

Appendix D – Development Plans

SAFETY IN DESIGN INFORMATION
THERE MAY BE ADDITIONAL HAZARDS / RISKS NOT NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING. REFER TO THE FOLLOWING:
60730804-RP-SA-001

TMR DRFA 24E

CAPTAIN COOK HIGHWAY (20A)

PRIORITY 1 - SITE 6 (52.3 km)

144712 SITE 6 PEBBLY BEACH

DESIGN NOTE:

This project, CN-23699, is a restoration type project for the rehabilitation of the existing road embankment and pavement. In accordance with the Road Planning and Design Manual, Edition 2, Volume 3, Part 1 (dated November 2021), this design has been classified as a Road Design Class D.

The proposed design reinstates the existing geometry, with minor variations as required, to meet the intent of the restoration works. Geometric parameters have not been assessed to determine compliance with relevant guidelines nor have safety assessments been conducted on the proposed works.

As per the guidelines, a Class D project retains the existing design exceptions if present.

DRAWING LIST – SITE 6 (52.3 km)

Drawing Number	Rev.	Date	Series Number	Drawing Description	Design Approved
958863	3	06/12/2024	DI-01	DRAWING LIST, LOCALITY PLAN AND SIGNATURE BLOCK, SITE 6 (52.3 km)	
958864	3	06/12/2024	TC-01	TYPICAL SECTIONS, SITE 6 (52.3 km), SHEET 1 OF 3	
958865	3	06/12/2024	TC-02	TYPICAL SECTIONS, SITE 6 (52.3 km), SHEET 2 OF 3	
958866	3	06/12/2024	TC-03	TYPICAL SECTIONS, SITE 6 (52.3 km), SHEET 3 OF 3	
958867	3	06/12/2024	GE-01	GEOTECHNICAL DETAILS, SITE 6 (52.3 km)	
958868	3	06/12/2024	CL-01	CONTROL LINE AND SURVEY SETOUT PLAN AND TABLES, SITE 6 (52.3 km)	
958869	3	06/12/2024	GA-01	GENERAL ARRANGEMENT, SITE 6 (52.3 km)	
958870	3	06/12/2024	SP-01	DEMOLITION AND CLEARING PLANS, SITE 6 (52.3 km), SHEET 1 OF 4	
958871	3	06/12/2024	SP-02	DEMOLITION AND CLEARING PLANS, SITE 6 (52.3 km), SHEET 2 OF 4	
958872	3	06/12/2024	SP-03	DEMOLITION AND CLEARING PLANS, SITE 6 (52.3 km), SHEET 3 OF 4	
958873	3	06/12/2024	SP-04	DEMOLITION AND CLEARING PLANS, SITE 6 (52.3 km), SHEET 4 OF 4	
958874	3	06/12/2024	DD-DS-01	DRAINAGE DETAILS, SITE 6 (52.3 km)	
958875	3	06/12/2024	DS-01	DETAILED SETOUT, SITE 6 (52.3 km), SHEET 1 OF 4	
958876	3	06/12/2024	DS-02	DETAILED SETOUT, SITE 6 (52.3 km), SHEET 2 OF 4	
958877	3	06/12/2024	DS-03	DETAILED SETOUT, SITE 6 (52.3 km), SHEET 3 OF 4	
958878	3	06/12/2024	DS-04	DETAILED SETOUT, SITE 6 (52.3 km), SHEET 4 OF 4	
958879	3	06/12/2024	RF-NL-01	LINEMARKING, SIGNS AND ROAD FURNITURE, NOTES LEGEND AND DETAILS, SITE 6 (52.3 km)	
958880	3	06/12/2024	RF-01	LINEMARKING, SIGNS AND ROAD FURNITURE PLAN, SITE 6 (52.3 km), SHEET 1 OF 4	
958881	3	06/12/2024	RF-02	LINEMARKING, SIGNS AND ROAD FURNITURE PLAN, SITE 6 (52.3 km), SHEET 2 OF 4	
958882	3	06/12/2024	RF-03	LINEMARKING, SIGNS AND ROAD FURNITURE PLAN, SITE 6 (52.3 km), SHEET 3 OF 4	
958883	3	06/12/2024	RF-04	LINEMARKING, SIGNS AND ROAD FURNITURE PLAN, SITE 6 (52.3 km), SHEET 4 OF 4	
958884	3	06/12/2024	LA-01	LANDSCAPING AND SURFACING PLANS, SITE 6 (52.3 km), SHEET 1 OF 4	
958885	3	06/12/2024	LA-02	LANDSCAPING AND SURFACING PLANS, SITE 6 (52.3 km), SHEET 2 OF 4	
958886	3	06/12/2024	LA-03	LANDSCAPING AND SURFACING PLANS, SITE 6 (52.3 km), SHEET 3 OF 4	
958887	3	06/12/2024	LA-04	LANDSCAPING AND SURFACING PLANS, SITE 6 (52.3 km), SHEET 4 OF 4	
958888	3	06/12/2024	LA-DS-01	LANDSCAPING AND SURFACING, SITE 6 (52.3 km), CULVERT TIE-INS – SHEET 1 OF 3	
958889	3	06/12/2024	LA-DS-02	LANDSCAPING AND SURFACING, SITE 6 (52.3 km), CULVERT TIE-INS – SHEET 2 OF 3	
958890	3	06/12/2024	LA-DS-03	LANDSCAPING AND SURFACING, SITE 6 (52.3 km), CULVERT TIE-INS – SHEET 3 OF 3	

38 SHEETS OF ANNOTATED CROSS SECTIONS HAVE BEEN INCLUDED IN THE CONTRACT DOCUMENTS FOR THE CONTRACTORS INFORMATION.

SIGNATURE BLOCK

SCHEME SUBMITTED *(External Consultants or Internal Business Unit):*

This design meets the requirements of all relevant Australian Standards, Austroads Guidelines and Transport and Main Roads – Policies. References, Standards, Planning and Design Instructions, Guidelines and the requirements of the project brief/functional specifications.

SIGNED:

TITLE:

ORGANISATION:

DATE: -/-/-

SCHEME SCOPE AND FINANCIAL APPROVAL: *(Regional Director or Delegate):*

I hereby certify that this scheme complies with the intent of the scope and financial limits of the relevant project on QTRIP and the scheme is approved for release in accordance with that program.

SIGNED:

TITLE:

DATE:

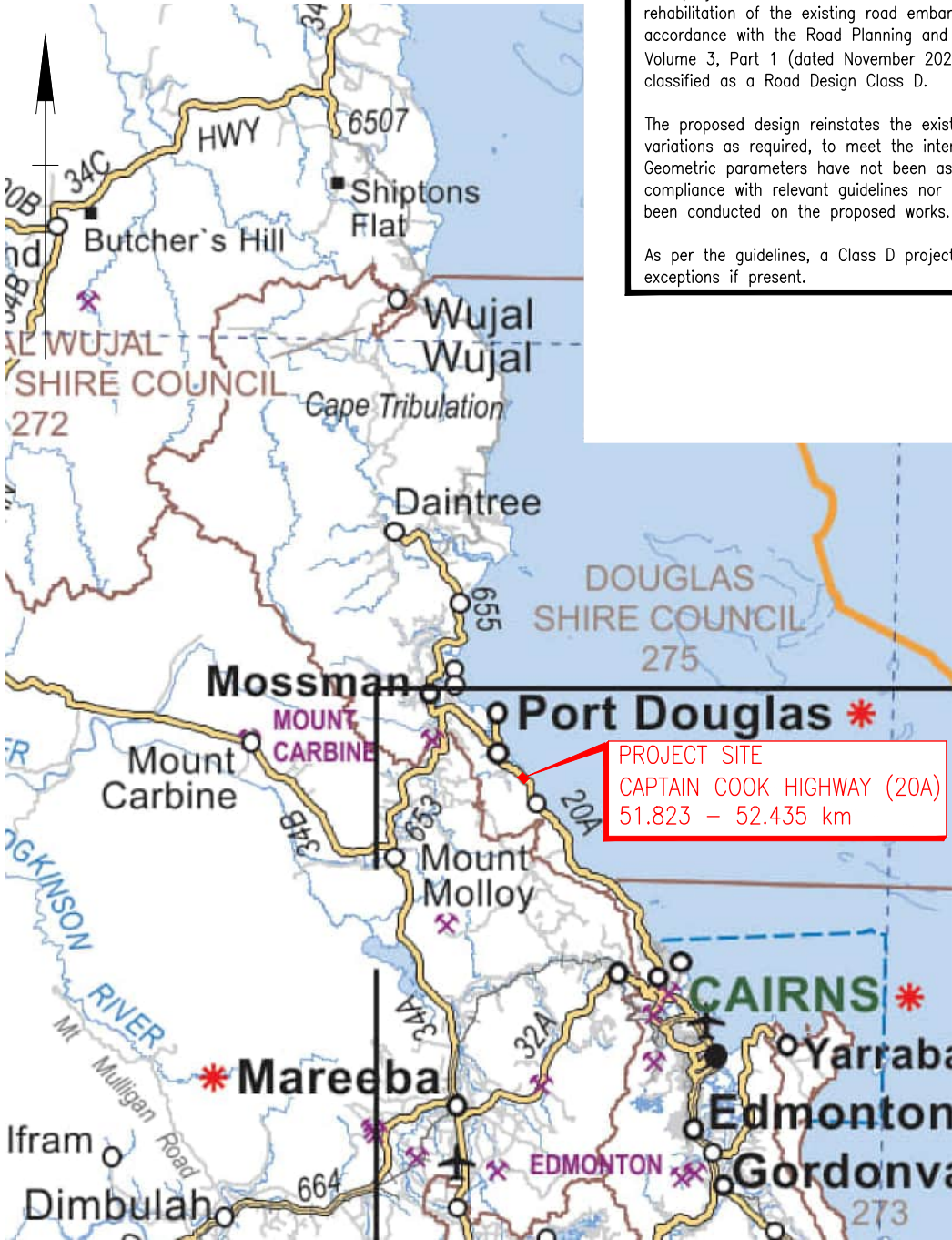
NOTE

SITES NAME REFERENCES WITH km SHOWN ARE RADAR CHAINAGE REFERENCE AND ARE FOR IDENTIFICATION PURPOSES ONLY

DESIGN EXCEPTION NOTES

THE DESIGN EXCEPTIONS (DE) CONSIST OF:
DE.S6-1 MINIMUM EXISTING SHOULDER WIDTH VARIES BETWEEN 0.2 AND 0.8m

DE.S6-2 BATTER SLOPE (AVERAGING 1:1.5) AND ROADSIDE HAZARD (VEGETATION WITHIN 1m OF EXISTING SHOULDER) UNPROTECTED BY SAFETY BARRIER.



