

LEGEND

① CULVERT LOCATION AND DESIGNATION



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J	ISSUED FOR EXHIBITION	01/02/11	GH
I	COUNCIL COMMENTS AMENDMENTS	30/11/10	MP
H	SOUTH STREET ALIGNMENT ADJUSTED	05/07/10	DJH
G	BASIN P I/LP BOUNDARY AMENDED	12/06/10	DJH
F	ISSUED FOR REVIEW	12/05/10	DJH
E	SOUTH STREET RELOCATED	06/04/10	DJH
ISSUE	AMENDMENT	DATE	BY

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS
& PROJECT MANAGERS

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DESIGNED DJH/JC
DRAWN DJH
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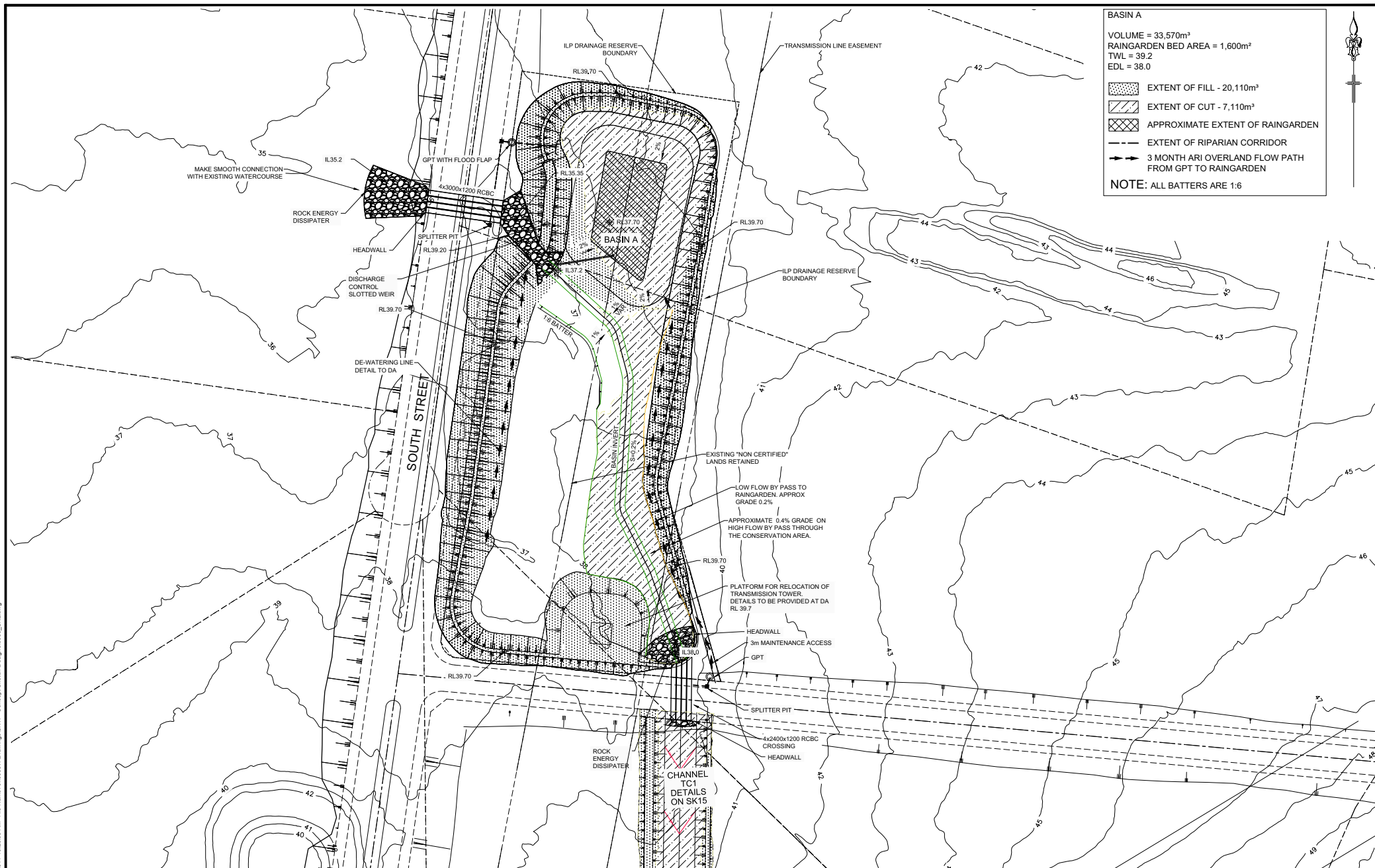
DATUM: AHD
ORIGIN:
SCALES:
1:5000 @ A1

