

STRUCTURE NAME	1/30	2/30	14/2
STRUCTURE DESCRIPTION	STD IPWEAQ 1200mm DIA MANHOLE WITH 600x600 FT GRATE SET WITH CONVERTOR SLAB	DRAINWAY SYSTEM ON GRADE L.I.L ON TOP OF ROCLA (OR EQUIV.) CPO PIT 2.4m KERB LINTEL (CLASS D) HINGED BIKESAFE GALV. GRATE	EXISTING STD IPWEAQ ACCESS CHAMBER 1500MM DIA

SHAFT/PIT BASE

IN FAVOURABLE GROUND CONDITIONS PROVIDE PRECAST CONCRETE ROCLA CPO PIT BASE (OR EQUIVALENT) TO SUIT SPECIFIED DIAMETER OF SHAFT UP TO 1200 DIA.

ALTERNATELY (OR EXCEEDING 1200 DIA) PROVIDE 250mm THICK CAST IN-SITU REINFORCED CONCRETE BASE, 2 LAYERS SL82 MESH ON 50MM THICK BLINDING CONCRETE

CONVERTER SLAB TABLE

SHAFT	OFFSET
1200	475
1350	550
1500	625
1800	775
2100	925

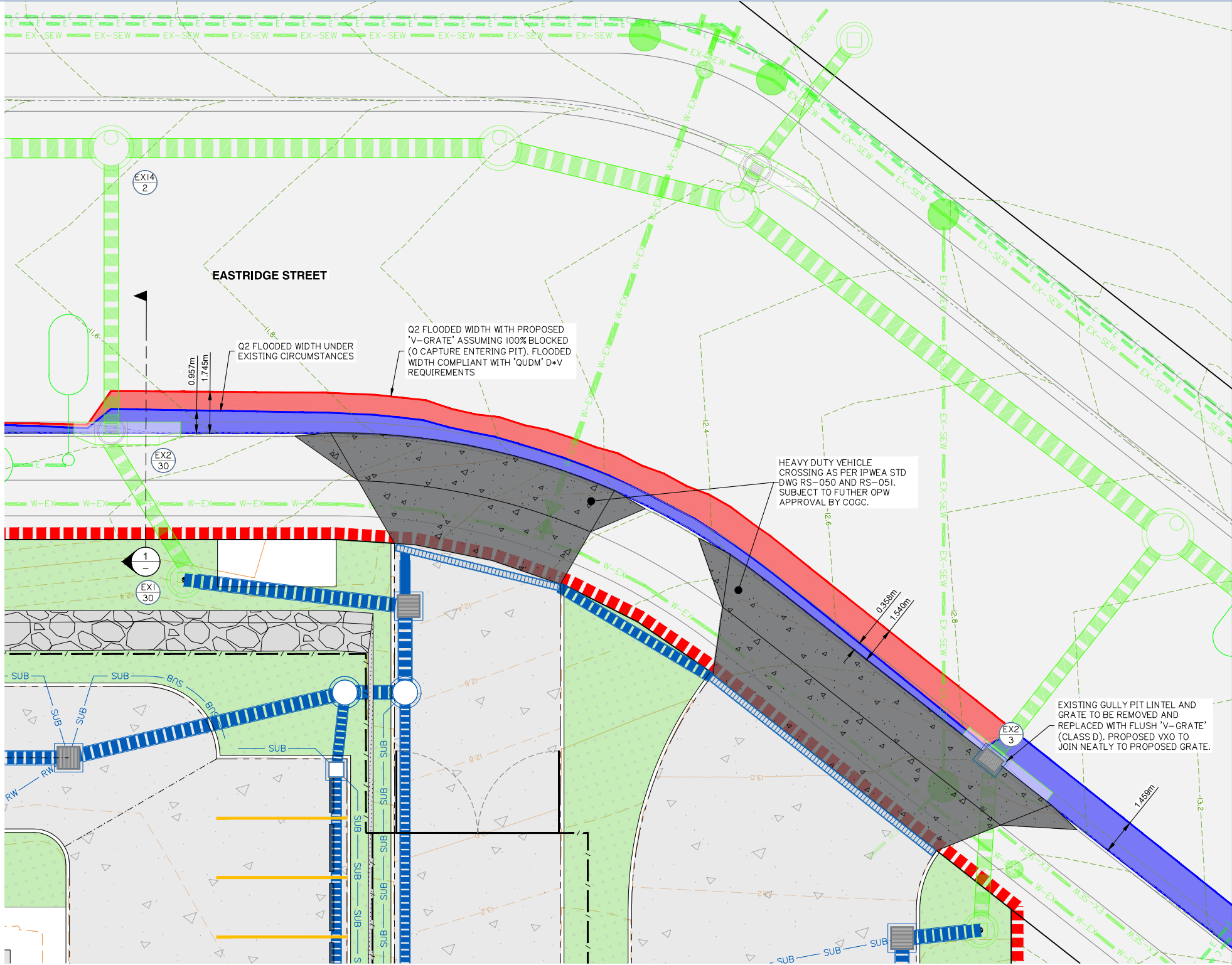
NOTE: PROVIDE DRAINWAY CONVERTER SLAB FOR CPO PITS 1200ø, 1500ø, 1800ø

