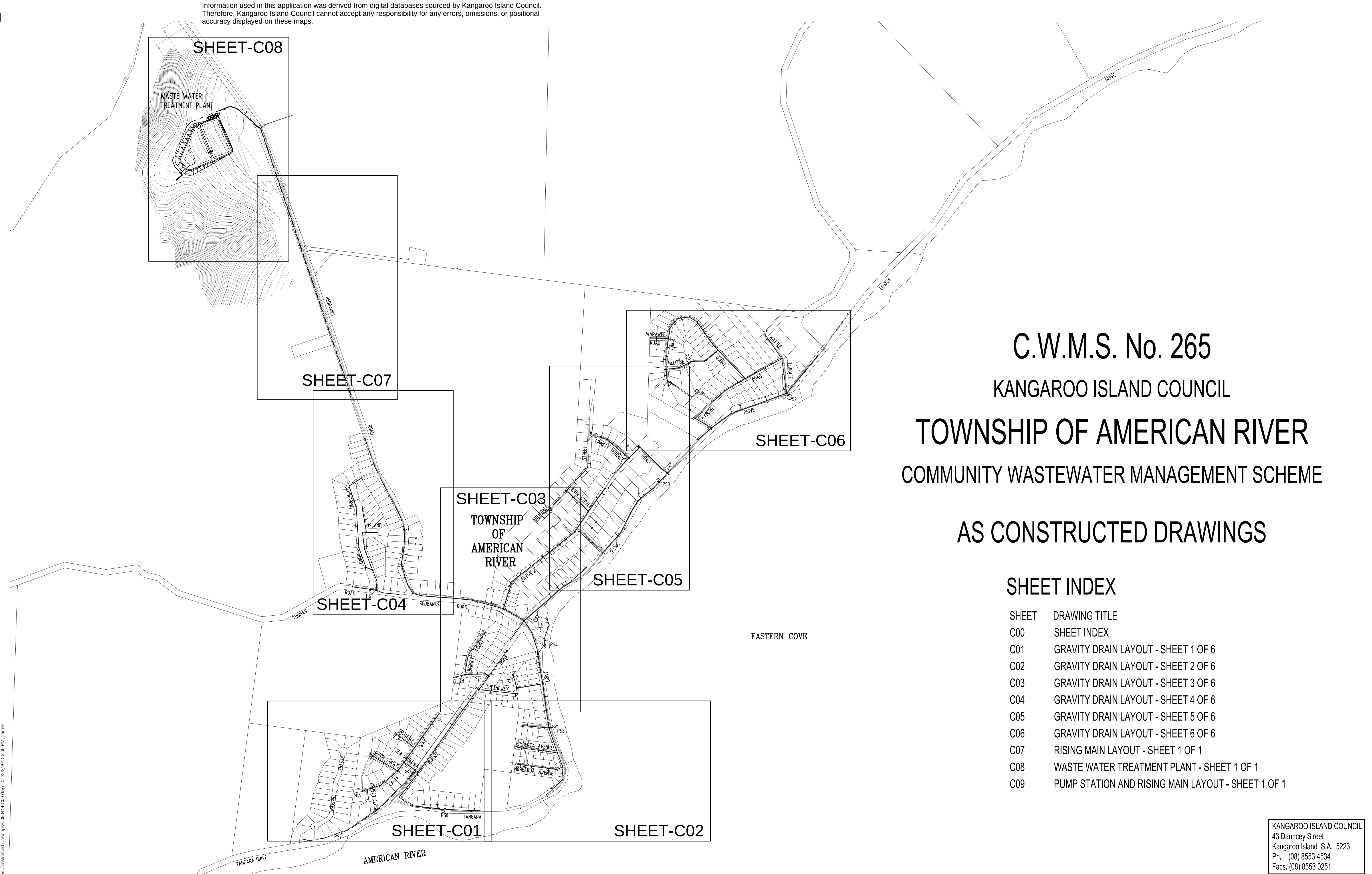




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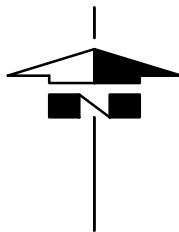
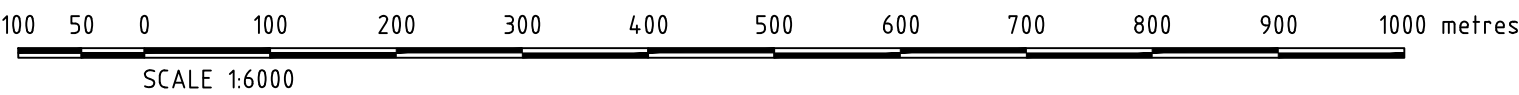
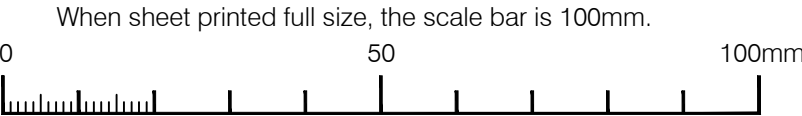
C.W.M.S. No. 265
KANGAROO ISLAND COUNCIL
TOWNSHIP OF AMERICAN RIVER
COMMUNITY WASTEWATER MANAGEMENT SCHEME
AS CONSTRUCTED DRAWINGS

SHEET INDEX

SHEET	DRAWING TITLE
C00	SHEET INDEX
C01	GRAVITY DRAIN LAYOUT - SHEET 1 OF 6
C02	GRAVITY DRAIN LAYOUT - SHEET 2 OF 6
C03	GRAVITY DRAIN LAYOUT - SHEET 3 OF 6
C04	GRAVITY DRAIN LAYOUT - SHEET 4 OF 6
C05	GRAVITY DRAIN LAYOUT - SHEET 5 OF 6
C06	GRAVITY DRAIN LAYOUT - SHEET 6 OF 6
C07	RISING MAIN LAYOUT - SHEET 1 OF 1
C08	WASTE WATER TREATMENT PLANT - SHEET 1 OF 1
C09	PUMP STATION AND RISING MAIN LAYOUT - SHEET 1 OF 1

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C.W.M.S. LAYOUT PLAN



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Date.....Signed.....

