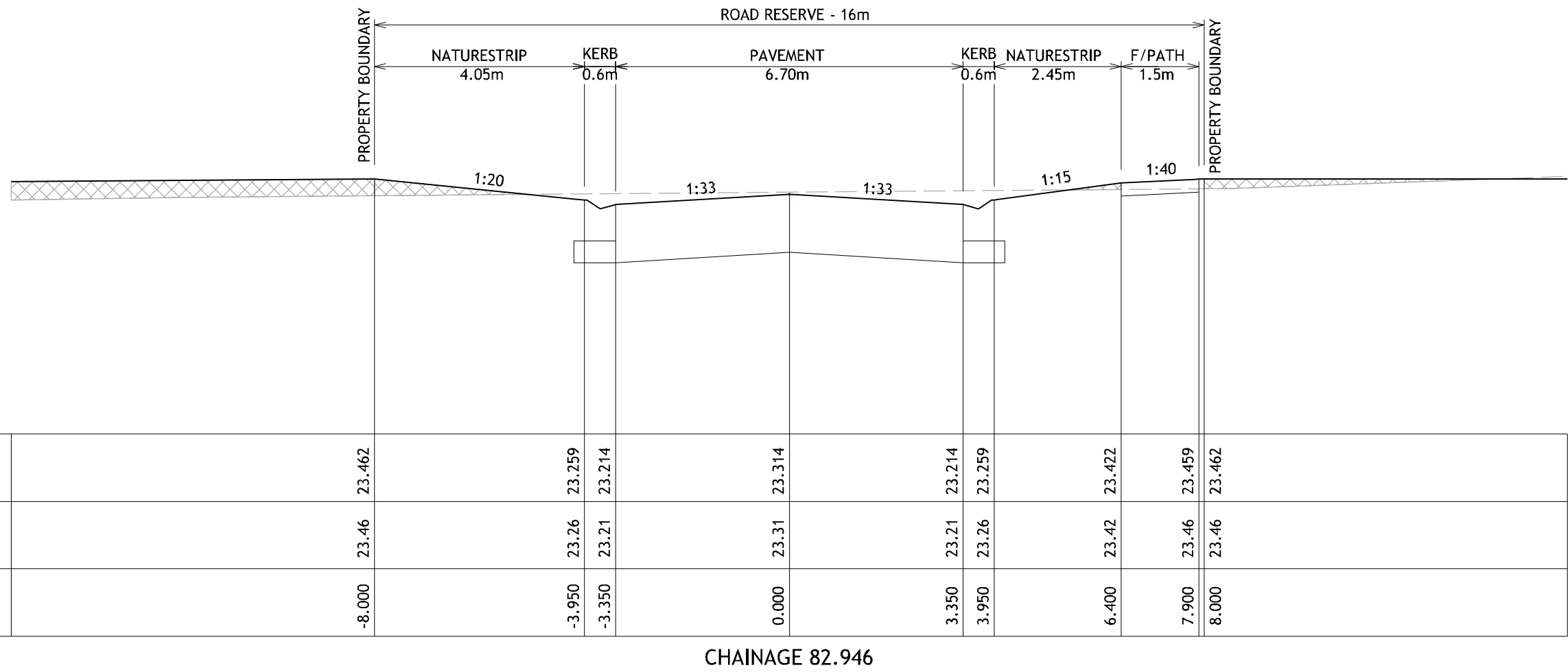
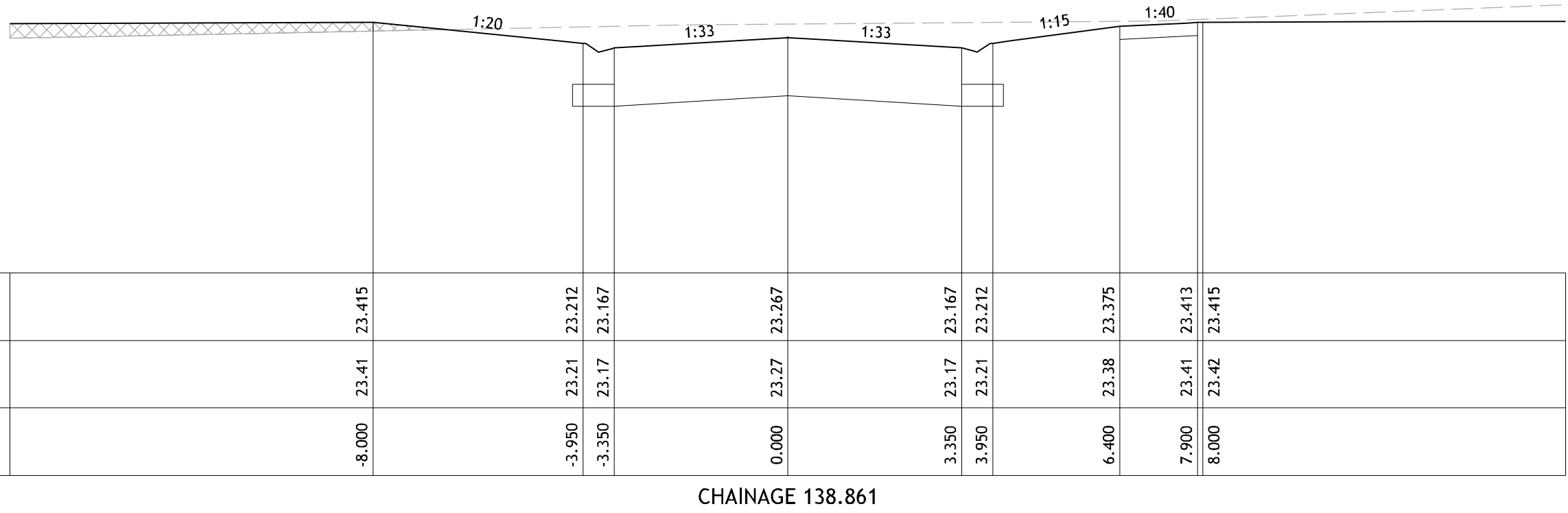
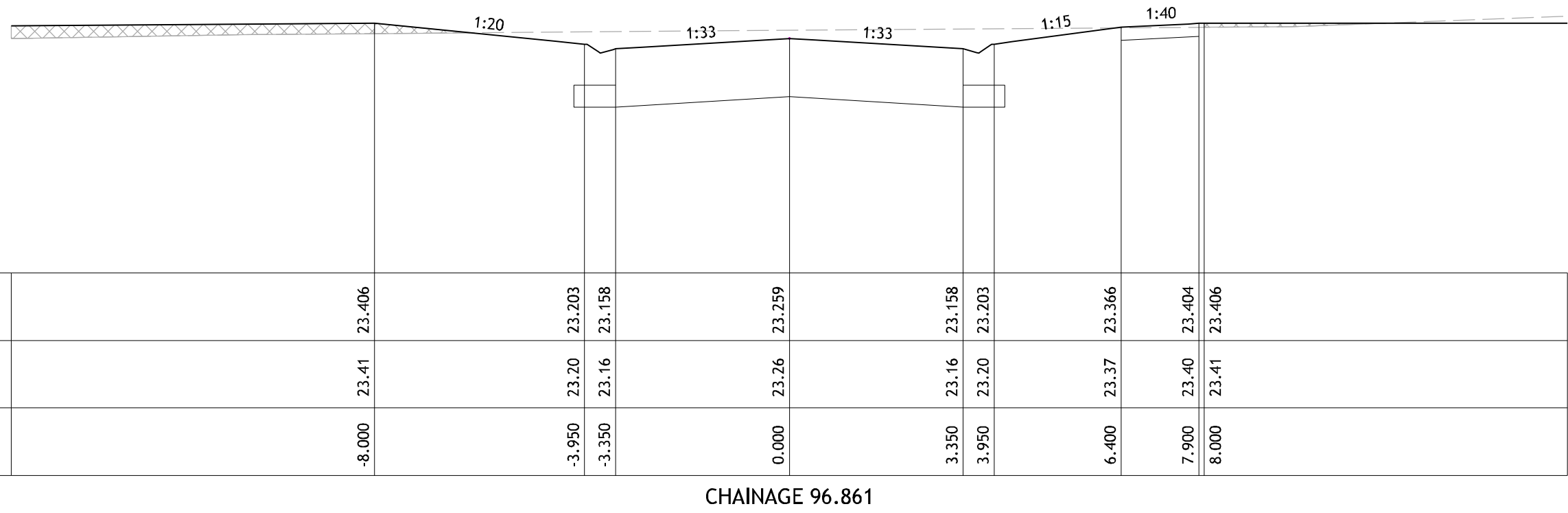
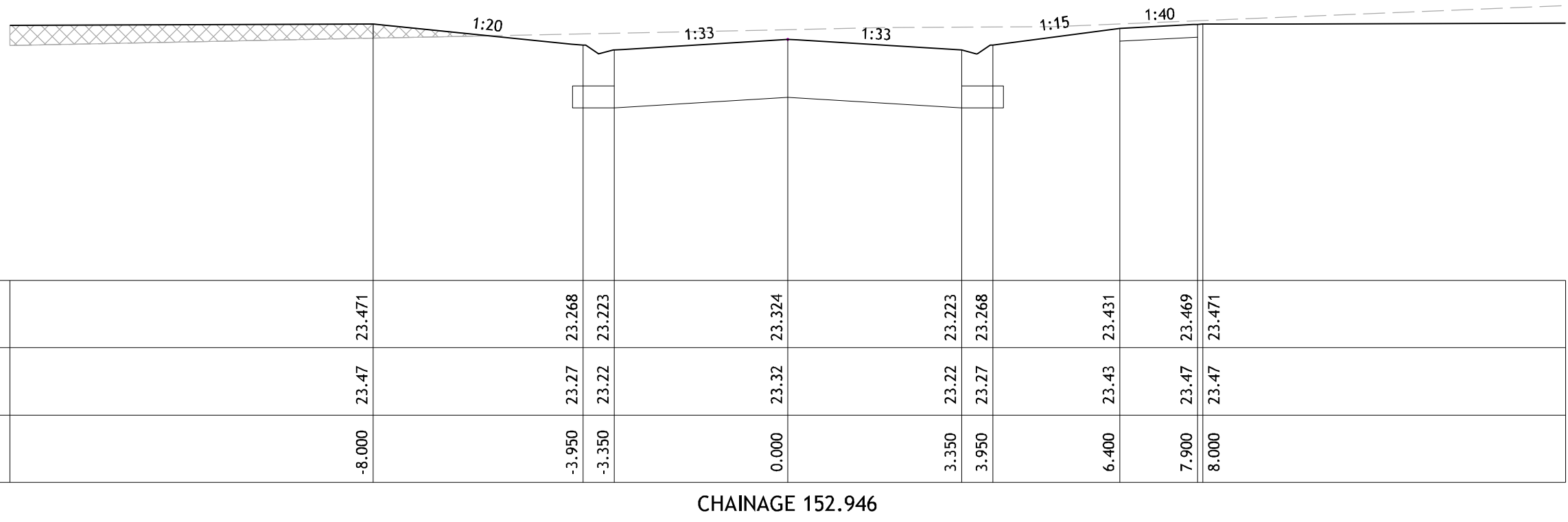
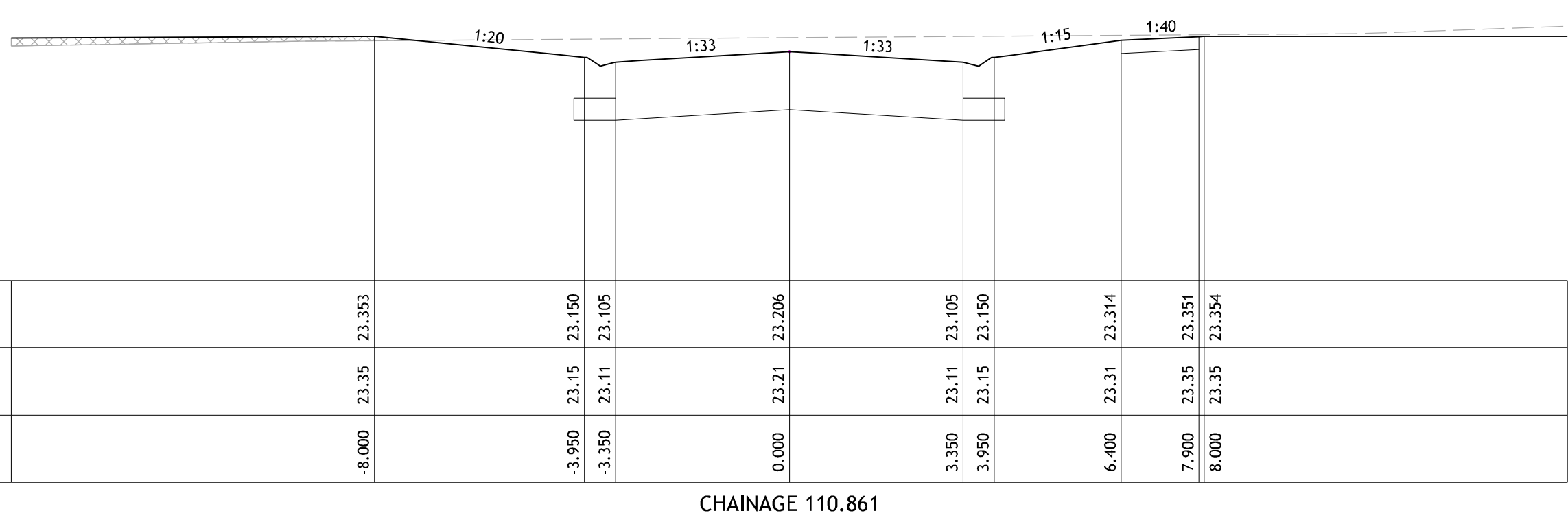
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3301/ 13