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MARSDEN PARK
DRAFT S94 BASIN REVIEW
BASIN PLAN
AND CULVERT LAYOUT

PLAN No.
8955/SK1

FILE No.
8955_SK1



BASIN A

VOLUME = 33,570m³
 RAINGARDEN BED AREA = 1,600m²
 TWL = 39.2
 EDL = 38.0

EXTENT OF FILL - 20,110m³
 EXTENT OF CUT - 7,110m³
 APPROXIMATE EXTENT OF RAINGARDEN
 EXTENT OF RIPARIAN CORRIDOR
 3 MONTH ARI OVERLAND FLOW PATH FROM GPT TO RAINGARDEN

NOTE: ALL BATTERS ARE 1:6

1:1000 (AT A1)

20 0 20 30 40 50 60 70 80 90 100

METRES

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MARSDEN PARK
 DRAFT S94 BASIN REVIEW
 BASIN A

PLAN No.
 8955/SK2

FILE No.
 8955_SK2

G

G	ISSUED FOR EXHIBITION	01/02/11	GH
F	BASIN A INVERT AMENDED	09/12/10	VG
E	COUNCIL COMMENTS AMENDMENTS	30/11/10	MP
D	MINOR AMENDMENTS	24/06/10	DJH
C	ISSUED FOR REVIEW	12/05/10	TK
B	MINOR AMENDMENTS TO BASIN	28/04/10	TK
A	ISSUE		

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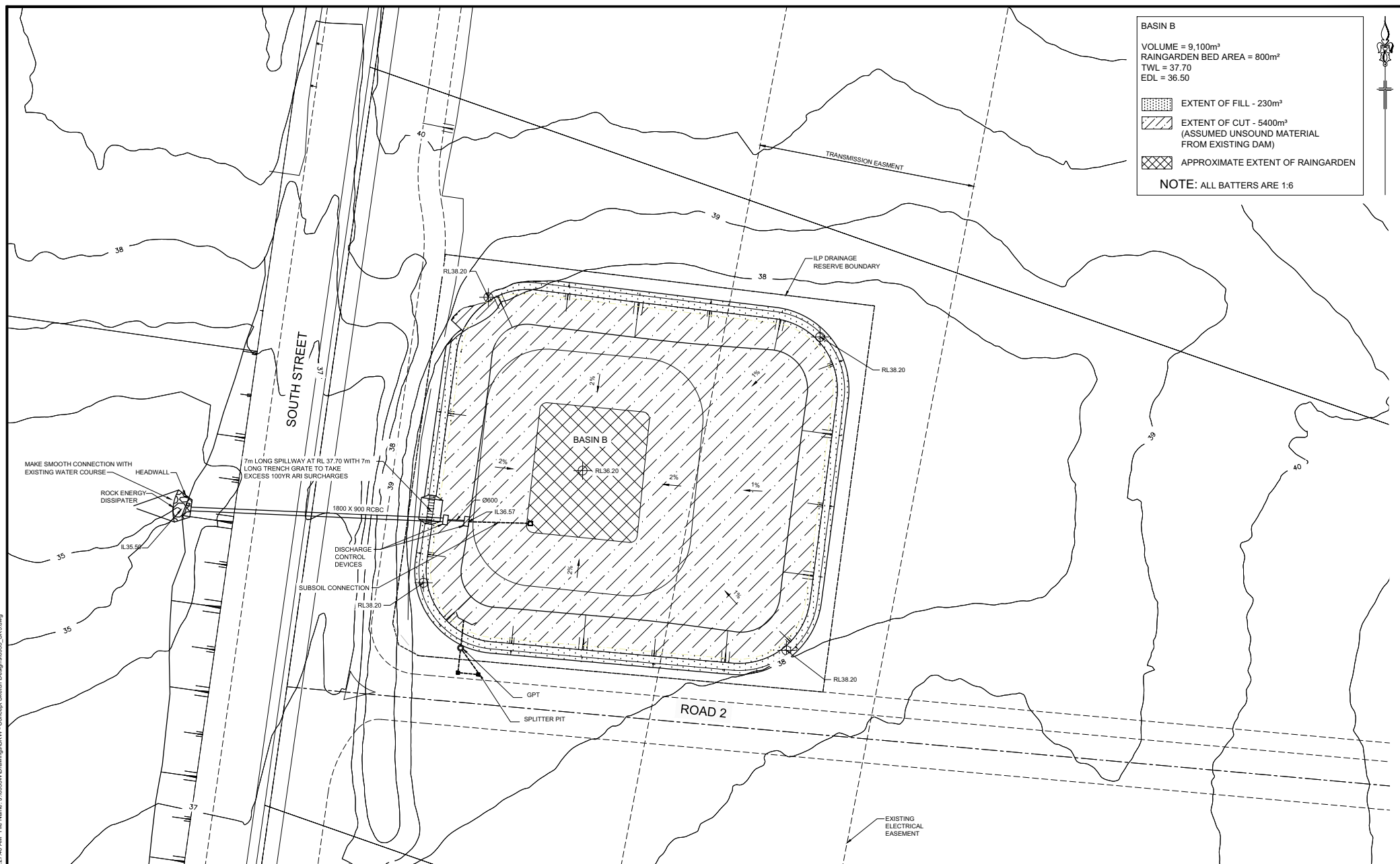
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Project: 1 Feb 2011 10:27:40 AM File Name: J:\8955\Drawings\SK3\W - Concept South Design\8955_SK3.dwg