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AMERICAN RIVER CWMS No. 265
C.W.M.S. LAYOUT PLAN
SHEET INDEX

A1

Design
MW

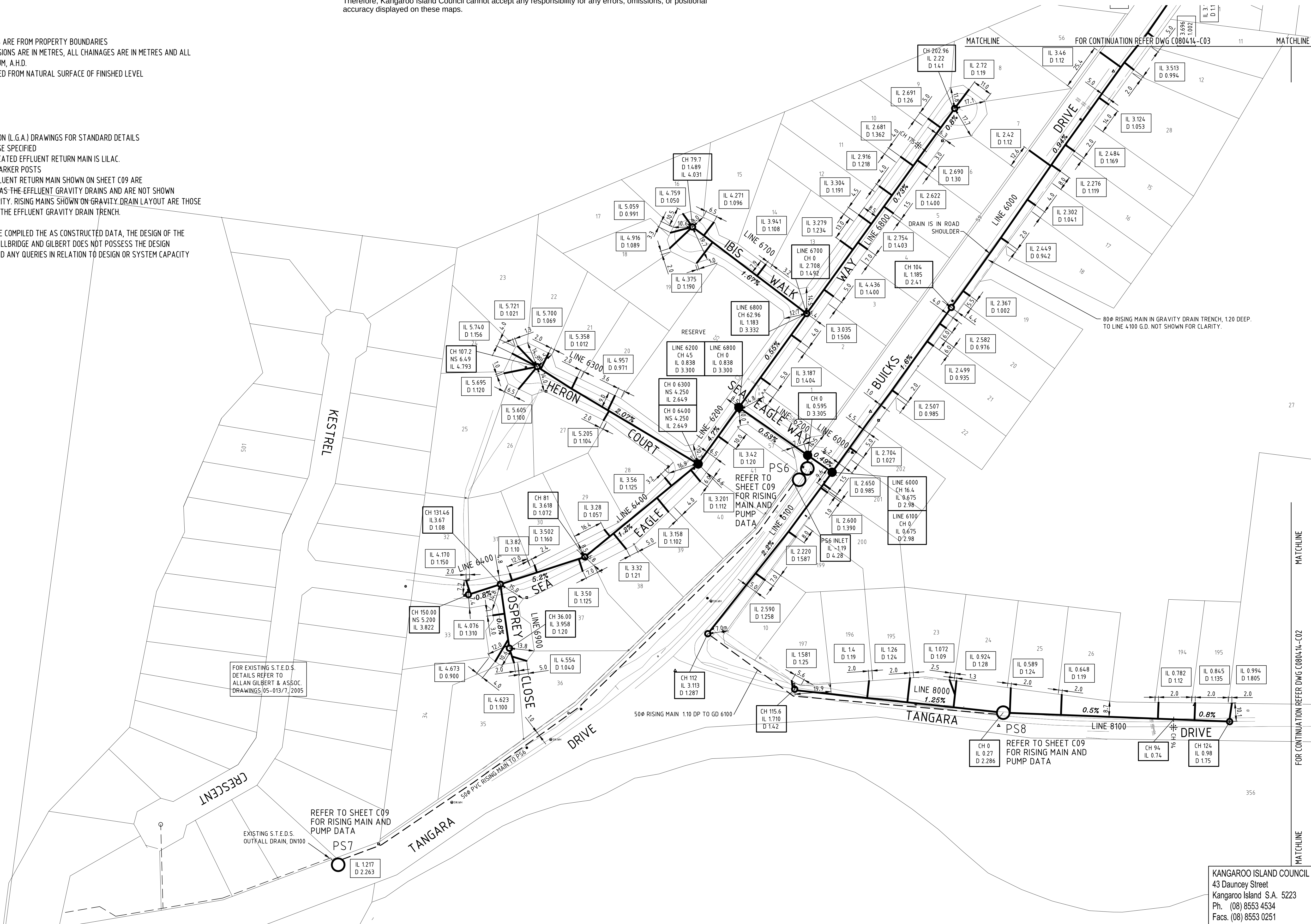
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Job Number Sheet No. Rev.
C080414 C00 B

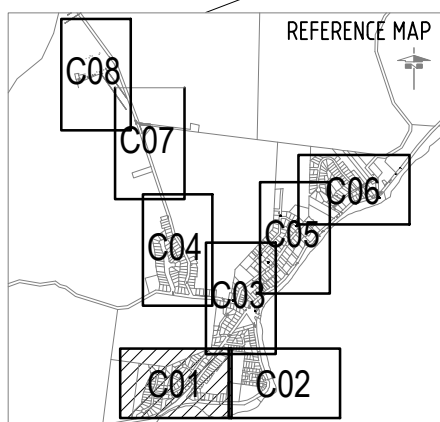
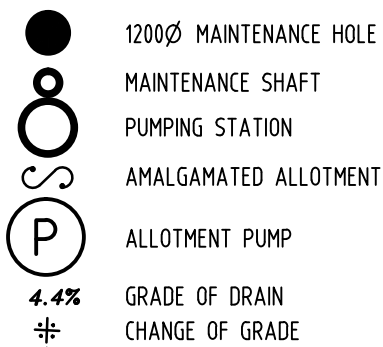
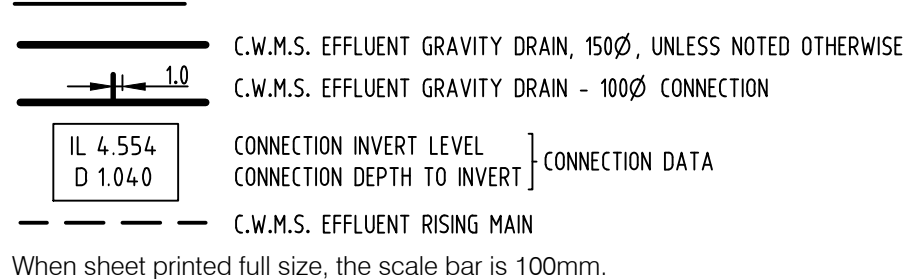
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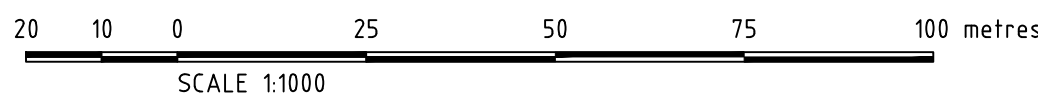
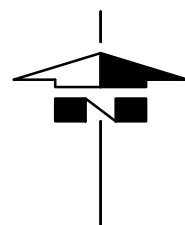
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GRAVITY DRAIN LAYOUT



