



AGENDA

ROADS COMMITTEE MEETING

WEDNESDAY, 27 NOVEMBER 2019

Notice is given that the next Roads Committee Meeting of the Roper Gulf Regional Council will be held on:

- Wednesday, 27 November 2019 at
- The Conference Room
- Roper Gulf Regional Council Support Centre
- 2 Crawford Street, Katherine
- Commencing at 08:30am

Your attendance at the meeting will be appreciated.

Phillip LUCK
CHIEF EXECUTIVE OFFICER

PLEDGE

“We pledge to work as one towards a better future through effective use of all resources.

We have identified these key values and principles of Honesty, Equality, Accountability, Respect and Trust as being integral in the achievement of our vision, that the Roper Gulf Regional Council is Sustainable, Viable and Vibrant”.

PRAMIS BLA WI

“Mela pramis bla wek gudbalawei bla meigim futja bla wi wanwei, en bla yusim ola gudwan ting bla helpum wi luk lida.

Mela bin luk ol dijlod rul, ebrobodi gada tok trubalawei, wi gada meik so wi gibit firgo en lisin misalp, abum rispek en trastim misalp bla jinggabat bla luk lida, Roper Galf Rijinul Kaunsul deya maindim en kipbum bla wi pramis , dum wek brabli gudbalawei, en im laibliwan”

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CONFIRMATION OF PREVIOUS MINUTES



ITEM NUMBER 4.1
TITLE Confirmation of Previous Minutes
REFERENCE 866250
AUTHOR Prerna RAMAWAT, Governance Officer

RECOMMENDATION

That the Roads Committee confirms the draft Minutes taken at the Roads Committee Meeting held on 28 August 2019 to be a correct record of its decisions and proceedings.

BACKGROUND

The Roads Committee met on Wednesday 28 August 2019 in Katherine at 08:30am.

Attached are the minutes of that meeting.

ISSUES/OPTIONS/SWOT

Nil

FINANCIAL CONSIDERATIONS

Nil

ATTACHMENTS:

1 [↓](#) Roads Committee 2019-08-28 [846521].DOCX



MINUTES OF THE ROADS COMMITTEE MEETING HELD AT THE COUNCIL
CHAMBERS,
ROPER GULF REGIONAL COUNCIL SUPPORT CENTRE
2 CRAWFORD STREET, KATHERINE ON WEDNESDAY, 28 AUGUST 2019 AT
08:30 AM

1. PRESENT/STAFF/GUESTS

Members

- Mayor Judy MacFARLANE;
- Deputy Mayor Helen LEE;
- Councillor Owen TURNER;
- Councillor Donald GARNER;
- Councillor Edwin NUNGGUMAJBARR;

Staff

- Phillip LUCK, Chief Executive Officer;
- Marc GARDNER, General Manager Corporate Services and Sustainability;
- Sharon HILLEN, General Manager Infrastructure Services and Planning;
- Cristian COMAN, Manager Governance and Corporate Planning.

Guests

- Councillor Samuel EVANS.

2. MEETING OPENED

Meeting opened at 0846hrs

3. APOLOGIES AND LEAVE OF ABSENCE

3.1 APOLOGIES AND LEAVE OF ABSENCE

22/2019 RESOLVED (Helen LEE/Owen TURNER)

Carried

- (a) That the Roads Committee does not accept the apologies of Cr Annabelle DAYLIGHT, noting that it was not given.

CONFIRMATION OF PREVIOUS MINUTES

4.1 CONFIRMATION OF PREVIOUS MINUTES

23/2019 RESOLVED (Donald GARNER/Edwin NUNGGUMAJBARR) *Carried*

- (a) That the Roads Committee confirms the draft Minutes taken at the Roads

Committee Meeting held on 29 May 2019 to be a correct record of its decisions and proceedings.

5. CALL FOR ITEMS OF GENERAL BUSINESS

- Rocky Creek Bridge Progress Report;
- Borroloola Central Business District Upgrade;
- Robinson Road Borroloola;
- Numbulwar Barge Landing;
- Barunga Road.

DISCLOSURES OF INTEREST

There were no declarations of interest at this Roads Committee.

6. BUSINESS ARISING FROM PREVIOUS MINUTES

7.1 ACTION LIST

24/2019 RESOLVED (Helen LEE/Edwin NUNGGUMAJBARR) *Carried*

- (a) That the Roads Committee receives and notes the Action List;

7.2 WEEMOL COMMUNITY - INTERNAL ROADS RESEAL

25/2019 RESOLVED (Donald GARNER/Owen TURNER) *Carried*

- (a) That the Roads Committee receives and notes the report in relation to the Weemol roads maintenance project.

7.3 BULMAN COMMUNITY - DRAINAGE AND ROAD UPGRADES

26/2019 RESOLVED (Helen LEE/Donald GARNER) *Carried*

- (a) That the Roads Committee receives and notes the progress report in relation to the Bulman Roads and Drainage repairs.

7.4 MINYERRI (HODGSON DOWNS) ROADS UPGRADE PROGRAM

27/2019 RESOLVED (Donald GARNER/Owen TURNER) *Carried*

- (a) That the Roads Committee receives and notes the report in relation to the Road Upgrade works in Minyerri.

7.5 NUMBULWAR ROADS UPGRADE PROJECT

28/2019 RESOLVED (Donald GARNER/Edwin NUNGGUMAJBARR) *Carried*

- (a) That the Roads Committee receives and notes the updates in relation to the Road Upgrades in Numbulwar Township.

7.6 COFFEY REPORT - MATARANKA, URAPUNGA AND JILKMINGGAN

29/2019 RESOLVED (Donald GARNER/Edwin NUNGGUMAJBARR) *Carried*

- (a) That the Roads Committee receives and notes the progress in relation to the Road Upgrades in Jilkminggan, Urapanga and Cemetery Upgrades in Mataranka.

7. INCOMING CORRESPONDENCE

NIL

8. OUTGOING CORRESPONDENCE

NIL

9. ELECTED MEMBERS'S REPORT

NIL

10. OPERATIONAL REPORT

NIL

11. GENERAL BUSINESS**12.1 ROCKY CREEK BRIDGE PROGRESS REPORT**

30/2019 RESOLVED (Donald GARNER/Owen TURNER) *Carried*

- (a) That the Roads Committee receives and notes the progress for the Rocky Creek Bridge Project.

N.B. General Business Items below were received by the Committee as updates however no decisions or resolutions made. The Committee however does request for these matters to be included in future Roads Committee Action List

12.2 BORROLOOLA CBD UPGRADE

- (a) That the Roads Committee receives update pertaining to project noting tendering process, funding and revitalisation program, and that walking paths are now a separate project.
- (b) That the Roads Committee notes MacArthur River Mine Community Benefits Trust meeting invitation pertaining to funding and improved relationship;
- (c) That the Roads Committee notes Cr. GARNER's concerns pertaining to the inaccuracy of the scoped project costings vs tendering figures, and the potential for improvement pertaining to estimating, scrutiny, and advertising.

12.3 ROBINSON ROAD BORROLOOLA

- (a) That the Roads Committee notes Cr GARNER's concerns pertaining to heavy vehicle and caravan traffic on Robinson Road, Borroloola, further noting that signage is to be installed.

12.4 NUMBULWAR BARGE LANDING

- (a) That the Roads Committee receives update pertaining to Barge Landing and associated roads infrastructure in Numbulwar, noting that matter is currently being scoped and shall be handled as a separate project.

12.5 BARUNGA ROAD

- (a) That Roads Committee receives update on status of Barunga Road noting that it is an ongoing matter.

CLOSE OF MEETING

The meeting terminated at 1022hrs.

This page and preceding Pages ARE THE MINUTES OF THE Roads Committee Meeting HELD ON Wednesday, 28 August 2019 AND CONFIRMED ON Wednesday, 27 November 2019.

Mayor Judy MacFARLANE
Chairperson

BUSINESS ARISING FROM PREVIOUS MINUTES

ITEM NUMBER	7.1
TITLE	Action List
REFERENCE	866254
AUTHOR	Prena RAMAWAT, Governance Officer

RECOMMENDATION

That the Roads Committee receives and notes the Action List;

BACKGROUND

Location	Description of Works	Update	RGRC Contribution	Spent to date	Balance
Weemol	Design & Scoping for Sealing of Access Road	Council do not want to go ahead with this project as it cannot fund this. The cost estimate for sealing of the access road is \$1.3 m. There is no written confirmation as to where these funds are coming from. Recommend that this action is re-worded to consider sealing of internal roads.	\$69,000	\$16,310	\$52,690
	Sealing of Internal Community Roads	Tenders were advertised for two weeks and closed on 30 th October 2019. Received 3 tenders and were evaluated. Reported to FCM to approve the recommended contractor.	\$320,000	Nil	\$320,000
Bulman	Design & Costings for repairs to roads and drains	Concept plans have been developed with issues associated with easements. Flanagan Consulting has proposed additional survey and design of culvert under the service road and provided a variation. Variation is approved and currently designs are in progress.	\$73,451 (including variation)	\$40,553	\$ 32,898

Jilkminggan	Design, scoping & costing of realignment and resealing of main street and culdesac near school	Coffey has submitted electrical designs to re-locate the power poles from the island on the main street in Jilkminggan. These designs were approved by PWC and the costs estimated from PWC is \$87,500 plus GST to relocate the poles. Electrical designs to be presented at next Jilkminggan LA on 3 rd December for consultation. Civil designs will commence on approval of electrical designs.		Nil	
Mataranka	Design, scope & cost Cemetery Carpark	Coffey has provided draft sketch of columbarium without a centre pole and an estimate of \$98,328 (ex GST) for construction. Coffey suggested that a columbarium with a centre pole will reduce the material for construction by significant amount which will in turn lower the construction costs. Drawings will be submitted to Mataranka LA on 3 rd December for consultation.	\$120,500	Nil	\$120,500
Urapunga Store	Design, scope & Costings for Store Carpark	Coffey has provided a variation for the additional survey of cemetery and waste management facility. Variation approved and Coffey to commence survey works.		Nil	
Hodgson Downs	Scope Local Road upgrades	Council has allocated funds to assist the LA funding and there are unspent funds of \$200,000 from previous financial year. Works have been completed.	\$301,306.32	\$270,000	\$31,306.32
Manyallaluk	Design, scope & costings for sealing from jump up to the township, drainage and	Gordon and Boytell Associates have been awarded the contract for survey and civil design. Preliminary drawings were	\$100,000	\$48,403	\$51,597

	reseal internal road.	submitted for review and approval.			
Rocky Creek Bridge Project	Upgrade/Replace Rocky Creek Bridge	Project transferred to DIPL to project manage. Update to be provided at the meeting. Report in Agenda.	\$5.7m (Est)	\$249,000 for Design \$800,000 Stage 1.	N/A
Numbulwar Resealing Project	Reseal all roads in Numbulwar	GHD was engaged to survey and design the roads and drainage in Numbulwar. Survey completed. GHD submitted basis of design parameters and preliminary drawings for approval to proceed further to final drawings.	\$149,076 \$3,366.50 (variation to survey the Oval)	\$86,527	\$65,915.50

ISSUES/OPTIONS/SWOT

NIL

FINANCIAL CONSIDERATIONS

NIL

ATTACHMENTS:

OPERATIONAL REPORT



ITEM NUMBER	11.1
TITLE	Roads expenditure allocation report as at 25th October 2019 for \$2 million
REFERENCE	869640
AUTHOR	Vikrant JAGARLAMUDI, Roads Coordinator

RECOMMENDATION

That the Roads Committee receive and note the reconciliation of \$2 million against the projects allocated.

BACKGROUND

In the last Roads Committee Meeting, a request to present the roads projects tied against the \$2 million budget was made. This will provide a clear indication of the untied funds still available to be allocated to the new projects.

ISSUES/OPTIONS/SWOT

Please find the attached report which indicates that \$726,967 is still available to be allocated. The report also highlights that four projects are in design stage only and will need further funding from available untied funds for actual delivery of works.

FINANCIAL CONSIDERATIONS

Nil

ATTACHMENTS:

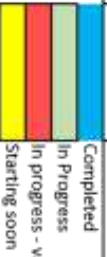
1 [↓](#) Road Projects Council \$2M funded.pdf

ROPER GULF REGIONAL COUNCIL

Projects completed from \$2 M Council budget allocated for Local Roads Maintenance

5
2,000,000.00

S No.	Year	Location	Description	Notes	Budget Allocated	R/Officer	Project Status
1	18/19	Urumpunga	Urumpunga access road maintenance and shoulder repairs on roads in the community	Yngul Manja Aboriginal Corporation has undertaken the maintenance grade and shoulder repairs.	\$66,000	Vik	Works have been completed
2	18/19	Larrimah and Daly Waters	To reseal Mahony Street in Larrimah and Stuart street, Forrest Street in Daly Waters	Gibson Civil has resealed the roads in Larrimah and Daly Waters and installed signs.	\$250,000	Vik	Works have been completed
3	19/20	Minyeri	Upgrade roads and drainage in the community	Downes Gradenways has conducted shoulder repairs, and reseal on roads in Minyerri.	\$100,000	Vik	Works have been completed
4	18/19	Numbulwar	Survey and Designs for road and Drainage	GHD is engaged to design for road upgrades	\$149,000	Vik	Survey completed. GHD has submitted basis for design report on 25th September. Currently drafting concept designs and expected date for completion is 30th October
5	19/20	Manyalluk	Internal Roads and Drainage Design	Received quotes for design and engineering consulting.	\$100,000	Vik	Awarded to the Gordon and Boylell Works have commenced.
6	18/19	Bulman	Design to upgrade drainage on road leading to cul-de-sac	Concept design has been submitted by Flanagan consulting for approval. Issues raised at design stage.	\$47,533	Vik	Laised with DIPPL to identify road reserves on central arnhem road and allow for a culvert on the road near Bulman - Variation needed
7	18/19	Mataranka	Cemetery upgrades, Main street upgrade in Jilkminggan and Road to shop in Urumpunga	Coffey has been engaged for design and engineering consulting services.	\$120,500	Vik	Survey completed in Mataranka and Jilkminggan. Coffey drafting concept designs for cemetery upgrades and relocation of power poles in Jilkminggan - Variation needed
8	19/20	Weemol	Shoulder and Reseal works on internal roads	Tenders documents Prepared and open	\$320,000	Vik	Tender closes on 30th October 2019
9	19/20	Larrimah	Shoulder repairs	Downes Gradenways has provided with a quote for the works	\$60,000	Vik	Works commencing from 29th October 2019
Totals					\$1,213,033		
Remaining Funds to be allocated					\$796,967		
1 Variation On Existing Projects							
6	18/19	Bulman	Design to upgrade drainage on road leading to cul-de-sac	Concept design has been submitted by Flanagan consulting for approval. Issues raised at design stage.	\$30,000	Vik	Additional design and survey required after clarification from DIPPL on the road reserve and internal roads causing draining issues
7	18/19	Mataranka	Cemetery upgrades, Main street upgrade in Jilkminggan and Road to shop in Urumpunga	Coffey has been engaged for design and engineering consulting services.	\$30,000	Vik	Additional survey required for Cemetery and Waste Management Facility in Urumpunga.
					Approval needed		
					Remaining Funds after variation		
					\$60,000		
					\$726,967		



Completed
In Progress
In progress - variation needed.
Starting soon

GENERAL BUSINESS



ITEM NUMBER	12.1
TITLE	Jilkmिंगgan Main Street Update
REFERENCE	867287
AUTHOR	Vikrant JAGARLAMUDI, Roads Coordinator

RECOMMENDATION

That the Roads Committee receives and notes the update on Jilkmिंगgan Main Street design update.

BACKGROUND

As part of the Jilkmिंगgan Main Street upgrade, Coffey Consulting has conducted initial site investigations and survey works necessary to remove the island and re-locate the power poles from the center of the road. They have developed and submitted electrical designs that were reviewed and approved by Power and Water Corporation for development. It is estimated that the works will cost \$87,500 GST exc.

ISSUES/OPTIONS/SWOT

Coffey Consulting is seeking consent and approval prior to commencing to next stage of design to realign the road and upgrade drainage. Council will take these designs to the LA meeting on 03 December for Community consultation. Approval of electrical designs will allow removal of the traffic island and provide adequate space to realign the road in to a single road with the required carriageway width for drainage and footpaths.

The decision on the approval will take project to the next stage which will provide council with the full costing of completing the roads' work. Cost estimates will be presented to the committee in next meeting.

FINANCIAL CONSIDERATIONS

Nil

ATTACHMENTS:

[1](#) Jilkmिंगgan LV.pdf

GENERAL BUSINESS



ITEM NUMBER	12.2
TITLE	Numbulwar Road Upgrades Update
REFERENCE	867413
AUTHOR	Vikrant JAGARLAMUDI, Roads Coordinator

For the upRECOMMENDATION

That the Roads Committee receives and notes update on Numbulwar Roads upgrade stage 1

BACKGROUND

GHD Consulting has undertaken the survey of all roads and submitted a design basis report which provides assumptions to upgrade roads and drainage to relevant Australian Standards. GHD has provided 60% of designs so far and have been given approval to provide the remaining 40% and has committed to provide a complete suite of drawings by 30 November 2019.

ISSUES/OPTIONS/SWOT

Designs provided by GHD Consulting will help to achieve and construct appropriate drainage to withstand heavy storms in the region and pavements to meet the existing and future traffic trends. They also will assist to provide suggestions on measures to maximise the use of natural materials available in close proximity to the works. GHD will assist to provide the Council with initial construction costs and ongoing maintenance costs during budget preparations.

FINANCIAL CONSIDERATIONS

NIL

ATTACHMENTS:

1 [↓](#) 43-22988-ISSUED FOR 60_ DESIGN REVIEW.pdf

ROPER GULF REGIONAL COUNCIL NUMBULWAR ROAD AND STORM WATER DESIGN

43-22988



LOCALITY PLAN
N18

DRAWING NO	DRAWING INDEX
43-22988-001	COVER SHEET - LOCALITY PLAN AND DRAWING INDEX
43-22988-002	GENERAL NOTES - SHEET 1 OF 2
43-22988-003	GENERAL NOTES - SHEET 2 OF 2
43-22988-004	GENERAL SITE PLAN
43-22988-005	URBAN ARRANGEMENT PLAN
43-22988-006	TYPICAL ROAD SECTIONS
43-22988-007	TYPICAL DETAILS - SHEET 1 OF 2
43-22988-008	TYPICAL DETAILS - SHEET 2 OF 2
43-22988-009	PROPPOSED DETAILS
43-22988-010	INTERSECTION PLAN - SHEET 1 OF 2
43-22988-011	INTERSECTION PLAN - SHEET 2 OF 2
43-22988-012	SOIL CLASSIFICATION
43-22988-013	ALIGNMENT PLAN AND RETOUR TABLE
43-22988-014	PLAN AND LONGITUDINAL SECTION - ROAD 02 - CH 00 TO CH 299.46 - SHEET 1 OF 8
43-22988-015	PLAN AND LONGITUDINAL SECTION - ROAD 03 - CH 300 TO CH 199.40 - SHEET 2 OF 8
43-22988-016	PLAN AND LONGITUDINAL SECTION - ROAD 04 - CH 01 TO CH 214.89 - SHEET 3 OF 8
43-22988-017	PLAN AND LONGITUDINAL SECTION - ROAD 05 - CH 02 TO CH 302.50 - SHEET 4 OF 8
43-22988-018	PLAN AND LONGITUDINAL SECTION - ROAD 06 - CH 303.00 TO CH 482.30 - SHEET 5 OF 8
43-22988-019	PLAN AND LONGITUDINAL SECTION - ROAD 07 - CH 483.00 TO CH 471.80 - SHEET 6 OF 8
43-22988-020	PLAN AND LONGITUDINAL SECTION - ROAD 08 - CH 500 TO CH 300.00 - SHEET 7 OF 8
43-22988-021	PLAN AND LONGITUDINAL SECTION - ROAD 09 - CH 300.00 TO CH 448.91 - SHEET 8 OF 8
43-22988-022	CROSS SECTIONS - ROAD 02 - SHEET 1 OF 3
43-22988-023	CROSS SECTIONS - ROAD 02 - SHEET 2 OF 3
43-22988-024	CROSS SECTIONS - ROAD 02 - SHEET 3 OF 3
43-22988-025	CROSS SECTIONS - ROAD 03 - SHEET 1 OF 1
43-22988-026	CROSS SECTIONS - ROAD 03 - SHEET 1 OF 1
43-22988-027	CROSS SECTIONS - ROAD 03 - SHEET 1 OF 1
43-22988-028	CROSS SECTIONS - ROAD 04 - SHEET 1 OF 1
43-22988-029	CROSS SECTIONS - ROAD 04 - SHEET 1 OF 1
43-22988-030	CROSS SECTIONS - ROAD 05 - SHEET 1 OF 1
43-22988-031	CROSS SECTIONS - ROAD 05 - SHEET 1 OF 1
43-22988-032	CROSS SECTIONS - ROAD 06 - SHEET 1 OF 1
43-22988-033	CROSS SECTIONS - ROAD 06 - SHEET 1 OF 1
43-22988-034	CROSS SECTIONS - ROAD 07 - SHEET 1 OF 1
43-22988-035	CROSS SECTIONS - ROAD 07 - SHEET 1 OF 1
43-22988-036	CROSS SECTIONS - ROAD 08 - SHEET 1 OF 1
43-22988-037	CROSS SECTIONS - ROAD 08 - SHEET 1 OF 1
43-22988-038	CROSS SECTIONS - ROAD 09 - SHEET 1 OF 1
43-22988-039	CROSS SECTIONS - ROAD 09 - SHEET 1 OF 1
43-22988-040	CROSS SECTIONS - ROAD 09 - SHEET 2 OF 2
43-22988-041	DRAINAGE PLAN
43-22988-042	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 1 OF 2
43-22988-043	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 2 OF 2
43-22988-044	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 3 OF 2
43-22988-045	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 4 OF 2
43-22988-046	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 5 OF 2
43-22988-047	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 6 OF 2
43-22988-048	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 7 OF 2
43-22988-049	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 8 OF 2
43-22988-050	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 9 OF 2
43-22988-051	PROPOSED PLAN AND LONGITUDINAL SECTION - SHEET 10 OF 2

DRAWING NO	DRAWING TITLE
CS-3100	GENERAL DRAINAGE NOTES AND ALIGN DETAILS
CS-3101	INFILTRATION BEDDING AND FLOODPROOFING AND OVER CULVERTS
CS-3102 TO CS-3108	PROPOSED MANHOLE AND MANHOLE DETAILS
CS-3109	PROPOSED ROAD TYPICAL ARRANGEMENT AND RETENTION OF TWICEST LANE'S
CS-3110	POB AND LINK SLAB CONSTRUCTION AND HEADWALLS
CS-3111 TO CS-3116	POB AND LINK SLAB CONSTRUCTION OF BASES
CS-3117	SOE ENTRY PIT - LOAD CLASS D CONCRETE DETAILS - SHEET 1 OF 3
CS-3118	SOE ENTRY PIT - LOAD CLASS D CONCRETE DETAILS - SHEET 2 OF 3
CS-3119	SOE ENTRY PIT - LOAD CLASS D CONCRETE DETAILS - SHEET 3 OF 3
CS-3120	SOE ENTRY PIT EXTENSION CLASS D FRAME AND LID - LANDFILL DETAILS
CS-3121	TYPICAL SUSSEDR DRAINAGE DETAILS FOR URBAN AREAS
CS-3122	SOE ENTRY PIT STRUCTURE
CS-3123	PROPOSED KERB PROFILES
CS-3124	URBAN SWALE & DOUBLE INDEPENDENT ACCESSSES
CS-3125	TACTILE GRUNDO SURFACE INDICATOR (TISA) SHEET 1 OF 1 - KERB SWAMP
CS-3126	FLOOD GAUGE POSITS

PRELIMINARY	NO	NO	NO

Roper Gulf
REGIONAL COUNCIL
LALOR STREET, TULLAH, VIC 3113

GHD
1000 SOUTH ROAD, MELBOURNE VIC 3000
TEL: 03 9592 9000 FAX: 03 9592 1800

DO NOT SCALE	DATE	BY	FOR

DESIGNER	CHECKED	DATE

ROPER GULF REGIONAL COUNCIL
NUMBULWAR ROAD AND STORMWATER DESIGN - CIVIL WC
COVER SHEET - LOCALITY PLAN
DRAWING INDEX

SECTION 31.00 - UTILITIES

1. WHERE EITHER CONTRACT SPECIFICATION OR SPECIFICATION IS REFERENCED IN THE NOTES, IT SHALL BE TAKEN TO MEAN THE STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION.
2. DRAWINGS TO BE USED IN CONJUNCTION WITH THE CONTRACT AND ALL OTHER CONTRACT DOCUMENTATION SHALL BE THE LATEST EDITION AND SHALL BE CHECKED FOR ANY CHANGES.
3. ALL UTILITY LINES AND MANHOLES SHALL BE IDENTIFIED ON SITE AND SHOWN ON THE DRAWINGS.
4. ANY DISCREPANCY OR AMBIGUITY SHALL BE REPORTED TO THE SUPERVISOR BEFORE WORK PROCEEDS.
5. MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATION AND CURRENT AUSTRALIAN STANDARDS. PROJECT SPECIFICATION AND REVISIONS FROM SITE EXCESS MATERIAL NOT USED.
6. STORAGE PILES AS DIRECTED BY THE SUPERVISOR AND REMOVE FROM SITE EXCESS MATERIAL NOT USED.
7. GRADE FINISHED SURFACES SHALL BE TO THE DESIGNER'S SPECIFICATION.
8. DESIGN AND REMOVE ALL EXISTING UTILITIES WHICH ARE TO BE AFFECTED BY NEW WORKS EXCEPT OF DEMOLITION TO BE COMPLETED ON SITE WITH THE SUPERVISOR'S PRIOR TO COMMENCEMENT OF WORKS.

