

WENTWORTH POINT

ROAD AND DRAINAGE DESIGN FOR DEVELOPMENT APPLICATION



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LOCALITY PLAN
N.T.S.

LGA AUBURN CITY COUNCIL
LOT 1, 2 & 3, DP 859608

WENTWORTH POINT ROAD AND DRAINAGE DESIGN

Project No.:
X13308

Stage:

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DA

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Revision:
P



STANDARD NOTES

1. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S STANDARDS AND SPECIFICATIONS AND/OR AS DIRECTED BY THE ENGINEER.

2. THE CONTRACTOR SHALL LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION AND SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE OR ADJUST AS FOUND NECESSARY. ALL COSTS TO BE BORNE BY THE APPLICANT, (NOT AT COUNCIL'S EXPENSE)

3. THE CONTRACTOR SHALL NOT ENTER UPON OR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT PRIOR WRITTEN PERMISSION OF THE LAND OWNER.

4. SURVEY MARKS SHOWN THUS SHALL BE MAINTAINED AT ALL TIMES. WHERE RETENTION IS NOT POSSIBLE THE ENGINEER SHALL BE NOTIFIED AND CONSENT RECEIVED PRIOR TO THEIR REMOVAL.

5. ALL NEW WORKS SHALL MAKE SMOOTH JUNCTION WITH EXISTING CONDITIONS.

6. SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO SOIL DISTURBANCE IN KEEPING WITH THE "MANAGING STORMWATER MANUAL", 2004 BY LANDCOM AND TO THE SATISFACTION OF THE ENGINEER AND AS SHOWN IN THESE DRAWINGS.

7. THE CONTRACTOR SHALL CLEAR AND DISPOSE OF ONLY THOSE TREES THAT ARE CONDEMNED BY THE ENGINEER. COUNCIL'S TREE PRESERVATION ORDER SHALL BE OBSERVED AND NO TREE SHALL BE FELLED, LOPPED OR REMOVED WITHOUT PRIOR APPROVAL.

8. THE CONTRACTOR SHALL CLEAR THE SITE BY REMOVING ALL RUBBISH, FENCES, OUT HOUSES, CAR BODIES, DEBRIS ETC. THE CONTRACTOR SHALL NOT DISPOSE OF ANY DEBRIS BY BURNING OFF IN AN OPEN FIRE.

9. UNSOUND MATERIALS AS DETERMINED BY THE ENGINEER SHALL BE REMOVED FROM ROADS AND LOTS PRIOR TO ANY FILLING. REFER NOTE 37.

10. ALL SITE REGRADING AREAS SHALL BE GRADED IN ACCORDANCE WITH FAIRFIELD CITY COUNCIL GUIDELINES AND WORK SPECIFICATIONS. THE CONTRACTOR SHALL TAKE LEVELS ON THE EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING ANY FILL OPERATIONS.

11. SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED BY THE ENGINEER.

12. 100 DIA. SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED ADJACENT TO INLET PIPES, TO COUNCIL'S STANDARD DRAWINGS FOR PITS.

13. MINIMUM 100mm THICK TOPSOIL SHALL BE SPREAD ON ALL FOOTPATHS, BERMS, BATTERS AND SITE REGRADING AREAS. EXCESS TOPSOIL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER.

14. ALL LAND DISTURBED BY EARTHWORKS SHALL BE SPRAY-GRASSED, OR SIMILARLY TREATED TO ESTABLISH GRASS COVER. SEED MIXTURES ARE TO BE APPROVED BY COUNCIL PRIOR TO SPRAYING. ALL GRASSED AREAS SHALL BE REGULARLY WATERED AND MAINTAINED UNTIL EXPIRATION OF THE MAINTENANCE PERIOD.

15. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL THROUGHOUT THE DURATION OF THE PROJECT.

16. ALL PITS DEEPER THAN 1.2m SHALL HAVE STEP IRONS PROVIDED IN ACCORDANCE WITH COUNCIL'S STANDARDS.

17. ALL DRAINAGE LINES THROUGH LOTS SHALL BE CONTAINED WITHIN THEIR EASEMENTS AND CONFORM WITH COUNCIL'S STANDARDS.

18. ALL DRAINAGE LINES ON HIGH SIDE AND UNDER ROADS SHALL BE BACKFILLED WITH SHARP SAND AND HAVE 3.0m OF AGRICULTURAL LINE WRAPPED IN AN APPROVED FILTER FABRIC, DISCHARGING INTO THE DOWNSTREAM PIT.

