

SCRC
HYDROGRAPHIC SURVEY
Myuna Canal & Tee
Minyama

- GENERAL NOTES:**
1. VISIBLE SERVICES ONLY HAVE BEEN LOCATED. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATION OF ALL SERVICES.
 2. MGA2020 ZONE 56 COORDINATES & AHD ELEVATIONS DERIVED FROM : CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS)
 3. DATA SET COORDINATES ARE TRUE MGA.
 4. BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
 5. BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.
 6. CONTOUR INTERVAL SHOWN IS 0.5 METRE.
 7. SECTION VIEW VERTICAL SCALE 5 x EXAGGERATION 1:200

- METHOD**
1. HORIZONTAL & VERTICAL POSITIONING HAS BEEN DERIVED VIA RTK GPS AND CEE ECHO SINGLE BEAM ECHO SOUNDER (200 KHZ TRANSDUCER).
 2. DATA POST PROCESSED USING HYPACK HYDROGRAPHIC SURVEY SOFTWARE, DIGITAL TERRAIN MODEL CREATED WITH CIVIL3D (2020) SOFTWARE.
 3. THIS IS A CLASS C HYDROGRAPHIC SURVEY AS DEFINED BY MARITIME SAFETY QLD - STANDARDS FOR HYDROGRAPHIC SURVEYS
 4. CALIBRATION OF ECHO SOUNDER & RTK GPS PERFORMED AT START & END OF EACH DAY DURING PERIOD OF SURVEY.

LEGEND

SURFACE ELEVATION DATA			
NUMBER	MINIMUM	MAXIMUM	COLOR
1	-6.00	-5.00	Dark Purple
2	-5.00	-4.00	Medium Purple
3	-4.00	-3.00	Blue
4	-3.50	-3.00	Light Blue
5	-3.00	-2.50	Light Cyan
6	-2.50	-2.00	Cyan
7	-2.00	-1.50	Light Green
8	-1.50	-1.00	Green
9	-1.00	-0.50	Light Green
10	-0.50	0.00	Yellow-Green
11	0.00	0.50	Yellow
12	0.50	1.00	Orange
13	1.00	1.50	Red-Orange



Revisions	Surveyed	Drawn	Checked	Passed	Date
A					31.01.23

DSQ
LAND SURVEYORS

SUNSHINE COAST
 PO Box 1073, Buddina QLD 4575 Ph: (07) 5437 8555
 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
 TOOWOOMBA - DALBY - CHINCHILLA

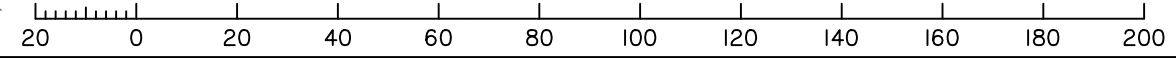
Horiz. Datum MGA2020-56 Vert. Datum AHD
 Origin CORS Origin PSM 182499
 RL 2.055

Locality: MINYAMA
 Local Government: SUNSHINE COAST R. C.

SHEET 1 OF 4 Scale A3 1:XXXX
 DRAWING NUMBER REV.

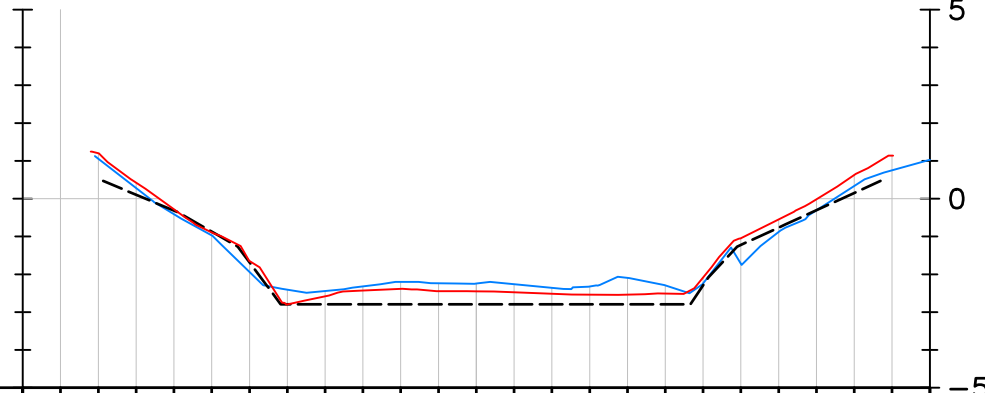
14668-DTM-03 **A**

Scale 1:1500 - Lengths are in Metres.



