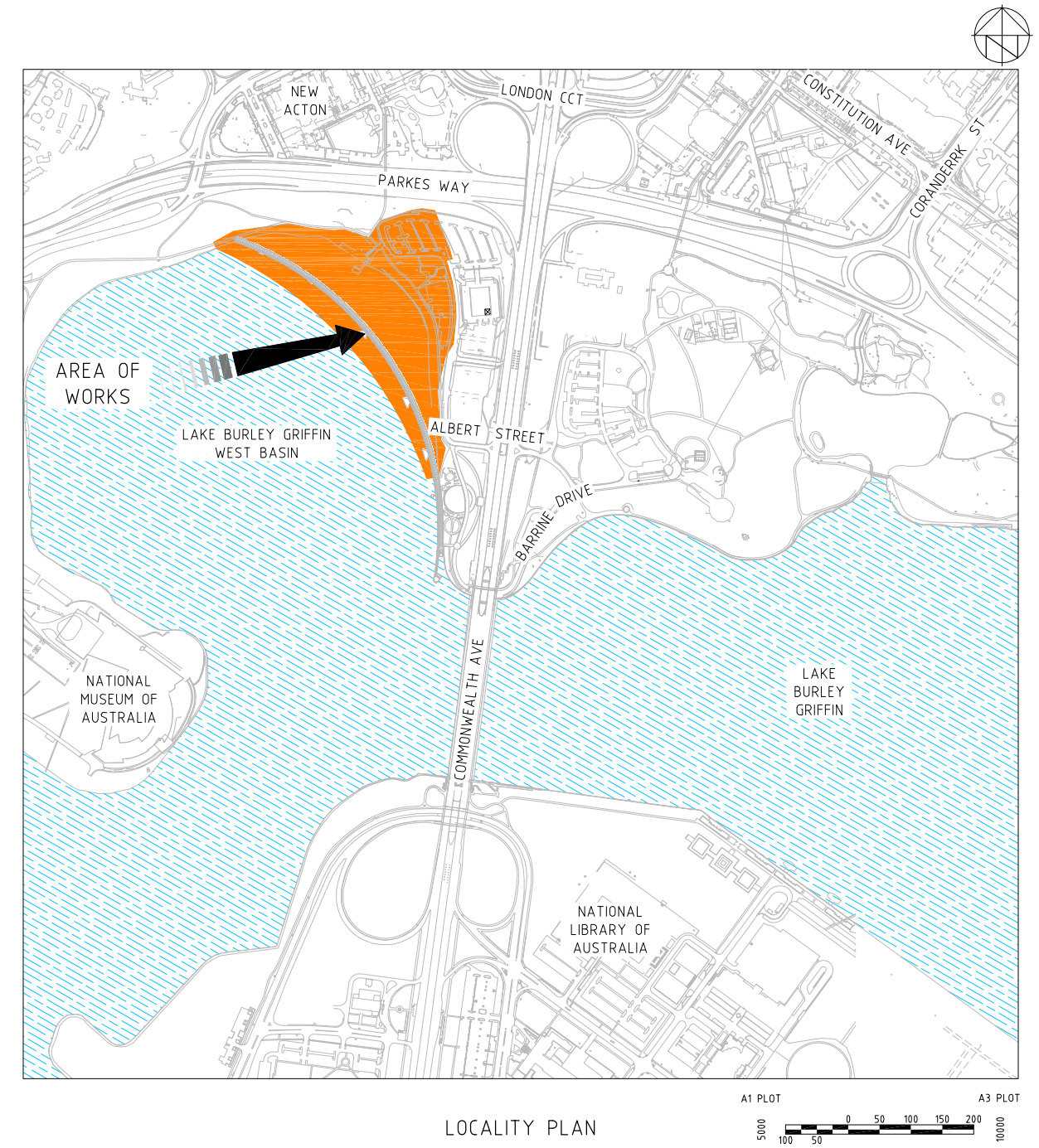


WEST BASIN PHASE 2

WORKS APPROVAL

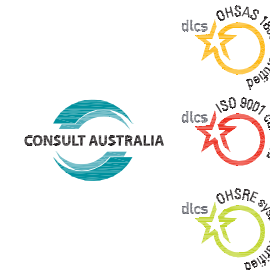


PRINCIPAL:



City Renewal
Authority

CONSULTANTS:

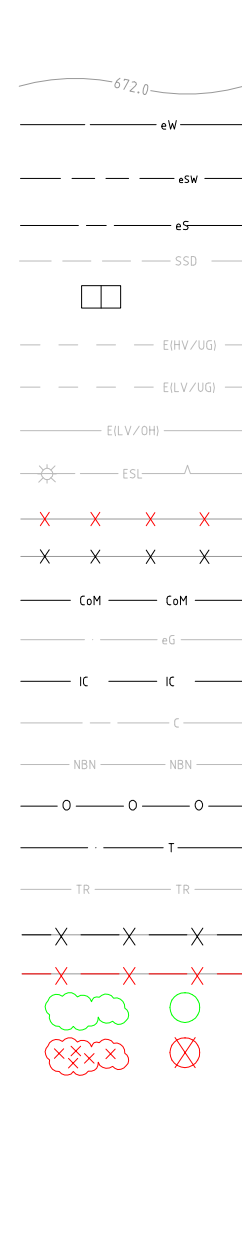


PRINCIPAL CONTRACTOR:



LEGEND

EXISTING



PROPOSED



LIMIT OF WORKS
 SITE BOUNDARY TEMPORARY WORKS
 CONTOUR
 WATERMAIN, FIRE HYDRANT, SLUICE VALVE, REDUCER, THRUST BLOCK, SCOUR STOP/THRUST WALL
 STORMWATER, MAN HOLE, KIS,R,PLANTATION & GRATED SUMP, SCOUR STOP,HEADWALL
 SEWER MAIN, SCOUR STOP, MAINTENANCE HOLE,
 SUBSOIL DRAIN WITH FLUSHING POINT
 ELECTRICAL SUBSTATION
 ELECTRICITY HIGH VOLTAGE UNDERGROUND
 ELECTRICITY LOW VOLTAGE UNDERGROUND
 ELECTRICITY LOW VOLTAGE OVERHEAD
 ELECTRICITY (STREET LIGHT CABLE), STREET LIGHT
 EXISTING SERVICE TO BE REMOVED
 EXISTING SERVICE ABANDONED
 AAPT
 GAS
 ICON
 COMMUNICATIONS
 NBN
 OPTUS
 TELSTRA
 TRANSACT
 EXISTING SERVICE TO BE ABANDONED
 EXISTING SERVICE TO BE REMOVED
 TREES/SHRUB
 TREE AND TREE/SHRUB GROUP TO BE REMOVED
 CHAINWIRE CONSTRUCTION FENCE
 BOARDWALK
 SILT CURTAIN

ABBREVIATIONS

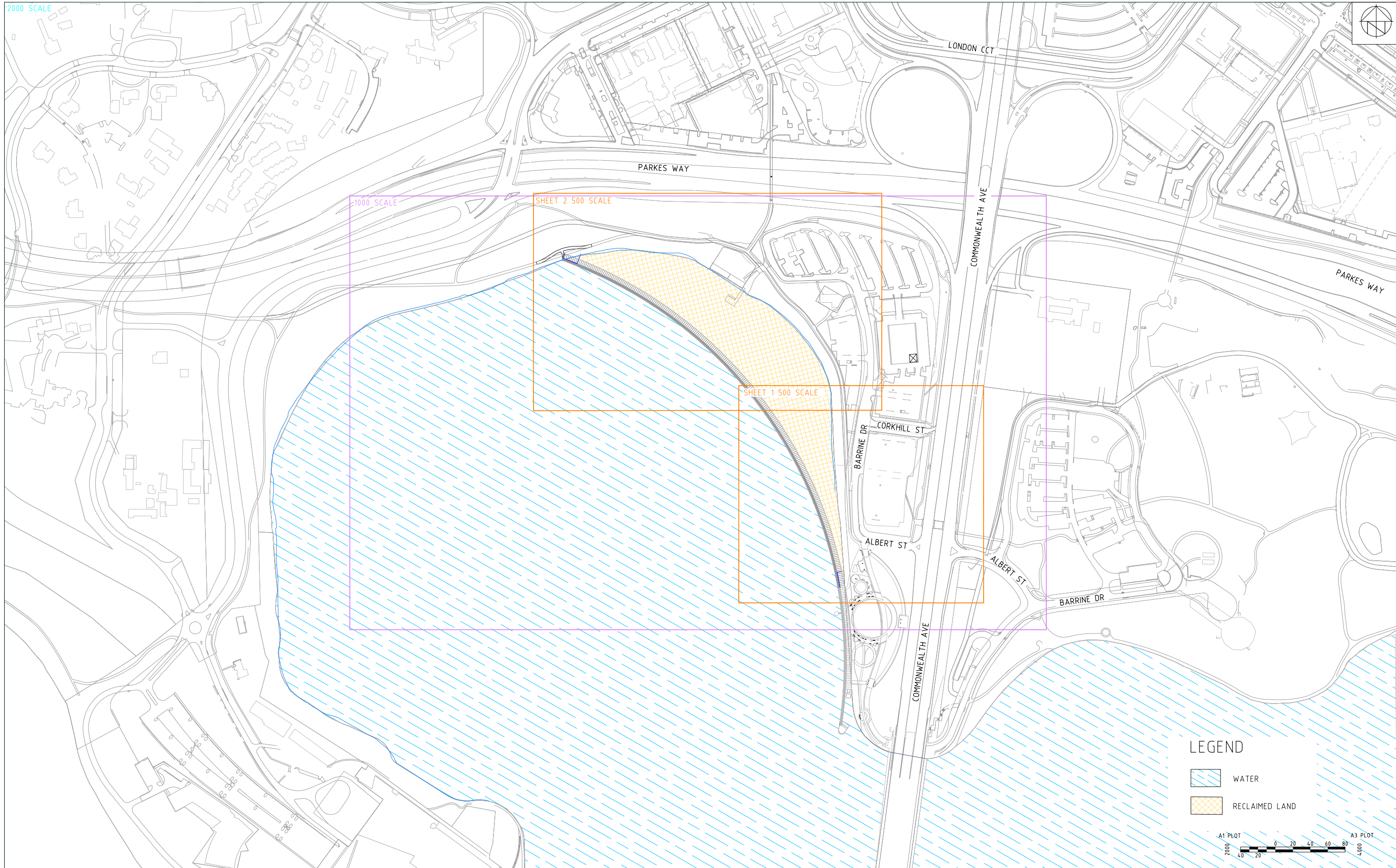
A	ARC LENGTH	MMK	MODIFIED MOUNTAIN KERB
AADT	AVERAGE ANNUAL DAILY TRAFFIC	NS	NATURAL SURFACE
AC	ASPHALTIC CONCRETE	NTS	NOT TO SCALE
ACTEW	ACTEW CORPORATION	NOM	NOMINAL
AGL	AGL GAS CO (ACT) LTD	No	NUMBER
ACTPLA	ACT PLANNING AND LAND AUTHORITY	OCI	OPEN CONCRETE INVERT
BM	KERB BENCH MARK	OD	OUTSIDE DIAMETER
BVR	BURIED VERTICAL RISER	DWCF	ONE-WAY CROSSFALL
CBR	CALIFORNIA BEARING RATIO	%	PERCENTAGE
C	CORD LENGTH	PC	PRAM CROSSING
C	CENTRE LINE	PK	PERMEABLE KERB
CL	COVER LEVEL	PS	PLANTATION SUMP
CH	CHAINAGE	PT	POINT
CJ	CONSTRUCTION JOINT	QS	STORMWATER SUMP SINGLE - TYPE QS
CK	CASTELLATED KERB	QS (S)	STORMWATER PUMP SINGLE - TYPE QS SEALED
CONC	CONCRETE	R	RADIUS (SETOUT)
CL2	CONCRETE PIPE CLASS	R	STORMWATER PUMP DOUBLE - TYPE
Ø	DIAMETER (NOMINAL INTERNAL)	R(S)	STORMWATER PUMP DOUBLE (SEALED) - TYPE R
DIA	DIAMETER	RCP	REINFORCED CONCRETE PIPE
DESA	DESIGN EQUIVALENT STANDARD AXLE	RP	RODDING POINT
Δ	DEFLECTION ANGLE	RL	REDUCED LEVEL
DRG	DRAWING	RRJ	RUBBER RING JOINT
DICL	DUCTILE IRON CEMENT LINED	RVC	REINFORCED VEHICLE CROSSING
DVC	DOUBLE VEHICLE CROSSING	SKG	SPECIAL KERB & GUTTER
EC	END CAP	SK4	SPECIAL "K4A" KERB
EJ	EXPANSION JOINT	SKO	SPECIAL KERB ONLY
ES	EXISTING SURFACE	SMS	SEWER MAINTENANCE SHAFT
ESAM	EQUIVALENT STANDARD AXLE MOVEMENTS	SOCI	SPECIAL OPEN KERB INVERT
EX	EXISTING	STD	STANDARD
FK	FLUSH KERB	SV	STOP VALVE
H	HORIZONTAL	SVC	SINGLE VEHICLE CROSSING
FP	FLUSHING POINT	SR	SURVEY REFERENCING MARK
HDPE	HIGH DENSITY POLYETHYLENE	TK	TOP OF KERB
HP	HIGH POINT	TP	TANGENT POINT
IP	INTERSECTION POINT	TWCF	TWO-WAY CROSSFALL
IL	INTERSECTION LEVEL	U/G	UNDERGROUND
INT	INTERSECTION	UPVC	UNPLASTICISED POLYVINYL CHLORIDE
K4A	SPECIAL KERB ONLY (WITH TOE)	TYP	TYPICAL
KG	KERB & GUTTER	V	VERTICAL
KL	KERB LINE	VC	VEHICLE CROSSING
KO	KERB ONLY	VD	VERTICAL DROP
KT(1.0)	KERB TRANSITION	VCP	VITRIFIED CLAY PIPE
LP	LOW POINT		
MH	MAINTENANCE HOLE		
MAX	MAXIMUM		
MHF	MAXIMUM FLUSHED KERB		
MMDD	MODIFIED MAXIMUM DRY DENSITY		
M	METRE		
MN	MINIMUM		
MK	MOUNTABLE KERB		
MKG	MOUNTABLE KERB & GUTTER		
MLBK	MODIFIED LAYBACK KERB		