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AMERICAN RIVER C.W.M.S. No. 265
GRAVITY DRAIN LAYOUT
SHEET 1 OF 6

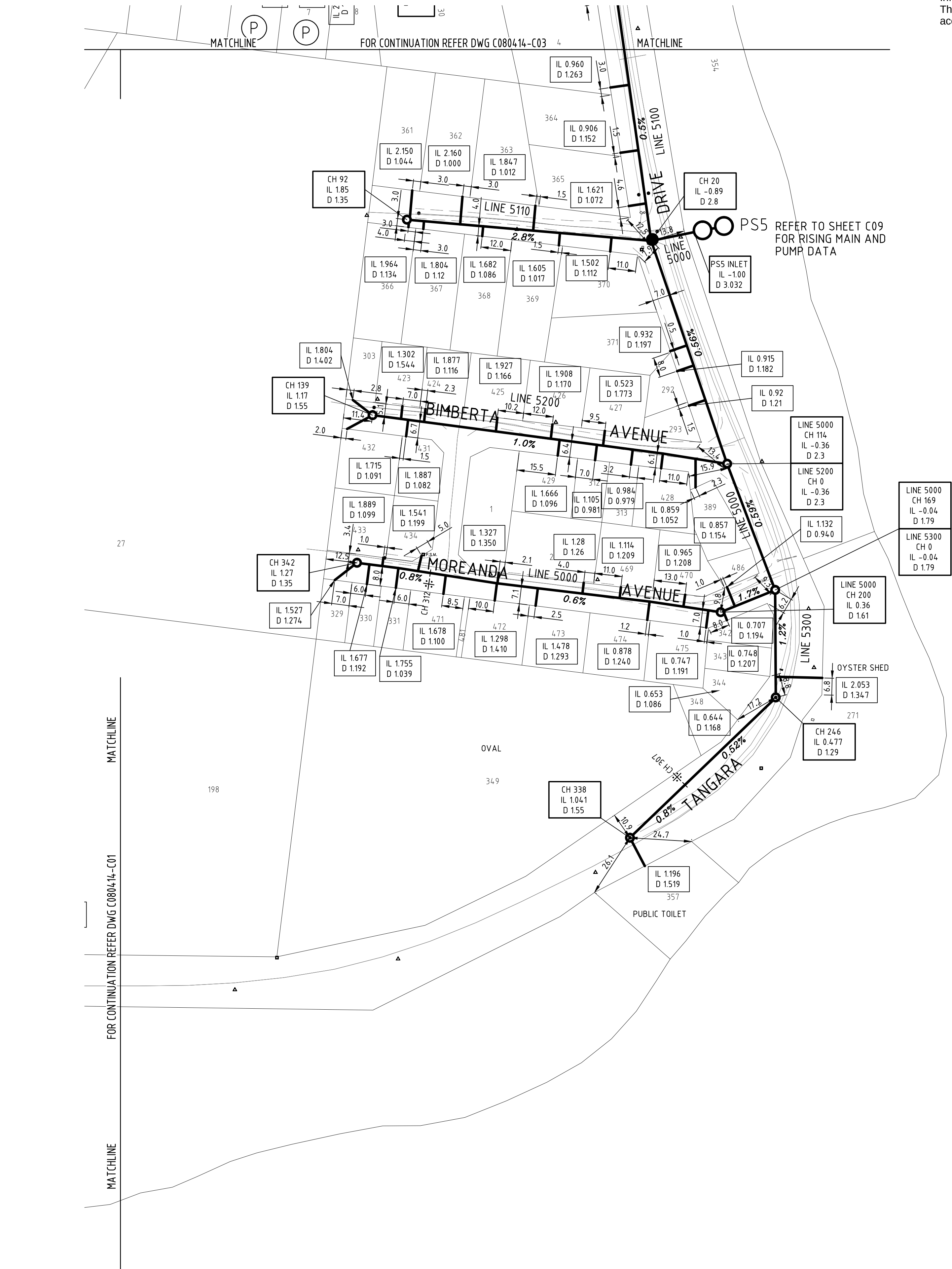
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	Job Number	Sheet No.	Revisions
Design MW	Drawn JPF	C080414	C01 E

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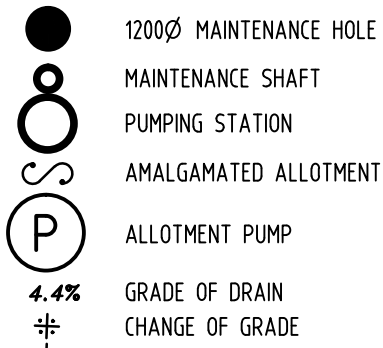
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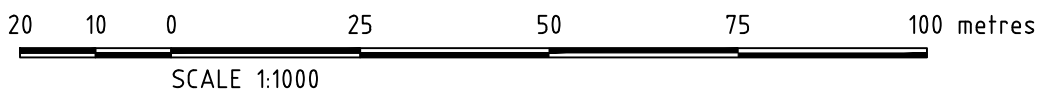


LEGEND

- 1200Ø MAINTENANCE HOLE
MAINTENANCE SHAFT
PUMPING STATION
AMALGAMATED ALLOTMENT
ALLOTMENT PUMP
GRADE OF DRAIN
CHANGE OF GRADE
- C.W.M.S. EFFLUENT GRAVITY DRAIN, 150Ø, UNLESS NOTED OTHERWISE
C.W.M.S. EFFLUENT GRAVITY DRAIN - 100Ø CONNECTION
CONNECTION INVERT LEVEL
CONNECTION DEPTH TO INVERT } CONNECTION DATA
C.W.M.S. EFFLUENT RISING MAIN
- When sheet printed full size, the scale bar is 100mm.