				Associated Job Nos	Survey Data			DOUGLAS SHIRE COUNCIL (275)			
					Horiz. Datum	GDA 2020		CAPTAIN COOK HIGHWAY (20A)		DRAWING LIST, LOCALITY PLAN AND SIGNATURE BLOCK	
				Auxiliary Drg Nos	Horiz. Grid	MGA ZONE 55		CTL CHGE 51823 – 52435		SITE 6 (52.3 KM)	
3	100% DESIGN REVIEW		06/12/24		Height Datum	AHD DERIVED		Reference Points		ENGINEERING CERTIFICATION (RPEQ)	
2	80% DESIGN REVIEW		13/09/24		Survey Books	AU213016495		Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP
1	30% DESIGN REVIEW							20A/18	2.038	0.612	4.545
	Revisions/Descriptions	Signatory: – RPEQ Full Name, Eng. Area and RPEQ No. or – Full Name and Position Title	Date				Dimensions shown in metres except where shown otherwise	20A/19			
								Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)		ISSUED FOR REVIEW	
										6 December 2024	

Queensland Government

Job No. 275/20A/3441773

Contract No. CN-23699

Drawing No. 958863 3

Series Number DI-01 of 01

NOTES

1. ALL CHAINAGES ON DRAWINGS ARE APPROXIMATE AND A GUIDE ONLY.
2. LOCATIONS AND EXTENTS OF TYPE SECTIONS, PAVEMENT TREATMENTS, PAVEMENT MARKING AND SUPERELEVATION ARE INDICATIVE AND SHALL BE CONFIRMED ON SITE BY THE ADMINISTRATOR.
3. BITUMEN SURFACING, TRAFFIC LANES AND SHOULDER WIDTHS ARE INDICATIVE ONLY AND SHALL BE CONFIRMED ON SITE BY THE ADMINISTRATOR.
4. HORIZONTAL AND VERTICAL GEOMETRY OF PROVIDED CONTROL LINE HAS NOT BEEN INVESTIGATED. FINAL DESIGN TO MATCH EXISTING GEOMETRY.
5. ALL CULVERTS TO BE LOCATED AND COVER CONFIRMED PRIOR TO COMMENCEMENT OF WORKS. ANY CONCERNS TO BE RAISED WITH CONTRACT ADMINISTRATOR.
6. LONGITUDINAL JOINT IS TO BE MAX 300mm FROM EDGELINE OR CENTRELINE. IF OUTSIDE THAT LOCATION, EDGE OF PAVEMENT IS TO BE RELOCATED AND AGREED BY THE ADMINISTRATOR
7. PRIOR TO EXCAVATION WORKS, EXISTING PEBBLY STONES WITHIN THE PROPOSED REMEDIATION FOOTPRINT SHALL BE TEMPORARILY REMOVED AND STOCKPILED. AFTER PLACEMENT OF ROCK FILL AND ARMOUR ROCKS, PEBBLY STONES SHALL BE PLACED IN FRONT OF ROCK, NEAR THE TOE OF EMBANKMENT.
8. SMALL PAVEMENT CRACKS OUTSIDE REHABILITATION AREA TO BE SEALED WITH A POLYMER MODIFIED CRACK SEALANT APPROVED BY THE ADMINISTRATOR AS PER MRTS30 CLAUSE 8.2.3.
9. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH MRTS04 GENERAL EARTHWORKS, MRTS16 LANDSCAPE AND REVEGETATION WORKS, MRTS51 ENVIRONMENTAL MANAGEMENT AND MRTS52 EROSION AND SEDIMENT CONTROL. ANY ADDITIONAL CONFLICTS SHALL BE IDENTIFIED AND RESOLVED ONSITE WITH THE ADMINISTRATOR.
10. ALL EXISTING AND RETAINED ELEMENTS ARE SHOWN INDICATIVELY ONLY. THE LOCATION OF THESE ELEMENTS ARE BASED ON SURVEY INFORMATION (JULY 2024), ALL WORKS ARE TO BE SETOUT AND CONFIRMED ONSITE PRIOR TO CONSTRUCTION WORKS.

SERVICES NOTES

1. EXISTING SERVICES INDICATED ON THE DRAWINGS ARE INDICATIVE ONLY AND MAY NOT INCLUDE ALL SERVICES PRESENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THE POSITION OF ALL SERVICES WITH ALL SERVICES AUTHORITIES, AND ESTABLISH THE POSITION, LEVEL AND SIZE OF THE UTILITY SERVICES AND ANY CONFLICTS IN THE FIELD PRIOR TO PROCEEDING WITH ANY CONSTRUCTION OR EXCAVATION WORK.
2. THE CONTRACTOR MUST TAKE EVERY PRECAUTION TO PROTECT EXISTING WATER, STORMWATER, SEWERAGE, ELECTRICITY, GAS, TELEPHONE CONDUITS, AND OTHER EXISTING WORKS AND SERVICES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE RECTIFIED AT THE CONTRACTORS COSTS.
3. THE CONTRACTOR SHALL LOCATE ALL EXISTING SERVICES ON SITE AND IDENTIFY ANY CLASHES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

SEAL NOTES

1. AS PER MRTS11.1, CLAUSE 1, THE CONTRACTOR SHALL DESIGN THE SEAL. BINDER SPRAY RATES AND AGGREGATE SPREAD RATES ARE INDICATIVELY ONLY. FINAL DESIGN BY THE CONTRACTOR SHALL BE CONFIRMED WITH THE ADMINISTRATOR PRIOR TO THE COMMENCEMENT OF SEALING WORKS.
2. WPA – WATERPROOFING SEAL IS CALLED UP AS PROVISIONAL IF ORDERED. THE WATERPROOFING SEAL SHOULD BE INCORPORATED INTO THE WORKS UNTIL SUCH TIME THAT THE ASPHALT CONTRACTOR HAS DEMONSTRATED A HISTORY OF COMPLIANCE WITH THE INSITU VOIDS REQUIREMENTS IN MRTS30.

LEGEND

- # SURFACING WIDTH VARIES DUE TO EXISTING LANE WIDTHS AND SHOULDER VARIATIONS
- * THE CONTRACTOR SHALL CONSTRUCT NEW PAVEMENT TO MATCH EXISTING CROSSFALL U.N.O (I.E. % CROSSFALL AND DEVELOPMENT LENGTH). THE CONTRACTOR SHALL ALSO CONSTRUCT CROSSFALL ELSEWHERE WITH A TARGET OF 3%.
- EXISTING SURFACE
- ////////// EXISTING PAVED SURFACE

WPA – WATERPROOFING SEAL (PROVISIONAL, IF ORDERED)

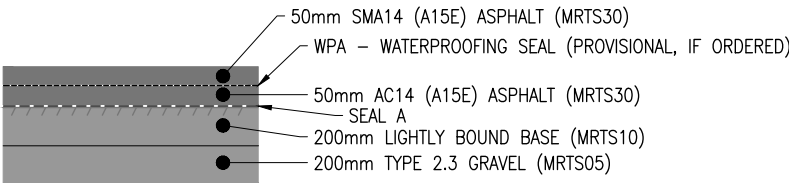
S25E @ 1.5L/m²
10mm AGGREGATE @ 165m²/m³

SEAL DESIGN

PRIME – AMC00 @ 0.9L/m²

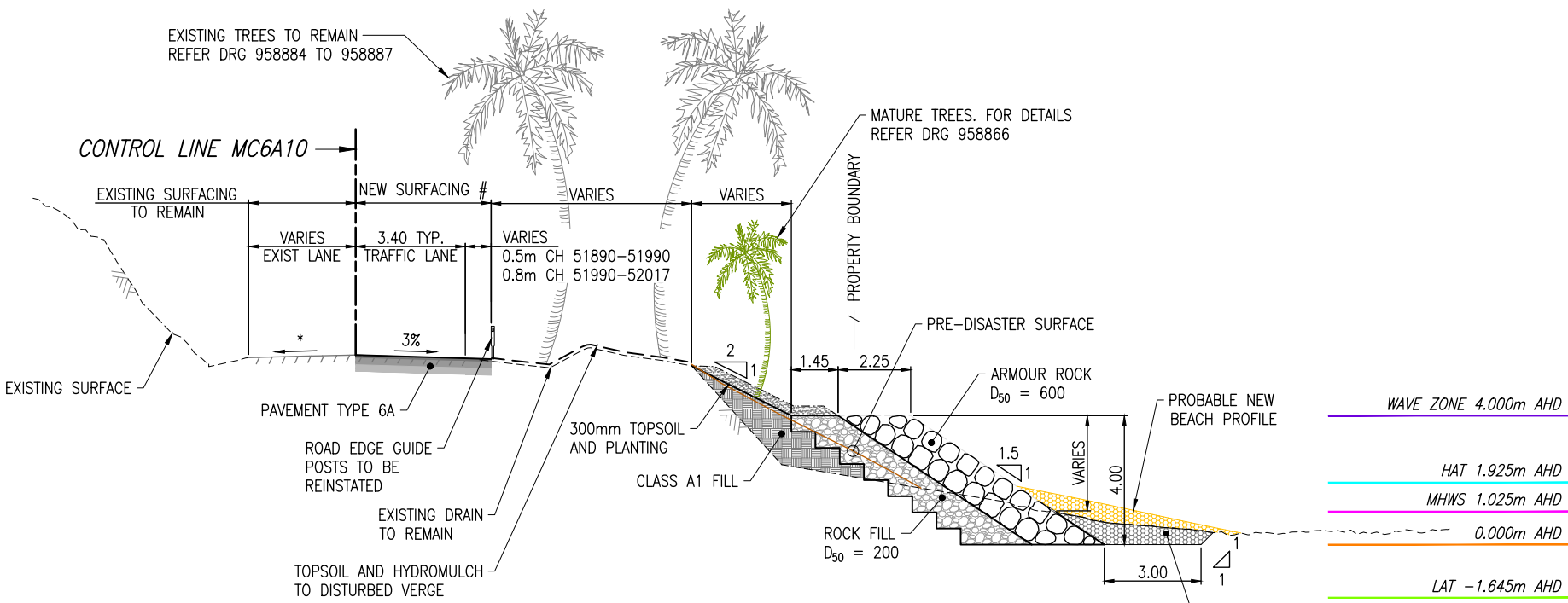
SEAL – S15E @ 1.5L/m²
10mm AGGREGATE @ 140m²/m³

PAVEMENT TYPE 6A



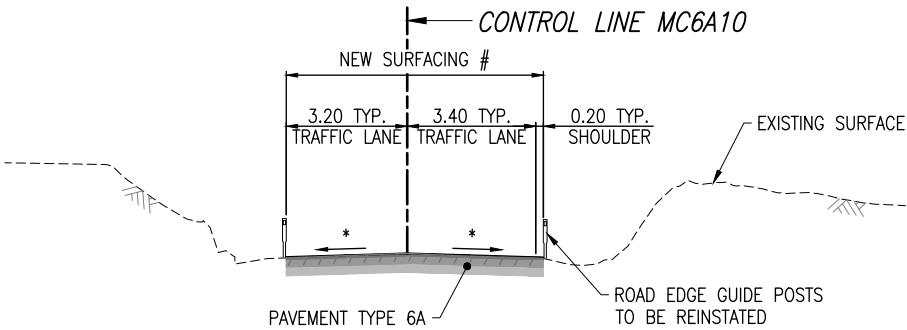
PAVEMENT DESIGN

AADT = 6,099 (SITE ID 110022, 2023)
HV% = 8.53%
DESIGN SUBGRADE CBR = N/A



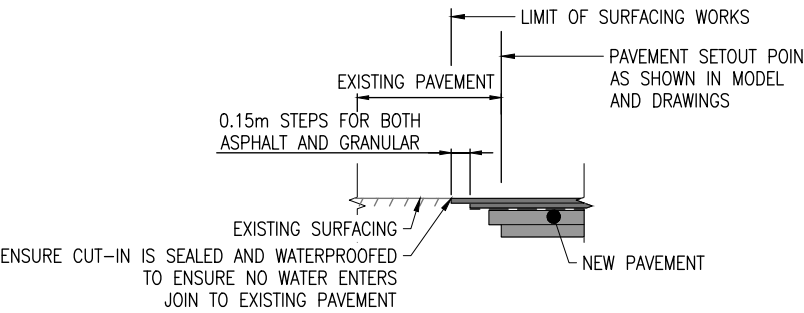
TYPICAL SECTION B (CAPTAIN COOK HWY 20A)

NOT TO SCALE
51890 – 52017



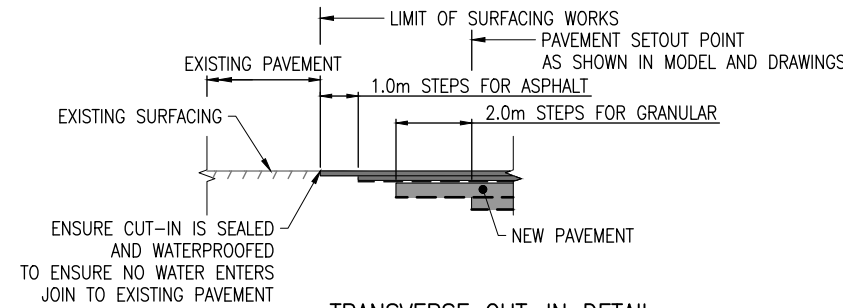
TYPICAL SECTION A (CAPTAIN COOK HWY 20A)