SHEET 13 OF 21

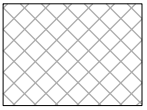
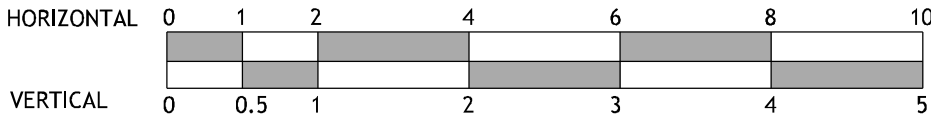
REV

B

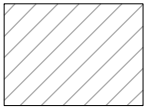


CROSS SECTIONS

ROAD 5
SCALE 1:100 (H), 1:50 (V) (A1)

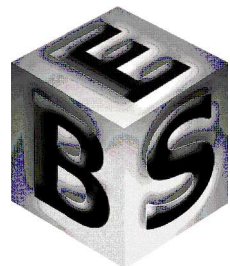


DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE 34 ON DRG No 3122/1



DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTION TO NOT LESS THAN 95% OF A5 1289.5.1.1 (STANDARD)

E			
D			
C			
B	17/05/22	TENDER PLAN ISSUE	BW
A	25/03/22	INITIAL PLAN PREPARATION	BW
INDEX	DATE	REVISION	APPD



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PLAN OF SUBDIVISION:	PS838137Y
SURVEY	NOBELIUS
DESIGN	M.BROSAN
CHECKED	B.WILSON

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SCHEME

'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6
ROAD 5 CROSS SECTIONS

CLIENT:

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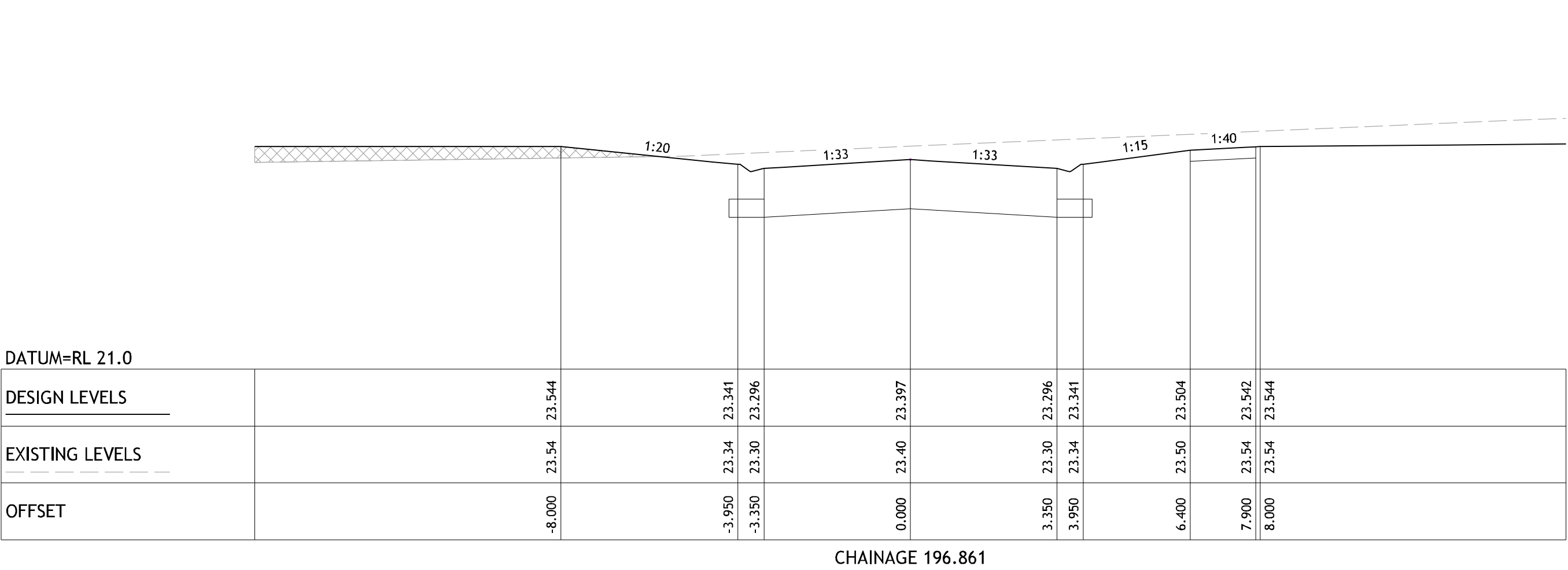
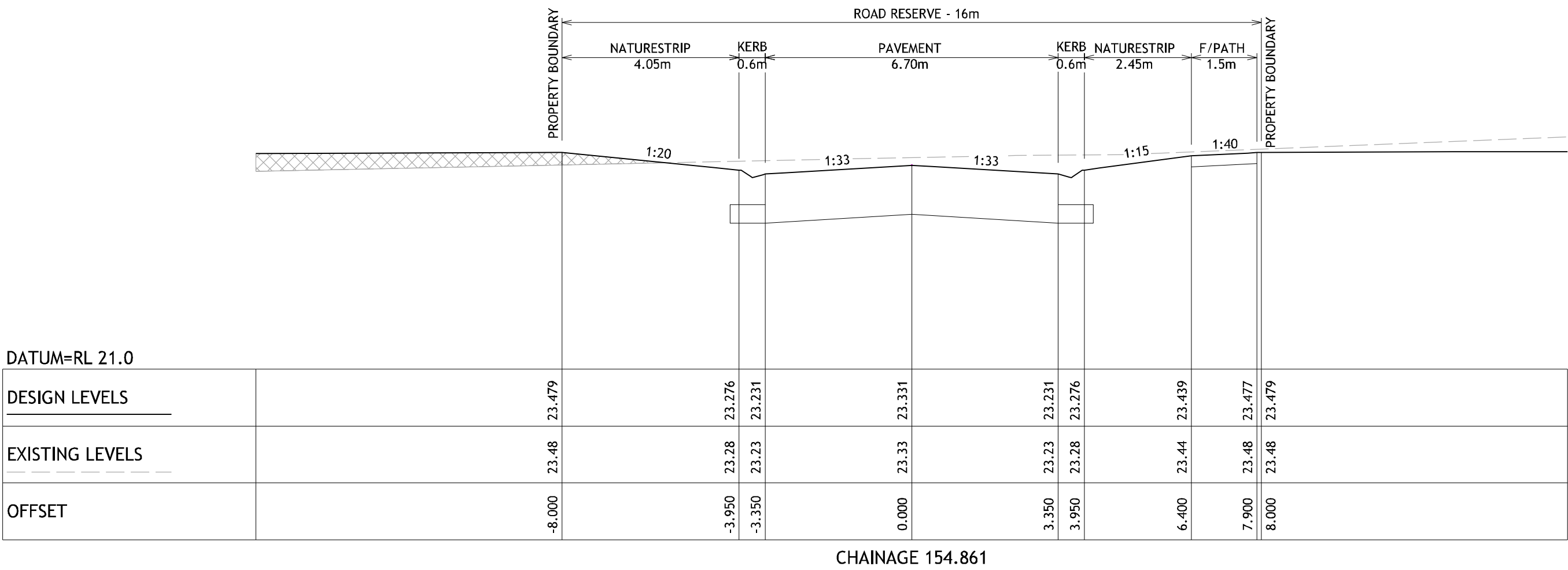
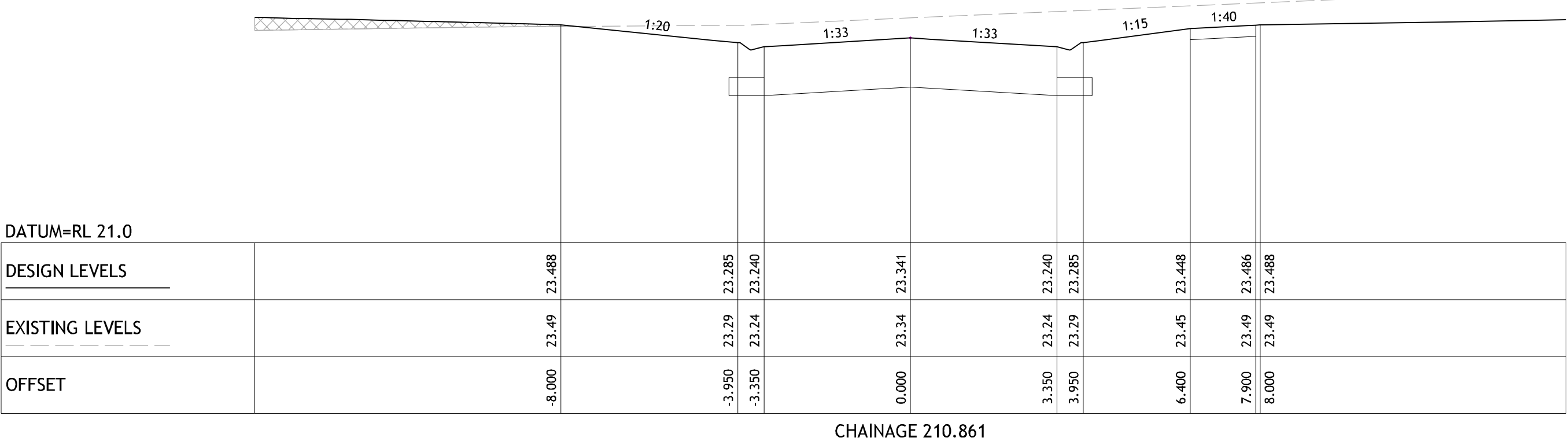
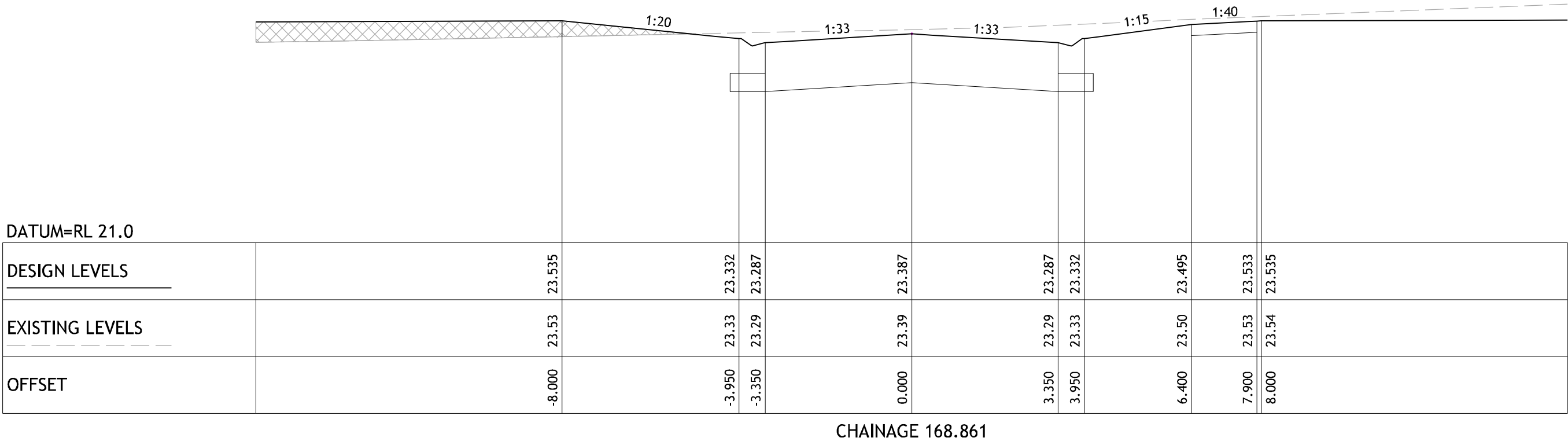
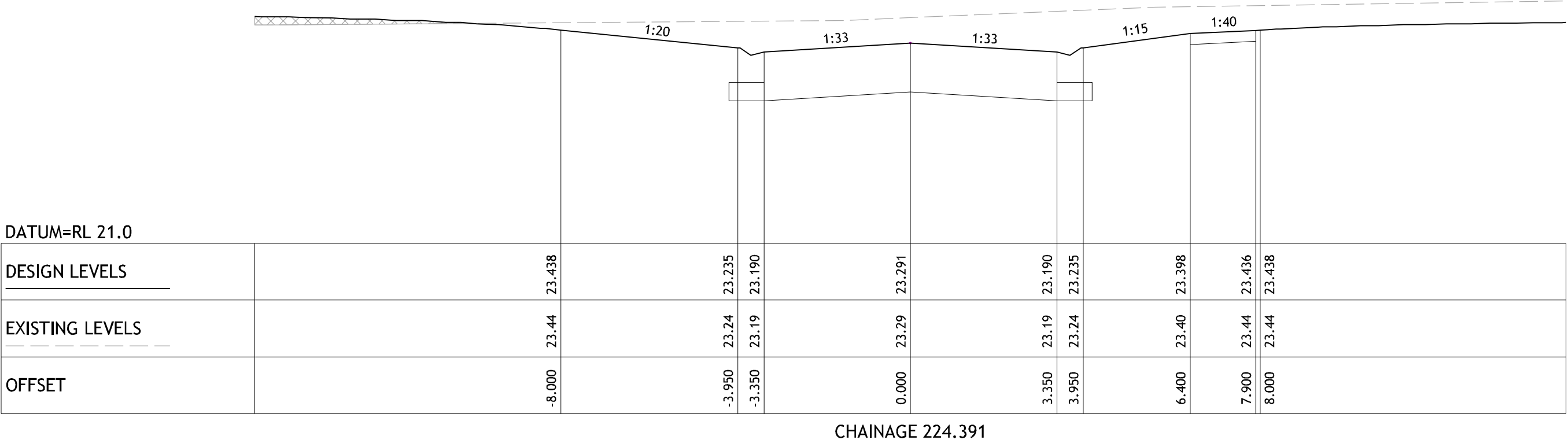
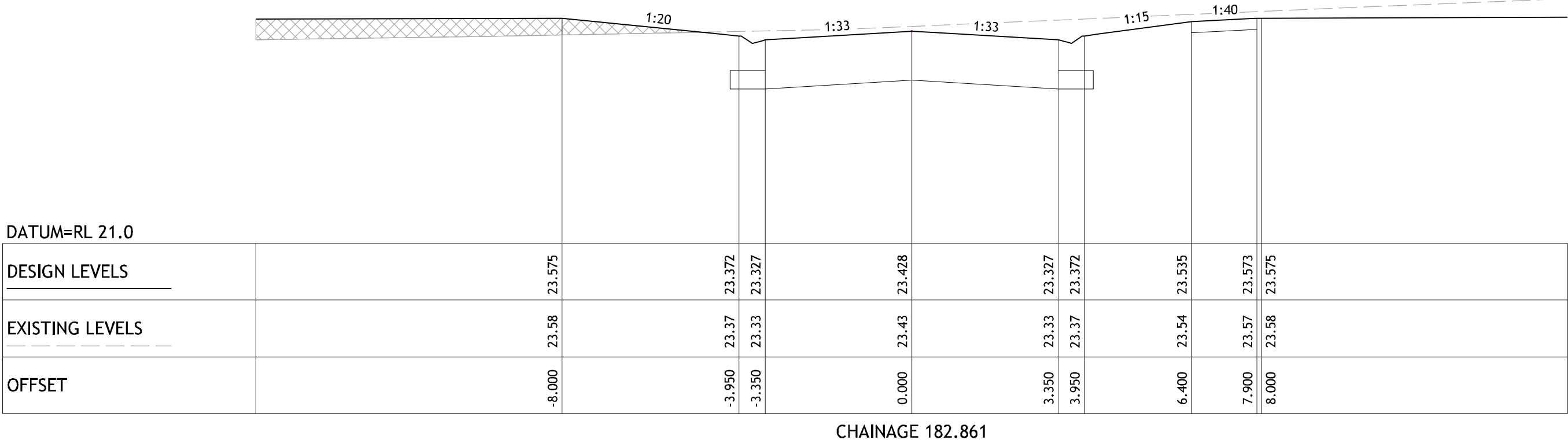
BES REFERENCE: 1129-6