19. SUBSOIL DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH BCC GUIDELINES AND SPECIFICATIONS.

20. PRECAST KERB INLET LINTELS SHALL BE USED ON GULLY PITS. GULLY PITS SHALL BE IN ACCORDANCE WITH A(BS)106M.

21. INTERALLOTMENT DRAINAGE LINES SHALL HAVE A MINIMUM 300mm COVER AND DESIRABLE MINIMUM GRADE OF 1%.

22. 100mm DIAMETER ROOF DRAINAGE HOLES SHALL BE PROVIDED TO ALL LOTS DRAINING TO THE KERB AT THEIR DOWNSTREAM BOUNDARY.

23. PROVIDE VEHICULAR CROSSING IN KERB AND GUTTER WHERE SHOWN VC OR WHERE DIRECTED BY THE ENGINEER.

24. GUIDE POSTS SHALL BE 100mm X 50mm HARDWOOD, PAINTED WHITE WITH REFLECTORS.

25. ERECT STREET NAME SIGNS, CONDUIT WARNING SIGNS AND NO THROUGH ROAD SIGNS WHERE SHOWN
26. ERECT STREET NAME SIGNS, CONDUIT WARNING SIGNS AND NO THROUGH ROAD SIGNS WHERE SHOWN THUS SP OR WHERE DIRECTED BY THE ENGINEER.

27. CONDUITS SHALL BE LAID AFTER POSITIONS HAVE BEEN DETERMINED BY THE RELEVANT AUTHORITIES AND BEFORE FINAL A.C. IS LAID.

28. POSITION OF ALL CONDUITS SHALL BE MARKED ON THE KERB.

29. FELLED TREES SHALL BE SALVAGED FOR REUSE AS WOODCHIP MULCH OR LOG FORM FOR SITE REHABILITATION, NON-SALVAGEABLE MATERIAL SUCH AS STUMPS AND ROOTS SHALL BE DISPOSED OF OFF SITE.

30. THE CONTRACTOR SHALL PROVIDE MINIMUM 24 HOURS NOTICE TO THE ENGINEER AND COUNCIL INSPECTOR FOR ALL INSPECTIONS.

31. THE CONTRACTOR SHALL MAINTAIN SERVICES AND ALL WEATHER ACCESS AT ALL TIMES TO THE ADJOINING PROPERTIES.

32. THE CONTRACTOR SHALL UNDERTAKE TRAFFIC CONTROL MEASURES TO ENGINEERS SATISFACTION AND SHALL DISPLAY ALL APPROPRIATE WARNING SIGNS THROUGHOUT THE DURATION OF CONSTRUCTION.

33. ALL NATURAL SURFACE DATA HAS BEEN DETERMINED BY TERRAIN MODELLING. ALL CONSTRUCTION SITE WORKS MUST BE CARRIED OUT USING THE BENCH MARKS SHOWN ON THESE DRAWINGS.

34. THAT ALL LIGHT POLES, STREET NAME POLES AND BUS SHELTERS IN THIS SUBDIVISION WILL BE BLACK POWDER COATED TO THE SATISFACTION OF THE FAIRFIELD CITY COUNCIL.

35. PRAM RAMPS AND PATHPAVING TO BE CONSTRUCTED AS SHOWN ON PLANS AND AS DIRECTED BY COUNCIL ON SITE.

36. ALL BATTERS ARE TO HAVE A MAXIMUM SLOPE OF 4(H):1(V).

37. PRIOR TO CONSTRUCTION THE CONTRACTOR SHOULD OBTAIN COPIES OF ALL RELEVANT GEOTECHNICAL REPORTS. WORKS SHOULD BE UNDERTAKEN IN ACCORDANCE WITH ADVICE AND RECOMMENDATIONS CONTAINED THEREIN.

38. UPON COMPLETION OF THE SITE REGRADE & APPROVED ROAD AND DRAINAGE WORKS AND PRIOR TO THE ISSUE OF THE SUBDIVISION CERTIFICATE, THE APPLICANT IS REQUIRED TO SUBMIT TO COUNCIL WRITTEN CERTIFICATION FROM APPROPRIATELY QUALIFIED GEOTECHNICAL CONSULTANTS THAT ALL THE RECOMMENDATIONS IN THE REPORTS REFERRED TO IN ITEM 37 ABOVE HAVE BEEN COMPLIED WITH.

39. 100 YEAR FLOW PATHS TO BE FORMED AT TIME OF CONSTRUCTION.

