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BRISBANE AIRPORT CORPORATION PTY. LTD

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[Inertia

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E mail: info@inertiaeng.com.au Fax: 2162 7355

Drawn
T REYNOLDS

Design Coordinated
T REYNOLDS

Authorised For Issue
S CLEMENTS

Checked
S CLEMENTS

Compliance Checked	
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Construction Checker	
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WALLENIS WILHELMSSEN WAREHOUSE
EST010, PRIORS ROAD, BRISBANE AIRPORT

SITE VEGETATION CLEARING PLAN



BRISBANE AIRPORT CORPORATION PTY LTD
11 THE CIRCLE SKYGATE
MELBOURNE AIRPORT QLD 4008
PO BOX 61 NARMFORD CENTRAL
QLD 4007 AUSTRALIA
T +61 (0)2 3406 2000
F +61 (0)2 3406 2115
E INFO@BAC.COM.AU
W WWW.BAC.COM.AU
869 54 075 870 652

Design Ref.	Project Ref.	Discipline	Airport Precinct	Sub-Number
Drg. No.	INE / 210075 /	C /	10 /	003

Scale	
1:750	
City	

Size	A1
Revision	

2
Sub-Number
003

MAIN MYRTLETOWN RD

TEMPORARY SITE ACCESS

LOCATION OF VIBRATION GRID TO BE
CONFIRMED ON SITE AS REQUIRED BY
CONTRACTOR FOR CONSTRUCTION
SEQUENCING - REFER TO DRAWING
C110 FOR DETAILS.

EXISTING SITE ACCESS FROM MAINTENANCE TRACK TO BE
UTILISED FOR INITIAL SITE ESTABLISHMENT WORKS.
AS PROJECT BULK EARTHWORKS ADVANCE MAINTENANCE
ACCESS AND ASSOCIATED ESC CONTROLS TO BE MODIFIED
WITH COORDINATION BETWEEN CPSC AND SITE FOREMAN.

SITE COMPOUND LOCATION

NOTE:
SEDIMENT FENCES ARE TO BE PLACED MIN. 2m FROM
TOE OF STOCKPILES AND SHOULD MINIMISE SEDIMENT
TRANSPORT TOWARDS INFILTRATION BASIN.

SEDIMENT FENCE TO BE INSTALLED
TO PERIMETER OF STOCKPILE AND
INFILTRATION ZONE. FENCE IS TO BE
PLACED MINIMUM OF 2m FROM TOE
OF STOCKPILES.

SEDIMENT FENCE TO BE INSTALLED
TO PERIMETER OF STOCKPILE

PROPOSED STOCKPILE AND
RE-INFILTRATION AREA

STOCKPILE TO BE SPRAYED WITH
SOIL BINDER OR COVERED PRIOR TO
FORECAST RAIN EVENTS DURING
CONSTRUCTION PHASE.

LONG TERM STOCKPILED MATERIAL TO
BE MULCHED AND OR HYDROSEEDING

DIVERSION DRAIN WITH CHECK
DAMS @ 40m SPACINGS. REFER
DRAWING "1110" FOR DETAILS.

OVERFLOW WEIR OUTLET OF DIVERSION DRAIN.
ROCK CHECK DAM TO BE INSTALLED
UPGRADIANT OF OVERFLOW WEIR

LEGEND

	SITE BOUNDARY
	EXISTING KERB
	EXISTING CONTOURS (AT 0.25m INTERVALS)
	EXISTING GAS
	EXISTING SEWERAGE
	EXISTING WATER
	EXISTING STORMWATER
	EXISTING TELSTRA
	SEDIMENT FENCE
	SURFACE FLOW DIRECTION
	DIVERSION DRAIN
	ROCK CHECK DAMS
	PROPOSED SITE COMPOUND
	PROPOSED STOCKPILE AND RE-INFILTRATION AREA
	PROPOSED STOCKPILE HAUL ACCESS ROAD

CONSTRUCTION NOTE:
ALL PROPOSED WORKS ARE TO BE CONSTRUCTED IN
CONJUNCTION WITH GENERAL NOTES ON DRG No.
C002 WHICH IS TO BE REQUESTED AND VIEWED
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CONTACT INERTIA ENGINEERING ON (07) 3857 7868.

NOTE:
1. FOR EROSION AND SEDIMENT CONTROL DETAILS AND NOTES
REFER DWG No's 110 TO 120
2. REFER IECA STANDARDS FOR BEST PRACTICE
REQUIREMENTS AND FOR FURTHER EROSION AND SEDIMENT
CONTROL DETAILS AND NOTES. THIS SUPERSEDES ANY
NOTES OR DETAILS SHOWN ON DESIGN DRAWINGS.
3. THE ENVIRONMENTAL PROTECTION ACT 1994 PLACES A
LEGAL RESPONSIBILITY UPON ALL PERSONS WHO CAUSE
LAND DISTURBANCE TO MINIMISE OR PREVENT
ENVIRONMENTAL HARM. PROPERTY DEVELOPERS,
CONTRACTORS AND CONSULTANTS ARE ALSO SUBJECT TO
REQUIREMENTS UNDER THE PLANNING ACT 2016. THIS
INCLUDES DEVELOPMENT CONDITIONS REQUIRING
ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES TO
BE IMPLEMENTED AND MAINTAINED ON CONSTRUCTION
SITES.