3301/ 14

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REV

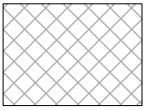
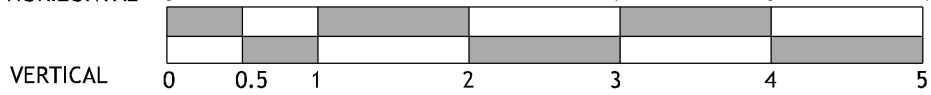
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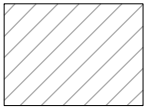
CROSS SECTIONS

ROAD 5

SCALE 1:100 (H), 1:50 (V) (A1)

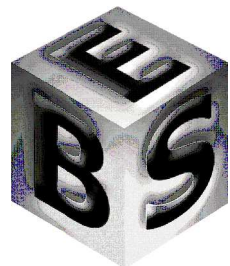


DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION TO BE IN ACCORDANCE WITH NOTE 34 ON DRG No 3122/1



DENOTES SUITABLE CLEAN SITE-DERIVED MATERIAL PLACED IN LAYERS NOT EXCEEDING 150mm IN DEPTH AND COMPACTION TO NOT LESS THAN 95% OF A5 1289.5.1.1 (STANDARD)

E			
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B	17/05/22	TENDER PLAN ISSUE	BW
A	25/03/22	INITIAL PLAN PREPARATION	BW
INDEX	DATE	REVISION	APPD



