

EROSION AND SEDIMENT CONTROL NOTES

1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT ORDINANCES AND REGULATIONS; NOTE IN PARTICULAR THE REQUIREMENTS OF LANDCOMS MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION' (THE 'BLUE BOOK').

2. INSTALL SEDIMENT PROTECTION FILTERS ON ALL NEW AND EXISTING STORMWATER INLET PITS IN ACCORDANCE WITH EITHER THE MESH AND GRAVEL INLET FILTER DETAIL SD6-11 OR THE GEOTEXTILE INLET FILTER DETAIL SD6-12 OF THE 'BLUE BOOK'.

3. ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.

4. INSTALL SEDIMENT FENCING AROUND INDIVIDUAL BUILDING ZONES/AREAS AS REQUIRED AND AS DIRECTED BY THE SUPERINTENDENT.

5. ALL TRENCHES INCLUDING ALL SERVICE TRENCHES AND SWALE EXCAVATION SHALL BE SIDE-CAST TO THE HIGH SIDE AND CLOSED AT THE END OF EACH DAYS WORK. 6. THE CONTRACTOR SHALL ENSURE THAT ALL VEGETATION (TREE,

SHRUB & GROUND COVER) WHICH IS TO BE RETAINED SHALL BE

PROTECTED DURING THE DURATION OF CONSTRUCTION. REFER ARCHITECTS PLANS FOR TREES TO BE KEPT. 7. ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ONSITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT. 8. STRIP TOPSOIL IN AREAS DESIGNATED FOR STRIPPING AND STOCKPILE FOR RE-USE AS REQUIRED. ANY SURPLUS MATERIAL SHALL BE REMOVED

FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES. 9. CONSTRUCT AND MAINTAIN ALL MATERIAL STOCKPILES IN ACCORDANCE WITH DETAIL SD4-1 OF THE 'BLUE BOOK' (INCLUDING CUT-OFF SWALES TO THE HIGH SIDE AND SEDIMENT FENCES TO THE LOW

10. ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.

11. PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST. 12. ONCE CUT/FILL OPERATIONS HAVE BEEN FINALIZED ALL DISTURBED AREAS THAT ARE NOT BEING WORKED ON SHALL BE RE-VEGETATED AS SOON AS IS PRACTICAL.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING A DETAILED WRITTEN RECORD OF ALL EROSION & SEDIMENT CONTROLS ON-SITE DURING THE CONSTRUCTION PERIOD. THIS RECORD SHALL BE UPDATED ON A DAILY BASIS & SHALL CONTAIN DETAILS ON THE CONDITION OF CONTROLS AND ANY/ ALL MAINTENANCE, CLEANING & BREACHES. THIS RECORD SHALL BE KEPT ON-SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE PRINCIPAL CERTIFYING AUTHORITY AND THE SUPERINTENDENT DURING NORMAL WORKING HOURS.

SITE PARAMETERS				
CONSTRAINT	VALUE			
SEDIMENT TYPE	D			
SOIL HYDROLOGY GROUP	В			
K = SOIL ERODIBILITY (K-FACTOR)	0.040			
R = RAINFALL EROSIVITY (R-FACTOR)	2720			
S = 2 YEAR, 6 HOUR STORM INTENSITY	11.2mm/hr			
LS = SLOPE LENGTH/GRADIENT	0.95 (85m SLOPE @ 3.7% GRADE)			
P = EROSION CONTROL PRACTICE (P-FACTOR)	1.3 (TYPICAL)			
C = GROUND COVER (C-FACTOR)	1.0 (TYPICAL FOR STRIPPED SITE)			
SOIL LOSS (RUSLE METHOD) (tonnes/ha/yr)	134			
EROSION HAZARD (TABLE 4.2 BLUE BOOK)	VERY LOW			

DUE TO AVERAGE ANNUAL SOIL LOSS BEING LESS THAN 150 TONNES/ha/YEAR. NO FORMALISED SEDIMENT BASIN REQUIRED (THE BLUE BOOK SECTION 6.3.2(D))

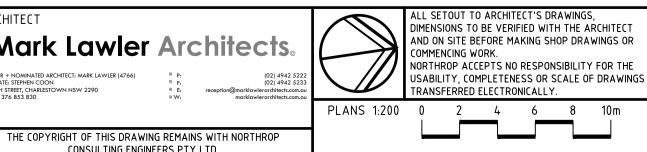
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	ARCHITECT		
ONTO INVESTMENTS NO.1	Mark Lawler	Arc	hitects
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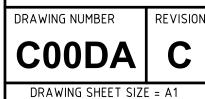


