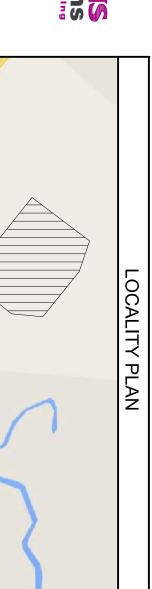
BULK EARTHWORKS - STAGE 0 No.307-01 - PRAWN FARM

		SCHEDULE OF DRAWINGS
NUMBER	REV NO	REV NO TITLE
GENERAL		
307-01-000	Α	COVER SHEET
307-01-001	Þ	GENERAL NOTES & LEGEND
307-01-003	Α	KEY PLAN
307-01-005	А	EXISTING SURFACE PLAN-SHEET 01
307-01-006	۸	EXISTING SURFACE PLAN-SHEET 02
307-01-007	>	EXISTING SURFACE PLAN-SHEET 03
SEDIMENT & EROSION	ION	
307-01-010	>	CONTROL PLAN-SHEET 01
307-01-011	Α	CONTROL PLAN-SHEET 02
307-01-012	Α	CONTROL PLAN-SHEET 03
307-01-013	>	CONTROL PLAN-SHEET 04
307-01-014	Α	CONTROL PLAN-SHEET 05
307-01-015	۸	CONTROL PLAN-SHEET 06
307-01-016	Þ	CONTROL PLAN-SHEET 07
307-01-017	۸	CONTROL PLAN-SHEET 08
BULK EARTHWORKS	S	
307-01-030	Α	CUT FILL PLAN-SHEET 01
307-01-031	Α	CUT FILL PLAN-SHEET 02
307-01-032	Α	CUT FILL PLAN-SHEET 03
307-01-033	Α	CUT FILL PLAN-SHEET 04
307-01-034	۸	CUT FILL PLAN-SHEET 05
307-01-035	Α	CUT FILL PLAN-SHEET 06
307-01-036	Α	CUT FILL PLAN-SHEET 07
307-01-037	>	CUT FILL PLAN-SHEET 08
307-01-050	Α	EARTHWORKS SECTIONS KEY PLAN
307-01-051	Α	BULK EARTHWORK SECTIONS SHEET 01
307-01-052	Α	BULK EARTHWORK SECTIONS SHEET 02
307-01-053	Α	BULK EARTHWORK SECTIONS SHEET 03
TYPICAL SECTIONS AND DETAILS	S AND DET	ETAILS
307-01-090	Þ	SHEET 01
307 01 091		21551 03



GOLD COAST MARINE AQUACULTURE





GENERAL

1. CONTRACT SPECIFICATIONS
ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATION.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATION.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATION.

SETOUT

SURVEY SETOUT INFORMATION HAS BEEN ESTABLISHED ON SITE BY THE PRINCIPAL'S SURVEYOR

ENABLE THE CONTRACTOR TO ACCURATELY SETOUT THE WORKS TO THE CO-ORDINATES SHOWN.

SETOUT INFORMATION SHALL NOT BE OBTAINED BY SCALING FROM THESE DRAWINGS.

DATUM

LOCATION AND TO ALLO 0.0

LEVELS SHOWN ARE TO A.H.D.

EXISTING SERVICES - External Works

EXISTING SERVICES - EXTERNAL WORK

THE LOCATIONS OF ALL EXISTING SERVICES WITHIN THE WORK AREA SHALL BE CONFIRMED BY THE
CONTRACTOR PRIOR TO CONSTRUCTION COMMENCING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO
CONTACT THE RELEVANT AUTHORITIES AND TO ENSURE THAT THE EXISTING SERVICES ARE NOT
DAMAGED OR DISTURBED IN ANY WAY.

ALL MATERALS ARISING FROM PAOADS AND SERVICES ARE TO BE COMPACTED TO FUTURE STAGES.

LEVEL 1 OR IF DIRECTED BY THE SUPERINTENDENT SHALL BE TRUCKED TO A LICENSED TIP.

LEVEL 1 OR IF DIRECTED BY THE SUPERINTENDENT SHALL BE TRUCKED TO A LICENSED TIP. 10 IH

CONSTRUCTION SEQUENCE/SILT MANAGEMENT PROGRAM 1. PRE START

CONSTRUCT VEHICLE WASHOOWN ARRA AND EXIT POINT AS INDICATED.
CONSTRUCT VEHICLE WASHOOWN ARRA AND ASSOCIATED SILT MANAGEMENT DEVICES.
CONSTRUCT SITE OFFICE AND STORAGE COMPOUND AREA.
ERECT SILT FENCE AT LOW POINTS OF THE SITE AS DEMONSTRATED.
ERECT TEMPORARY TREE PROTECTION FENCING FOR VEGETATION TO BE RETAINED IN ACCORDANCE WITH AN OPW (TREE CLEARING) APPROVAL AND IN ACCORDANCE WITH AS4970 PROTECTION OF TREES ON DEVELOPMENT SITES.
CONSTRUCT ROCK CHECK DAMS AND SILT FENCES DOWNSTREAM OF BASIN. CONSTRUCT BASIN TO FULL DEPTH. ACCORDANCE WITH OF TREES ON

CONSTRUCT BALANCE OF BASIN IN CONJUNCTION WITH CLEARING AND BULK EARTHWORKS OPERATIONS.
BASIN TO BE UTILISED AS TEMPORARY SEDIMENT BASIN, DO NOT FILL IN FILTRATION MATERIAL UNTIL
CONSTRUCTION OF DEVELOPMENT IS COMPLETE & DIRECTED BY SUPERINTENDENT.

2. CLEARING AND BULK EARTHWORKS
THERE SHALL BE NO CLEARING OF PROTECTED SIZE VEGETATION WITHOUT AN APPROVED TREE
CLEARING PLAN WHICH SHALL BE IN ACCORDANCE WITH AS 4970.

SILT FENCE, SAND BAGS AND EARTH RILLS TO BE ERECTED AS INDICATED OR REQUIRED DURING

CLEARING.
SUPERINTENDENT TO CONFIRM EXTENT OF CLEARING TO CONTRACTOR PRIOR TO COMMENCEMENT OF

SULT FENCES AND EARTH RILLS WITHIN ROADS TO BE ERECTED AS INDICATED OR REQUIRED DURING EARTHWORKS.

SICH TENGES AND EARTH RILLS WITHIN ROADS TO BE ERECTED AS INDICATED OR REQUIRED DURING EARTHWORKS.

3. CONSTRUCTION OF SEKER-PRODEWATER-STORMALTER SERVICES

EXCAVATED MATERIAL TO BE PLACED ON HIGH SIDE OF TRENCH AND TO PROTECT PIPE WORK AND DIRECT SUFFACE MATERIAL AWAY FROM EXCAVATIONS.

CONSTRUCTION - SEDDMENT BASIN TO BE CONSTRUCTED TO THE EARTHWOOK PROPILES SHOWN.

SEDMENT BASIN TO BE CONSTRUCTED TO THE EARTHWOOK PROPILES SHOWN.

SEDMENT BASIN TO BE CONSTRUCTED TO THE EARTHWOOK PROPILES SHOWN.

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SEDMENT BASIN TO BE CONSTRUCTED TO THE EARTHWOOK PROPILES SHOWN.

SEDMENT BASIN TO BE CONSTRUCTED TO THE EARTHWOOK PROPILES SHOWN.

SEDMENT BASIN TO BE CONSTRUCTION OF ALL STAGES).

PLACE SPOIL FROM SEDMENT BASIN INTO ALLOCATED AREA AS ENGINEERED FILL IN ACCORDANCE WITH THE STAGING ORDER.

CONSTRUCTION - STOCKPLING.

TEMPORARY SLIT FRUE TO BE CLEAR OF ADJACENT THE DATE ON LOW SIDE OF STOCKPLING.
STOCKPLING.

SEDMENT BASIN TO BE CLEAR OF ADJACENT THE DRIP ZONE OR STRUCTURAL ROOT ZONE OF ANY RETAINED VEGETATION.

CONSTRUCTION - SALOTMENT S.

SUIT FRUETS TO ALLOTMENTS.

SUIT FRUETS TO ALLOTMENTS.

SUIT FRUETS TO ALLOTMENTS.

TOPSOIL AND SEED ALLOTMENTS.

SUIT FRUETS TO SEED ALLOTMENTS.

TOPSOIL AND SEED ALLOTMENTS.

SUFFICIENT (80% WITHIN 30 CALENDAR DAYS OF FINAL ALLOTMENT INDICATED THE GRASS STRIKE IS SUFFICIENT (80% WITHIN 30 CALENDAR DAYS OF FINAL ALLOTMENT TRIMMING).

POST CONSTRUCTION - ALLOTMENTS.

SUIT FRUETS ARE TO POST (ORSTRUCTION)

THE STRUCTURE SHOULD FROM SEED ALLOTMENTS.

SUIT FRUETS ARE TO POST (ORSTRUCTION)

ANY PROFILE SHOW THE SERVE SHO

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BASIN CONSTRUCTION

1. PRIOR TO COMMENCING CONSTRUCTION OF THE DETENTION BASIN THE DIVERSION OF SURFACE WATER FROM THE PROPOSED WORKS AREA, USING MEASURES SUCH AS OPEN DRAINS/SUMPS, ARE REQUIRED TO AID IN SITE DEWATERIG.

2. BASIN TO CONTINUE ACTING AS SEDIMENT BASIN UNTIL 85% OF CATCHMENT CONSTRUCTION IS COMPLETE.

3. THE CLAY FILLING FOR THE BASIN WALLS SHALL BE PLACED IN HORIZONTAL LAYERS OF ZOOMM THICKNESS AND COMPACTED TO A DENSITY RATIO WITHIN THE RANGE 98% - 102% STANDARD COMPACTION (AS 1289.5.1.1), PLACEMENT MOISTURE CONTENTS FOULD BE WITHIN THE RANGE OMC - 0PTIMUM MOISTURE CONTENTS TANDARD COMPACTION).

4. CONTRACTOR TO PROVIDE SAFETY FENCING TO BASINS DURING CONSTRUCTION & APPROPRIATE SIGNAGE (PERMANENT OR TEMPORARY).

AND EROSION
TIVE OF THE EROSION AND SEDIMENT CONTROL PROGRAM ARE TO:
STORMWATER TO PASS THROUGH THE SITE IN A CONTROLLED MANNER AT

A ALLOW STORMANTER TO PASS THROUGH THE SITE IN A CONTROLLED MANNER AT NON-EROSIVE FLOW VELOCITIES.

AN ALLOW YELDOWN ALLOW AND SEDIMENT CONTROLLED WITH DISCHARGE FLOW VELOCITIES.

I) MINIMES SOL EROSON FROM MATER AND WIND.

I) MINIMES SOL EROSON FROM MATER AND WIND.

I) MINIMES SOL EROSON RETEX SOLVED STATEMENT RANGE:

I) MINIMES ADVERSE EFFELTS OF SEDIMENT RANGE:

I) MINIMES ADVERSE EFFELTS OF SEDIMENT RANGE:

I) MINIMES ADVERSE EFFELTS OF SEDIMENT RANGE:

I) MINIMES ADVERSE THAT THE VALUE AND USE OF RESIDENTIAL PROPRENTIES ADJACENT TO THE BEVELOPHANT.

PRACTICE FOR EPOSION AND SEDIMENT CONTROL. THE SOLVENON AND SEDIMENT CONTROL. THE FROM THE CONSTRUCTION SITE. THE CONSTRUCTION SITE. THE CONSTRUCTION SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO CONTROL HE DAMINGS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO CONTROL HE DAMINGS THE CONTRACTOR SHALL TAKE ALL NECESSARY FOR CONSTRUCTION INCLUDING THE MANNER PRACTICES AS NECESSARY TO MINIMISE THE CONSTRUCTION SITES. THE CONTRACTOR SHALL TAKE ALL NECESSARY TO MINIMISE THE CONSTRUCTION SHALL TAKE ALL NECESSARY TO MINIMISE THE CONTRACTOR HE SITE DAMING ALL SEDIMENT CONTROL PRASURES AND DEVICES USING BEST PRACTICES AS NECESSARY TO MINIMISE THE CONTRACTOR HE SITE OWNER AND DEVICES USING BEST PRACTICES AS NECESSARY TO MINIMISE THE CONTRACTOR PRASE AS DUTLINED IN THE CONTRACTOR SHALL BE STREAMED AND COMPLETION OF EARTHWORKS.

I'VE CONTRACTION AND DUPO COMPLETION OF EARTHWORKS.

I'VE CONTRACTION AND DUPO COMPLETION OF EARTHWORKS.

I'VE CONTRACTION AND DUPO COMPLETION OF EARTHWORKS.

I'VE CONTRACTION HE SITE AND THE PROTECTION OF EARTHWORKS.

I'VE CONTRACTION HE SITE AND CONTROLLOW THE PROTECTION OF EARTHWORKS.

I'VE CONTRACTION HE SITE OF THE TOPICES SHALL BE MONITORED, CLEANED AND AND CONTROLLOW THE SITE OF EARTH AND AND PROTECT ANY DOWNSTREAM CONSTRUCTION. AND DUPO SHALL BE STORPED AND STOCKHELD IN LOCATIONS AGREED WITH THE SUPERINTEDIES.