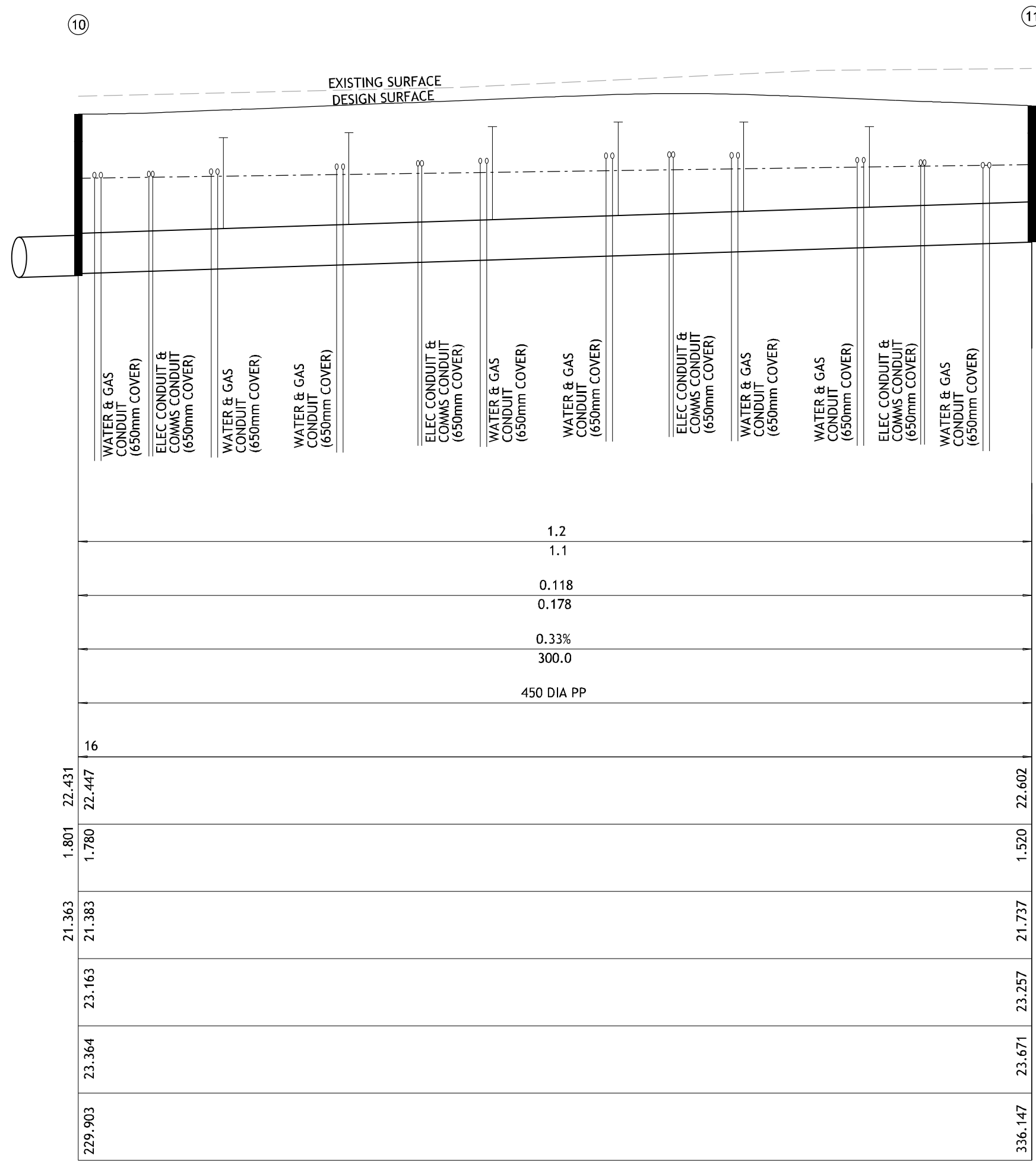
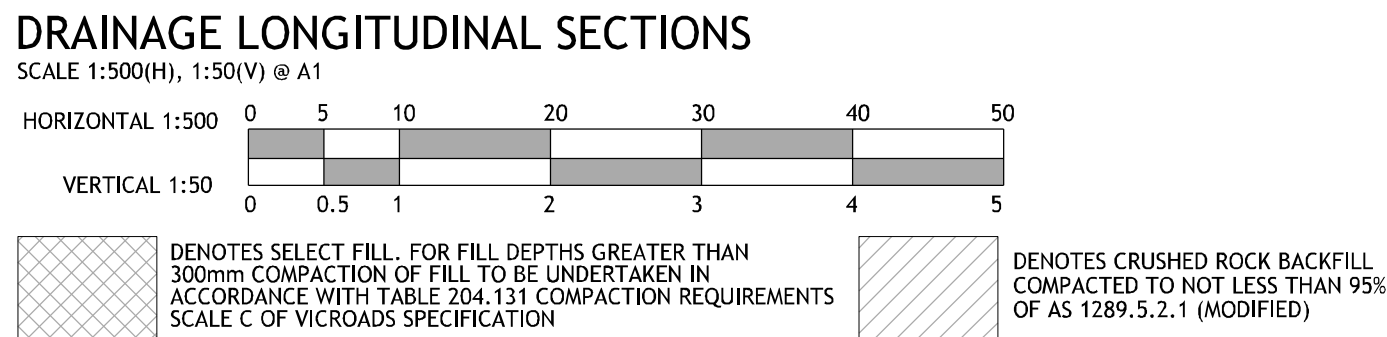
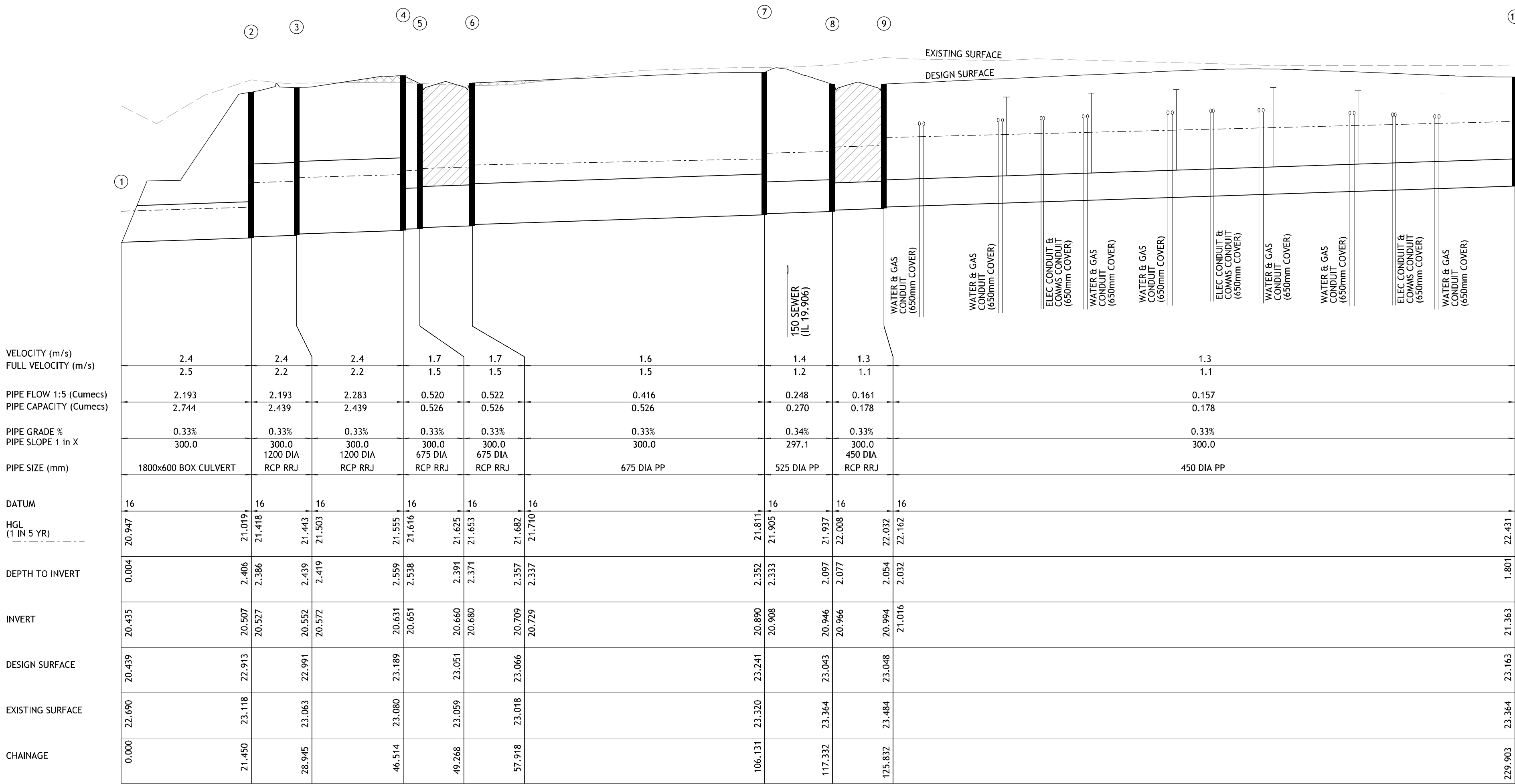
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P 03 5672 5777 E info@broseng.com.au

PLAN OF SUBDIVISION:	PS838137Y
SURVEY	NOBELIUS
DESIGN	M.BROSAN
CHECKED	B.WILSON

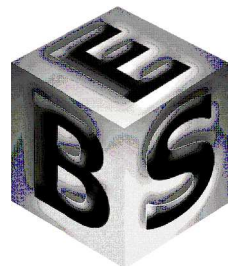
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CLIENT:	THE BOULEVARDE PTY LTD	SHEET 15 OF 21

REV
B



E			
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B	17/05/22	TENDER PLAN ISSUE	BW
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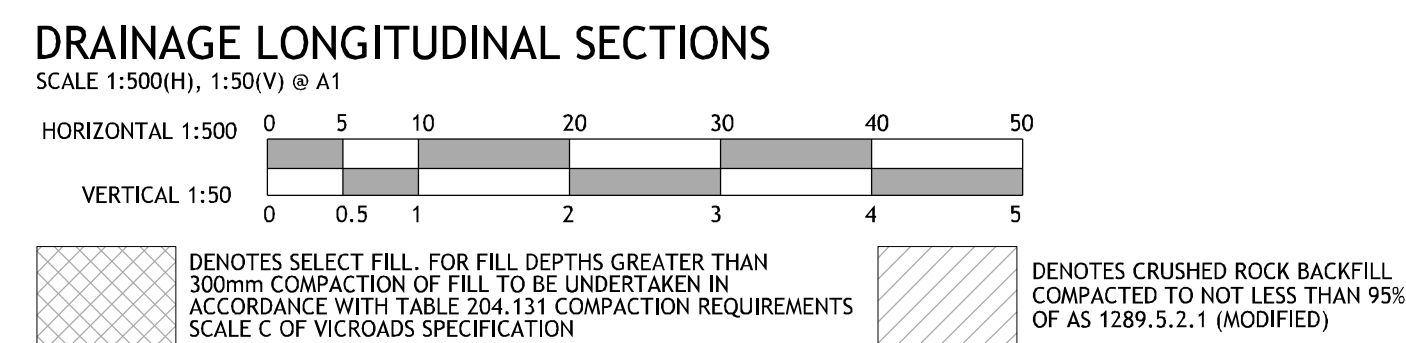
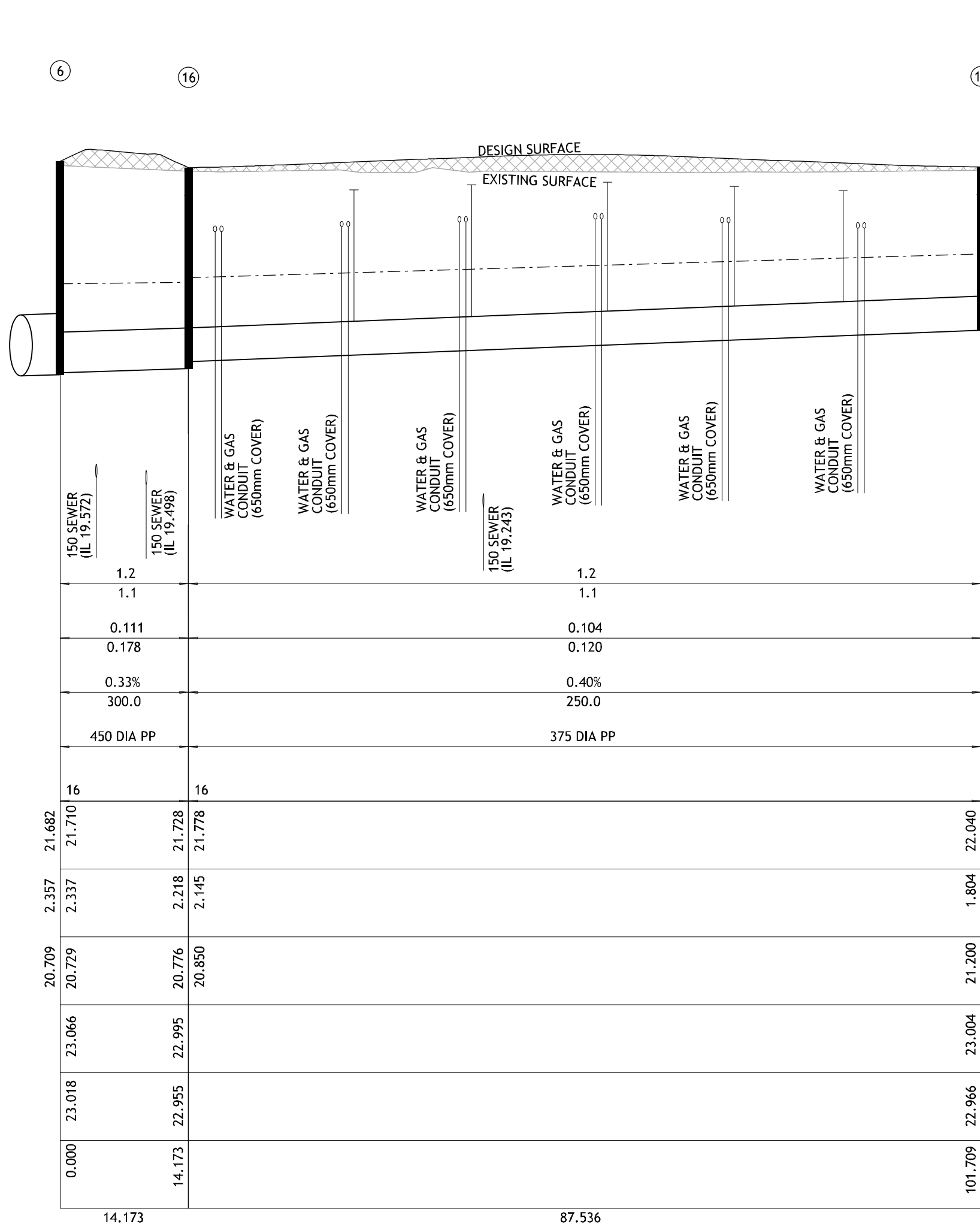


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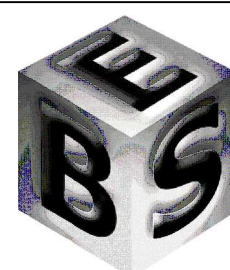
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B	17/05/22	TENDER PLAN ISSUE	BW
A	25/03/22	INITIAL PLAN PREPARATION	BW
INDEX	DATE	REVISION	APPD