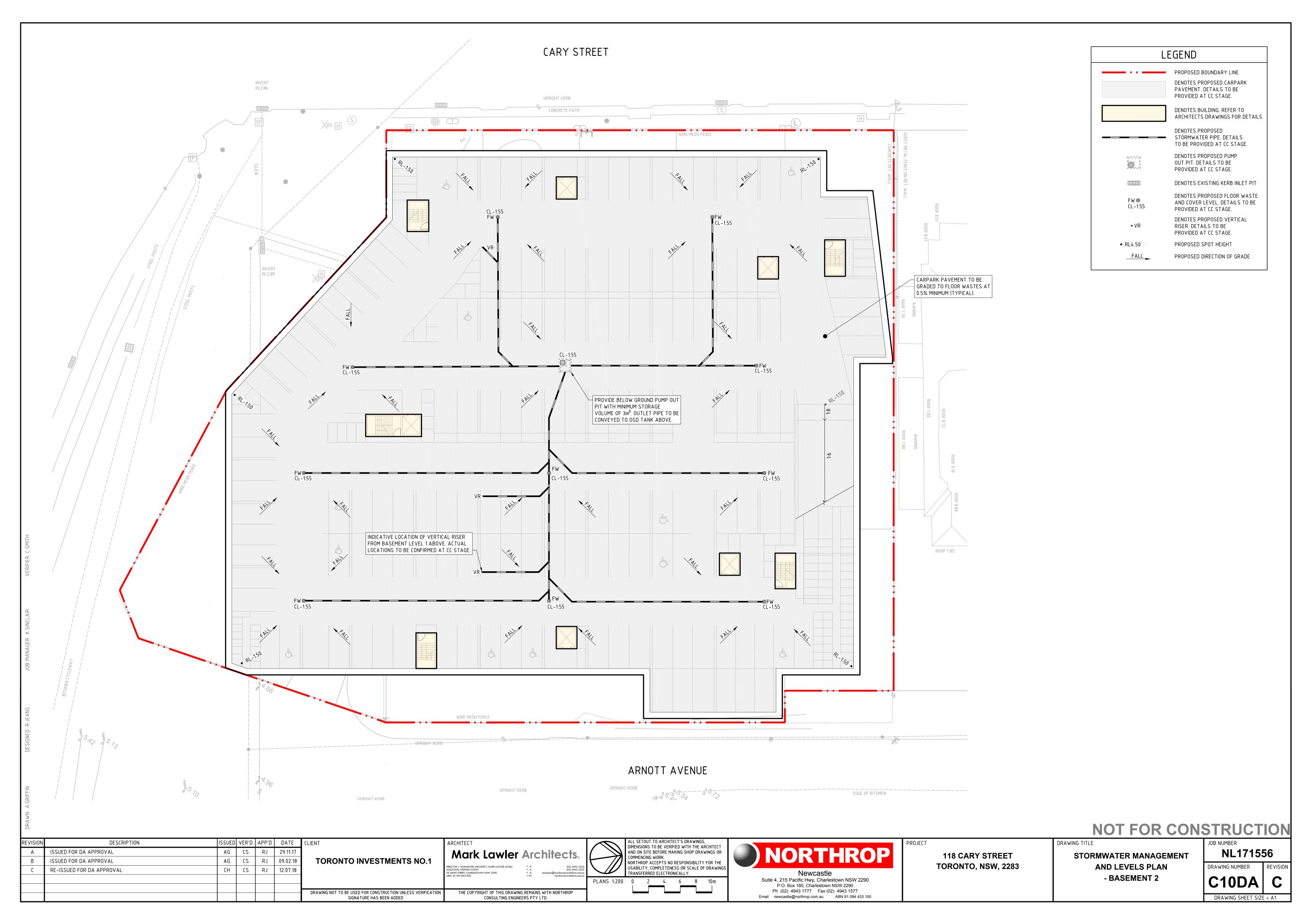


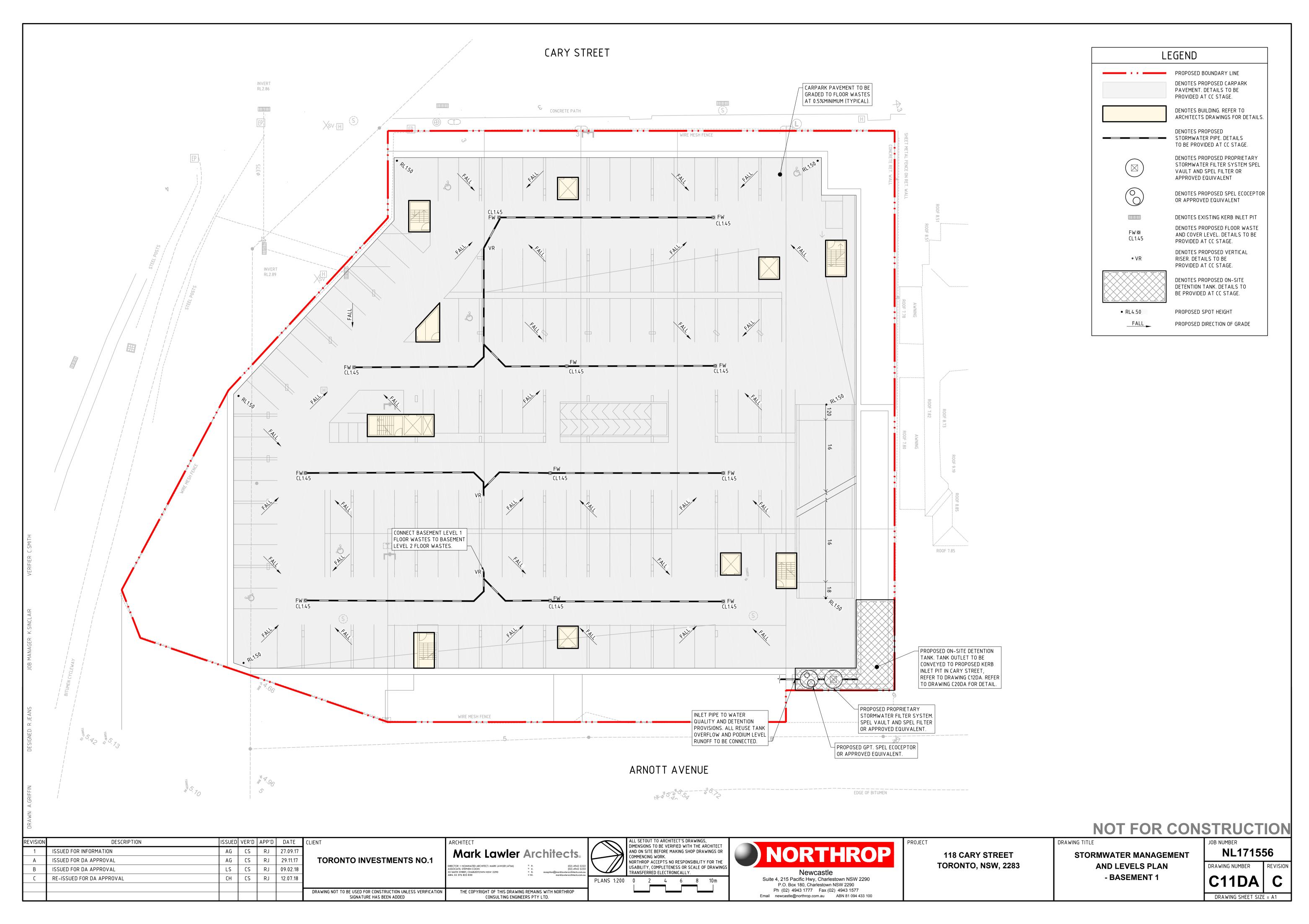
118 CARY STREET TORONTO, NSW, 