BASIN B	
VOLUME = 9,100m ³	
RAINGARDEN BED AREA = 800m ²	
TWL = 37.70	
EDL = 36.50	
	EXTENT OF FILL - 230m ³
	EXTENT OF CUT - 5400m ³ (ASSUMED UNSOUND MATERIAL FROM EXISTING DAM)
	APPROXIMATE EXTENT OF RAINGARDEN
NOTE: ALL BATTERS ARE 1:6	

1:500 (AT A1)



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SCALES:
1:500 @ A1

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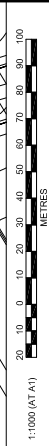
MARSDEN PARK
DRAFT S94 BASIN REVIEW
BASIN B

PLAN No.
8955/SK3
FILE No.
8955_SK3

E

ISSUE	AMENDMENT	DATE	BY
E	ISSUED FOR EXHIBITION	01/02/11	GH
D	COUNCIL COMMENTS AMENDMENTS	30/11/10	MP
C	MINOR AMENDMENTS	24/06/10	DJH
B	ISSUED FOR REVIEW	12/05/10	TK
A	FIRST ISSUE	23/04/10	TK

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MARSDEN PARK
DRAFT S94 BASIN REVIEW
BASIN E & CHANNEL TC6

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DESIGNED: DJB/C
DRAWN: DJM
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DATUM: AHD
ORIGIN:
Scales: 1:1000 @ A1

PLAN VIEW

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BASIN E

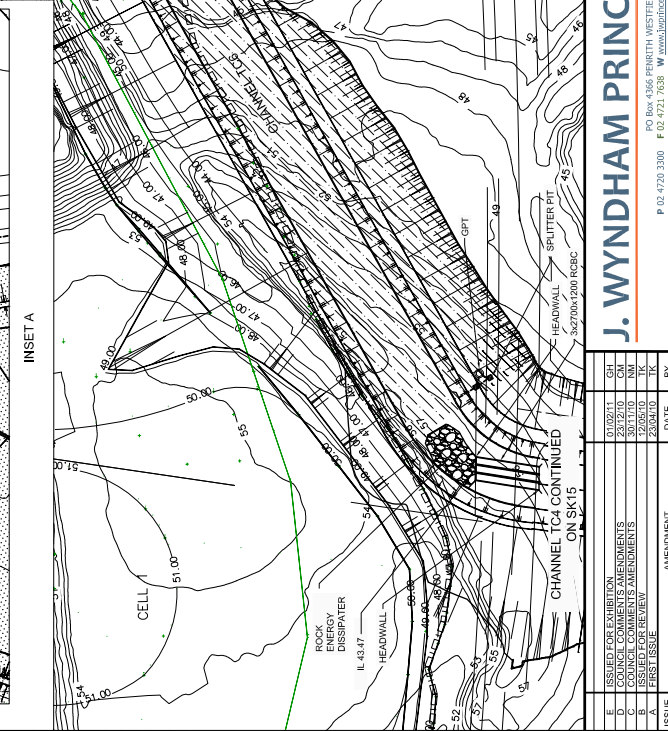
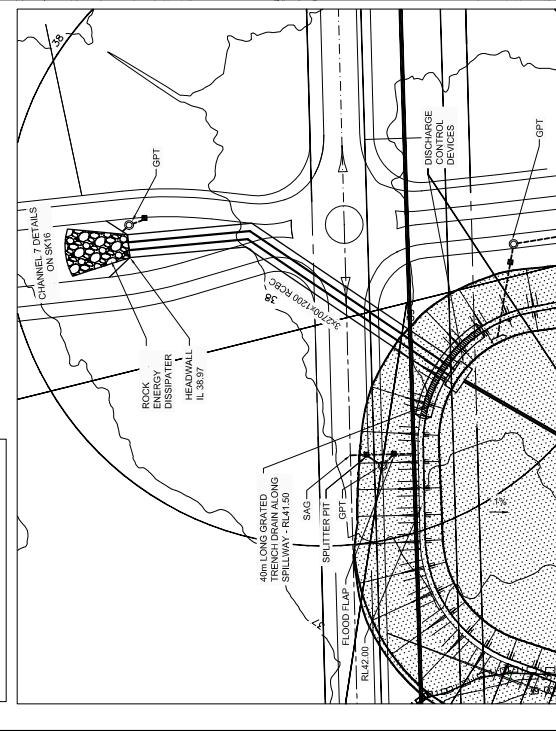
VOLUME = 40,000m³
RAINGARDEN BED AREA = 7,400m²
TWL = 41.5
EDL = 40.3