EXISTING SERVICES:

1. THESE DRAWINGS ARE A SCHEMATIC REPRESENTATION OF SERVICES INFORMATION CONTAINED IN DRAWINGS ISSUED BY THE RELEVANT AUTHORITY. THE INFORMATION CONTAINED IN THESE DRAWINGS IS NOT TO BE USED FOR THE DESIGN OF ANY OTHER WORKS. THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH AND TYPE OF ALL EXISTING SERVICES AT THE COMMENCEMENT OF WORKS. OTHER THAN THE AUTHORITY HAVE BEEN PROVIDED, BUT ADDITIONAL INFORMATION SERVICES MAY BE PROVIDED SHOULD THE CONTRACTOR BE AWARE THAT EXISTING SERVICES ARE AT RISK OF DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHOULD NOTIFY THE RELEVANT AUTHORITIES AND ESTABLISH THE EXACT LOCATION OF THE SERVICES.
2. OTHER SERVICES AND APPURTENANCES MAY EXIST ON THE SITE.
3. BEFORE COMMENCEMENT OF EXCAVATION, SURVEYING AND CONSTRUCTION CONTRACTOR SHALL:
 - a. CONSULT WITH SERVICES AUTHORITY AND SUPERVISOR AND OBTAIN INFORMATION REGARDING EXISTING UNDERGROUND SERVICES IN THE WORK AREA.
 - b. IDENTIFY LOCATE AND UNCOVER AS NECESSARY ALL EXISTING UNDERGROUND SERVICES IN VICINITY OF ALL EXCAVATION EXCAVATION AND CONSTRUCTION TO BE UNDERGONE FOR THE WORKS.
4. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING SERVICES THAT ARE TO REMAIN THROUGHOUT THE CONSTRUCTION OF THE PROJECT AND THROUGHOUT THE LIFE OF THE PROJECT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL RELEVANT AUTHORITIES.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL RELEVANT AUTHORITIES.
7. CONTRACTOR TO ADAPT USE OF EXISTING SERVICES THAT IS NOT IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS AS REQUIRED.

SETOUT:

1. CONTRACTOR SHALL VERIFY ALL SETOUT COORDINATES, DIMENSIONS AND LEVELS ON SITE BEFORE COMMENCEMENT OF WORKS.
2. THESE DIMENSIONS ARE NOT QUALITY PAINS AND MUST NOT BE USED FOR DETERMINING LOCATION OF SOLIDIFIERS.
3. 30 CHAINS OR EQUIVALENT, MUST BE PROVIDED ON REQUEST FOR INFORMATION ONLY.

SITE PREPARATION:

1. PRIOR TO RECEIPT OF ANY NEW FILLING, PAWMENT MATERIALS OR CONSTRUCTION OF SUBS OR FOUNDATIONS, THE FOLLOWING SITE PREPARATION SHOULD BE CARRIED OUT:
 - 1.1. STOP EXISTING TOPSOIL OR MATERIAL CONTAINING ORGANIC MATTER AND GRAZE OUT ANY REMAINING ROOTS FOR THE FULL EXTENT OF WORKS. THIS MATERIAL IS NOT CONSIDERED SUITABLE FOR SELECT FILL BUT CAN BE STOCKPILED FOR LATER USE AS NON-STRUCTURAL FILL.
 - 1.2. THE EXISTING MATERIAL TO A DEPTH OF 200MM AND ADJUST THE MOISTURE CONTENT TO OPTIMUM MOISTURE CONTENT (MOC) BY WETTING OR DRYING SAND AS REQUIRE.
 - 1.3. IN FILL AREAS:
 - COMPACT THE MOISTURE CONDITIONED SOIL TO A MINIMUM OF 95% W.M.D.
 - COMPLETE FILL TEST ROLLING USING A 30' 40 TONNE MULTI THROD ROLL UNDER THE SUPERVISION OF THE SUPERVISOR.
 - SET WINGS IDENTIFIED DURING THE FILL TEST ROLLING SHALL BE REMOVED AND REPLACED WITH SELECT FILL PLACED IN LIFTS NOT EXCEEDING 200MM LOOSE THICKNESS WITH EACH LIFT COMPACTED TO 95% W.M.D.
 - IN CUT AREAS (IE SUBGRADE LEVEL):
 - COMPACT THE MOISTURE CONDITIONED SOIL TO A MINIMUM OF 95% W.M.D.
 - COMPLETE FILL TEST ROLLING USING A 30' 40 TONNE MULTI THROD ROLL UNDER THE SUPERVISION OF THE SUPERVISOR.
 - 1.4. WATER SEEPAGE MAY BE ENCOUNTERED AND THE CONTRACTOR SHOULD MAKE PROVISIONS FOR WATER REMOVAL DURING CONSTRUCTION.

EARTHWORKS NOTES:

1. REFER TO THE SPECIFICATION FOR EARTHWORKS FILL MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
2. FILL MATERIAL TO MEET SELECT FILL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
3. COMPACT THE SELECT FILL MATERIAL TO A MINIMUM OF 95% W.M.D. THE TOP 200MM LAYER TO BE COMPACTED TO 100% W.M.D.
4. COMPLETE FILL TEST ROLLING USING A 30' 40 TONNE MULTI THROD ROLL UNDER THE SUPERVISION OF THE SUPERVISOR.
5. SOFT AREAS IDENTIFIED DURING THE FILL TEST ROLLING SHALL BE REMOVED AND REPLACED WITH SELECT FILL PLACED IN LIFTS NOT EXCEEDING 200MM LOOSE THICKNESS WITH EACH LIFT COMPACTED TO 95% W.M.D. WITH THE TOP 200MM LAYER COMPACTED TO 100% W.M.D.

SECTION 31.00 - UTILITIES

4. WATER SEEPAGE MAY BE ENCOUNTERED AND THE CONTRACTOR SHOULD MAKE PROVISIONS FOR WATER REMOVAL DURING CONSTRUCTION.
5. FILL MATERIAL TO MEET SELECT FILL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
6. COMPLETE FILL TEST ROLLING USING A 30' 40 TONNE MULTI THROD ROLL UNDER THE SUPERVISION OF THE SUPERVISOR.

PAWMENT CONSTRUCTION:

1. REFER TO THE SPECIFICATION FOR PAWMENT MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
2. MAKE COURSE MATERIAL TO MEET TYPE 2.3 GENERAL MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.

SPRAY SEAL AND DENSE GRADE ASPHALT NOTES:

1. REFER CONTRACT SPECIFICATION FOR SPRAY SEAL AND DENSE GRADE ASPHALT MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
2. FILL WITH APPROVED GRANULAR FILL AND TEST TO REQUIREMENTS.
3. PROVIDE A PROPER SURFACE PREPARED FROM TOPOGRAPHY PRIOR TO APPLYING SPRAY SEAL OR DENSE GRADE ASPHALT.
4. APPLY SPRAY SEAL OR DENSE GRADE ASPHALT TO BE PROVIDED TO SUPERVISOR FOR APPROVAL.
5. WHEEL NOT SPECIFIED ON DRAWINGS USE INSTEAD TYPE 30K.

TABLE DRAIN AND OFFLETS / OPEN DRAINS

1. COMPACT THE TOP SOIL TO 95% W.M.D.
2. PLACE TOP SOIL OVER TOP SOIL AND PLACE DRAINS TO SUPERVISOR'S REQUIREMENTS. DRAINS TO BE MAINTAINED UNTIL FIRST CUT. TYPE OF DRAIN TO BE COVERED BY SUPERVISOR PRIOR TO COVERING GRASS. COVER TO BE UNIFORM AND COVER A MINIMUM OF 0.3 M² AND CONTAIN UNITS DISPLAYING THE EXACT DIRECTION AND LENGTH IS TO BE COMPARED WITH THE SUPERVISOR'S DRAWING.

DRAINAGE NOTES:

1. REFER CONTRACT SPECIFICATION FOR DRAINAGE MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
2. CHECK ALL PIPES TO BE INSTALLED AS PER ASHS 305:2007.
3. BOX COLLECTERS WITH GRILL AND HEIGHT NOT EXCEEDING 1200MM TO BE INSTALLED AS PER AS 1907:2010.
4. BOX COLLECTERS WITH GRILL AND HEIGHT EXCEEDING 1200MM TO BE INSTALLED AS PER AS 1907:2010.
5. ALL OPEN DRAINS TO BE COVERED WITH VIBRA TOPSOIL AND GRASSED UNLESS SHOWN OTHERWISE ON DRAWINGS.

CONCRETE NOTES - CIVIL ONLY (WERS) / FOOTPATHS / POSTS / BOLLARDS ETC.):

1. REFER CONTRACT SPECIFICATION FOR REINFORCING CONCRETE MATERIAL PROPERTIES, PLACEMENT, SURFACE FINISH, JOINTING, CURING AND TESTING REQUIREMENTS.
2. WHERE NOT SPECIFIED ON DRAWINGS ALL CONCRETE TO BE SET WITH 50MM SLUMP.
3. WHERE NOT SPECIFIED ON DRAWINGS ALL CONCRETE TO BE SET TO BE GRADE 30/18.
4. WHERE NOT SPECIFIED ON DRAWINGS, REINFORCEMENT STEEL TO BE GRADE 30/18.

TRAFFIC MANAGEMENT:

1. REFER CONTRACT SPECIFICATION FOR TRAFFIC CONTROL, STORAGE, UNLOADING PROPERTIES, SIZE, PLACEMENT AND TESTING REQUIREMENTS.
2. TRAFFIC CONTROL DEVICES TO BE INSTALLED AS PER AS 1942.1 - 5 MINIMUM OF UNIFORM TRAFFIC CONTROL DEVICES.
3. UNLESS SPECIFIED OTHERWISE, TRAFFIC SIGNS TO BE SIZE 8.

SAFETY IN DESIGN NOTES:

1. IF NOT INCLUDED AS PART OF THE DRAWING SET OR CONTRACT DOCUMENTATION THE CONTRACTOR IS TO REQUEST THE DESIGNER TO PROVIDE ALL DOCUMENTATION FOR THE SUPERVISOR'S REFERENCE PRIOR TO WORKS COMMENCEMENT.
2. CONTRACTOR TO MAKE SURE THAT ALL DOCUMENTS ARE WITH CURRENT DATE AND EDITION.
3. HIGH RISK OR HIGH STRUCK RISK DEVICES:
 - NOT DESIGNATED BY CHD 72
 - IF TICKED, REFER TO DOCUMENTATION FOR RISK MITIGATION CONTROLS.

GEO TECHNICAL INFORMATION:

DOCUMENTS DETAILS	
PROJECT No:	HT03/01/01
DOCUMENT TITLE:	GEOTECHNICAL INVESTIGATION FOR THE PROPOSED ROAD LAYOUTS KIMBILWAR, NORTHERN TERRITORY
REPORT PREPARED FOR:	CHD
FILENAME:	HT03/01/01 - MANUAL INVESTIGATION LAYOUTS REPORT REV A

POINT #	SURVEY SETOUT POINTS		
	EASTING	NORTHING	LEVEL
700016	578715.240	642126.412	9.015
150017	577025.180	642127.580	7.952
817001	580700.980	642128.544	8.781
817002	580704.140	642129.222	7.716
817003	57907.130	642130.020	6.830
817004	57901.944	642130.624	4.112
817005	57904.222	642131.228	5.283
817006	57874.240	642131.772	5.180
817007	57873.944	642032.184	3.580

DEMOLITION:

1. ALL EXISTING ROAD SIDE TO BE REMOVED AND DEPOSITED OFF SITE IN AN AREA APPROVED WITH THE SUPERVISOR.



DO NOT SCALE
Contractor to verify all dimensions and levels on site prior to commencement of work. If any discrepancies are identified, the contractor must advise the designer immediately.

Check / Describe	Design / Engineer	Checked / Approved
Design / Describe	[Signature]	[Signature]
Project / Describe	[Signature]	[Signature]

ROPER GULF REGIONAL COUNCIL
 Project: KIMBILWAR ROAD AND STORMWATER DESIGN - CIVIL WC
 GENERAL NOTES - SHEET 1 OF 2
 49 0000 0000

PRELIMINARY	DATE	BY	NO.	REV.



DO NOT SCALE
This drawing is for information only and is not to be used for any other purpose without the written consent of GHD. All dimensions and quantities are approximate and should be verified on site.

Author	Checked	Designed	Drawn
Project Director	Project Engineer	Project Designer	Project Checker

GENERAL SITE PLAN
SCALE: 1:2000
PROJECT: ROPER GULF REGIONAL COUNCIL
NIMBULWAR ROAD AND STORMWATER DESIGN - CIVIL, WC
DATE: 15/08/2014
DRAWN BY: GHD



PRELIMINARY	DATE	NO.	BY	CHKD.



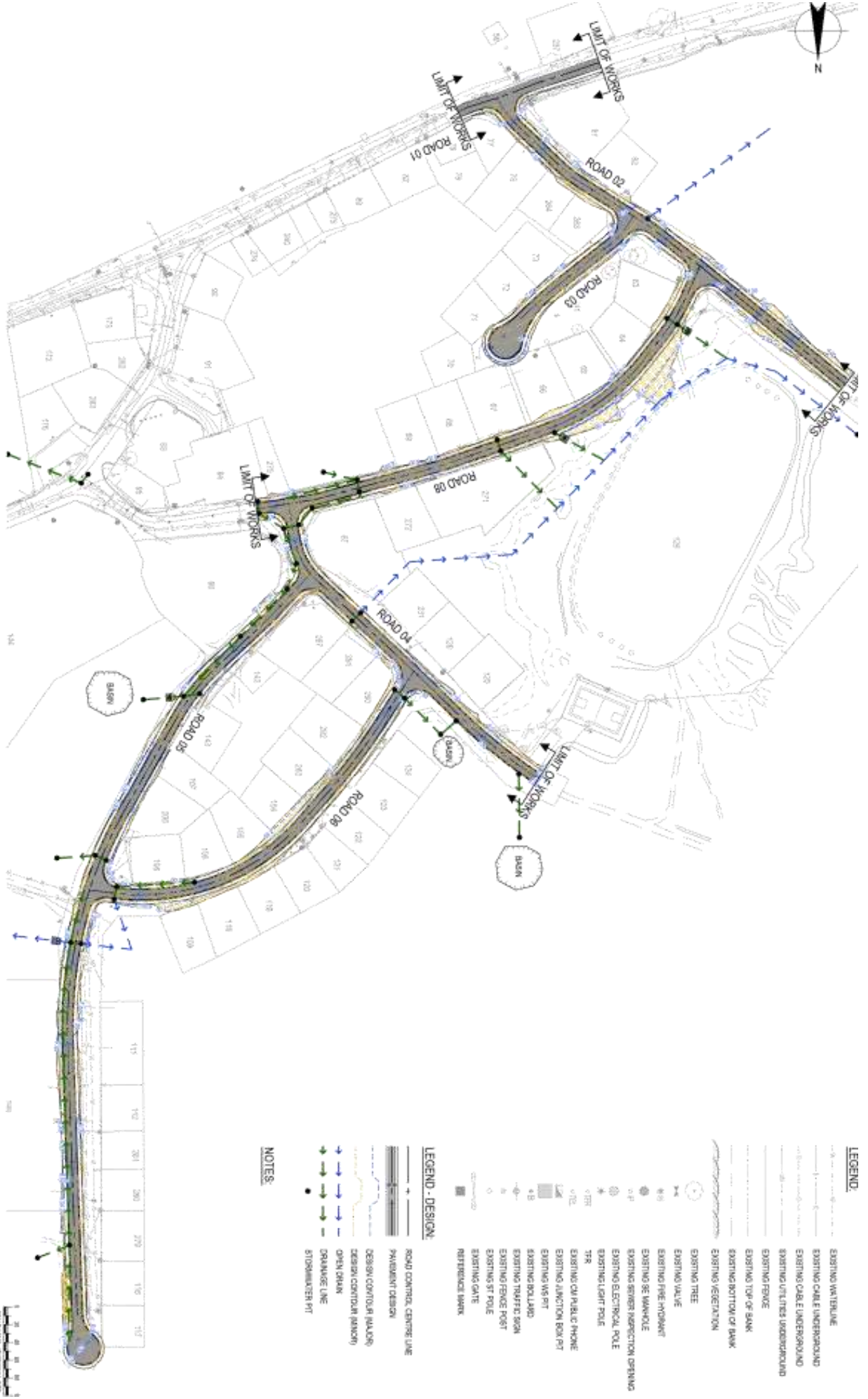
DO NOT SCALE
 This drawing is for informational purposes only and should not be used for construction. It is not to be scaled. All dimensions and locations are approximate and subject to change without notice.