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE URBAN SERVICES 'STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE WORKS, EDITION 1, REVISION 0/ SEPT 2002' AND ICON'S WATER SUPPLY AND SEWERAGE STANDARDS (WSSS) / RELEASE 2 AND AMENDMENT 4 DECEMBER 2008.
- EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA. IT IS THE CONTRACTORS RESPONSIBILITY TO ESTABLISH THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCING WORK. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITIES.
- THE CONTRACTOR SHALL CONFIRM THE POSITION AND LEVEL OF ALL EXISTING SERVICE CONNECTION POINTS AND NOTIFY THE DESIGN CONSULTANT IMMEDIATELY IF A DISCREPANCY IS FOUND.
- ALL SURVEY SET-OUT SHALL BE UNDERTAKEN BY A REGISTERED SURVEYOR.
- ALL EXISTING AND FINISHED SURFACE LEVELS ARE TO THE AUSTRALIAN HEIGHT DATUM (AHD).
- CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EVOENERGY CABLES. NO MECHANICAL EXCAVATION IS TO BE UNDERTAKEN OVER EVOENERGY CABLES. EXCAVATION BY HYDROVAC OR AS APPROVED BY EVOENERGY.
- WHERE NEW WORK ABUTS EXISTING WORK THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
- ALL EARTHWORKS, BATTERS AND TRENCH LINES OTHER THAN LAKEFILL AREAS TO BE TOPSOILED WITH 75mm SITE TOPSOIL, TEMPORARY GRASSED & BITUMEN STRAW MULCHED.
- EXISTING REFERENCE MARKS SHOWN HAVE NOT BEEN FIELD CHECKED. CO-ORDINATES AND REDUCED LEVELS TO BE CONFIRMED WITH ACTPLA FOR ACCURACY.
- THE CONTRACTOR SHALL NOT DISTURB ANY EXISTING BENCH MARKS WITHOUT ESPDD APPROVAL IN WRITING.
- CONNECTION OF NEW SEWER PIPES TO EXISTING PIPES AND MANHOLES IS TO BE UNDERTAKEN BY ICON WATER AT THE CONTRACTOR'S EXPENSE.
- CONNECTION OF NEW STORMWATER PIPES TO EXISTING PIPES AND MANHOLES IS TO BE UNDERTAKEN BY THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL TEMPORARY SUPPORT OF EXISTING SERVICES DURING EXCAVATION OF TRENCHES TO THE SATISFACTION OF THE SERVICE OWNER/AUTHORITY.
- WHERE SERVICES CROSS EXISTING ROADS THE PAVEMENT IS TO BE SAWCUT 300mm WIDER THAN THE REQUIRED TRENCH EXCAVATION AND THE FINISHED SURFACE REINSTATED WITH ASPHALTIC CONCRETE.
- ALL STORMWATER MAINTENANCE HOLES ARE TO BE 1050DIA PRECAST CONSTRUCTION WITH LIGHT DUTY COVERS (CLASS B) UNLESS OTHERWISE SHOWN.
- ALL STORMWATER MAINS UP TO 750DIA SHALL BE RCP OR FRC CLASS 2 PIPE RRJ. PIPES GREATER THAN 750DIA SHALL BE RCP.
- STORMWATER SERVICE TIES ARE TO BE RRJ SLOPE JUNCTIONS, UNLESS CONNECTED INTO A SWMH OR SUMP. STORMWATER TIES TO BE BRANCH END AND SEALED.
- DESIGN LENGTHS FOR STORMWATER PIPELINES ARE MEASURED FROM THE CENTRE OF THE MAINTENANCE HOLES AND/OR SUMP. AS CONSTRUCTED LENGTHS ARE MEASURED FROM THE INSIDE FACE OF THE MAINTENANCE HOLE/SUMP.
- INVERT LEVELS ARE TO THE CENTRE OF MAINTENANCE HOLES & SUMPS.
- NOMINATED MAINTENANCE HOLE/SUMP LOCATIONS REFER TO CENTRE OF MAINTENANCE HOLE/SUMP.
- COVER LEVELS GIVEN ARE TO BE USED AS A GUIDE ONLY. ACTUAL LEVELS TO BE DETERMINED ON SITE.
- ALL TREE PROTECTION FENCING TO BE CHAINWIRE FENCE TYPE, 1.8m HIGH AND ERECTED 2.0m-5.0m OUTSIDE THE TREE CANOPY AS AGREED WITH THE SUPERINTENDENT.
- ALL OLD TREE STUMP HOLES TO BE TRIMMED, BACKFILLED AND COMPACTED TO 95%.

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2000 SCALE



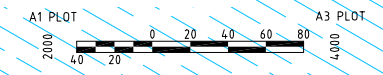
1000 SCALE

SHEET 2 500 SCALE

SHEET 1 500 SCALE

LEGEND

- WATER
- RECLAIMED LAND



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A	GENERAL REVISIONS	JR	2018.07.25	RJ	

ACT Government
City Renewal Authority

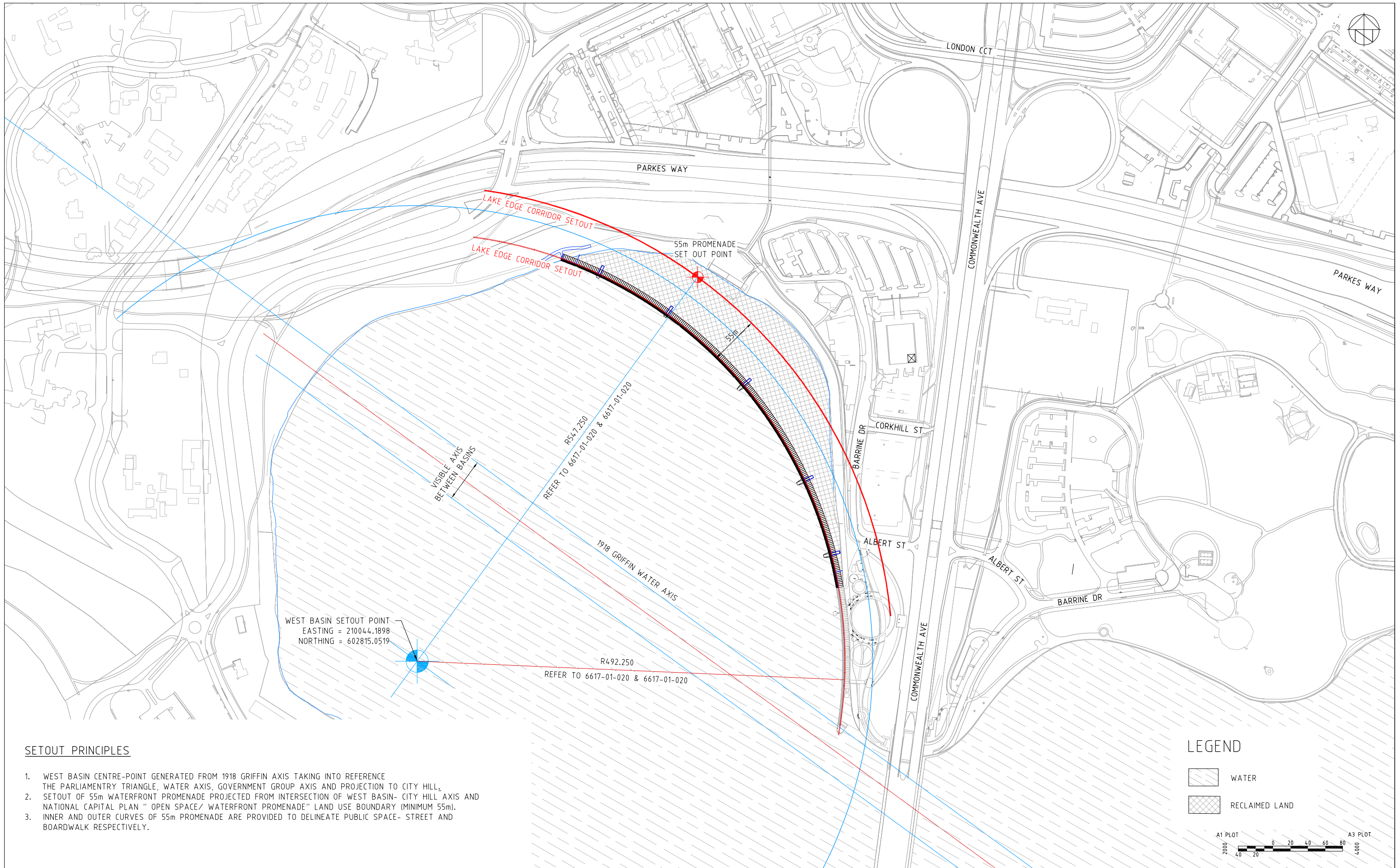
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DESIGNED BY	L. MAYERS		
DRAWN BY	SG		
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WEST BASIN
PHASE 2

DRAWING TITLE LOCALITY PLAN AND SHEET LAYOUT		
PROJECT No. 6617-01	DRAWING No. 003	AMDT J



SETOUT PRINCIPLES

1. WEST BASIN CENTRE-POINT GENERATED FROM 1918 GRIFFIN AXIS TAKING INTO REFERENCE THE PARLIAMENTARY TRIANGLE, WATER AXIS, GOVERNMENT GROUP AXIS AND PROJECTION TO CITY HILL.
2. SETOUT OF 55m WATERFRONT PROMENADE PROJECTED FROM INTERSECTION OF WEST BASIN- CITY HILL AXIS AND NATIONAL CAPITAL PLAN " OPEN SPACE/ WATERFRONT PROMENADE" LAND USE BOUNDARY (MINIMUM 55m).
3. INNER AND OUTER CURVES OF 55m PROMENADE ARE PROVIDED TO DELINEATE PUBLIC SPACE- STREET AND BOARDWALK RESPECTIVELY.

LEGEND

- WATER
- RECLAIMED LAND



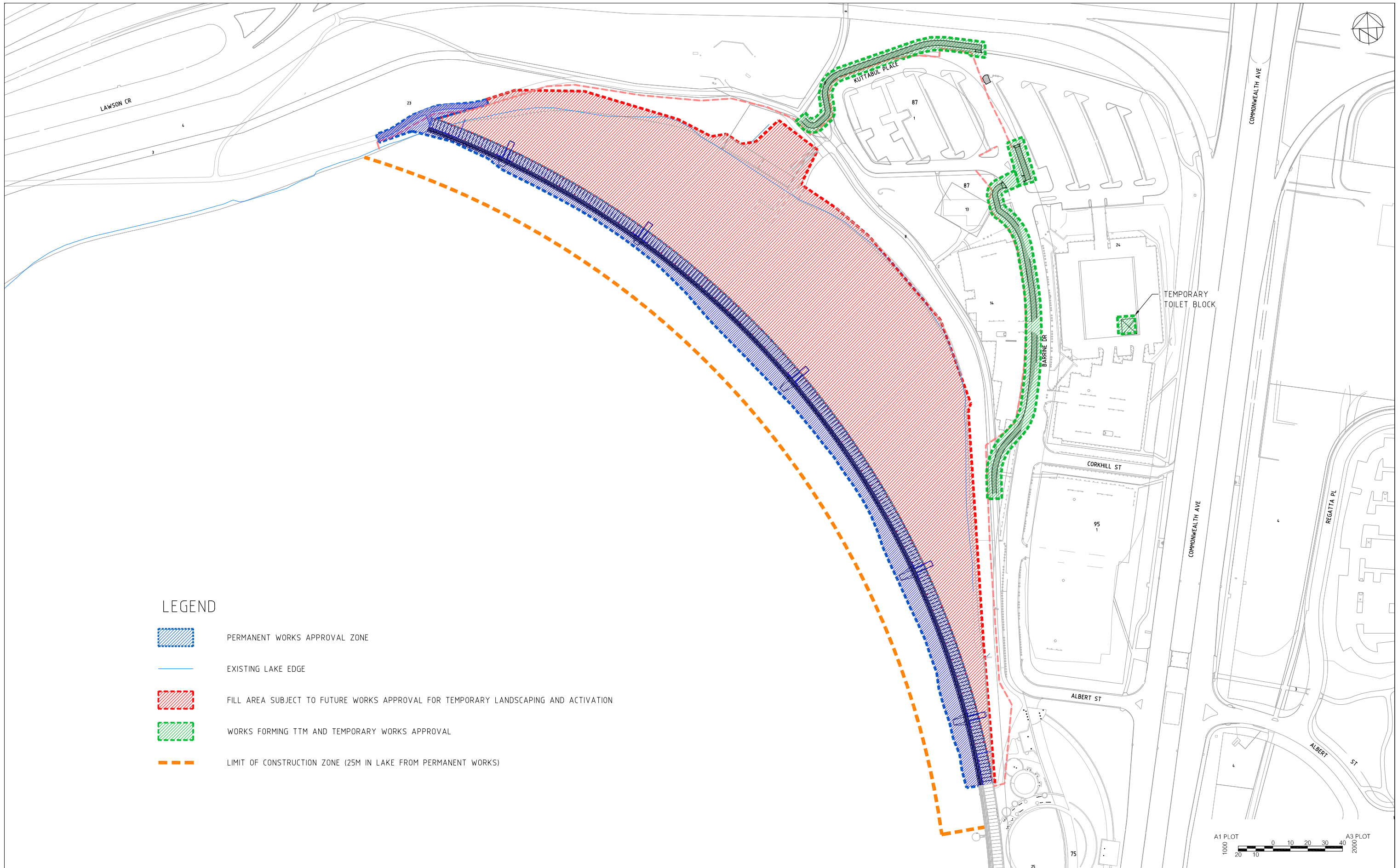
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