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SCALE 1:500 @ A1

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DRN	

AMENDMENTS

19/05/2021	H
29/04/2022	G
18/03/2022	F
03/03/2022	E
19/01/2022	D
01/12/2021	C
20/10/2021	B
	A

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Design Coordinated	Compliance Checked
TREYNOLDS	
Authorised For Issue	Construction Checked
S CLEMENTS	

WALLENUS WILHELMSEN WAREHOUSE
EST010, PRIORS ROAD, BRISBANE AIRPORT

EROSION AND SEDIMENT CONTROL
SITE ACCESS AND COMPOUND

Design Ref	Project Ref	Discipline	Approval	Sub-Number
Drg. No.	INE / 210075 /	C /	10 /	100

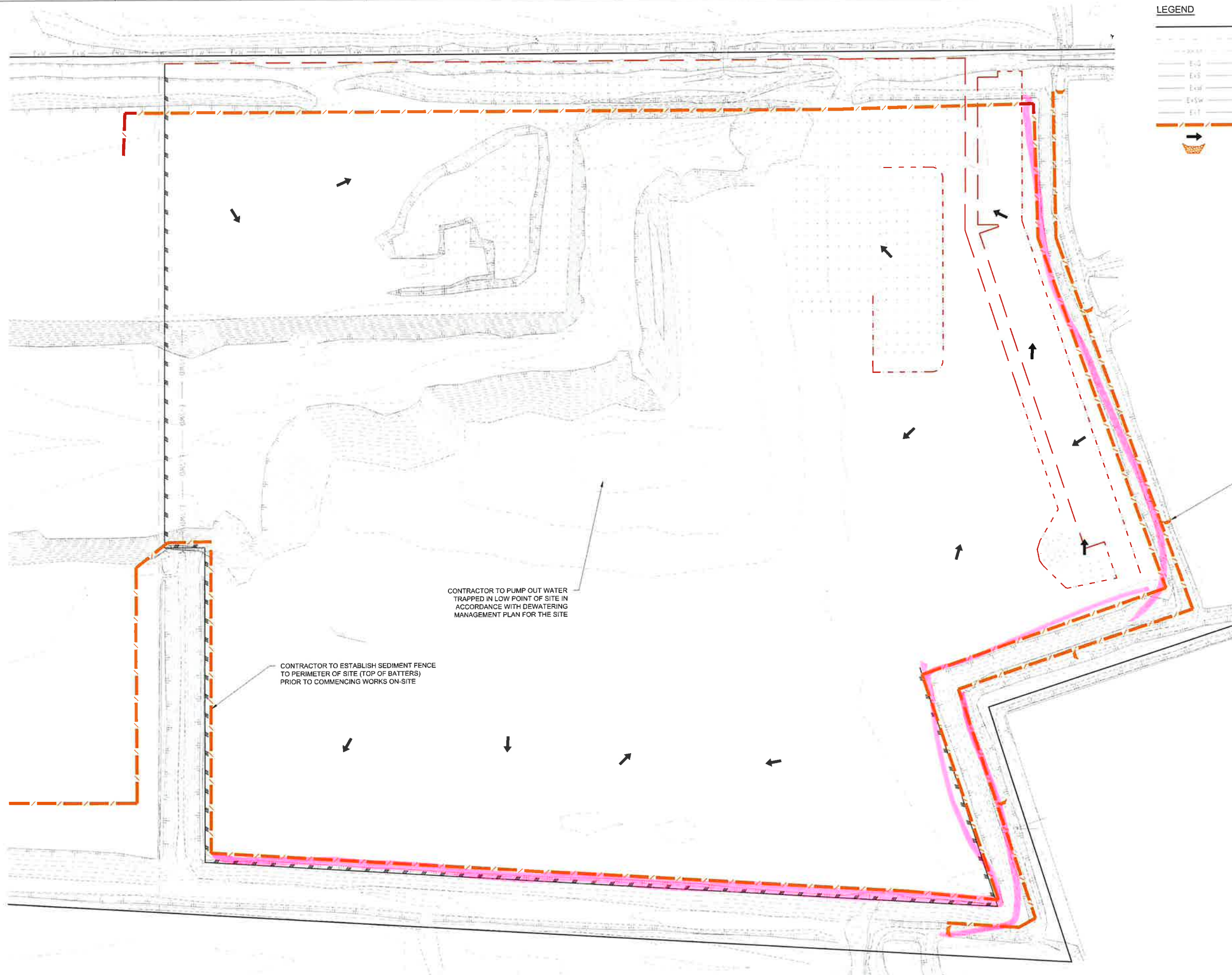
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Size: A1
Revision: H

Plot Date & Time: 10/03/2022 21:22:22 2 04 01 PM

1 2 3 4 5 6 7 8 9 10 11 12

LEGEND

- SITE BOUNDARY
- EXISTING KERB
- EXISTING CONTOURS (AT 0.25m INTERVALS)
- EXISTING GAS
- EXISTING SEWERAGE
- EXISTING WATER
- EXISTING STORMWATER
- EXISTING TELSTRA
- SEDIMENT FENCE
- SURFACE FLOW DIRECTION
- ROCK CHECK DAMS



CONTRACTOR TO PUMP OUT WATER TRAPPED IN LOW POINT OF SITE IN ACCORDANCE WITH DEWATERING MANAGEMENT PLAN FOR THE SITE

CONTRACTOR TO ESTABLISH SEDIMENT FENCE TO PERIMETER OF SITE (TOP OF BATTERS) PRIOR TO COMMENCING WORKS ON-SITE

ROCK CHECK DAMS ARE TO BE INSTALLED IN EXISTING DRAINAGE CHANNEL AND MUST ALLOW FOR TIDAL FLUCTUATIONS

CONSTRUCTION NOTE:

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NOTE:

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DRN

AMENDMENTS

26/04/2022 1
DATE REV

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Drawn
T REYNOLDS

Design Coordinated
T REYNOLDS

Authorised For Issue
S CLEMENTS

Checked
A KNIGHT

Compliance Checked

Construction Checked

WALLENIUS WILHELMSEN WAREHOUSE
EST010, PRIORS ROAD, BRISBANE AIRPORT

EROSION AND SEDIMENT CONTROL
PRE - DEVELOPMENT
LAYOUT PLAN

BRISBANE AIRPORT CORPORATION PTY LTD
15 THE CIRCLE, GAYDALE,
BRISBANE AIRPORT QLD 4008
PO BOX 911, HAMBURTON CENTRAL
QLD 4007 AUSTRALIA