GRAVITY DRAIN LAYOUT



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GRAVITY DRAIN LAYOUT
SHEET 2 OF 6

A1
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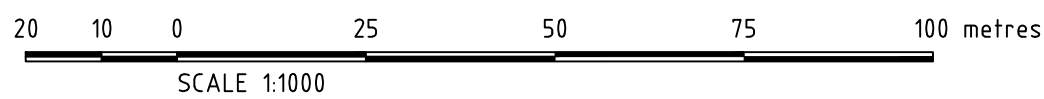
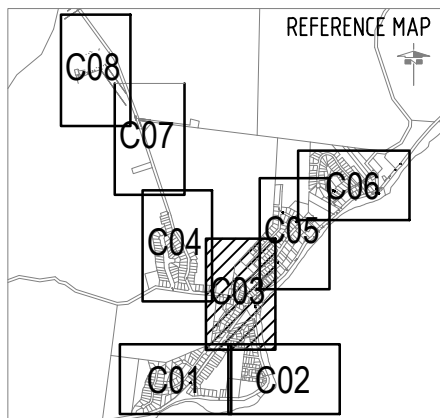
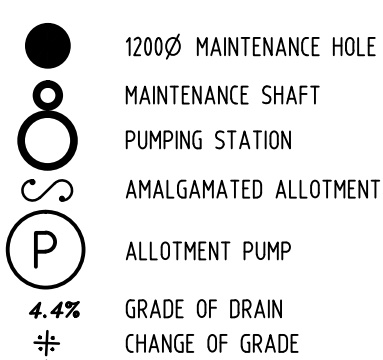
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DN100 1.1m
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 C.W.M.S. EFFLUENT GRAVITY DRAIN - 100Ø CONNECTION
 IL 4.554
 D 1.040
 CONNECTION INVERT LEVEL
 CONNECTION DEPTH TO INVERT } CONNECTION DATA
 C.W.M.S. EFFLUENT RISING MAIN

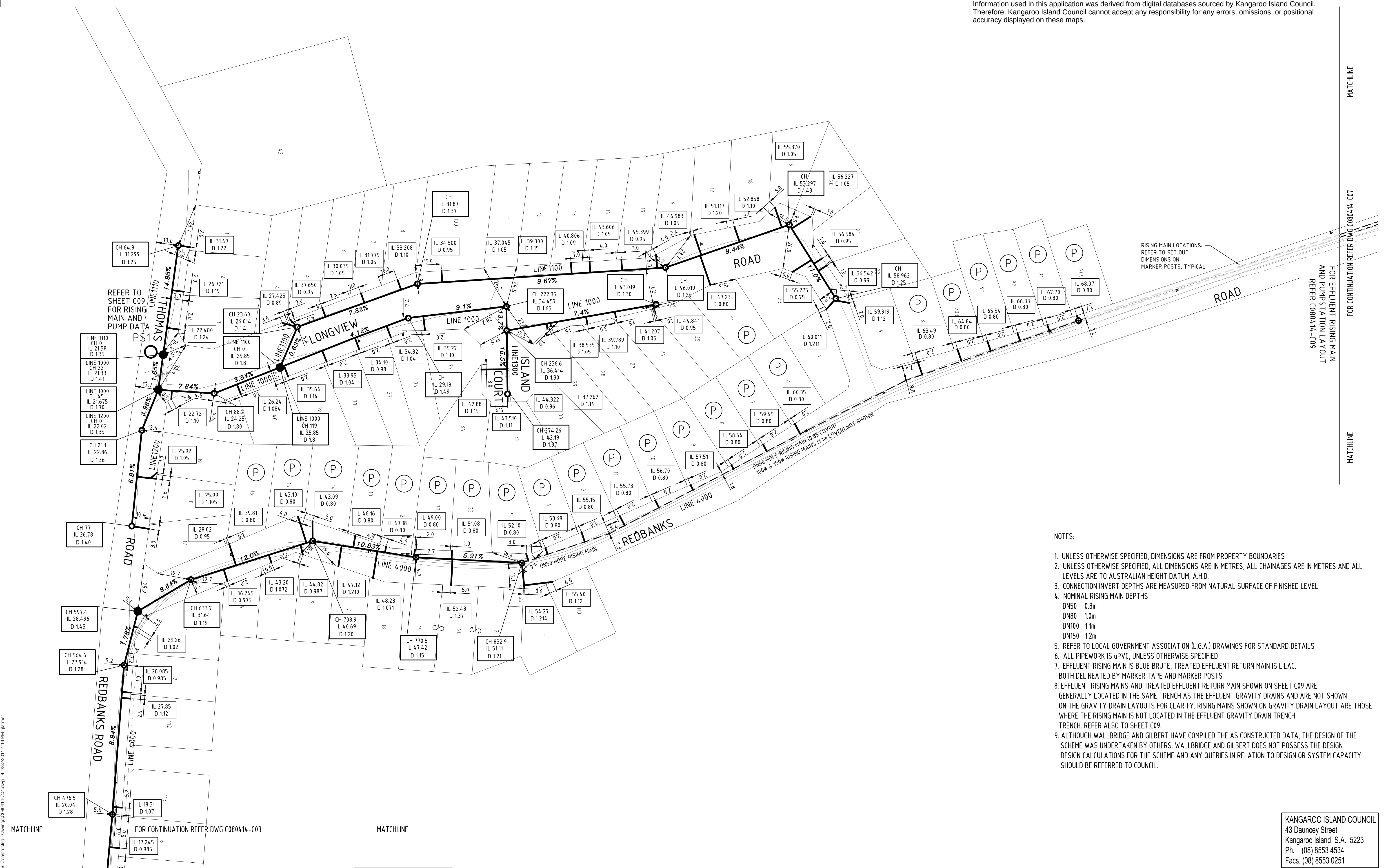


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LEGEND

C.W.M.S. EFFLUENT GRAVITY DRAIN, 150Ø, UNLESS NOTED OTHERWISE

C.W.M.S. EFFLUENT GRAVITY DRAIN - 100Ø CONNECTION

CONNECTION INVERT LEVEL
CONNECTION DEPTH TO INVERT

C.W.M.S. EFFLUENT RISING MAIN

When sheet printed full size, the scale bar is 100mm.