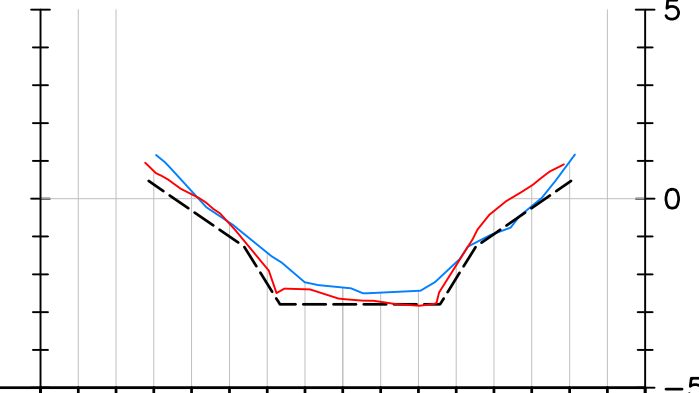
W:\ISSC_Data\Jobs\Jobs Current\14668 SCRC (Minyama)\Data Survey\Drafting\DTM\14668 DTM 03 MYUNA CANAL.dwg

MYUNA CANAL - CH 40.0



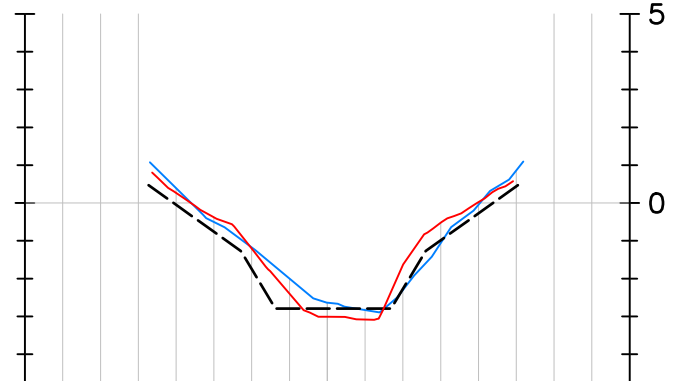
OFFSETS	-60.00	-55.00	-50.00	-45.00	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00	+45.00	+50.00	+55.00	+60.00
EXISTING LEVELS Dec 2022			1.20	0.42	-0.28	-0.89	-1.65	-2.80	-2.58	-2.43	-2.38	-2.45	-2.45	-2.48	-2.51	-2.54	-2.54	-2.51	-2.08	-2.04	-0.55	-0.02	0.63	1.14	
DESIGN LEVELS				0.10	-0.32	-0.87	-1.68	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.29	-1.22	-0.76	-0.31	0.15		
DEPTH OF CUT - / FILL+				0.32	0.04	-0.02	0.04	-0.01	0.21	0.36	0.41	0.35	0.34	0.32	0.28	0.25	0.25	0.28	0.21	0.18	0.21	0.29	0.48		