EXTENT OF FILL - 57,800m³
EXTENT OF CUT - 4,150m³
EXTENT OF RAINGARDEN
EXTENT OF BASIN BATTERS ARE 1:6

CHANNEL TC6

EXTENT OF FILL - 6,274m³
EXTENT OF CUT - 143,652m³

NOTE: CHANNEL BATTERS ARE 1:4



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ISSUE	DATE	BY
E	01/02/21	GH
C	30/11/20	NM
B	22/01/20	TK
A	28/01/20	TK

ISSUED FOR EXHIBITION
FOR COMMENTS
COUNCIL COMMENTS AMENDMENTS
ISSUED FOR REVIEW
FIRST ISSUE
AMENDMENT

Project: 1 Feb 2011 10:29:44 AM File Name: J:\8955\W\Drawings\SK6 - Concept Sketch Design\8955_SK6.dwg

BASIN G

VOLUME = 33,140m³
RAINGARDEN BED AREA (MAJ) = 6,000m², (MIN) 880m²
TWL = 32.84
EDL = 31.6

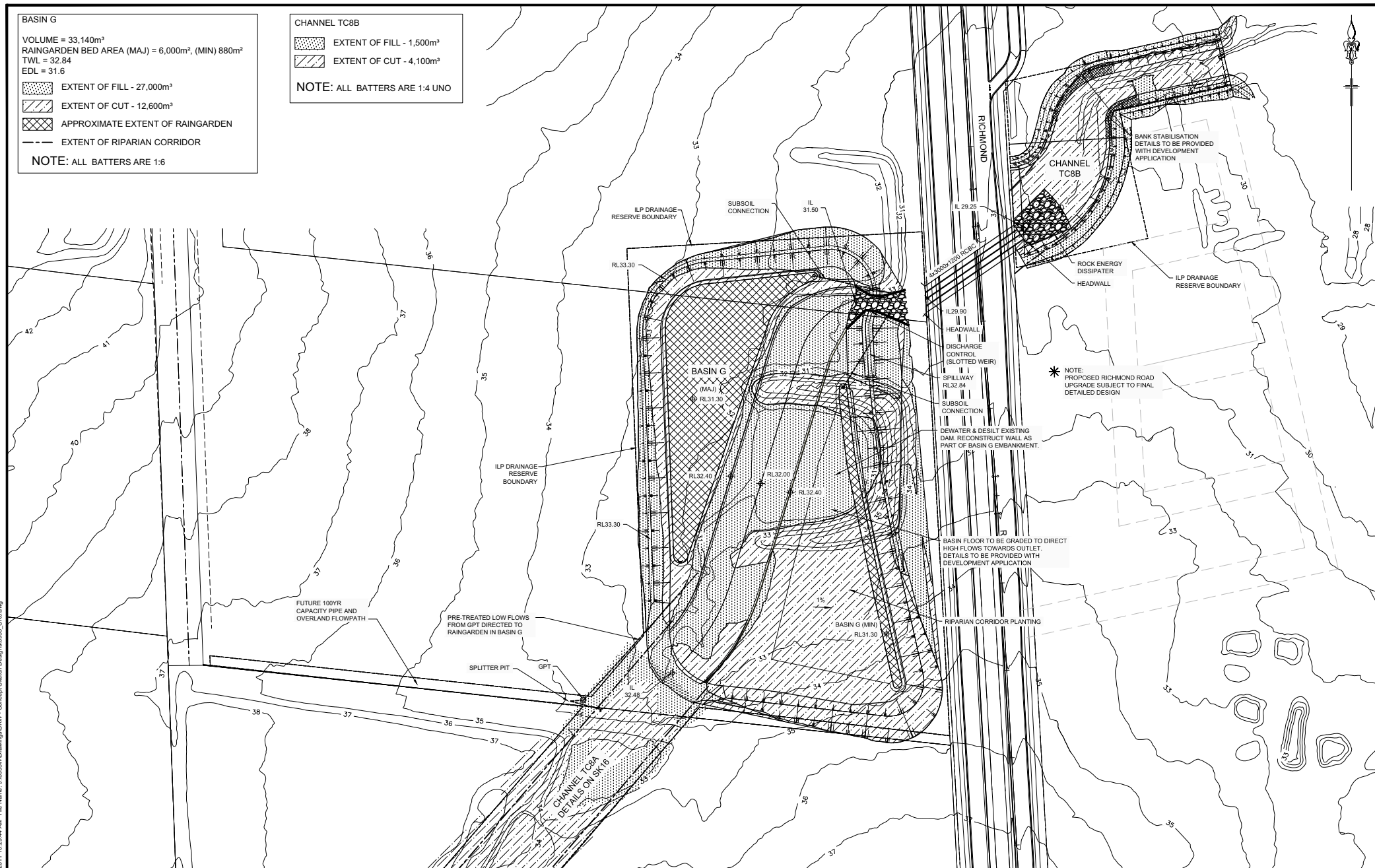
- EXTENT OF FILL - 27,000m³
- EXTENT OF CUT - 12,600m³
- APPROXIMATE EXTENT OF RAINGARDEN
- EXTENT OF RIPARIAN CORRIDOR

NOTE: ALL BATTERS ARE 1:6

CHANNEL TC8B

- EXTENT OF FILL - 1,500m³
- EXTENT OF CUT - 4,100m³

NOTE: ALL BATTERS ARE 1:4 UNO



1:1000 (AT A1)