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PROJECT
WEST BASIN PHASE 2

DRAWING TITLE		
GEOMETRY AND SETOUT PLAN		
PROJECT No.	DRAWING No.	AMDT
6617-01	004	J



LEGEND

-  PERMANENT WORKS APPROVAL ZONE
-  EXISTING LAKE EDGE
-  FILL AREA SUBJECT TO FUTURE WORKS APPROVAL FOR TEMPORARY LANDSCAPING AND ACTIVATION
-  WORKS FORMING TTM AND TEMPORARY WORKS APPROVAL
-  LIMIT OF CONSTRUCTION ZONE (25M IN LAKE FROM PERMANENT WORKS)

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PRINCIPAL



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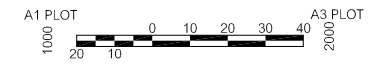
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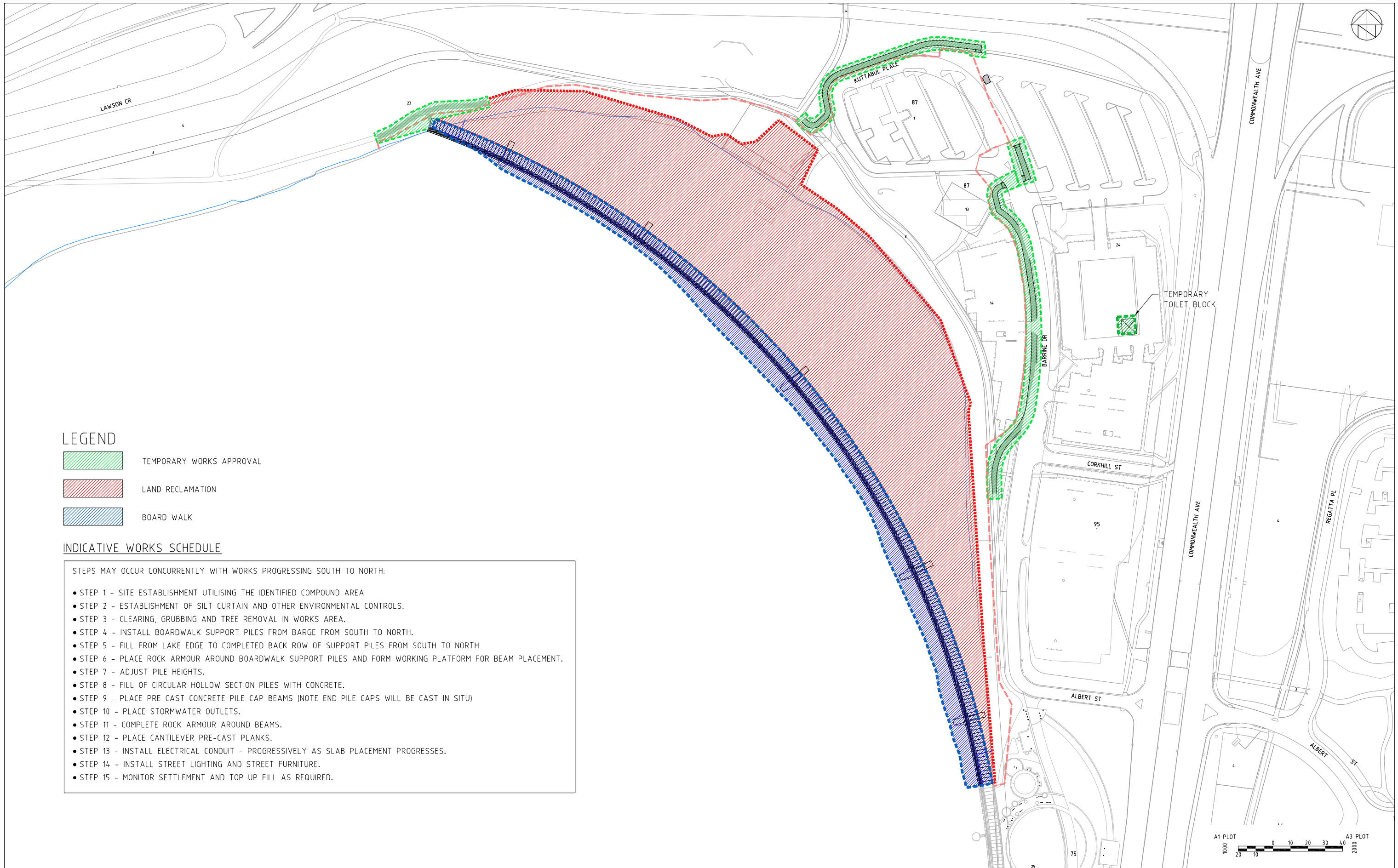
WEST BASIN PHASE 2

DRAWING TITLE

WORKS APPROVAL ZONES PLAN

PROJECT No.	DRAWING No.	AMDT
6617-01	005	J



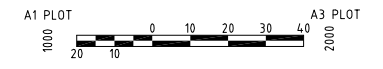


LEGEND

- TEMPORARY WORKS APPROVAL
- LAND RECLAMATION
- BOARD WALK

INDICATIVE WORKS SCHEDULE

- STEPS MAY OCCUR CONCURRENTLY WITH WORKS PROGRESSING SOUTH TO NORTH:
- STEP 1 - SITE ESTABLISHMENT UTILISING THE IDENTIFIED COMPOUND AREA
 - STEP 2 - ESTABLISHMENT OF SILT CURTAIN AND OTHER ENVIRONMENTAL CONTROLS.
 - STEP 3 - CLEARING, GRUBBING AND TREE REMOVAL IN WORKS AREA.
 - STEP 4 - INSTALL BOARDWALK SUPPORT PILES FROM BARGE FROM SOUTH TO NORTH.
 - STEP 5 - FILL FROM LAKE EDGE TO COMPLETED BACK ROW OF SUPPORT PILES FROM SOUTH TO NORTH
 - STEP 6 - PLACE ROCK ARMOUR AROUND BOARDWALK SUPPORT PILES AND FORM WORKING PLATFORM FOR BEAM PLACEMENT.
 - STEP 7 - ADJUST PILE HEIGHTS.
 - STEP 8 - FILL OF CIRCULAR HOLLOW SECTION PILES WITH CONCRETE.
 - STEP 9 - PLACE PRE-CAST CONCRETE PILE CAP BEAMS (NOTE END PILE CAPS WILL BE CAST IN-SITU)
 - STEP 10 - PLACE STORMWATER OUTLETS.
 - STEP 11 - COMPLETE ROCK ARMOUR AROUND BEAMS.
 - STEP 12 - PLACE CANTILEVER PRE-CAST PLANKS.
 - STEP 13 - INSTALL ELECTRICAL CONDUIT - PROGRESSIVELY AS SLAB PLACEMENT PROGRESSES.
 - STEP 14 - INSTALL STREET LIGHTING AND STREET FURNITURE.
 - STEP 15 - MONITOR SETTLEMENT AND TOP UP FILL AS REQUIRED.



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ACT Government
City Renewal Authority

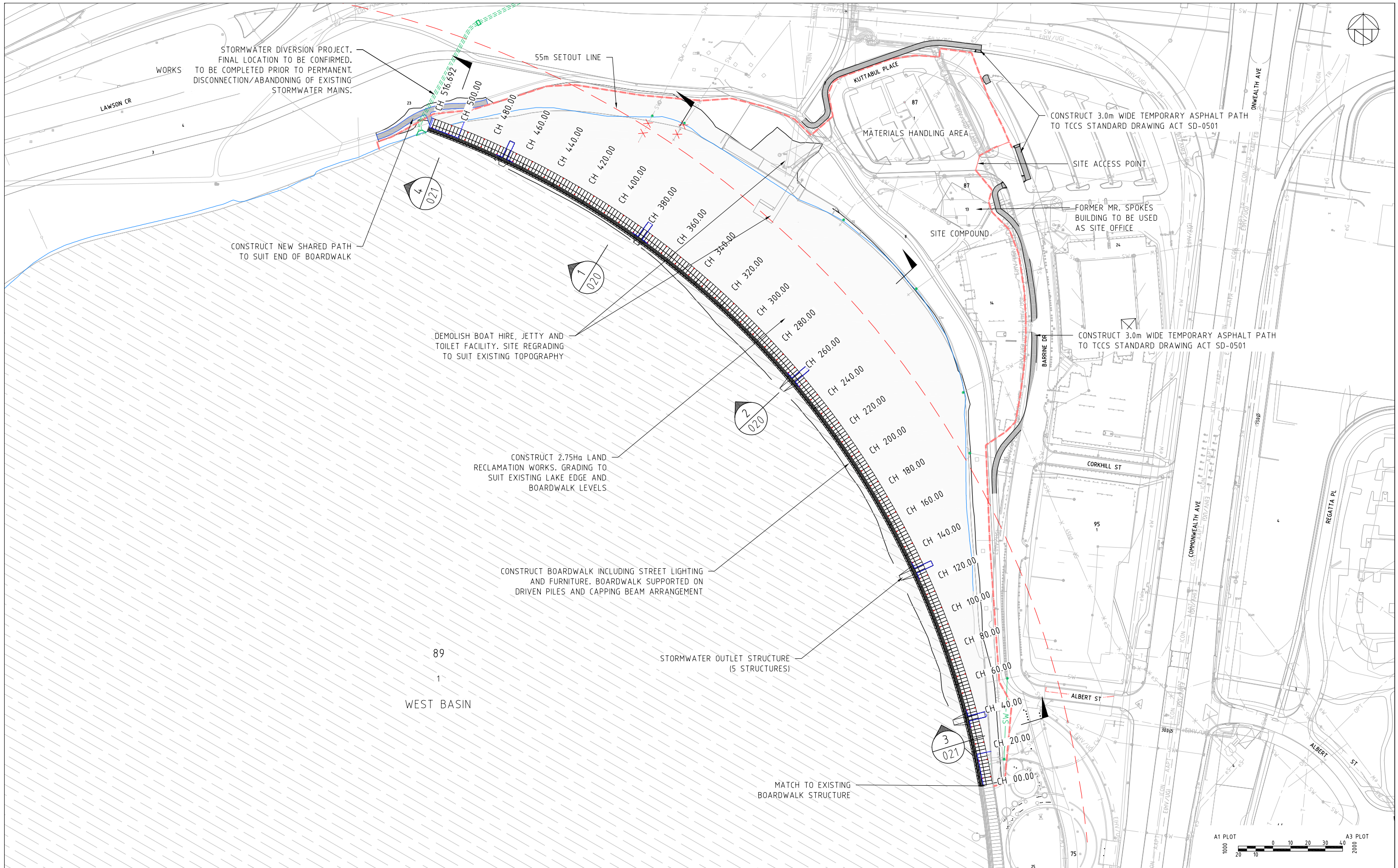
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WEST BASIN
PHASE 2