T JR (07) 3857 7868
F JR (07) 3857 7868
E JR (07) 3857 7868
W JR (07) 3857 7868

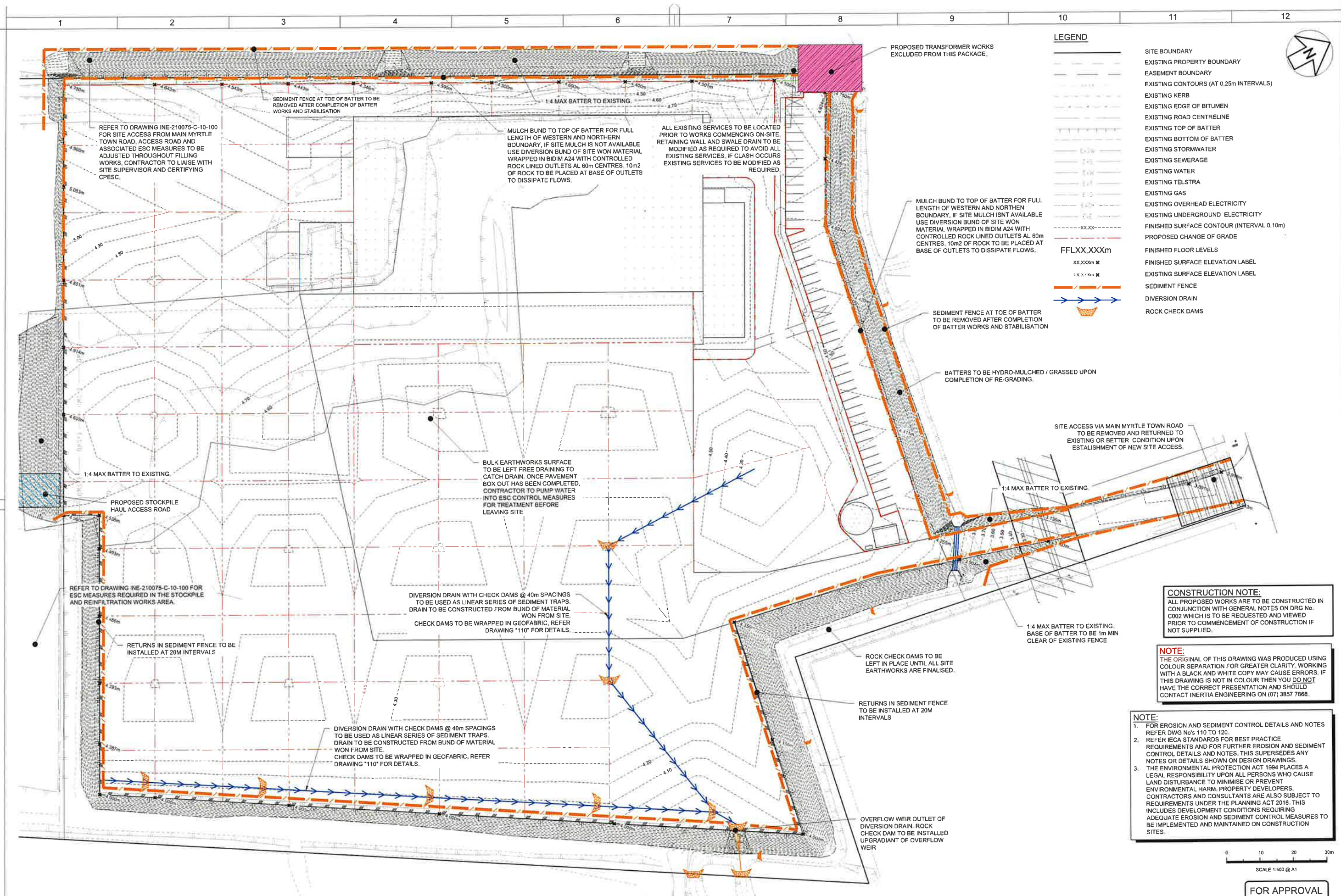
Design Ref: Project Ref: Discipline: Airport Precinct: Sub-Number

Dwg. No: INE / 210075 / C / 10 / 101

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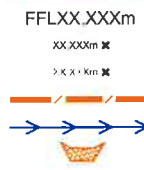
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LEGEND

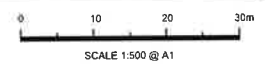
- SITE BOUNDARY
- EXISTING PROPERTY BOUNDARY
- EASEMENT BOUNDARY
- EXISTING CONTOURS (AT 0.25m INTERVALS)
- EXISTING KERB
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD CENTRELINE
- EXISTING TOP OF BATTER
- EXISTING BOTTOM OF BATTER
- EXISTING STORMWATER
- EXISTING SEWERAGE
- EXISTING WATER
- EXISTING TELSTRA
- EXISTING GAS
- EXISTING OVERHEAD ELECTRICITY
- EXISTING UNDERGROUND ELECTRICITY
- FINISHED SURFACE CONTOUR (INTERVAL 0.10m)
- PROPOSED CHANGE OF GRADE
- FINISHED FLOOR LEVELS
- FINISHED SURFACE ELEVATION LABEL
- EXISTING SURFACE ELEVATION LABEL
- SEDIMENT FENCE
- DIVERSION DRAIN
- ROCK CHECK DAMS



CONSTRUCTION NOTE:
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DRN			DATE	REV