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DRAFT S94 BASIN REVIEW
BASIN G AND CHANNEL TC8B

PLAN No.
8955/SK6
FILE No.
8955_SK6

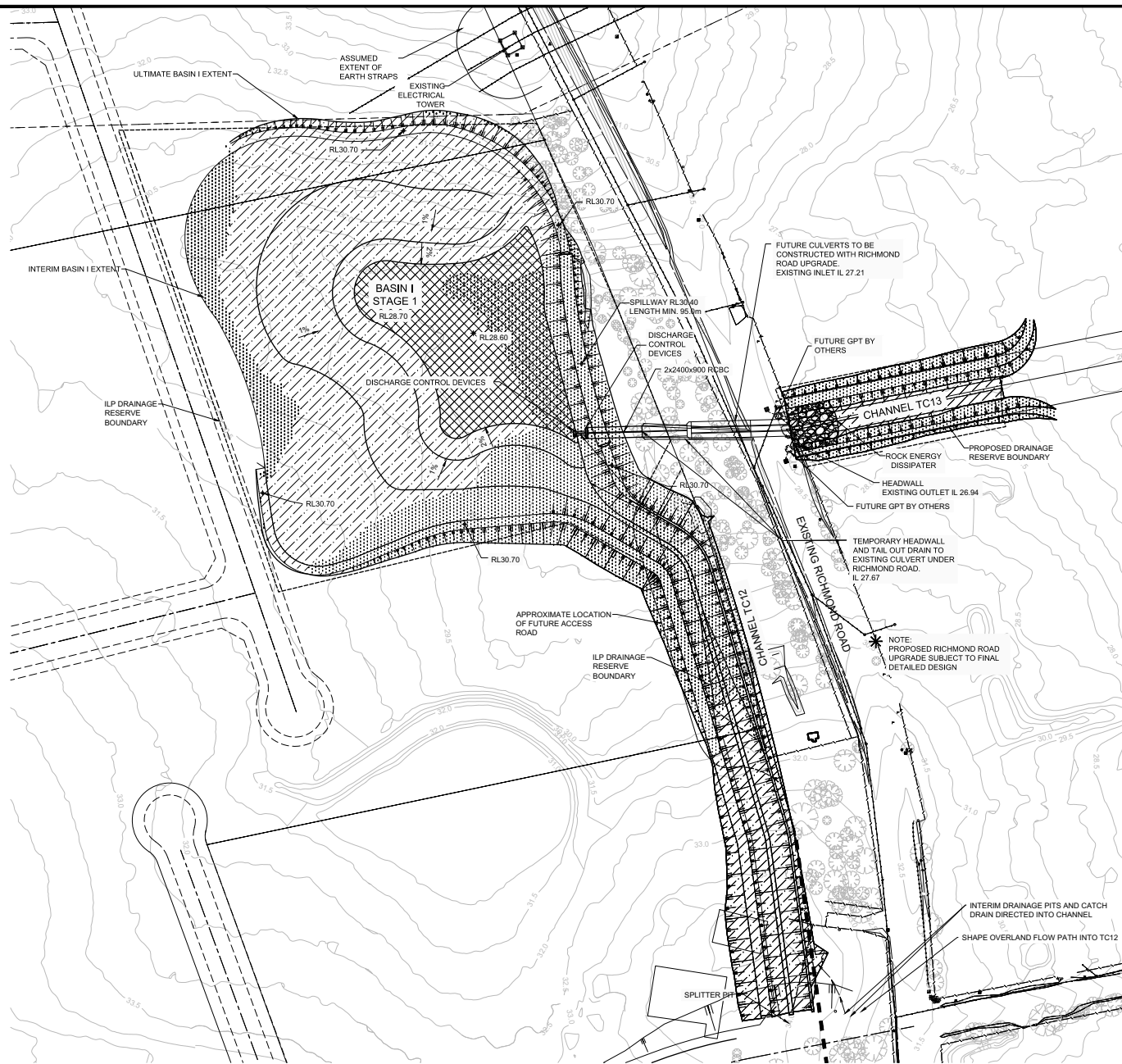
G

ISSUE	AMENDMENT	DATE	BY
G	ISSUED FOR EXHIBITION	01/02/11	GH
F	TC8B AND BASIN FLOOR AMENDMENTS	23/12/10	AS
E	COUNCIL COMMENTS AMENDMENTS	30/11/10	MP
D	ISSUED FOR REVIEW	12/05/10	TK
C	AMENDMENT TO BASIN BOUNDARY	29/04/10	DJH
B	MINOR AMENDMENTS TO BASIN	27/04/10	TK

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BASIN I
 VOLUME = 35,300m³
 RAINGARDEN BED AREA = 5,700m²
 TWL (100yr) = 30.20
 TWL (500yr) = 30.40 (PROVIDES 500yr FLOOD IMMUNITY FOR RICHMOND ROAD)
 EDL = 28.9

EXTENT OF FILL - 7,100m³
 EXTENT OF CUT - 15,400m³
 EXTENT OF RAINGARDEN

NOTE: BASIN BATTERS ARE 1:6

CHANNEL TC12
 EXTENT OF FILL - 6,750m³
 EXTENT OF CUT - 9,200m³

NOTE: CHANNEL BATTERS ARE 1:4

CHANNEL TC13
 EXTENT OF FILL - 1,760m³
 EXTENT OF CUT - 400m³

NOTE: CHANNEL BATTERS ARE 1:4

PLAN
 SCALE 1:1000

1:1000 (AT A1)



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MARSDEN PARK
 DRAFT S94 BASIN REVIEW
 BASIN I & CHANNELS 12 & 13

PLAN No.
8955/SK7
 FILE No.
 8955_SK7

F

F	BASIN AMENDED AS PER DA SUBMISSION	01/02/11	GH
E	COUNCIL COMMENTS AMENDMENTS	30/11/10	MP
D	ISSUED FOR REVIEW	12/05/10	TK
C	MINOR AMENDMENTS TO BASIN	28/04/10	TK
B	CHANGE TO BASIN LAYOUT	23/04/10	TK
A	FOR DISCUSSION	15/03/10	DJH
ISSUE	AMENDMENT	DATE	BY

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