IO SOLVE AND ADD PUBLIC HOLIDAYS.

IN THE ENDINE THE PROVIDED TO ALLOW AND EXAMENCE OF ALL ESDIMENT CONTROL

12.11

ENLING AND OR MAINTENANCE OF EXISTING AND OR SEDIMENT BASINS MAY REQUIRE FLOCCULATION.

BATTERS WITHIN PUBLIC OPEN SPACE TO BE VEGETATED IN ACCORDANCE WITH APPROVED OPEN
SPACE MANAGEMENT PLAN (OSMP).

IT IS THE CONTRACTORS RESPONSIBILITY TO CLEAN OUT GDT'S, FOREBAYS AND ALL OTHER
SEDIMENT CONTROL DEVICES AT BOTH ON AND OFF MAINTENANCE. THE CONTRACTOR SHALL ALLOW
FOR THE COST OF THESE WORKS WITHIN HIS SUBMITTED TENDER PRICE.

EARTHWORKS/ROADWORKS 1. TOPSOIL STRIPPING

OUTLINED IN DSC

TESTING AUTHORITY.

1. TOPSOIL STRIPPING
TOPSOIL STAIL BE STRIPPED ACROSS THE ENTIRE LIMIT OF THE EARTHWORKS CUT AND FILL
AREAS AND SHALL BE STOCKPILED IN A LOCATION APPROVED BY THE SUPERINTENDENT. THE
EXISTING STRATA IS TO BE TREATED IN ACCORDANCE WITH THE SUPERINTENDENT. THE
EXISTING STRATA IS TO BE TREATED IN ACCORDANCE WITH THE SUPERINTENDENT. THE
EXISTING STRATA IS TO BE TREATED IN ACCORDANCE WITH THE SUPERINTENDENT. THE
EXISTING STRATA IS TO BE TREATED IN ACCORDANCE WITH THE SUPERINTENDENT.

2. EARTHWORKS LEVELS
EARTHWORKS LEVELS SHOWN ON DRAWINGS ARE TO FINISHED SURFACE LEVELS AND INCLUDE
100mm OF TOPSOIL.

3. COMPACTION STANDARD
3. COMPACTION STANDARD
3. COMPACTION STANDARD
3. COMPACTION STANDARD
3. COMPACTION TESTING SHALL BE CARRIED OF PAVEMENT DEPTHS. THE PAVEMENT DEPTHS GIVEN ARE
DEFINE SHOWN IN IN THE SCHEDULE OF PAVEMENT DEPTHS. THE PAVEMENT DEPTHS GIVEN ARE
DESIGN DEPTHS ONLY AND MAY BE VARIED AFTER SUBGRADE TESTS ARE TAKEN.

3. TESTING
ALL COMPACTION TESTING SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. TESTING AUTHORITY.

4. LI SITE FILLING SHALL BE TESTED AT LEVEL T REQUIREMENTS.

4. TOPSOIL FROM ONSITE STOCKPILES. THE TOPSOIL SHALL BE SCREENED PRIOR TO PLACING IF
TOPSOIL FROM ONSITE STOCKPILES. THE TOPSOIL SHALL BE SCREENED PRIOR TO PLACING IF
DIRECTED BY SUPERINTENDENT. THE CONTRACTOR SHALL ALLOW IN HIS RATE FOR SCREENING, THE
DISPOSAL OF REJECT MATERIAL TO TIP OFFSITE INCLUDING ALL FEES.

7. GRASSING
ALL CUT'FILL AREAS, DISTURBED AREAS AND TRENCHED AREAS SHALL BE GRASSED TO THE
SATISFACTION OF THE SUPERINTENDENT.

8. SUBSOIL DRAINS
3. SUBSOIL DRAINS
3. SUBSOIL DRAINS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH DSC STD
DWG 05-02-103 AND SHALL BE PLACED UNDER ALL KERB STRUCTURES AND
ARE TO BE CONSTRUCTED TO A DEPTH GREATER THAN THAT OF THE INVERT
OF THE DEEPEST SERVICE CROSSING.

THE CONTRACTOR IS TO INCLUDE ROCK EXCAVATION AS PART OF THEIR EARTHWORKS RATE.

THE CONTRACTOR IS TO INCLUDE ROCK EXCAVATION AS PART OF THEIR EARTHWORKS RATE.

EARTHWORKS ZONE

THE FOLLOWING ACTIVITIES ARE PROHIBITED OUTSIDE THE EARTHWORKS ZONE - STORAGE AND MIXING OF MATERIALS, VEHICLE PARKING, LIQUID DISPOSAL, MACHINERY REPAIRS/REFUELING, PLACEMENT OF SITE OFFICES OR SHEDS, COMBUSTION OF ANY MATERIAL, STOCKPILING OF SOIL, RUBBLE OR DEBRIS, ANY FILLING OR EXCAVATION UNCLUDING TERMITES, LOPSOIL, SKIMMIG AND OR SURFACE EXCAVATION UNLESS OTHERWISE APPROVED BY DSC CHIEF EXECUTIVE OFFICER.

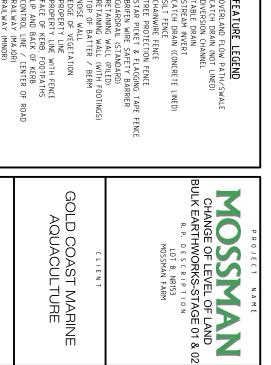
STOCKPILES

THE CONTRACTOR SHALL NOT CREATE STOCKPILES OF SURPLUS MATERIALS UNLESS DIRECTED BY THE SUPERINTENDANT. ALL MATERIALS ARISING FROM THE WORKS SHALL BE COMPACTED TO FUTURE FILL AREAS AS NOMINATED.

0.50					
EXISTING CONTOURS DESIGN CONTOURS BULK EARTHWORKS CONTOURS	EXISTING RAILWAY (MINOR) EXISTING FEATURES FUTURE PROPERTY LINE SITE BOUNDARY STAGE BOUNDARY LIMIT OF WORKS LATCHMENT BOUNDARY	RAIL WAY (MAJUR) EXISTING PROPERTY LINE EXISTING PROPERTY LINE EXISTING SURVEY BOUNDARIES EXISTING SURVEY BOUNDARY EXISTING SURVEY BOUNDARY EXISTING FREB E	ニョ・ベインドゅう	DIVERSION CHANNEL TABLE DRAIN STREAM INVERT CATCH DRAIN (CONCRETE LINED) SILT FACE CHAINWIRE FENCE TREE PROTECTION FENCE STAR PICKET & FLAGGING TAPE FENCE BURDEN WIRE SAFETY BARRIER GUARDRAIL (STANDARD) RETAINING WALL (PILED)	OVERLAND FLOW PATH/SWALE (ATCH DRAIN (NOT LINED)

RM — — RM	— ET——	 - -	 GT 	 - -	<u></u>	<u> </u>	ļ	—E — V — E		HV -		 - -	<u> </u> 	 - -	RQ	 			WS	<u> </u> 	 -	
RMRMRM-			 61 	음 	<u></u>	 	<u> </u> 	V E	<u></u>	HV	 	<u> </u>	<u> </u> 		- RQV	 		RW-	 - -	_ _ 	문	
- RM			 61 	— 윤 —		 	<u> </u> 	V = 3	<u></u>	HV	 		<u></u>		- RQV] 		
- EXISTING RISING MAIN	_	— PROPOSED ELECT, TELSTRA	— PROPOSED GAS, TELSTRA	— PROPOSED GAS, ELECT	PROPOSED COMMUNICATIONS	PROPOSED TELSTRA	PROPOSED LIGHTING	PROPOSED OVERHEAD ELECTRICITY	— PROPOSED UNDERGROUND ELECTRICITY	PROPOSED HIGH VOLTAGE ELECTRICITY	PROPOSED PIPELINE	PROPOSED GAS	PROPOSED FUEL	— PROPOSED OIL	PROPOSED RECYCLED WATER	PROPOSED WATER	PROPOSED SUBSOIL	PROPOSED ROOFWATER	PROPOSED STORMWATER	PROPOSED SEWER	PROPOSED RISING MAIN	SERVICES LEGEND

LEGEND AND



0)	PRE	Α					SNO	COUNCIL	TENDER	_	
SI IHDIALAO)	DATE	23-07-15					CONSTRUCTION	₽	ER	3 U E	
S VESTED IN MORTONS URBAN SOLUTIONS AND	AMENDMENT	COUNCIL ISSUE				_		23-07-15		SDATE	

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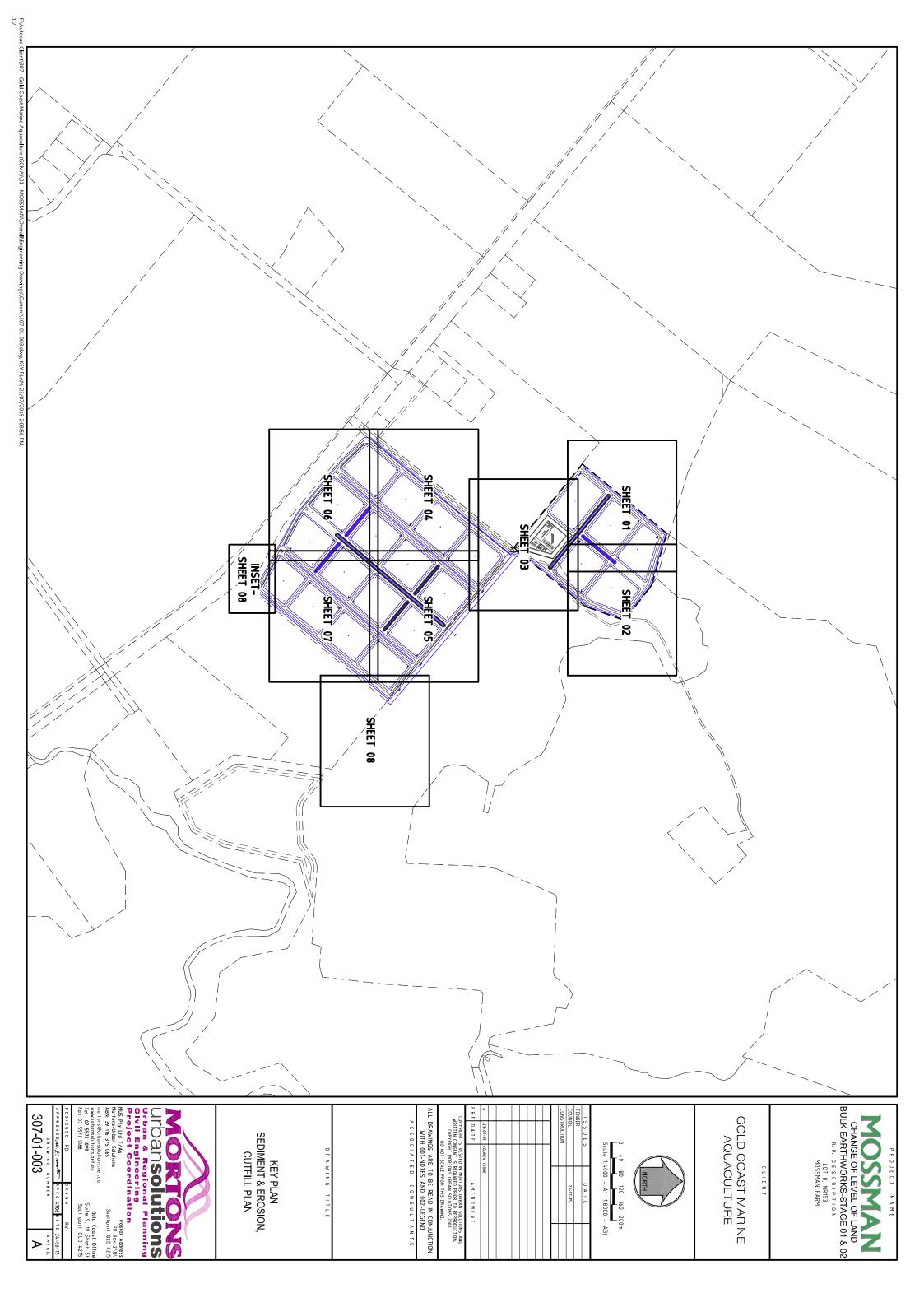
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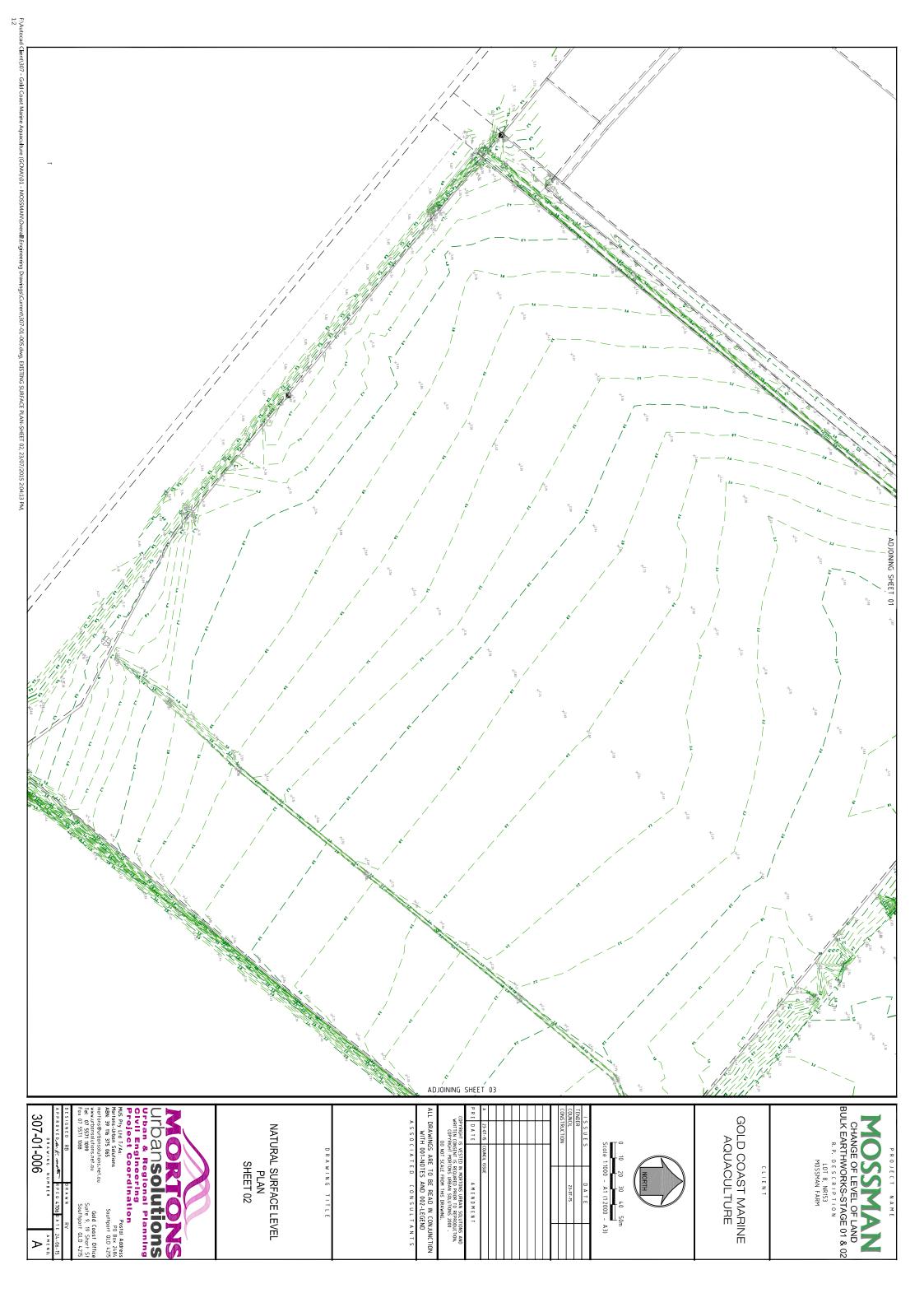
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MUS Pty Ltd T/As: Mortons-Urban Solutions ABN: 39 116 375 065 Urban**solutions** Postal Address PO Box 2484 Southport QLD 4215