NOT TO SCALE
51823 – 51890




LONGITUDINAL CUT-IN DETAIL

NOT TO SCALE



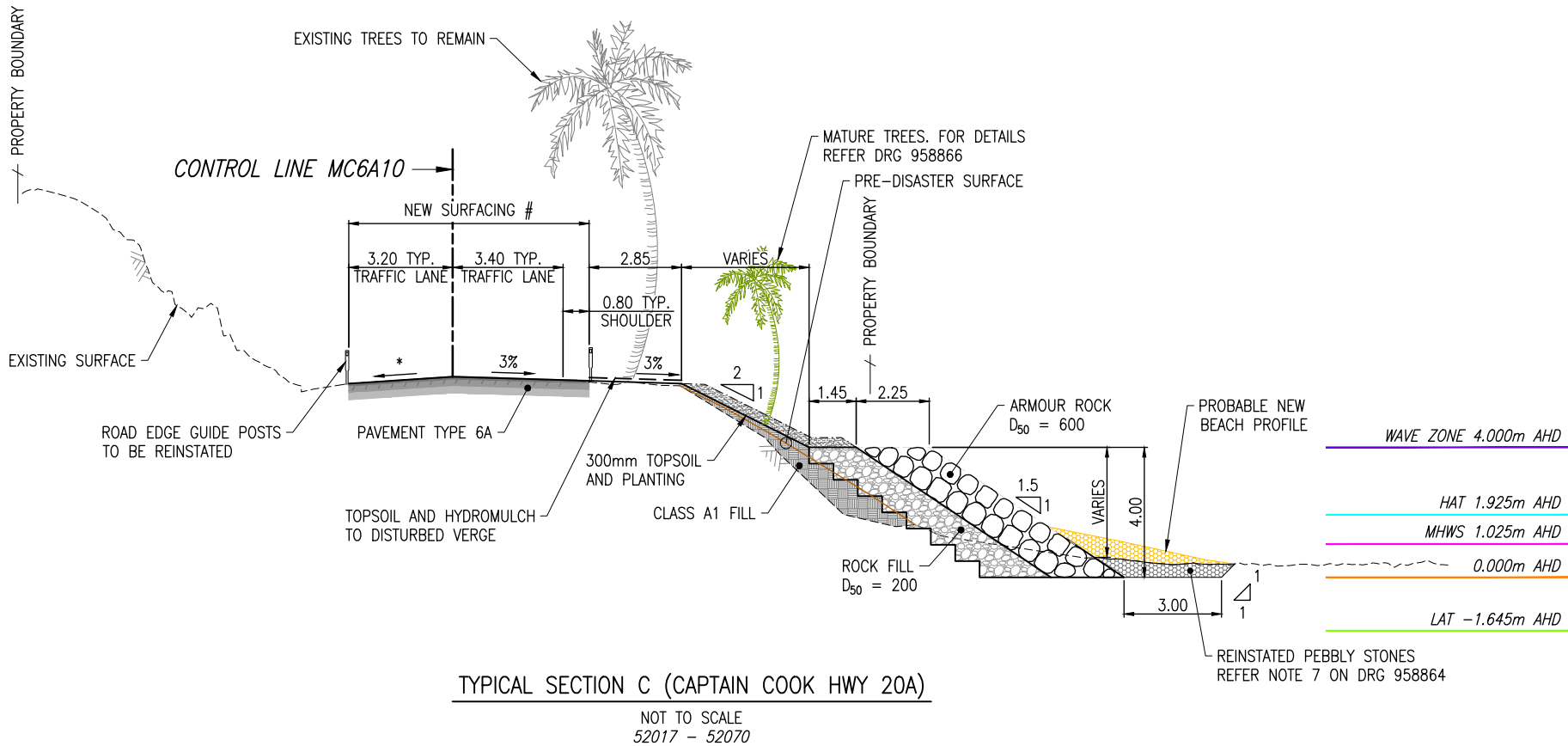
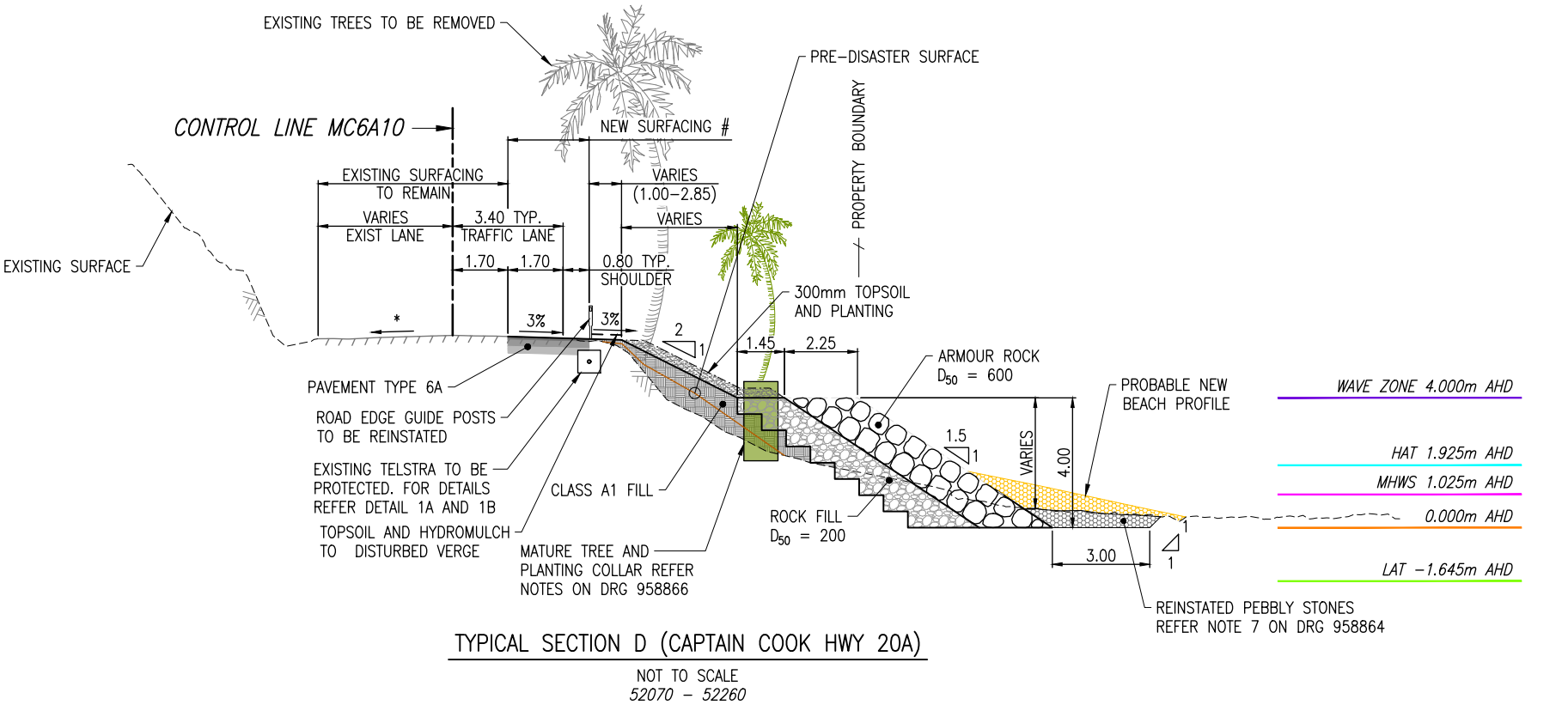
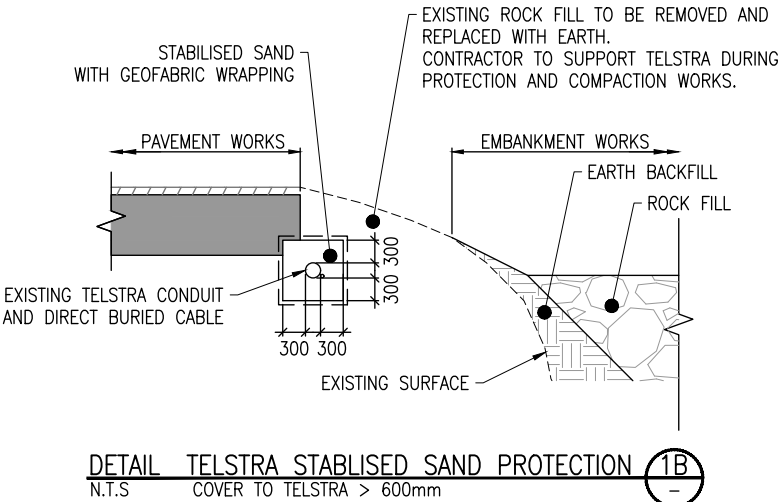
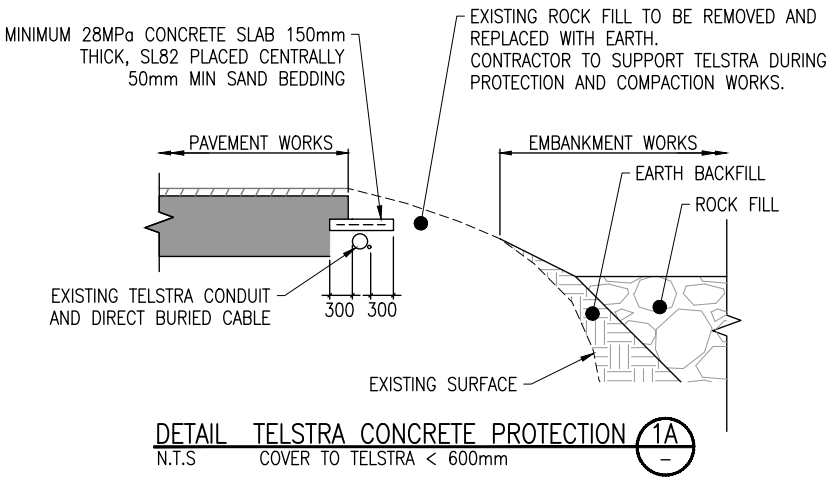
TRANSVERSE CUT-IN DETAIL

NOT TO SCALE

					Associated Job Nos	Survey Data		Scales	DOUGLAS SHIRE COUNCIL (275)					TYPICAL SECTIONS SITE 6 (52.3 KM) SHEET 1 OF 3		 Queensland Government						
						Horiz. Datum	GDA 2020		CAPTAIN COOK HIGHWAY (20A)													
3	100% DESIGN REVIEW				06/12/24		Auxiliary Drg Nos		Horiz. Grid	MGA ZONE 55		CTL CHGE 51823 – 52435										
2	80% DESIGN REVIEW				13/09/24	Height Datum				AHD DERIVED		Reference Points					ENGINEERING CERTIFICATION (RPEQ)		Job No.	275/20A/3441773		
1	30% DESIGN REVIEW						Survey Books		AU213016495		Dimensions shown in metres except where shown otherwise						Preceding RP		Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
Revisions/Descriptions			Signatory: – RPEQ Full Name, Eng. Area and RPEQ No. or – Full Name and Position Title			Date							20A/18	2.038	0.612	4.545	20A/19	Drawing No.	958864 3			
														Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)					ISSUED FOR REVIEW		Series Number	TC-01 of 03
																			6 December 2024			
CAD FILES AECOM_DS13_AU\Documents\60730804-TMR 2023 DRFA\900-CAD GIS\910_CAD\20_SHEETS\60730804-063101-TC																						

NOTES

1. FOR NOTES AND LEGEND REER DRG NO. 958864



Associated Job Nos	Survey Data	
	Horiz. Datum	GDA 2020
Auxiliary Drg Nos	Horiz. Grid	MGA ZONE 55
	Height Datum	AHD DERIVED
Survey Books	AU213016495	

Scales	NTS	
	Dimensions shown in metres except where shown otherwise	

DOUGLAS SHIRE COUNCIL (275)				
CAPTAIN COOK HIGHWAY (20A)				
CTL CHGE 51823 - 52435				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
20A/18	2.038	0.612	4.545	20A/19
Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)				

TYPICAL SECTIONS	
SITE 6 (52.3 KM)	
SHEET 2 OF 3	
ENGINEERING CERTIFICATION (RPEQ)	
ISSUED FOR REVIEW	
6 December 2024	

 Queensland Government	
Job No.	275/20A/3441773
Contract No.	CN-23699
Drawing No.	958865 3
Series Number	TC-02 of 03

NOTES

1. FOR ADDITIONAL NOTES AND LEGEND REER DRG NO. 958864

LANDSCAPING NOTES

1. ALL PLANS AND DETAILS ARE TO BE READ IN CONJUNCTION WITH THE LEGEND, SCHEDULES AND NOTES PROVIDED.
2. ALL PLANS AND DETAILS ARE TO BE READ IN CONJUNCTION WITH RELEVANT ENGINEERING AND ENVIRONMENTAL DESIGN DOCUMENTATION PACKAGES.
3. LANDSCAPE WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH DEPARTMENT OF TRANSPORT AND MAIN ROADS SPECIFICATION MRTS16, AND STANDARD DRAWINGS (LANDSCAPE AND REVEGETATION).
4. THE CONTRACTOR SHALL REMOVE ALL WEEDS DURING THE ESTABLISHMENT AND MAINTENANCE PERIODS IN ACCORDANCE WITH THE CONTRACTOR'S WEED MANAGEMENT PLAN AND MRTS16 REQUIREMENTS.
5. AREAS DISTURBED BY THE WORKS SHOWN TO THE EXTENT OF WORKS SHALL BE RE-INSTATED AND RECEIVE A SUITABLE LANDSCAPE TREATMENT DETERMINED BY THE ADMINISTRATOR, GENERALLY TO MATCH THE TREATMENT CLOSEST TO THE AFFECTED AREA.