Client: ROPER GULF REGIONAL COUNCIL	Project: KUMBUWAR ROAD AND STORMWATER DESIGN - CIVIL W/O
Design: G. DEBARTY	Designer: G. DEBARTY
Checked: J. BOWMAN	Checker: G. DEBARTY
Approved: [Signature]	Approved: [Signature]

GENERAL SITE PLAN
 40 00000 0000

PRELIMINARY

GENERAL ARRANGEMENT PLAN
 SCALE: 1:5000

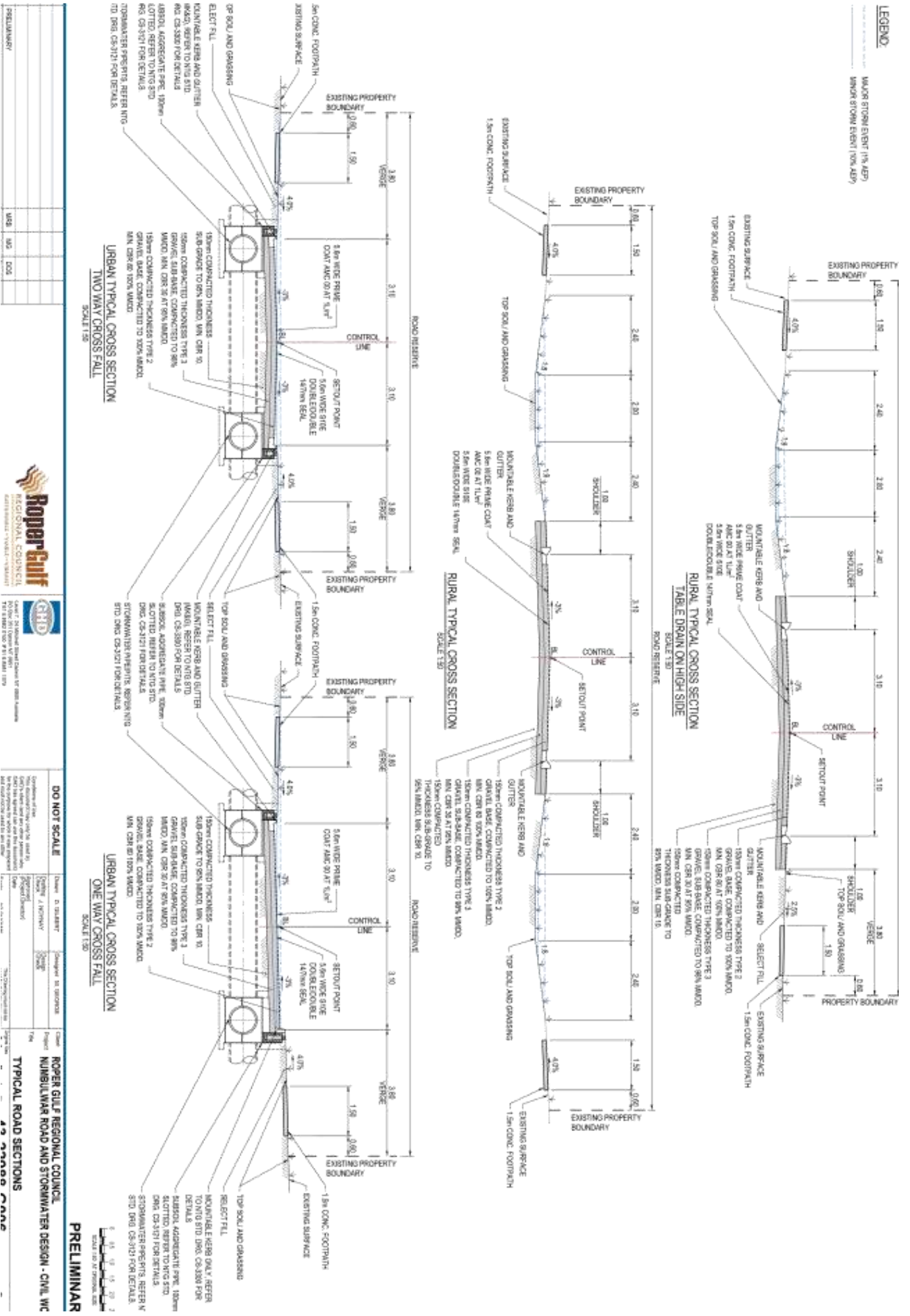


LEGEND - DESIGN

- ROAD CONTROL, CENTER LINE
- PAVEMENT DESIGN
- DESIGN CONTROL (MANSION)
- DESIGN CONTROL (MANSION)
- OPEN DRAIN
- DRAINAGE LINE
- STORMWATER PIT

LEGEND

- EXISTING WATERLINE
- EXISTING CABLE UNDERGROUND
- EXISTING CABLE UNDERGROUND
- EXISTING UTILITIES UNDERGROUND
- EXISTING FENCE
- EXISTING TOP OF BANK
- EXISTING BOTTOM OF BANK
- EXISTING VEGETATION
- EXISTING TREE
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING SE WAKEHOLE
- EXISTING SINKER INSPECTION OPENING
- EXISTING ELECTRICAL POLE
- EXISTING LIGHT POLE
- 75R
- EXISTING ON PUBLIC PHONE
- EXISTING JUNCTION BOX PIT
- EXISTING WAS PIT
- EXISTING BOLLARD
- EXISTING TRAFFIC SIGN
- EXISTING FENCE POST
- EXISTING ST POLE
- EXISTING GATE
- REFERENCE MARK



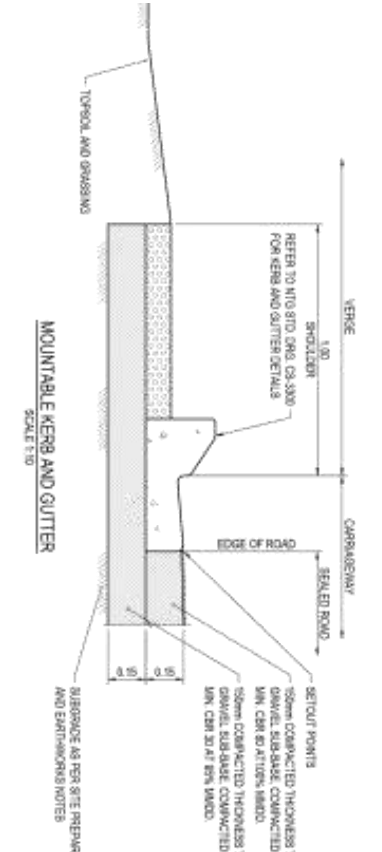
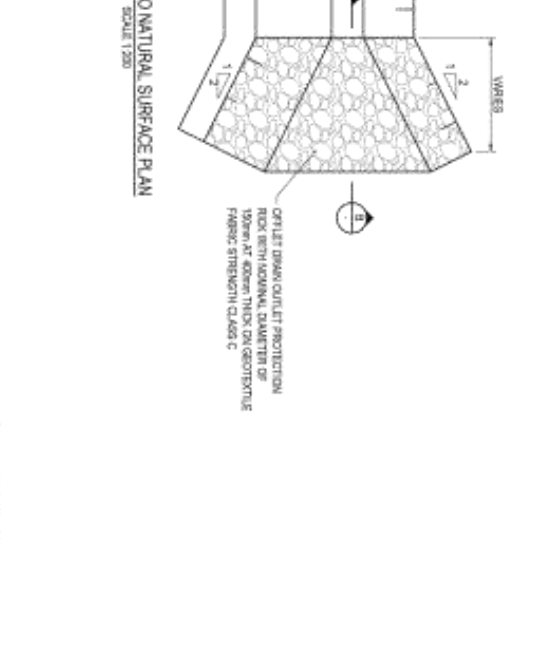
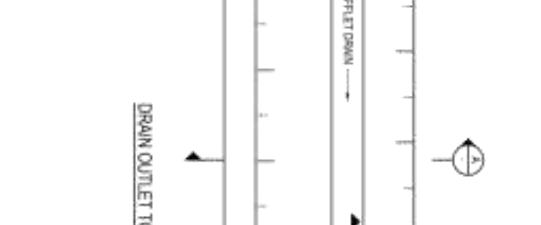
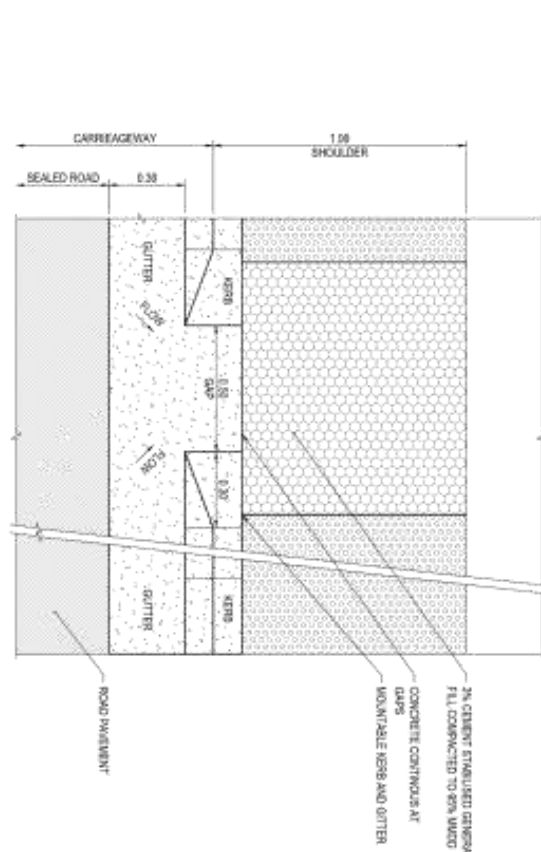
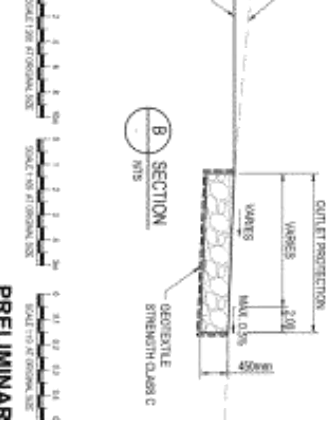
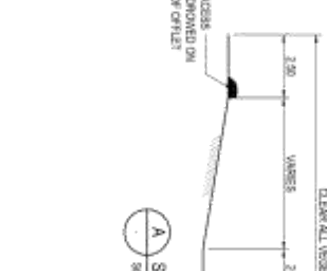
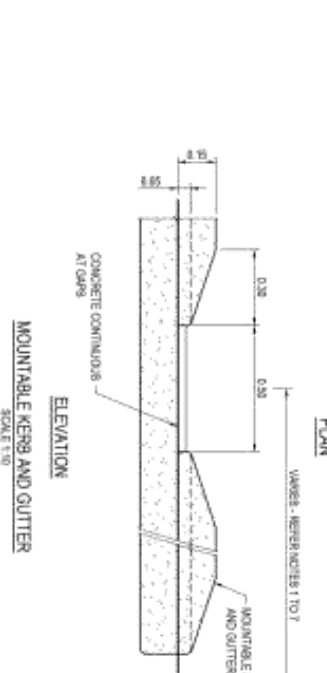
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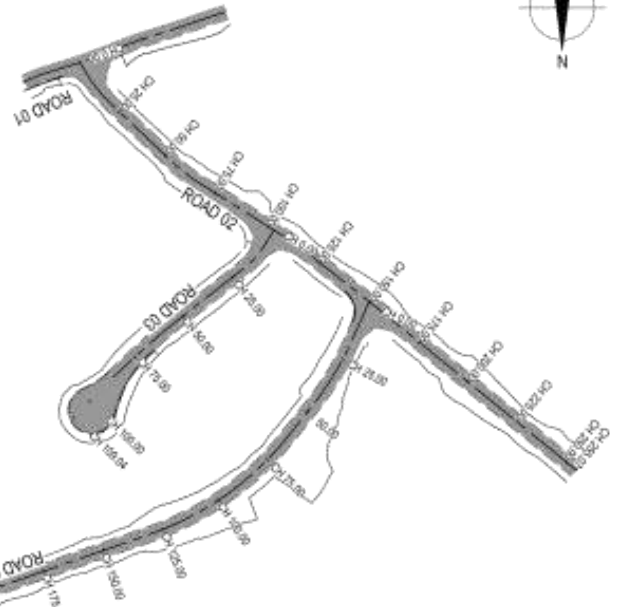
DO NOT SCALE

Drawn by	Checked by	Design by	Project
J. McNamey	S. Galt	S. Galt	ROPER GULF REGIONAL COUNCIL

ROPER GULF REGIONAL COUNCIL
NIMBILWAR ROAD AND STORMWATER DESIGN - CIVIL WC
TYPICAL DETAILS SHEET 2 OF 2
43 22988 0000

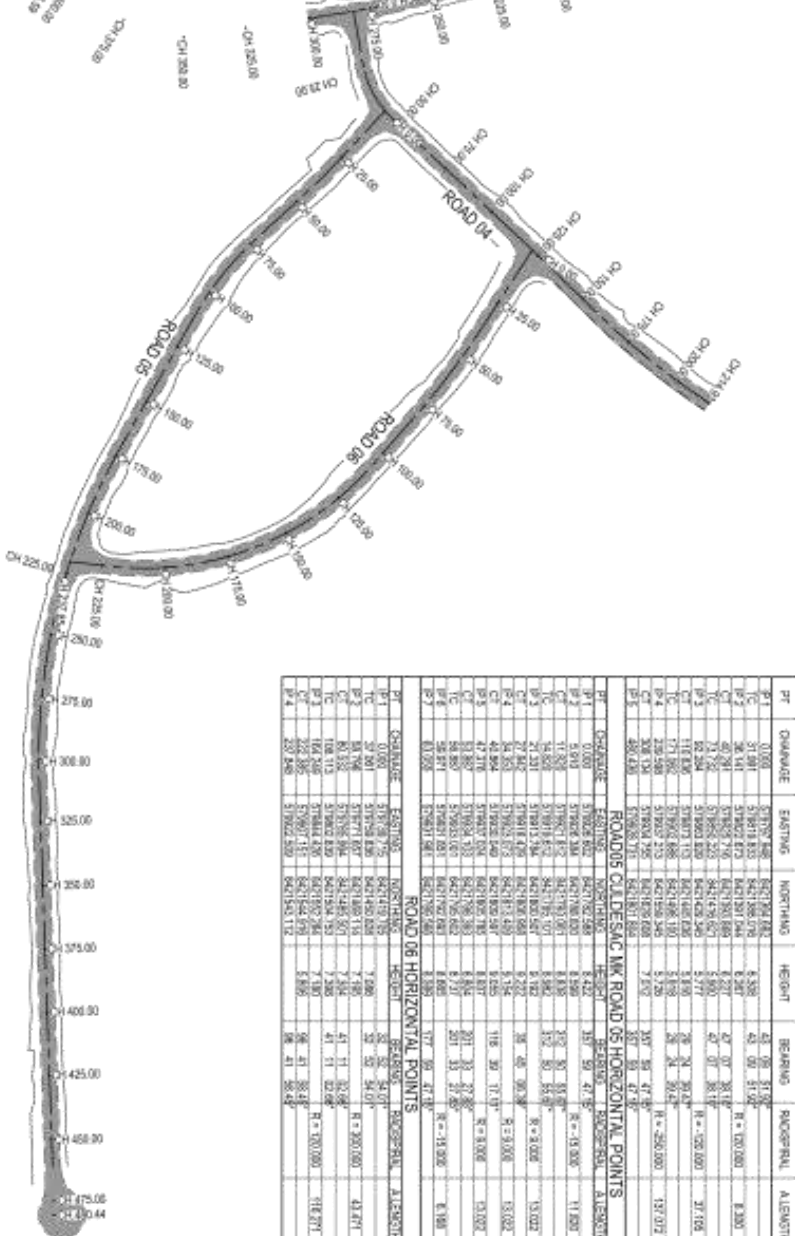


- NOTES:**
- REFER TO DR. 910.096 (CS300) FOR GRAVEL MOUNTABLE KERB AND GUTTER DETAILS
 - GAPS AT 200mm MAX. C/S - KERBS BETWEEN GAPS AT 200mm MAX. C/S - 75mm
 - GRAVEL THERE IS A GAP AT ALL DOWN POINTS
 - KERB LENGTHS ALONG SHORT SECTIONS ARE BE REDUCED TO ENSURE EQUAL KERB LENGTHS
 - WHERE FOOTPRINT CROSS THE ROAD, A 1:1 WINDO GAP BETWEEN KERBS IS REQUIRED
 - PLACE TOPSOIL 50mm SOIL AND GRASS ALL WIND ROAD RESERVE
 - REFER TO NITS STANDARD SPECIFICATION FOR ROADWAYS 2017 FOR MATERIAL PROPERTIES



PT	CHANGEP	EASTING	NORTHING	HEIGHT	BEARING	WADSPERAL	ALIGNMTH	DEF.LANGLE
P1	0.00	57875.367	62119.147	6.983	24 16 08.28			
P2	57.247	57868.452	642120.907	7.546	24 16 08.28			
P3	32.108	57897.568	642120.529	7.741	R = 20.000	20.752	14 11 28.17	
P4	46.988	57905.838	642122.242	7.706	24 21 26.44			
P5	62.307	57915.437	642124.322	7.832	24 21 26.44			
P6	90.320	57942.030	642127.679	7.996	R = 20.000	67.878	28 24 23.77	
P7	181.206	57994.878	642135.144	7.817	24 48 10.11			
P8	188.726	57978.292	642137.782	7.789	24 48 10.11			
P9	182.598	57924.435	642133.543	7.853	R = 100.000	62.051	4 10 31.54	
P10	397.801	57928.735	642133.543	7.853	24 28 41.74			
P11	293.559	57928.735	642122.158	7.829	24 28 41.74			
P12	208.226	57943.469	642122.746	7.932	R = 80.000	1.274	6 02 37.24	
P13	248.803	57943.469	642122.746	7.932	48 09 10.02			
P14	324.852	57972.124	642125.124	8.123	48 09 10.02			
P15	378.520	57922.817	642127.721	8.123	R = 40.000	37.842	42 21 27.22	
P16	408.548	57828.238	642130.548	8.589	52 26 26.98			

ALIGNMENT PLAN
SCALE 1:1000



PT	CHANGEP	EASTING	NORTHING	HEIGHT	BEARING	WADSPERAL	ALIGNMTH	DEF.LANGLE
P1	0.00	57945.703	642092.423	4.728	202 07 20.47			
P2	1.944	57947.028	642092.241	4.728	202 07 20.47			
P3	10.600	57947.411	642100.001	4.728	R = -60.000	18.444	18 24 02.81	
P4	20.528	57948.504	642112.820	4.744	213 23 47.87			
P5	34.788	57948.504	642112.820	4.800	213 23 47.87			
P6	60.004	57948.415	642114.406	4.860	R = -200.000	11.226	11 12 22.23	
P7	90.522	57948.415	642114.406	4.728	202 21 20.47			
P8	142.511	57941.541	642112.820	4.800	R = 200.000	20.181	5 48 03.54	
P9	172.602	57947.512	642114.502	4.796	202 08 18.87			
P10	182.600	57948.415	642114.502	4.844	202 08 18.87			
P11	184.618	57941.391	642114.502	4.800	R = 200.000	20.181	5 48 03.54	
P12	202.577	57948.415	642114.502	4.800	202 08 21.92			

PT	CHANGEP	EASTING	NORTHING	HEIGHT	BEARING	WADSPERAL	ALIGNMTH	DEF.LANGLE
P1	0.00	57942.706	642115.155	4.830	48 02 47.04			
P2	14.700	57942.706	642115.155	4.830	R = 250.000	28.385	32 31 10.00	
P3	24.306	57942.706	642120.898	4.830	18 11 03.79			
P4	41.306	57942.706	642120.898	4.830	R = 6.000	17.901	110 57 10.00	
P5	41.306	57942.706	642120.898	4.830	R = 6.000	17.901	110 57 10.00	
P6	82.306	57942.706	642120.898	4.830	R = 6.000	17.901	110 57 10.00	
P7	117.306	57942.706	642120.898	4.830	R = 6.000	17.901	110 57 10.00	
P8	152.306	57942.706	642120.898	4.830	R = 6.000	17.901	110 57 10.00	
P9	187.306	57942.706	642120.898	4.830	R = 6.000	17.901	110 57 10.00	
P10	222.306	57942.706	642120.898	4.830	R = 6.000	17.901	110 57 10.00	

PT	CHANGEP	EASTING	NORTHING	HEIGHT	BEARING	WADSPERAL	ALIGNMTH	DEF.LANGLE
P1	0.00	57875.367	62119.147	6.983	24 16 08.28			
P2	31.981	57868.452	642120.907	7.546	24 16 08.28			
P3	46.988	57905.838	642122.242	7.706	R = 100.000	8.200	3 37 10.00	
P4	71.576	57942.030	642127.679	7.996	24 48 10.11			
P5	90.320	57994.878	642135.144	7.817	R = 200.000	37.106	17 42 10.00	
P6	118.848	57942.030	642127.679	7.996	24 24 26.44			
P7	171.926	57924.435	642133.543	7.853	R = 250.000	13.072	31 24 10.00	
P8	202.598	57924.435	642133.543	7.853	187 36 47.87			
P9	234.286	57828.238	642130.548	8.589	52 26 26.98			



DO NOT SCALE
Check if satisfied: Designer, Engineer, Surveyor, etc.

Author: [Name]
Checked: [Name]
Reviewed: [Name]

ROPER GULF REGIONAL COUNCIL
KIMBILWAR ROAD AND STORMWATER DESIGN - CIVIL WC
ALIGNMENT PLAN AND SETOUT TABLE
75 0000 CAD

LEGEND:

- EXISTING WATERLINE
- EXISTING DATE UNDERGROUND
- EXISTING DATE UNDERGROUND
- EXISTING UTILITY UNDERGROUND
- EXISTING FENCE
- EXISTING TOP OF BANK
- EXISTING VEGETATION
- EXISTING TREE
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING DE MANHOLE
- EXISTING SWISS RECEPTION CHANGING
- EXISTING ELECTRICAL POLE
- EXISTING LIGHT POLE
- EXISTING ON PUBLIC PHONE
- EXISTING JUNCTION BOX PT
- EXISTING SIG PT
- EXISTING BOLLARD
- EXISTING TRAFFIC SIGN
- EXISTING FENCE POST
- EXISTING ST POLE
- EXISTING GATE
- REFERENCE MARK

LEGEND - DESIGN:

- ROAD CONTROL CENTRE LINE
- PAVEMENT DESIGN
- DESIGN CONTOUR (MAJOR)
- DESIGN CONTOUR (MINOR)
- OPEN DRAIN
- DRAINAGE LINE
- STORMWATER PIT

NOTES:

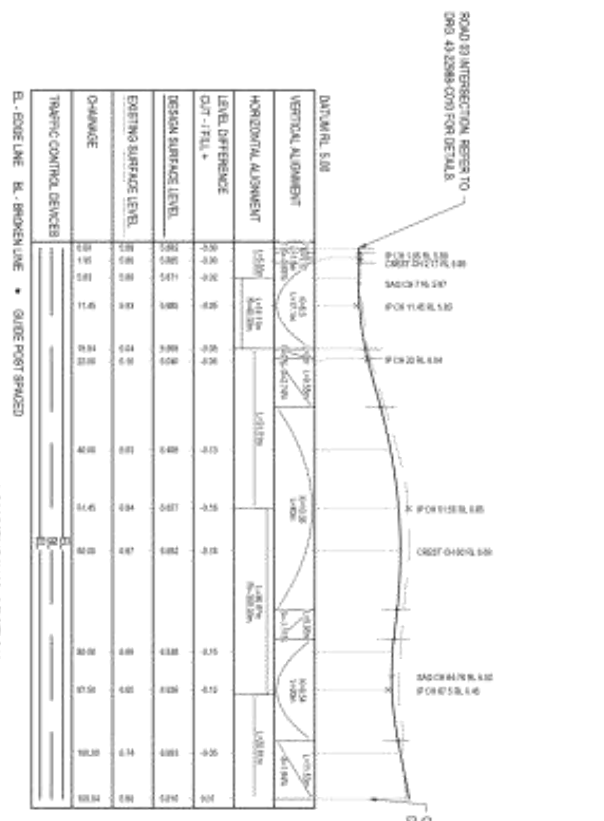
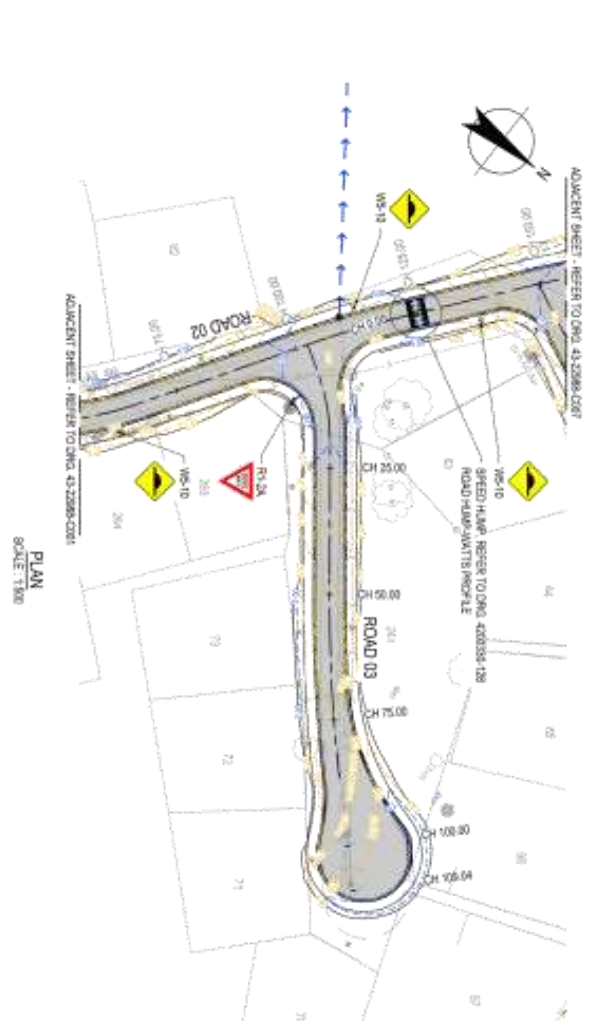


WARNING

SERVICES SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE EXACT LOCATION AND UTILITY ARE TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN ON THE DRAWINGS.