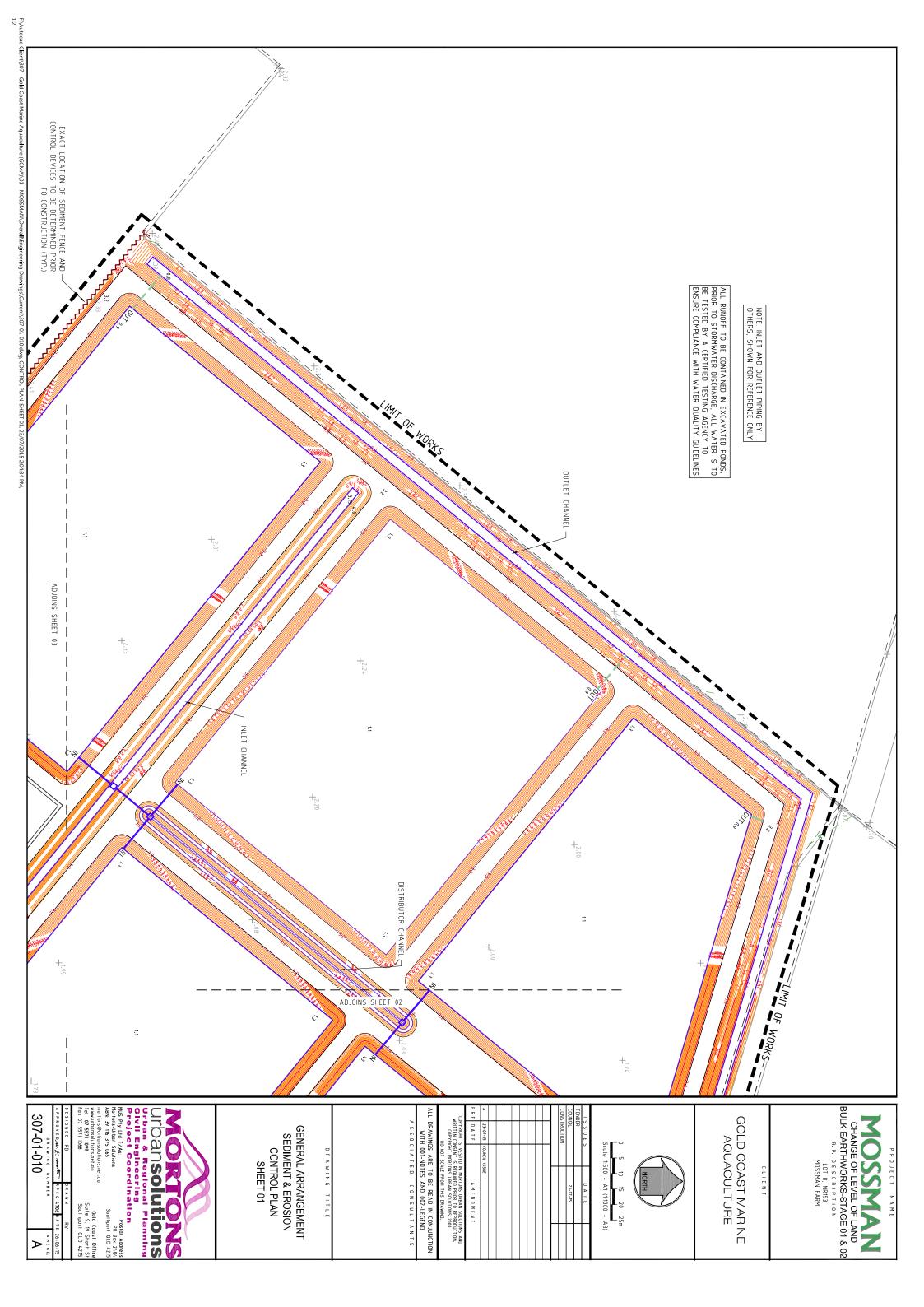
nortons@urbansolutions.net.au www.urbansolutions.net.au let 07 5571 1099 ax 07 5571 1088 307-01-001 Gold Coast Office Suite 9, 19 Short St Southport QLD 4215