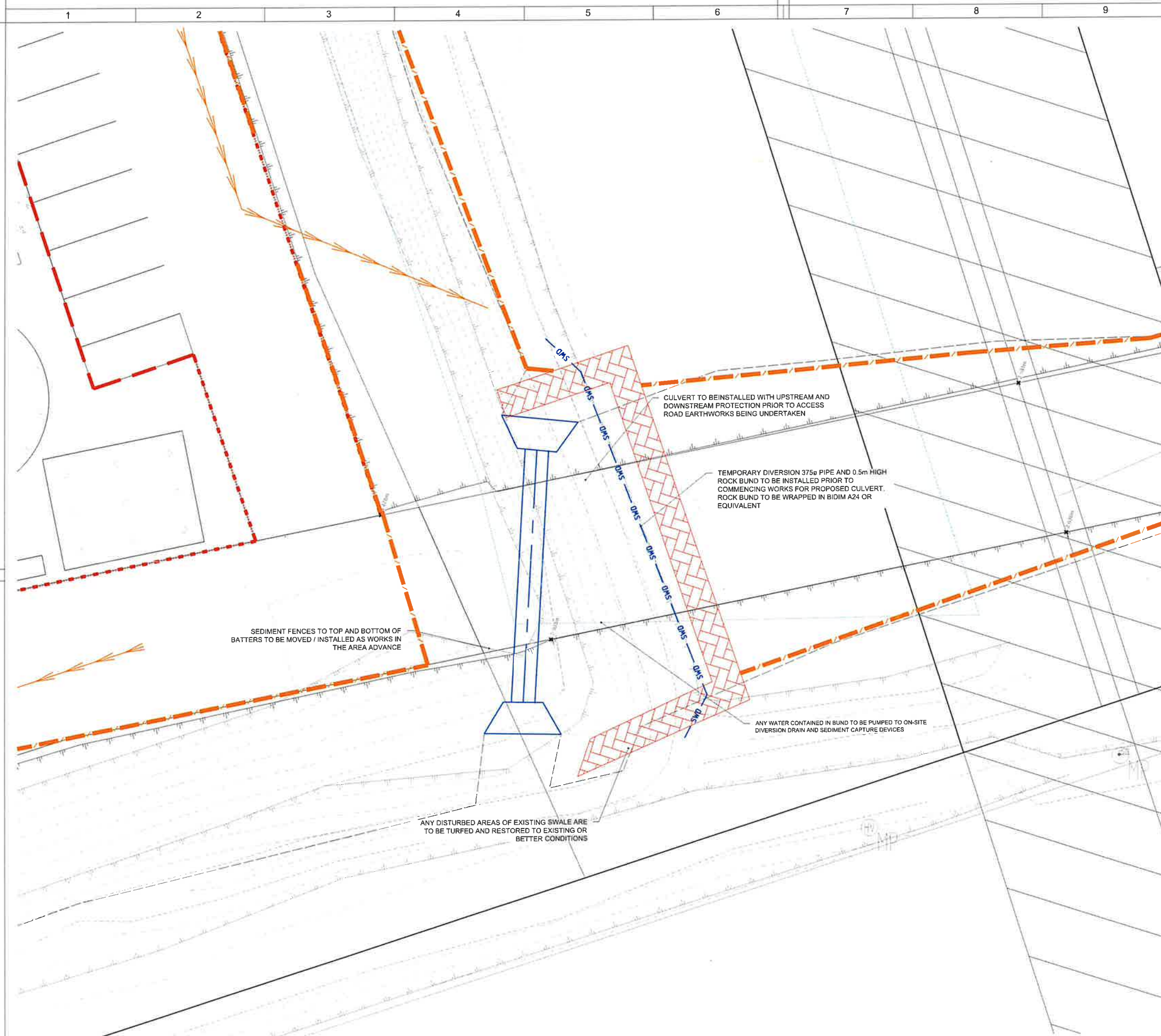


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Design Coordinated	T REYNOLDS	Compliance Checked	
Authorised For Issue	S CLEMENTS	Construction Checked	

WALLENIUS WILHELMSEN WAREHOUSE
EST010, PRIORS ROAD, BRISBANE AIRPORT

EROSION AND SEDIMENT CONTROL
COMPLETED EARTHWORKS STAGE

Design Ref	Project Ref	Discipline	Project Precinct	Sub-Number
Drg No.	INE / 210075 /	C /	10 /	103



LEGEND

- SITE BOUNDARY
- EXISTING PROPERTY BOUNDARY
- EASEMENT BOUNDARY
- EXISTING CONTOURS (AT 0.25m INTERVALS)
- EXISTING KERB
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD CENTRELINE
- EXISTING TOP OF BATTER
- EXISTING BOTTOM OF BATTER
- EXISTING STORMWATER
- EXISTING SEWERAGE
- EXISTING WATER
- EXISTING TELSTRA
- EXISTING GAS
- EXISTING OVERHEAD ELECTRICITY
- EXISTING UNDERGROUND ELECTRICITY
- FINISHED SURFACE CONTOUR (INTERVAL 0.10m)
- PROPOSED CHANGE OF GRADE
- FINISHED FLOOR LEVELS
- FINISHED SURFACE ELEVATION LABEL
- EXISTING SURFACE ELEVATION LABEL
- SEDIMENT FENCE
- PROPOSED STORMWATER PIPE
- PROPOSED CONCRETE CULVERT
- ROCK CHECK DAMS
- MULCH BUND

CONSTRUCTION NOTE:
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SCALE 1:100 @ A1

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Design Ref.	Project Ref.	Discipline	Approval	Sub-Number
Drg. No.	INE / 210075 /	C	10	105

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TJR	FOR CONSTRUCTION	28/04/2022	1
DRN		DATE	REV
AMENDMENTS			

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Email: info@inertiaengineering.com.au Fax: 3262 7359

Drawn	T REYNOLDS	Checked	A KNIGHT
Design Coordinated	T REYNOLDS	Compliance Checked	
Authorised For Issue	S CLEMENTS	Construction Checked	