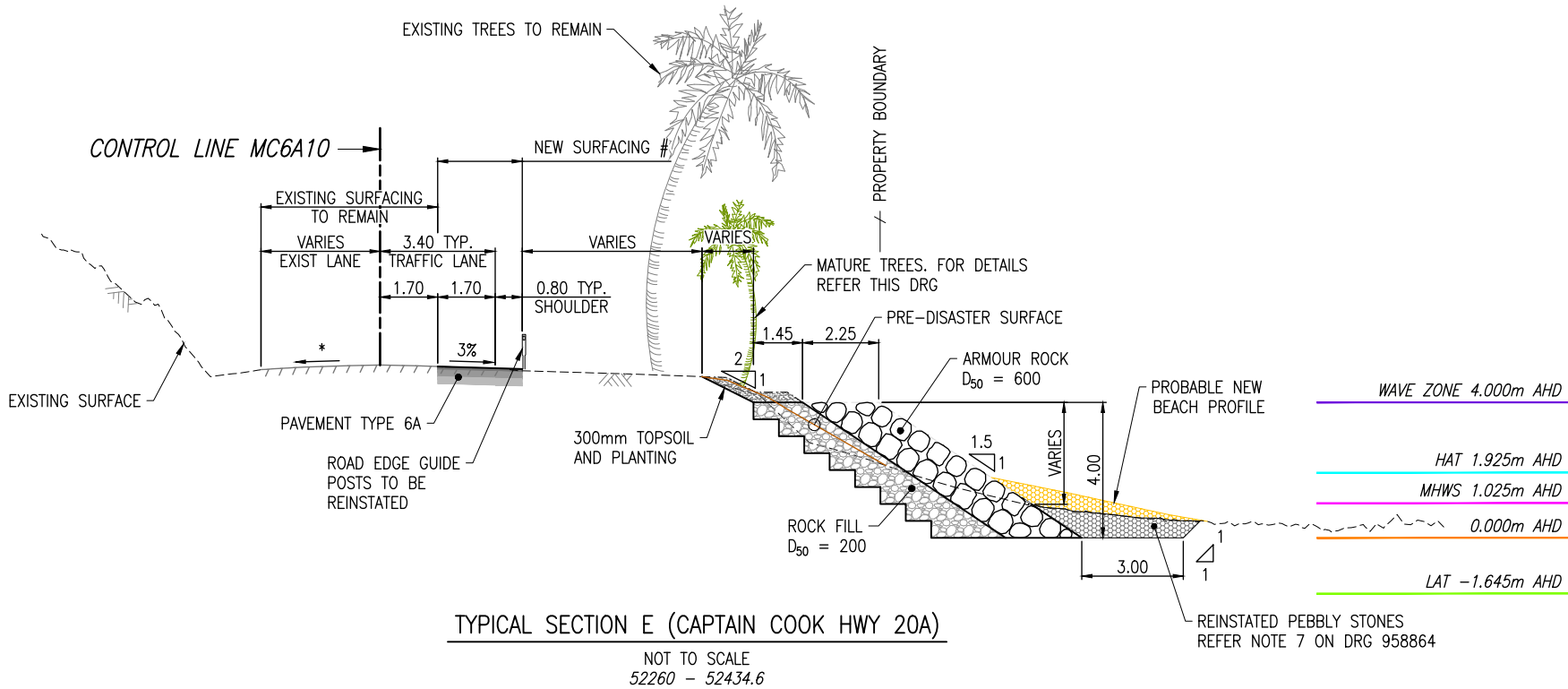
TABLE 2 – DRY FOREST MIX (P1)		
INGREDIENT	SPECIES DESCRIPTION	APPLICATION RATE
ACACIA SIMSII	SIM'S WATTLE	0.5 kg/ha
ACACIA CELSA	BROWN SALWOOD	1 kg/ha
ACACIA CRASSICARPA	HICKORY WATTLE	1 kg/ha
ACACIA FLAVESCENS	RED WATTLE	0.5 kg/ha
ACACIA MANGIUM	BLACK WATTLE	1 kg/ha
MACARANGA SP.	MACARANGA	0 kg/ha
CROTALARIA SPP.	YELLOW RATTLEPOD	0.5 kg/ha
CYNODON DACTYLON	GREEN COUCH–HULLED	10 kg/ha
CYNODON DACTYLON	GREEN COUCH–UNHULLED	10 kg/ha
ECHINOCHLOA ESCULENTA	JAPANESE MILLET	10 kg/ha
IMPERATA CYLINDRICA	BLADEY GRASS	5 kg/ha
BOTHRIOCHLOA BLADHII SUBSP. BLADHII	FOREST BLUEGRASS	5 kg/ha
BOTHRIOCHLOA INSCULPTA	SWEETPITTED GRASS	5 kg/ha
FERTILISER	CROP KING 77S	300kg/ha
LIME		2000kg/ha
BFM WITH TACKIFIER, WETTING AGENTS		6500kg/ha


MATURE TREE / PLANTING COLLAR NOTES

1. FOR PLANTING COLLAR LOCATIONS AND INSTALLATION LEVELS REFER TABLE 3 BELOW.
2. FOR PLANTING COLLAR SETOUT POINT LOCATION REFER DRG 958867
3. PLANTING COLLAR TO BE 1050mm DIAMETER RCP, 2.44m LENGTH
4. FOUND PLANTING COLLAR ON SUBGRADE MATERIAL
5. INFILL COLLAR WITH TOPSOIL / PLANTING MEDIA

TABLE 3 – MATURE TREE PLANTING SETOUT TABLE		
CHAINAGE	RL (TOP)	DETAILS
52004	–	NO COLLAR – PLANT IN 1 ON 2 BATTER 800mm OFFSET FROM EDGE OF ROCK FILL
52018	–	NO COLLAR – PLANT IN 1 ON 2 BATTER 800mm OFFSET FROM EDGE OF ROCK FILL
52033	–	NO COLLAR – PLANT IN 1 ON 2 BATTER 800mm OFFSET FROM EDGE OF ROCK FILL
52070	–	NO COLLAR – PLANT IN 1 ON 2 BATTER 800mm OFFSET FROM EDGE OF ROCK FILL
52105	4.5	COLLAR – CENTRALLY PLACED WITHIN ROCK FILL
52126	4.5	COLLAR – CENTRALLY PLACED WITHIN ROCK FILL
52143	4.5	COLLAR – CENTRALLY PLACED WITHIN ROCK FILL
52157	4.5	COLLAR – CENTRALLY PLACED WITHIN ROCK FILL
52177	4.5	COLLAR – CENTRALLY PLACED WITHIN ROCK FILL
52202	4.5	COLLAR – CENTRALLY PLACED WITHIN ROCK FILL
52229	4.5	COLLAR – CENTRALLY PLACED WITHIN ROCK FILL
52355	–	NO COLLAR – PLANT IN 1 ON 2 BATTER 800mm OFFSET FROM EDGE OF ROCK FILL
52393	–	NO COLLAR – PLANT IN 1 ON 2 BATTER 800mm OFFSET FROM EDGE OF ROCK FILL

TABLE 1 – PLANT SCHEDULE						
	BOTANICAL NAME	COMMON NAME	POT SIZE	MATURE SIZE – H x W (m)	"DENSITY"	QTY
MATURE TREES (REFER TABLE 3 FOR SETOUT)						
	COCOS NUCIFERA	COCONUT PALM	EX GROUND	30 x 8	AS SHOWN	13
TOTAL						13
P1 – HYDROMULCH MIX – (REFER TABLE 2 FOR APPLICATION RATES) – TOTAL AREA 858m2						
P2 – FRANGIBLE REVEGETATION MIX		1065.0	m2			
UNDERSTOREY						
	CANAVALLIA MARITIMA	BAY BEAN	75mm TUBE	1 x 1	3/m2	639
	CRINUM PENDUNCULATUM	RIVER LILY	75mm TUBE	1 x 1		639
	IMPERATA CYLINDRICA	BLADY GRASS	75mm TUBE	1 x 1		639
	IPOMEA PRES–CARPRAE	GOATS FOOT MORNING GLORY	75mm TUBE	1 x 1		639
	THEMEDA TRIANDRA	KANGAROO GRASS	75mm TUBE	2 x 2		639
SHRUBS						
	ACACIA SIMSII	SIMS WATTLE	75mm TUBE	2 x 1	1/4m2	67
	EUGENIA REINARDTIANA	CEDAR BAY CHERRY	75mm TUBE	2 x 1		67
	CLERODENDRUM INERM	GLORY BOWER	75mm TUBE	2 x 2		67
	SCAEVOLA TACCADA	SEA LETTUCE TREE	75mm TUBE	2 x 3		67
TOTAL						3461
P3 – NON–FRANGIBLE REVEGETATION MIX		1115.0	m2			
UNDERSTOREY						
	CANAVALLIA MARITIMA	BAY BEAN	75mm TUBE	1 x 1	3/m2	669
	CRINUM PENDUNCULATUM	RIVER LILY	75mm TUBE	1 x 1		669
	IMPERATA CYLINDRICA	BLADY GRASS	75mm TUBE	1 x 1		669
	IPOMEA PRES–CARPRAE	GOATS FOOT MORNING GLORY	75mm TUBE	1 x 1		669
	THEMEDA TRIANDRA	KANGAROO GRASS	75mm TUBE	2 x 2		669
SHRUBS						
	ACACIA SIMSII	SIMS WATTLE	75mm TUBE	2 x 1	1/4m2	40
	ACACIA FLAVESCENS	RED WATTLE	75mm TUBE	6 x 3		40
	HIBISCUS TILEACEUS	COTTONWOOD	75mm TUBE	6 x 6		40
	THESPIESIA POPULNEA	PACIFIC ROSEWOOD	75mm TUBE	8 x 4		40
	CLERODENDRUM INERM	GLORY BOWER	75mm TUBE	2 x 2		40
	PLANCHONIA CAREYA	COCKY APPLE	75mm TUBE	3 x 2		40
	SCAEVOLA TACCADA	SEA LETTUCE TREE	75mm TUBE	2 x 3		40
TREES						
	CALOPHYLLUM INOPHYLLUM	BEACH CALOPHYLLUM	75mm TUBE	8 x 6	1/20m2	9
	CASUARINA EQUISETIFOLIA	BEACH CASUARINA	75mm TUBE	10 x 4		9
	ERYTHRINA VESPERTILIO	BAT'S WING CORAL TREE	75mm TUBE	6 x 4		9
	MACARANGA TANARIUS	BLUSH MACARANGA	75mm TUBE	8 x 5		9
	MELALEUCA VIRIDIFLORA	PAPERBARK	75mm TUBE	10 x 5		9
	PANDANUS TECTORIUS	BEACH PANDANUS	75mm TUBE	10 x 6		9
TOTAL						3679



				Associated Job Nos	Survey Data		Scales	DOUGLAS SHIRE COUNCIL (275)					TYPICAL SECTIONS SITE 6 (52.3 KM) SHEET 3 OF 3		 Queensland Government	
					Horiz. Datum	GDA 2020		CAPTAIN COOK HIGHWAY (20A)								
				Auxiliary Drg Nos	Horiz. Grid	MGA ZONE 55		CTL CHGE 51823 – 52435								
					Height Datum	AHD DERIVED		Reference Points								
3	100% DESIGN REVIEW				06/12/24		NTS	Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ENGINEERING CERTIFICATION (RPEQ)		Job No.	275/20A/3441773
2	80% DESIGN REVIEW				13/09/24			Dimensions shown in metres except where shown otherwise							Contract No.	CN-23699
1	30% DESIGN REVIEW												Drawing No.	958866 3		
Revisions/Descriptions				Signatory: – RPEQ Full Name, Eng. Area and RPEQ No. or – Full Name and Position Title		Date		Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)					ISSUED FOR REVIEW		Series Number	TC-03 of 03
CAD FILES AECOM_DS13_AU\Documents\60730804-TMR 2023 DRFA\900-CAD GIS\910_CAD\20_SHEETS\60730804-063103-TC																

GEOTECHNICAL NOTES

1.