DRAWING TITLE STAGING PLAN		
PROJECT No. 6617-01	DRAWING No. 006	AMDT J




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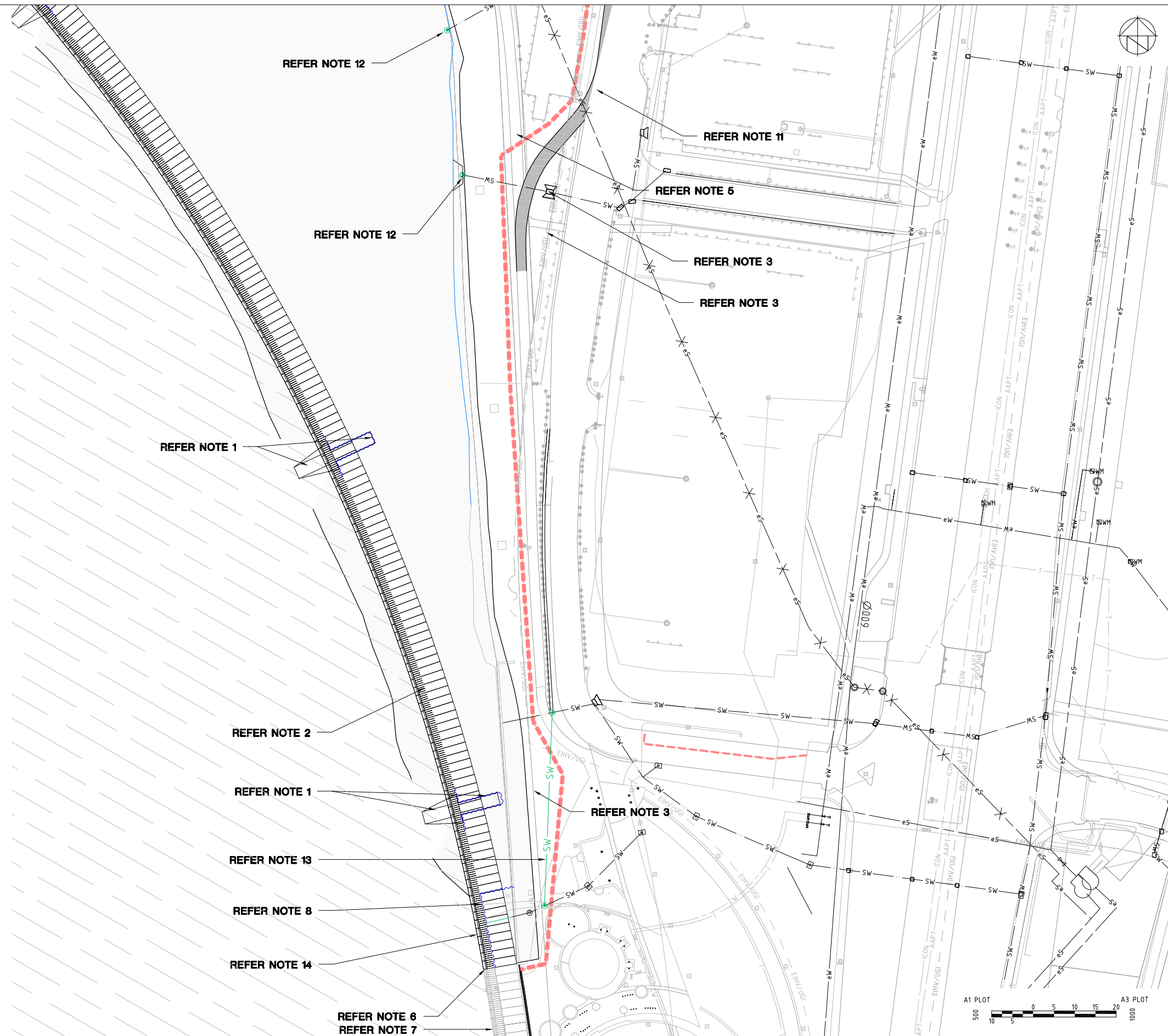
PROJECT
WEST BASIN PHASE 2

DRAWING TITLE
 GENERAL ARRANGEMENT AND CHAINAGE PLAN

PROJECT No.	DRAWING No.	AMT
6617-01	007	J

NOTES:

1. CONSTRUCT STORMWATER OUTLET ARRANGEMENT UNDER BOARDWALK. REFER TO DRAWING (6617-01-020 & 6617-01-021) FOR DETAILS.
2. BOARDWALK SUPPORT STRUCTURE, INCLUDING DRIVEN PILES, CAPPING BEAMS AND SLABS. REFER TO DRAWING (6617-01-600 TO 6617-01-628) FOR DETAILS.
3. EXISTING SERVICES TO BE LOCATED AND PROTECTED FOR DURATION OF CONSTRUCTION ACTIVITIES.
4. TREE REMOVAL. REFER TO TREE MANAGEMENT PROTECTION PLAN DRAWINGS 6617-01-91 AND 6617-01-92 FOR DETAILS.
5. EXISTING SHARED PATH CLOSED FOR DURATION OF THE WORKS. AT THE COMPLETION OF THE WORKS, BREAKOUT AND REMOVE THE SHARED PATH AND CONSTRUCT NEW SHARED PATH TO MATCH EXISTING LEVELS. SHARED PATH TO BE CONSTRUCTED TO TCCS STANDARD DRAWINGS.
6. BOARDWALK CONNECTION DETAIL TO EXISTING STRUCTURE (SOUTHERN END) AND EXISTING LAKE EDGE (NORTHERN EDGE). REFER STRUCTURAL DRAWING (6617-01-600 TO 6617-01-628) FOR DETAILS.
7. WORK SITE ACCESS (SOUTHERN END). MAINTAIN ACCESS INCLUDING APPROPRIATE EROSION AND SEDIMENT CONTROLS FOR THE DURATION OF THE PROJECT.
8. SHEET PILE WALL. REFER STRUCTURAL DRAWING (6617-01-600 TO 6617-01-628) FOR DETAILS.
9. SEAL AND ABANDON REDUNDANT STORMWATER PIPES. REFER STORMWATER DIVERSION DRAWING SET FOR DETAILS (6617-03).
10. SHARED PATH WORKS. BREAKOUT AND REMOVE EXISTING SECTION OF SHARED PATH. CONSTRUCT 70m SECTION OF TEMPORARY SHARED PATH TO NEW LEVELS. REFER TO DRAWING (6617-01-080 TO 6617-01-088) FOR DETAILS.
11. CONSTRUCT 3.0m WIDE TEMPORARY ASPHALT PATH TO TCCS STANDARD DRAWING ACT SD-0501.
12. CONSTRUCT STORMWATER SPECIAL STRUCTURE. FOR DETAILS REFER TO DRAWING 6617-01-014.
13. DIVERT STORMWATER PIPE.
14. CONSTRUCT INLET PIPE FOR WET WELL, EXTEND STORMWATER PIPE.



No.	AMENDMENT	APPROVED	DATE	DESIGNED BY	PRINCIPAL
K	FOR WORKS APPROVAL	AN	2020.03.12	RJ	
J	FOR TENDER	AN	2020.02.27	RJ	
H	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
F	FOR TENDER	AN	2020.01.31	RJ	
E	FOR GCS PRICING	VL	2019.05.24	AMG	
D	FOR APPROVAL	VL	2018.11.08	RJ	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	




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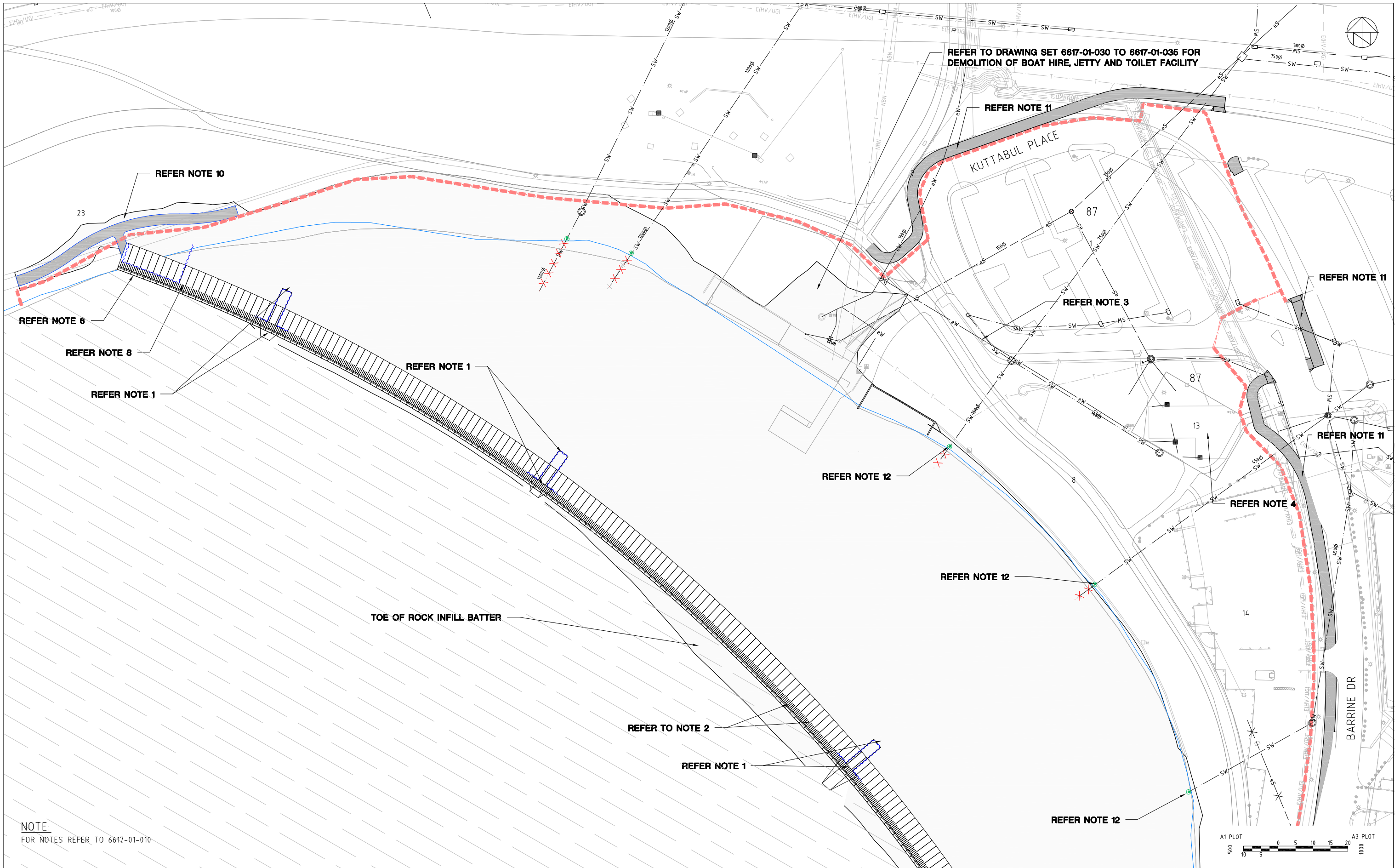
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CHECKED	AC/JKR	DATE	2018.09.04
DESIGNED BY	L. MAYERS		
DRAWN BY	SG		
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PROJECT
WEST BASIN PHASE 2

DRAWING TITLE
 CONSTRUCTION DETAILS PLAN
 SHEET 1 OF 2

PROJECT No.	6617-01	DRAWING No.	010	AMDT	K
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NOTE:
FOR NOTES REFER TO 6617-01-010

No.	AMENDMENT	APPROVED	DATE	AMDR BY	PRINCIPAL
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J	FOR TENDER	AN	2020.02.27	RJ	
H	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
F	FOR TENDER	AN	2020.01.31	RJ	
E	FOR GCS PRICING	VL	2019.05.24	AMG	
D	FOR APPROVAL	VL	2018.11.08	RJ	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	

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CHECKED	AC/JKR	DATE	2018.09.04
DESIGNED BY	L. MAYERS		
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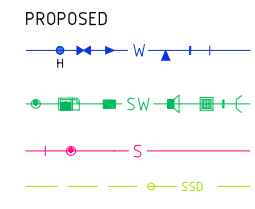
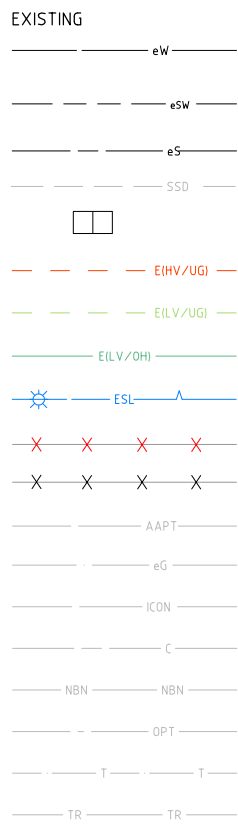
PROJECT

**WEST BASIN
PHASE 2**

DRAWING TITLE

**CONSTRUCTION DETAILS PLAN
SHEET 2 OF 2**

PROJECT No.	6617-01	DRAWING No.	011	AMDT	K
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LEGEND

