MOOREBANK AVENUE

INFERRED EXISTING DRAINAGE SHOWN IN GREY

HEADWALL OUTLET STRUCTURE WITH RIP RAP ENERGY DISSIPATER. DETAILS T.B.C TYPICAL

GPT UNIT. ROCLA CDS1512 OR APPROVED EQUIVALENT.

BASIN 4 FSL RL 8.60

PROVIDE Ø900 STUB AT PIT IL. 5m LONG @ 0.5% MAX CATCHMENT = 3.68Ha

PROVIDE INTERNAL HIGH-FLOW/LOW-FLOW DIVERSION WEIR TO SEND LOW FLOWS TO GPT UNIT.

PROPOSED BIO-RETENTION BASIN 4
SURFACE AREA = 1 % OF CATCHMENT AREA (3.56ha)= 360m² MIN.
300mm MIN EXTENDED DETENTION DEPTH
500mm MIN FILTER MEDIA DEPTH
REFER TO DRAWING DWG-0432 FOR DETAILS

STORMWATER DRAINAGE HIGHLIGHTED TO BE CONSTRUCTED AS PART OF LPW INFRASTRUCTURE WORKS

EXISTING POND DISCHARGES TO RMS DRAINAGE VIA BOX CULVERT OVERFLOW

EXISTING POND

INDICATIVE FUTURE DRAINAGE LAYOUT SHOWN DASHED. TO FUTURE BUILDING DETAILED DESIGN. NOT FOR CONSTRUCTION

LOT 1
DRAINAGE LAYOUT TO BE CONFIRMED DURING DETAIL DESIGN WORKS. OUTSIDE OF GEORGIOU'S SCOPE OF WORKS.

MOOREBANK AVENUE ANZAC INTERSECTION (MAAI). REFER TO NORTHROP DRAWINGS.

MOOREBANK AVENUE/ANZAC ROAD DRAINAGE BY OTHERS

LOT 100
DRAINAGE LAYOUT TO BE CONFIRMED DURING DETAIL DESIGN WORKS. OUTSIDE OF GEORGIOU'S SCOPE OF WORKS.

INTERSTATE RAIL TERMINAL DRAINAGE BY OTHERS

INTERSTATE RAIL TERMINAL
DRAINAGE LAYOUT TO BE CONFIRMED DURING DETAIL DESIGN WORKS. OUTSIDE OF GEORGIOU'S SCOPE OF WORKS.

BAPAUME ROAD SITE DRAINAGE DISCHARGES TO NORTHROP DRAINAGE. INTERNAL DRAINAGE LAYOUT T.B.C. INVERT LEVEL T.B.C

ROUNDABOUT REFER TO NORTHROP DRAWINGS

INTS DIVERSION DRAINAGE DISCHARGES TO NORTHROP ROUNDABOUT INFRASTRUCTURE DRAINAGE. INVERT LEVEL 12.880 APPROX

EXTEND LOOP ROAD DRAINAGE PIPE 10m BEYOND LIMIT OF WORKS. CAP STUB FOR FUTURE CONNECTION.

LOOP ROAD & ROUNDABOUT DISCHARGE TO CRC DRAINAGE REFER TO NORTHROP DRAWINGS INVERT LEVEL 12.380

INTS DIVERSION DRAINAGE DISCHARGES TO NORTHROP ROUNDABOUT INFRASTRUCTURE DRAINAGE. INVERT LEVEL 12.460. CAP STUB FOR FUTURE CONNECTION.

LIMIT OF CONTRACT SCOPE. CH 69.737

BREAKLINE - REFER TO DRAWING 0403 FOR CONTINUATION

BREAKLINE - REFER TO DRAWING 402 FOR CONTINUATION

LEGEND:

LEVELS DATUM IS AHD.

EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY INFORMATION PROVIDED BY CARDNO DATED 05.08.2019

- SGGP, SINGLE GRATED GULLY PIT
- SJP, SEALED JUNCTION PIT
- KIP, KERB INLET PIT
- PROPOSED DRAINAGE LINE
- DRAINAGE LINE OUTSIDE GEORGIOU SCOPE
- OVERLAND FLOW DIRECTION
- 50.00 FINISHED PAVEMENT CONTOUR (MAJOR) 1.0m INTERVALS
- 50.25 FINISHED PAVEMENT CONTOUR (MINOR) 0.25m INTERVALS
- EXISTING CONTOUR (MINOR) 0.1m INTERVALS
- BIO-BANKING AREA
- CONSTRUCTION BOUNDARY

KEY PLAN
NTS

0401 0402 0403 0404 0405 0406 0407 0408 0409 0410 0411

STORMWATER DRAINAGE PLAN - SHEET 1
1:500 SCALE

5m 0 10 20 30 40 50m
1:500 SCALE AT A0 SHEET SIZE

FOR CONSTRUCTION

AMENDMENTS	DATE	ISSUE
REVISED AS CLOUDED	16.11.20	5
CONSTRAINTS MAPPING ADDED	04.11.20	4
BASIN 4 DESIGN INCLUDED	02.10.20	3
REVISED FOR RE-ALIGNED RING ROAD	10.07.20	2
REVISED FOR CHAMBER SIZES	15.05.20	1
ISSUED FOR CONSTRUCTION	30.04.20	0

AMENDMENTS	DATE	ISSUE
ISSUED FOR CONSTRUCTION	05.05.22	11
REVISED CROSSOVER LOCATION	14.05.21	10
REVISED ROAD CHAINAGES	18.02.21	9
REVISED NOTES AS CLOUDED	22.01.21	8
REVISED SPOT LEVELS	22.12.20	7
REVISED AS CLOUDED	24.11.20	6

DEVELOPER: MOOREBANK; QUBE

ARCHITECT: watson young

PROJECT MANAGER: J. WYNDHAM PRINCE
CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PROJECT: PRECINCT INFRASTRUCTURE WORKS WEST
MOOREBANK AVENUE, MOOREBANK

DESIGNED	DRAWN	DATE	CHECKED	SIZE	SCALE	CAD REF:
D.S.	D.S.	AUG 19	M.W.	A0	AS SHOWN	LPWPIW-COS-CV-DWG-0401

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PRECISION | COMMUNICATION | ACCOUNTABILITY

DRAWING TITLE: STORMWATER DRAINAGE PLAN SHEET 1

DRAWING No: LPWPIW-COS-CV-DWG-0401 ISSUE: 11