MYUNA CANAL - CH 80.0



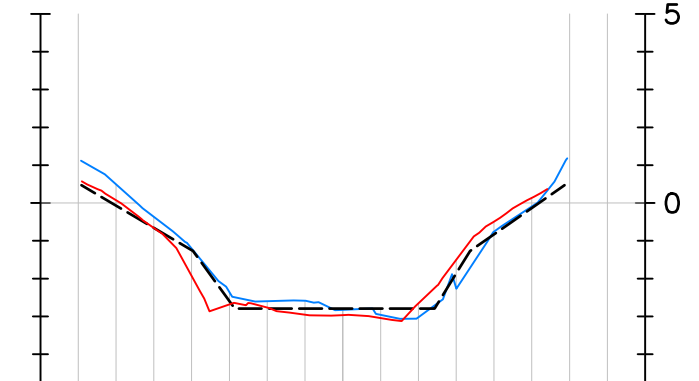
OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022				0.73	0.12	-0.66	-1.85	-2.39	-2.65	-2.73	-2.83	-1.76	-0.33	0.35			
DESIGN LEVELS				0.37	-0.31	-1.00	-2.25	-2.79	-2.79	-2.79	-2.79	-2.11	-0.94	0.44			
DEPTH OF CUT - / FILL+				0.35	0.43	0.34	0.40	0.40	0.14	0.06	-0.04	0.34	0.61	0.60			

MYUNA CANAL - CH 120.0

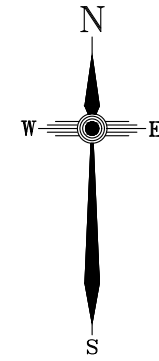


OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022					0.27	-0.38	-1.21	-2.40	-3.01	-3.08	-1.64	-0.52	0.02				
DESIGN LEVELS					-0.05	-0.76	-1.75	-2.79	-2.79	-2.79	-2.27	-0.99	0.44				
DEPTH OF CUT - / FILL+					0.31	0.38	0.54	0.39	-0.22	-0.29	0.63	0.46	0.30				

MYUNA CANAL - CH 160.0



OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022			0.07	-0.66	-1.93	-2.68	-2.77	-2.96	-2.97	-3.04	-2.66	-1.50	-0.49	0.14			
DESIGN LEVELS			-0.07	-0.66	-1.25	-2.60	-2.79	-2.79	-2.79	-2.79	-2.79	-1.86	-0.83	0.14			
DEPTH OF CUT - / FILL+			0.14	0.00	-0.68	-0.08	0.02	-0.16	-0.17	-0.25	0.14	0.36	0.34	0.27			



SCRC

HYDROGRAPHIC SURVEY
Myuna Canal & Tee
Minyama

GENERAL NOTES:

- VISIBLE SERVICES ONLY HAVE BEEN LOCATED. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATION OF ALL SERVICES.
- MGA2020 ZONE 56 COORDINATES & AHD ELEVATIONS DERIVED FROM CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS)
- DATA SET COORDINATES ARE TRUE MGA.
- BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
- BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.
- CONTOUR INTERVAL SHOWN IS 0.5 METRE.
- SECTION VIEW VERTICAL SCALE 5 x EXAGGERATION 1:200

METHOD

- HORIZONTAL & VERTICAL POSITIONING HAS BEEN DERIVED VIA RTK GPS AND CEE ECHO SINGLE BEAM ECHO SOUNDER (200 KHZ TRANSDUCER).
- DATA POST PROCESSED USING HYPACK HYDROGRAPHIC SURVEY SOFTWARE. DIGITAL TERRAIN MODEL CREATED WITH CIVIL3D (2020) SOFTWARE.
- THIS IS A CLASS C HYDROGRAPHIC SURVEY AS DEFINED BY MARITIME SAFETY QLD - STANDARDS FOR HYDROGRAPHIC SURVEYS
- CALIBRATION OF ECHO SOUNDER & RTK GPS PERFORMED AT START & END OF EACH DAY DURING PERIOD OF SURVEY.

LEGEND

- 2022 SURVEY
- 2003 SURVEY
- DESIGN PROFILE



Revisions	Surveyed	Drawn	Checked	Passed	Date
A					31.01.23



SUNSHINE COAST
PO Box 1073, Buddina QLD 4575 Ph: (07) 5437 8555
mail@dsqsurvey.com ABN: 91 615 043 251
www.dsqsurvey.com ACN: 615 043 251
TOOWOOMBA - DALBY - CHINCHILLA

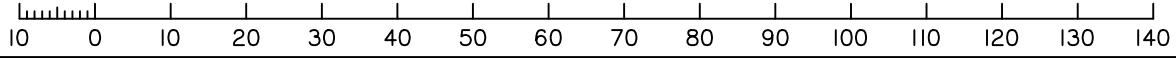
Horiz. Datum MGA2020-56 Vert. Datum AHD
Origin CORS Origin PSM 182499
RL 2.055

Locality: MINYAMA
Local Government: SUNSHINE COAST R. C.