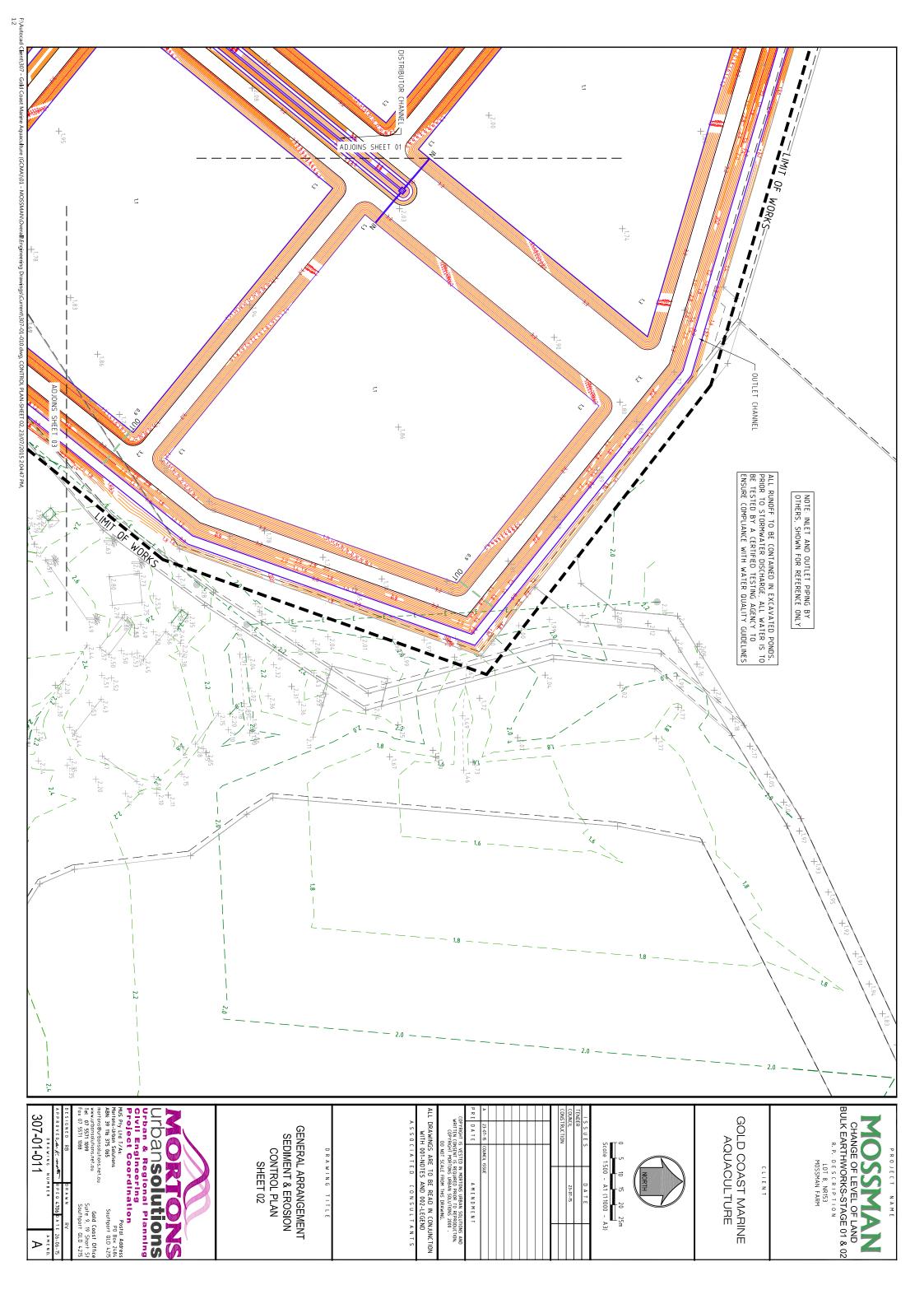


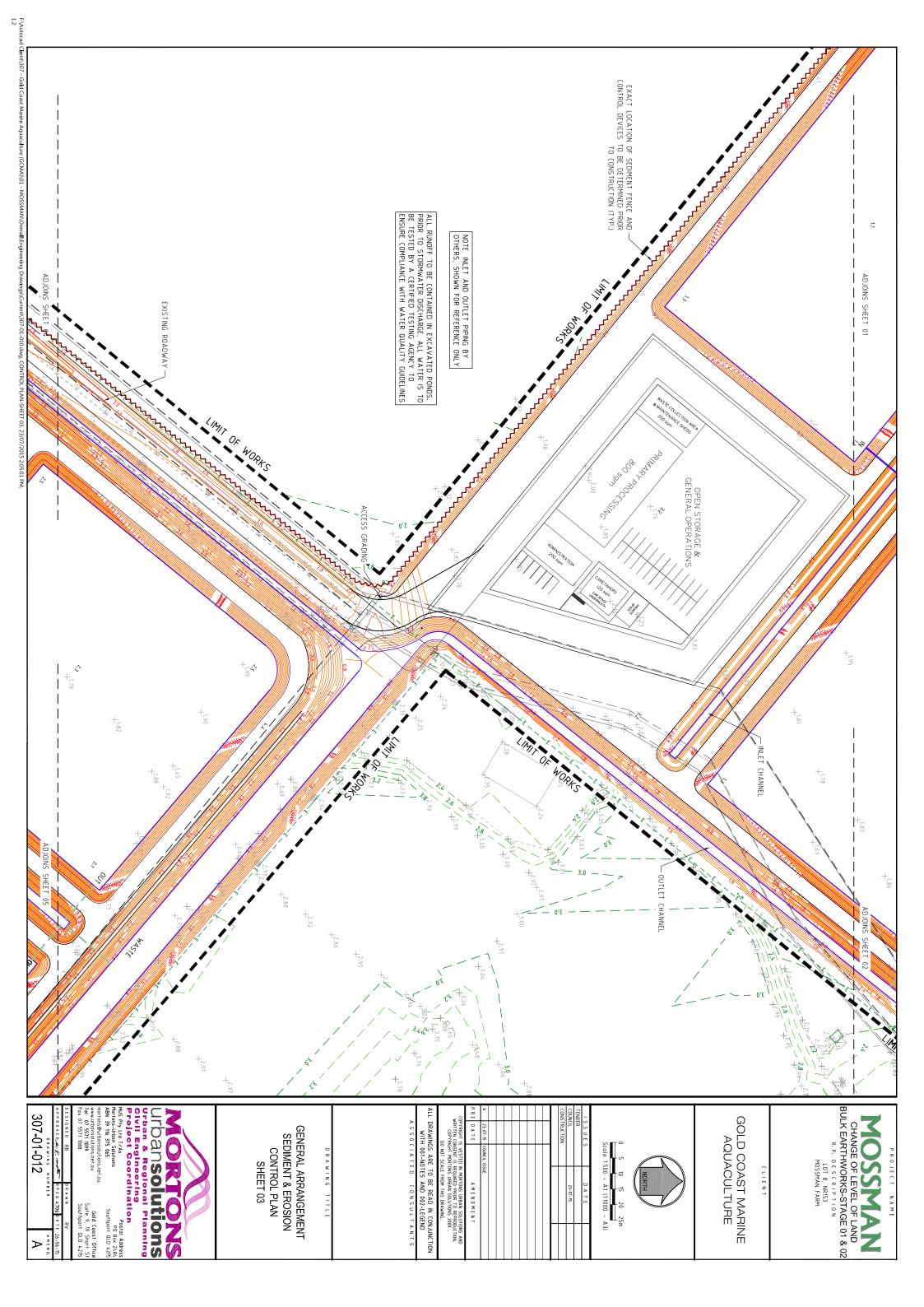


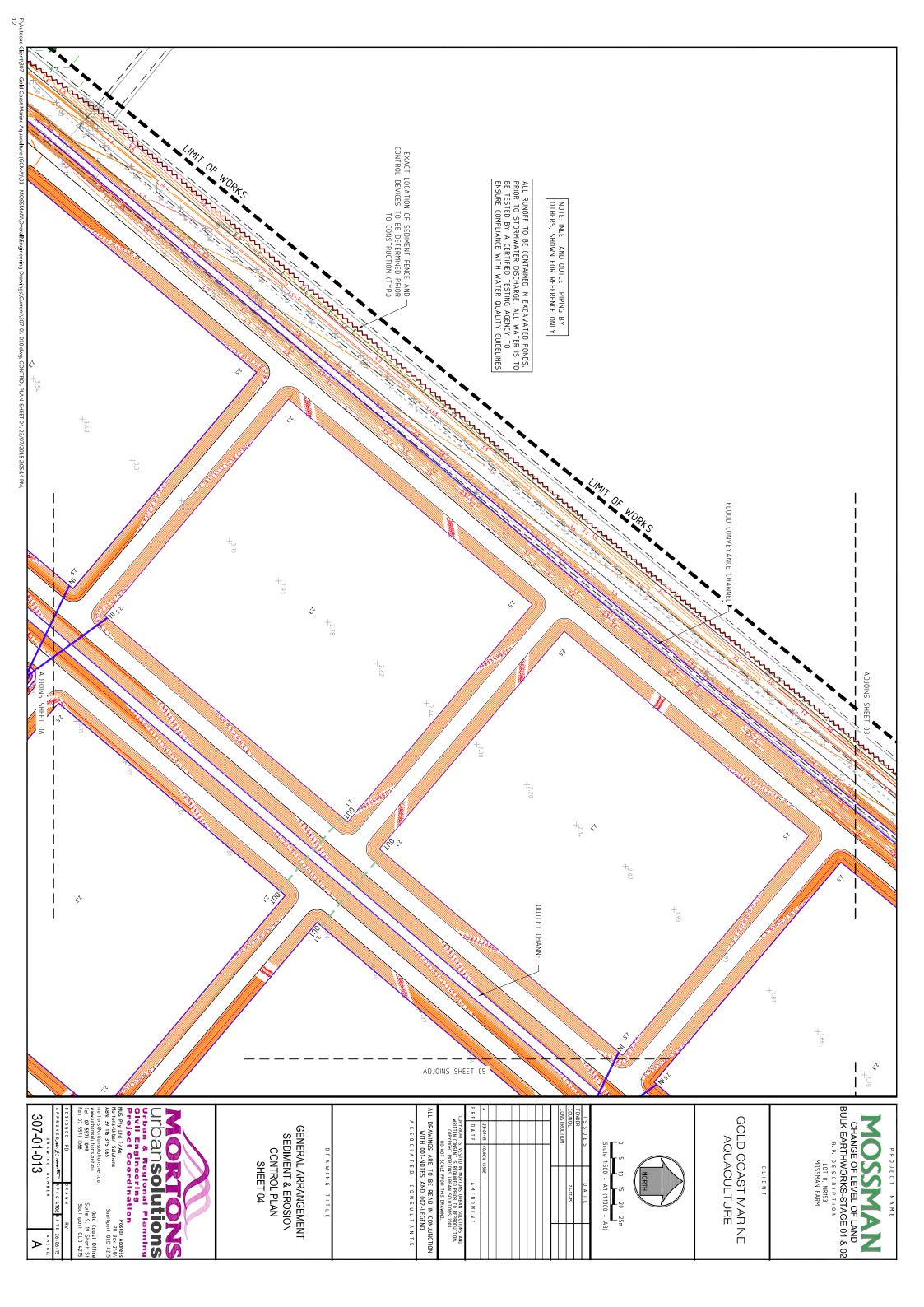


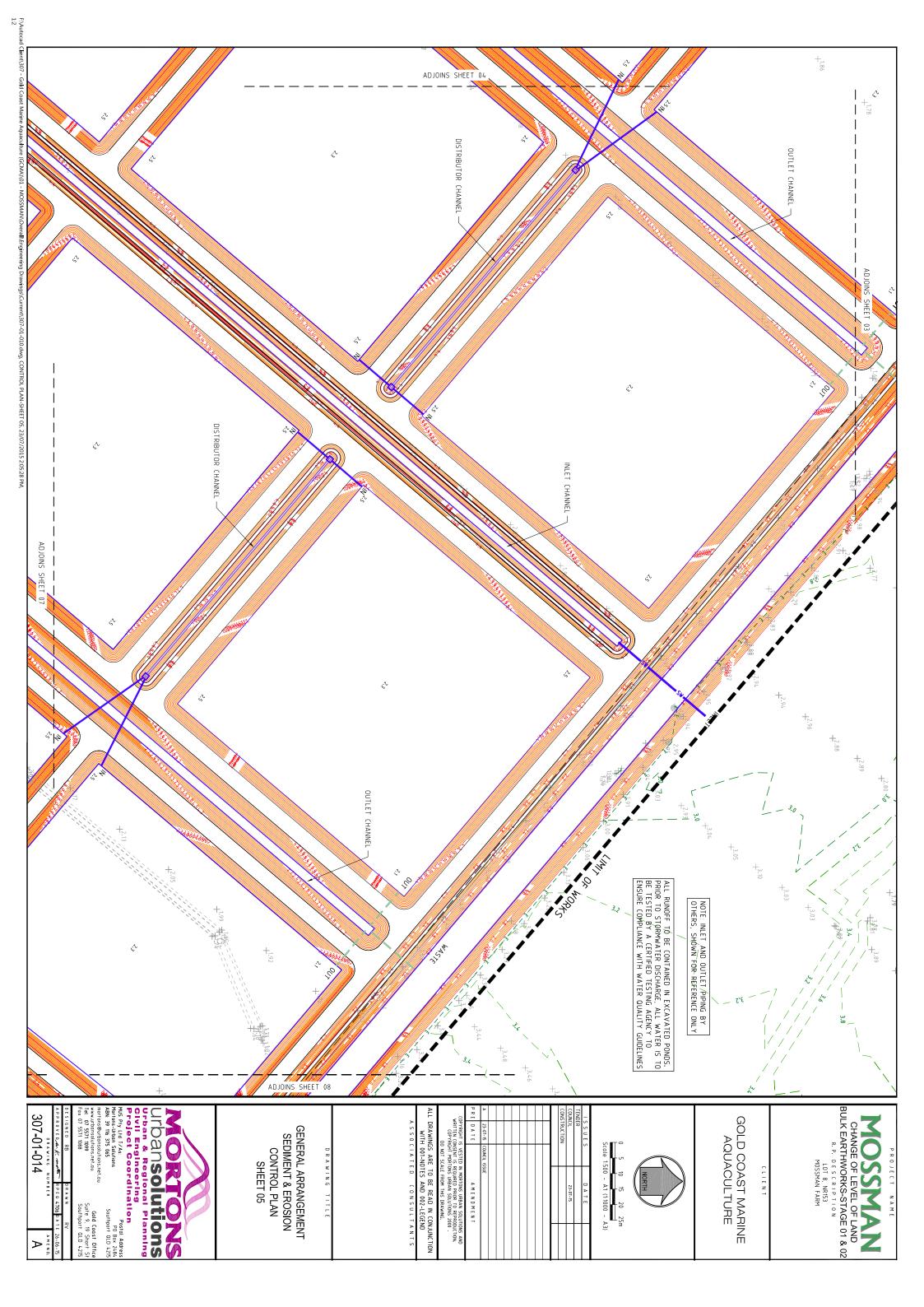


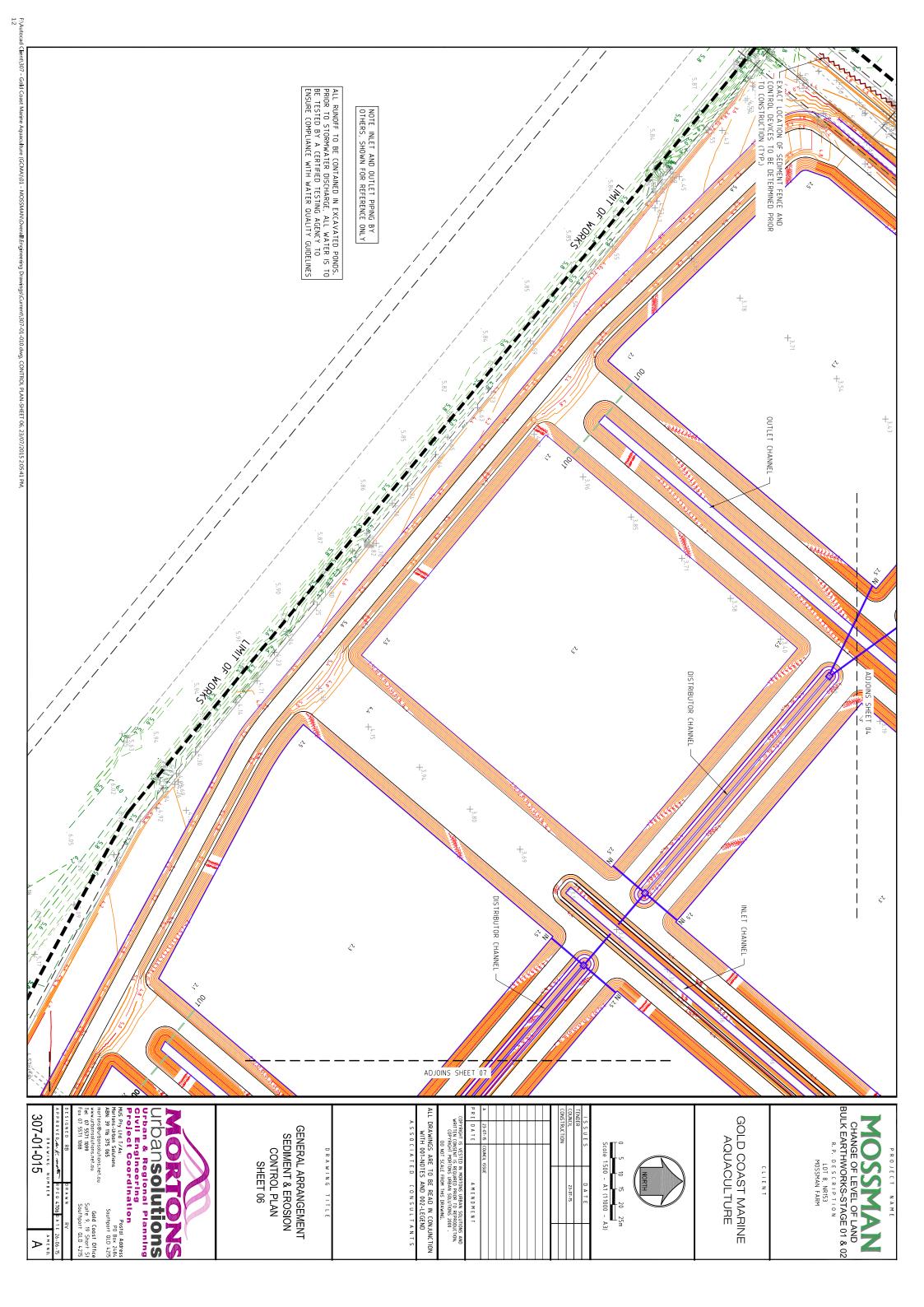


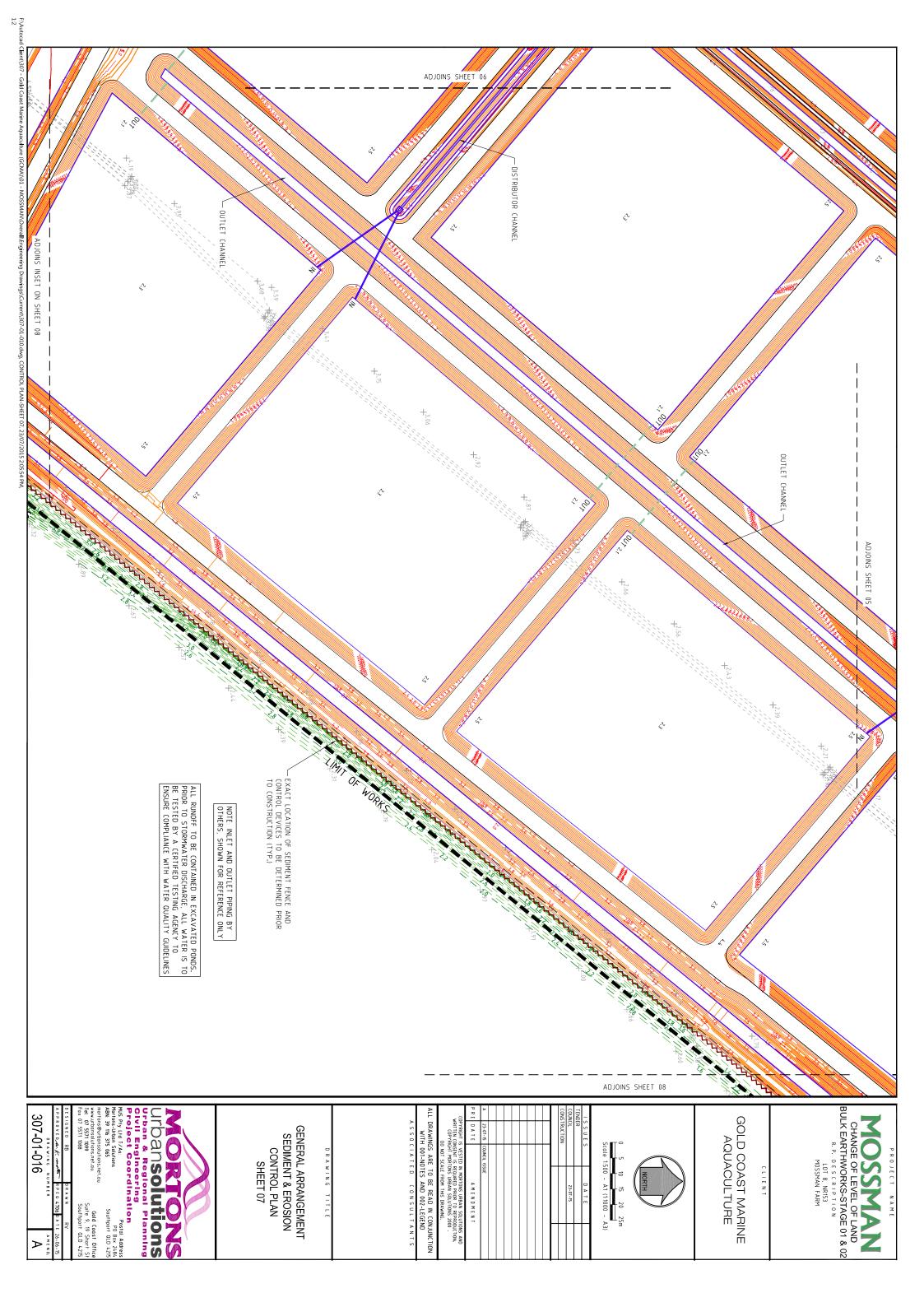


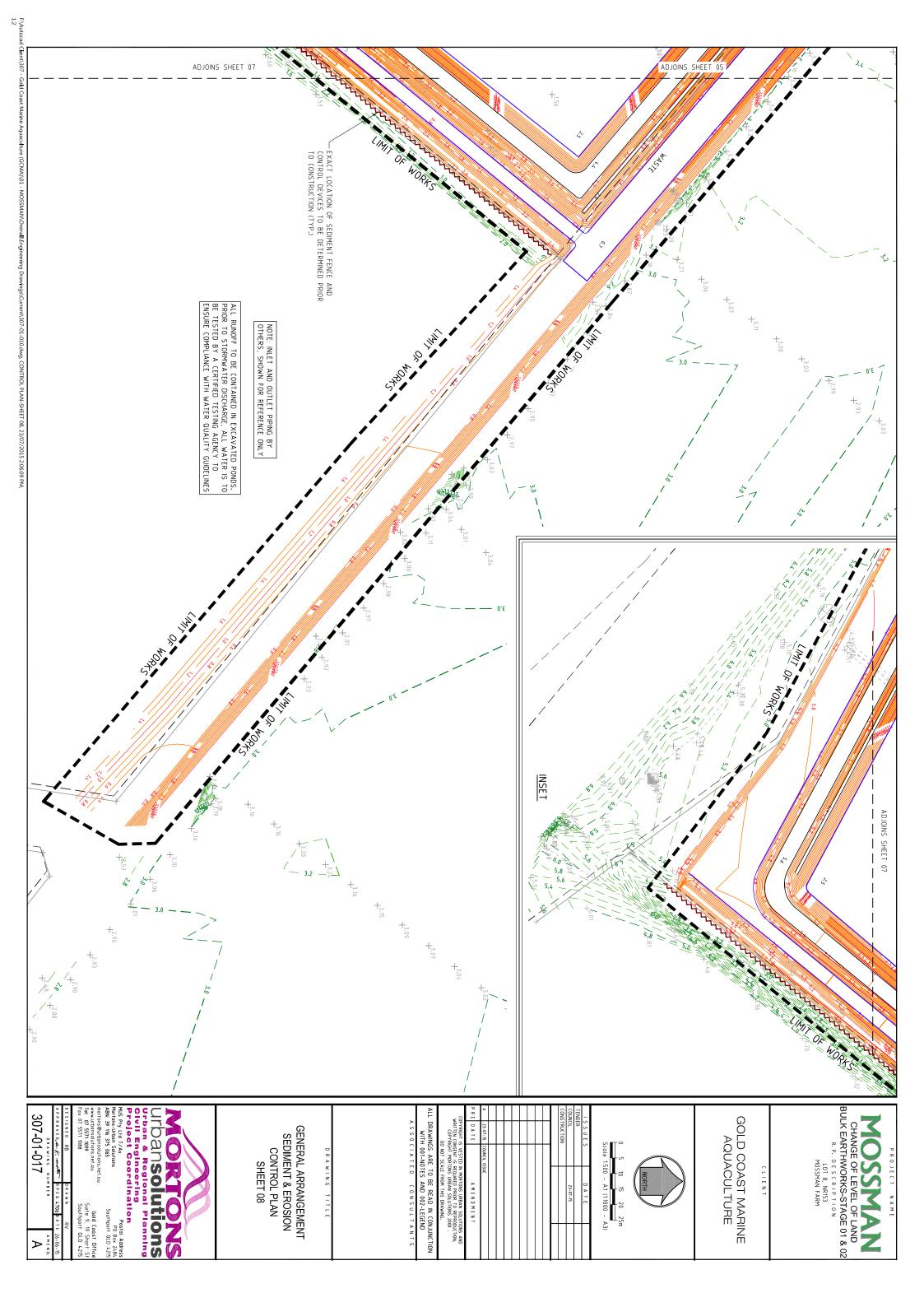


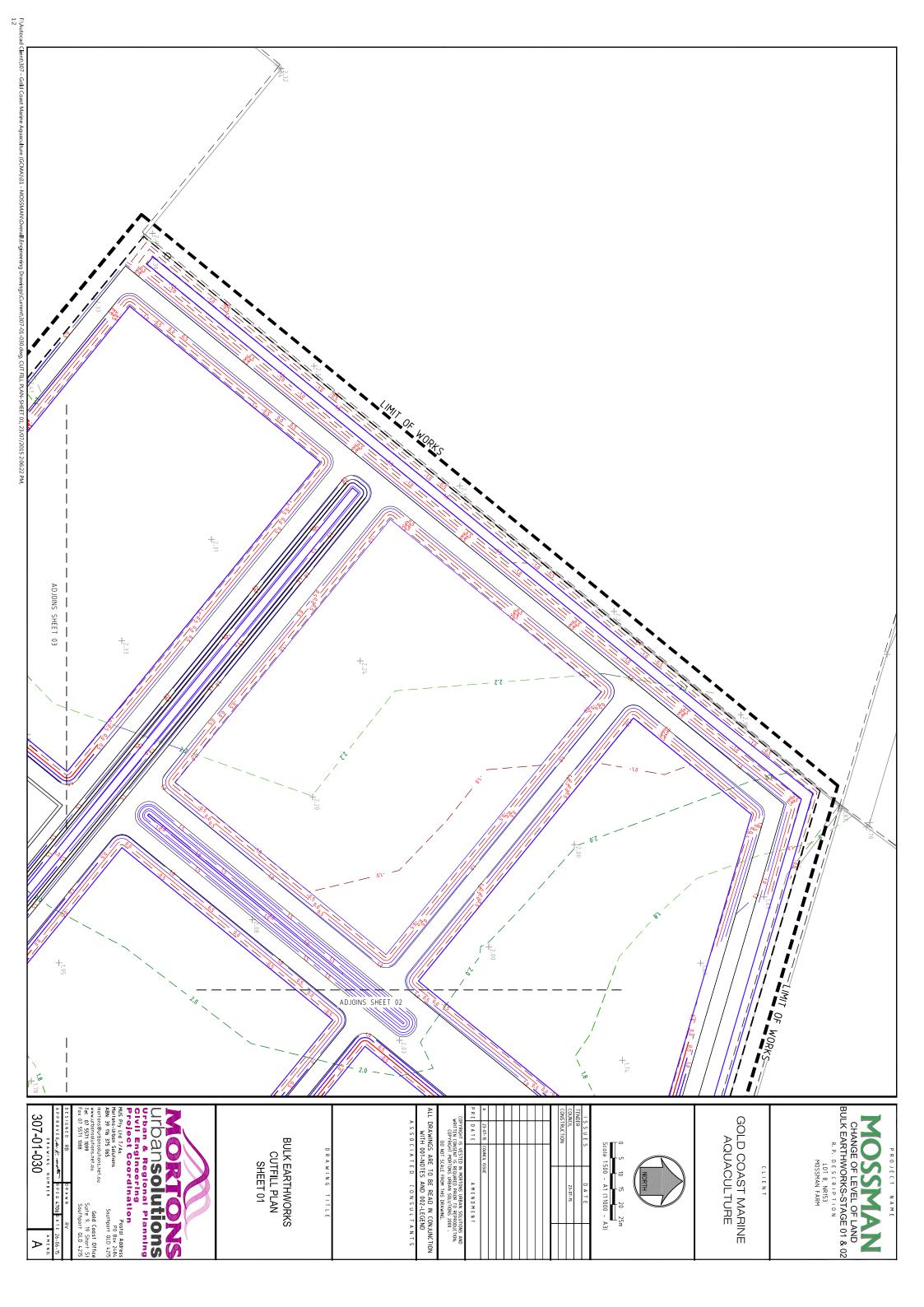


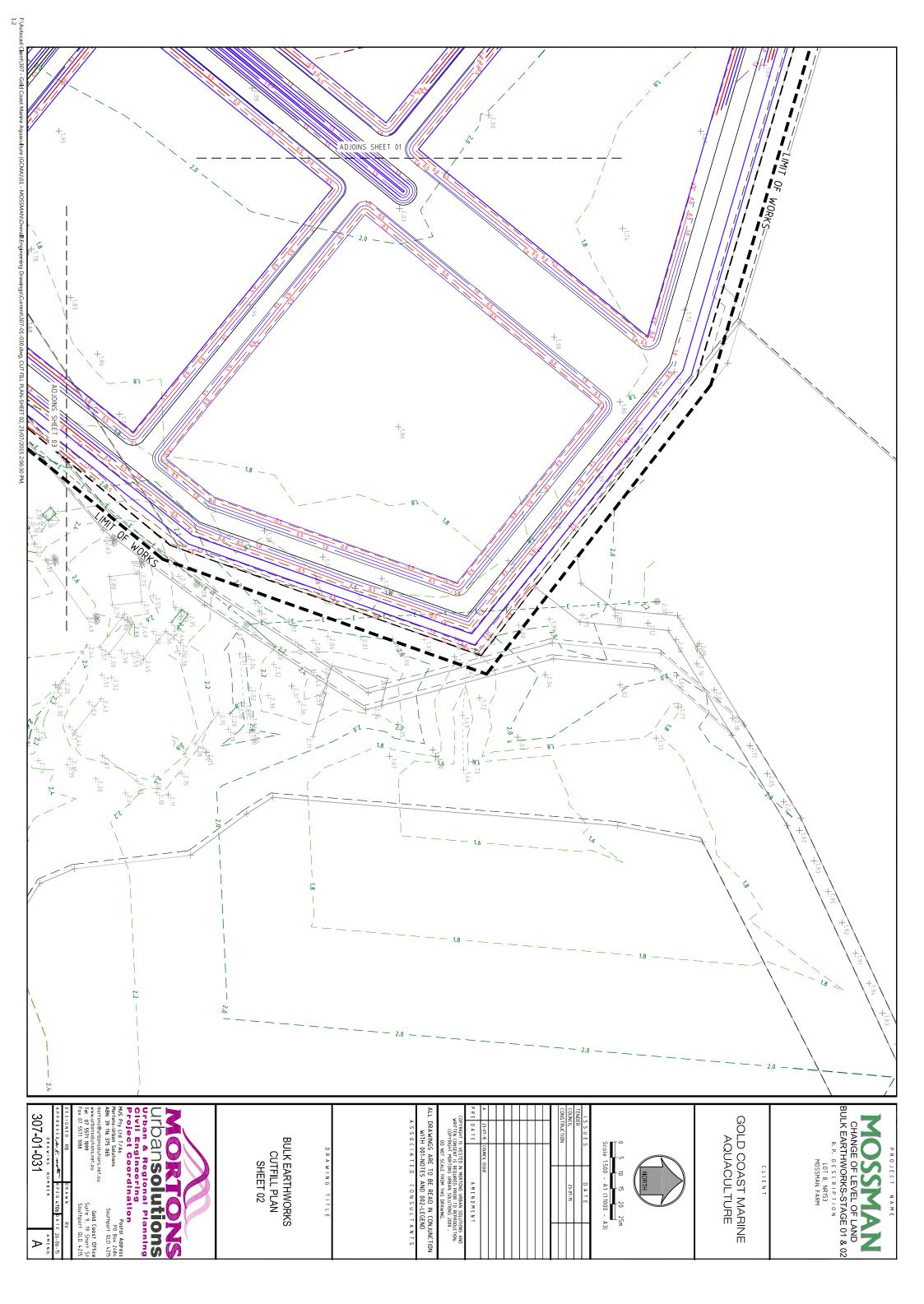


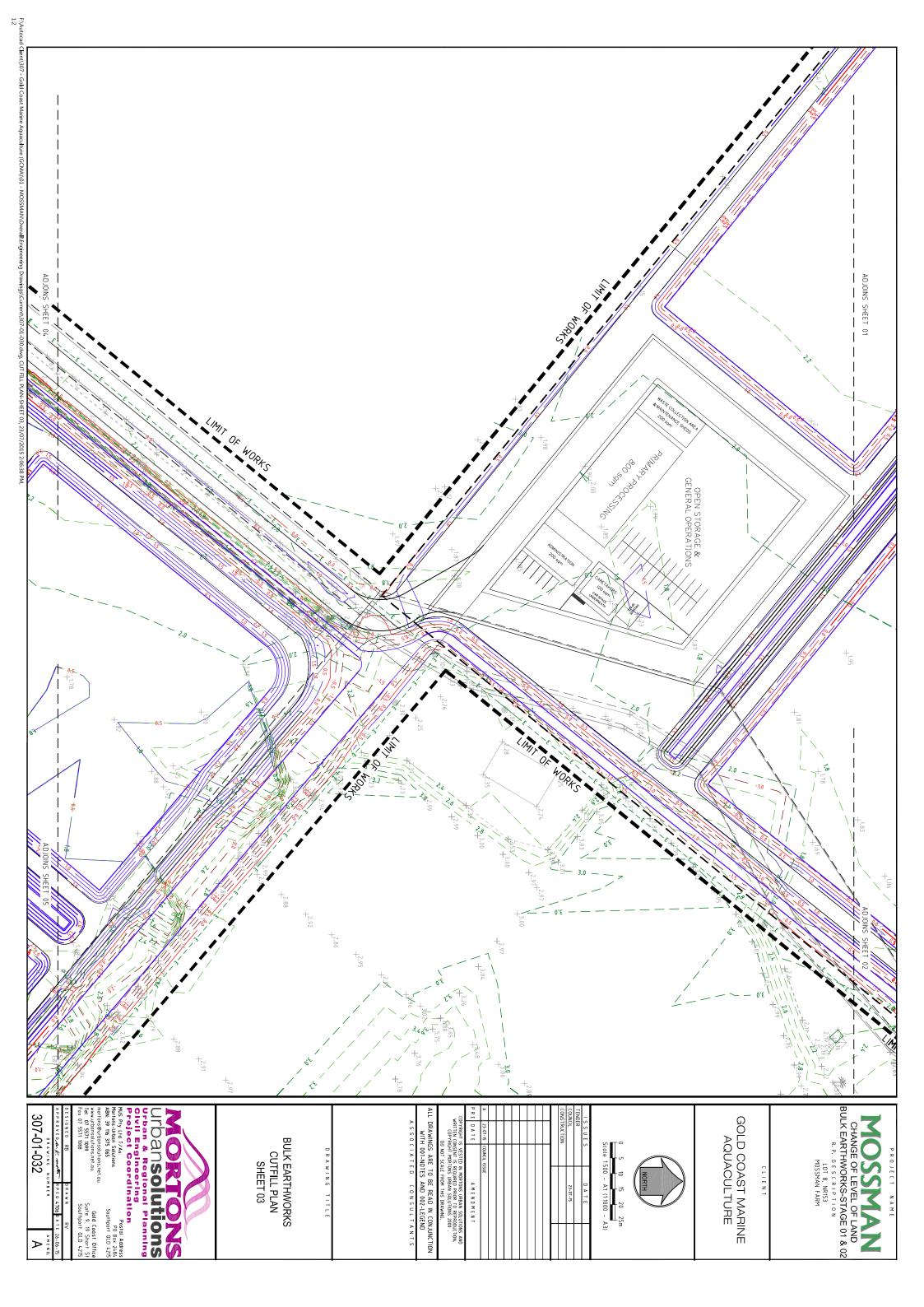


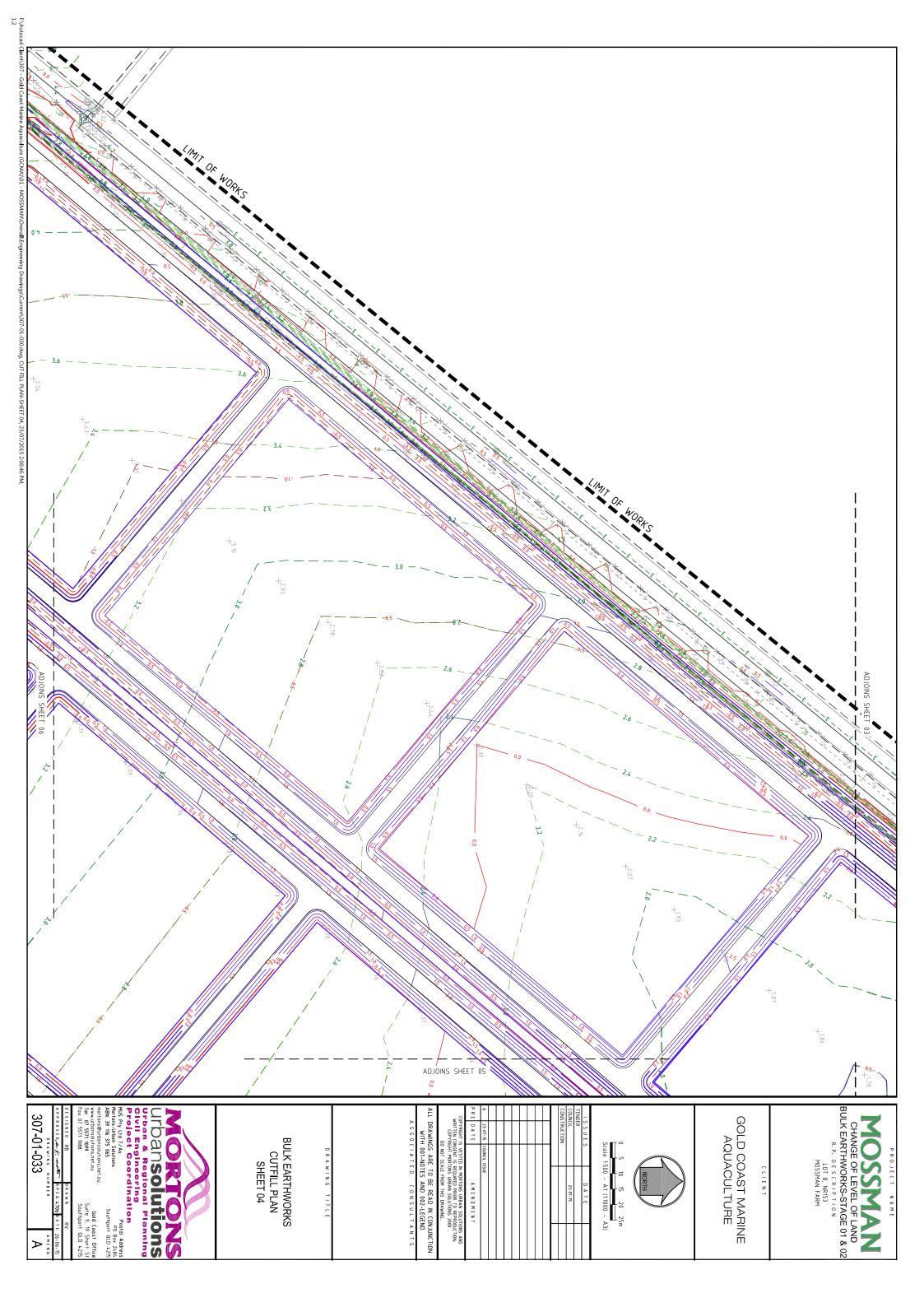


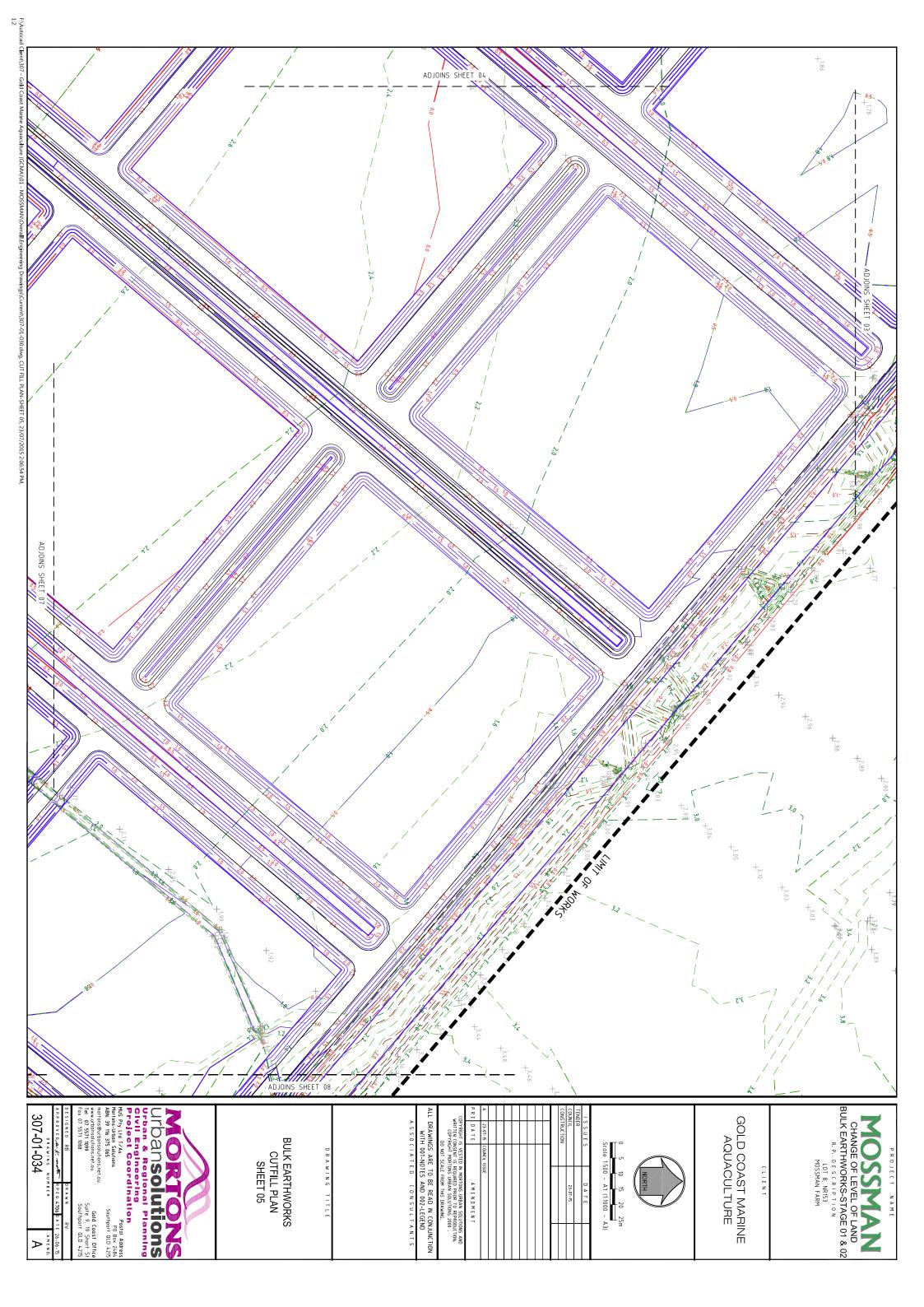


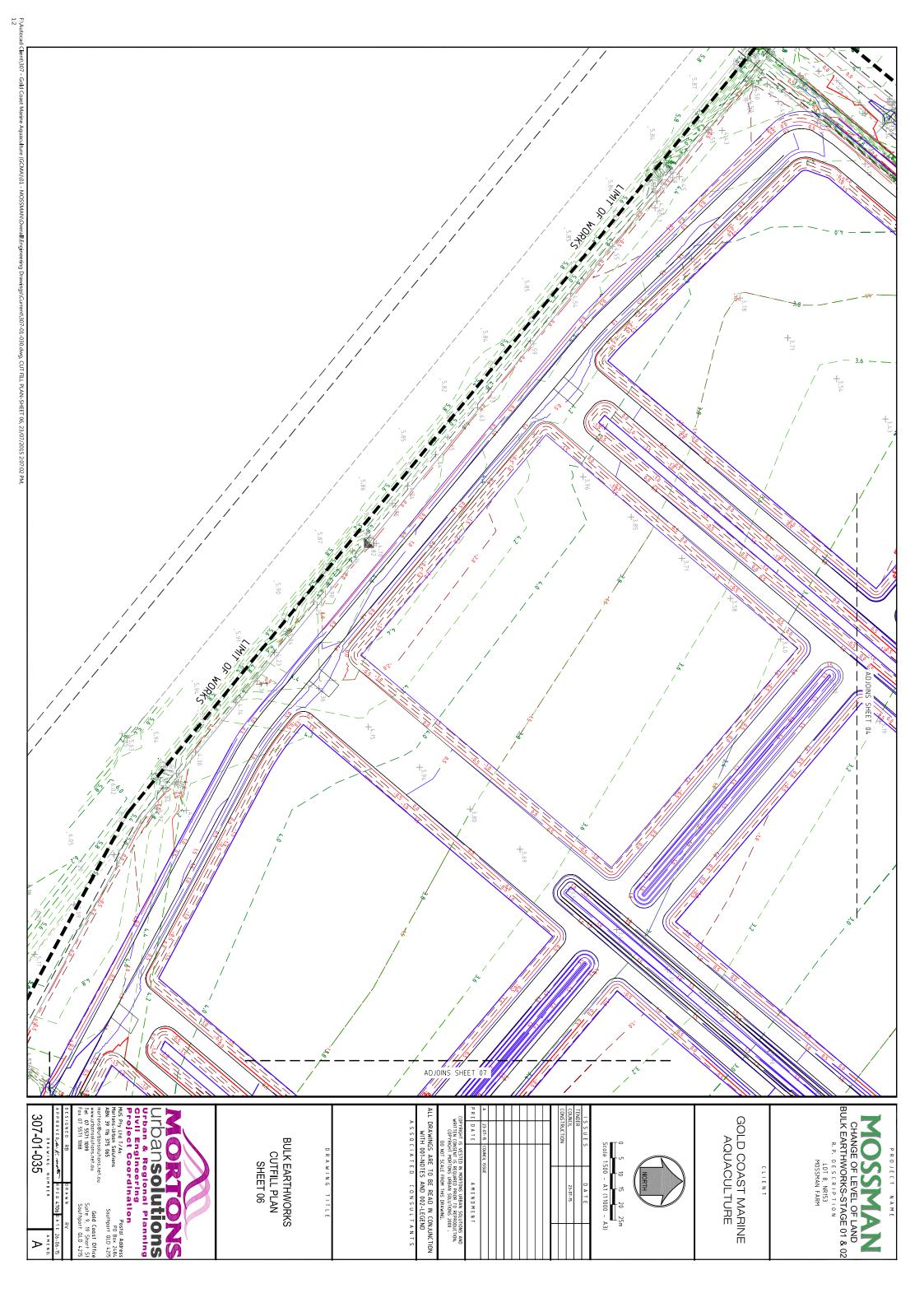


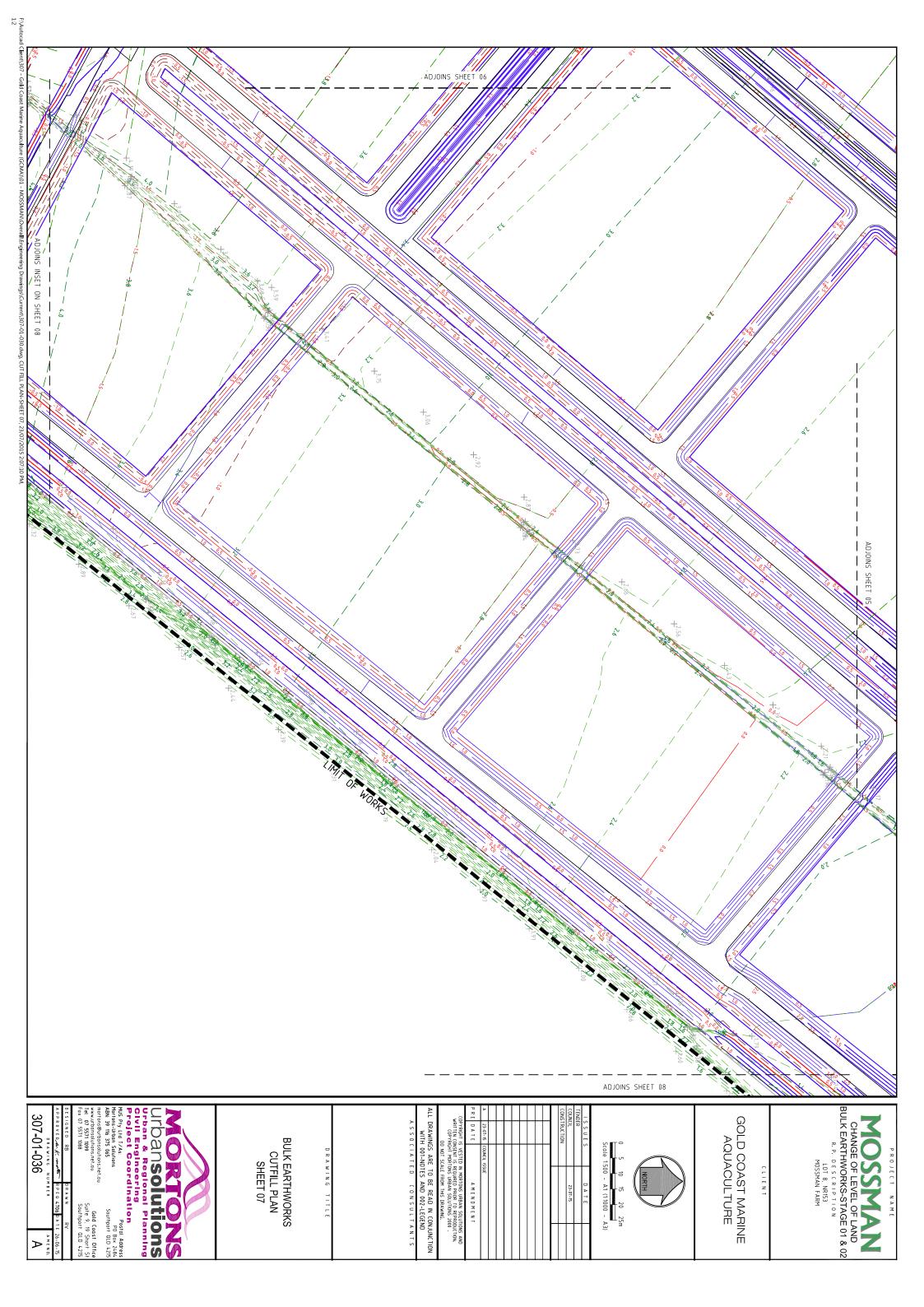


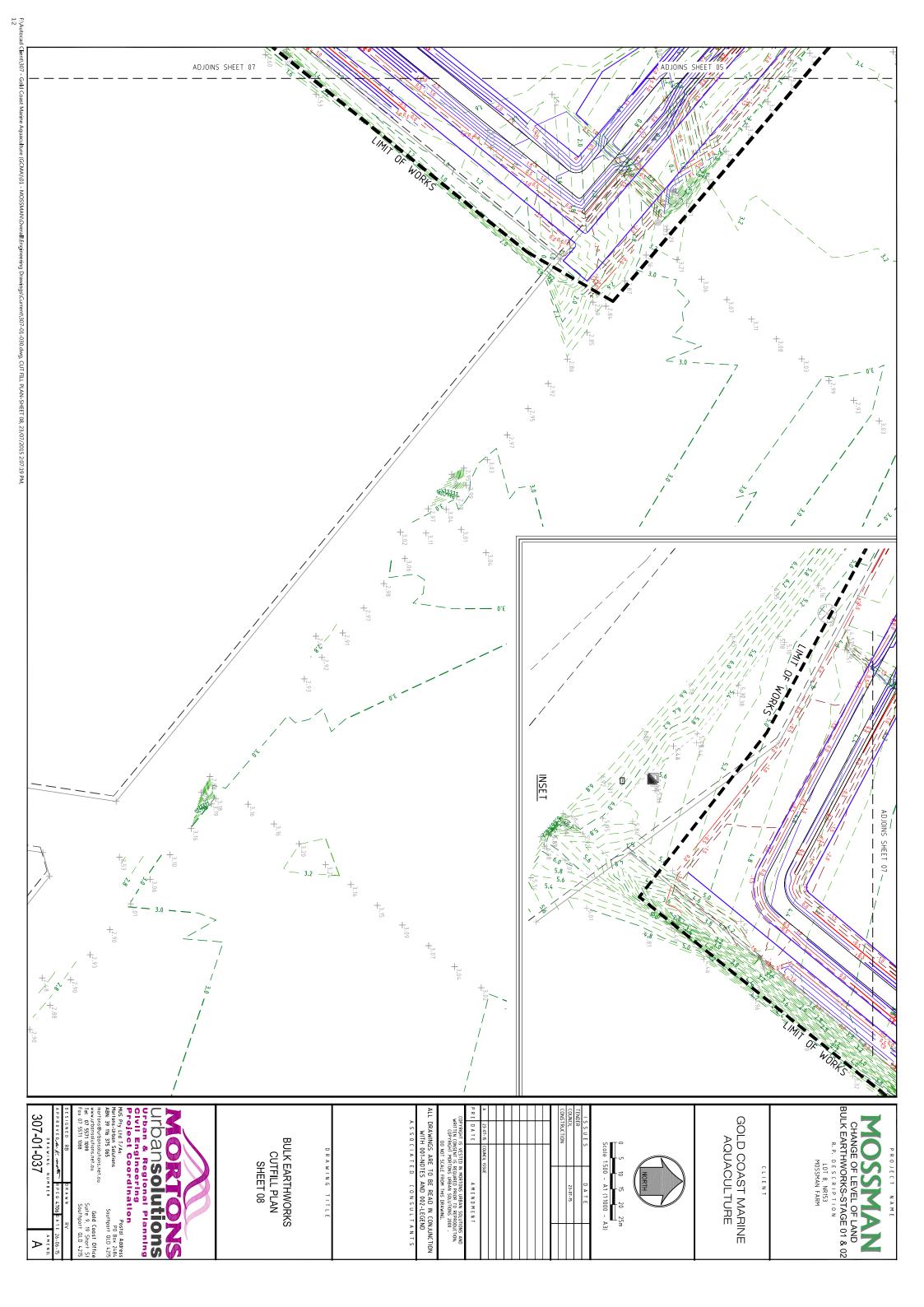


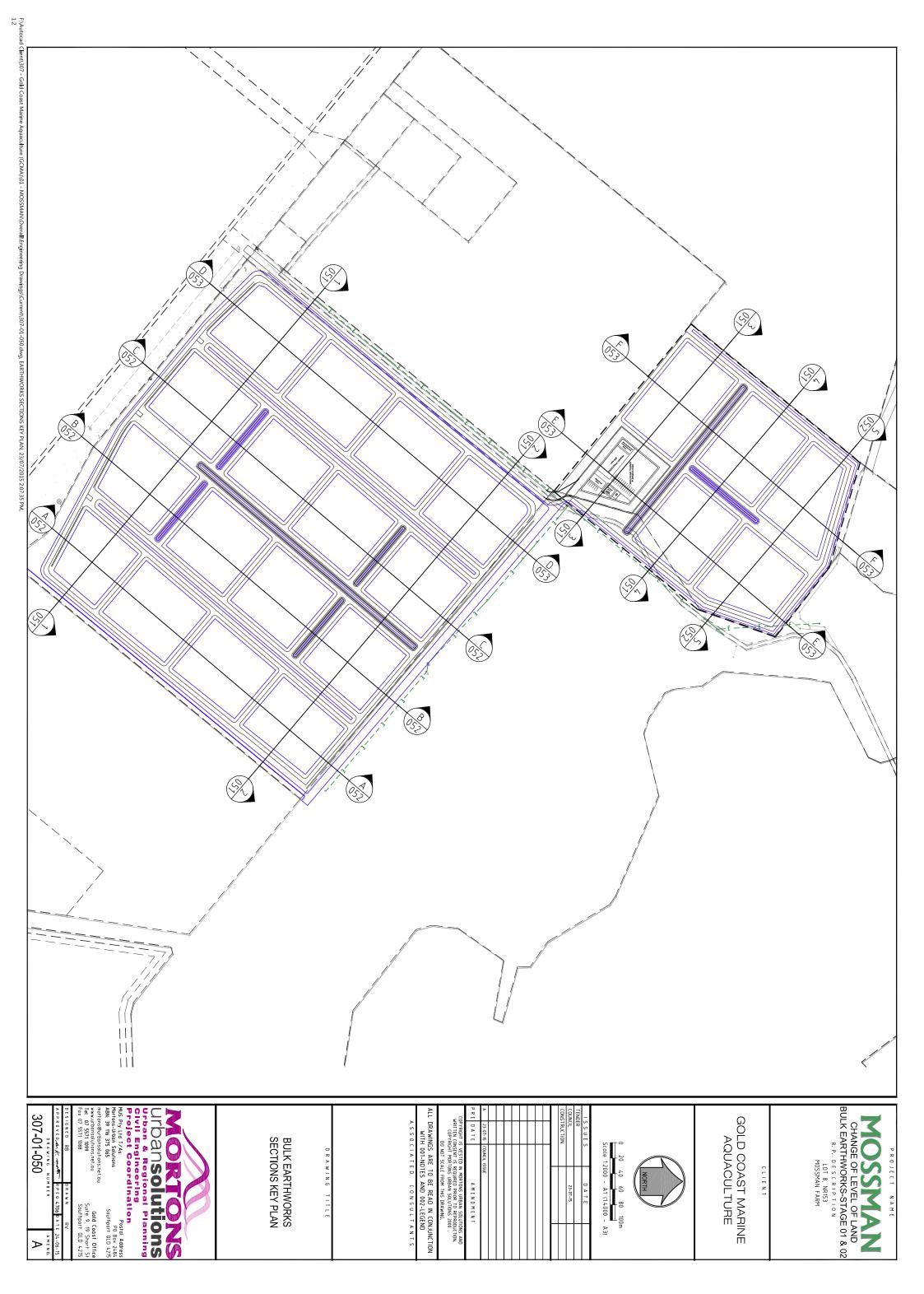


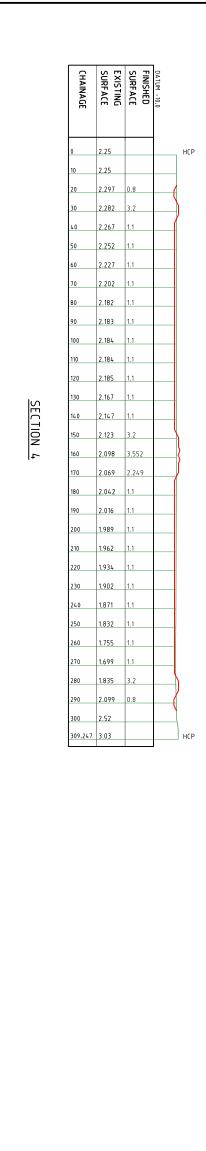












2.342 HCP 2.368 2.346 2.337 2.332 2.322 2.324 2.344 2.349 2.353 2.352 2.327 120 2.288 2.243 2.199 150 2.113 2.823 2.048 1.982 1.916 1.85 1.795 220 1.794 2.029 250 260 2.058 2.154 2.189 1.463 90 2.181 300 309.247 2.278 нср

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DO NOT SCALE FROM THIS DRAWNIG.

DATE

AMENDMENT

SECTION 3

FINISHED
SURFACE
EXISTING
SURFACE

FINISHED SURFACE EXISTING SURFACE CHAINAGE 2.113 НСР --- RP 2.167 2.54 2.382 2.429 2.237 3.346 2.161 2.989 2.084 2.007 1.93 1.854 2.3 1.782 1.788 1.795 110 1.801 120 1.807 1.814 140 150 1.82 1.833 1.853 180 190 1.874 1.894 1.915 210 1.935 220 1.956 230 1.977 1.997 250 2.3 SECTION 2 2.018 3.086 260 2.025 270 1.999 280 290 2.001 1.997 300 2.3 1.994 1.99 320 1.986 330 1.982 340 350 1.978 1.974 360 2.3 370 1.97 1.966 2.358 3.942 390 1.962 3.558 400 1.959 2.742 410 1.955 420 2.006 430 1.809 1.795 440 450 1.784 1.774 460 470 1.763 2.3 1.753 480 1.743 500 1.732 .298 510 1.703 0.825 1.75 520 547.123 2