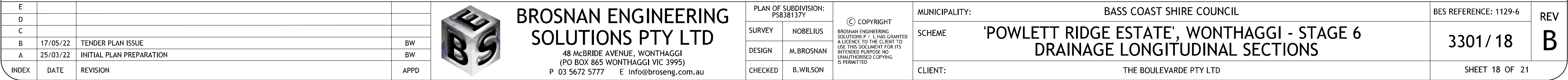


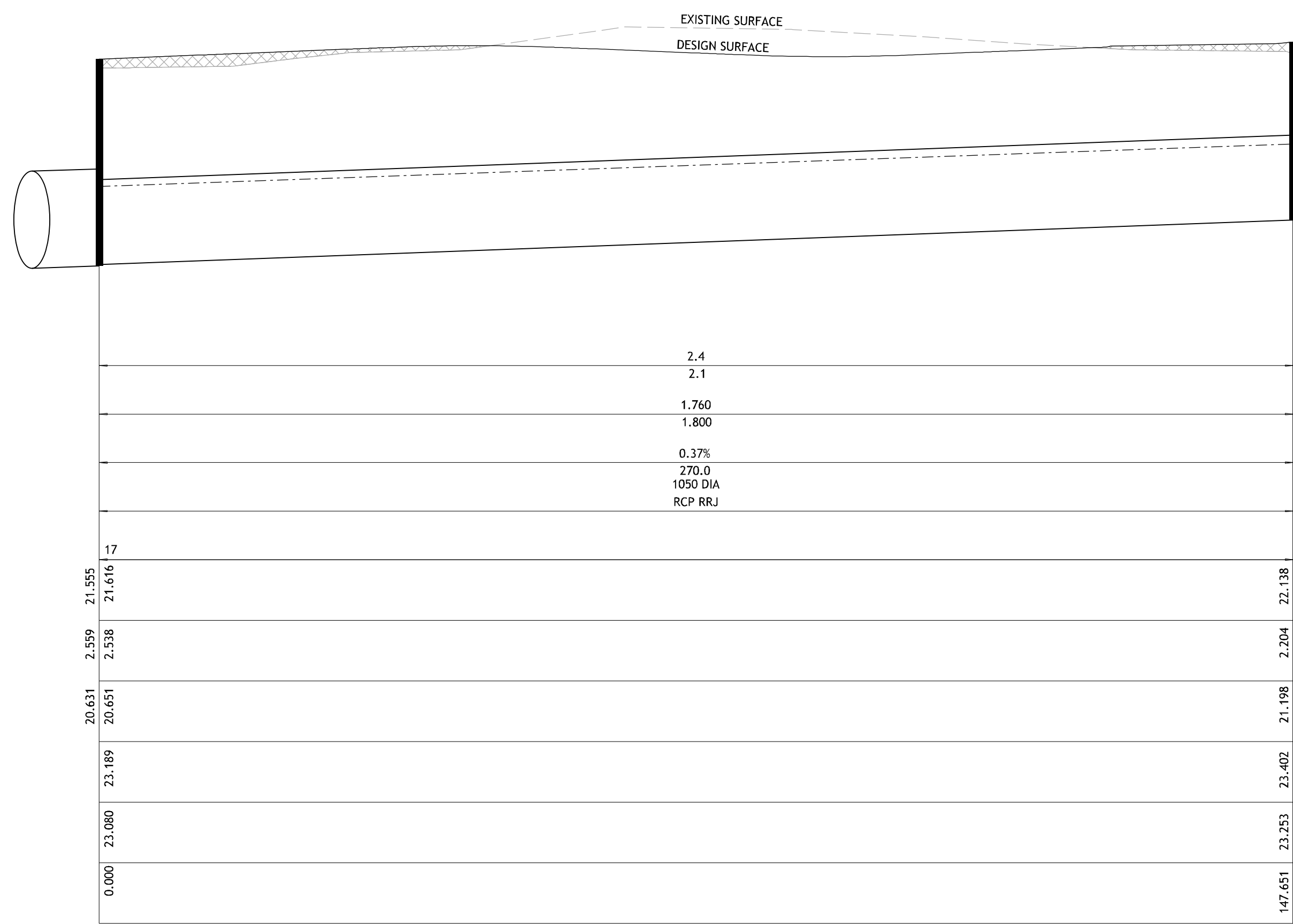
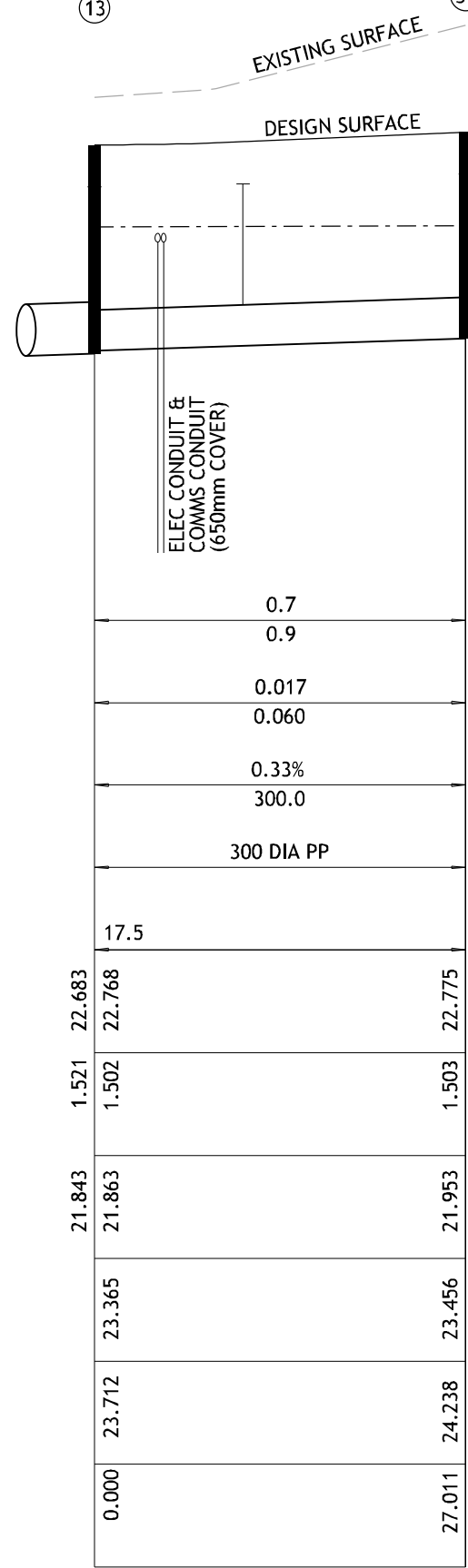
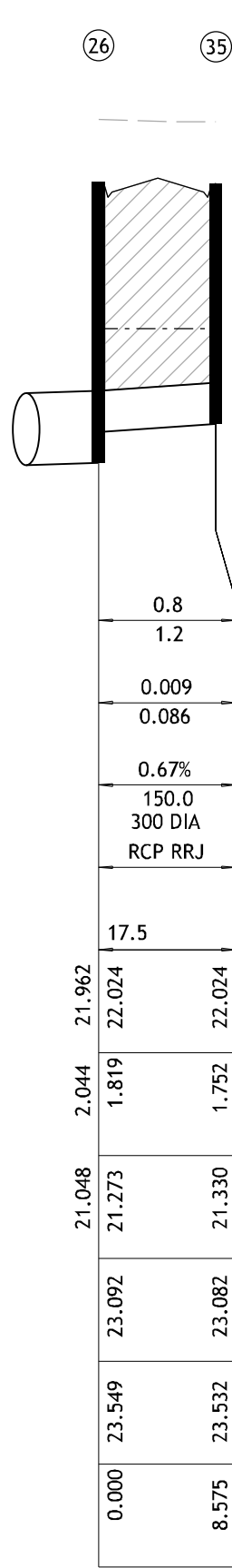
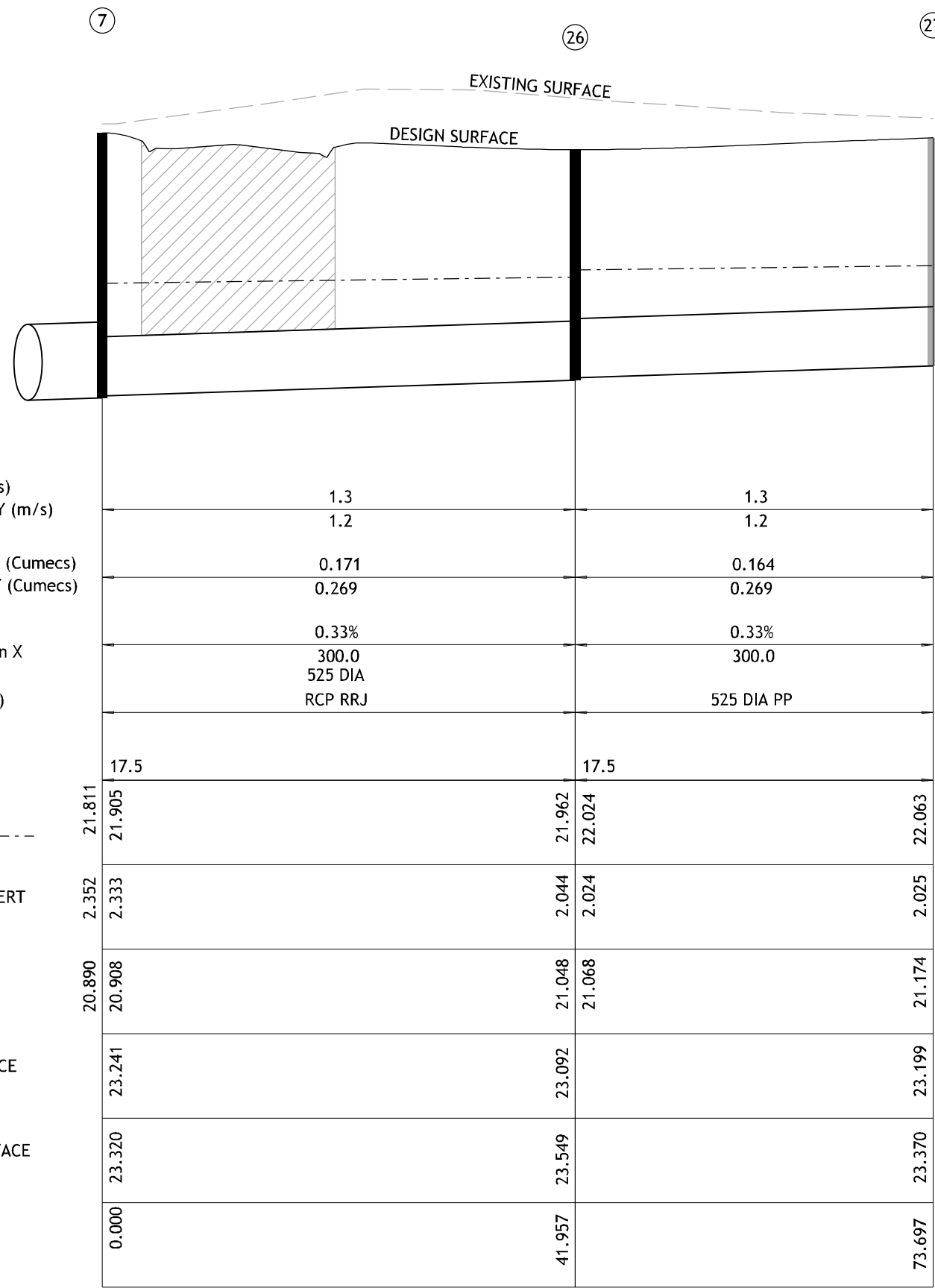
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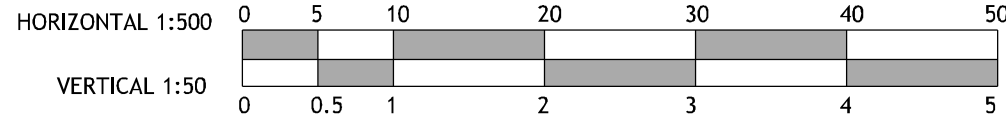
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DRAINAGE LONGITUDINAL SECTIONS