WALLENIUS WILHELMSEN WAREHOUSE
EST010, PRIORS ROAD, BRISBANE AIRPORT

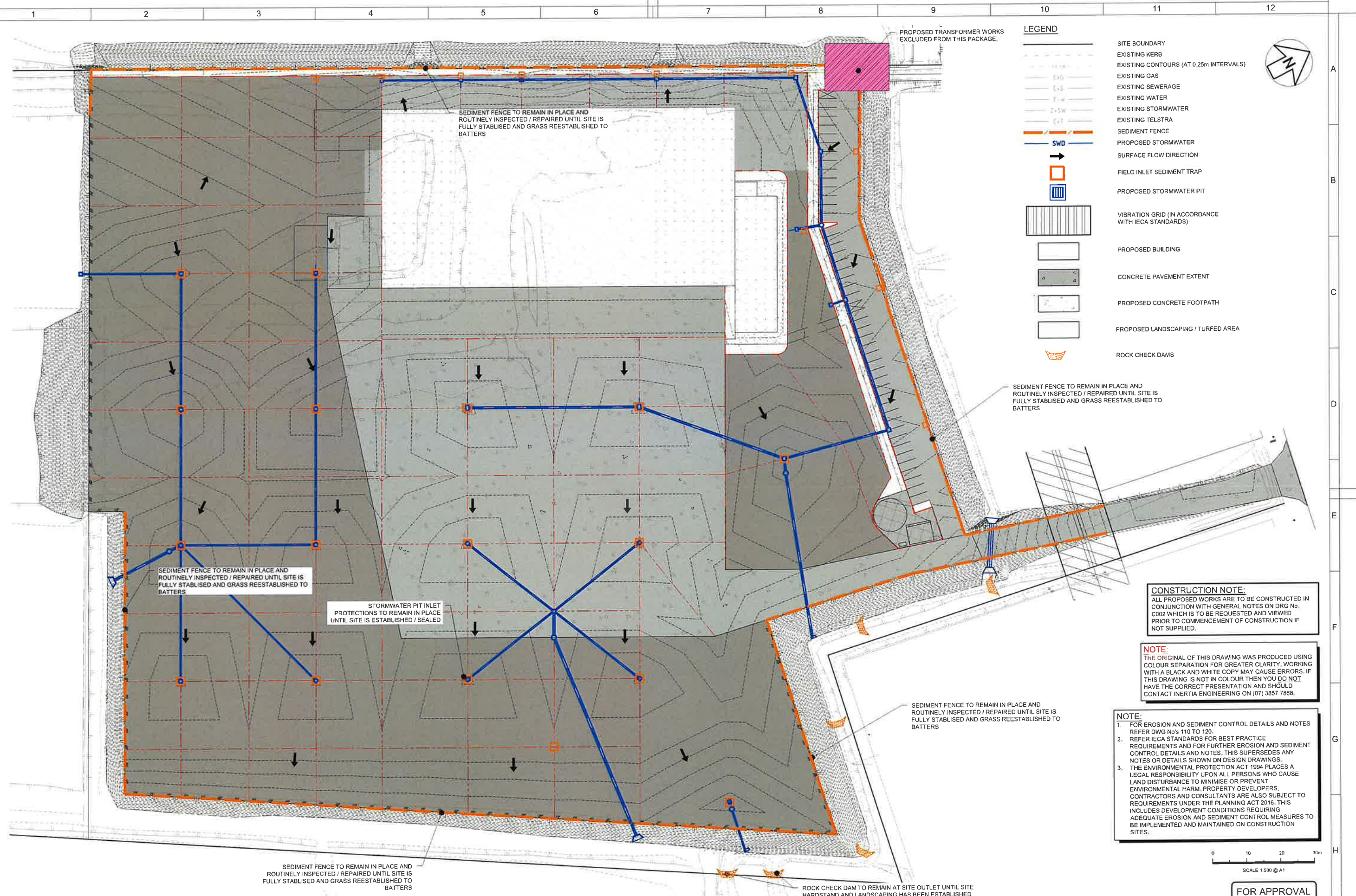
EROSION AND SEDIMENT CONTROL
CULVERT

BRISBANE AIRPORT CORPORATION PTY LTD
11 THE CIRCLE, SAHARIE
BRISBANE AIRPORT QLD 4008
PO BOX 81, PRIORS ROAD CENTRAL
SAHARIE QLD 4008 AUSTRALIA

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Scale	1:500
Size	A1
Revision	1

Design Ref.	Project Ref.	Discipline	Approval	Sub-Number
Drg. No.	INE / 210075 /	C	10	105



PROPOSED TRANSFORMER WORKS
EXCLUDED FROM THIS PACKAGE.

LEGEND

- SITE BOUNDARY
EXISTING KERB
EXISTING CONTOURS (AT 0.25m INTERVALS)
EXISTING GAS
EXISTING SEWERAGE
EXISTING WATER
EXISTING STORMWATER
EXISTING TELSTRA
SEDIMENT FENCE
PROPOSED STORMWATER
SURFACE FLOW DIRECTION
FIELD INLET SEDIMENT TRAP
PROPOSED STORMWATER PIT
VIBRATION GRID (IN ACCORDANCE
WITH IECA STANDARDS)
PROPOSED BUILDING
CONCRETE PAVEMENT EXTENT
PROPOSED CONCRETE FOOTPATH
PROPOSED LANDSCAPING / TURFED AREA
ROCK CHECK DAMS



SEDIMENT FENCE TO REMAIN IN PLACE AND
ROUTINELY INSPECTED / REPAIRED UNTIL SITE IS
FULLY STABILISED AND GRASS REESTABLISHED TO
BATTERS

SEDIMENT FENCE TO REMAIN IN PLACE AND
ROUTINELY INSPECTED / REPAIRED UNTIL SITE IS
FULLY STABILISED AND GRASS REESTABLISHED TO
BATTERS