3.208 2.726 3.845 4.335 3.77 3.695 3.621 3.547 3.473 3.478 3.497 3.516 3.536 3.555 3.574 3.596 3.615 DESIGN SURFACE 3.626 190 3.636 3.646 3.656 220 3.666 230 3.676 3.686 250 3.696 3.704 3.086 260 3.713 270 3.723 290 3.735 3.746 300 3.758 3.769 3.777 330 3.784 3.791 3.798 360 3.805 370 3.812 2.358 3.819 3.942 3.826 3.558 400 3.833 410 2.742 FOR BATTER DETAILS REFER TYPICAL SECTION DRAWINGS 307-01-090 & 307-01-091 (TYP.) 420 3.84 3.103 440 3.684 3.731 450 3.777 3.824 470 3.87 480 3.963 3.295 4.009 4.696 510 520 4.072 4.847 4.496 4.701 547.123 4.864 NATURAL SURFACE

CHANGE OF LEVEL OF LAND
BULK EARTHWORKS-STAGE 01 & 02

R. P. DESCRIPTION
LOT 8. NR153
MOSSMAN FARM

GOLD COAST MARINE AQUACULTURE

SECTION.

FINISHED
SURFACE
EXISTING
SURFACE

3.922

HCP

3.645

3.671

3.904

CHAINAGE

MORTONS
Urbansolutions

BULK EARTHWORKS SECTIONS SHEET 01

R Rey.
ngIneering
nt Coordination
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Southport 0.D 4275

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mortons@urbansolutions.net.au
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tel 07 5571 1088
Fax 07 5571 1088

Gold Coast Office Suite 9, 19 Short St Southport QLD 4215

307-01-051

FINISHED
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SURFACE
EXISTING