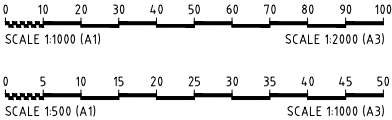
40. A TRAFFIC CONTROL PLAN IS TO BE PROVIDED TO COUNCIL PRIOR TO COMMENCEMENT OF WORKS.

LEGEND

DESCRIPTION	PROPOSED	EXISTING	FUTURE
STORMWATER PIPELINE			
STORMWATER DRAINAGE PITS			
DRAINAGE LINE No. 3 DRAINAGE PIT No. 10			
CONCRETE HEADWALL			
SUBSOIL DRAIN			
STANDARD 150mm KERB AND GUTTER			
STANDARD ROLL KERB AND GUTTER			
STANDARD KERB ONLY			
STANDARD EDGE STRIP			
STANDARD MOUNTABLE KERB			
STANDARD DISH CROSSING			
VEHICULAR CROSSING			
PEDESTRIAN RAMP			
EDGE OF BITUMEN			
ROAD PAVEMENT			
BENCHMARK			
BATTERS			
CONCRETE PATHWAY			
CONTOURS			
SITE REGRADING AREA			
SERVICE LINES SEWER, GAS, WATER, ELECTRICITY			
COMMUNICATION LINES TELSTRA, FIBRE OPTIC			
OVER HEAD LINES AND POLES			
SERVICE PITS TELECOM PIT, ACCESS CHAMBER, HYDRANT, STOP VALVE, AIR VALVE			
LIMIT OF CONSTRUCTION			
LIMIT OF STAGE			
FENCE POST AND RAIL FENCE SECURITY FENCE			
LOT NUMBERS			
TREES TO REMOVE			
TREES			
RETAINING WALL			

PRELIMINARY

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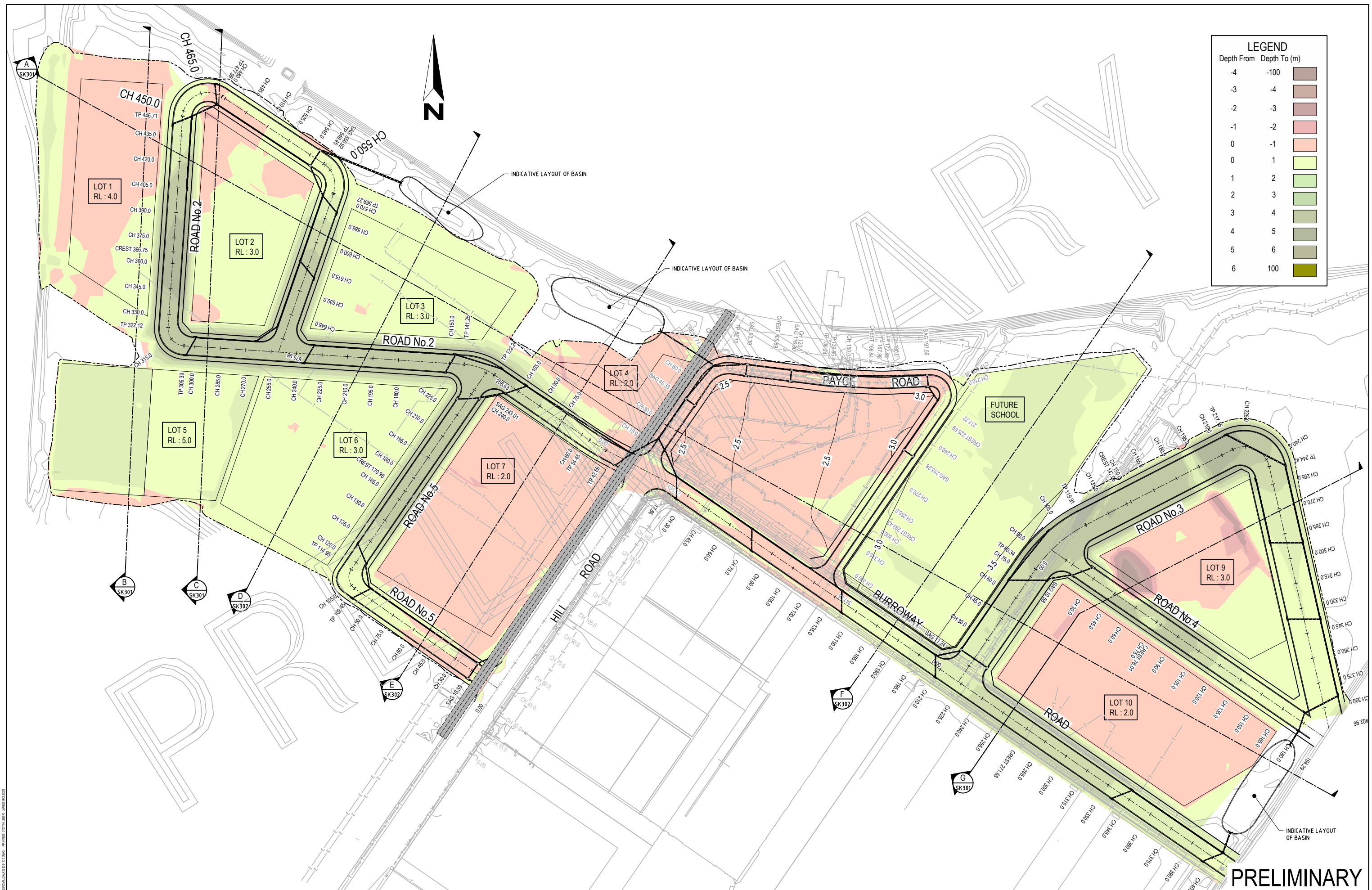
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Project:
WENTWORTH POINT
ROAD AND DRAINAGE DESIGN