A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER SHALL INSPECT THE WORKS IN ACCORDANCE WITH THE RELEVANT TMR QUALITY ASSURANCE SPECIFICATIONS HOLD AND WITNESS POINTS, AS WELL AS THE PROJECT QUALITY MANAGEMENT PLAN TO VERIFY ALL COMPONENTS ARE INSTALLED AS PER DESIGN.
2.

ROCK FILL SHALL BE EITHER SOURCED FROM A QUARRY (OR QUARRIES) REGISTERED UNDER TRANSPORT AND MAIN ROAD'S QUARRY REGISTRATION SYSTEM (QRS) OR ANY OTHER SUITABLE SOURCE AND SHALL COMPLY WITH THE PROPERTIES STATED IN TABLE 14.2.3 OF MRTS04, EXCEPT FOR PARTICLE SIZE DISTRIBUTION.
3.

ROCK FILL AND ARMOUR ROCK IN GENERAL SHALL COMPLY WITH GRADING PROVIDED IN TABLE 1. PROTECTION SHALL BE WELL GRADED.
4.

ROCK FILL TO BE COMPACTED USING THE MECHANICAL INTERLOCK METHOD OF CONSTRUCTION AS PER CLAUSE 15.4 OF MRTS04. THE MAXIMUM THICKNESS OF UNCOMPACTED LAYERS FOR MECHANICAL INTERLOCK SHALL BE IN ACCORDANCE WITH TABLE 15.4 OF MRTS04.
5.

END DUMPING OF ARMOUR ROCK IS UNACCEPTABLE. METHOD OF PLACEMENT SHALL PRODUCE AN EVENLY DISTRIBUTED ARMOUR ROCK WITH A MINIMUM OF VOIDS AND MAXIMUM INTERLOCK BETWEEN ADJACENT ROCKS AS PRACTICALLY FEASIBLE.
6.

STEPPING THE GROUND SURFACE FOR KEY-IN OF FILL SHALL BE AS PER MRTS04 CLAUSE 14.3.3. AS A MINIMUM THE BENCH HEIGHT SHALL NOT BE SMALLER THAN TWO TIMES THE MAXIMUM ROCK FILL SIZE.
7.

EARTH FILL SHALL BE OF CLASS A1 AND COMPLY WITH THE MRTS04 CLAUSE 14.2.2 AND SHALL BE PLACED AND COMPACTED AND TESTED IN ACCORDANCE WITH MRTS04, CLAUSE 15.
8.

FOUNDING LAYER SHALL BE 0.0m AHD OR HIGHER IF EXTREMELY WEATHERED OR BETTER MATERIALS ARE ENCOUNTERED ABOVE 0.0m AHD.
9.

THE FOUNDING LAYER SHALL BE VERIFIED DURING CONSTRUCTION BY THE SITE GEOTECHNICAL ENGINEER, AS PER NOTE 1.
10.

WHEN FOUNDED ABOVE 0.0m AHD, A MINIMUM EMBEDMENT OF 300mm INTO EXTREMELY WEATHERED ROCK SHALL BE MAINTAINED.

ASSUMED CONSTRUCTION SEQUENCING

ROCK BUTTRESS WILL BE INSTALLED THROUGH A BOTTOM UP CONSTRUCTION SEQUENCE. ASSUMED KEY CONSTRUCTION STAGES INCLUDE:

1.

REMOVAL AND STOCKPILING OF PEBBLY STONES WITHIN PROJECT FOOTPRINT.
2.

EXCAVATION TO FOUNDING LEVEL, AS PER NOTES 8 TO 10 WITH SUITABLE KEY-IN PROFILE AS PER NOTE 6.
3.

PLACE ROCK FILL AS PER NOTE 4 TO THE LEVEL WHERE KEY-IN PROFILE HAS BEEN IMPLEMENTED.
4.

EXCAVATION FOR KEY-IN UP TO 4.0m AHD AND UNDERTAKE CULVERT EXTENSION WHERE APPLICABLE.
5.

PLACE ROCK FILL AND EARTH FILL IN ACCORDANCE WITH NOTES 4 AND 7.
6.

INSTALL THE COLLAR AND INFILL SOILS AT LOCATIONS WHERE APPROPRIATE.
7.

INSTALL ARMOUR ROCK TO 4.0m AHD.
8.

INSTALL KEY-IN PROFILE TO VERGE LEVEL.
9.

PLACE EARTH FILL IN ACCORDANCE WITH NOTE 7 AND TOP SOIL AS REQUIRED.
10.

CIVIL WORKS ASSOCIATED WITH PAVEMENT, LANDSCAPING AND ACCESS STAIRS.

FOR MORE DETAILS ON CONSTRUCTION SEQUENCE AND STAGING REFER TO CONSTRUCTABILITY REPORT 60730804-RP-CO-002

TABLE 1 – ROCK FILL GRADING

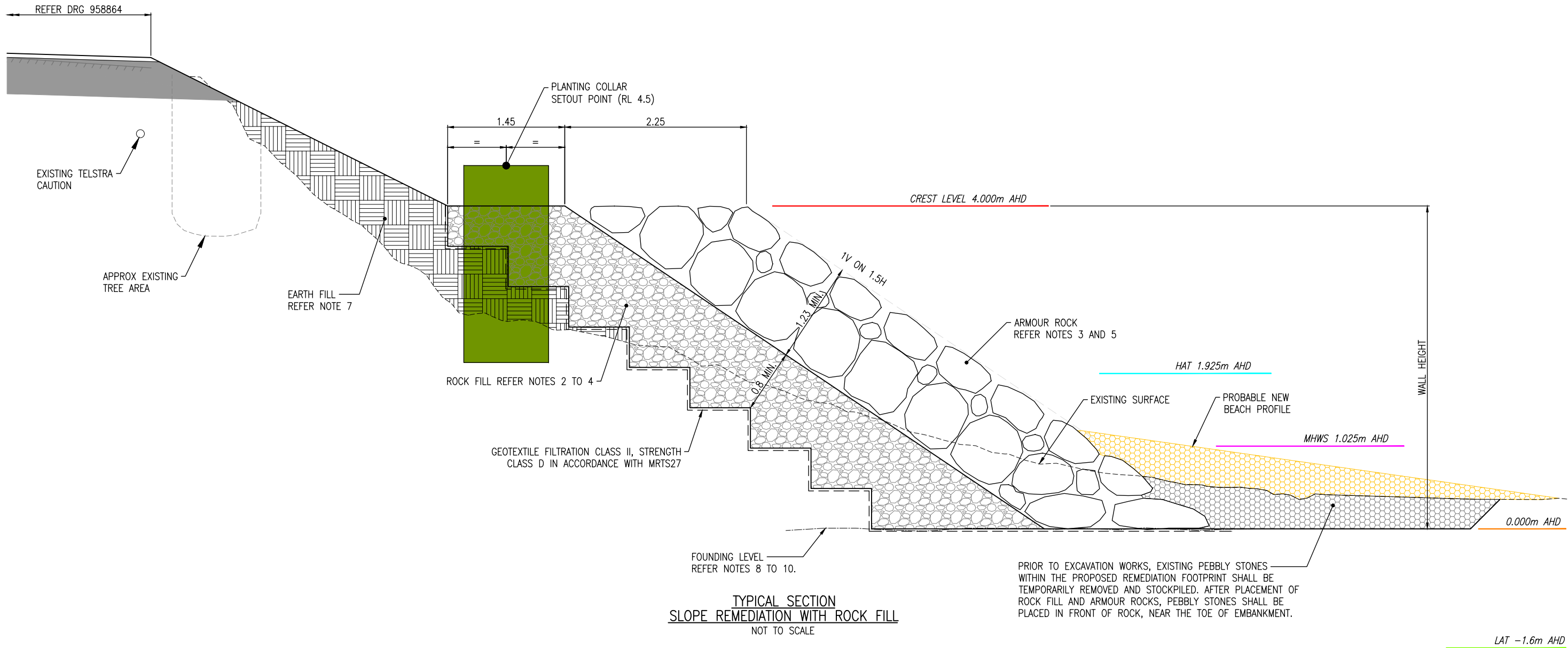
DESCRIPTION	D _{MIN}	D ₅₀	D _{MAX}	M _{MIN}	M ₅₀	M _{MAX}
ROCK FILL SLOPE PROTECTION	–	200	–	–	–	–
ARMOUR ROCK	500	600	700	350kg	600kg	900kg

GENERAL NOTES


1.

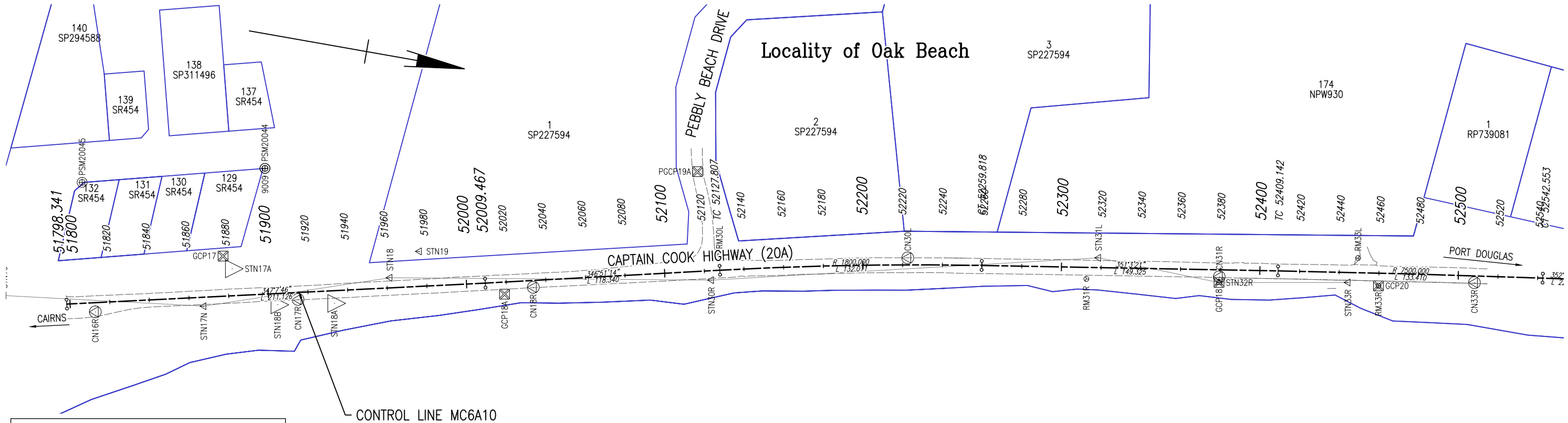
SUBSURFACE STRATIFICATION ADOPTED IN THE DESIGN IS BASED ON INFORMATION ACQUIRED THROUGH, FIELD INVESTIGATION AND LABORATORY TESTING. FOR DETAILS ON DESIGN INTENT AND ASSUMPTIONS REFER TO GEOTECHNICAL DESIGN REPORT 60730804-PR-GT-006.
2.