SEDIMENT FENCE TO REMAIN IN PLACE AND
ROUTINELY INSPECTED / REPAIRED UNTIL SITE IS
FULLY STABILISED AND GRASS REESTABLISHED TO
BATTERS

STORMWATER PIT INLET
PROTECTIONS TO REMAIN IN PLACE
UNTIL SITE IS ESTABLISHED / SEALED

SEDIMENT FENCE TO REMAIN IN PLACE AND
ROUTINELY INSPECTED / REPAIRED UNTIL SITE IS
FULLY STABILISED AND GRASS REESTABLISHED TO
BATTERS

CONSTRUCTION NOTE:
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AMENDMENTS

26/04/2022	1
DATE	REV



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Design Coordinated T REYNOLDS	Compliance Checked
Authorised For Issue S CLEMENTS	Construction Checked

WALLENIUS WILHELMSSEN WAREHOUSE
EST010, PRIORS ROAD, BRISBANE AIRPORT

EROSION AND SEDIMENT CONTROL
POST - DEVELOPMENT
LAYOUT PLAN



	Design Ref.	Project Ref.	Discipline	Airport Precinct	Sub-Number
Org. No.	INE	/ 210075 /	C	/ 10	/ 106



LEGEND

- SITE BOUNDARY
- EXISTING PROPERTY BOUNDARY
- EASEMENT BOUNDARY
- EXISTING CONTOURS (AT 0.25m INTERVALS)
- EXISTING KERB
- EXISTING EDGE OF BITUMEN
- EXISTING ROAD CENTRELINE
- EXISTING TOP OF BATTER
- EXISTING BOTTOM OF BATTER
- EXISTING STORMWATER
- EXISTING SEWERAGE
- EXISTING WATER
- EXISTING TELSTRA
- EXISTING GAS
- EXISTING OVERHEAD ELECTRICITY
- EXISTING UNDERGROUND ELECTRICITY
- FINISHED SURFACE CONTOUR (INTERVAL 0.10m)
- PROPOSED CHANGE OF GRADE
- FINISHED FLOOR LEVELS
- FINISHED SURFACE ELEVATION LABEL
- EXISTING SURFACE ELEVATION LABEL
- PROPOSED BUILDING BY OTHERS

FFLXX.XXXm

XX.XXXm

XX.XXXm

CUT & FILL LEGEND		
MINIMUM ELEVATION	MAXIMUM ELEVATION	COLOUR
-3.500m	-2.000m	
-2.000m	-0.500m	
-0.500m	-0.050m	
0.050m	0.500m	
0.500m	1.000m	
1.000m	1.400m	

EARTHWORKS VOLUMES (EXISTING SURFACE TO EARTHWORKS SURFACE)	
TOTAL CUT	23.809m³
TOTAL FILL	6.786m³
TOTAL BALANCE (CUT TO SPOIL)	17.023m³

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- EARTHWORKS LEVELS**
- EARTHWORKS VOLUMES AND LEVELS BASED ON THE FOLLOWING:
 - FLEXIBLE PAVEMENT (HEAVY): 380mm THICK
 - FLEXIBLE PAVEMENT (LIGHT): 285mm THICK
 - CONCRETE (GROUND IMPROVED): 560mm THICK
 - CONCRETE PAVEMENT (NO GI): 320mm THICK
 - BUILDING SLAB: 165mm THICK +50mm BEDDING + 400mm THICK LTP
 - FIRE TANK & PUMP ROOM: 340mm THICK + 400mm THICK LTP
 - REFER STRUCTURAL DESIGN DRAWINGS AT DETAILED DESIGN STAGE FOR FINAL PAD THICKNESS.
 - REFER MENARDS GROUND IMPROVEMENT REPORTING FOR FINAL EXTENT OF LTP.
 - EARTHWORKS VOLUMES DO NOT ALLOW FOR ANY ADDITIONAL PRE-LOAD MATERIAL REQUIRED.
 - NO SITE TOPSOIL STRIP HAS BEEN ALLOWED FOR IN THE VOLUMES PROVIDED PER GEOTECHNICAL REPORT.



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AMENDMENTS		DATE	REV
TJR	FOR CONSTRUCTION - WESTERN BATTER UPDATE	21/06/2022	2
TJR	FOR CONSTRUCTION	26/04/2022	1
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Compliance Checked
Construction Checked

WALLENUS WILHELMSEN WAREHOUSE
EST010, PRIORS ROAD, BRISBANE AIRPORT
**BULK EARTHWORKS
LAYOUT PLAN**

BRISBANE AIRPORT CORPORATION PTY LTD 11 THE CIRCLE, DARVADE BRISBANE AIRPORT, QLD 4008 AUSTRALIA P +61 07 3857 7868 F +61 07 3857 7868 W www.bca.com.au A104 04 078 070 000		Scale 1:500 Size A1 Revision 2
Design Ref. Drg No.	Project Ref. INE / 210075 / C	Discipline C
Precedent 10	Sub-Number 200	

LEGEND

	SITE BOUNDARY
	EXISTING PROPERTY BOUNDARY
	EASEMENT BOUNDARY
	EXISTING CONTOURS (AT 0.25m INTERVALS)
	EXISTING KERB
	EXISTING EDGE OF BITUMEN
	EXISTING ROAD CENTRELINE
	EXISTING TOP OF BATTER
	EXISTING BOTTOM OF BATTER
	EXISTING STORMWATER
	EXISTING SEWERAGE
	EXISTING WATER
	EXISTING TELSTRA
	EXISTING GAS
	EXISTING OVERHEAD ELECTRICITY
	EXISTING UNDERGROUND ELECTRICITY
	FINISHED SURFACE CONTOUR (INTERVAL 0.10m)
	PROPOSED CHANGE OF GRADE
	FINISHED FLOOR LEVELS
	FINISHED SURFACE ELEVATION LABEL
	EXISTING SURFACE ELEVATION LABEL

CONSTRUCTION NOTE:

ALL PROPOSED WORKS ARE TO BE CONSTRUCTED IN CONJUNCTION WITH GENERAL NOTES ON DRG No. C002 WHICH IS TO BE REQUESTED AND VIEWED PRIOR TO COMMENCEMENT OF CONSTRUCTION IF NOT SUPPLIED.