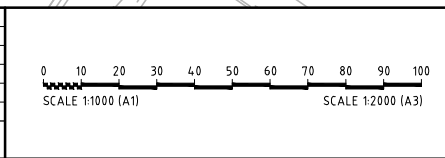


Drawing Title: STANDARD NOTES & LEGEND				
Project No.: X13308	Stage: -	Milestone: DA	Dwg No.: 001	Revision: P2



LEGEND		
Depth From	Depth To (m)	
-4	-100	
-3	-4	
-2	-3	
-1	-2	
0	-1	
0	1	
1	2	
2	3	
3	4	
4	5	
5	6	
6	100	

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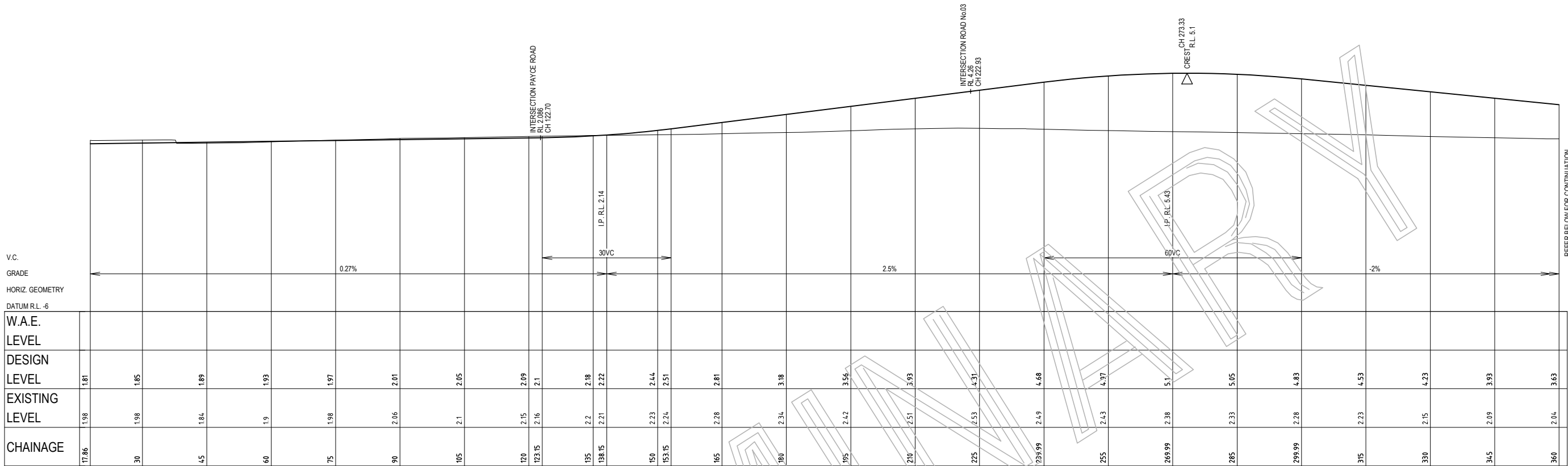
Project:
**WENTWORTH POINT
ROAD AND DRAINAGE DESIGN**