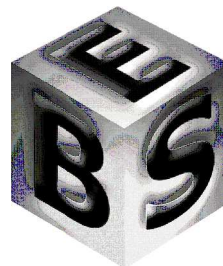
SCALE 1:500(H), 1:50(V) @ A1



DENOTES SELECT FILL. FOR FILL DEPTHS GREATER THAN 300mm COMPACTION OF FILL TO BE UNDERTAKEN IN ACCORDANCE WITH TABLE 204.131 COMPACTION REQUIREMENTS SCALE C OF VICROADS SPECIFICATION

DENOTES CRUSHED ROCK BACKFILL COMPACTED TO NOT LESS THAN 95% OF AS 1289.5.2.1 (MODIFIED)

E			
D			
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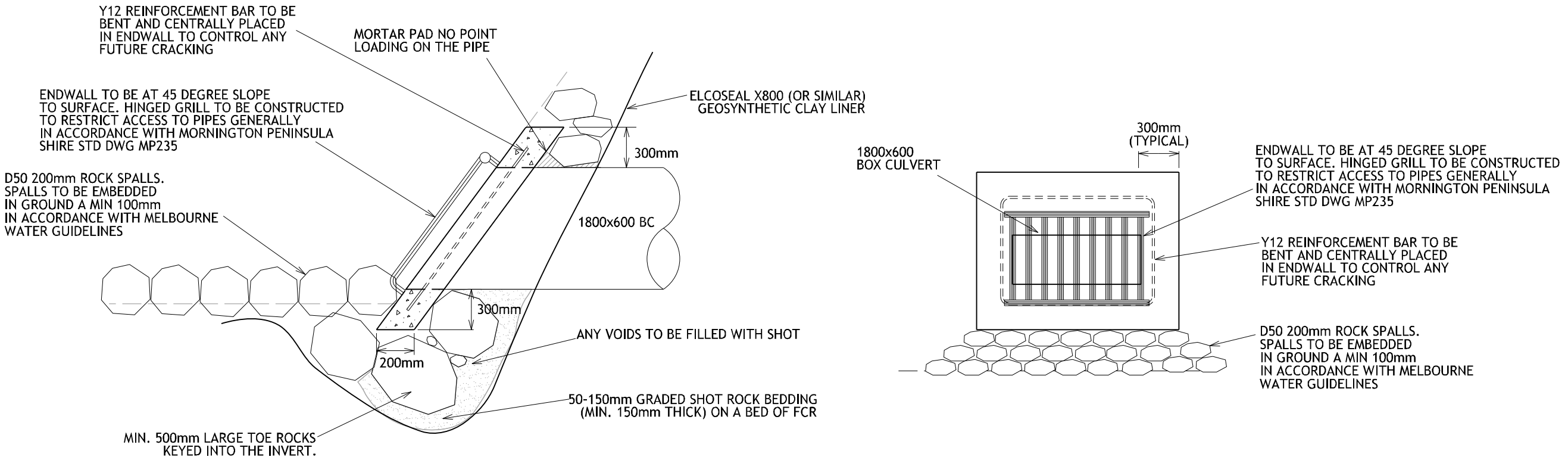
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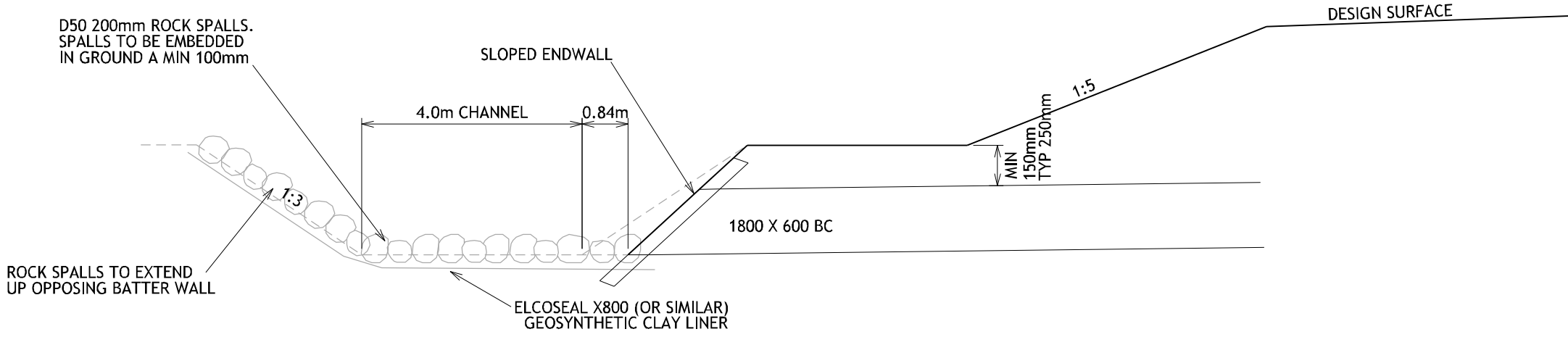
PIT SCHEDULE

NODE NAME	DIMENSIONS		PIT TYPE	DIMENSIONS		INLET		OUTLET		COVER LEVEL	DEPTH	COMMENTS
	EASTING	NORTHING		WIDTH	LENGTH	DIA	IL	DIA	IL			
1	378973.932	5726375.689	EW	-	-	1800x600 BC	20.435			20.439	0.004	REFER DETAIL
2	378956.930	5726362.610	JP	900 H2100	900	1200	20.527	1800x600 BC	20.507	22.913	2.406	AS PER SD 410 & 420. HEAVY DUTY PIT LID
3	378949.471	5726363.338	GPT			1200	20.572	1200	20.552	22.991	2.439	ROCLA CDS UNIT P2018 (TO BE CONFIRMED)
4	378932.110	5726366.035	JP	600 H1500	900 H900	675 1050	20.651 20.651	1200	20.631	23.189	2.559	AS PER SD 410 & 420. GREEN FIBREGLASS PIT LID
5	378931.842	5726363.295	SEP	600	900	675	20.680	675	20.660	23.051	2.391	AS PER SD 431. GREEN FIBREGLASS PIT LID
6	378931.003	5726354.686	SEP	900	900	675 450	20.729 20.729	675	20.709	23.066	2.357	AS PER SD 431. GREEN FIBREGLASS PIT LID
7	378883.003	5726359.215	JP	900	900	525 20.908	20.908	675	20.890	23.241	2.352	AS PER SD 420. GREEN FIBREGLASS PIT LID
8	378874.548	5726351.869	DSEP	600	2400	450 450	20.966 21.021	525	20.946	23.043	2.097	TWO SEPS AS PER SD 431 WITH 450 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
9	378866.085	5726352.662	DSEP	600	2400	450	21.016	450	20.994	23.048	2.054	TWO SEPS AS PER SD 431 WITH 450 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
10	378855.743	5726249.106	DSEP	600	2400	450	21.383	450	21.363	23.163	1.801	TWO SEPS AS PER SD 431 WITH 450 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
11	378845.186	5726143.388	DSEP	600	2400	375	21.757	450	21.737	23.257	1.520	TWO SEPS AS PER SD 431 WITH 375 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
12	378836.684	5726135.745	SEP	600	900	375	21.815	375	21.795	23.370	1.575	AS PER SD 431. GREEN FIBREGLASS PIT LID
13	378835.094	5726127.361	DSEP	600	2400	300 300	21.863 21.863	375	21.843	23.365	1.521	TWO SEPS AS PER SD 431 WITH 300 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
14	378918.841	5726118.998	JP	600	900			300	22.144	23.584	1.440	AS PER SD 420. GREEN FIBREGLASS PIT LID
15	378785.155	5726380.365	GP	1500	1500			1050	21.198	23.402	2.204	AS PER SD 420. CLASS B GRATED PIT LID
16	378939.647	5726343.454	DSEP	600	2400	375 300	20.850 20.925	450	20.776	22.995	2.218	TWO SEPS AS PER SD 431 WITH 375 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
17	378930.776	5726256.368	DSEP	600	2400	300 300	21.275 21.275	375	21.200	23.004	1.804	TWO SEPS AS PER SD 431 WITH 300 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
18	378924.761	5726197.319	SEP	600	900	300 300	21.605 21.605	300	21.585	23.221	1.636	AS PER SD 431. GREEN FIBREGLASS PIT LID
19	378918.657	5726137.288	SEP	600	900	300	21.866	300	21.846	23.474	1.628	AS PER SD 431. GREEN FIBREGLASS PIT LID
20	378927.113	5726136.428	SEP	600	900			300	21.900	23.472	1.572	AS PER SD 431. GREEN FIBREGLASS PIT LID
21	378948.104	5726342.592	DSEP	600	2400			300	21.010	22.984	1.974	TWO SEPS AS PER SD 431 WITH 300 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
22	378939.232	5726255.507	DSEP	600	2400			300	21.360	22.985	1.625	TWO SEPS AS PER SD 431 WITH 300 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
23	378933.217	5726196.458	SEP	600	900			300	21.690	23.203	1.513	AS PER SD 431. GREEN FIBREGLASS PIT LID
24	378864.201	5726248.261	DSEP	600	2400	300	21.518	450	21.368	23.159	1.790	TWO SEPS AS PER SD 431 WITH 300 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
25	378853.644	5726142.543	DSEP	600	2400			300	21.872	23.252	1.380	TWO SEPS AS PER SD 431 WITH 300 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
26	378841.266	5726363.513	DSEP	750	2400	525 300	21.068 21.273	525	21.048	23.092	2.044	TWO SEPS AS PER SD 431 WITH 525 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID
27	378809.676	5726366.595	EP	750	900	FUT 450 FUT 300	21.194 21.399	525	21.174	23.199	2.025	CAPPED END PIPE
34	378808.202	5726129.896	JP	600	900			300	21.953	23.456	1.503	AS PER SD 420. GREEN FIBREGLASS PIT LID
35	378842.098	5726372.048	DSEP	600	2400			300	21.330	23.082	1.752	TWO SEPS AS PER SD 431 WITH 300 DIA CONNECTING PIPE. GREEN FIBREGLASS PIT LID

NOTE: -PIT COVER LEVELS ARE APPROXIMATE ONLY. COVERS SHALL BE SET TO SUIT FINISHED SURFACE LEVELS
- PIT DIMENSIONS ARE INTERNAL

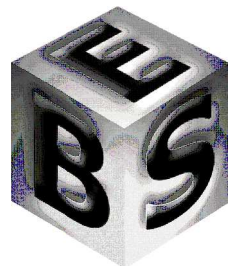


SLOPED ENDWALL DETAIL (EW 1)
NOT TO SCALE



ENDWALL 1 OUTLET DETAIL
NOT TO SCALE

E			
D			
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CLIENT:	THE BOULEVARDE PTY LTD	SHEET 20 OF 21	

CO-ORDINATE SETOUT DETAIL (CENTRELINE/LIP OF KERB)			
POINT	EASTING	NORTHING	RL
A1	378935.729	5726151.070	23.206
A2	378932.745	5726151.986	23.223
A3	378930.339	5726153.974	23.260
A4	378928.877	5726156.732	23.295
A5	378928.582	5726159.839	23.304
B1	378935.052	5726144.404	23.206
B2	378931.944	5726144.109	23.233
B3	378929.186	5726142.647	23.297
B4	378927.198	5726140.200	23.365
B5	378926.281	5726137.256	23.406