PRELIMINARY	DATE	BY	NO.	DOE



Roper Gulf REGIONAL COUNCIL

CHD

CHD CONSULTANTS

DO NOT SCALE

Checked by: [Name] Date: [Date]

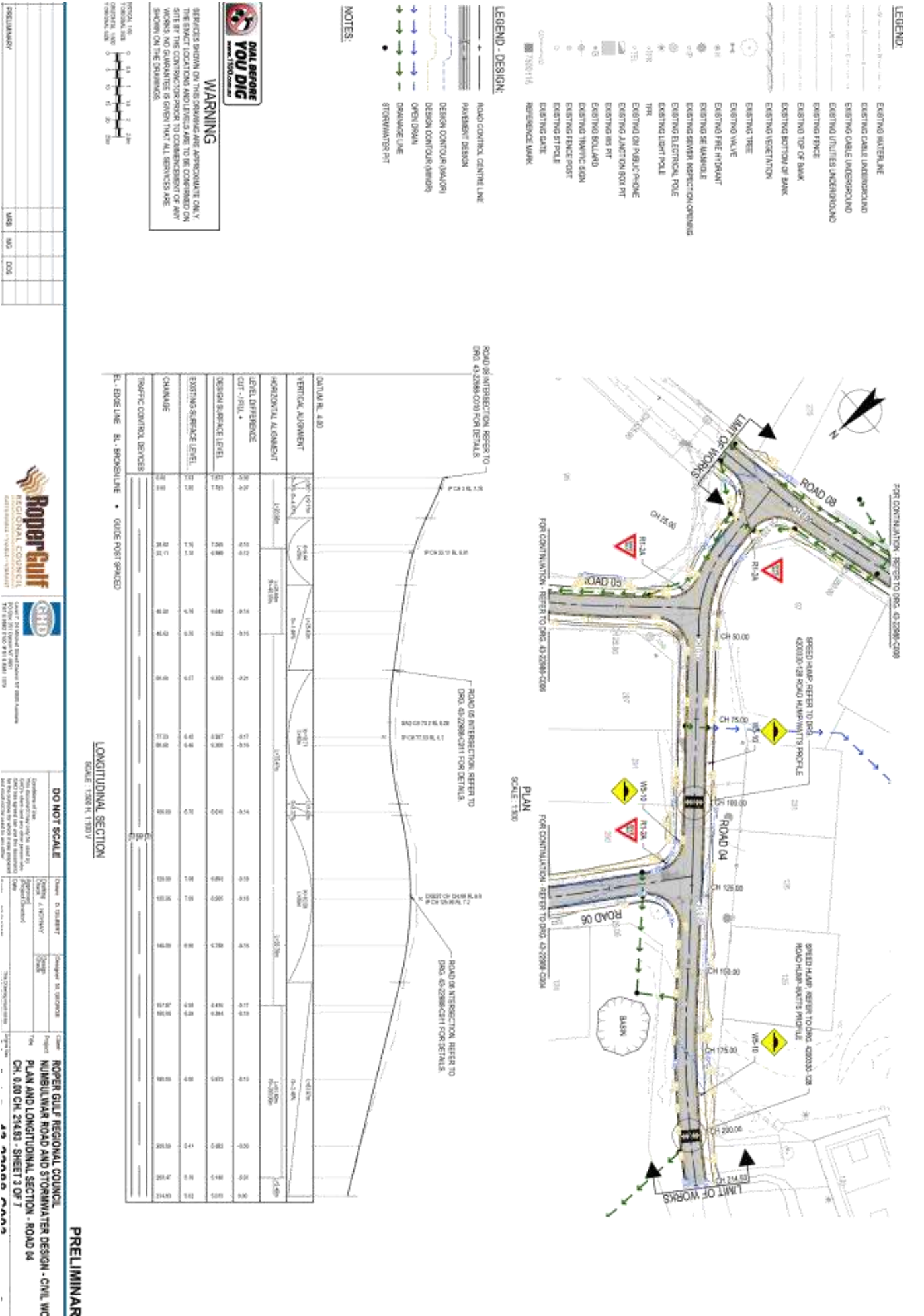
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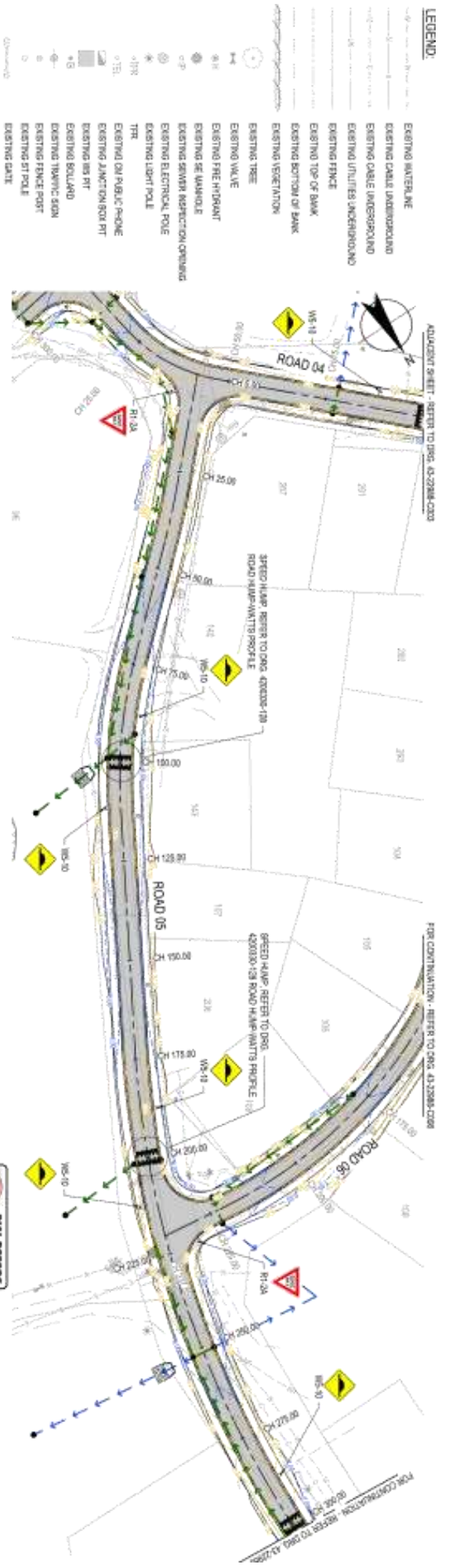
Drawn by: [Name] Date: [Date]

Project: **ROPER GULF REGIONAL COUNCIL**

Plan and Longitudinal Section - ROAD 03

CH. 0.80 TO CH. 109.40 - SHEET 2 OF 8





PLAN SCALE: 1"=300'

WARNING
 SERVICES SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE EXACT LOCATIONS AND DEPTHS ARE TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKING. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN ON THE DRAWINGS.

- LEGEND - DESIGN:**
- ROAD CONTROL CENTRE LINE
 - PAVEMENT DESIGN
 - DESIGN CONTROL (MAJOR)
 - DESIGN CONTROL (MINOR)
 - OPEN DRAIN
 - DRAINAGE LINE
 - STORMWATER PIT
- NOTES:**
- EXISTING WATERLINE
 - EXISTING CABLE UNDERGROUND
 - EXISTING UTILITY UNDERGROUND
 - EXISTING FENCE
 - EXISTING TOP OF BANK
 - EXISTING SECTION OF BANK
 - EXISTING VEGETATION
 - EXISTING TREE
 - EXISTING VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING DE MANHOLE
 - EXISTING SINKHOLE INSPECTION OPENING
 - EXISTING ELECTRICAL POLE
 - EXISTING LIGHT POLE
 - EXISTING OR PUBLIC PHONE
 - EXISTING JUNCTION BOX PIT
 - EXISTING SIG PIT
 - EXISTING BOLLARD
 - EXISTING TRAFFIC SIGN
 - EXISTING FENCE POST
 - EXISTING ST POLE
 - EXISTING CURB
 - REFERENCE MARK

LONGITUDINAL SECTION
 SCALE: 1"=30.0' (1:3000)

STATION	ROAD 04		ROAD 05		ROAD 06	
	CH	EL	CH	EL	CH	EL
0+00	20.00	100.00	0+00	100.00	0+00	100.00
0+10	20.00	100.00	0+10	100.00	0+10	100.00
0+20	20.00	100.00	0+20	100.00	0+20	100.00
0+30	20.00	100.00	0+30	100.00	0+30	100.00
0+40	20.00	100.00	0+40	100.00	0+40	100.00
0+50	20.00	100.00	0+50	100.00	0+50	100.00
0+60	20.00	100.00	0+60	100.00	0+60	100.00
0+70	20.00	100.00	0+70	100.00	0+70	100.00
0+80	20.00	100.00	0+80	100.00	0+80	100.00
0+90	20.00	100.00	0+90	100.00	0+90	100.00
1+00	20.00	100.00	1+00	100.00	1+00	100.00
1+10	20.00	100.00	1+10	100.00	1+10	100.00
1+20	20.00	100.00	1+20	100.00	1+20	100.00
1+30	20.00	100.00	1+30	100.00	1+30	100.00
1+40	20.00	100.00	1+40	100.00	1+40	100.00
1+50	20.00	100.00	1+50	100.00	1+50	100.00
1+60	20.00	100.00	1+60	100.00	1+60	100.00
1+70	20.00	100.00	1+70	100.00	1+70	100.00
1+80	20.00	100.00	1+80	100.00	1+80	100.00
1+90	20.00	100.00	1+90	100.00	1+90	100.00
2+00	20.00	100.00	2+00	100.00	2+00	100.00



PRELIMINARY

NO.	DATE	DESCRIPTION

Roper Gulf REGIONAL COUNCIL
 10000 ROPER GULF ROAD, SUITE 100, TAMPA, FL 33618
 TEL: 813.972.1100 FAX: 813.972.1101

CHD
 CONSULTING ENGINEERS
 10000 ROPER GULF ROAD, SUITE 100, TAMPA, FL 33618
 TEL: 813.972.1100 FAX: 813.972.1101

DO NOT SCALE

DATE	BY	DESCRIPTION

PRELIMINARY

ROPER GULF REGIONAL COUNCIL
 NIMBLEBAR ROAD AND STORMWATER DESIGN - CIVIL WC
 PLAN AND LONGITUDINAL SECTION - ROAD 06
 CH. 0+00 TO 2+00 - SHEET 4 OF 8

LEGEND:

- EXISTING WATERLINE
- EXISTING CABLE UNDERGROUND
- EXISTING CABLE UNDERGROUND
- EXISTING UTILITIES UNDERGROUND
- EXISTING FENCE
- EXISTING TOP OF BANK
- EXISTING SECTION OF BANK
- EXISTING VEGETATION
- EXISTING TREE
- EXISTING VALVE
- EXISTING TREE HYDRANT
- EXISTING FIRE VALVE
- EXISTING SWISS ROPESTOCK OPENING
- EXISTING ELECTRICAL POLE
- EXISTING LIGHT POLE
- TRE
- EXISTING ON PUBLIC PHONE
- EXISTING JUNCTION BOX PT
- EXISTING MS PT
- EXISTING BOLLARD
- EXISTING TRAFFIC SIGN
- EXISTING FENCE POST
- EXISTING PT POLE
- EXISTING GATE
- EXISTING MARK
- REFERENCE MARK

LEGEND - DESIGN:

- ROAD CONTROL CENTRE LINE
- PAVEMENT DESIGN
- DESIGN CONTROL (MAJOR)
- DESIGN CONTROL (MINOR)
- OPEN DRAIN
- DRAINAGE LINE
- STORMWATER PT

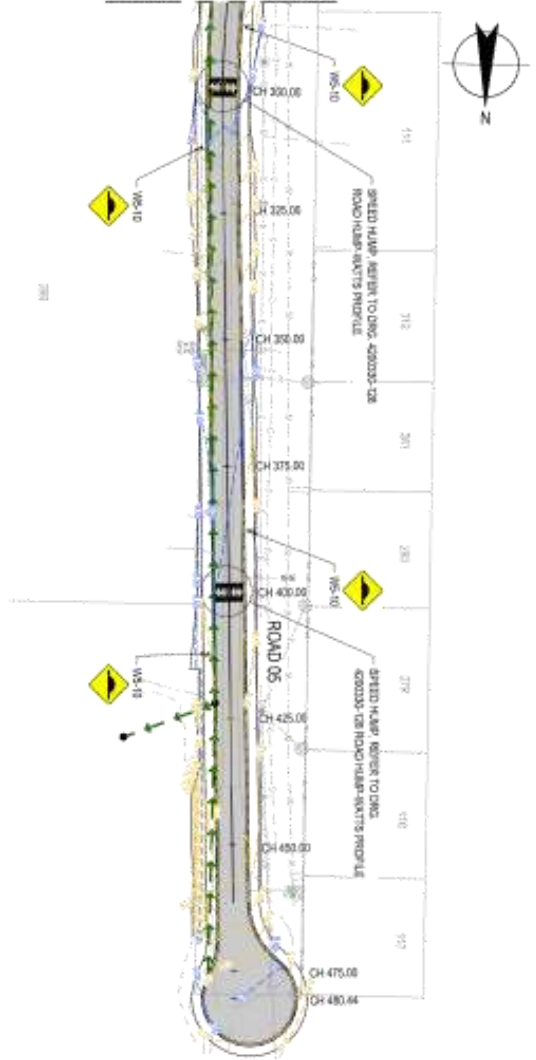
NOTES:

WARNING
 SERVICES SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE EXACT LOCATION AND UTILITY ARE TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN ON THE DRAWINGS.

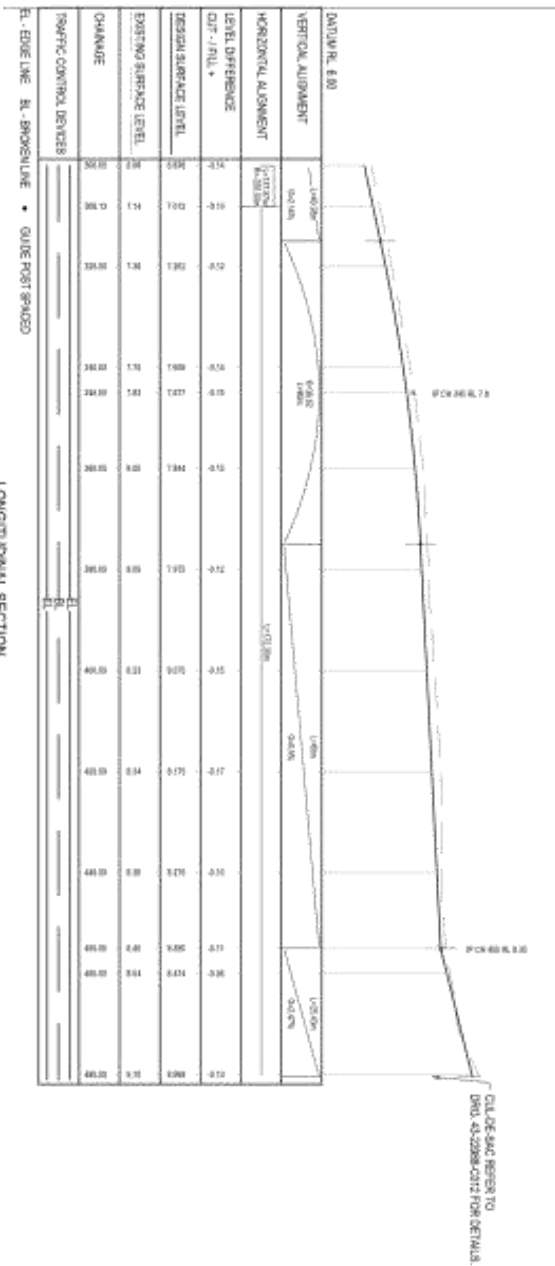


PRELIMINARY	DATE	BY	NO.	DOE

FOR CONTINUATION - REFER TO DRG. 43-22988-0284



PLAN
SCALE 1:500



LONGITUDINAL SECTION
SCALE 1:500 IN ELEV



DO NOT SCALE
 This drawing is for information only. It is not to be used for construction purposes. The contractor is responsible for verifying all dimensions and locations on site.

Checked by:	Design Engineer	Checked by:	Designer
Drawn by:	Designer	Checked by:	Designer
Project:	ROPER GULF REGIONAL COUNCIL	Checked by:	Designer
Client:	ROPER GULF REGIONAL COUNCIL	Checked by:	Designer
Project:	NUMBULAR ROAD AND STORMWATER DESIGN - CIVIL, WC	Checked by:	Designer
Project:	PLAN AND LONGITUDINAL SECTION - ROAD 06	Checked by:	Designer
Project:	CH. 300.00 TO CH. 480.00 - SHEET 5 OF 8	Checked by:	Designer

PRELIMINARY
 ROPER GULF REGIONAL COUNCIL
 NUMBULAR ROAD AND STORMWATER DESIGN - CIVIL, WC
 PLAN AND LONGITUDINAL SECTION - ROAD 06
 CH. 300.00 TO CH. 480.00 - SHEET 5 OF 8
 15 0000 0000

PRELIMINARY

DATE	APPROVED BY	DESCRIPTION

LEGEND - DESIGN:

- ROAD CONTROL CENTRE LINE
- PAVEMENT DESIGN
- DESIGN CONTROL (MAJOR)
- DESIGN CONTROL (MINOR)
- OPEN DRAIN
- DRAINAGE LINE
- STORMWATER PIT

LEGEND:

- EXISTING WATERLINE
- EXISTING CABLE UNDERGROUND
- EXISTING UTILITY UNDERGROUND
- EXISTING FENCE
- EXISTING TOP OF BANK
- EXISTING SECTION OF BANK
- EXISTING VEGETATION
- EXISTING TREE
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING HYDRANT
- EXISTING STREET INTERSECTION CROSSING
- EXISTING ELECTRICAL POLE
- EXISTING LIGHT POLE
- TREE
- 0.75%
- 10%
- EXISTING OIL PUBLIC PHONE
- EXISTING JUNCTION BOX PIT
- EXISTING MAN PIT
- EXISTING ROADWAY SYMBOL
- EXISTING HOOP SYMBOL
- EXISTING FENCE POST
- EXISTING GATE
- REFERENCE MARK

NOTES:

DIG BEFORE YOU DIG
CALL 800-432-0008

WARNING

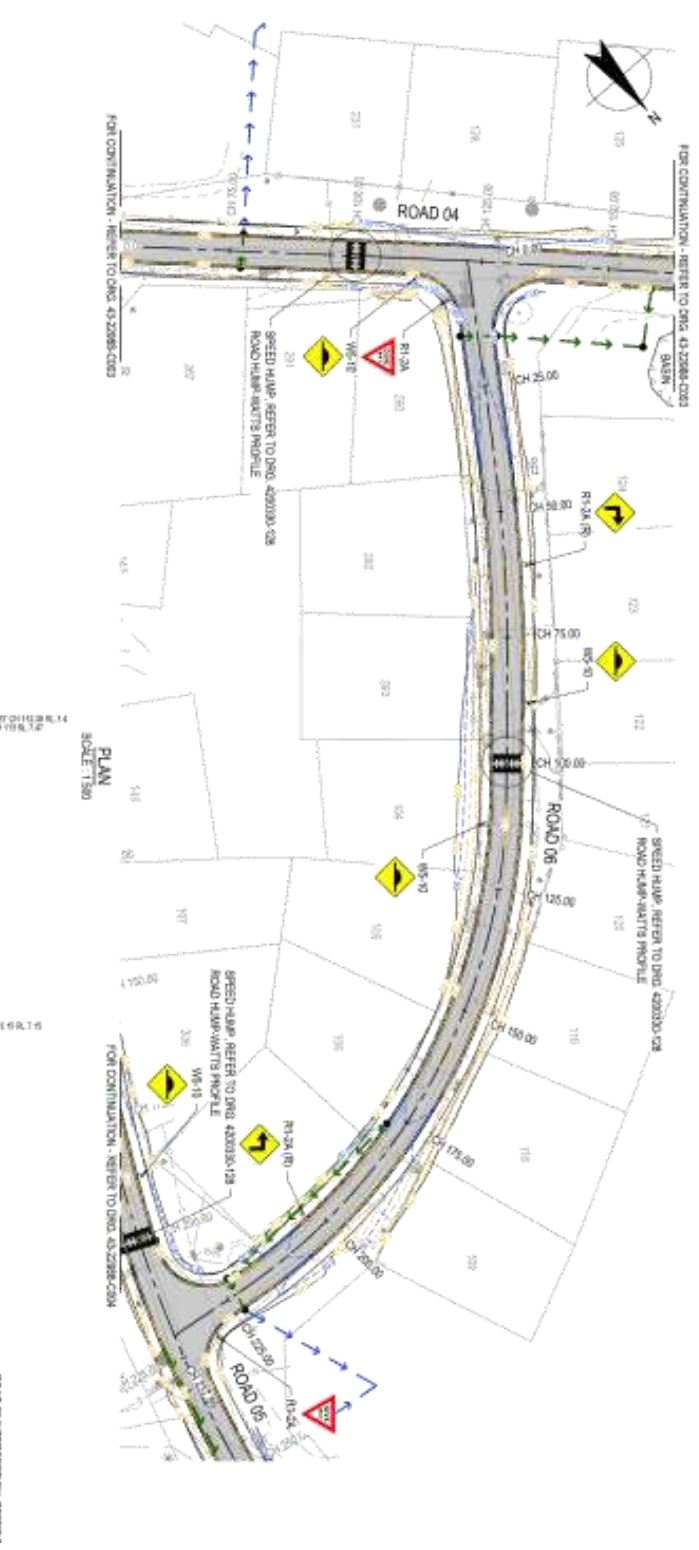
SERVICES SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE EXACT LOCATION AND DEPTH ARE TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN ON THE DRAWINGS.