1200Ø MAINTENANCE HOLE

MAINTENANCE SHAFT

PUMPING STATION

AMALGAMATED ALLOTMENT

ALLOTMENT PUMP

GRADE OF DRAIN

CHANGE OF GRADE

4.4%

20 10 0 25 50 75 100 metres

SCALE 1:1000

REFERENCE MAP

C08 C07 C06 C05 C04 C03 C02 C01

GRAVITY DRAIN LAYOUT

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AMERICAN RIVER CWMS No. 265

GRAVITY DRAIN LAYOUT

SHEET 4 OF 8

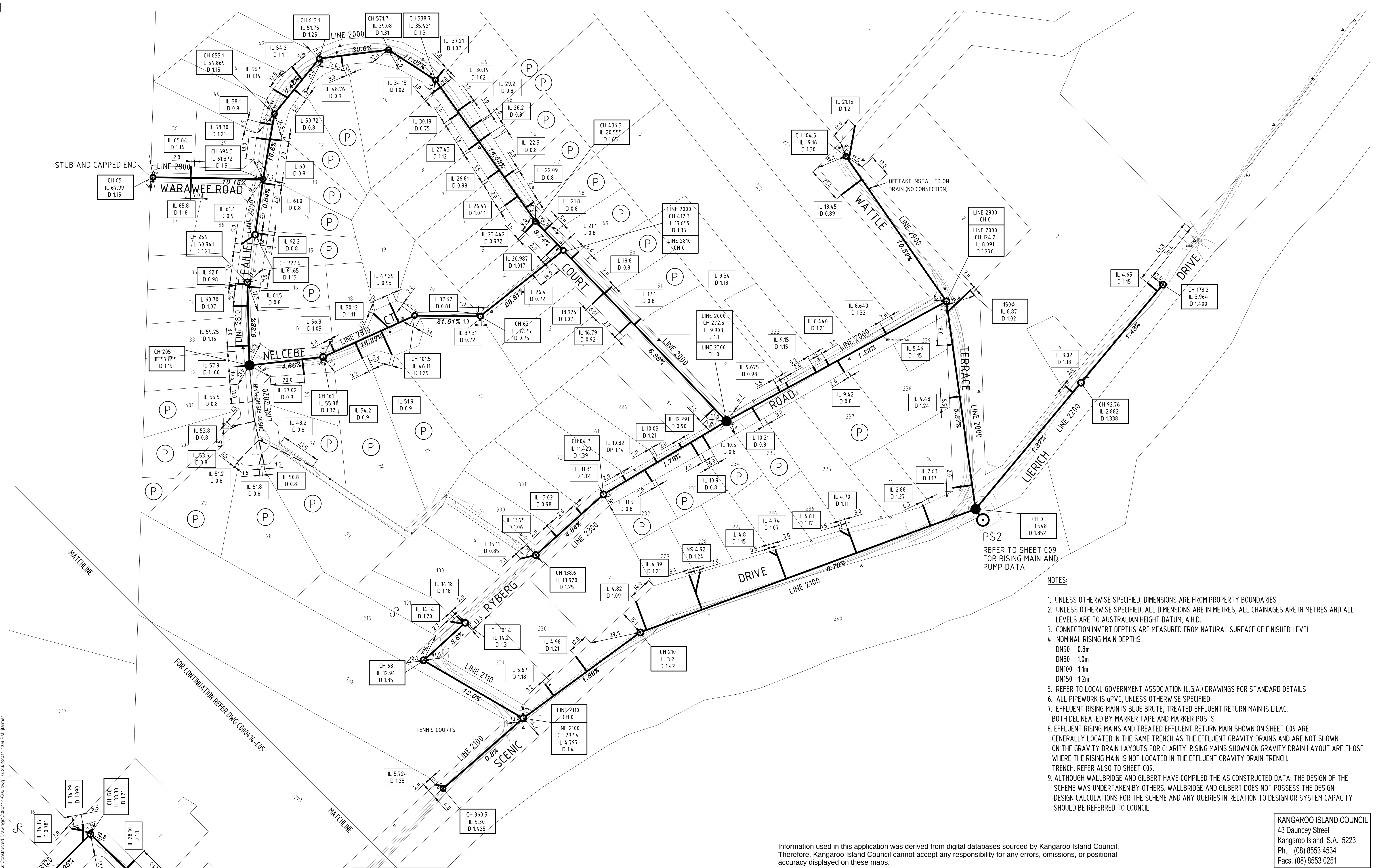
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C080414 C04 B



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LEGEND

● 1200mm MAINTENANCE HOLE
○ MAINTENANCE SHAFT
○ PUMPING STATION
○ AMALGAMATED ALLOTMENT
○ ALLOTMENT PUMP
- - - GRADE OF DRAIN
- - - CHANGE OF GRADE

— C.W.M.S. EFFLUENT GRAVITY DRAIN, 150mm, UNLESS NOTED OTHERWISE
— C.W.M.S. EFFLUENT GRAVITY DRAIN - 100mm CONNECTION
— CONNECTION INVERT LEVEL
— CONNECTION DEPTH TO INVERT } CONNECTION DATA
— C.W.M.S. EFFLUENT RISING MAIN

When sheet printed full size, the scale bar is 100mm.

0 50 100mm

GRAVITY DRAIN LAYOUT

20 10 0 25 50 75 100 metres

SCALE 1:1000

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GRAVITY DRAIN LAYOUT
SHEET 6 OF 6