WATERMAIN, FIRE HYDRANT, SLUICE VALVE, REDUCER, THRUST BLOCK, SCOUR STOP/THRUST WALL

STORMWATER, MAN HOLE, KIS, PLANTATION & GRATED SUMP, SCOUR STOP, HEADWALL

SEWER MAIN, SCOUR STOP, MAINTENANCE HOLE,

SUBSOIL DRAIN WITH FLUSHING POINT

ELECTRICAL SUBSTATION

ELECTRICITY HIGH VOLTAGE UNDERGROUND

ELECTRICITY LOW VOLTAGE UNDERGROUND

ELECTRICITY LOW VOLTAGE OVERHEAD

ELECTRICITY (STREET LIGHT CABLE), STREET LIGHT

EXISTING SERVICE TO BE REMOVED

EXISTING SERVICE ABANDONED

AAPT

GAS

ICON

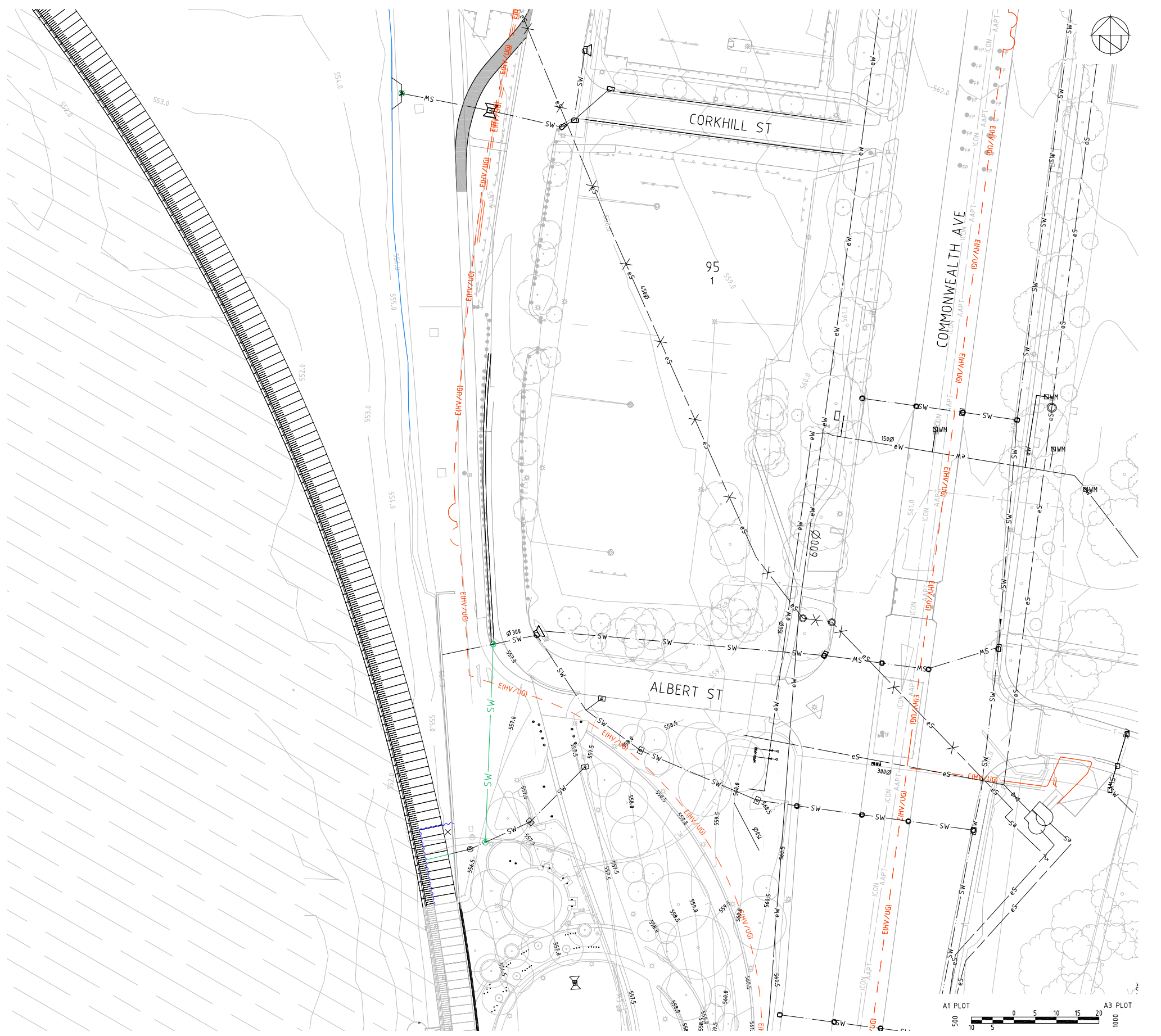
COMMUNICATIONS

NBN

OPTUS

TELSTRA

TRANSACT



No.	AMENDMENT	APPROVED	DATE	AMEND BY	PRINCIPAL
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H	FOR TENDER	AN	2020.02.27	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
F	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
E	FOR TENDER	AN	2020.01.31	RJ	
D	FOR GCS PRICING	VL	2019.05.24	AMG	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	



PRINCIPAL CONTRACTOR

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CHECKED	AC/JKR	DATE	2018.09.04
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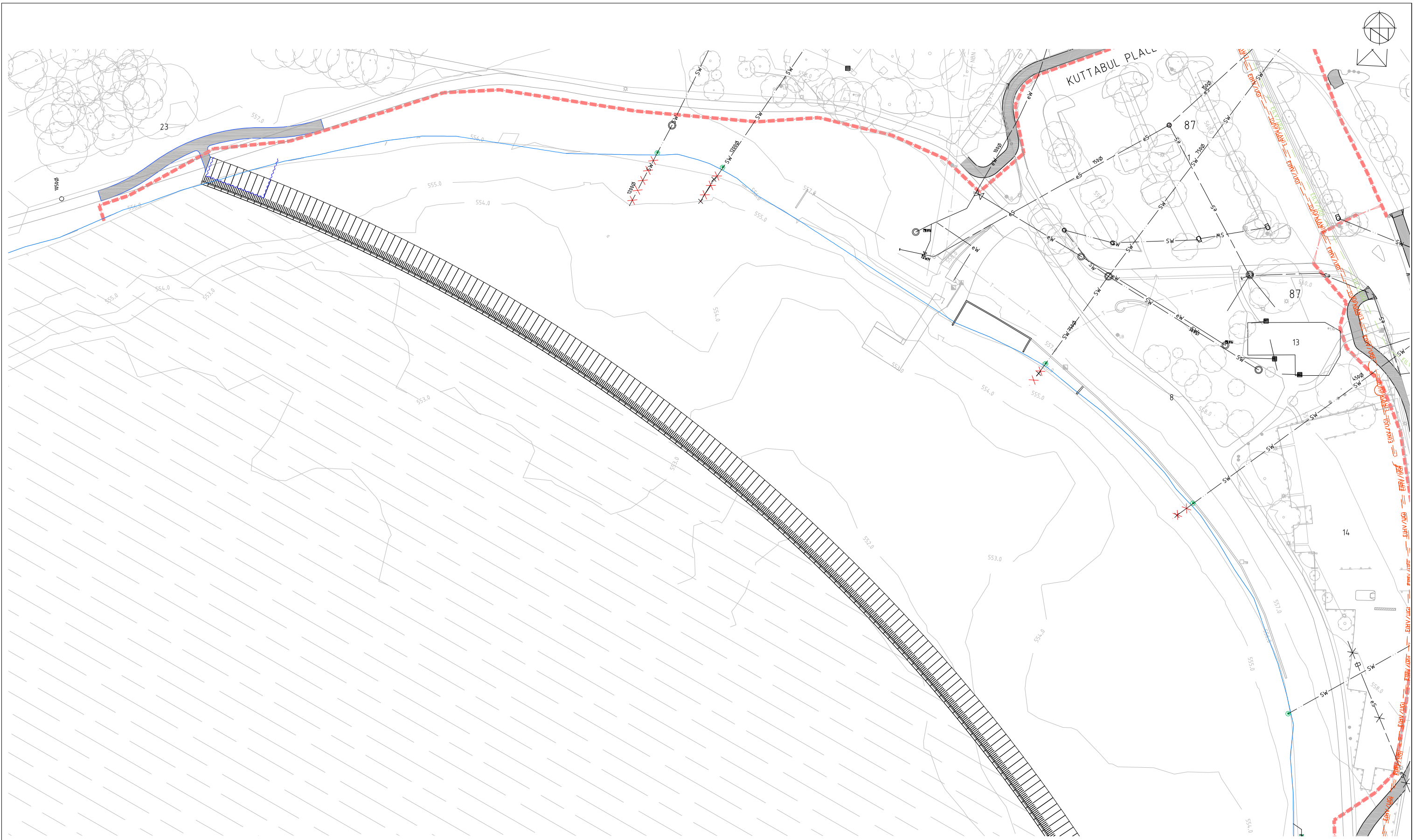
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WEST BASIN PHASE 2

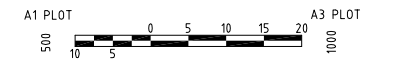
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UTILITIES PLAN
SHEET 1 OF 2

PROJECT No.	6617-01	DRAWING No.	012	AMDT	J
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NOTE:
FOR LEGEND REFER TO 6617-01-012



No.	AMENDMENT	APPROVED	DATE	ORDER BY	PRINCIPAL
J	FOR WORKS APPROVAL	AN	2020.03.12	RJ	
H	FOR TENDER	AN	2020.02.27	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
F	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
E	FOR TENDER	AN	2020.01.31	RJ	
D	FOR GCS PRICING	VL	2019.05.24	AMG	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	


ACT Government

City Renewal Authority

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APPROVED	VL	DATE	2018.09.04
CHECKED	AC/JKR	DATE	2018.09.04
DESIGNED BY	L. MAYERS		
DRAWN BY	SG		
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WEST BASIN PHASE 2

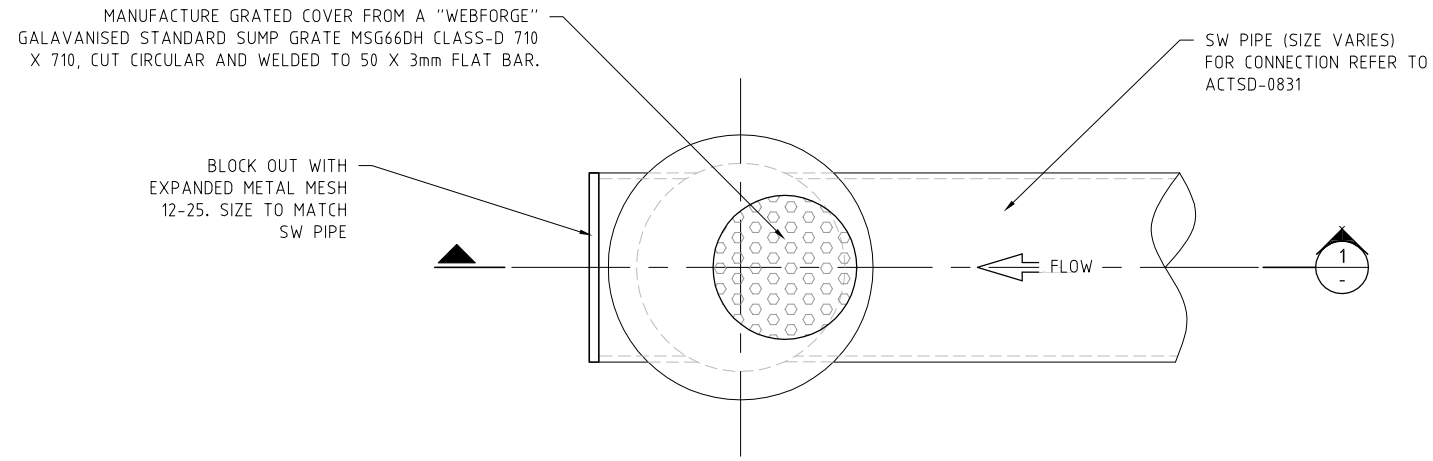
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UTILITIES PLAN SHEET 2 OF 2		
PROJECT No.	DRAWING No.	AMT
6617-01	013	J

NOTES:

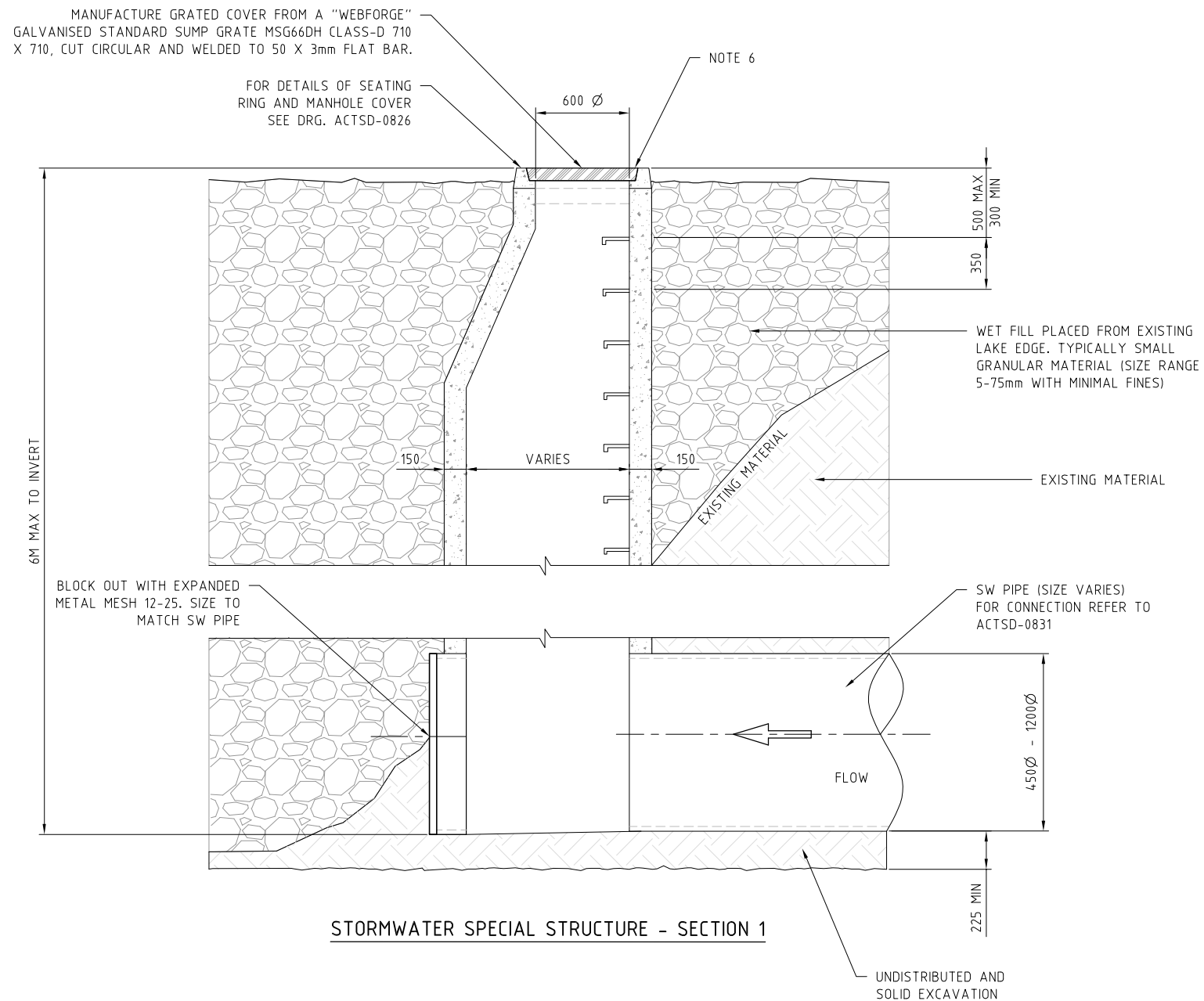
1. REFER TO DRAWING ACTSD-0000 FOR GENERAL NOTES.
2. MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 32MPA TO AS 3600.
3. SPECIAL CHAMBERED MANHOLES ARE REQUIRED FOR MAINS 750 AND LARGER. REFER TO DRAWING ACTSD-0828.
4. CONNECTIONS INTO STORMWATER MANHOLES SHALL BE MADE IN ACCORDANCE WITH DRAWING ACTSD-0827.
5. IN TRAFFICABLE AREAS AND WHERE SHOWN ON DESIGN DRAWINGS, HEAVY DUTY ACCESS COVERS SHALL BE USED.
6. COVER LEVELS SHALL BE FLUSH WITH THE FINISHED SURFACE IN PAVED AREAS AND LANDSCAPED AREAS AND 100 ABOVE NATURAL SURFACE ELSEWHERE.
7. STEP IRONS SHALL BE PROVIDED IN ACCORDANCE WITH DRAWING ACTSD-0830.
8. MINIMUM FALL THROUGH MANHOLE SHALL BE 50.
9. ALL DIMENSIONS SHOWN IN mm UNO.