ROAD 04 INTERSECTION REFER TO DNO 432288-0481 FOR DETAILS

LONGITUDINAL SECTION
SCALE: 1:500H, 1:100V

VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT		METERS
	ROAD 04	ROAD 06	
LEVEL REFERENCE CUT - FILL	0.00	0.00	0.00
	0.20	0.20	0.20
	0.40	0.40	0.40
DESIGN SURFACE LEVEL	0.60	0.60	0.60
	0.80	0.80	0.80
	1.00	1.00	1.00
EXISTING SURFACE LEVEL	1.20	1.20	1.20
	1.40	1.40	1.40
	1.60	1.60	1.60
CHANGE	1.80	1.80	1.80
	2.00	2.00	2.00
	2.20	2.20	2.20
TRAFFIC CONTROL DEVICES			
TL - EDGE LINE BL - BROKEN LINE ● - GUIDE POST SPACED			

ROAD 06 INTERSECTION REFER TO DNO 432288-0482 FOR DETAILS



Roper Gulf
REGIONAL COUNCIL
LIVE AND ENJOY THE GULF

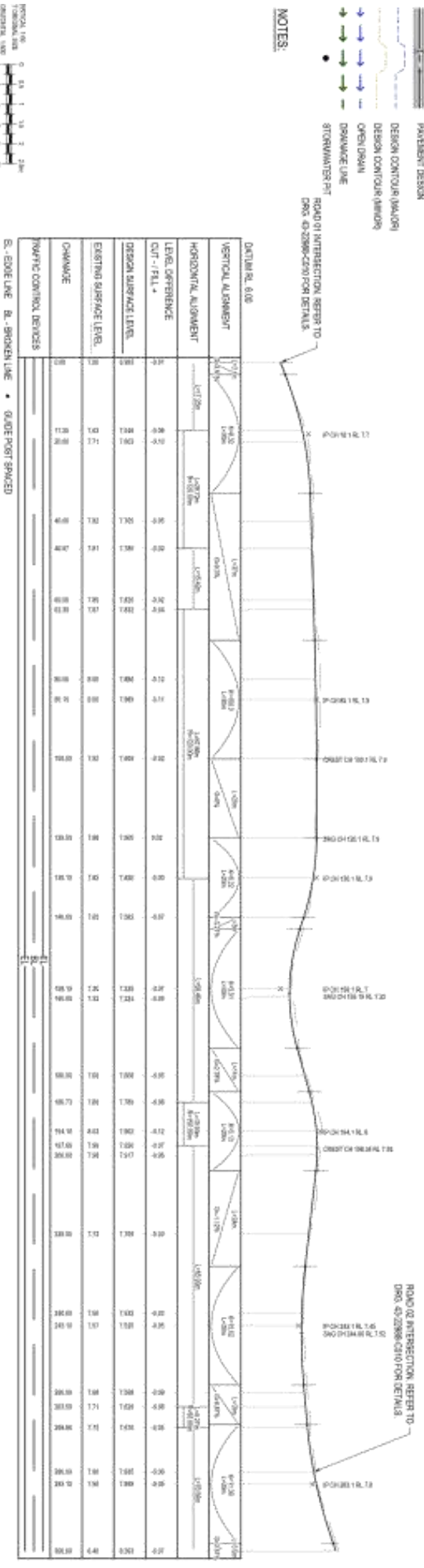
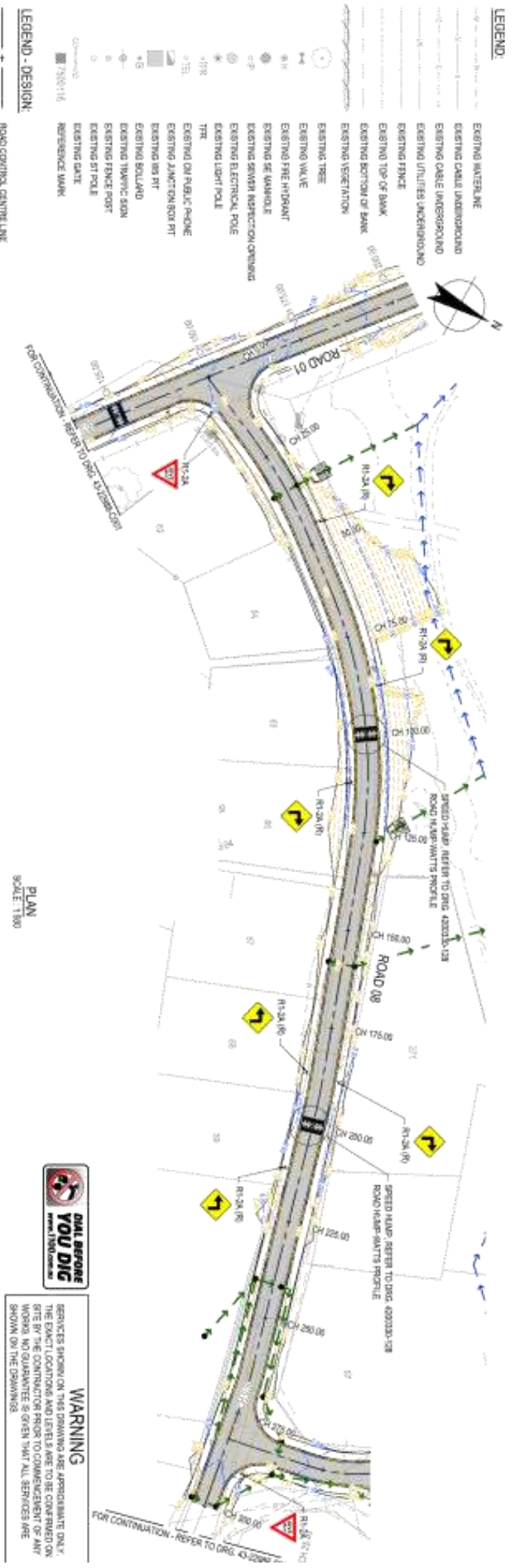
CHD
CIVIL ENGINEERING DIVISION
100 W. 12th Street, Suite 100
Victoria, BC V8M 1S8

DO NOT SCALE

PROJECT: ROPER GULF REGIONAL COUNCIL
NIMBLEBAR ROAD AND STORMWATER DESIGN - CIVIL, WC

PLAN AND LONGITUDINAL SECTION - ROAD 06
CH. 200.00 TO CH. 471.980 - SHEET 5 OF 8

DATE: 2024.11.19



PRELIMINARY

DATE	NO.	DESCRIPTION

ROPER GULF REGIONAL COUNCIL

CHD

DO NOT SCALE

DESIGNER: [Name]
CHECKER: [Name]
APPROVED: [Name]

PROJECT: ROPER GULF REGIONAL COUNCIL
NIMBLAR ROAD AND STORMWATER DESIGN - CIVIL WC
PLAN AND LONGITUDINAL SECTION - ROAD 00
CH. 0.00 TO CH. 300.00 - SHEET 7 OF 8

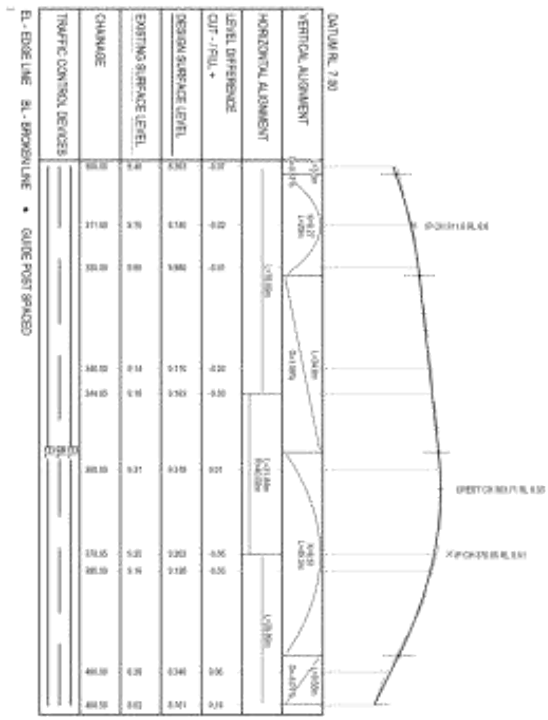
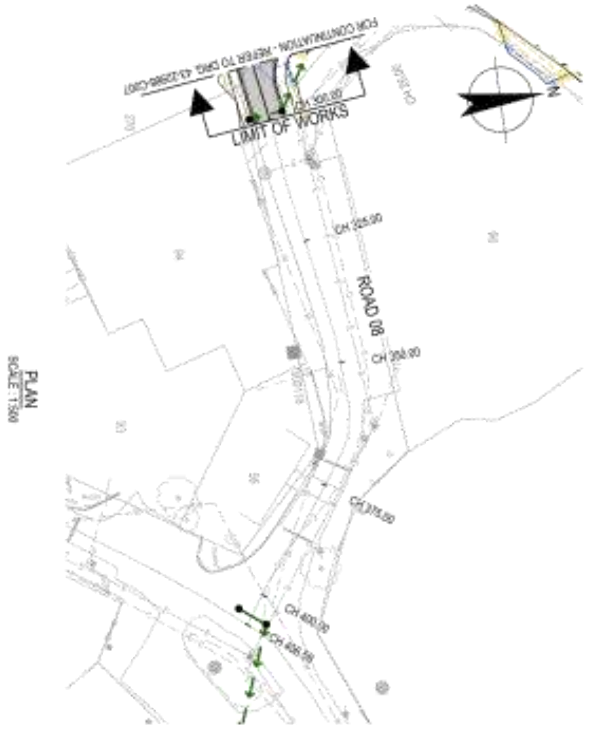
75 77000 0007

PRELIMINARY	DATE	BY	NO.	DOE



WARNING
 SERVICES SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE EXACT LOCATION AND UTILITY ARE TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN ON THE DRAWINGS.

- LEGEND - DESIGN:**
- ROAD CONTROL CENTRE LINE
 - PAVEMENT DESIGN
 - DESIGN CONTOUR (MAJOR)
 - DESIGN CONTOUR (MINOR)
 - OPEN DRAIN
 - DRAINAGE LINE
 - STORMWATER PIT
- LEGEND:**
- EXISTING WATERLINE
 - EXISTING CABLE UNDERGROUND
 - EXISTING CABLE UNDERGROUND
 - EXISTING UTILITIES UNDERGROUND
 - EXISTING FENCE
 - EXISTING TOP OF BANK
 - EXISTING BOTTOM OF BANK
 - EXISTING VEGETATION
 - EXISTING TREE
 - EXISTING VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING SE MANHOLE
 - EXISTING SEWER INSPECTION CHAMBER
 - EXISTING ELECTRICAL POLE
 - EXISTING LIGHT POLE
 - TREE
 - EXISTING ON PUBLIC PHONE
 - EXISTING JUNCTION BOX PIT
 - EXISTING INS PIT
 - EXISTING BOLLARD
 - EXISTING TRAFFIC SIGN
 - EXISTING FENCE POST
 - EXISTING ST POLE
 - EXISTING GATE
 - REFERENCE MARK
- NOTES:**



LONGITUDINAL SECTION
 SCALE: 1:500 @ 1:100 V

Roper Gulf
 REGIONAL COUNCIL
 ADDRESS: 100 RIVERVIEW DRIVE, ROPER GULF, NT 1320
 TEL: 08 8922 7000 FAX: 08 8922 1870

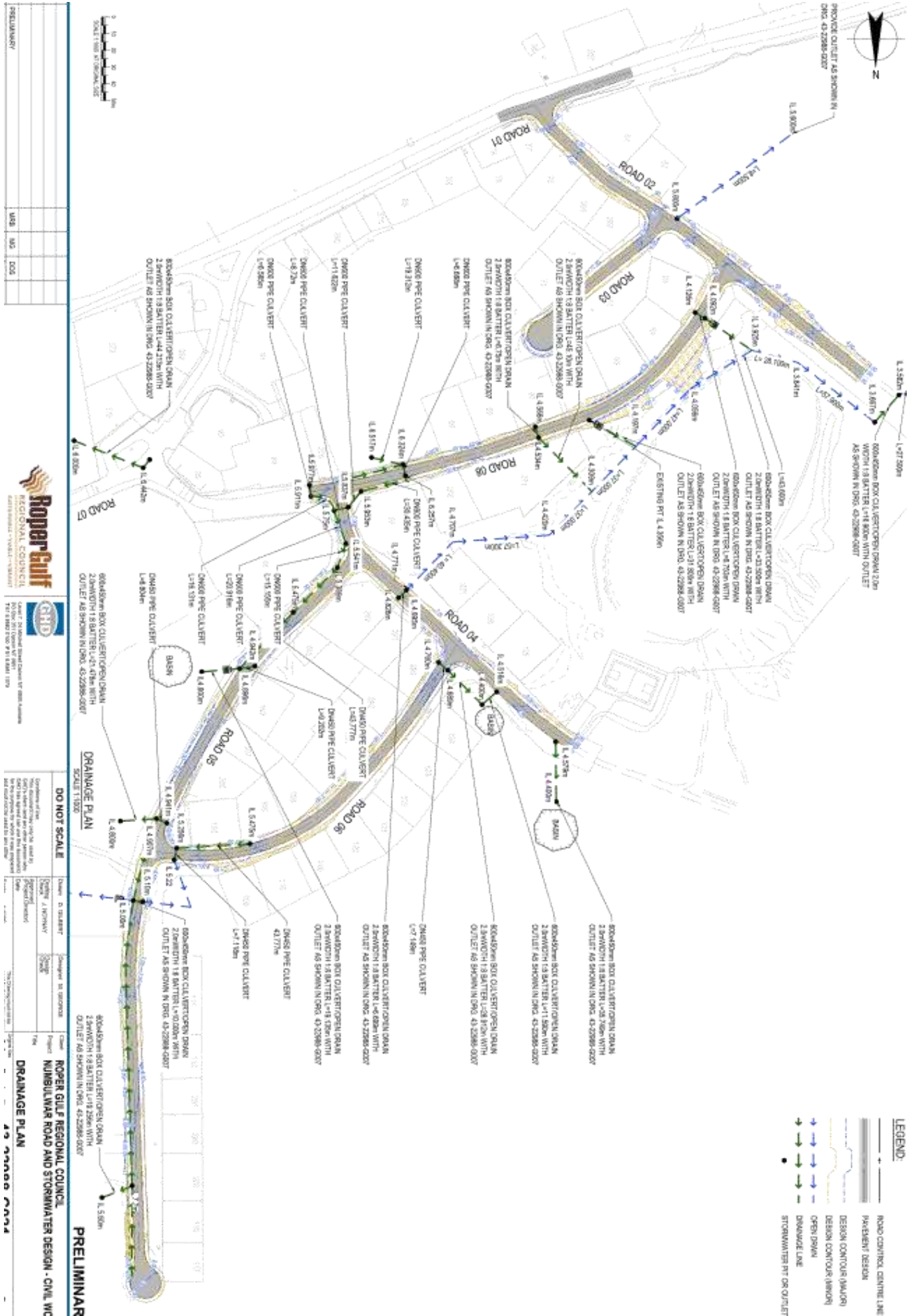
CHD
 CIVIL ENGINEERING
 10/100 RIVERVIEW DRIVE, ROPER GULF, NT 1320
 TEL: 08 8922 7000 FAX: 08 8922 1870

DO NOT SCALE

Checked by:	Checked by:	Checked by:

PRELIMINARY

ROPER GULF REGIONAL COUNCIL
 NIMBULWAR ROAD AND STORMWATER DESIGN - CIVIL WC
 PLAN AND LONGITUDINAL SECTION - ROAD 08
 CH. 0.00 TO CH. 300.00 - SHEET 8 OF 8



GENERAL BUSINESS



ITEM NUMBER	12.3
TITLE	Manyalluluk (Eva Valley) Roads and Drainage Upgrades Update
REFERENCE	867615
AUTHOR	Vikrant JAGARLAMUDI, Roads Coordinator

RECOMMENDATION

That the Roads Committee receives and notes update on Manyalluluk Roads and Drainage Upgrades

BACKGROUND

Boytell Consulting has been engaged to develop options and design for the upgrade of roads and drainage in the community. They have undertaken the survey of roads and has provided 60% of designs so far and have been given approval to provide the remaining 40% designs. Boytell Consulting has committed to provide the final set of drawings by 05 December 2019.

ISSUES/OPTIONS/SWOT

Design options developed by Boytell Consulting will help for strengthening and widening of existing of existing pavements, seal the access road from the jump to the community and construct adequate drainage to cater for the run-offs during heavy storms. These designs will provide us with cost estimates for the initial construction and also will help to minimise the ongoing maintenance costs.

FINANCIAL CONSIDERATIONS

NIL

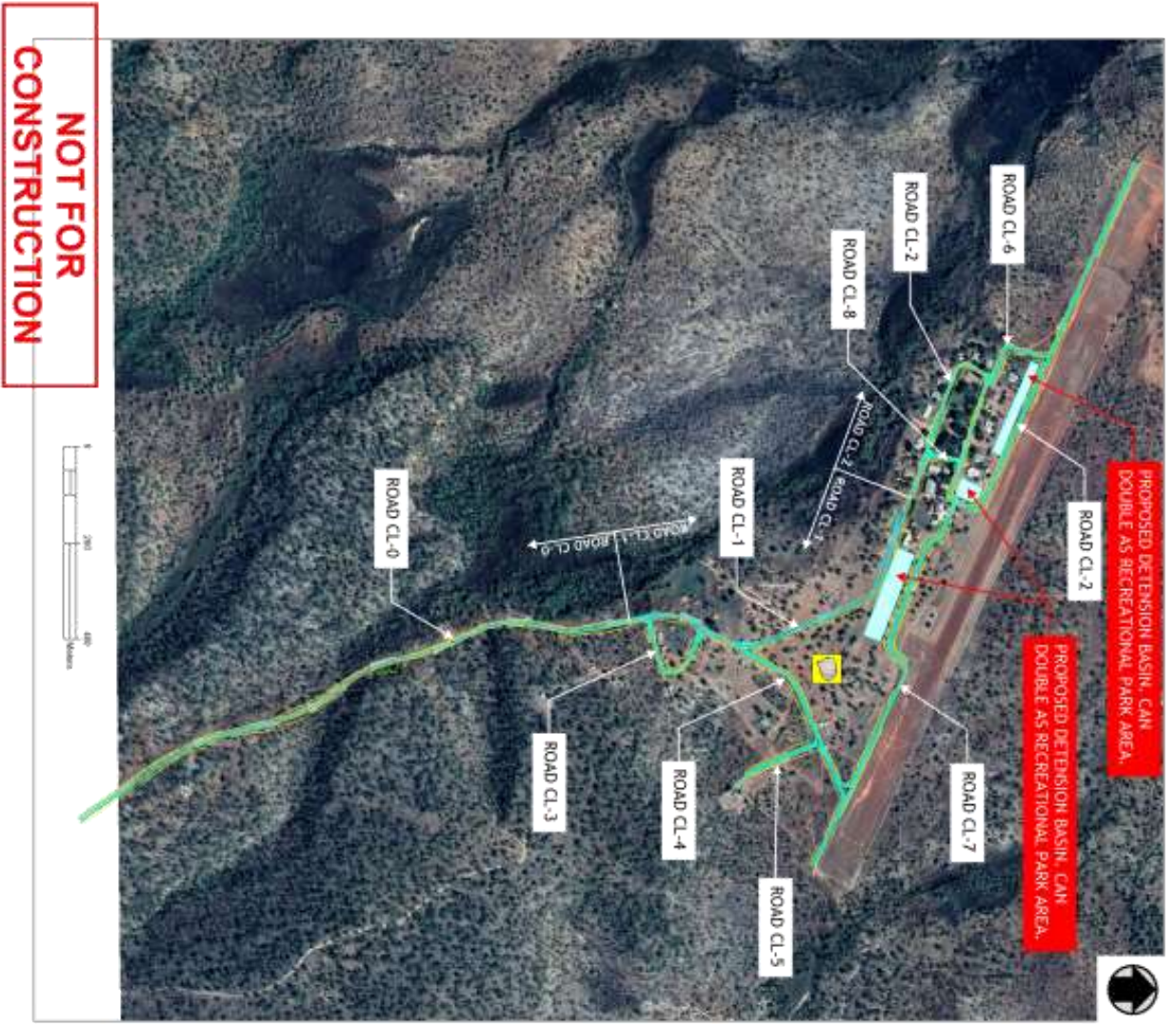
ATTACHMENTS:

1 [↓](#) BAA1909-001_MANY-DES_CIVIL C0001-C0180 Prelim (002).pdf

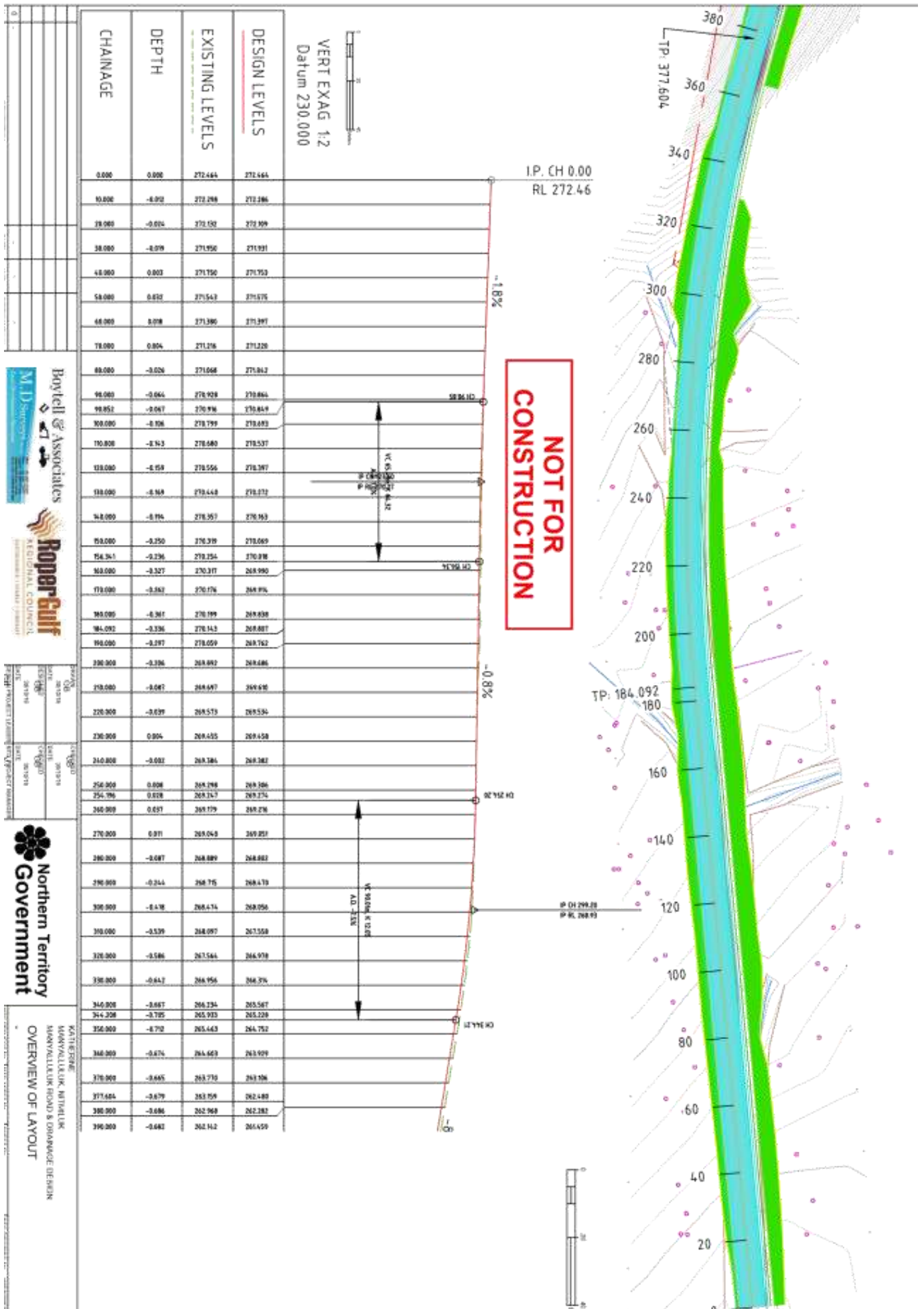
ROPER GULF REGIONAL COUNCIL MANYALLULUK REMOTE COMMUNITY ROAD & DRAINAGE REHABILITATION