A1

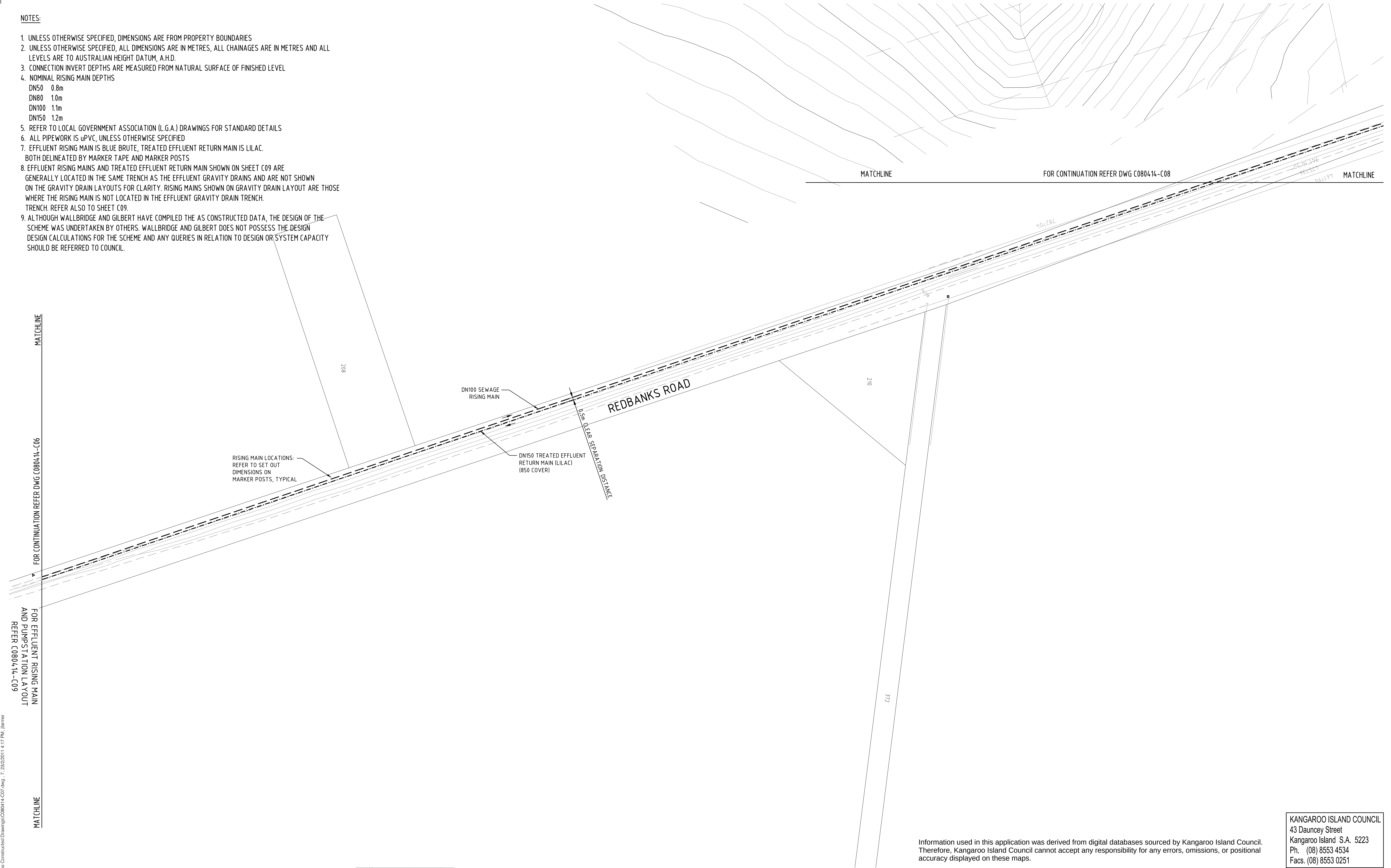
Design
MW

Drawn
JPF

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C080414 C06 B

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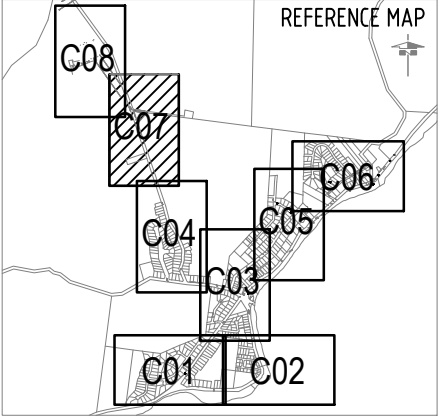
LEGEND

1200Ø MAINTENANCE HOLE
MAINTENANCE SHAFT
PUMPING STATION
AMALGAMATED ALLOTMENT
ALLOTMENT PUMP
GRADE OF DRAIN
CHANGE OF GRADE
TREATED EFFLUENT RETURN MAIN (LILAC)

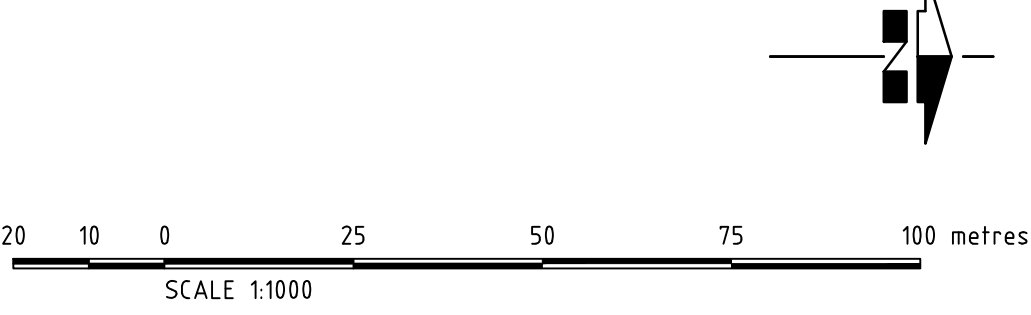
C.W.M.S. EFFLUENT GRAVITY DRAIN, 150Ø, UNLESS NOTED OTHERWISE
C.W.M.S. EFFLUENT GRAVITY DRAIN - 100Ø CONNECTION
CONNECTION INVERT LEVEL
CONNECTION DEPTH TO INVERT } CONNECTION DATA
C.W.M.S. EFFLUENT RISING MAIN

When sheet printed full size, the scale bar is 100mm.

0 50 100mm



RISING MAIN LAYOUT



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trading as Wallbridge & Gilbert