Drawing Title: ENGINEERING PLAN				
Project No.: X13308	Stage: -	Milestone: DA	Dwg No.: 101	Revision: P2

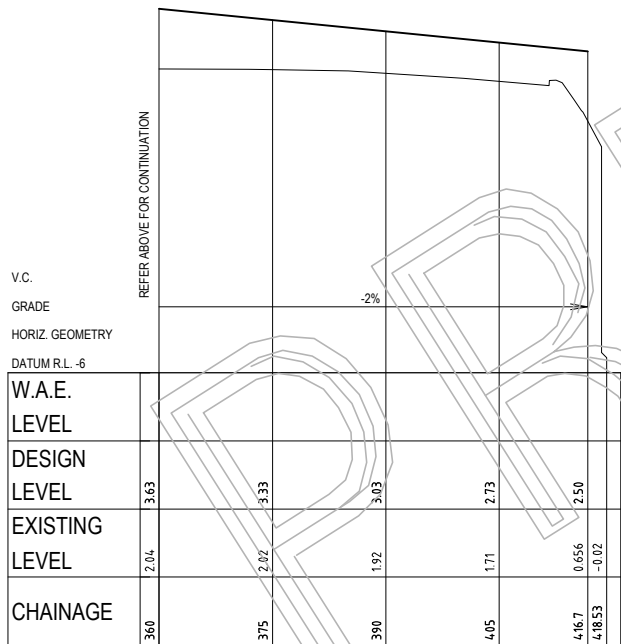


Drawing Title:				
FUTURE SCHOOL RETAINING WALL LAYOUT				
Project No.:	Stage:	Milestone:	Dwg No.:	Revision:
X13308	-	DA	102	P2



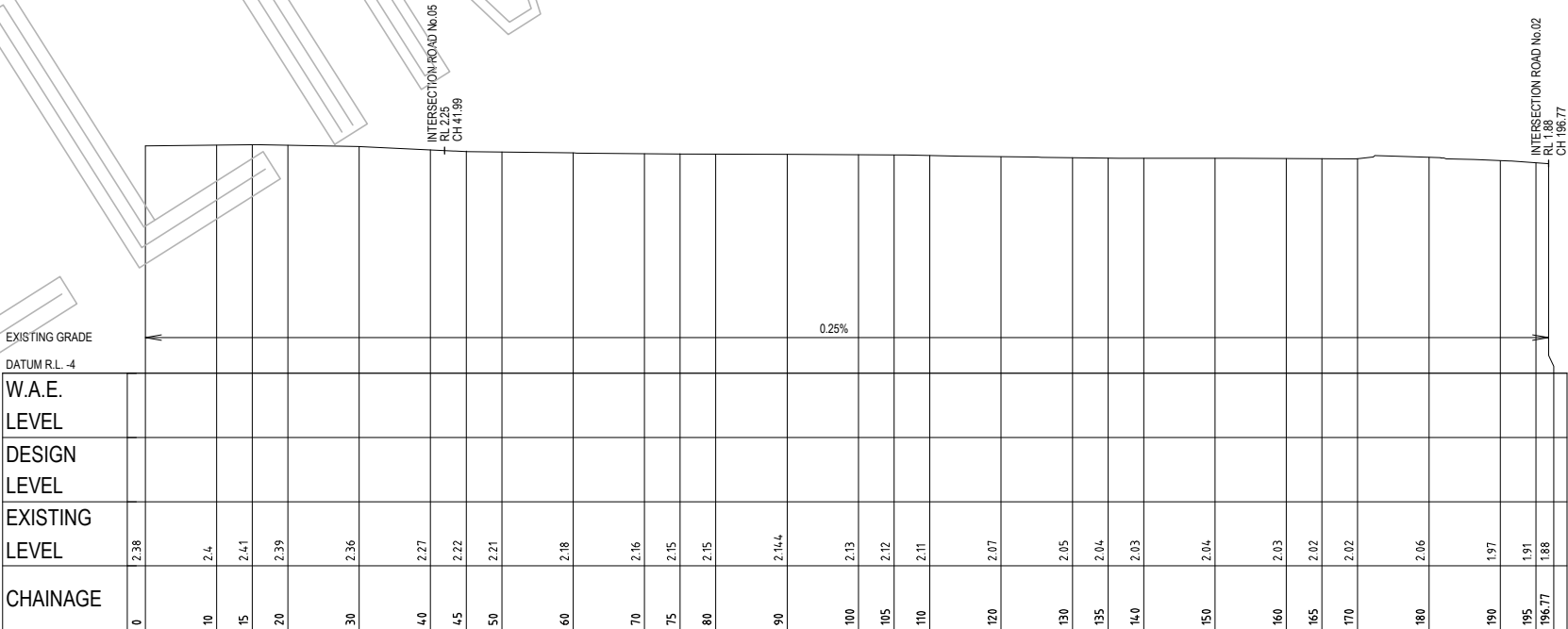
LONGITUDINAL SECTION CENTRELINE - BURROWAY ROAD

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LONGITUDINAL SECTION CENTRELINE - BURROWAY ROAD CONT.