2283 **EROSION AND SEDIMENT**

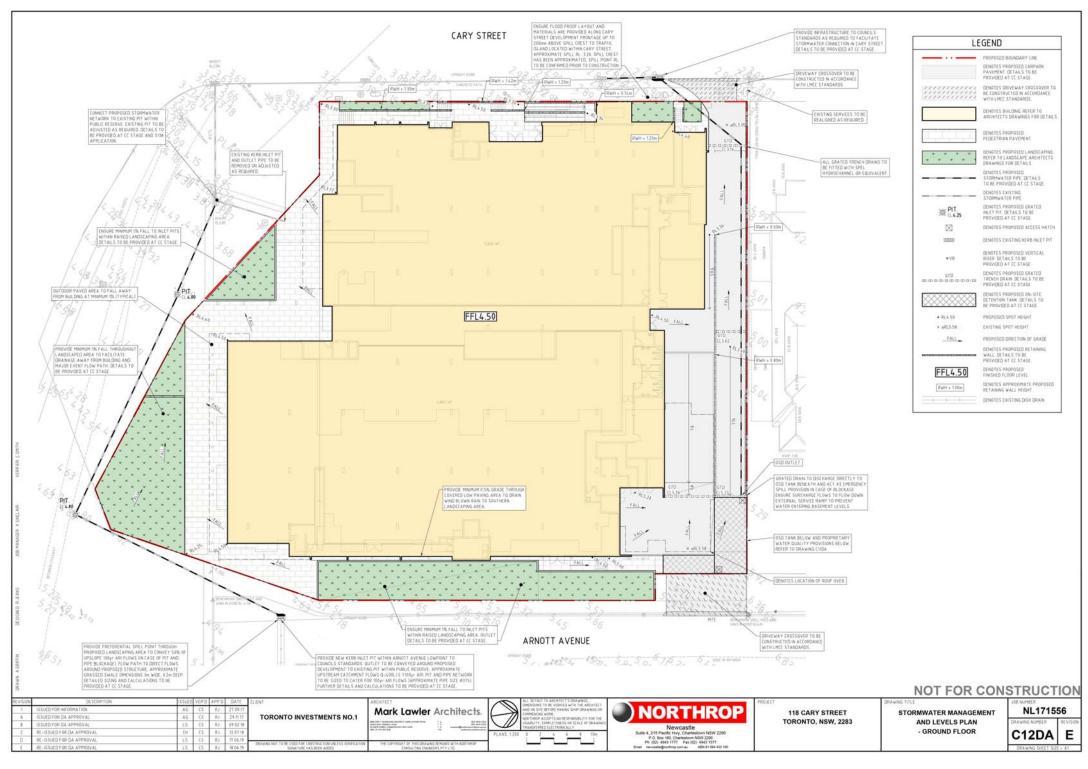
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