SHEET 2 OF 4 Scale **A3 1:1000**

DRAWING NUMBER **14668-DTM-03** REV. **A**

Scale 1:1000 - Lengths are in Metres.



W:\PSQ_Data\Jobs\Jobs Current\14668 SCRC (Minyama)\Data Survey\Drafting\DTM\14668 DTM 03 MYUNA CANAL.dwg

SCRC

HYDROGRAPHIC SURVEY
Myuna Canal & Tee
Minyama

GENERAL NOTES:

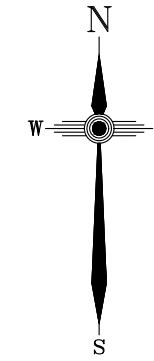
- VISIBLE SERVICES ONLY HAVE BEEN LOCATED. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATION OF ALL SERVICES.
- MGA2020 ZONE 56 COORDINATES & AHD ELEVATIONS DERIVED FROM CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS)
- DATA SET COORDINATES ARE TRUE MGA.
- BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
- BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.
- CONTOUR INTERVAL SHOWN IS 0.5 METRE.
- SECTION VIEW VERTICAL SCALE 5 x EXAGGERATION 1:200

METHOD

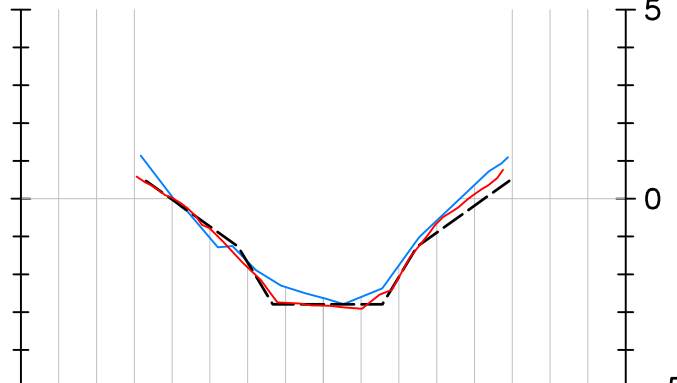
- HORIZONTAL & VERTICAL POSITIONING HAS BEEN DERIVED VIA RTK GPS AND CEE ECHO SINGLE BEAM ECHO SOUNDER (200 KHZ TRANSDUCER).
- DATA POST PROCESSED USING HYPACK HYDROGRAPHIC SURVEY SOFTWARE, DIGITAL TERRAIN MODEL CREATED WITH CIVIL3D (2020) SOFTWARE.
- THIS IS A CLASS C HYDROGRAPHIC SURVEY AS DEFINED BY MARITIME SAFETY QLD - STANDARDS FOR HYDROGRAPHIC SURVEYS
- CALIBRATION OF ECHO SOUNDER & RTK GPS PERFORMED AT START & END OF EACH DAY DURING PERIOD OF SURVEY.