SURFACE CHAINAGE CHAINAGE CHAINAGE CHAINAGE 5.214 5.433 1.958 6.098 HCP 5.055 5.374 2.014 6.014 4.801 5.278 5.848 2.026 5.323 5.268 3.145 6.098 1.978 5.84 6.023 1.936 4.896 5.691 6.316 1.894 RP 4.572 4.598 4.661 4.302 5.316 1.852 .771 4.483 4.127 5.095 1.831 .343 4.071 4.571 4.823 1.824 +.204 4.035 3.483 1.822 4.642 4.065 3.999 1.823 4.436 3.963 4.239 1.839 3.845 3.927 4.052 1.856 3.78 3.891 3.932 1.862 SECTION 5 3.72 3.846 3.842 1.869 3.659 3.775 3.758 1.912 3.596 3.684 3.653 160 1.955 3.518 3.612 3.565 1.953 1.318 3.448 3.552 DESIGN SURFACE 3.479 1.938 4.685 3.398 3.489 4.685 3.378 3.76 190 1.924 3.35 3.415 200 3.316 1.909 3.299 3.35 210 3.262 3.237 3.205 1.869 3.158 3.153 3.152 1.846 230 3.089 240 3.096 1.823 250 2.999 3.002 250 3.043 1.809 2.931 260 2.937 260 3.002 1.794 260 SECTION C SECTION B 2.876 SECTION A 1.779 2.956 2.811 2.851 2.902 1.808 2.769 2.81 290 290 2.851 2.076 2.735 2.745 300 2.792 2.27 300 2.715 2.71 309.247 2.405 2.735 НСР 320 2.685 320 2.678 2.697 2.651 2.55 2.597 2.609 2.489 2.574 2.477 2.532 360 2.481 2.461 2.498 370 2.407 2.403 2.481 2.352 2.376 390 2.458 2.296 2.349 400 400 2.399 2.241 2.318 2.194 2.259 420 420 2.271 2.142 2.927 420 430 2.231 2.25 430 2.064 1.96 2.193 2.152 1.91 460 2.101 460 2.15 1.873 2.098 470 2.025 470 1.841 480 1.952 2.004 480 1.79 490 1.909 1.732 1.849 1.815 1.675 1.721 1.634 1.876 1.627 520 520 1.614 1.903 2.3 1.533 2.3 530 530 1.086 540 1.925 540 1.427 1.834 1.228 2.611 0.668 2.33 0.668 2.173 0.668 2.799 3.156 570 570 3.272 578.552 2.867 нср 578.552 3.203 578.552 3.229 НСР CHANGE OF LEVEL OF LAND
BULK EARTHWORKS-STAGE 01 & 02

R. P. DESCRIPTION
LOT 8, NRT53