SCALE 1:500 (H)
SCALE 1:100 (V)



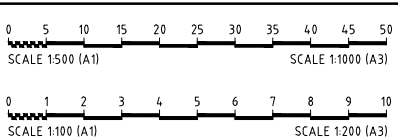
LONGITUDINAL SECTION CENTRELINE - HILL ROAD

SCALE 1:500 (H)
SCALE 1:100 (V)

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Rev	By	Check	Date	Description
P	JM	TW	AP	-
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Drawing Title:
LONGITUDINAL SECTIONS -
BURROWAY & HILL ROAD

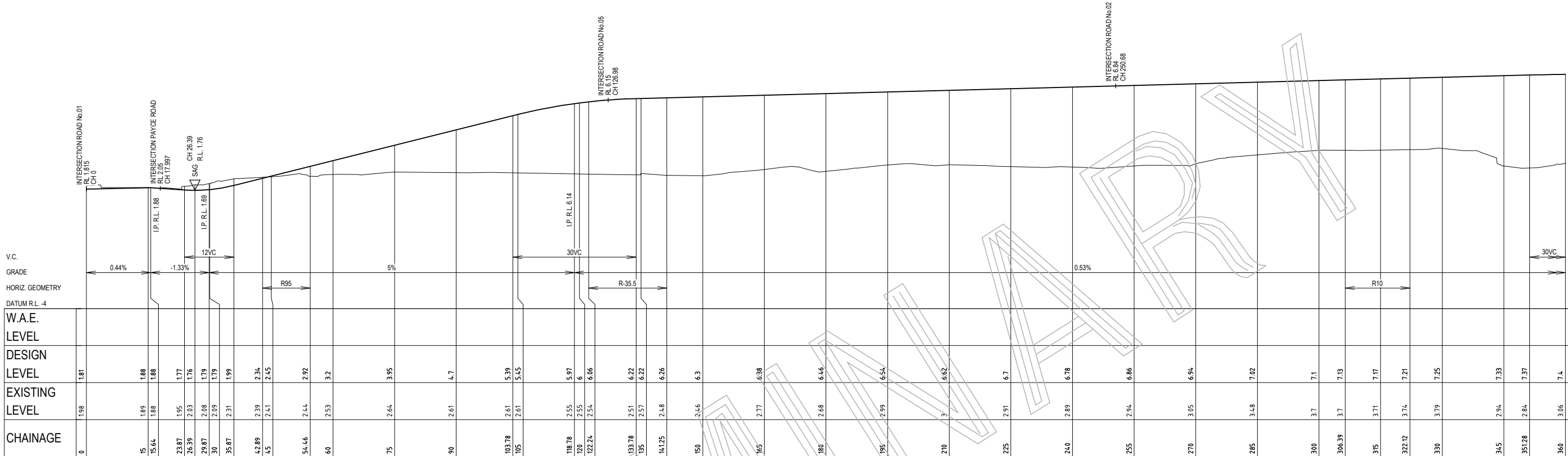
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X13308