PRECAST MANHOLES:

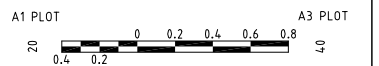
PRECAST MANHOLES ARE AN ACCEPTABLE ALTERNATIVE PROVIDED THEY HAVE MINIMUM INTERNAL DIMENSIONS SHOWN ON THIS DRAWING. ALL PRE-CAST MANHOLES ARE TO BE STRUCTURALLY CERTIFIED BY THE MANUFACTURER.



STORMWATER SPECIAL STRUCTURE PLAN



STORMWATER SPECIAL STRUCTURE - SECTION 1



No.	AMENDMENT	APPROVED	DATE	DESIGNED BY	PRINCIPAL
J	FOR WORKS APPROVAL	AN	2020.03.12	RJ	
H	FOR TENDER	AN	2020.02.27	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
F	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
E	FOR TENDER	AN	2020.01.31	RJ	
D	FOR GCS PRICING	VL	2019.05.24	AMG	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	

ACT Government
City Renewal Authority

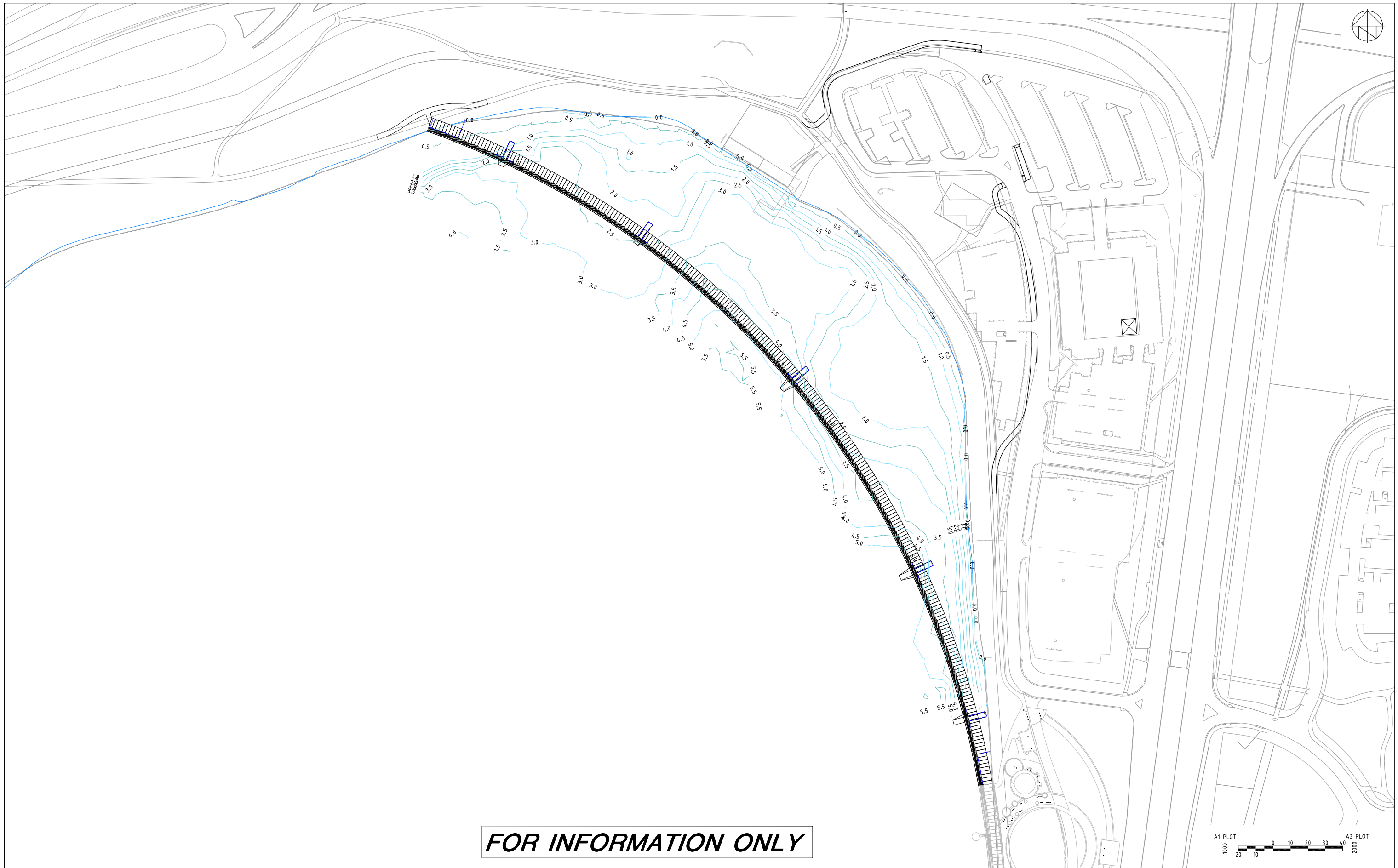
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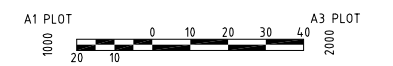
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CHECKED	AC/JKR	DATE	2018.09.04
DESIGNED BY	L. MAYERS		
DRAWN BY	SG		
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WEST BASIN
PHASE 2

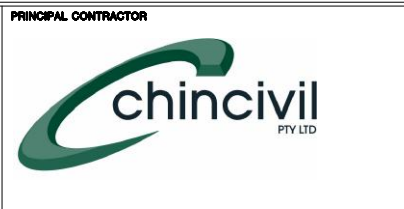
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PROJECT No. 6617-01	DRAWING No. 014	AMDT J



FOR INFORMATION ONLY



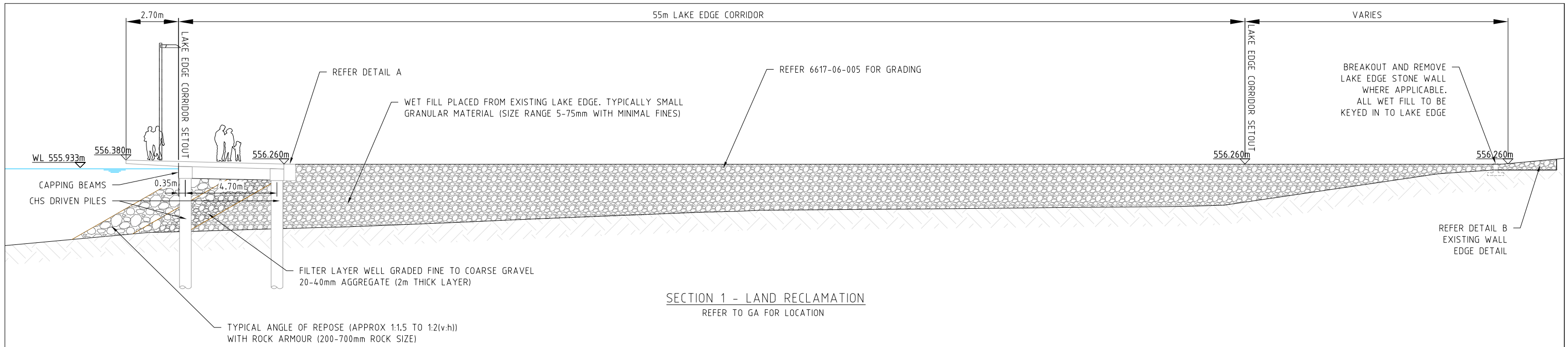
No.	AMENDMENT	APPROVED	DATE	DESIGNED BY	PRINCIPAL
J	FOR WORKS APPROVAL	AN	2020.03.12	RJ	
H	FOR TENDER	AN	2020.02.27	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
F	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
E	FOR TENDER	AN	2020.01.31	RJ	
D	FOR GCS PRICING	VL	2019.05.24	AMG	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	



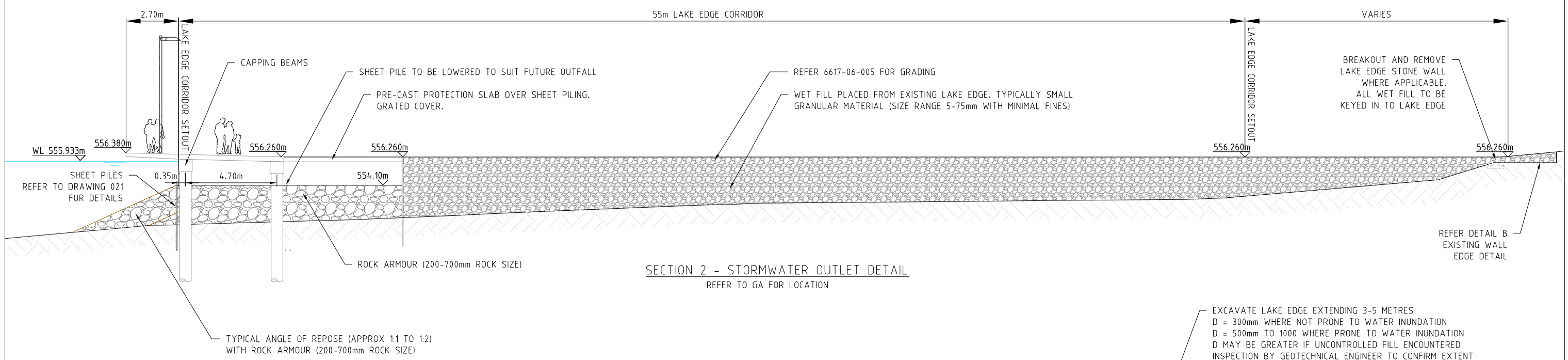
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DESIGNED BY	L. MAYERS		
DRAWN BY	SG		
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PROJECT
**WEST BASIN
PHASE 2**