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FINISHED
SURFACE
EXISTING
SURFACE CHAINAGE 2.432 HCP 2.439 2.342 2.346 2.351 2.356 2.361 2.349 2.337 2.325 2.301 2.285 2.268 2.251 2.234 2.217 2.194 2.168 2.143 190 200 2.116 2.089 2.062 1.738 2.035 2.163 1.958 1.899 260 1.848 1.802 1.756 1.714 300 1.705 1.75 1.75 1.702 360 1.594 361.266 1.576

SECTION F

SECTION E

CHAINAGE	EXISTING SURFACE	FINISHED SURFACE	DATUM -10.0
0	2.13		нсг
10	2.049		
20	2.003	3.2	
30	1.959	3.2	
40	1.97	3.2	
50	1.896	3.2	
60	1.803	3.2	
70	1.72	3.2	
80	1.8	3.2	
90	1.868	3.2	
100	1.905	3.2	
110	1.902	3.2	
120	1.896	3.05	<u> </u>
130	1.88	2.88	
140	1.851	1.1	
150	1.859	1.1	
160	1.895	1.1	
170	1.894	1.1	
180	1.892	1.1	
190	1.891	1.1	
200	1.89	1.1	
210	1.901	1.1	
220	1.884	1.1	
230	1.893	3.2	
240	1.88	1.1	
250	1.868	1.1	
260	1.855	1.1	
270	1.843	1.1	
280	1.836	1.1	
290	1.819	1.1	
300	1.808	1.1	
310	1.789	1.1	
320	1.785	1.1	
330	1.785	1.1	
340	1.826	3.2	
350	1,914	1.163	<u> </u>
360 361.266	1.981		нся

SECTION D

FINISHED
SURFACE
EXISTING
SURFACE

5.501

5.827

4.314 4.031

3.942

3.851 3.797 3.76

3.608

3.547

3.492

3.373

3.322

3.279

3.227

3.164

3.092

2.93 2.857

2.786

2.632

2.54

2.458

2.389

2.324

2.271

2.22

2.191

2.124 2.088 2.026

1.962 1.938

1.923

1.905

1.881

1.848

1.811 1.802 1.822 1.774

1.614

1.538 1.763

2.958

2.927

3.373

300

320

330

370

400

420

430

440 1.887

460

470

480

510

570

220

HCP

NATURAL SURFACE

CHAINAGE

578.552 2.915 GOLD COAST MARINE AQUACULTURE

CHANGE OF LEVEL OF LAND
BULK EARTHWORKS-STAGE 01 & 02