TO LIMIT GEOTECHNICAL UNCERTAINTY THE CONTRACTOR SHALL RECORD CONDITIONS ENCOUNTERED DURING FOUNDATION AND KEY-IN EXCAVATIONS.



TYPICAL SECTION
SLOPE REMEDIATION WITH ROCK FILL
NOT TO SCALE

					Associated Job Nos	Survey Data		Scales	DOUGLAS SHIRE COUNCIL (275)					GEOTECHNICAL DETAILS SITE 6 (52.3 KM)		 Queensland Government		
							Horiz. Datum		GDA 2020	CAPTAIN COOK HIGHWAY (20A)								
3	100% DESIGN REVIEW			06/12/24	Auxiliary Drg Nos	Horiz. Grid	MGA ZONE 55		CTL CHGE 51823 – 52435									
2	80% DESIGN REVIEW			13/09/24		Height Datum	AHD DERIVED		Reference Points									
1	30% DESIGN REVIEW					Survey Books	AU213016495	Dimensions shown in metres except where shown otherwise		Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ENGINEERING CERTIFICATION (RPEQ)	Job No.	275/20A/3441773	
Revisions/Descriptions				Signatory: – RPEQ Full Name, Eng. Area and RPEQ No. or – Full Name and Position Title		Date				20A/18	2.038	0.612	4.545	20A/19	<div>ISSUED FOR REVIEW</div>	Contract No.	CN-23699	
										Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)						6 December 2024	Drawing No.	958867 3
CAD FILES		AECOM_DS13_AU\Documents\60730804-TMR 2023 DRFA\900-CAD GIS\910_CAD\20_SHEETS\60730804-063201-GE															Series Number	GE-01 of 01



INSTRUMENT STATION SURVEY MARKS				
PointNumber	XCoord	YCoord	ZCoord	VertexText
STN17A	341337.372	8165900.954	12.5	STN17A PIN
STN19	341312.354	8165992.437	12.174	STN19 STAR PKT
STN18B	341351.262	8165926.722	6.659	PIN
STN18A	341345.581	8165954.769	4.701	PIN
STN16	341370.609	8165790.208	10.494	STAR PKT
STN17N	341358.396	8165890.292	8.465	STAR PKT
STN18	341328.023	8165980.144	4.877	STAR PKT
STN30R	341301.062	8166139.893	5.541	STAR PKT
STN31L	341256.12	8166330.029	4.018	STAR PKT
STN32R	341257.865	8166391.923	4.975	STAR PKT
STN33R	341246.552	8166455.953	4.229	STAR PKT

PERMANENT AND GENERAL SURVEY MARKS				
PointNumber	XCoord	YCoord	ZCoord	VertexText
CN16R	341370.744	8165836.918	10.651	CN16R
CN17R	341346.819	8165936.404	5.742	CN17R
CN18R	341320.236	8166052.115	6.361	NAIL IN BITUMEN
CN30L	341272.852	8166235.332	5.255	NAIL IN BITUMEN
CN31R	341254.997	8166391.55	5.07	NAIL IN BITUMEN
CN33R	341235.595	8166518.684	6.697	NAIL IN BITUMEN
6006	341284.657	8165908.58	13.348	STANDARD
PSM20044	341284.703	8165908.487	13.376	
PSM20045	341307.636	8165819.037	14.277	

PHOTOGRAMMETRIC REFERENCE SURVEY MARKS				
PointNumber	XCoord	YCoord	ZCoord	VertexText
GCP18A	341326.047	8166038.456	6.278	STAR PKT
PGCP19A	341248.368	8166123.45	10.803	SPIKE
GCP17	341331.768	8165895.437	12.707	GCP17
GCP20	341245.49	8166471.331	4.663	
GCP18	341257.865	8166391.923	4.975	

OFFSET PEG SURVEY MARKS				
PointNumber	XCoord	YCoord	ZCoord	VertexText
RM314	341368.585	8165764.597	12.147	RM314 STAR PICKET
RM30L	341288.341	8166141.687	5.684	SPIKE
RM31R	341267.671	8166325.783	4.146	STAR PKT
RM33R	341245.49	8166471.331	4.663	STAR PKT PGCP
RM33L	341233.542	8166458.783	4.58	SREW IN CONC

TRINITY BAY

LEGEND

-
- GROUND CONTROL POINT – PHOTOGRAMMETRIC
-
- OFFSET / RECOVERY MARK
-
- INSTRUMENT STATION – PRIMARY MARK
-
- INSTRUMENT STATION – OTHER MARK
-
- GENERAL SURVEY MARK
-
- PERMANENT SURVEY MARK

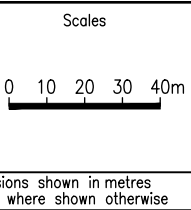
		Associated Job Nos		Survey Data		Scales		DOUGLAS SHIRE COUNCIL (275)		CONTROL LINE AND SURVEY SETOUT		Queensland Government	
				Horiz. Datum		GDA 2020		CAPTAIN COOK HIGHWAY (20A)		PLAN AND TABLES		Job No. 275/20A/3441773	
		Auxiliary Drg Nos		Horiz. Grid		MGA ZONE 55		CTL CHGE 51823 – 52435		SITE 6 (52.3 KM)		Contract No. CN-23699	
3 100% DESIGN REVIEW				Height Datum		AHD DERIVED		Reference Points		ENGINEERING CERTIFICATION (RPEQ)		Drawing No. 958868 3	
2 80% DESIGN REVIEW				Survey Books		AU213016495		Preceding RP		Dist. to start of job (km)		From start to end of job	
1 30% DESIGN REVIEW								From end to Following RP		Following RP		20A/18	
Revisions/Descriptions		Signatory: – RPEQ Full Name, Eng. Area and RPEQ No. or – Full Name and Position Title		Date		Dimensions shown in metres except where shown otherwise		20A/18		2.038		0.612	
								4.545		20A/19		Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)	
												ISSUED FOR REVIEW	
												6 December 2024	
												Series Number CL-01 of 01	



LEGEND

- DESIGN SURFACE CONTOUR - MAJOR
- DESIGN SURFACE CONTOUR - MINOR
- DCDB BOUNDARY
- HIGHEST ASTRONOMICAL TIDE (HAT)
- LOWEST ASTRONOMICAL TIDE (LAT)
- MEAN HIGH WATER SPRINGS (MHWS)
- EXISTING UG TELSTRA
- EXISTING OH ERGON
- POSSIBLE TELSTRA CONFLICT
- EXISTING BATTER
- PAVEMENT RECONSTRUCTION
- SLOPE REMEDIATION WITH ROCK FILL FOR DETAILS REFER DRGS 958884 TO 958888

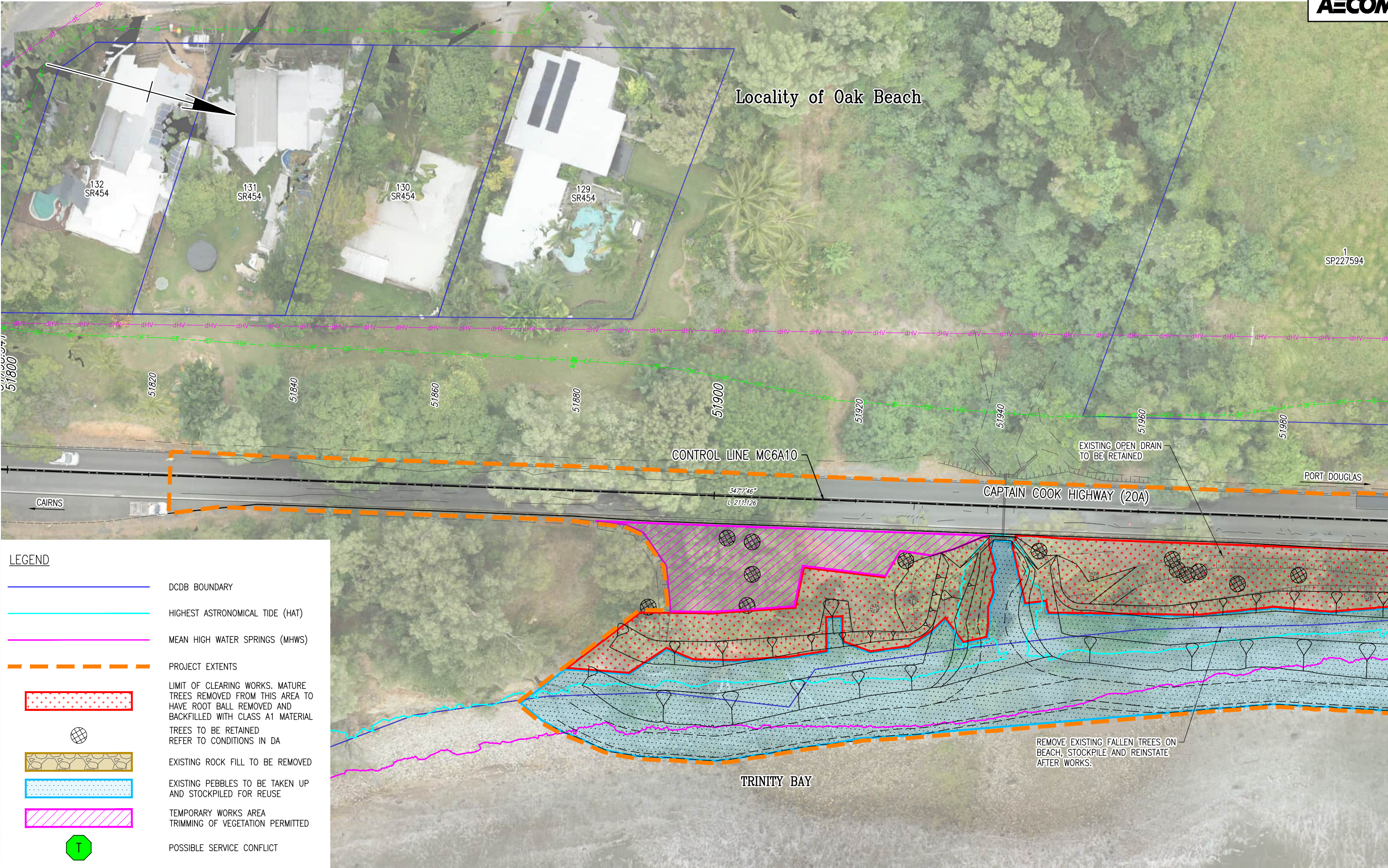
Associated Job Nos	Survey Data
	Horiz. Datum: GDA 2020
Auxiliary Drg Nos	Horiz. Grid: MGA ZONE 55
	Height Datum: AHD DERIVED
	Survey Books: AU213016495



DOUGLAS SHIRE COUNCIL (275)				
CAPTAIN COOK HIGHWAY (20A)				
CTL CHGE 51823 - 52435				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
20A/18	2.038	0.612	4.545	20A/19
Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)				

GENERAL ARRANGEMENT	
SITE 6 (52.3 KM)	
ENGINEERING CERTIFICATION (RPEQ)	
ISSUED FOR REVIEW	
6 December 2024	

Job No.	275/20A/3441773
Contract No.	CN-23699
Drawing No.	958869 3
Series Number	GA-01 of 01



Last Modified: 12 Dec 06, 2024 - 1:00PM

3	100% DESIGN REVIEW		06/12/24
2	80% DESIGN REVIEW		13/09/24
1	30% DESIGN REVIEW		
Revisions/Descriptions		Signatory: - RPEQ Full Name, Eng. Area and RPEQ No. or Full Name and Position Title	Date