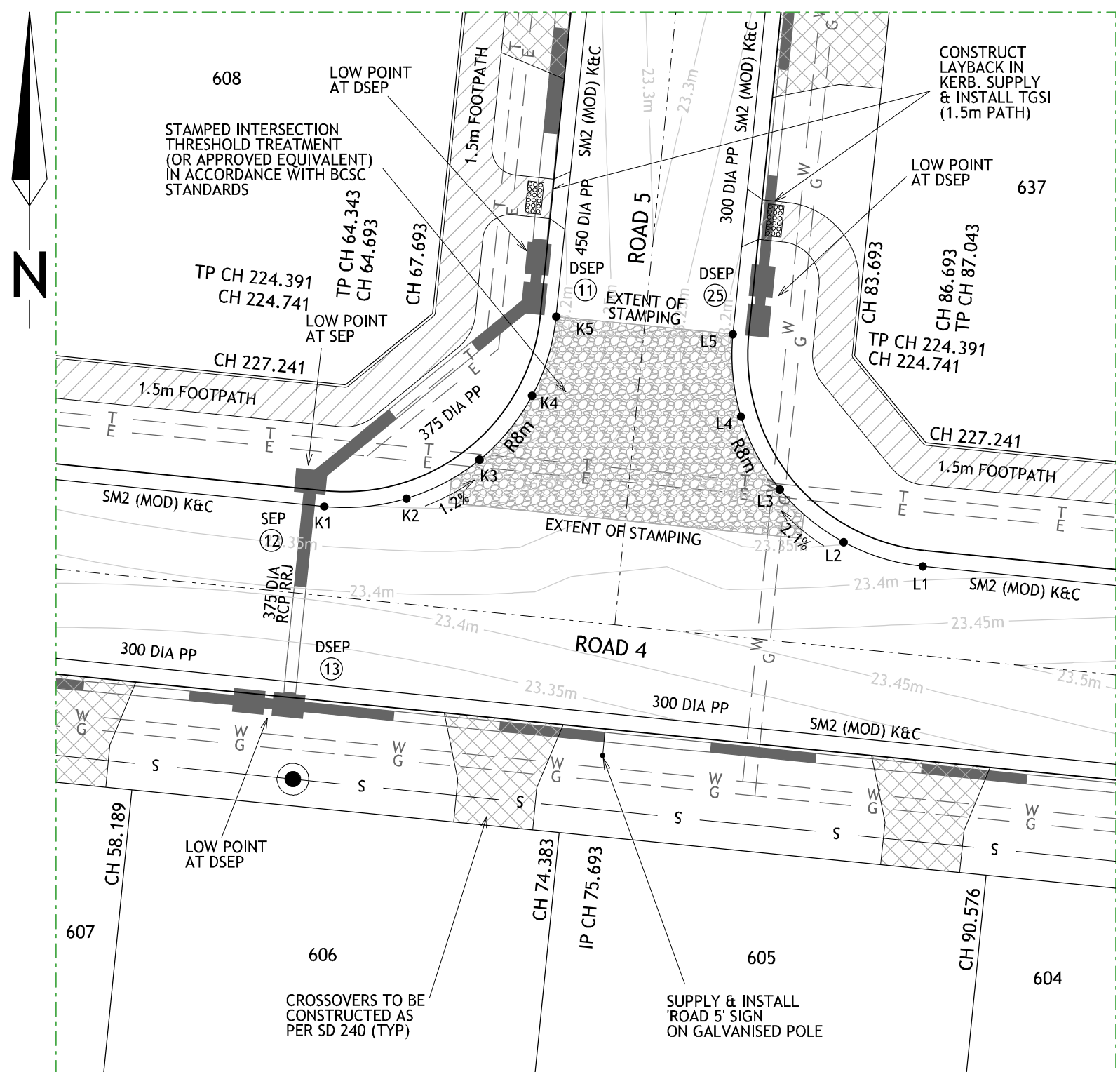
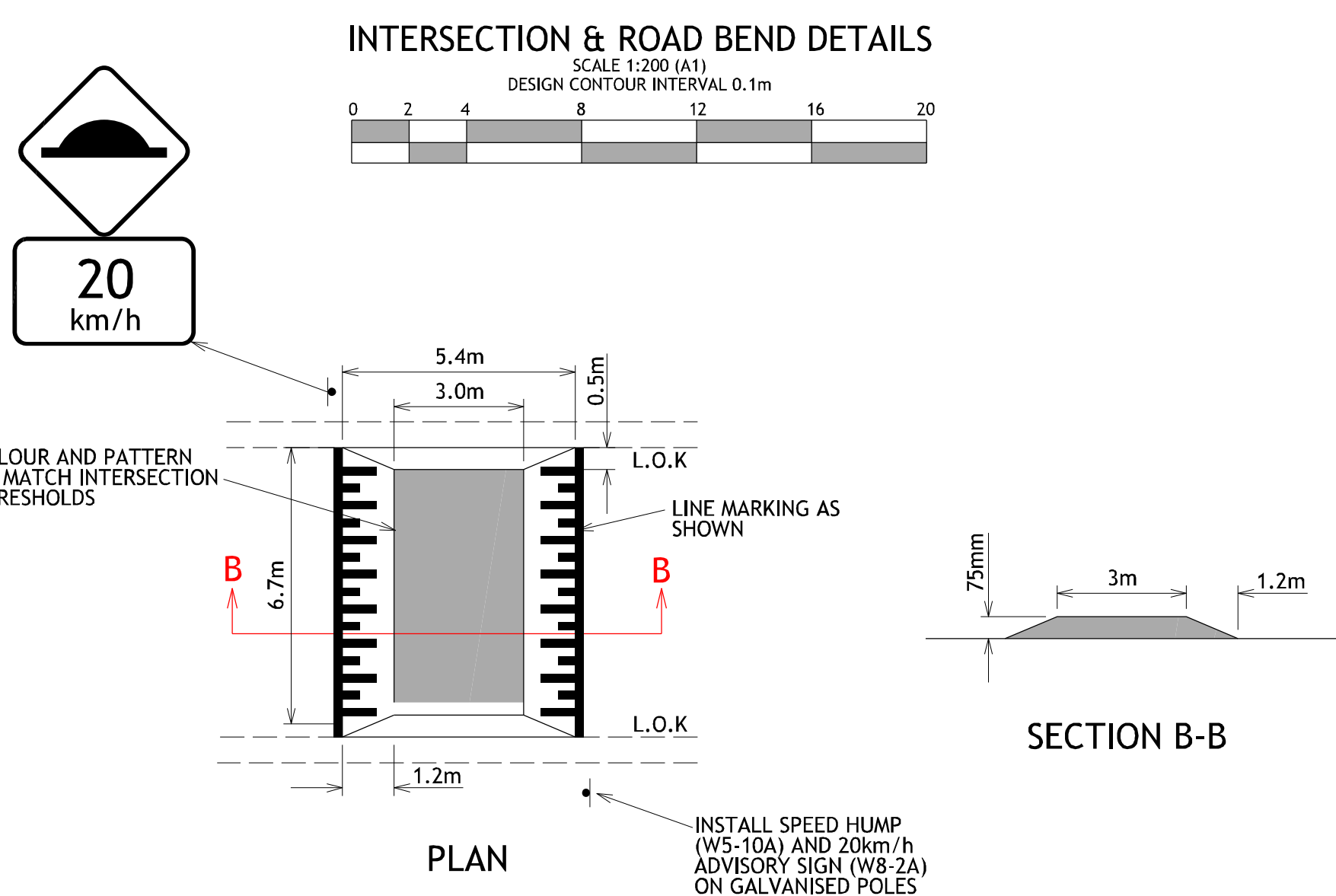
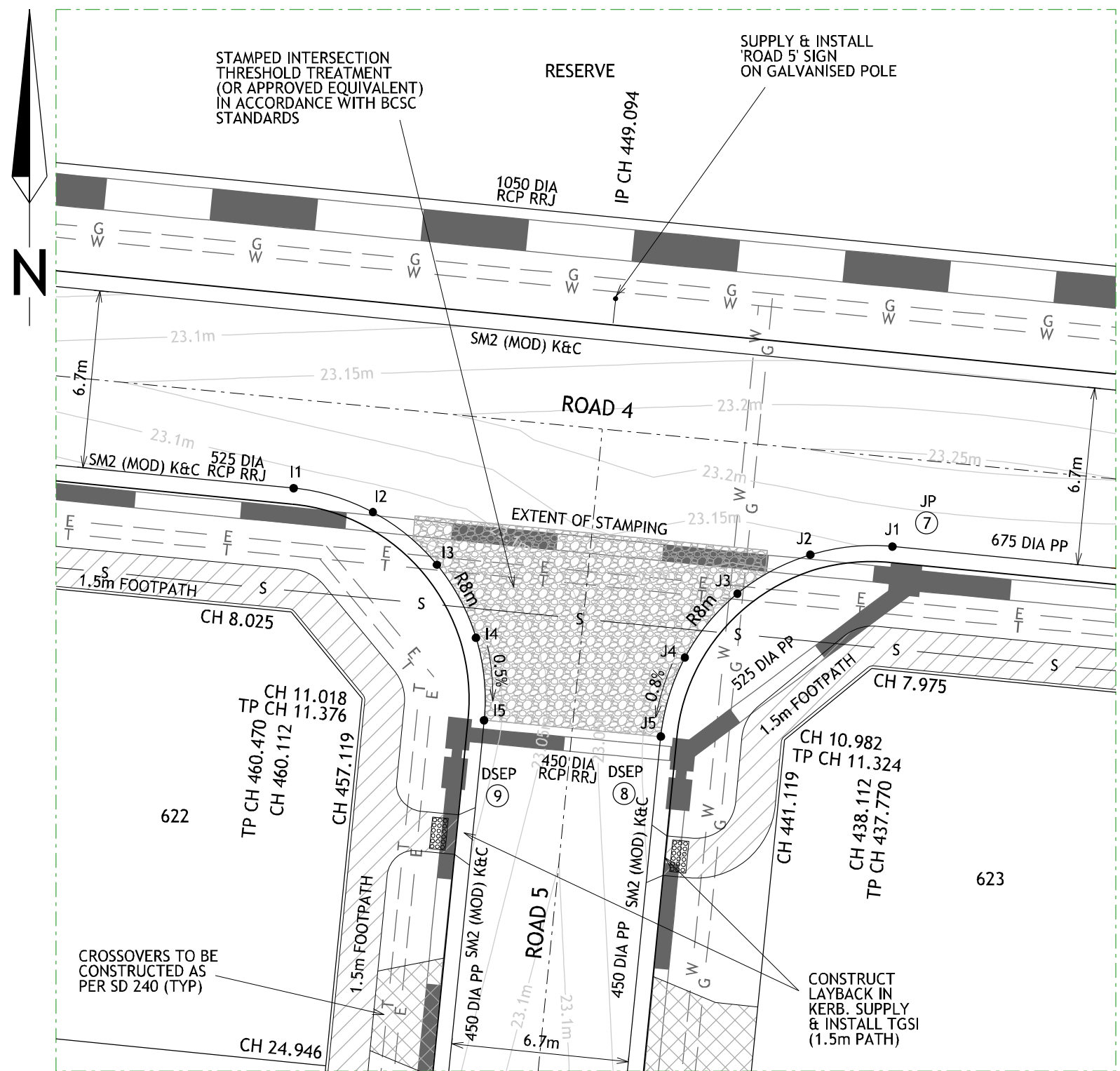
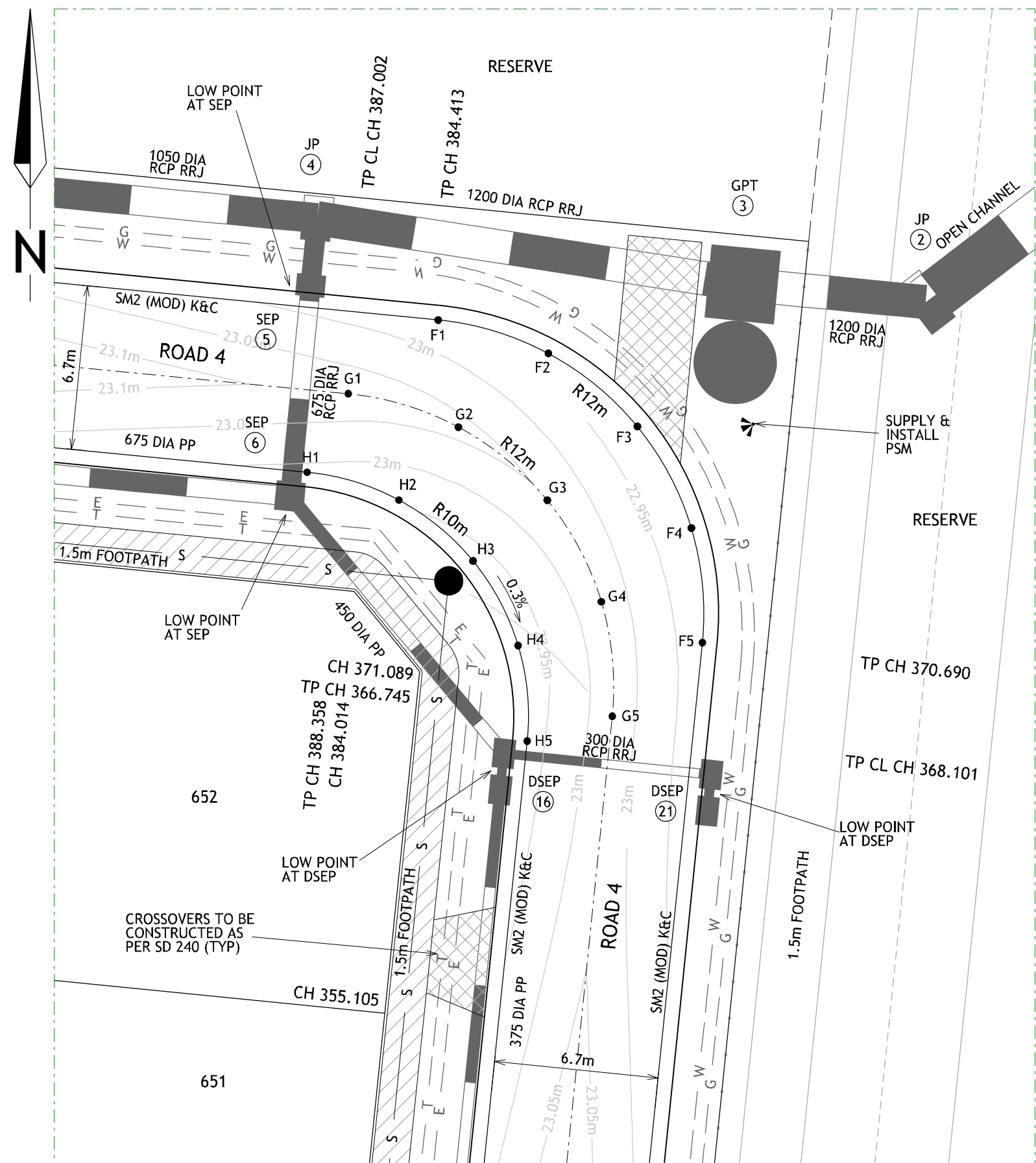
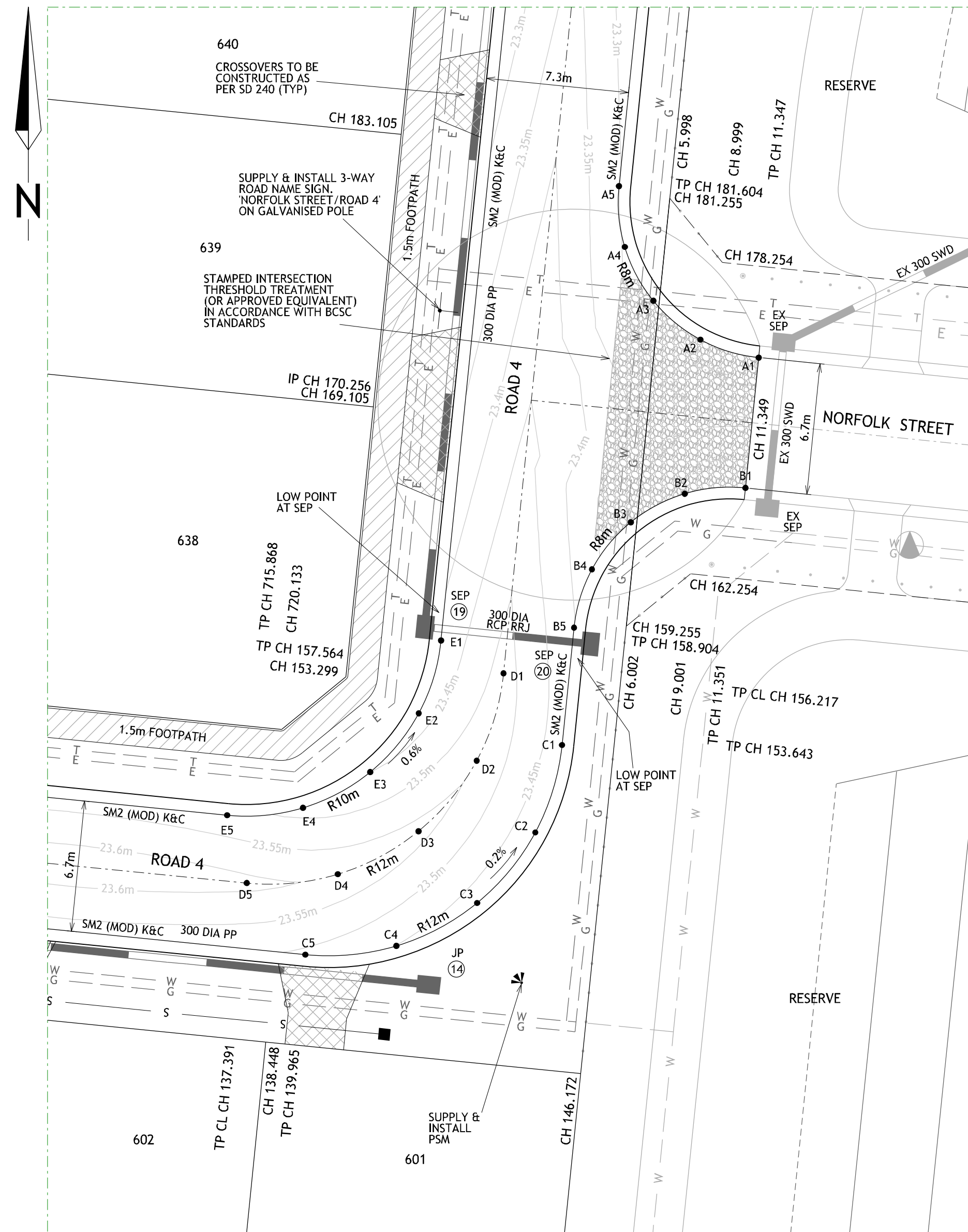
CO-ORDINATE SETOUT DETAIL (CENTRELINE/LIP OF KERB)			
POINT	EASTING	NORTHING	RL
C1	378925.670	5726131.256	23.421
C2	378924.299	5726126.786	23.416
C3	378921.323	5726123.178	23.425
C4	378917.194	5726120.983	23.450
C5	378912.540	5726120.532	23.490
D1	378922.676	5726134.922	23.520
D2	378921.305	5726130.451	23.541
D3	378918.329	5726126.844	23.566
D4	378914.200	5726124.648	23.591
D5	378909.546	5726124.198	23.613