Stage:
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Milestone:
DA

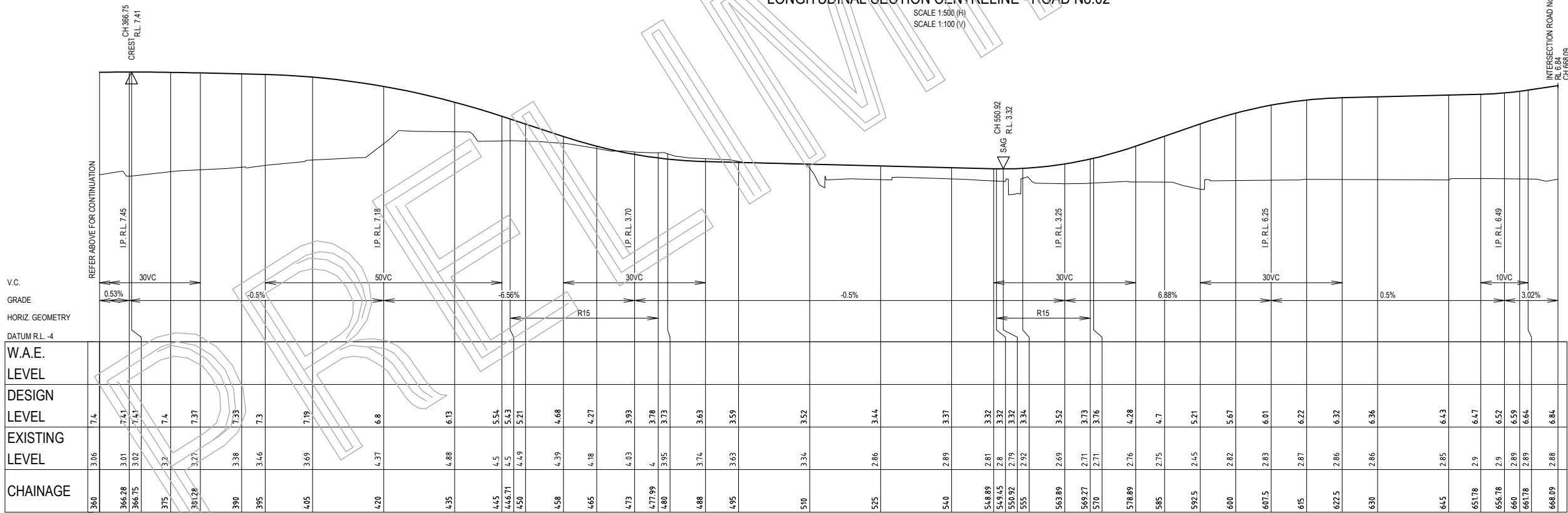
Dwg No.:
202

Revision:
P2



LONGITUDINAL SECTION CENTRELINE - ROAD No.02

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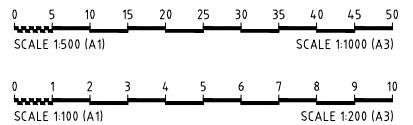
LONGITUDINAL SECTION CENTRELINE - ROAD No.02

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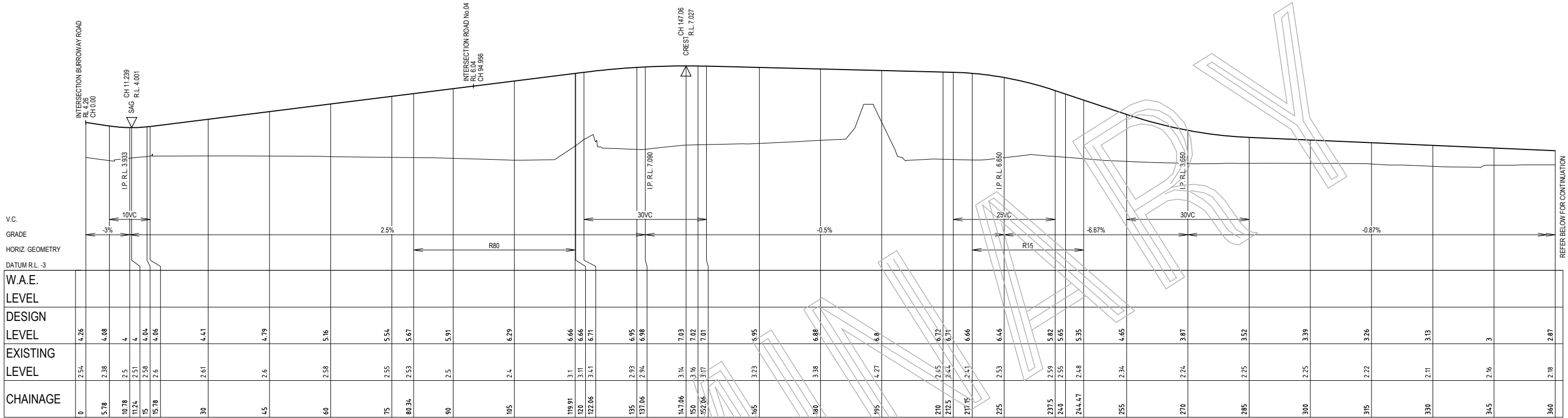
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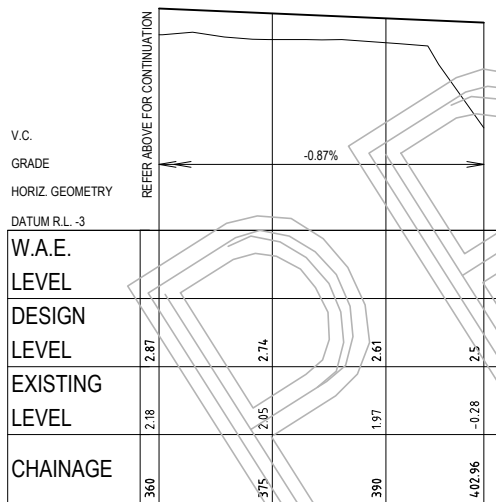