NOTE:

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SCALE 1:500 @ A1

FOR APPROVAL

EXISTING PRE-LOAD PLATFORM
LEVEL RL 7.5 - 7.9 AD

EXISTING STORMWATER
CULVERT TO BE REMOVED.

CONTRACTOR TO ESTABLISH HAUL ROAD
BETWEEN SITE AND STOCKPILE AREA.

PROPOSED LOCATION FOR CUT TO STOCKPILE MATERIAL. IF
ADDITIONAL STOCKPILING AREA IS REQUIRED CONTRACTOR TO
CONFIRM LOCATION WITH BAC AND CERTIFYING ENGINEER.
ESC MEASURES REQUIRED TO EXTENT OF PROPOSED
STOCKPILE IN ACCORDANCE WITH APPROVED PLANS /
CERTIFYING ENGINEERS DIRECTION.

PROPOSED STOCKPILE MATERIAL MAX 3.5m
ABOVE EXISTING GROUND LEVELS.
STOCKPILE NOT TO EXCEED RL 7.9 AD

REFER BLUESPHERE REPORT "40132.06_RPT01" FOR
ASSOCIATED STOCKPILE REQUIREMENTS.

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SCALE 1:500

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DATUM -1.000

SECTION
SCALE 1:500

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TJR	FOR CONSTRUCTION - ADDITIONAL NOTES ADDED	19/05/2022	4
TJR	FOR CONSTRUCTION - ADDITIONAL NOTES ADDED	04/05/2022	3
TJR	FOR CONSTRUCTION - STOCKPILE SECTIONS ADDED	03/05/2022	2
TJR	FOR CONSTRUCTION	26/04/2022	1

AMENDMENTS

DATE REV

Inertia

John & J. 115-998 023 Phone: 3857 7868
E: info@inertiaengineering.com.au Fax: 3362 7339

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EST010, PRIORS ROAD, BRISBANE AIRPORT

PROPOSED EARTHWORKS
STOCKPILE LOCATION PLAN



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www.brisbaneairport.com.au

Design Ref: Project Ref: Discipline: Airport Precinct: Sub-Number

Drg No. INE / 210075 / C / 10 / 201

Scale

1:500

Size

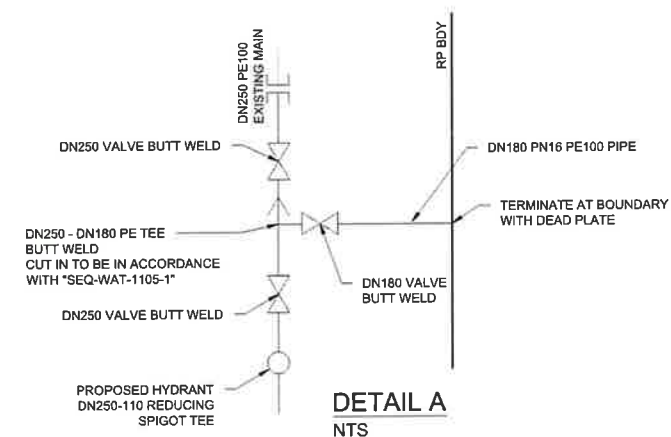
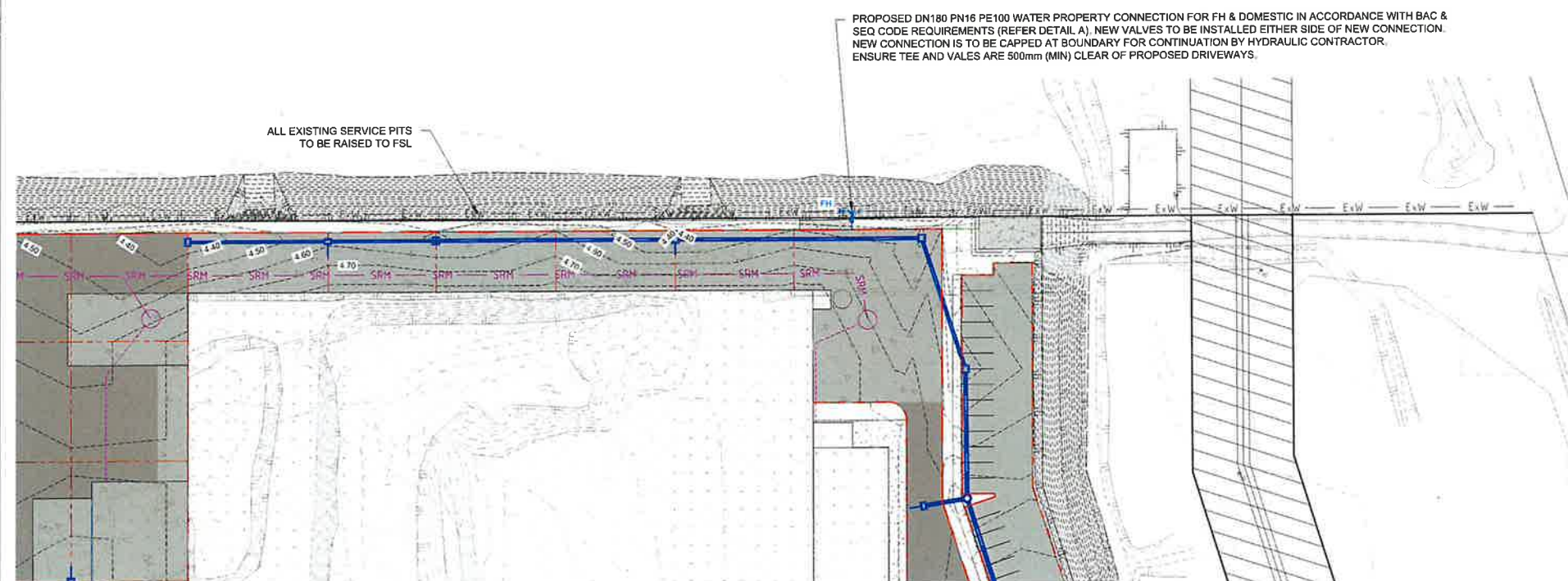
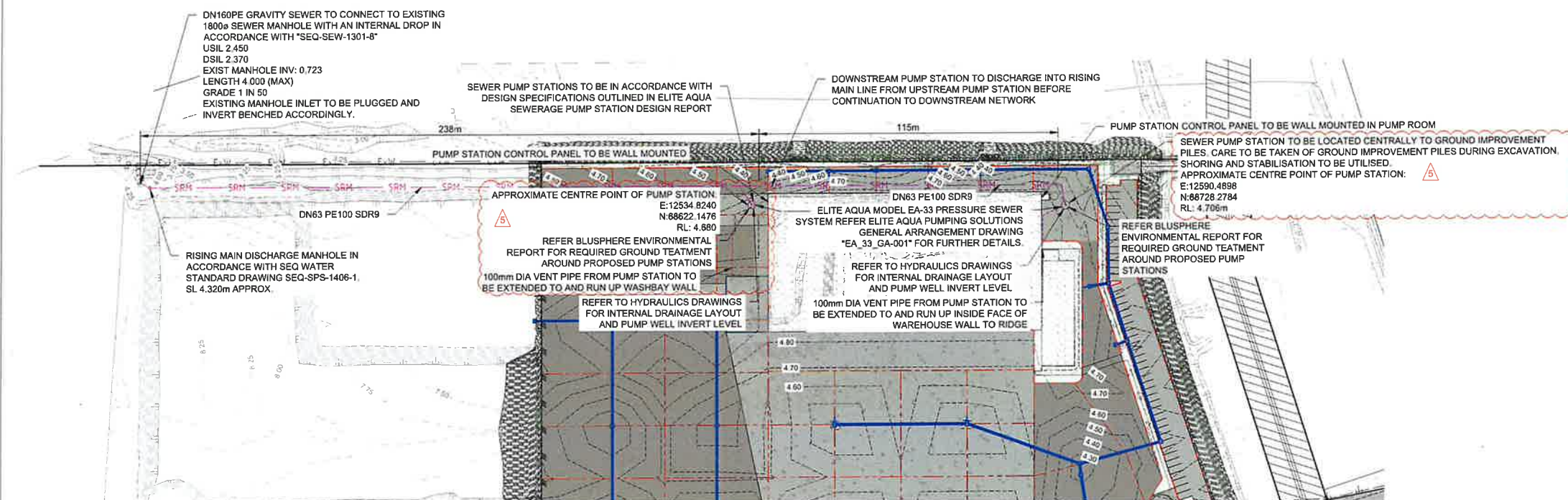
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Revision