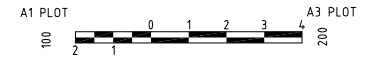
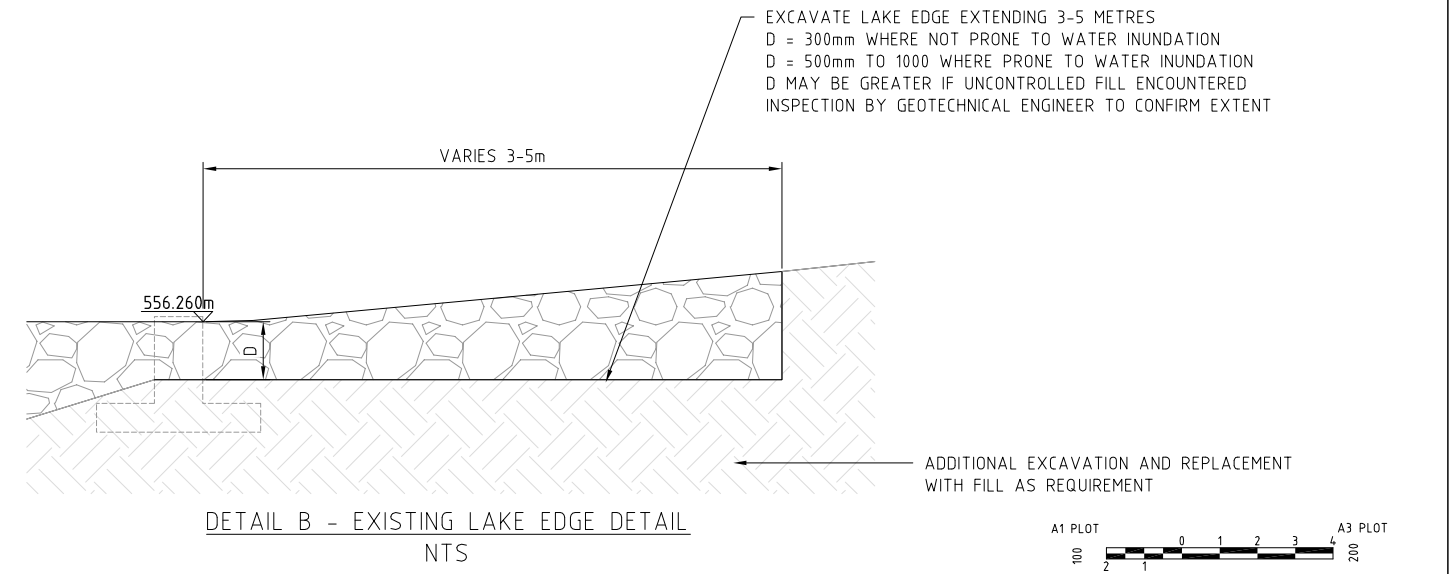
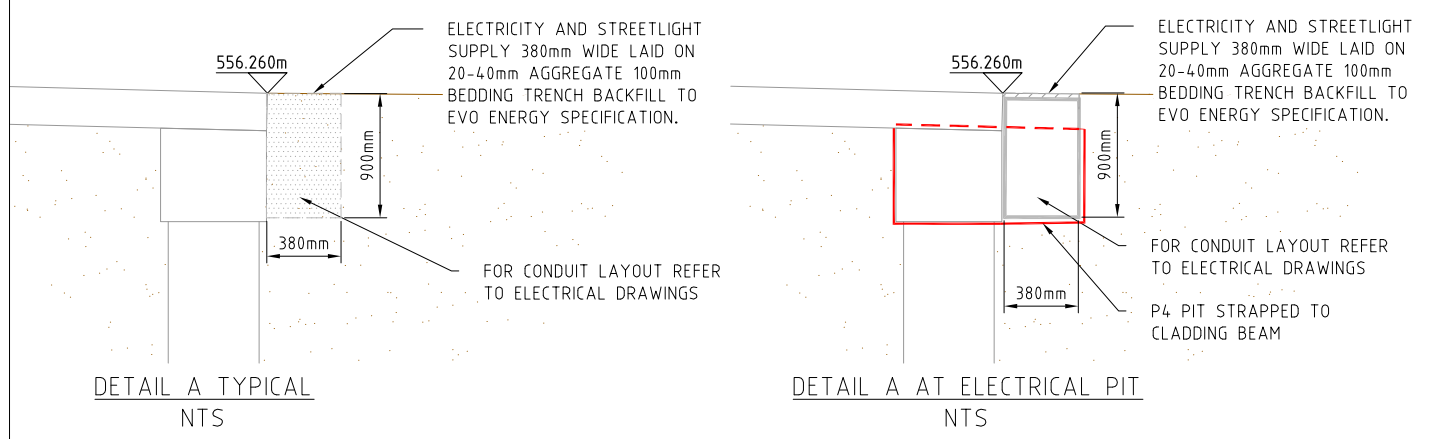
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DEPTH CONTOURS PLAN		
PROJECT No.	DRAWING No.	AMDT
6617-01	015	J



SECTION 1 - LAND RECLAMATION
REFER TO GA FOR LOCATION



SECTION 2 - STORMWATER OUTLET DETAIL
REFER TO GA FOR LOCATION



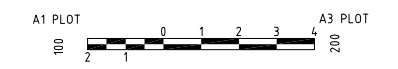
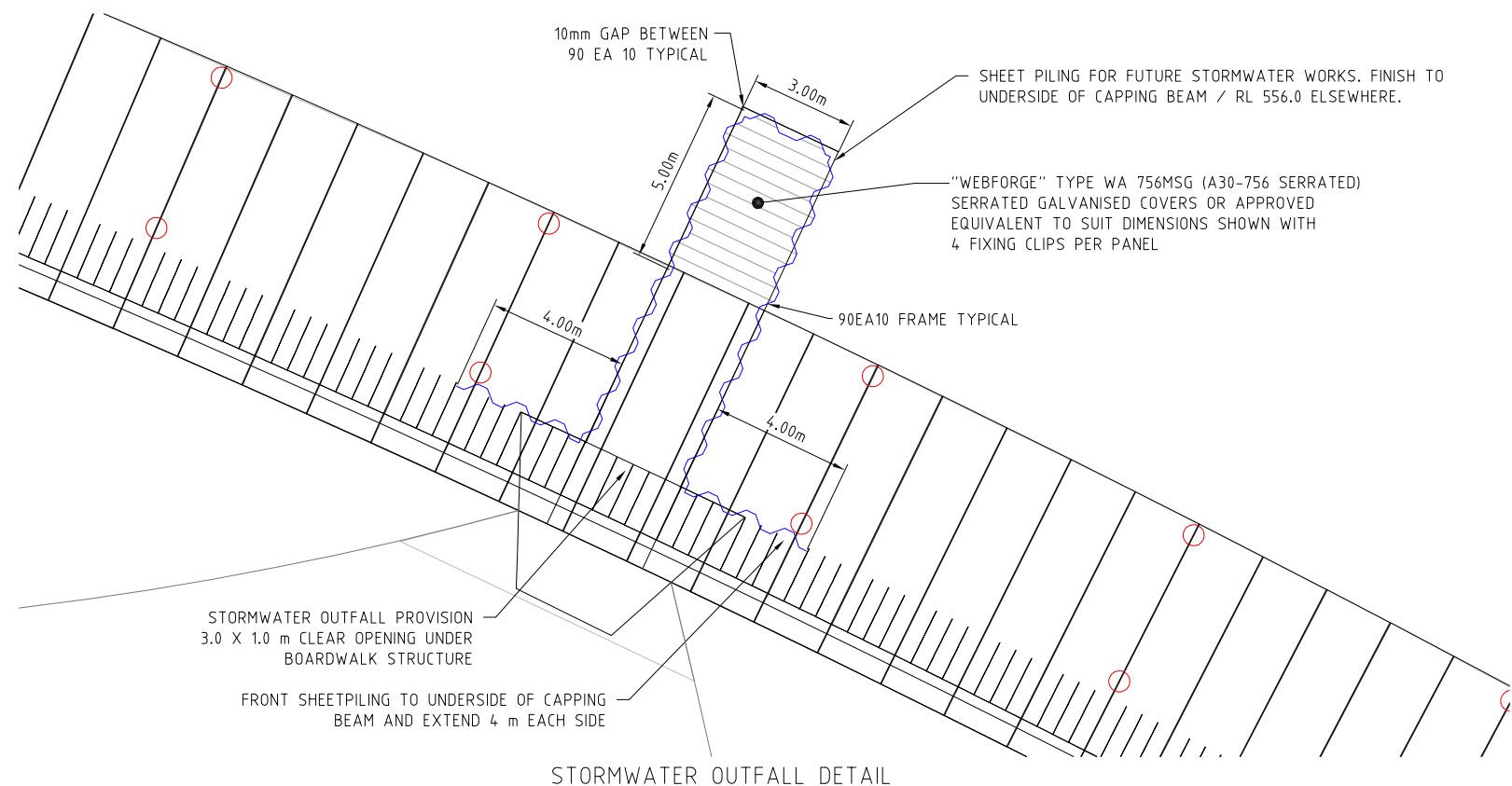
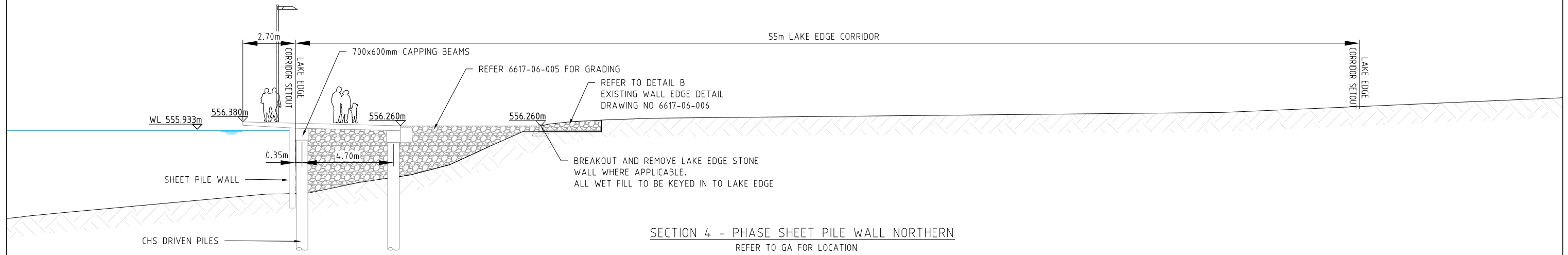
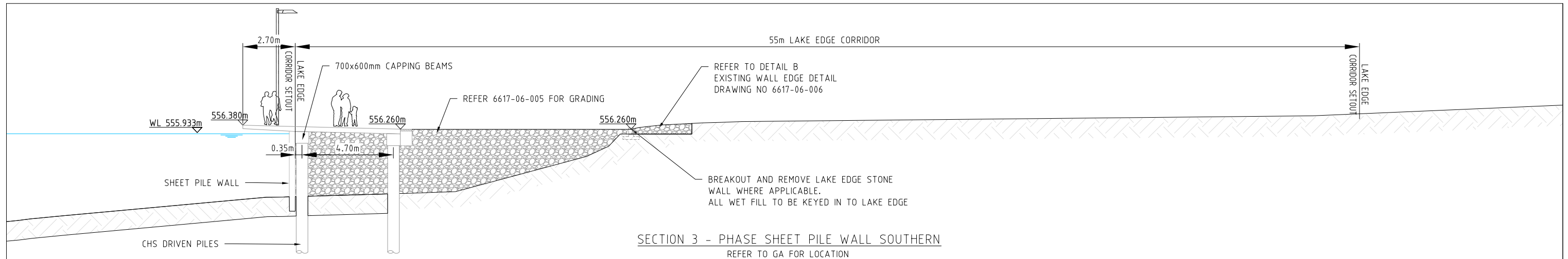
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J	FOR TENDER	AN	2020.02.27	RJ	
H	FOR WORKS APPROVAL	AN	2020.02.25	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
F	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
E	FOR TENDER	AN	2020.01.31	RJ	
D	FOR GCS PRICING	VL	2019.05.24	AMG	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	



APPROVED	DATE
VL	2018.09.04
CHECKED	DATE
AC/JKR	2018.09.04
DESIGNED BY	L. MAYERS
DRAWN BY	SG
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PROJECT
WEST BASIN PHASE 2

DRAWING TITLE		
TYPICAL CROSS SECTIONS SHEET 1 OF 2		
PROJECT No.	DRAWING No.	AMDT
6617-01	020	K



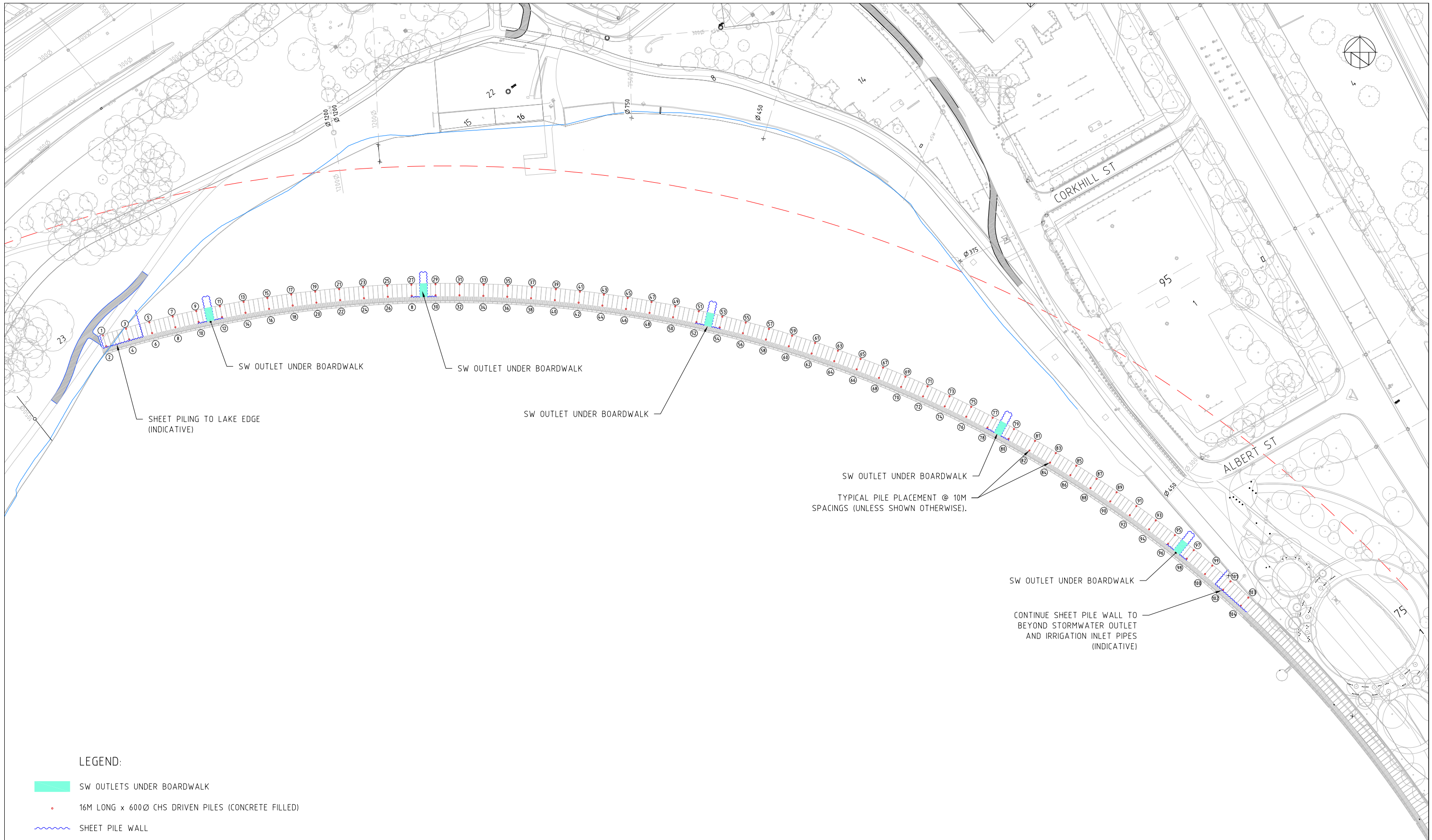
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J	FOR WORKS APPROVAL	AN	2020.03.12	RJ	
H	FOR TENDER	AN	2020.02.27	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
F	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
E	FOR TENDER	AN	2020.01.31	RJ	
D	FOR GCS PRICING	VL	2019.05.24	AMG	
C	FOR APPROVAL	VL	2018.10.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	