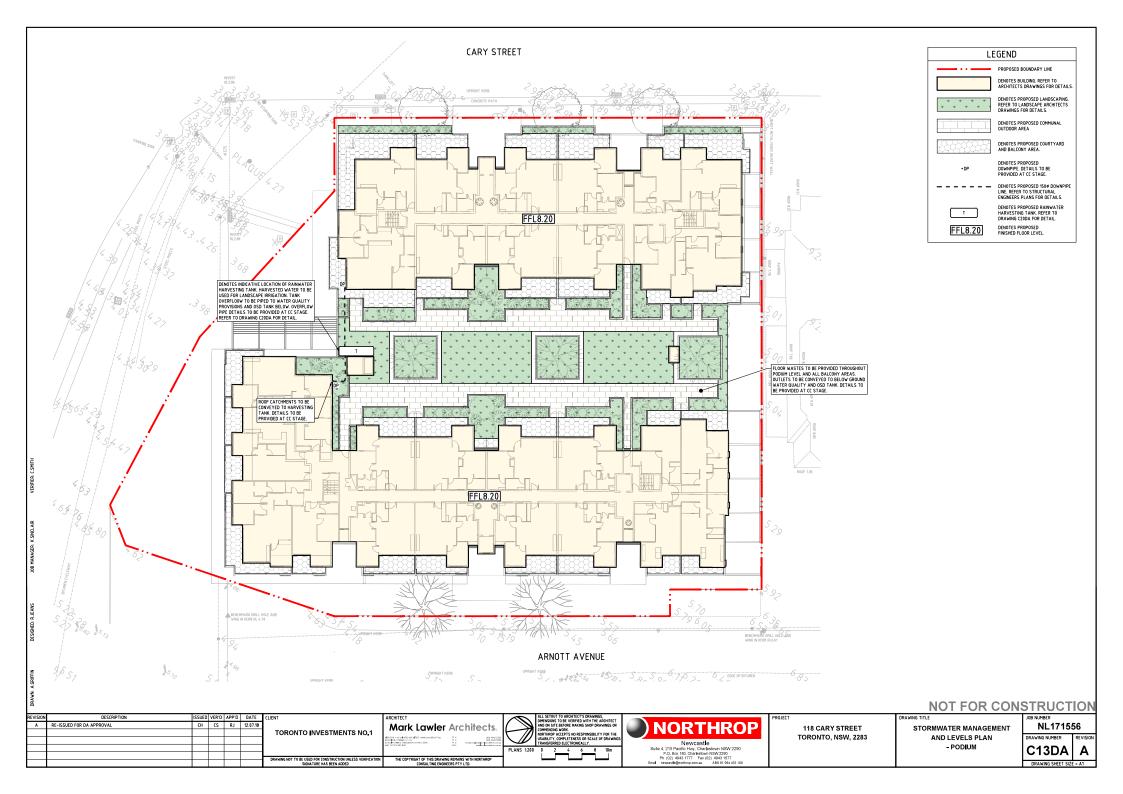
NL171556 **CONTROL PLAN** DRAWING NUMBER