PIPE / BOX SIZE (mm)	600	600
TYPE / CLASS	3	3
PIPE / BOX GRADE (%)	0.49%	0.50%
PIPE / BOX SLOPE (1 in X)	205.3	198.1
PIPE / BOX FLOW (cumecs) (39% AEP)	0.192	0.245
CAPACITY FLOW (cumecs)	0.464	0.473
PIPE / BOX FLOW VELOCITY (m/s)	0.68	0.87
CAPACITY FLOW VELOCITY (m/s)	1.56	1.69

DATUM RL

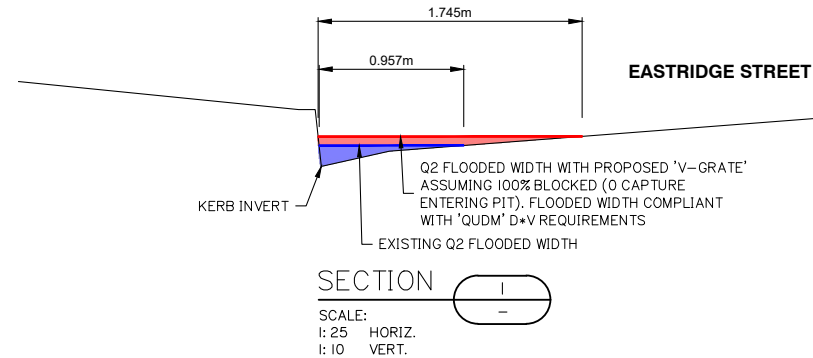
HGL ELEVATION (39% AEP)	10.485	10.364	10.359	10.314	10.299	10.160
DEPTH TO INVERT		2.884	2.177	2.257	2.398	2.465
INVERT LEVEL OF DRAIN		9.328	9.299	9.219	9.164	9.097
FINISHED SURFACE LEVEL	12.212		11.476		11.562	
SETOUT COORDINATES	2345.445 E 6976.486 N		2339.779 E 6980.318 N		2333.914 E 6980.905 N	
CHAINAGES	0.000	5.870	6.887	10.936	18.991	

LINE30



LAYOUT PLAN

SCALE 1: 100



SECTION

SCALE:
1: 25 HORIZ.
1: 10 VERT.

STORMWATER FLOODED WIDTH ANALYSIS



planning | environment | landscape | engineering | survey
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Client:



McNab Developments
(QLD) Pty Ltd

Project:

WAREHOUSE
DEVELOPMENT

Site Address:

10 HOMESTEAD DRIVE,
STAPYLTON, QLD

RPD:

Lot: 122
Plan: SP329476
Local Authority: CoGC

Level Datum: AHD
Meridian: -
PSM: -
RL: -

ISSUED FOR
CONSTRUCTION

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THIS DRAWING IS INTENDED TO BE PRINTED IN COLOUR.
ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH GENERAL NOTES.

Drawing Title:

STORMWATER FLOODED
WIDTH ANALYSIS

Rev	Date	Description	JH	MG
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DIMENSIONS IN METRES EXCEPT WHERE SHOWN OTHERWISE
CULVERT AND PIPE SIZES IN MILLIMETRES

A1 UNREDUCED
A3 REDUCED

Scale:



PROJECT NORTH POINT



Project No. 6182	
Designed: JH	Drafted: ML
Approved:	MG
RPEQ	16939
Signed:	
Date:	15/01/2025
Drawing No. 6182 ENG CW 560	Revision A