APPROVED	DATE
VL	2018.09.04
CHECKED	DATE
AC/JKR	2018.09.04
DESIGNED BY	L. MAYERS
DRAWN BY	SG
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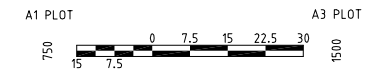
PROJECT
WEST BASIN PHASE 2

DRAWING TITLE		
TYPICAL CROSS SECTIONS SHEET 2 OF 2		
PROJECT No.	DRAWING No.	AMDT
6617-01	021	J



LEGEND:

- SW OUTLETS UNDER BOARDWALK
- 16M LONG x 600Ø CHS DRIVEN PILES (CONCRETE FILLED)
- SHEET PILE WALL



No.	AMENDMENT	APPROVED	DATE	DESIGNED BY	PRINCIPAL
G	FOR WORKS APPROVAL	AN	2020.03.12	RJ	
F	FOR TENDER	AN	2020.02.27	RJ	
E	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
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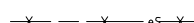





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APPROVED	VL	DATE	2018.09.04
CHECKED	AC/JKR	DATE	2018.09.04
DESIGNED BY	L. MAYERS		
DRAWN BY	SG		
CAD FILE	H:\6617 West Basin W42 Design Phase\Acad\Current Drawings\Civil\B1 Detail Design\6617-01-022 PEIR SETOUT PLAN.dwg		

**WEST BASIN
 PHASE 2**

DRAWING TITLE PEIR SETOUT PLAN		
PROJECT No. 6617-01	DRAWING No. 022	AMDT G

LEGEND:

-  PATH/ PAVEMENT TO BE DEMOLISHED
-  TREE TO BE REMOVED FOR DETAILS REFER TO LANDSCAPE DRAWINGS
-  SERVICES TO BE ABANDONED
-  DISCONNECT AND REMOVE SERVICES
-  SITE ACCESS
-  GATE
-  TREE PROTECTION FENCE
-  1.8M HIGH TEMPORARY PROTECTION FENCE TO BE MAINTAINED IN GOOD CONDITION FOR DURATION OF CONSTRUCTION. UNDER SEPERATE CONTRACT.

NOTE

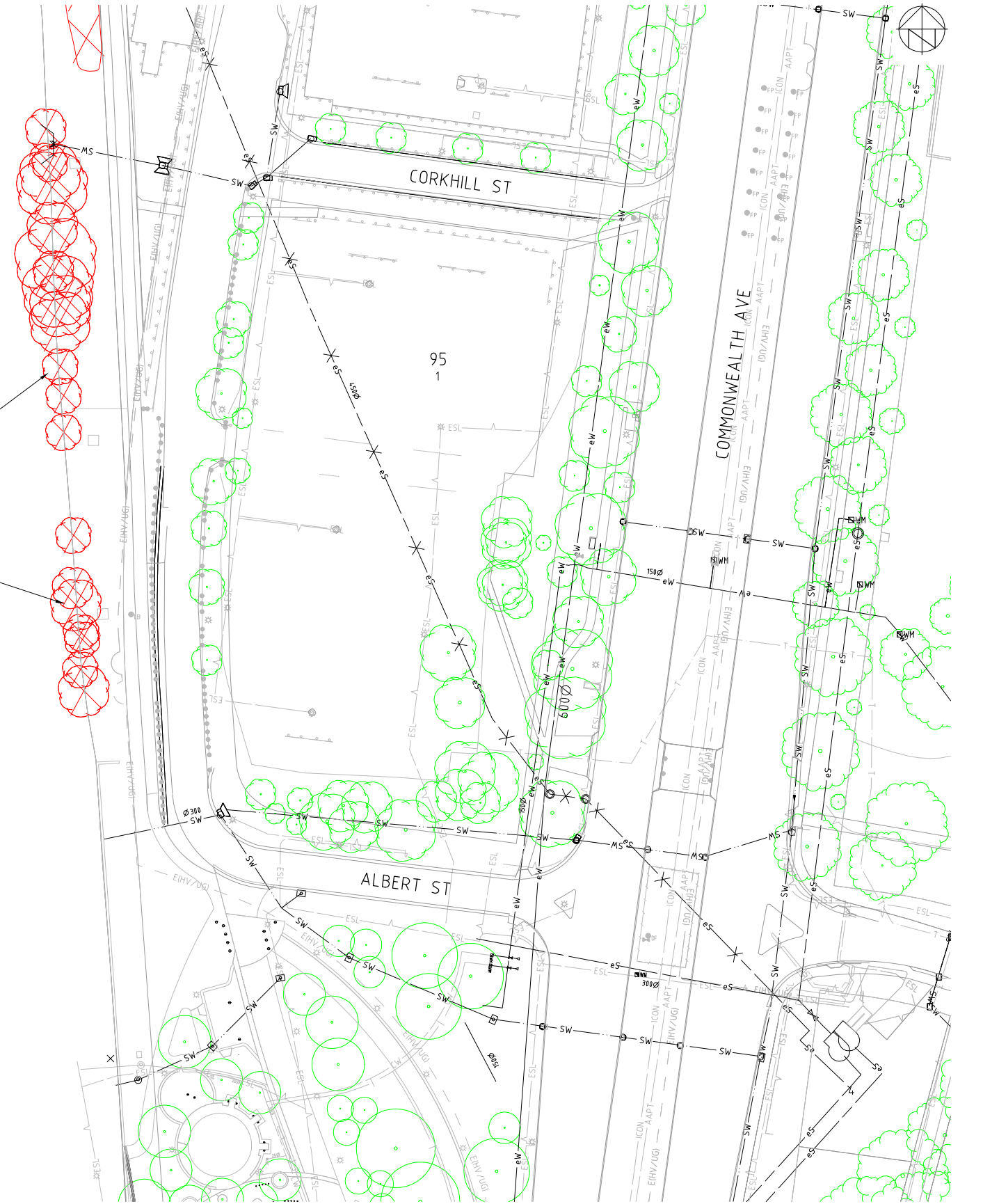
1. FOR DEMOLITION OF LINEMARKING AND SIGNS REFER TO TCD DEMOLITION PLANS.
2. THE EXTERNAL SERVICES ARE TO BE DISCONNECTED BY RESPECTIVE AUTHORITIES AND ALL TIES SEALED PRIOR TO COMMENCEMENT OF DEMOLITION. REFER SERVICES DISCONNECTION PLAN.
3. ALL INTERNAL SERVICES AND INFRASTRUCTURE ARE TO BE REMOVED UNLESS OTHERWISE NOTED.
4. CONTOURS WERE OBTAINED FROM SURVEY CONDUCTED ON MAY 2017 BY STEGER & ASSOCIATES REGISTERED LAND SURVEYORS.
5. EXISTING SERVICE LAYOUT IS BASED ON WORK AS EXECUTED AND DIAL BEFORE YOU DIG INFORMATION PROVIDED BY ACT GOVERNMENT AUTHORITIES, ACTEW CORPORATION LTD AND UTILITY SERVICES AUTHORITIES. WHILST EVERY EFFORT HAS BEEN MADE TO ENSURE THE COMPLETENESS AND ACCURACY OF THIS INFORMATION NEITHER IS WARRANTED OR GUARANTEED BY INDESCO PTY LIMITED. THE INFORMATION SHOULD BE CONFIRMED BY A FIELD SURVEY. CONSEQUENTLY PROPOSALS REGARDING FURTHER SERVICING OF THE SUBJECT LAND, WHILST BASED ON SOUND ENGINEERING PRINCIPLES AND JUDGEMENTS, ARE SUBJECT TO THE COMPLETENESS AND ACCURACY OF THE INFORMATION REGARDING THE EXISTING SERVICES.
6. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ICON WATER SUPPLY AND SEWERAGE STANDARDS, RELEASE 2, DECEMBER 2008, AND ALL AMENDMENTS, AND URBAN SERVICES STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE WORKS EDITION 1 AND ALL REVISIONS.
7. WORKS UNDER THE CONTROL OF THE PLUMBING INSPECTORS TO BE CARRIED OUT IN ACCORDANCE WITH THE CANBERRA SEWERAGE AND WATER SUPPLY REGULATIONS AND AS3500.
8. SEWER AND WATER CONNECTIONS AND DISCONNECTIONS AT MAIN BY ICON WATER AT THE CONTRACTORS EXPENSE.
9. THE CONTRACTOR MUST SECURE ALL PERMITS, ARRANGE ALL CLEARANCES AND PAY ALL FEES REQUIRED TO COMPLETE THE PROJECT PRIOR TO THE COMMENCEMENT OF WORK.
10. ALTHOUGH THE POSITION OF EXISTING UNDERGROUND SERVICES HAS BEEN PLOTTED FROM AVAILABLE RECORDS, THE CONTRACTOR MUST DIG TEST PITS BY HAND AT UTILITY CROSSINGS AND/OR CONNECTIONS IN ADVANCE OF TRENCHING.
11. SERVICES TO BE REMOVED ARE TO BE CUT 2M OUTSIDE EXISTING TREE CANOPIES AND ABANDONED BELOW THE TREE PROTECTION ZONE.
12. ALL TRENCHES TO BE BACKFILLED AND COMPACTED TO MIN. 90% MMDD IN MAX. 150mm LAYERS.
13. EXCAVATION WITHIN TREE PROTECTION ZONE FOR DISCONNECTION SHALL BE BY HYDRO DIGGER OR HAND EXCAVATION. A QUALIFIED ARBORIST MUST BE PRESENT DURING EXCAVATION TO SUPERVISE TREE PROTECTION MEASURES.
14. CONTRACTOR TO REINSTATE FOOTPATHS TO EXISTING STANDARD OR BETTER.

**WEST BASIN PROJECT STAGE 1 PHASE 2
INTERIM WORKS POINT PARK**

DEMOLITION WORKS INCLUDE:

1. REMOVE GRASS & TOPSOIL
2. DEMOLISH PAVEMENTS, KERBS & STRUCTURES IN CAR PARK, DEMOLISH LAKE EDGE WALLS.
3. DEMOLISH/REMOVE SERVICES
4. REMOVE TREES
5. MAINTAIN EXISTING WC'S IN BUILDING
6. DEMOLISH BOAT HIRE BUILDING AND ASSOCIATED WARF.

REMOVE TREES ALONG LAKE EDGE



No.	AMENDMENT	APPROVED	DATE	APPROVED BY	PRINCIPAL
J	FOR WORKS APPROVAL	AN	2020.03.12	RJ	
H	FOR TENDER	AN	2020.02.27	RJ	
G	FOR WORKS APPROVAL	AN	2020.02.17	RJ	
F	FOR WORKS APPROVAL	AN	2020.02.11	RJ	
E	FOR TENDER	AN	2020.01.31	RJ	
D	FOR GCS PRICING	VL	2019.05.24	AMG	
C	FOR APPROVAL	VL	2018.11.10	RJ	
B	FOR DETAILED DESIGN	VL	2018.09.04	RJ	
A	GENERAL REVISIONS	JR	2018.07.25	RJ	



APPROVED	DATE
VL	2018.09.04
CHECKED	DATE
AC/JKR	2018.09.04
DESIGNED BY	L. MAYERS
DRAWN BY	SG
CAD FILE	\\16417 West Basin W42 Design Phase\Acad\Current Drawings\Civil\B1 Detail Design\16417-01-030 DEMO OVERALL.dwg

PROJECT
**WEST BASIN
PHASE 2**

DRAWING TITLE		
DEMOLITION PLAN - OVERALL SHEET 1 OF 2		
PROJECT No.	DRAWING No.	AMDT
6617-01	030	J