4

Plot Date & Time: 25/10/2022 16:21:2022 2 07:37 PM

DRAINAGE PLAN No. :	N/A
OWNER :	BRISBANE AIRPORT CORPORATION
REAL PROPERTY DESCRIPTION :	LOT 10 ON SP 238997
SITE ADDRESS :	550 MAIN MYRTLETOWN ROAD BRISBANE AIRPORT QLD, 4008



WORK HEALTH AND SAFETY
ALL WATER AND SEWER CONSTRUCTION WORKS SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011. CONTACT THE DIVISION OF WORK HEALTH AND SAFETY FOR INFORMATION.
Phone: 1300 362 128

CCTV
CCTV IS TO BE CARRIED OUT FOR ALL SEWER MAINS OR ALL PROPERTY SERVICES THAT ARE 12m OR GREATER AND FOR REUSE OF PROPERTY SERVICES. CCTV REPORT AND FOOTAGE TO BE PROVIDED TO INERTIA AS PER SEQ CODE FORMAT AND REQUIREMENTS.

EXISTING SERVICES NOTE
EXISTING SERVICES MAY BE PLOTTED FROM BRISBANE AIRPORT CORPORATION RECORDS. LOCATION AND LEVEL OF ALL EXISTING SERVICES ARE ASSUMED AND ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING SERVICES WILL BE REPAIRED BY THE CONTRACTOR.

EXISTING PROPERTY CONNECTION
ANY EXISTING PROPERTY CONNECTIONS PROPOSED TO BE
ABANDONED ARE TO BE SEALED AT THE MAIN AND GROUT
FILLED OR REMOVED. ALLOW FOR ANY REQUIRED AUTHORITY
INSPECTIONS.

THRUST BLOCKS
THRUST BLOCKS TO BE IMPLEMENTED AT TEES, BENDS,
REDUCERS AND TAPERS AS PER WSAA/SEQ CODES
ALLOWING FOR A TEST PRESSURE OF 1200kPa

PRESSURE TESTING
ALL PROPERTY SERVICES ARE TO BE PRESSURE TESTED IN ACCORDANCE WITH SEQ WS&S D&C CODE AMENDMENTS TO WSA03-2011 V3.1. RESULTS TO BE PROVIDED TO SUPERINTENDENT.

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	TJR	FOR CONSTRUCTION - UPDATED PUMPSTATION LOCATION	03/08/2022	4
	TJR	FOR CONSTRUCTION - WESTERN BATTER UPDATE	21/06/2022	3
	TJR	FOR CONSTRUCTION - PUMP STATION LOCATION UPDATED	14/06/2022	2
	TJR	FOR CONSTRUCTION	26/04/2022	1
	DBN	AMENDMENTS	DATE	REV



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SERVICE CONNECTION LAYOUT PLAN