KANGAROO ISLAND COUNCIL
AMERICAN RIVER CWMS No. 265
RISING MAIN LAYOUT
SHEET 1 OF 1

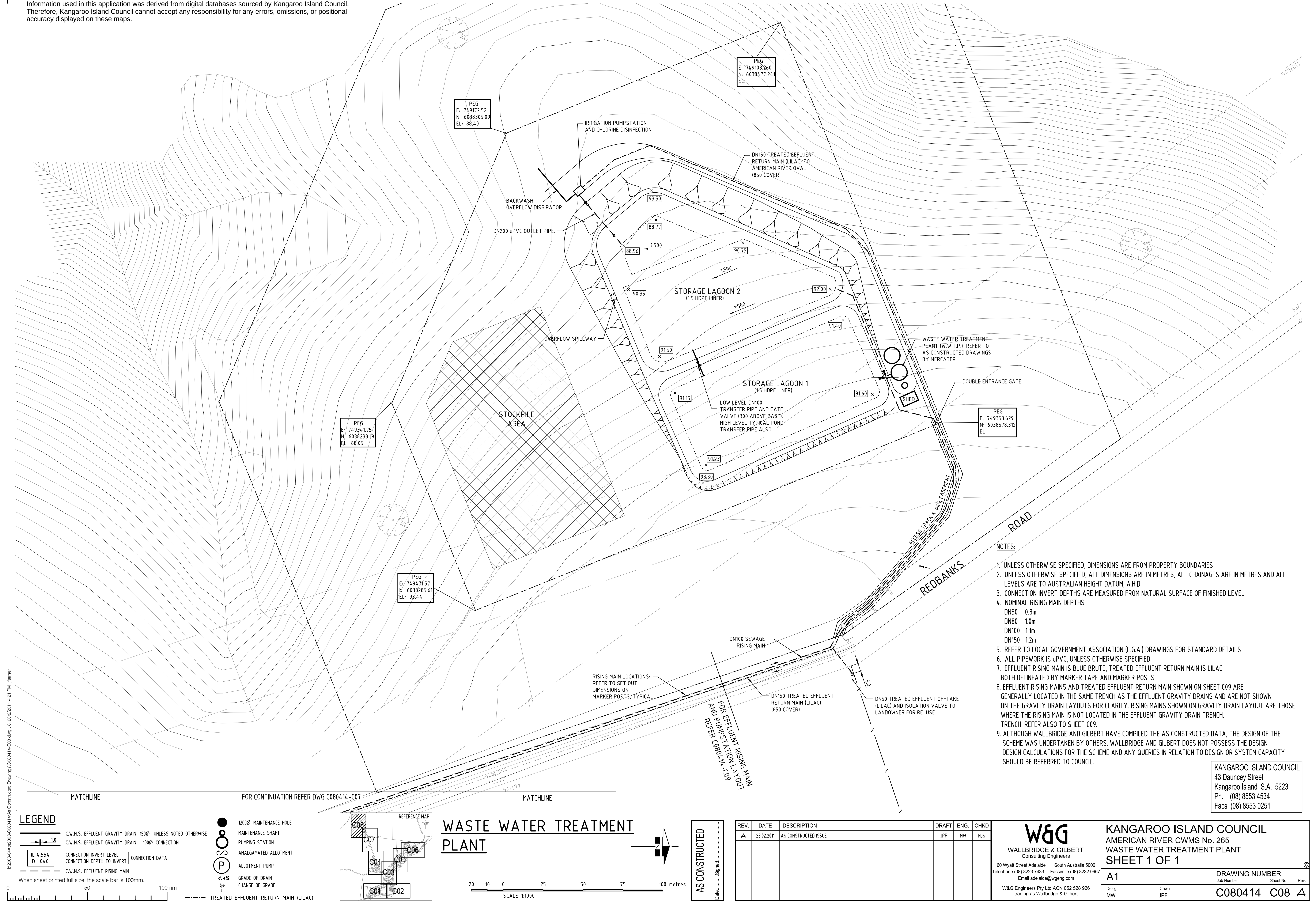
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MW

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Job Number Sheet No. Rev.
C080414 C07 A

KANGAROO ISLAND COUNCIL
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Kangaroo Island S.A. 5223
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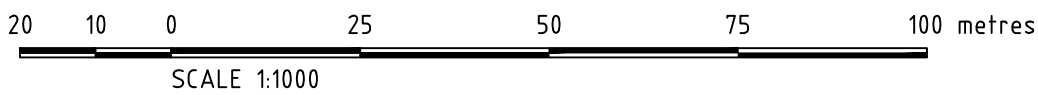
- NOTES:
- UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FROM PROPERTY BOUNDARIES
 - UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN METRES, ALL CHAINAGES ARE IN METRES AND ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM, A.H.D.
 - CONNECTION INVERT DEPTHS ARE MEASURED FROM NATURAL SURFACE OF FINISHED LEVEL
 - NOMINAL RISING MAIN DEPTHS
DN50 0.8m
DN80 1.0m
DN100 1.1m
DN150 1.2m
 - REFER TO LOCAL GOVERNMENT ASSOCIATION (L.G.A.) DRAWINGS FOR STANDARD DETAILS
 - ALL PIPEWORK IS uPVC, UNLESS OTHERWISE SPECIFIED
 - EFFLUENT RISING MAIN IS BLUE BRUTE, TREATED EFFLUENT RETURN MAIN IS LILAC. BOTH DELINEATED BY MARKER TAPE AND MARKER POSTS
 - EFFLUENT RISING MAINS AND TREATED EFFLUENT RETURN MAIN SHOWN ON SHEET C09 ARE GENERALLY LOCATED IN THE SAME TRENCH AS THE EFFLUENT GRAVITY DRAINS AND ARE NOT SHOWN ON THE GRAVITY DRAIN LAYOUTS FOR CLARITY. RISING MAINS SHOWN ON GRAVITY DRAIN LAYOUT ARE THOSE WHERE THE RISING MAIN IS NOT LOCATED IN THE EFFLUENT GRAVITY DRAIN TRENCH. TRENCH. REFER ALSO TO SHEET C09.
 - ALTHOUGH WALLBRIDGE AND GILBERT HAVE COMPILED THE AS CONSTRUCTED DATA, THE DESIGN OF THE SCHEME WAS UNDERTAKEN BY OTHERS. WALLBRIDGE AND GILBERT DOES NOT POSSESS THE DESIGN DESIGN CALCULATIONS FOR THE SCHEME AND ANY QUERIES IN RELATION TO DESIGN OR SYSTEM CAPACITY SHOULD BE REFERRED TO COUNCIL.

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LEGEND

- 1200Ø MAINTENANCE HOLE
MAINTENANCE SHAFT
PUMPING STATION
AMALGAMATED ALLOTMENT
ALLOTMENT PUMP
GRADE OF DRAIN
CHANGE OF GRADE
TREATED EFFLUENT RETURN MAIN (LILAC)
- C.W.M.S. EFFLUENT GRAVITY DRAIN, 150Ø, UNLESS NOTED OTHERWISE
C.W.M.S. EFFLUENT GRAVITY DRAIN - 100Ø CONNECTION
CONNECTION INVERT LEVEL
CONNECTION DEPTH TO INVERT } CONNECTION DATA
C.W.M.S. EFFLUENT RISING MAIN
- When sheet printed full size, the scale bar is 100mm.