CO-ORDINATE SETOUT DETAIL (CENTRELINE/LIP OF KERB)			
POINT	EASTING	NORTHING	RL
E1	378919.480	5726136.602	23.413
E2	378918.337	5726132.876	23.426
E3	378915.857	5726129.870	23.450
E4	378912.417	5726128.041	23.484
E5	378908.538	5726127.665	23.518
F1	378937.050	5726361.882	22.962
F2	378941.543	5726360.521	22.925
F3	378945.171	5726357.541	22.904
F4	378947.376	5726353.396	22.901
F5	378947.824	5726348.723	22.918

CO-ORDINATE SETOUT DETAIL (CENTRELINE/LIP OF KERB)			
POINT	EASTING	NORTHING	RL
G1	378933.376	5726358.875	23.084
G2	378937.870	5726357.514	23.071
G3	378941.497	5726354.533	23.056
G4	378943.703	5726350.389	23.041
G5	378944.150	5726345.715	23.029
H1	378931.702	5726355.672	22.989
H2	378935.446	5726354.538	22.957
H3	378938.469	5726352.054	22.929
H4	378940.307	5726348.601	22.919
H5	378940.680	5726344.706	22.928

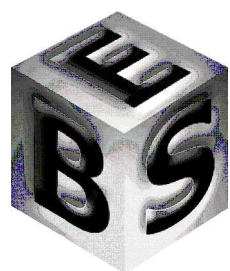
CO-ORDINATE SETOUT DETAIL (CENTRELINE/LIP OF KERB)			
POINT	EASTING	NORTHING	RL
I1	378859.930	5726362.673	23.077
I2	378862.922	5726361.767	23.068
I3	378865.339	5726359.784	23.033
I4	378866.811	5726357.027	22.995
I5	378867.114	5726353.915	22.980
J1	378882.523	5726360.469	23.156
J2	378879.422	5726360.161	23.126
J3	378876.673	5726358.692	23.066
J4	378874.694	5726356.283	23.006
J5	378873.786	5726353.302	22.980

CO-ORDINATE SETOUT DETAIL (CENTRELINE/LIP OF KERB)			
POINT	EASTING	NORTHING	RL
K1	378837.192	5726134.790	23.305
K2	378840.299	5726135.091	23.289
K3	378843.054	5726136.559	23.250
K4	378845.037	5726138.969	23.210
K5	378845.947	5726141.955	23.190
L1	378859.780	5726132.534	23.384
L2	378856.794	5726133.444	23.347
L3	378854.384	5726135.428	23.281
L4	378852.916	5726138.182	23.219
L5	378852.614	5726141.289	23.190



FLAT TOP ROAD HUMP DETAIL
NOT TO SCALE

E			
D			
C			
B	17/05/22	TENDER PLAN ISSUE	BW
A	25/03/22	INITIAL PLAN PREPARATION	BW
INDEX	DATE	REVISION	APPD



**BROSAN ENGINEERING
SOLUTIONS PTY LTD**
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(PO BOX 865 WONTHAGGI VIC 3995)
P 03 5672 5777 E info@broseng.com.au

PLAN OF SUBDIVISION: P583137Y	
SURVEY	NOBELIUS
DESIGN	M.BROSAN
CHECKED	B.WILSON

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MUNICIPALITY:	BASS COAST SHIRE COUNCIL
SCHEME	'POWLETT RIDGE ESTATE', WONTHAGGI - STAGE 6 INTERSECTION & ROAD BEND DETAILS
CLIENT:	THE BOULEVARDE PTY LTD

BES REFERENCE: 1129-6	REV
3301 / 21	B
SHEET 21 OF 21	