Drawing Title: LONGITUDINAL SECTIONS - ROAD No.02	Project No.: X13308	Stage: -	Milestone: DA	Dwg No.: 202	Revision: P2
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LONGITUDINAL SECTION CENTRELINE - ROAD No.03

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LONGITUDINAL SECTION CENTRELINE - ROAD No.03 CONT.

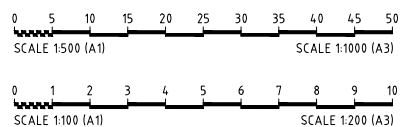


LONGITUDINAL SECTION CENTRELINE - ROAD No.04

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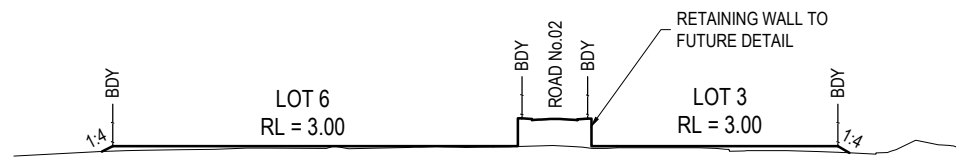
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ROAD AND DRAINAGE DESIGN

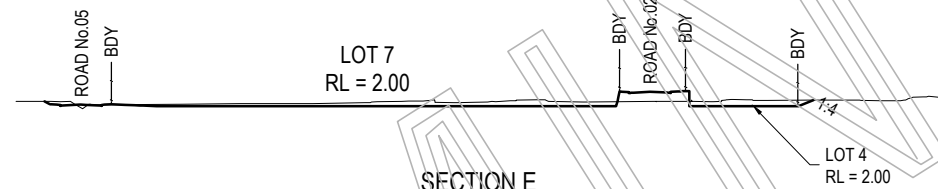


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LONGITUDINAL SECTIONS -
ROAD No.03 & No.04

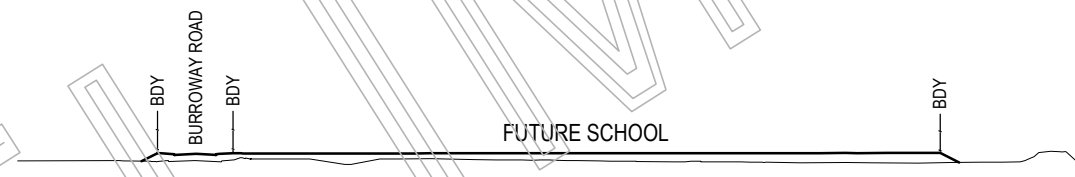
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Stage: -
Milestone: DA
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Revision: P2



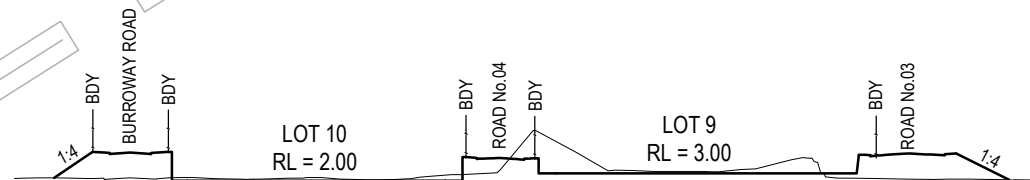
SECTION D
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SECTION E
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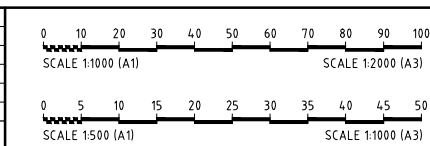
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SECTION G
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SITE SECTIONS SHEET 02 OF 02				
Project No.:	Stage:	Milestone:	Dwg No.:	Revision:
X13308	-	DA	402	P2