R. P. DE S (R IP TION
LOT 8, NR153
MOSSMAN FARM

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roject Coordination

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307-01-053

BULK EARTHWORKS SECTIONS SHEET 03

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DATE

AMENDMENT

FOR BATTER DETAILS REFER TYPICAL SECTION DRAWINGS 307-01-090 & 307-01-091 (TYP.)

2.2 TOPSOIL 0.283m2 CONVEY .0.4 46.92 STRUCTURAL TYPICAL SECTION
INLET CHANNEL ARRANGEMENT TYPICAL SECTION
MAIN DISTRIBUTOR CHANNEL TYPICAL SECTION EMPTY CHANNEL 22m 6m 20.3m 3.9m - 0.63m2 CONVEY
+0.7 (HEAD) √ 10 1 Ø 600 Urban & Regional Planning
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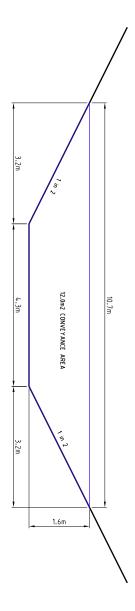
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ABN 39 16 375 065
mortons@urbansolutions.net.au
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Tel 07 5571 1088
fax 07 5571 1088 A 23-07-15 PRE DATE 307-01-090 GOLD COAST MARINE AQUACULTURE 0 0.5 1.0 1.5 2.0 2.5m Scale 1:50 - A1 (1:100 - A3) TYPICAL SECTIONS SHEET 01 AMENDMENT

Gold Coast Office Suite 9, 19 Short St Southport QLD 4215

CHANGE OF LEVEL OF LAND
BULK EARTHWORKS-STAGE 01 & 02

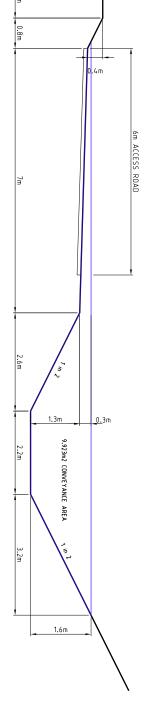
R. P. DESCRIPTION
LOT 8, NR153
MOSSMAN FARM

TYPICAL SECTION
SOUTH SIDE SWALE / ROAD PROFILE



TYPICAL SECTION

NORTH SIDE SWALE / ROAD PROFILE



0 0.5 1.0 1.5 2.0 2.5m Scale 1:50 - A1 (1:100 - A3)

GOLD COAST MARINE AQUACULTURE

CHANGE OF LEVEL OF LAND
BULK EARTHWORKS-STAGE 01 & 02

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307-01-091