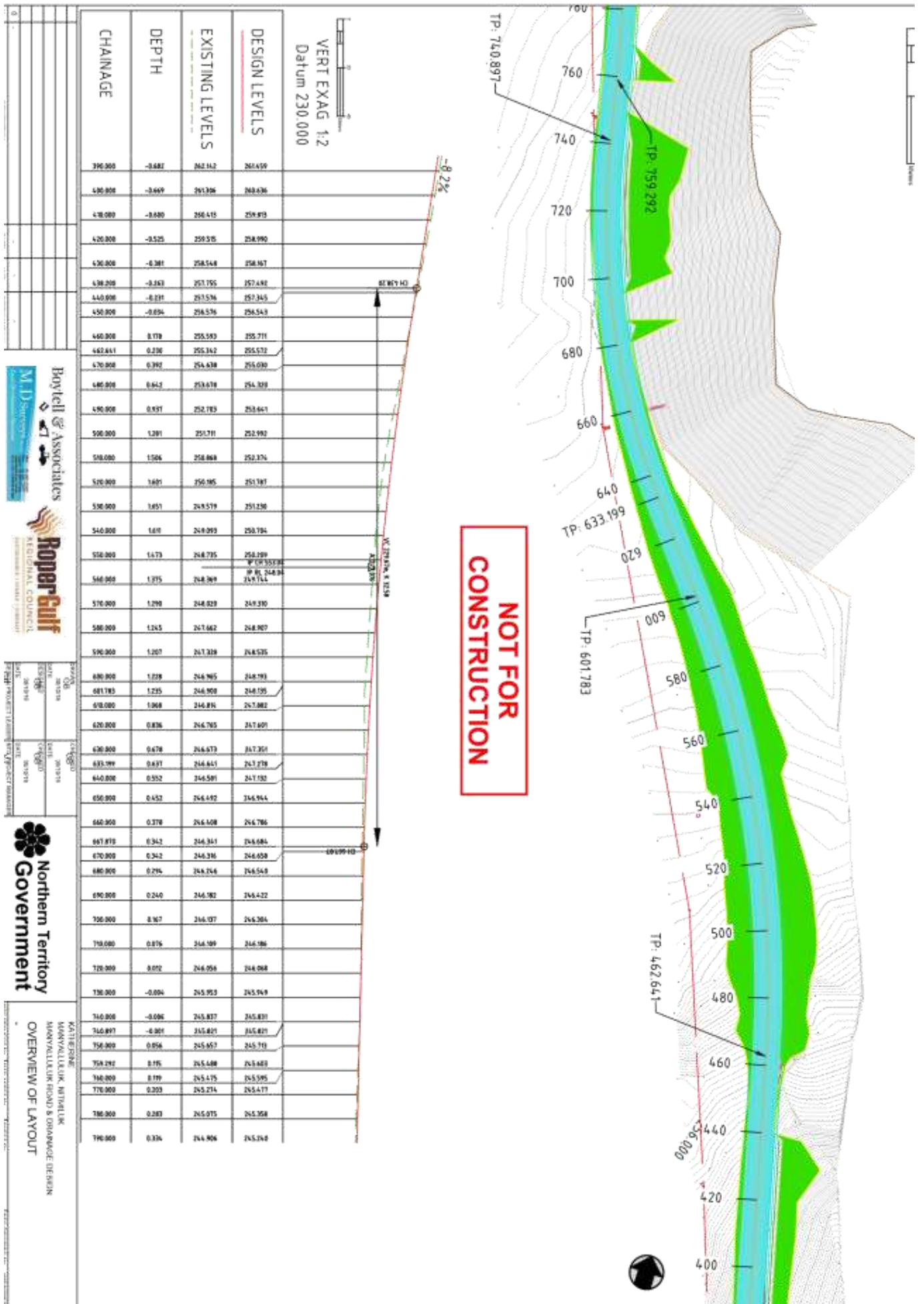
DRAWINGS REGISTER

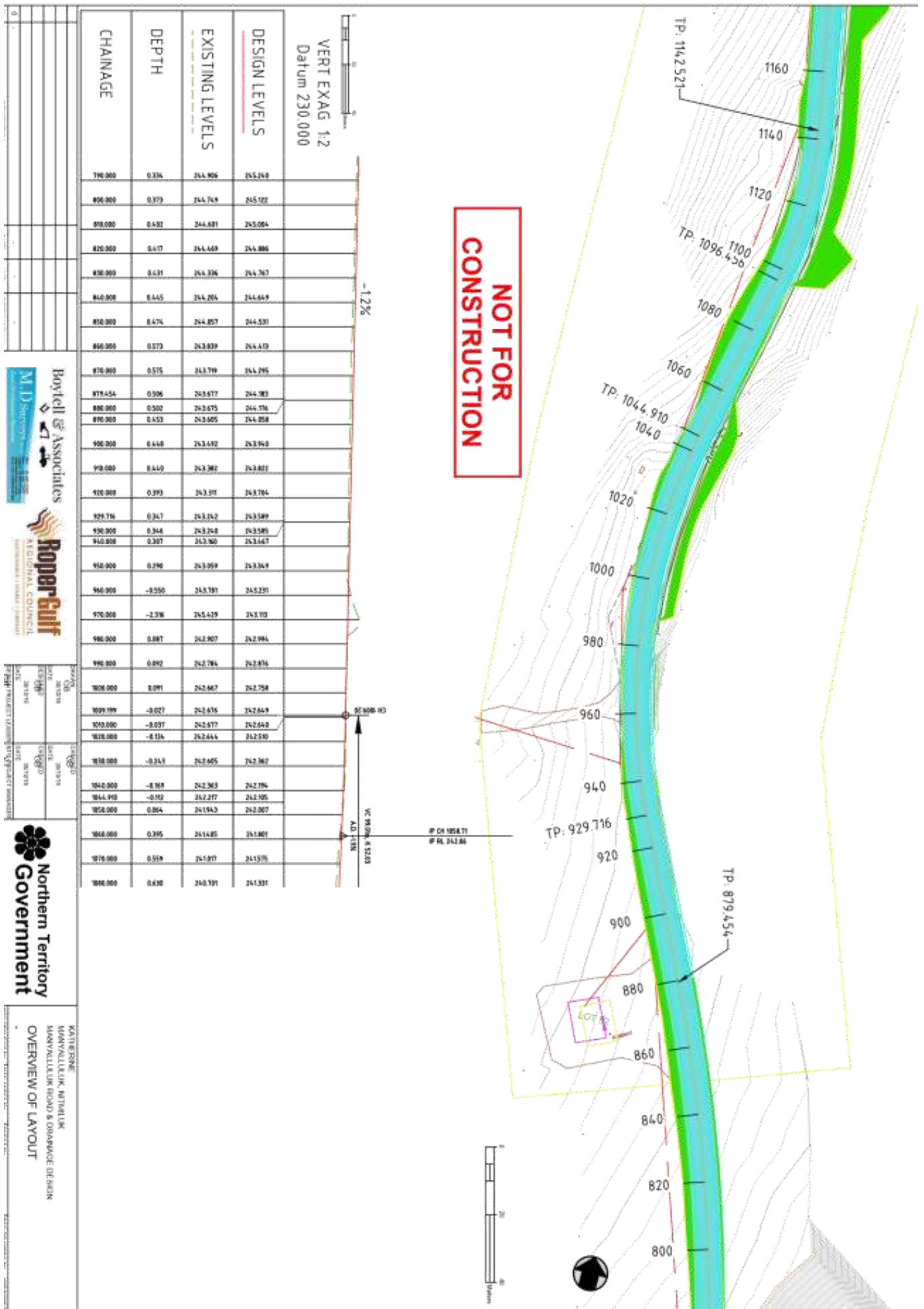
ROAD	DRG. No.	START CH.	FINISH CH.
CL-0	C0100	0.000	390.000
	C0101	390.000	790.000
	C0102	790.000	1180.000
CL-1	C0103	1180.000	1247.932
	C0110	0.000	410.000
	C0111	410.000	733.020
CL-2	C0120	0.000	370.000
	C0121	370.000	649.324
	C0122	649.324	1090.000
CL-3	C0123	1090.000	1470.000
	C0124	1470.000	1496.939
	C0130	0.000	255.997
CL-4	C0140	0.000	400.898
	C0150	0.000	204.230
	C0160	0.000	172.656
CL-7	C0170	0.000	390.000
	C0171	390.000	830.000
	C0172	830.000	852.798
CL-8	C0180	0.000	74.389

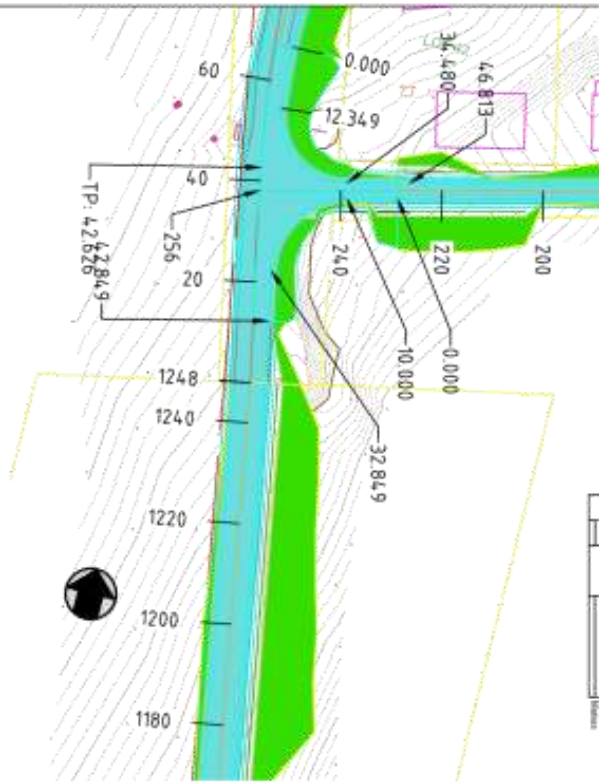


KATHERINE
 MANYALLULUK
 OVERVIEW OF LAYOUT









NOT FOR
CONSTRUCTION

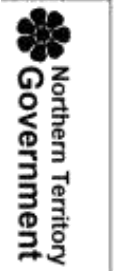
VERT EXAG 1:2
Datum 230.000

CHAINAGE	DEPTH	EXISTING LEVELS	DESIGN LEVELS
1182.000	-0.170	238.542	238.327
1192.000	-0.258	238.172	238.076
1202.000	-0.251	237.956	237.785
1210.000	-0.189	237.586	237.397
1228.000	-0.123	237.272	237.089
1238.000	-0.066	236.846	236.780
1242.000	-0.077	236.489	236.471
1247.932	0.000	236.227	236.227

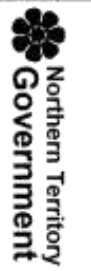
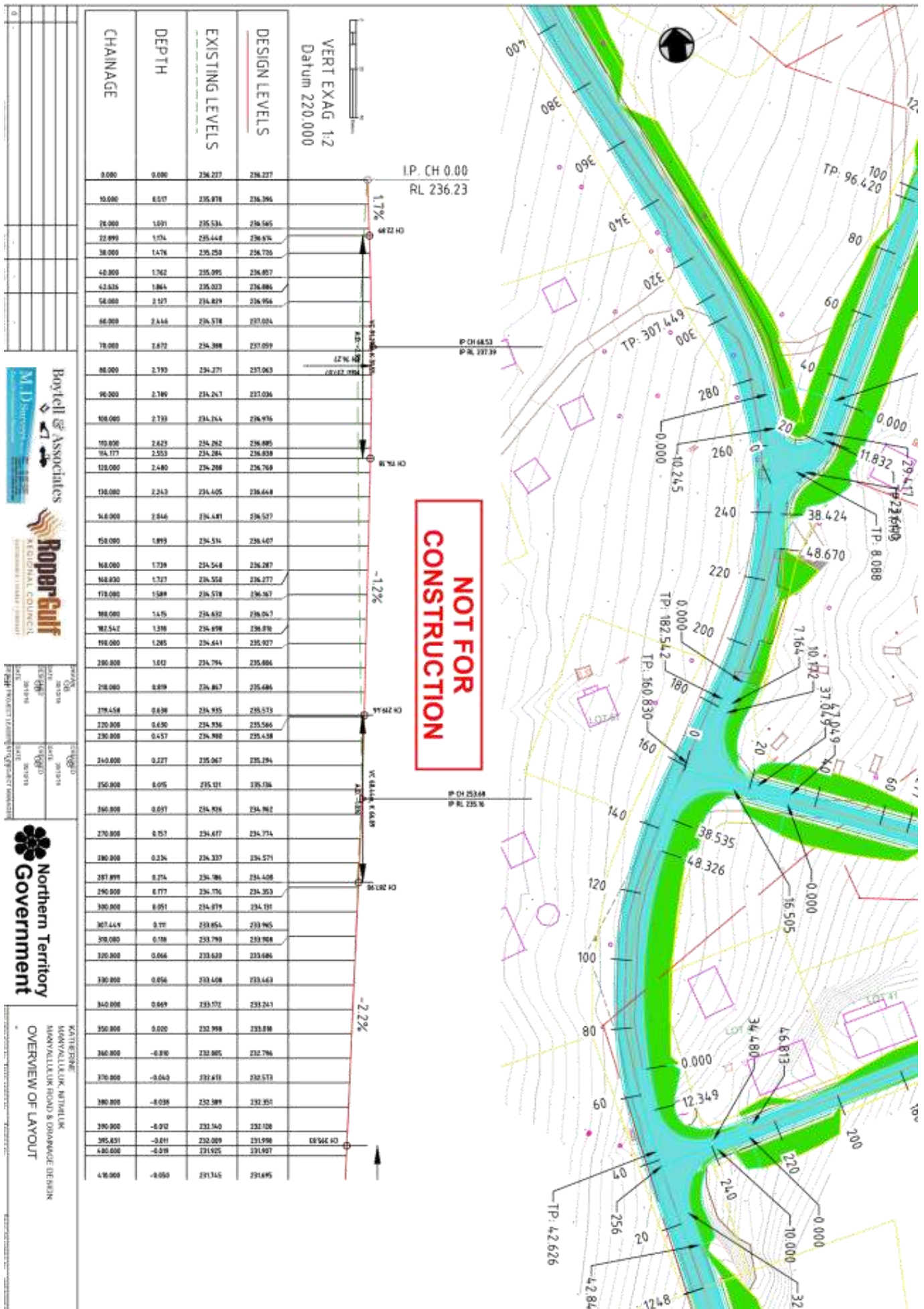
-3.1%
I.P. CH 1247.93
RL 236.23



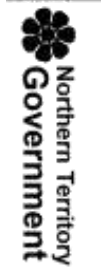
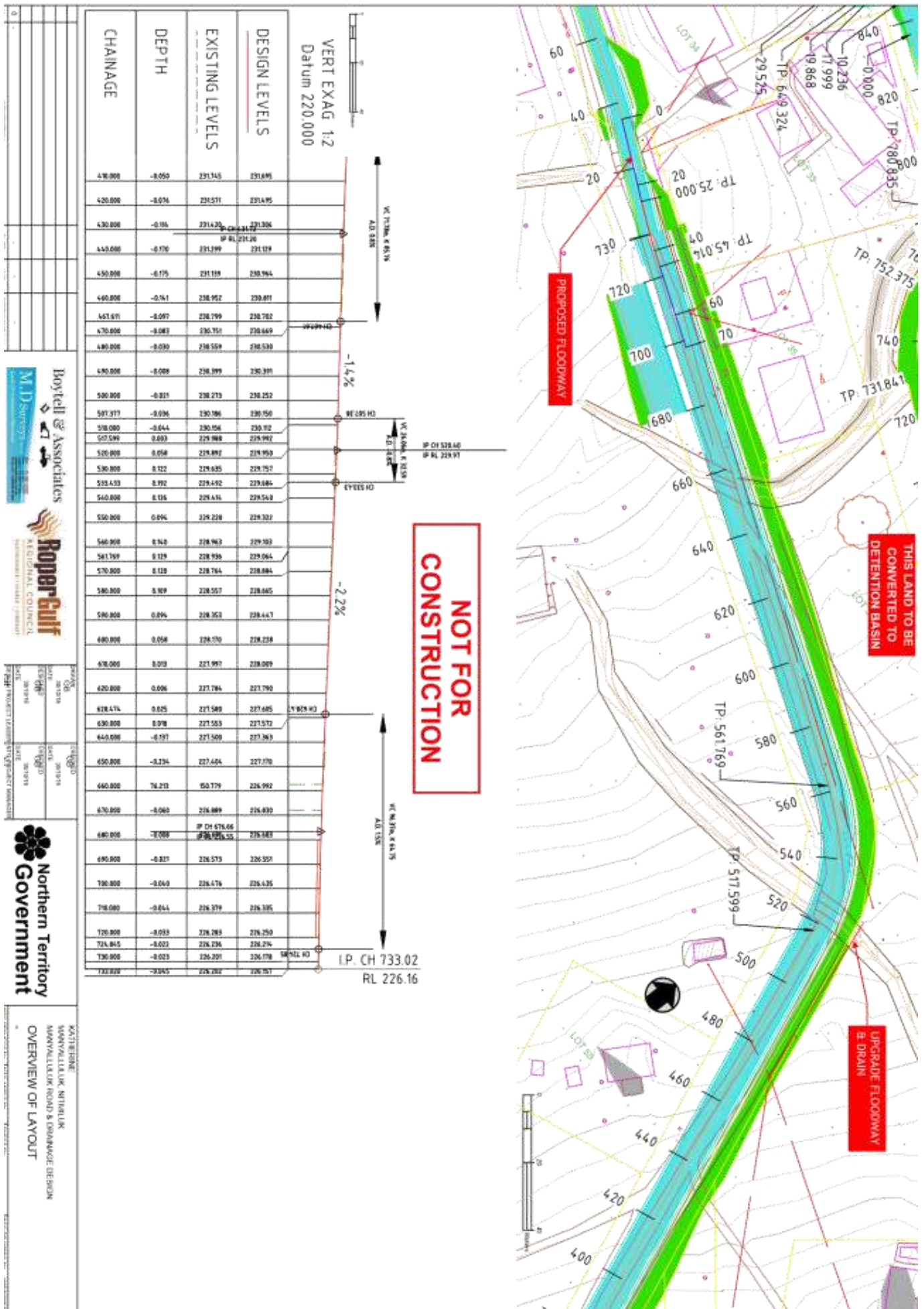
PROJECT NO.	1180
DATE	2018
SCALE	AS SHOWN
PROJECT LOCATION	AS SHOWN



KATHERINE
MAYVALLEK, NTHLALUK
MAYVALLEK ROAD & DRAINAGE DESIGN
OVERVIEW OF LAYOUT



KATHERINE
MAYVALLEIGH ROAD & DRAINAGE DESIGN
OVERVIEW OF LAYOUT



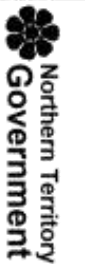
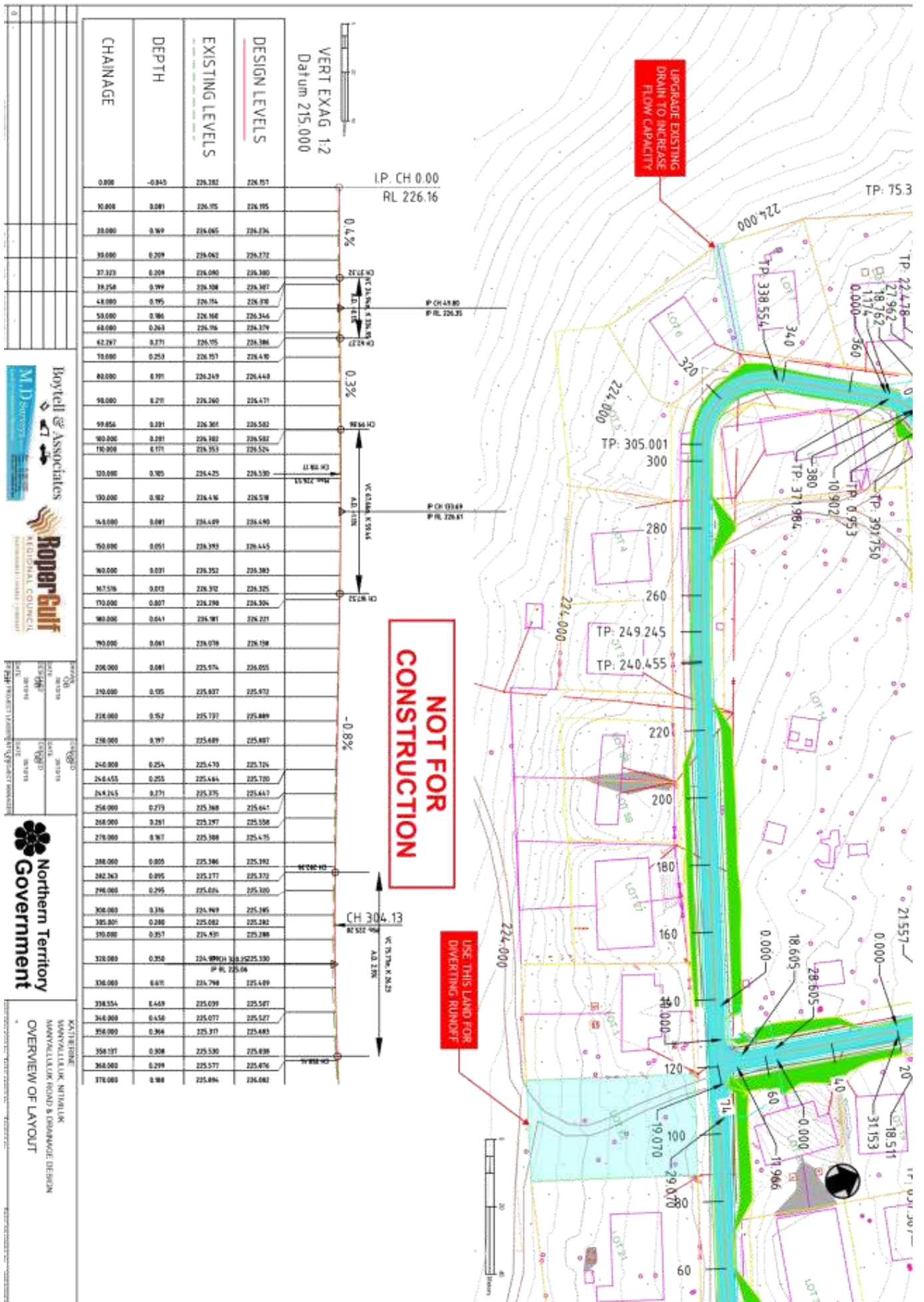
KATHERINE
 MANNING
 OVERVIEW OF LAYOUT