WASTE WATER TREATMENT PLANT



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AMERICAN RIVER CWMS No. 265
WASTE WATER TREATMENT PLANT
SHEET 1 OF 1

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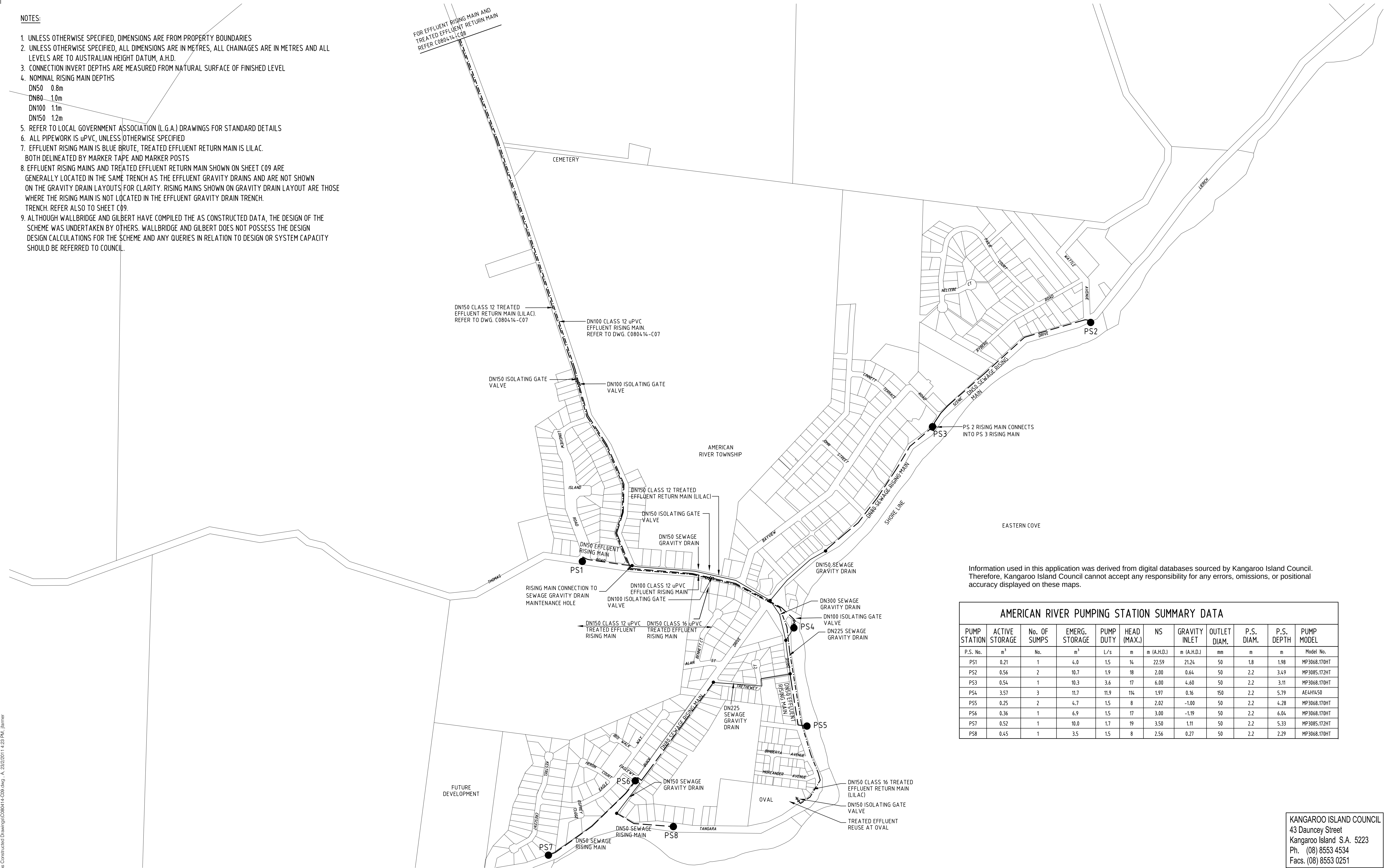
Job Number
C080414

Sheet No.
C08

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NOTES:

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FROM PROPERTY BOUNDARIES
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3. CONNECTION INVERT DEPTHS ARE MEASURED FROM NATURAL SURFACE OF FINISHED LEVEL
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DN50 0.8m
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6. ALL PIPEWORK IS uPVC, UNLESS OTHERWISE SPECIFIED
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BOTH DELINEATED BY MARKER TAPE AND MARKER POSTS
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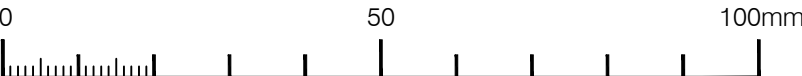
AMERICAN RIVER PUMPING STATION SUMMARY DATA

PUMP STATION	ACTIVE STORAGE	No. OF SUMPS	EMERG. STORAGE	PUMP DUTY	HEAD (MAX.)	NS	GRAVITY INLET	OUTLET DIAM.	P.S. DIAM.	P.S. DEPTH	PUMP MODEL
P.S. No.	m ³	No.	m ³	L/s	m	m (A.H.D.)	m (A.H.D.)	mm	m	m	Model No.
PS1	0.21	1	4.0	1.5	14	22.59	21.24	50	1.8	1.98	MP3068.170HT
PS2	0.56	2	10.7	1.9	18	2.00	0.64	50	2.2	3.49	MP3085.172HT
PS3	0.54	1	10.3	3.6	17	6.00	4.60	50	2.2	3.11	MP3068.170HT
PS4	3.57	3	11.7	11.9	114	1.97	0.16	150	2.2	5.79	AE4H1450
PS5	0.25	2	4.7	1.5	8	2.02	-1.00	50	2.2	4.28	MP3068.170HT
PS6	0.36	1	6.9	1.5	17	3.00	-1.19	50	2.2	6.04	MP3068.170HT
PS7	0.52	1	10.0	1.7	19	3.50	1.11	50	2.2	5.33	MP3085.172HT
PS8	0.45	1	3.5	1.5	8	2.56	0.27	50	2.2	2.29	MP3068.170HT

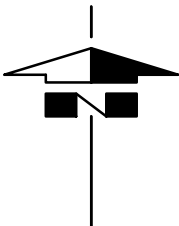
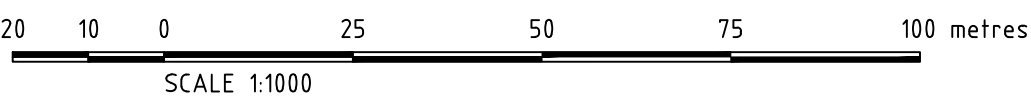
LEGEND

- PS1 EFFLUENT PUMP STATION
- EFFLUENT RISING MAIN
- - - - TREATED EFFLUENT RETURN MAIN (LILAC)
- EFFLUENT GRAVITY DRAIN
- EFFLUENT GRAVITY DRAIN MAINTENANCE HOLE
- ISOLATION VALVE

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PUMP STATION AND RISING MAIN LAYOUT



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AMERICAN RIVER CWMS No. 265
PUMP STATION & RISING MAIN LAYOUT
SHEET 1 OF 1

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