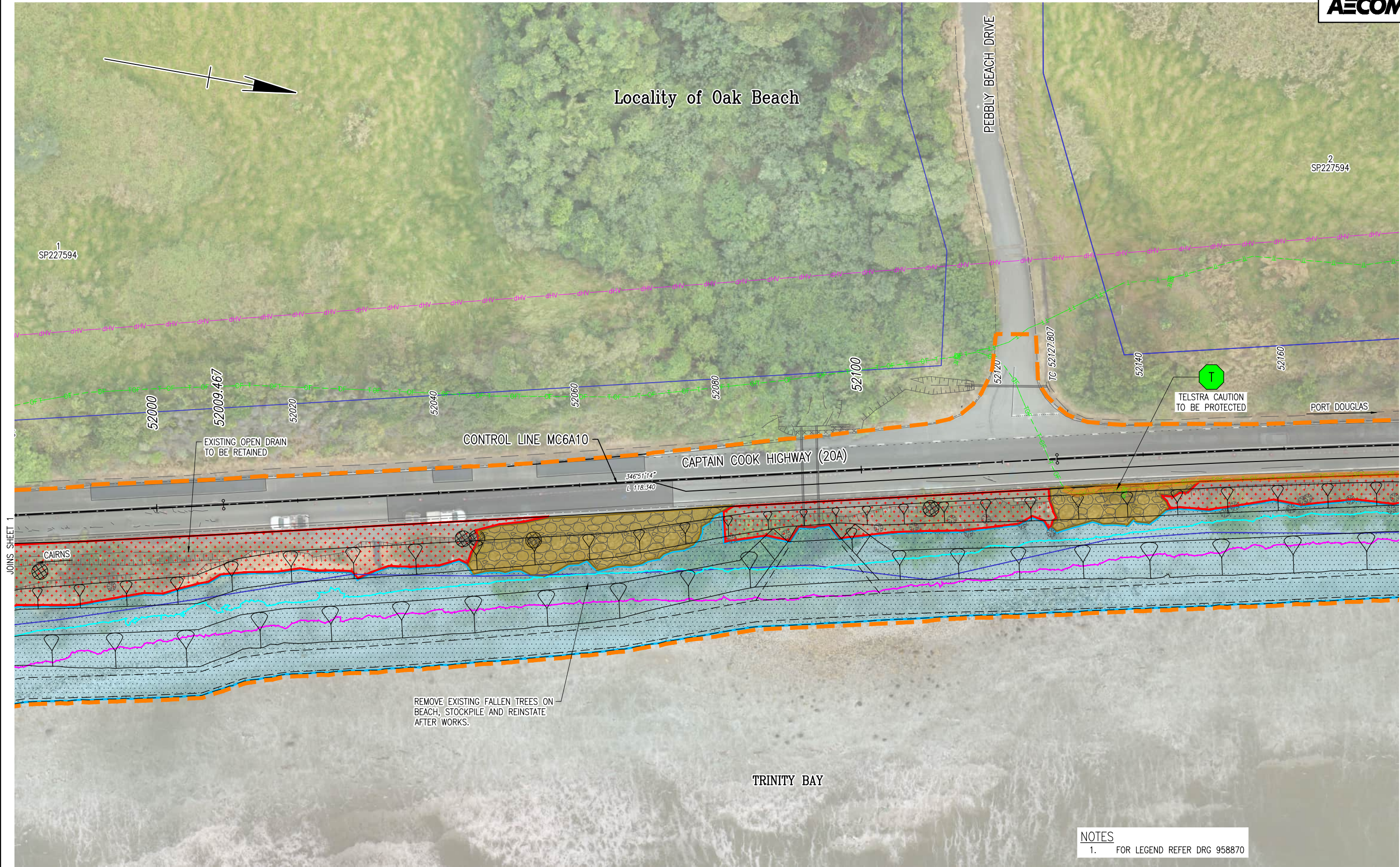
Associated Job Nos	Survey Data
	Horiz. Datum: GDA 2020
Auxiliary Drg Nos	Horiz. Grid: MGA ZONE 55
	Height Datum: AHD DERIVED
	Survey Books: AU213016495

Scales	
0 2 4 6 8 10m	
Dimensions shown in metres except where shown otherwise	


DOUGLAS SHIRE COUNCIL (275)				
CAPTAIN COOK HIGHWAY (20A)				
CTL CHGE 51823 - 52435				
Reference Points				
Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP
20A/18	2.038	0.612	4.545	20A/19
Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)				

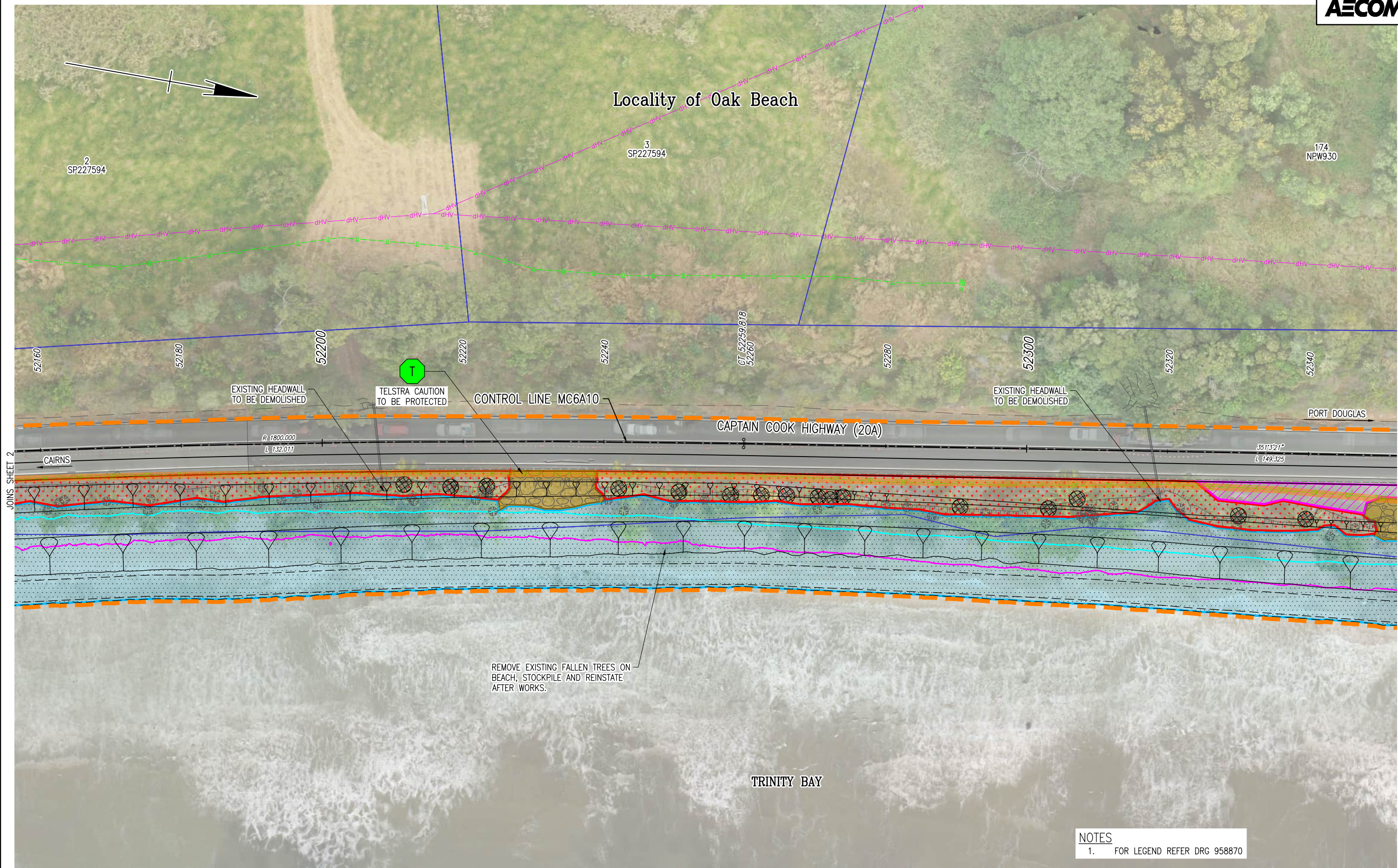
DEMOLITION AND CLEARING PLANS	
SITE 6 (52.3 KM)	
SHEET 1 OF 4	
ENGINEERING CERTIFICATION (RPEQ)	
ISSUED FOR REVIEW	
6 December 2024	

Queensland Government	
Job No.	275/20A/3441773
Contract No.	CN-23699
Drawing No.	958870 3
Series Number	SP-01 of 04




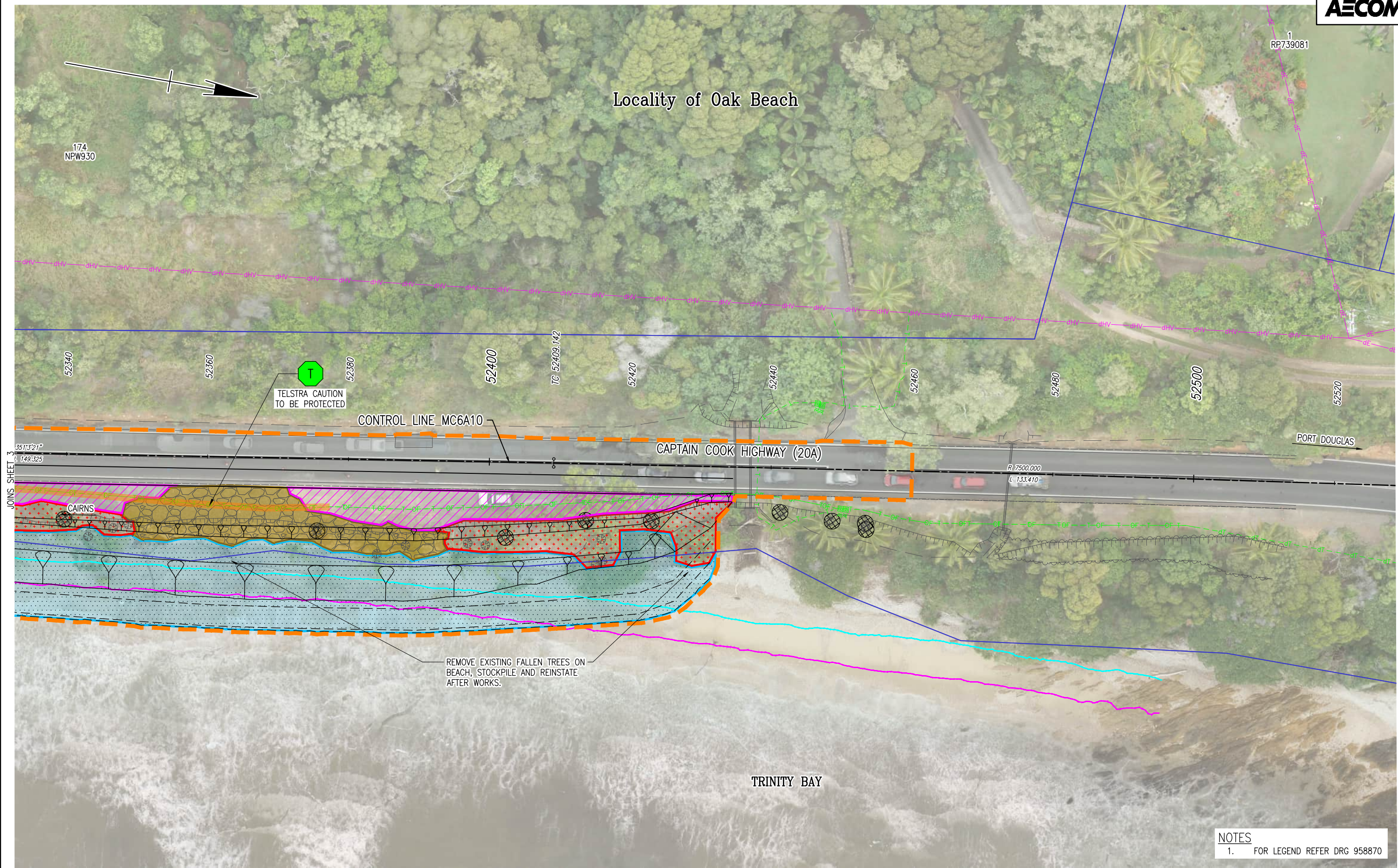
NOTES
1. FOR LEGEND REFER DRG 958870

			Associated Job Nos	Survey Data		<div>0246810m</div> <div>Dimensions shown in metres except where shown otherwise</div>	DOUGLAS SHIRE COUNCIL (275)					DEMOLITION AND CLEARING PLANS			 Queensland Government		
				Auxiliary Drg Nos	Horiz. Datum		GDA 2020	CAPTAIN COOK HIGHWAY (20A)					SITE 6 (52.3 KM)				
					Horiz. Grid		MGA ZONE 55	CTL CHGE 51823 – 52435					SHEET 2 OF 4				
					Height Datum		AHD DERIVED	Reference Points					ENGINEERING CERTIFICATION (RPEQ)				
					Survey Books		AU213016495	Preceding RP					Dist. to start of job (km)	From start to end of job		From end to Following RP	Following RP
					20A/18					2.038	0.612	4.545	20A/19				
					Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)												
															ISSUED FOR REVIEW		
															6 December 2024		
															Job No. 275/20A/3441773		
															Contract No. CN-23699		
															Drawing No. 958871 3		
															Series Number SP-02 of 04		
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NOTES
1. FOR LEGEND REFER DRG 958870