NOT FOR CONSTRUCTION

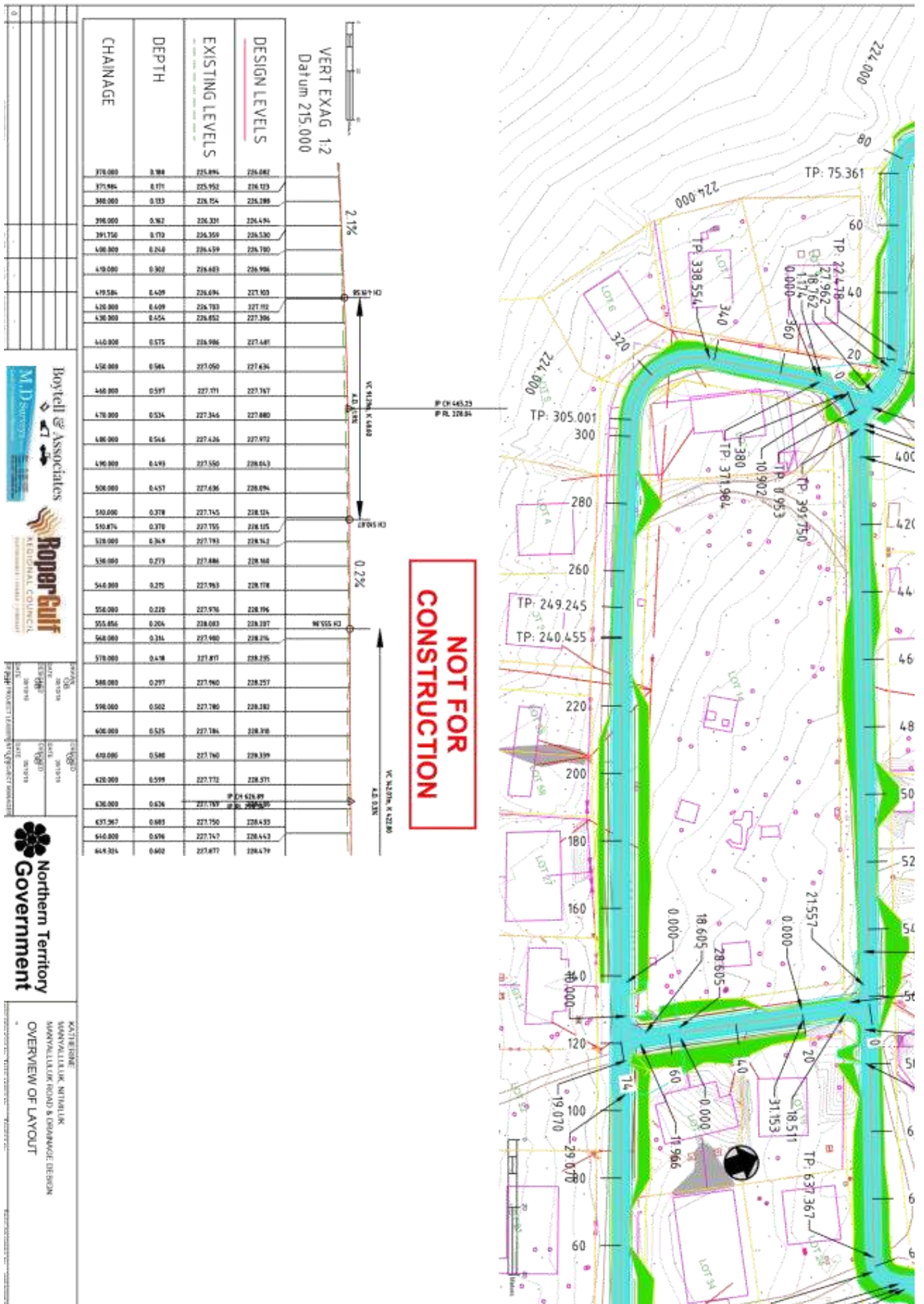
PROPOSED FLOODWAY

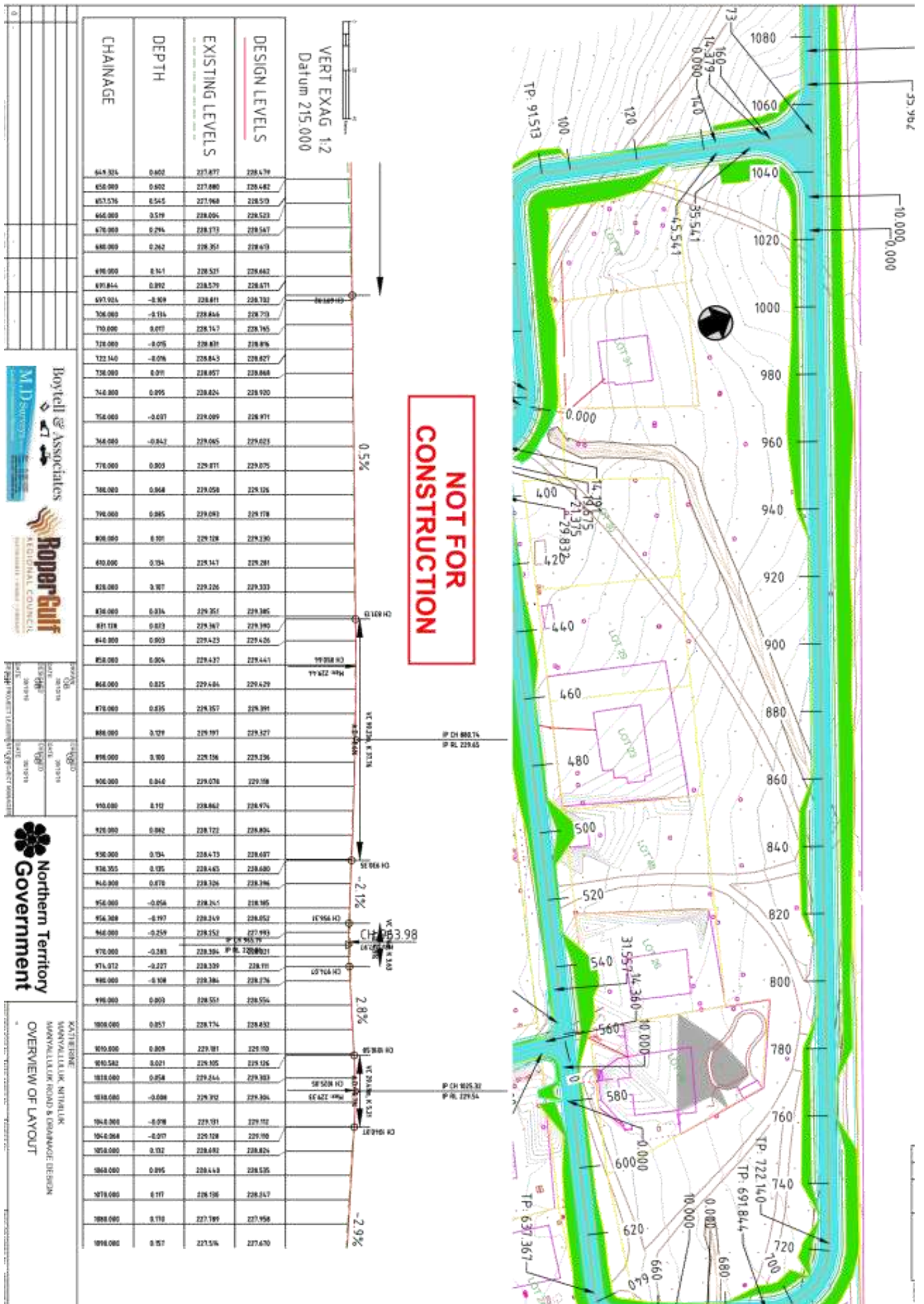
THIS LAND TO BE CONVERTED TO DETENTION BASIN

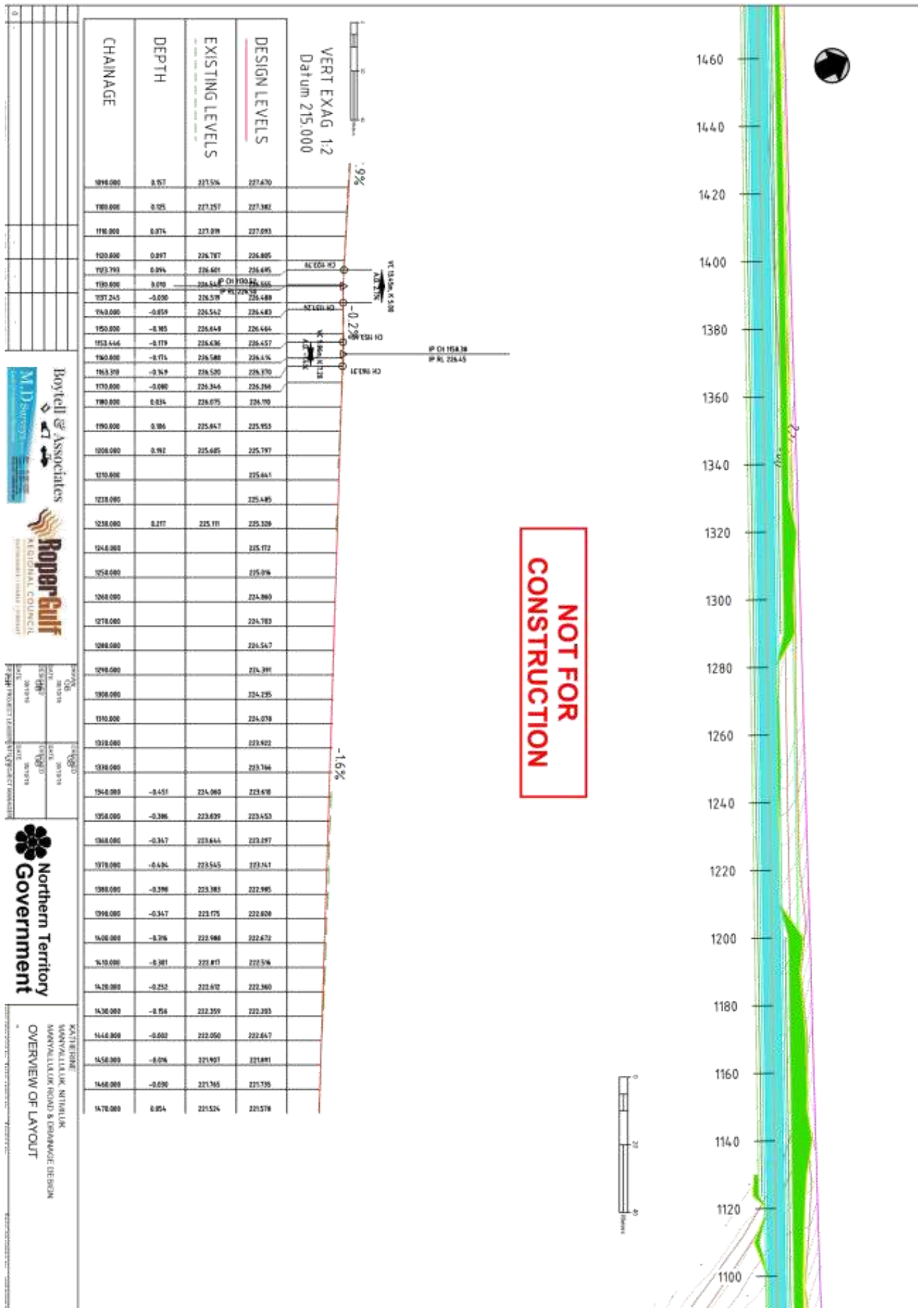
UPGRADE FLOODWAY & DRAIN

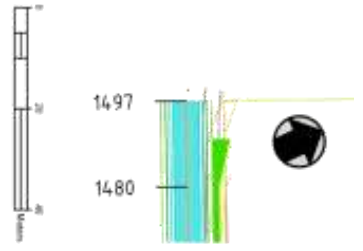


KATHARINE
MANAGEMENT, NATHALIE
MANAGEMENT ROAD & DRAINAGE DESIGN
OVERVIEW OF LAYOUT









NOT FOR
CONSTRUCTION

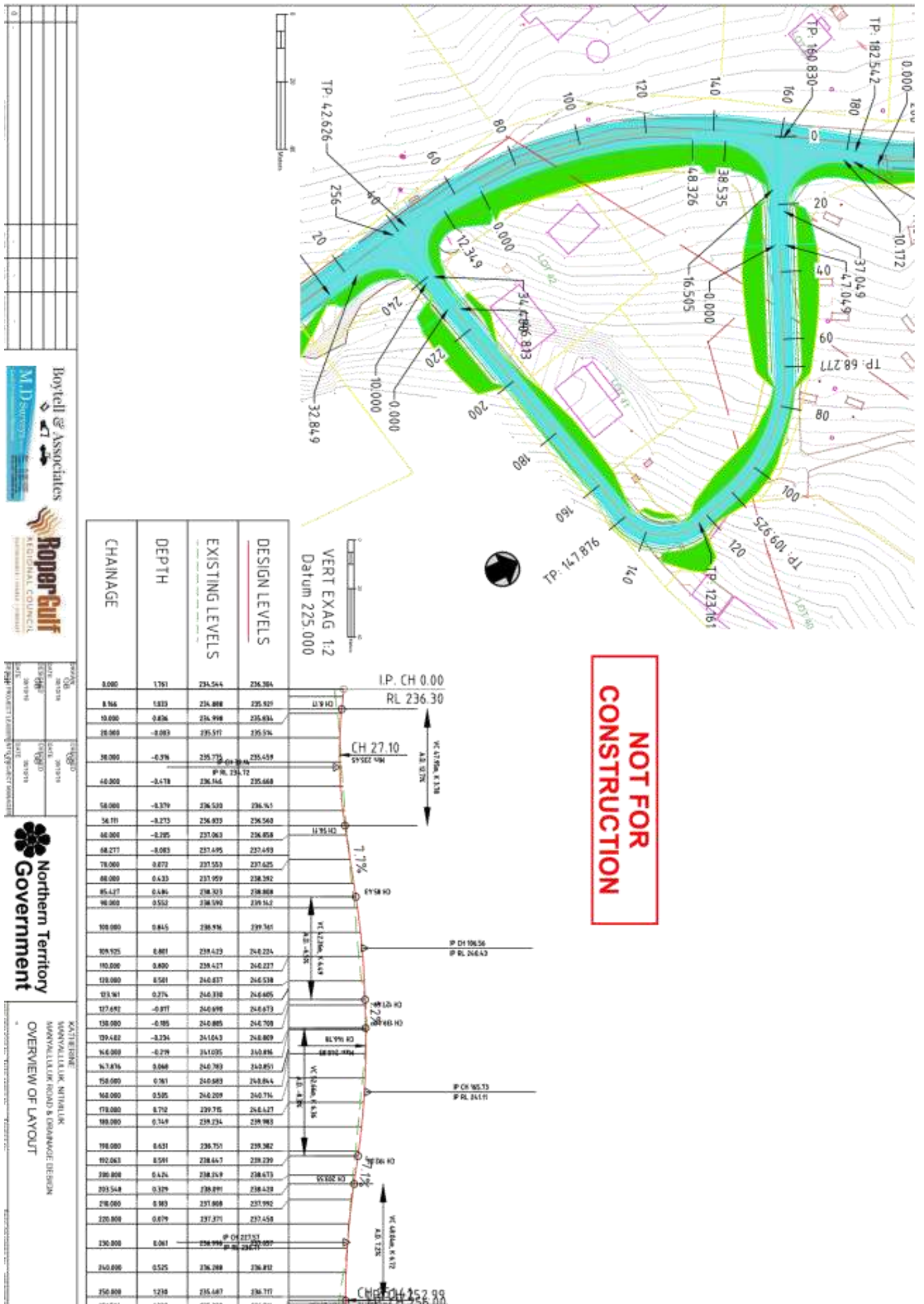


VERT EXAG 1:2
Datum 215.000

I.P. CH 1489.27
RL 221.28

DESIGN LEVELS		221.578	221.578
EXISTING LEVELS		221.572	221.572
DEPTH		0.006	0.006
CHAINAGE		1476.989	1476.989
		1480.000	1480.000
		1483.267	1483.267
		1490.000	1490.000
		1496.929	1496.929

	 Boyell & Associates	 Roper Gulf	 Northern Territory Government	KATHERINE MANYVALLEY ROAD & ORGANISE DESIGN OVERVIEW OF LAYOUT
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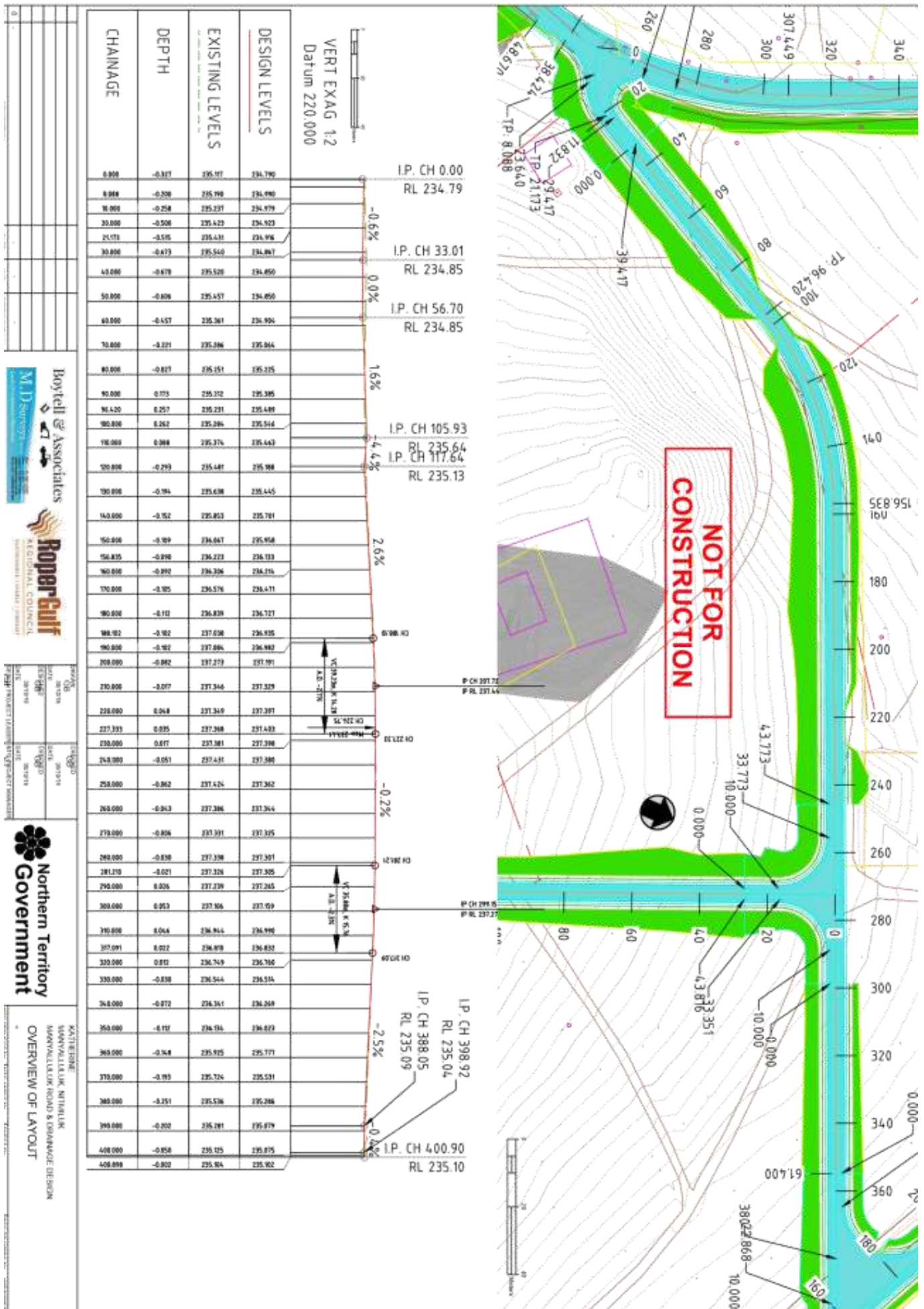
Boydell & Associates
M.D. Associates