LEGEND

- 2022 SURVEY
- 2003 SURVEY
- DESIGN PROFILE

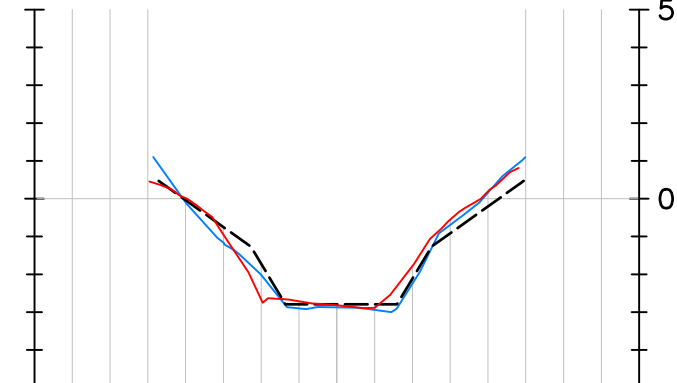


MYUNA TEE - CH 40.0



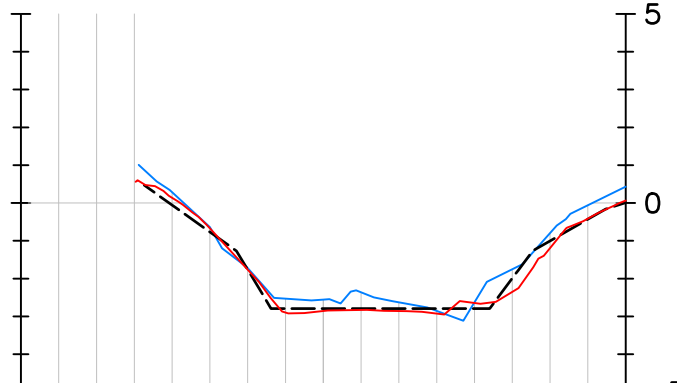
OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022					-0.02	-0.74	-1.69	-2.79	-2.79	-2.79	-2.07	-0.90	-0.18				
DESIGN LEVELS					-0.02	-0.74	-1.69	-2.79	-2.79	-2.07	-0.90	-0.18					
DEPTH OF CUT - / FILL+					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

MYUNA TEE - CH 80.0



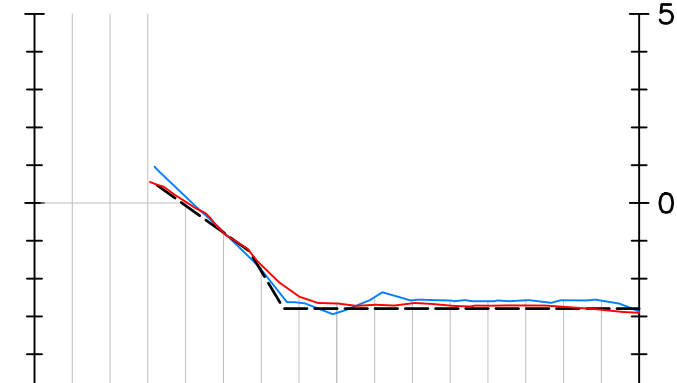
OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022					-0.04	-0.75	-1.73	-2.79	-2.79	-2.79	-2.11	-0.92	-0.20				
DESIGN LEVELS					-0.04	-0.75	-1.73	-2.79	-2.79	-2.11	-0.92	-0.20					
DEPTH OF CUT - / FILL+					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

MYUNA TEE - CH 120.0



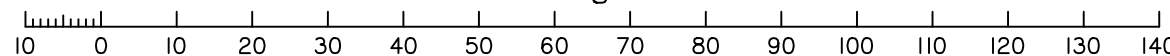
OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022					-0.05	-0.77	-1.76	-2.79	-2.79	-2.79	-2.79	-2.79	-1.99	-1.00	-0.43	0.01	
DESIGN LEVELS					-0.05	-0.77	-1.76	-2.79	-2.79	-2.79	-2.79	-2.79	-1.99	-1.00	-0.43	0.01	
DEPTH OF CUT - / FILL+					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

MYUNA TEE - CH 160.0

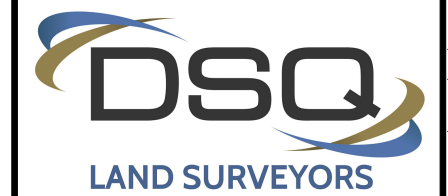


OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022					-0.07	-0.78	-1.80	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79
DESIGN LEVELS					-0.07	-0.78	-1.80	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79
DEPTH OF CUT - / FILL+					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Scale 1:1000 - Lengths are in Metres.



Revisions	Surveyed	Drawn	Checked	Passed	Date
A					31.01.23



SUNSHINE COAST
 PO Box 1073, Buddina QLD 4575 Ph: (07) 5437 8555
 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
 TOOWOOMBA - DALBY - CHINCHILLA

Horiz. Datum MGA2020-56 Vert. Datum AHD
 Origin CORS Origin PSM 182499
 RL 2.055

Locality: MINYAMA
 Local Government: SUNSHINE COAST R. C.

SHEET 3 OF 4 Scale A3 1:1000

DRAWING NUMBER 14668-DTM-03 REV. A

W:\PSQ_Data\Jobs\Jobs Current\14668 SCRC (Minyama)\Data Survey\Drafting\DTM\14668 DTM 03 MYUNA CANAL.dwg

SCRC

HYDROGRAPHIC SURVEY
Myuna Canal & Tee
Minyama

GENERAL NOTES:

- VISIBLE SERVICES ONLY HAVE BEEN LOCATED. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATION OF ALL SERVICES.
- MGA2020 ZONE 56 COORDINATES & AHD ELEVATIONS DERIVED FROM CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS)
- DATA SET COORDINATES ARE TRUE MGA.
- BOUNDARIES HAVE NOT BEEN SURVEYED OR REINSTATED
- BOUNDARIES SHOWN ARE COMPILED FROM DCDB DATA.
- CONTOUR INTERVAL SHOWN IS 0.5 METRE.
- SECTION VIEW VERTICAL SCALE 5 x EXAGGERATION 1:200

METHOD

- HORIZONTAL & VERTICAL POSITIONING HAS BEEN DERIVED VIA RTK GPS AND CEE ECHO SINGLE BEAM ECHO SOUNDER (200 KHZ TRANSDUCER).
- DATA POST PROCESSED USING HYPACK HYDROGRAPHIC SURVEY SOFTWARE. DIGITAL TERRAIN MODEL CREATED WITH CIVIL3D (2020) SOFTWARE.
- THIS IS A CLASS C HYDROGRAPHIC SURVEY AS DEFINED BY MARITIME SAFETY QLD - STANDARDS FOR HYDROGRAPHIC SURVEYS
- CALIBRATION OF ECHO SOUNDER & RTK GPS PERFORMED AT START & END OF EACH DAY DURING PERIOD OF SURVEY.

LEGEND

- 2022 SURVEY
- 2003 SURVEY
- DESIGN PROFILE



Revisions	Surveyed	Drawn	Checked	Passed	Date
A					31.01.23



SUNSHINE COAST
 PO Box 1073, Buddina QLD 4575 Ph: (07) 5437 8555
 mail@dsqsurvey.com ABN: 91 615 043 251
 www.dsqsurvey.com ACN: 615 043 251
 TOOWOOMBA - DALBY - CHINCHILLA

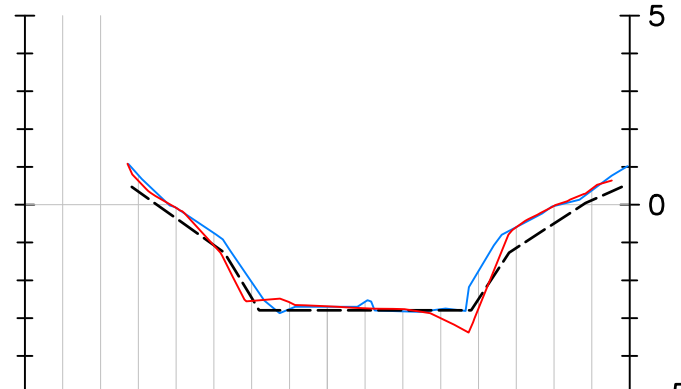
Horiz. Datum MGA2020-56 Vert. Datum AHD
 Origin CORS Origin PSM 182499
 RL 2.055

Locality: MINYAMA
 Local Government: SUNSHINE COAST R. C.

SHEET 4 OF 4 Scale **A3 1:1000**

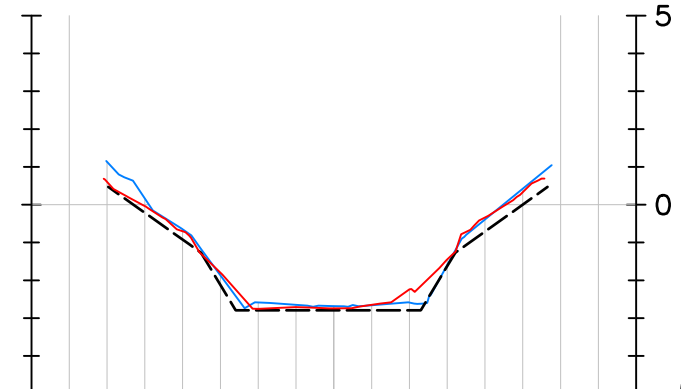
DRAWING NUMBER **14668-DTM-03** REV. **A**

MYUNA TEE - CH 200.0



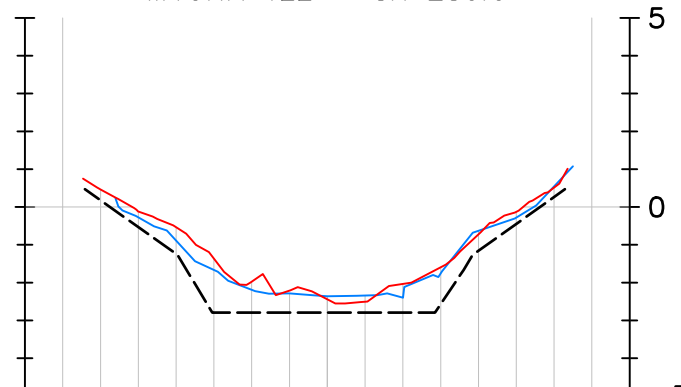
OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022				0.35	-0.36	-1.07	-2.47	-2.79	-2.79	-2.79	-2.79	-2.79	-2.50	-1.14	-0.50	0.12	
DESIGN LEVELS				0.35	-0.36	-1.07	-2.47	-2.79	-2.79	-2.79	-2.79	-2.79	-2.50	-1.14	-0.50	0.12	
DEPTH OF CUT - / FILL+				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

MYUNA TEE - CH 240.0



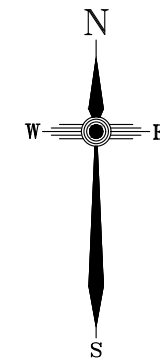
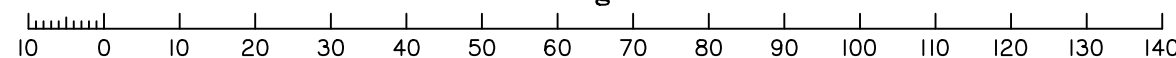
OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022				-0.21	-0.92	-2.12	-2.79	-2.79	-2.79	-2.79	-2.79	-1.63	-0.71	0.00			
DESIGN LEVELS				-0.21	-0.92	-2.12	-2.79	-2.79	-2.79	-2.79	-2.79	-1.63	-0.71	0.00			
DEPTH OF CUT - / FILL+				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

MYUNA TEE - CH 280.0



OFFSETS	-40.00	-35.00	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	+5.00	+10.00	+15.00	+20.00	+25.00	+30.00	+35.00	+40.00
EXISTING LEVELS Dec 2022			0.18	-0.53	-1.24	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.57	-1.16	-0.45	0.26		
DESIGN LEVELS			0.18	-0.53	-1.24	-2.79	-2.79	-2.79	-2.79	-2.79	-2.79	-2.57	-1.16	-0.45	0.26		
DEPTH OF CUT - / FILL+			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Scale 1:1000 - Lengths are in Metres.



W:\DSC_Data\Jobs\Jobs Current\14668 SCRC (Minyama)\Data Survey\Drafting\DTM\14668 DTM 03 MYUNA CANAL.dwg