				Associated Job Nos		Survey Data		<div>Scales</div> <div><div>0246810m</div></div> <div>Dimensions shown in metres except where shown otherwise</div>		DOUGLAS SHIRE COUNCIL (275)					DEMOLITION AND CLEARING PLANS					<div> Queensland Government</div> <div>Job No. 275/20A/3441773</div> <div>Contract No. CN-23699</div> <div>Drawing No. 9588723</div> <div>Series Number SP-03 of 04</div>										
						Horiz. Datum				GDA 2020		CAPTAIN COOK HIGHWAY (20A)					SITE 6 (52.3 KM)													
3		100% DESIGN REVIEW				06/12/24				Auxiliary Drg Nos		Horiz. Grid		MGA ZONE 55		CTL CHGE 51823 – 52435						SHEET 3 OF 4								
2		80% DESIGN REVIEW				13/09/24						Height Datum		AHD DERIVED		Reference Points						ENGINEERING CERTIFICATION (RPEQ)								
1		30% DESIGN REVIEW								Survey Books		AU213016495		Preceding RP		Dist. to start of job (km)		From start to end of job				From end to Following RP		Following RP		<div>ISSUED FOR REVIEW</div> <div>6 December 2024</div>				
		Revisions/Descriptions		Signatory: – RPEQ Full Name, Eng. Area and RPEQ No. or – Full Name and Position Title		Date								20A/18		2.038		0.612				4.545		20A/19						
CAD FILES		AECOM_DS13_AU\Documents\60730804-TMR 2023		DRFA\900-CAD GIS\910_CAD\20_SHEETS\60730804-064203-SP																										



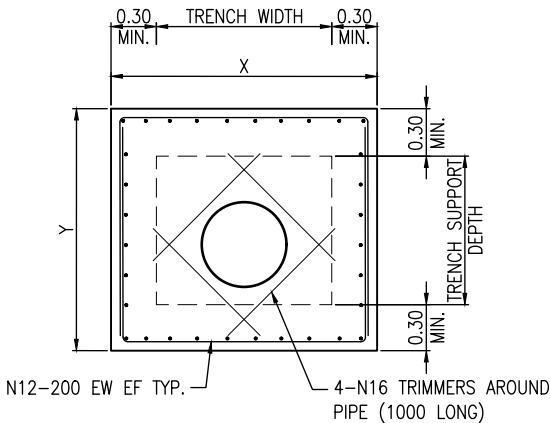
NOTES
1. FOR LEGEND REFER DRG 958870

				Associated Job Nos		Survey Data		<div>Scales</div> <div>0 2 4 6 8 10m</div> <div>Dimensions shown in metres except where shown otherwise</div>		DOUGLAS SHIRE COUNCIL (275)					DEMOLITION AND CLEARING PLANS					<div> Queensland Government</div> <div>Job No. 275/20A/3441773</div> <div>Contract No. CN-23699</div> <div>Drawing No. 958873 3</div> <div>Series Number SP-04 of 04</div>				
						GDA 2020				CAPTAIN COOK HIGHWAY (20A)					SITE 6 (52.3 KM)									
3 100% DESIGN REVIEW		06/12/24		Auxiliary Drg Nos		MGA ZONE 55				CTL CHGE 51823 – 52435					SHEET 4 OF 4									
2 80% DESIGN REVIEW		13/09/24				AHD DERIVED				Reference Points					ENGINEERING CERTIFICATION (RPEQ)									
1 30% DESIGN REVIEW						Survey Books		AU213016495		Preceding RP		Dist. to start of job (km)		From start to end of job		From end to Following RP		Following RP				<div>ISSUED FOR REVIEW</div> <div>6 December 2024</div>		
										20A/18		2.038		0.612		4.545		20A/19						
																				Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)				

DRAINAGE

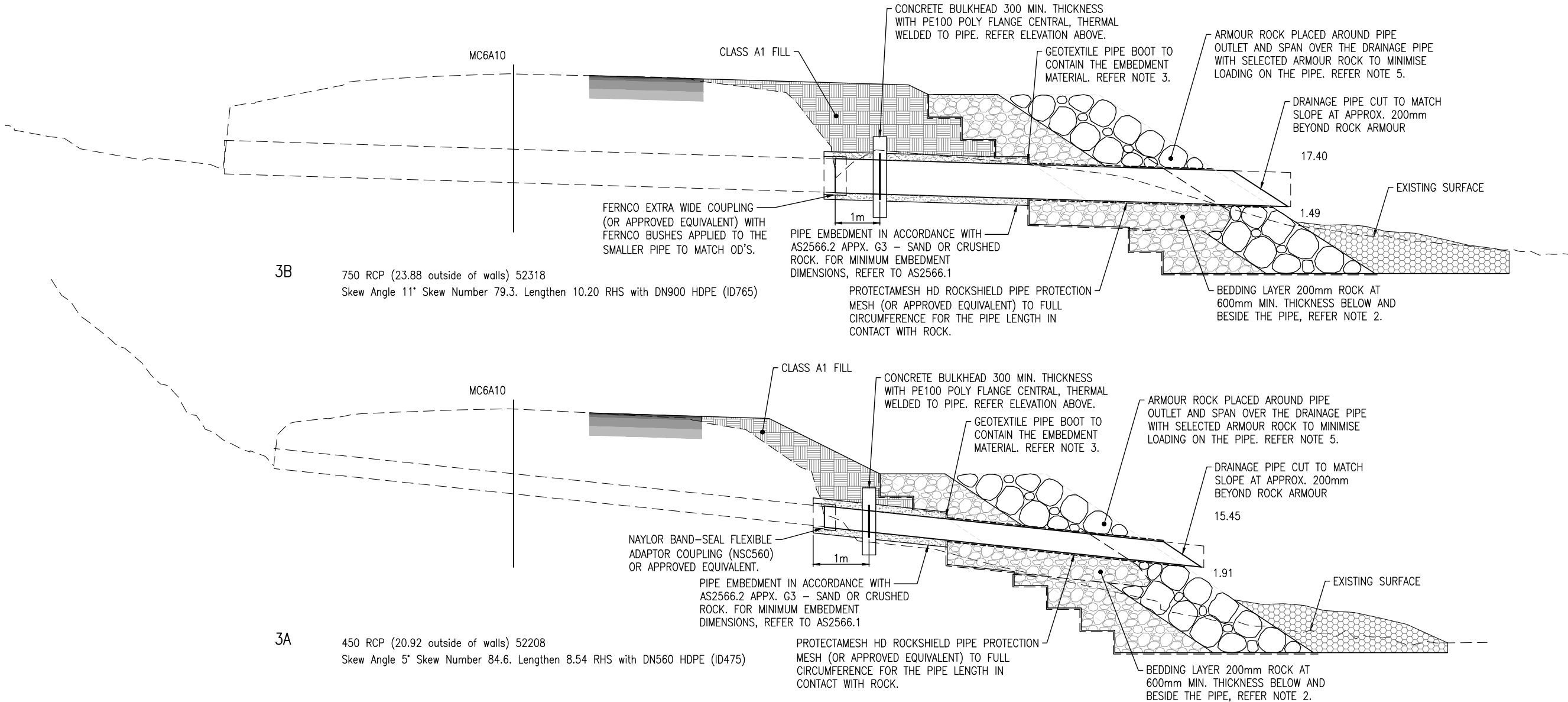
1. ALL PIPES AND CULVERTS SHALL HAVE A 100 YEAR DESIGN LIFE.
2. BEDDING MATERIAL AROUND THE PIPE TO COMPRISE OF 2 LAYERS SECONDARY ROCK WRAPPED IN GEOTEXTILE WITH ARMOUR ROCK PLACED ON TOP.
3. GEOTEXTILE FOR THE SEAWALL TO HAVE A CUT SLOT IN THE FABRIC TO EXTEND OVER PIPE OUTLET. FORM GEOTEXTILE BOOT AROUND PIPE AND CLAMP WITH 316 SS CLAMPS. THERMAL BOND GEOTEXTILE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO ENSURE A FULL SEAL BETWEEN EMBEDMENT AND ROCK.
4. THE EXISTING INTERNAL PIPE SIZE TO BE MEASURED ON SITE PRIOR TO ORDERING THE NEW HDPE PIPE. THE HDPE PIPE INTERNAL DIAMETER ≥ THE EXISTING PIPE DIAMETER.
5. THE ROCK PLACEMENT MUST NOT RESULT IN A POINT LOAD.


CONCRETE BULKHEAD DIMENSIONS			
LOCATION	PIPE OUTSIDE DIAMETER (OD)	X	Y
3A	560	1.76	1.50
3B	900	2.10	1.80



ELEVATION
CONCRETE BULKHEAD
N.T.S.

Culvert							
Alignment	Chainage (m)	Skew No.	ID	Structure	Pipe Class	Installation Type	Comments
MC6A10	52207.86	84.6	3A	Exist. 450 RCP (New 8.54m)	HDPE – PE100, SDR 13.6	To be Extended	EXTEND RHS
MC6A10	52317.80	79.3	3B	Exist. 750 RCP (New 10.2m)	HDPE – PE100, SDR 13.6	To be Extended	EXTEND RHS



					Associated Job Nos	Survey Data		Scales	DOUGLAS SHIRE COUNCIL (275)					DRAINAGE DETAILS SITE 6 (52.3 KM)		 Queensland Government		
						Horiz. Datum	GDA 2020		CAPTAIN COOK HIGHWAY (20A)									
3	100% DESIGN REVIEW				06/12/24	Auxiliary Drg Nos	Horiz. Grid		MGA ZONE 55	CTL CHGE 51823 – 52435								
2	80% DESIGN REVIEW				13/09/24		Height Datum		AHD DERIVED	Reference Points								
1	30% DESIGN REVIEW						Survey Books	AU213016495	Dimensions shown in metres except where shown otherwise	Preceding RP		Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ENGINEERING CERTIFICATION (RPEQ)	Job No.	275/20A/3441773
Revisions/Descriptions					Signatory: – RPEQ Full Name, Eng. Area and RPEQ No. or – Full Name and Position Title			Date		20A/17	2.038	0.612	4.545	20A/18	ISSUED FOR REVIEW		Contract No.	CN-23699
									Through Chainage from 20A/809 MULGRAVE RD (SHERIDAN/FLORENCE)					6 December 2024			Drawing No.	958874 3
CAD FILES AECOM_DS13_AU\Documents\60730804-TMR 2023 DRFA\900-CAD GIS\910_CAD\20_SHEETS\60730804-064301-DD-DS																	Series Number	DD-DS-01 of 01