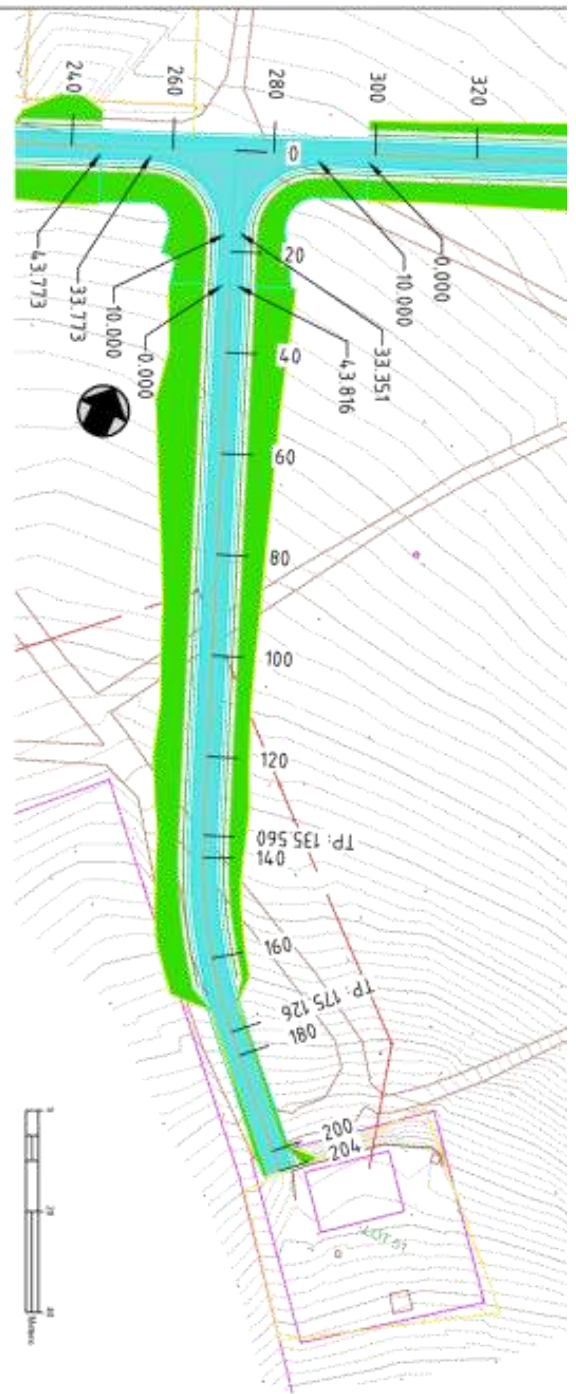
Roper Gulf
NORTHERN TERRITORY

PROJECT INFORMATION
DATE: 2018/08/14
SCALE: AS SHOWN

Northern Territory
Government

KATHERINE
MANNING ROAD & DRAINAGE DESIGN
OVERVIEW OF LAYOUT





VERT EXAG 1:2
Datum 230.000

CHAINAGE	DEPTH	EXISTING LEVELS	DESIGN LEVELS
0.000	-0.000	237.324	237.321
10.000	-0.425	237.666	237.261
20.000	-0.300	238.091	237.262
30.000	-1.024	238.916	237.480
40.000	-0.858	238.751	237.855
50.000	-0.897	239.000	238.302
60.000	-0.954	239.624	238.750
70.000	-0.719	239.622	240.402
80.000	0.000	239.622	241.462
90.000	-0.289	240.247	242.002
100.000	-1.578	240.247	242.541
110.000	0.000	240.247	243.980
120.000	-0.786	241.672	244.786
120.644	-0.995	241.672	244.665
130.000	-0.251	242.369	244.519
135.544	-0.786	242.247	244.222
140.000	-0.137	242.752	244.282
150.000	0.000	243.174	244.712
160.000	0.000	243.878	245.856
160.812	0.053	243.866	245.921
170.000	0.212	244.744	246.633
175.000	0.298	244.744	246.801
180.000	0.292	245.577	247.489
190.000	0.100	245.577	248.542
200.000	0.188	244.575	244.960
204.230	0.000	247.242	247.230

0.0%
4.5%
1.8%

I.P. CH 0.00
RL 237.32

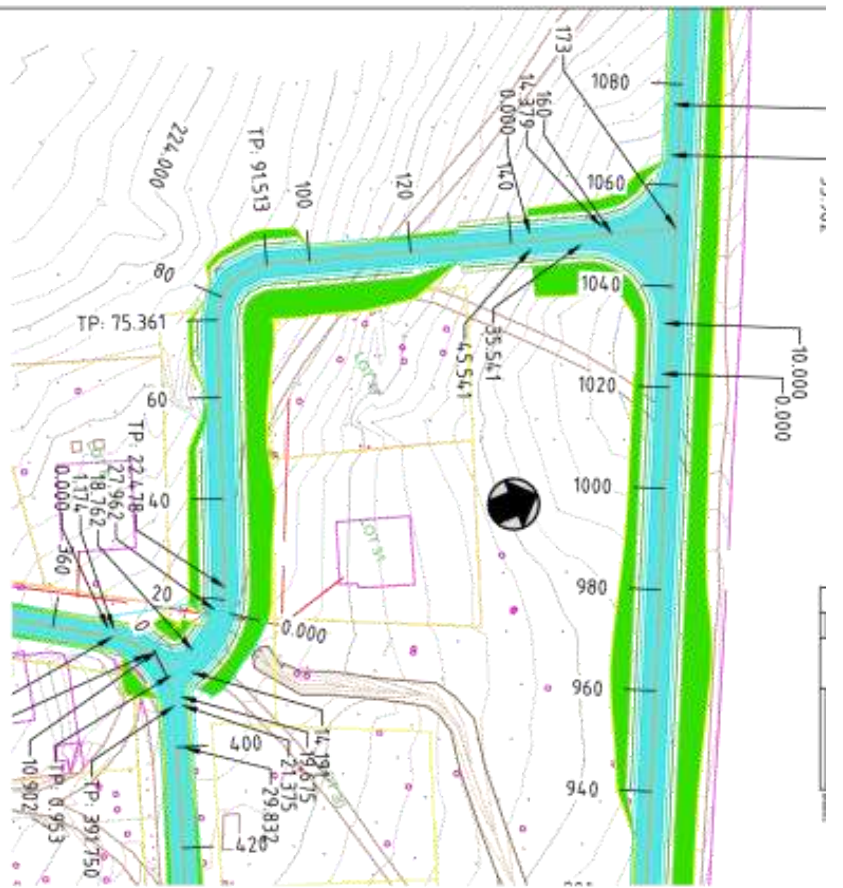
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RL 237.26

I.P. CH 204.23
RL 247.29

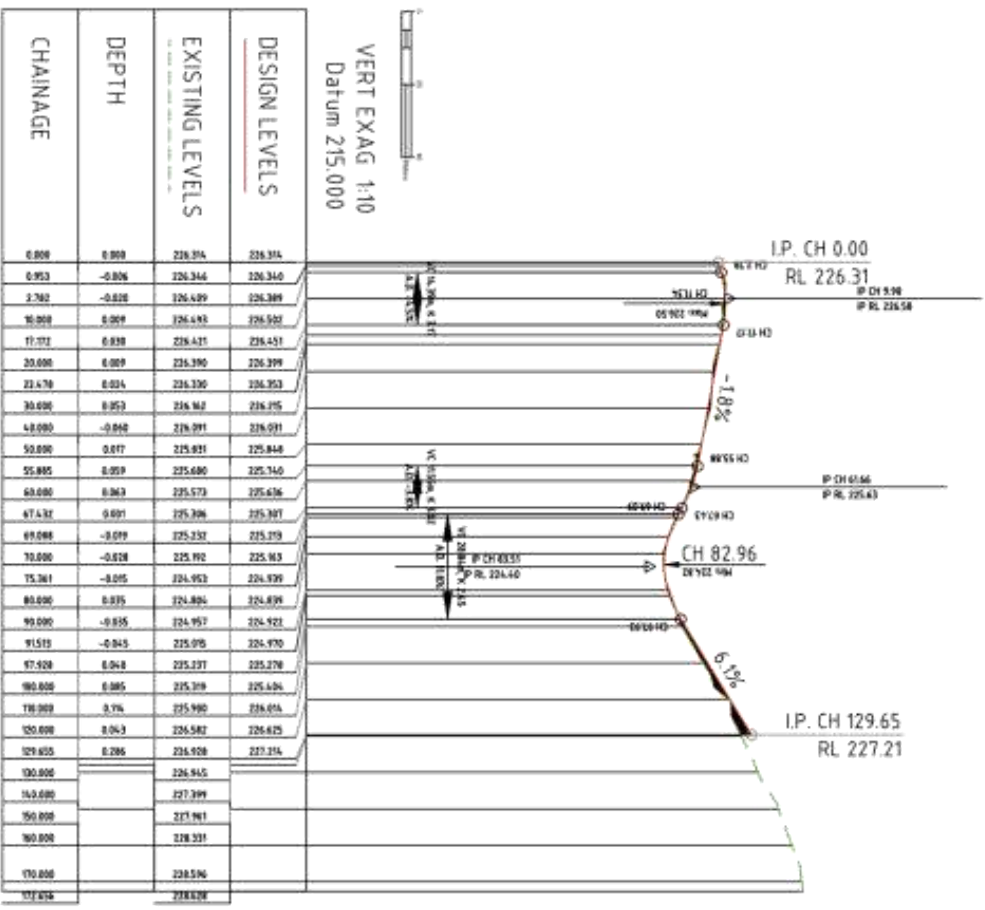
VERT EXAG 1:2
AS SHOWN

NOT FOR
CONSTRUCTION

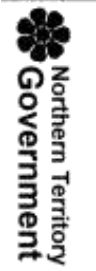
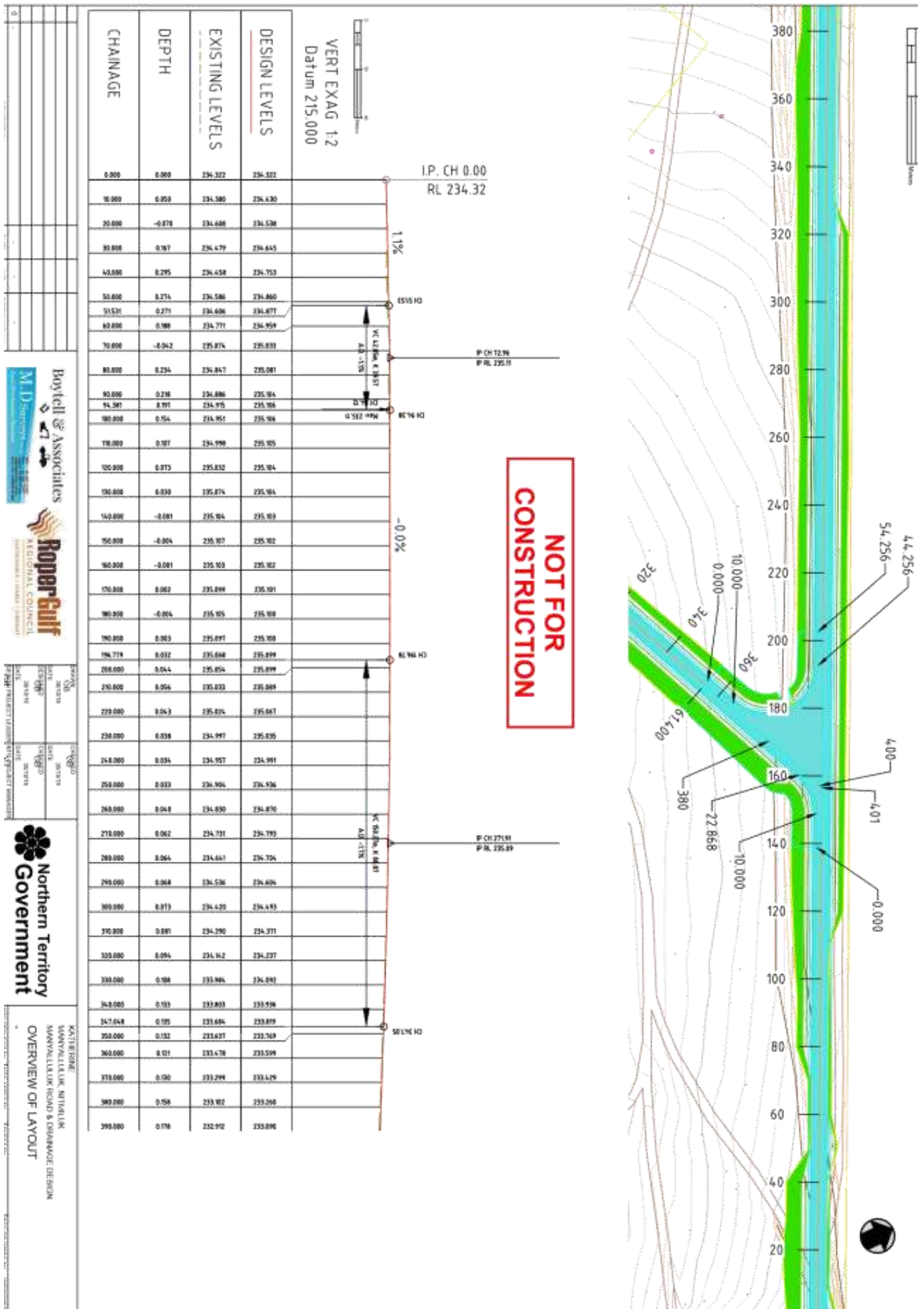
 Boyell & Associates M.D. Surveyors & Engineers 10000 100th Street, Edmonton, Alberta T5A 0A6	 Roper Gulf NATIONAL COUNCIL (MEMBER SINCE 1984)	 Northern Territory Government
PROJECT NO: 1909-001 DATE: 08/2019 DRAWN BY: [Name] CHECKED BY: [Name]	PROJECT NO: 1909-001 DATE: 08/2019 DRAWN BY: [Name] CHECKED BY: [Name]	KATHLEEN MANUPELLIUK, MTHLALUK MANUPELLIUK ROAD & DRAINAGE DESIGN OVERVIEW OF LAYOUT



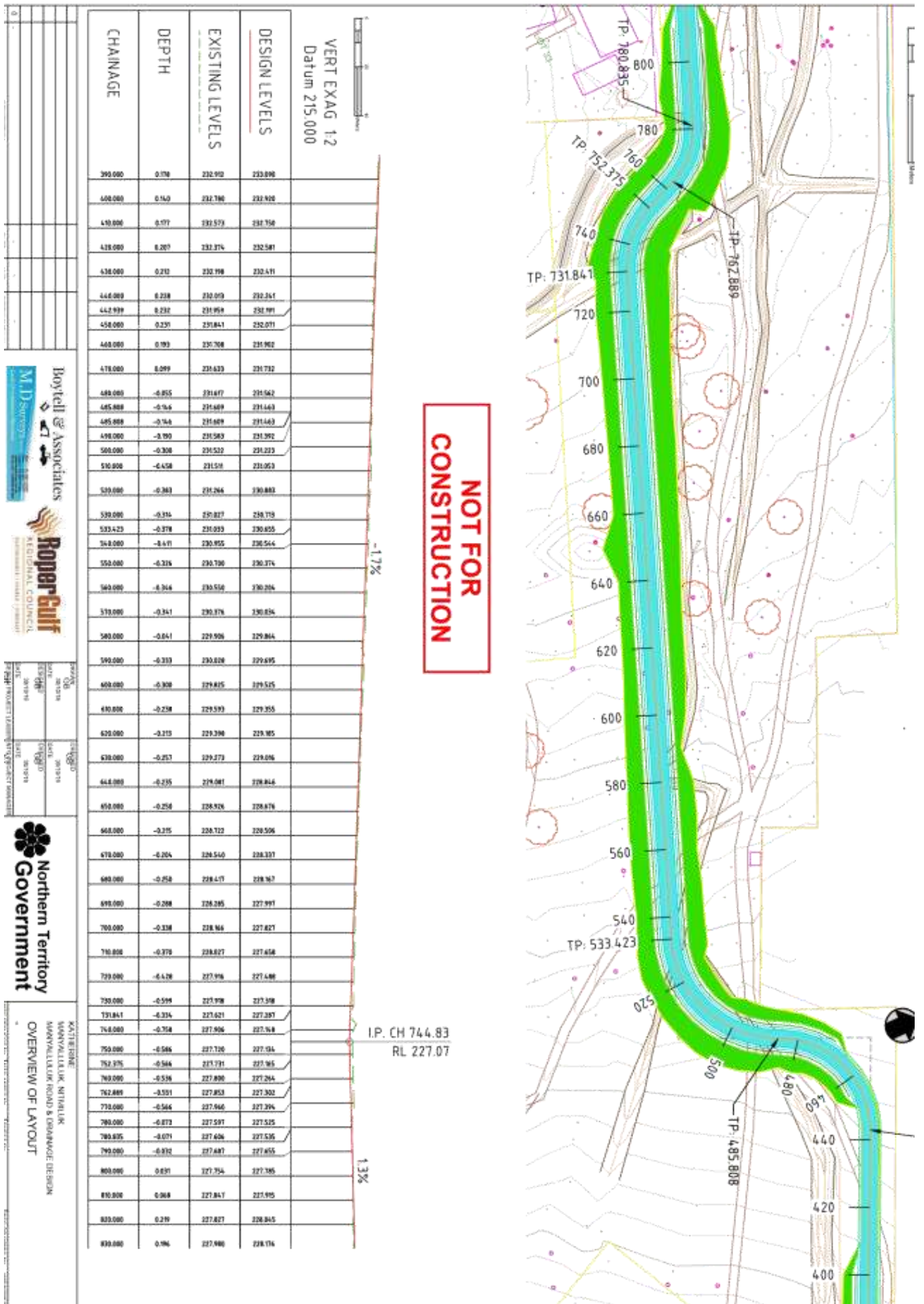
NOT FOR
CONSTRUCTION



 	 KATHERINE MUNICIPALITY OVERVIEW OF LAYOUT
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KATHERINE
MAYNARD
OVERVIEW OF LAYOUT



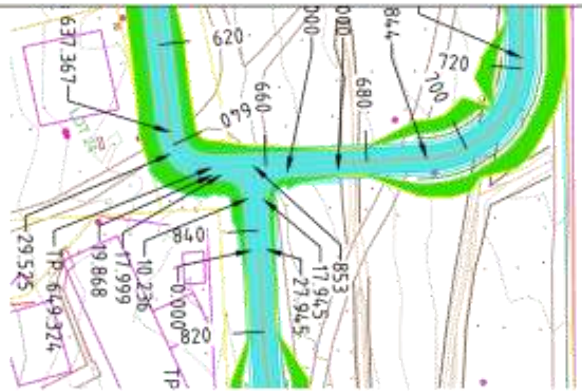
Boydell & Associates
M.D. Associates

Roper Gulf
NATIONAL COUNCIL
Municipal Council

PERMIT PROJECT INFORMATION SHEET

Northern Territory Government

KATHERINE
MUNICIPALITY
MAYMULLIK ROAD & DRAINAGE DESIGN
OVERVIEW OF LAYOUT



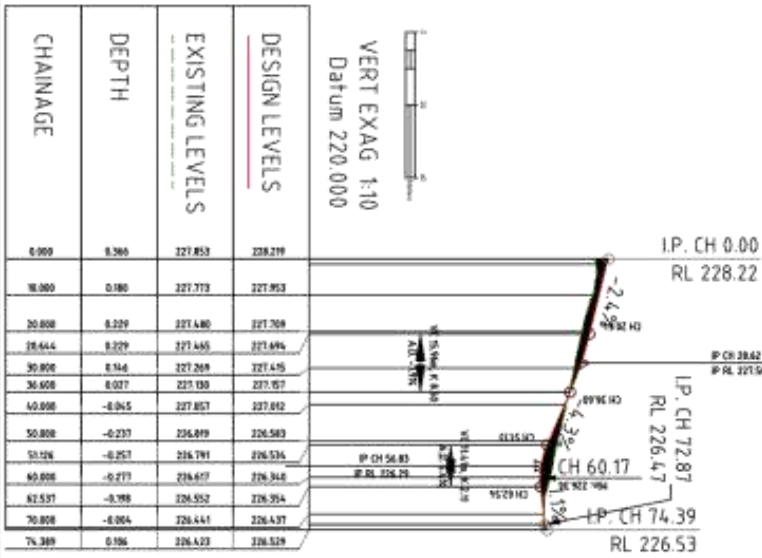
VERT EXAG 1:2 Datum 215.000		I.P. CH 851.30 RL 228.45	
DESIGN LEVELS		228.176	228.196
EXISTING LEVELS		227.988	227.988
DEPTH		0.168	0.168
CHAINAGE		838.000	852.700

NOT FOR CONSTRUCTION

0						
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DATE	BY	DATE	BY
10/20/18	JK	10/20/18	JK

KATHERINE
MAYVALUOLUK NATHALUK
MAYVALUOLUK ROAD & DRAINAGE DESIGN
OVERVIEW OF LAYOUT



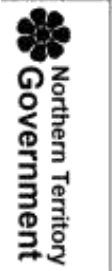
VERT EXAG 1:10
Datum 220.000

CHAINAGE	DEPTH	EXISTING LEVELS	DESIGN LEVELS
0.000	0.360	227.633	228.219
18.000	0.180	227.773	227.953
20.000	0.220	227.680	227.708
28.444	0.229	227.445	227.486
30.000	0.146	227.268	227.475
36.600	0.027	227.130	227.957
40.000	-0.045	227.857	227.812
50.000	-0.237	226.899	226.583
51.296	-0.257	226.791	226.536
60.000	-0.777	226.617	226.348
62.537	-0.788	226.552	226.354
70.000	-0.804	226.441	226.437
74.389	0.103	226.423	226.529

NOT FOR
CONSTRUCTION



DATE	BY	SCALE
2019/04/04	MD	AS SHOWN
DATE	BY	SCALE
2019/04/04	MD	AS SHOWN



KATHERINE
MANUAL/LOCAL AUTHORITY
MANUAL/LOCAL ROAD & DRAINAGE DESIGN
OVERVIEW OF LAYOUT

GENERAL BUSINESS



ITEM NUMBER	12.4
TITLE	Weemol Communit - Internal Roads Reseal
REFERENCE	867935
AUTHOR	Vikrant JAGARLAMUDI, Roads Coordinator

RECOMMENDATION

That the Roads Committee receives and notes the update on Weemol internal roads reseal works

BACKGROUND

Due to the short timeframes required to complete the project and contractor being on site, in accordance with *Local Government (Accounting) Regulations 2008* Council sought exemption from the tender process through the Department of Housing and Community Development. The exemption was granted on 12 September 2019 and Downer EDI was awarded the contract.

Due to complicated work schedules, Downer EDI could not undertake the works and informed that they cannot commit to a new date until April next year. Therefore, Council released a public tender through Tenderlink for two (2) weeks from 16 October 2019 to 30 October 2019 in accordance with *Local Government (Accounting) Regulations 2008*. Council received three (3) bids and it has been reported to the Finance Committee for approval. Works are expected to commence upon approval from Finance Committee engage the chosen contractor.

ISSUES/OPTIONS/SWOT

Nil

FINANCIAL CONSIDERATIONS

Council has allocated an amount of \$320,000 (GST excluding) towards this project with an aim to achieve the works within the budget.

ATTACHMENTS:

There are no attachments for this report.

GENERAL BUSINESS



ITEM NUMBER	12.5
TITLE	Mataranka Cemetery Upgrades update
REFERENCE	868328
AUTHOR	Vikrant JAGARLAMUDI, Roads Coordinator

RECOMMENDATION

That the Roads Committee receives and notes the update on Mataranka Cemetery upgrades

BACKGROUND

Coffey has been engaged to design the columbarium and car park in the cemetery. Unforeseen issues relating to the bores has caused time delays in delivery of designs.

Coffey has designed a Columbarium without a centre pole, it is estimated that the cost for construction will be \$98,328.00 (excluding GST).

These drawings will be taken to Community consultation at the next Local Authority (LA) meeting for approval. Coffey will proceed further and provide final drawings pending this approval.

ISSUES/OPTIONS/SWOT

The same design utilising a centre pole will cost approximately 40% (roughly \$40,000) less due to structural requirements

FINANCIAL CONSIDERATIONS

Potential saving of 40% of the indicated cost if a center pole is agreed upon

ATTACHMENTS: