

PROPOSED DEVELOPMENT

ORICA SOUTHLANDS

McPHERSON STREET, BOTANY NSW

DRAWING LIST

DRAWING NO.	DRAWING TITLE
C0934.9.06-C-10	DRAWING LIST & GENERAL NOTES
C0934.9.06-C-20	EROSION AND SEDIMENT CONTROL PLAN
C0934.9.06-C-25	EROSION AND SEDIMENT CONTROL DETAILS
C0934.9.06-C-30	BULK EARTHWORKS PLAN
C0934.9.06-C-35	BULK EARTHWORKS SECTIONS - SHEET 1
C0934.9.06-C-36	BULK EARTHWORKS SECTIONS - SHEET 2
C0934.9.06-C-40	STORMWATER DRAINAGE MASTERPLAN
C0934.9.06-C-41	STORMWATER DRAINAGE PLAN - SHEET 1
C0934.9.06-C-42	STORMWATER DRAINAGE PLAN - SHEET 2
C0934.9.06-C-43	STORMWATER DRAINAGE PLAN - SHEET 3
C0934.9.06-C-44	STORMWATER DRAINAGE PLAN - SHEET 4
C0934.9.06-C-45	STORMWATER DRAINAGE DETAILS - SHEET 1
C0934.9.06-C-46	STORMWATER DRAINAGE DETAILS - SHEET 2
C0934.9.06-C-48	STORMWATER DRAINAGE LONGSECTIONS
C0934.9.06-C-51	FINISHED LEVELS PLAN - SHEET 1
C0934.9.06-C-52	FINISHED LEVELS PLAN - SHEET 2
C0934.9.06-C-53	FINISHED LEVELS PLAN - SHEET 3
C0934.9.06-C-54	FINISHED LEVELS PLAN - SHEET 4
C0934.9.06-C-55	FINISHED LEVELS TYPICAL SECTIONS - SHEET 1
C0934.9.06-C-56	FINISHED LEVELS TYPICAL SECTIONS - SHEET 2
C0934.9.06-C-57	FINISHED LEVELS TYPICAL SECTIONS - SHEET 3
C0934.9.06-C-61	RETAINING WALL PLAN
C0934.9.06-C-62	RETAINING WALL ELEVATIONS
C0934.9.06-C-65	RETAINING WALL DETAILS

GENERAL NOTES:

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE VARYED BY THE PROJECT SPECIFICATION.
- ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER ON SITE.
- ENGINEER'S DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS. ENGINEER DRAWINGS ISSUED IN ELECTRONIC FORMAT MUST BE USED FOR CONSTRUCTION. ANY DIMENSIONS REFERRED TO THE ARCHITECT'S DRAWINGS FOR ALL DIMENSIONAL SETOUT INFORMATION.
- DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED. TEMPORARY BRACING SHALL BE PROVIDED BY THE BUILDER TO KEEP THE WORKS AND EXCAVATIONS STABLE AT ALL TIMES.
- UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.
- ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH ACCEPTABLE SAFETY STANDARDS & APPROPRIATE SAFETY SIGNS SHALL BE INSTALLED AT ALL TIMES DURING THE PROGRESS OF THE JOB.

ELECTRONIC INFORMATION NOTES:

- THE ISSUED DRAWINGS IN HARD COPY OR PDF FORMAT TAKE PRECEDENCE OVER ANY ELECTRONICALLY ISSUED INFORMATION, LAYOUTS OR DESIGN MODELS.
- THE CONTRACTOR'S DIRECT AMENDMENT OR MANIPULATION OF THE DATA OR INFORMATION THAT MIGHT BE CONTAINED WITHIN AN ENGINEER-SUPPLIED DIGITAL TERMAN MODEL, AND ITS SUBSEQUENT USE TO UNDERTAKE THE WORKS WILL BE SOLELY AT THE DISCRETION OF AND THE RISK OF THE CONTRACTOR.
- THE CONTRACTOR IS REQUIRED TO HIGHLIGHT ANY DISCREPANCIES BETWEEN THE DIGITAL TERMAN MODEL AND INFORMATION PROVIDED IN THE CONTRACT AND/OR DRAWINGS AND IS REQUIRED TO SEEK CLARIFICATION FROM THE SUPERINTENDENT.
- THE ENGINEER WILL NOT BE LIABLE OR RESPONSIBLE FOR THE POSSIBLE ON-GOING NEED TO UPDATE THE DIGITAL TERMAN MODEL, SHOULD THERE BE ANY AMENDMENTS OR CHANGES TO THE DRAWINGS OR CONTRACT INITIATED BY THE CONTRACTOR.

SITE PREPARATION NOTES:

- ALL EARTHWORKS SHALL BE COMPLETED GENERALLY IN ACCORDANCE WITH THE GUIDELINES SPECIFIED BY THE GEOTECHNICAL REPORT PSY6268-005, PROVIDED BY PELL'S SULLIVAN NE VYNNK DATED 19/02/2015.
- EXISTING LEVELS ARE BASED ON INFORMATION PROVIDED BY CAROUD DESIGN DRAWINGS TITLED 210094-L-1.
- STRIP ANY TOP SOIL OR DELETERIOUS MATERIAL AND DISPOSE OF FROM SITE OR STORE AS DIRECTED.
- COMPLETE CUT TO FILL EARTHWORKS TO ACHIEVE THE REQUIRED LEVELS AS INDICATED ON THE DRAWINGS WITHIN A TOLERANCE OF +/-10mm/-10mm THROUGH BUILDING PADS/PAYEMENTS AND +/-20mm/-20mm ELSEWHERE.
- PREPARE STEEP BATTERS TO RECEIVE FILL BY CONSTRUCTING BENCHING TO FACILITATE FILL PLACEMENT AND COMPACTION.
- AREAS TO RECEIVE FILL THAT ARE NOT ON BENCHMARK BATTERS) AND AREAS IN CUT SHALL BE PROOF-ROLLED TO IDENTIFY ANY SOFT HEAVING MATERIAL. SOFT MATERIAL SHALL BE BOXED OUT AND REMOVED PRIOR TO FILL PLACEMENT.
- SITE WON FILL TO BE PLACED IN MAXIMUM 300mm LOOSE LAYERS AND COMPACTED TO 100% STANDARD AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
- IMPORTED FILL SHALL BE PLACED IN MAXIMUM 300mm LOOSE LAYERS AND COMPACTED TO 100% STANDARD AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
- MAXIMUM PARTICLE SIZE TO BE THE SMALLER OF 150mm OR HALF THE LOOSEST LAYER THICKNESS AND/OR TWO THIRDS THE LAYER THICKNESS AFTER COMPACTION.
- ALL EARTHWORKS SHALL BE COMPLETED UNDER LEVEL 1 CONTROL IN ACCORDANCE WITH AS 3798-2007.
- PRIOR TO ANY EARTHWORKS, EROSION CONTROL AS OUTLINED IN THE EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE COMPLETED.
- EXISTING ROCK, IF ANY, SHALL BE REMOVED BY HEAVY ROCK BREAKING OR RIPPING.
- MATCH EXISTING LEVELS AT BATTER INTERFACE.
- CONTRACTOR TO MATCH EXISTING LEVELS AT THE INTERFACE OF EARTHWORKS AND EXISTING SURFACE AT BATTER LOCATIONS OR WHERE NO RETAINING WALLS ARE PRESENT. ANY DISCREPANCY BETWEEN DESIGN AND EXISTING LEVELS TO BE REFERRED TO THE ENGINEER FOR DIRECTION OR ADJUSTMENTS TO DESIGN LEVELS.

CONTAMINATION NOTE:

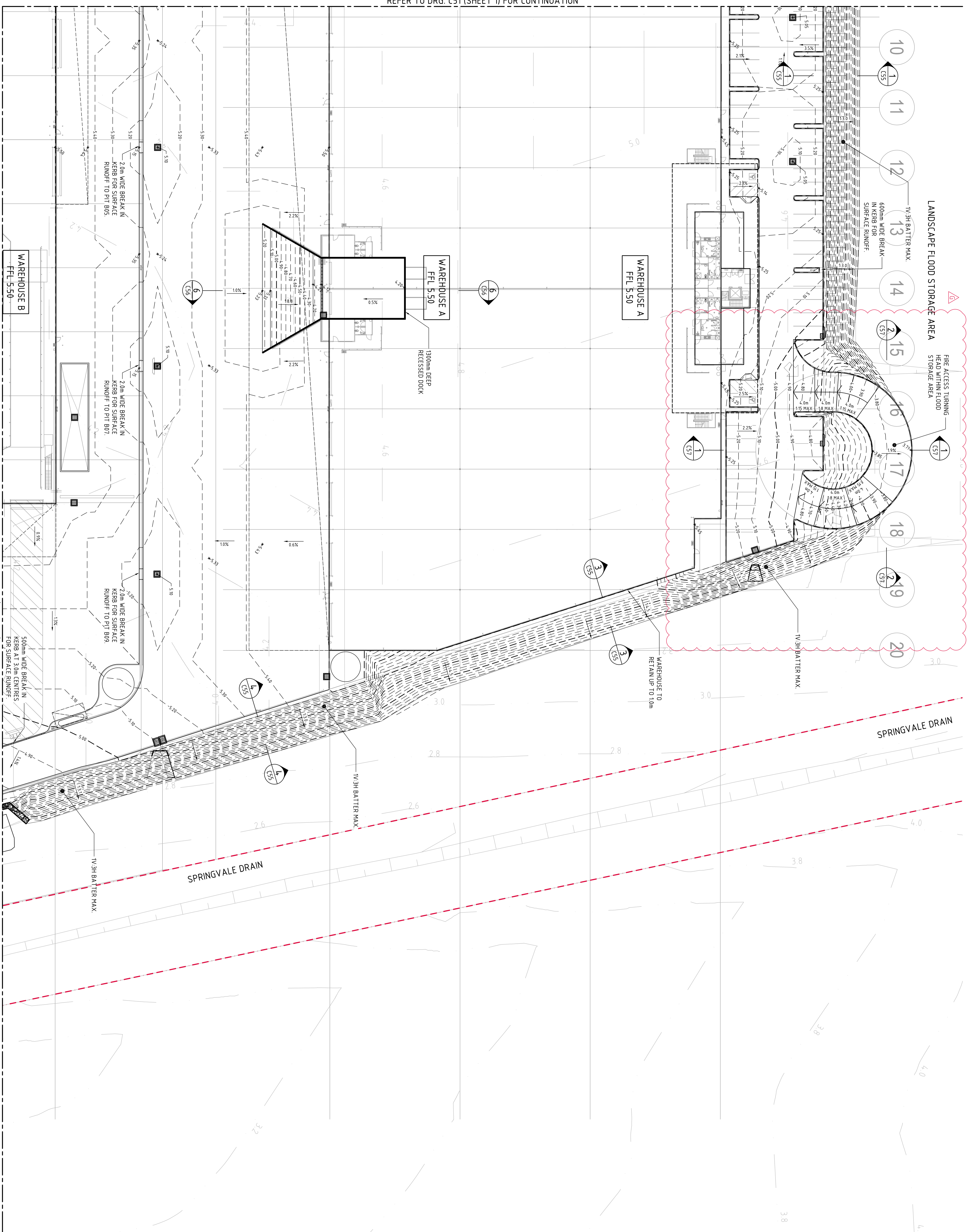
ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE ENVIRONMENTAL MANAGEMENT PLAN PREPARED BY ACTON REF: 6038026 DATED 21 MAR 2014. CONTRACTOR SHALL CONSULT THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP) PRIOR TO COMMENCEMENT OF ANY WORKS ON SITE.



SITE LOCALITY PLAN
N.T.S.








FOR CONSTRUCTION CERTIFICATE

C5.7 ADDED TO DRAWING LIST	11/11/15	E		ARCHITECT	SB	CLIENT	PROJECT	CONTRACT	CONSULTANT	ENGINEER	VALUE	DRAWING TITLE
C5.6 ADDED TO DRAWING LIST	30/07/15	D				RICHARD CROOKES	PORT BOTANY INDUSTRIAL ESTATE	ORICA SOUTHLANDS	Costin Roe Consulting Pty Ltd.		Costin Roe Consulting	DRAWING LIST & GENERAL NOTES
C5.5 ADDED TO DRAWING LIST	30/07/15	D				CONSTRUCTIONS	ORICA SOUTHLANDS	McPHERSON STREET, BOTANY	Consulting Engineers		Consulting	
ISSUED FOR INFORMATION	29/04/15	A										
AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE							



LEGEND:
LEVELS DATUM IS AHD.

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

	- SGP- SINGLE GRATED GULLY PIT
	- S-P- SEALED JUNCTION PIT
	- K/P- KERB INLET PIT
	- G-D GRATED DRAIN (300x150 UNO)
	- FINISHED PAVEMENT (CONTOUR (MAJOR))
	- FINISHED PAVEMENT (CONTOUR (MINOR))
	- FALL DIRECTION AND % GRADE

NOTE:
REFER TO DRAWING C0934.9-06-C51 FOR
FINISHED LEVELS NOTES.



FOR CONSTRUCTION CERTIFICATE

[illegible]