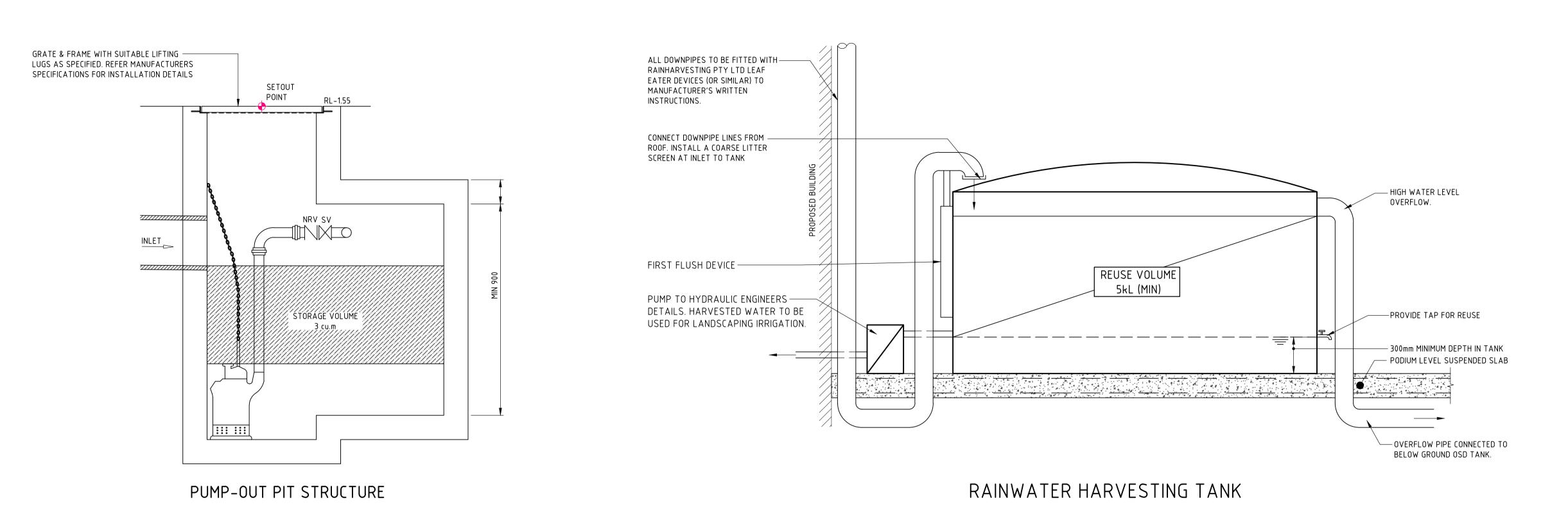












— 900 x 900 CLASS 'D' GALVANISED ACCESS HATCH CL:5.23 REINFORCED CONCRETE TANK LID TO STRUCTURAL ENGINEERS DETAILS — 900 x 900 CLASS 'D' GALVANISED GRATED TRENCH DRAIN TO ACCESS HATCH CL:5.78 — DISCHARGE DIRECTLY TO OSD RL 5.75 TANK, ADDITIONALLY WILL ACT AS DISCHARGE PROVISION IN CASE OF BLOCKAGE RL 5.10 STORMWATER INLET FROM WATER QUALITY PROVISIONS - Ø150 ORIFICE PLATE AT IL:3.98 STEP IRONS OR FIXED LADDER — TO AUSTRALIAN STANDARDS AT EACH ACCESS HATCH 120kL (MIN) OSD CAPACITY LOCATION WHERE TANK DEPTH EXCEEDS 1.2m (TYPICAL) - 3030 MAXIMESH FILTER SCREEN RL 2.80 0.7% FALL - Φ200 ORIFICE PLATE AT IL:2.80 190 REINFORCED COREFILLED BLOCKWORK— — OUTLET CONNECTED TO STORMWATER PIT IN CARY STREET REINFORCED CONCRETE —

OSD TANK SCHEMATIC

TANK BASE

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION ISSUED	VER'D APF	P'D DATE	CLIENT	ARCHITECT	ALL SETOUT TO ARCHITECT'S DRAWINGS, DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT		PROJECT	DRAWING TITLE	JOB NUMBER
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В	RE-ISSUED FOR DA APPROVAL CH	CS R.	12.07.18	TORONTO INVESTMENTS NO.1	DIRECTOR + NOMINATED ARCHITECT: MARK LAWLER (4766) □ P: (02) 4942-5222	NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS		TORONTO, NSW, 2283		DRAWING NUMBER REVISION
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