ST PATRICKS COLLEGE

FRANCIS STREET, STRATHFIELD, NSW, 2135 CIVIL ENGINEERING PACKAGE





DRAWING SCHEDULE

DRG No. DRAWING TITLE

COVER SHEET & DRAWING SCHEDULE CONCEPT EROSION AND SEDIMENT CONTROL PLAN

CONCEPT STORMWATER MANAGEMENT PLAN - GROUND LEVEL

LOCALITY PLAN

REVISION DESCRIPTION ISSUED VER'D APP'D DATE CLIENT ST PATRICKS COLLEGE NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS 1 ISSUED FOR COORDINATION FRANCIS STREET, STRATHFIELD JK MS CP 06.03.20 2 ISSUED FOR COORDINATION RANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUF AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE. JK MS CP 09.04.20 **NSW 2135** 3 ISSUED FOR COORDINATION Newcastle Level 1, 215 Pacific Hwy, Charlestown NSW 2290 Ph (02) 4943 1777 Email newcastle@northrop.com.au ABN 81 094 433 100 UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED NORTHROP CONSULTING ENGINEERS PTY LTD

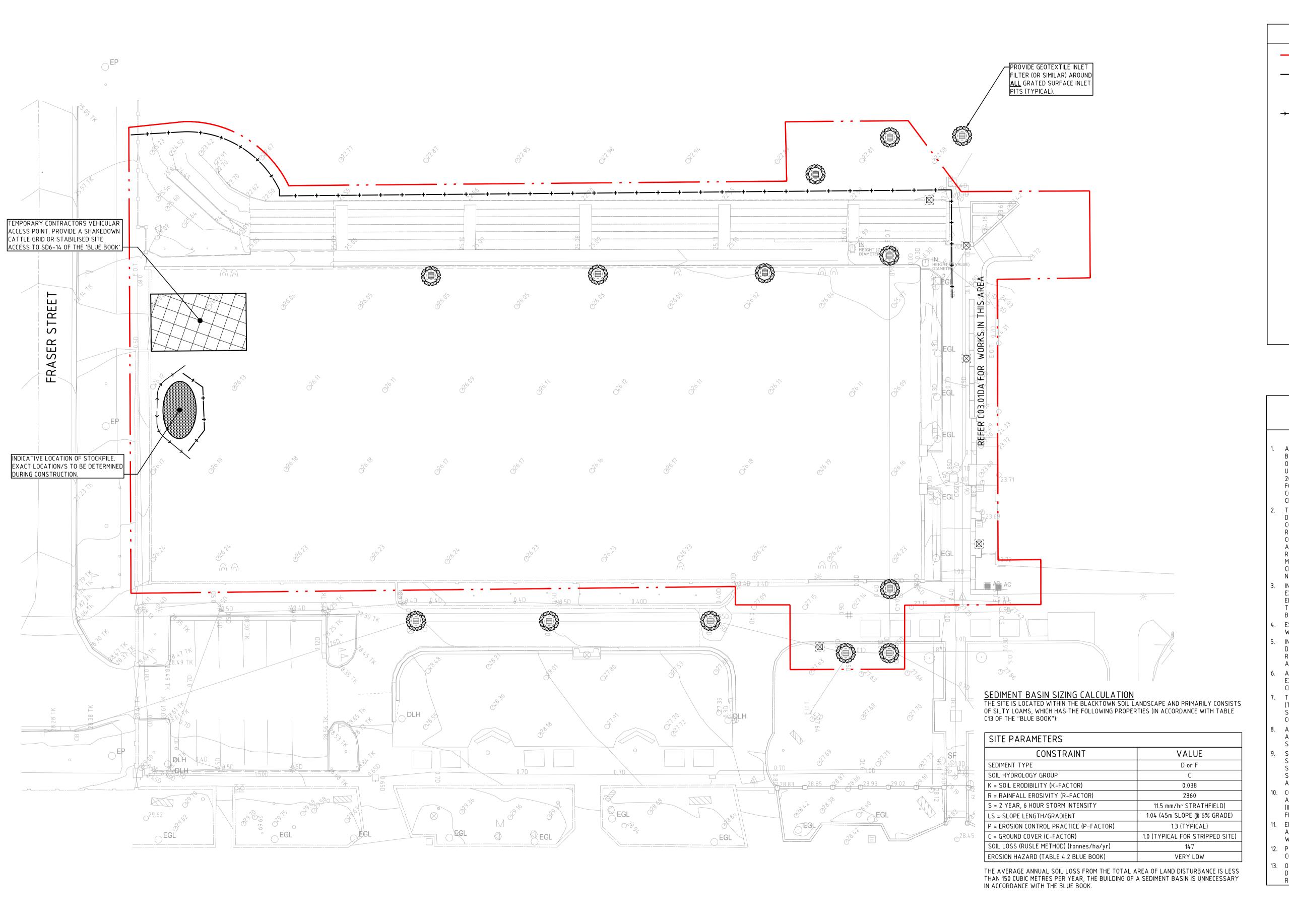
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CIVIL ENGINEERING PACKAGE

COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN

NL193277

DRAWING SHEET SIZE = A1



LEGEND DENOTES PROPOSED EXTENT OF DISTURBANCE AREA DENOTES SEDIMENT FENCE DENOTES SANDBAG SEDIMENT FILTER DENOTES DIVERSION MOUND $\rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow$ DENOTES STABILISED SITE ACCESS DENOTES STOCKPILE DENOTES STORMWATER PIT - NEW DENOTES STORMWATER PIT -EXISTING

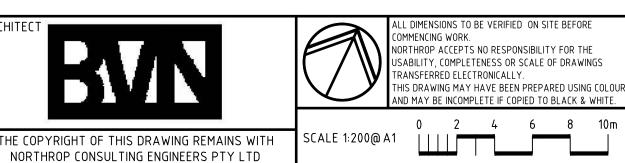
EROSION AND SEDIMENTATION CONTROL NOTES:

- ALL EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE APPROPRIATE FOR THE SEDIMENT TYPE(S) OF THE SOILS ON-SITE, IN ACCORDANCE WITH THE 'BLUE BOOK' (MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION. LANDCOM. 2004), OR OTHER CURRENT RECOGNISED INDUSTRY STANDARDS FOR EROSION AND SEDIMENT CONTROL FOR AUSTRALIAN CONDITIONS. THIS INCLUDES SEDIMENT TRAPS AND LINING OF CHANNELS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING A DETAILED WRITTEN RECORD OF ALL EROSION AND SEDIMENT CONTROLS ON-SITE DURING THE CONSTRUCTION PERIOD. THIS RECORD SHALL BE UPDATED ON A DAILY BASIS AND SHALL CONTAIN DETAILS ON THE CONDITION OF CONTROLS AND ANY/ALL MAINTENANCE, CLEANING AND 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.
- 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
- ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.
- INSTALL SEDIMENT FENCING, OR OTHER SEDIMENT CONTROL DEVICES, AROUND INDIVIDUAL BUILDING ZONES/AREAS AS REQUIRED AND AS DIRECTED BY THE SUPERINTENDENT OR APPROPRIATE COUNCIL OFFICER.
- 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.
- THE CONTRACTOR SHALL ENSURE THAT ALL VEGETATION (TREE, SHRUB AND GROUND COVER) WHICH IS TO BE RETAINED SHALL BE PROTECTED DURING THE DURATION OF
- CONSTRUCTION. ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ON-SITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT.
- STRIP TOPSOIL IN AREAS DESIGNATED FOR STRIPPING AND STOCKPILE FOR RE-USE AS REQUIRED. ANY SURPLUS MATERIAL SHALL BE SPREAD ON-SITE AS DIRECTED BY THE SUPERINTENDENT OR REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES.
- 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 SIDE).
- ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.
- PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST.
- 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.

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
1	ISSUED FOR COORDINATION	JK	MS	СР	17.01.20	
2	ISSUED FOR COORDINATION	JK	MS	СР	06.03.20	
3	ISSUED FOR COORDINATION	JK	MS	СР	09.04.20	
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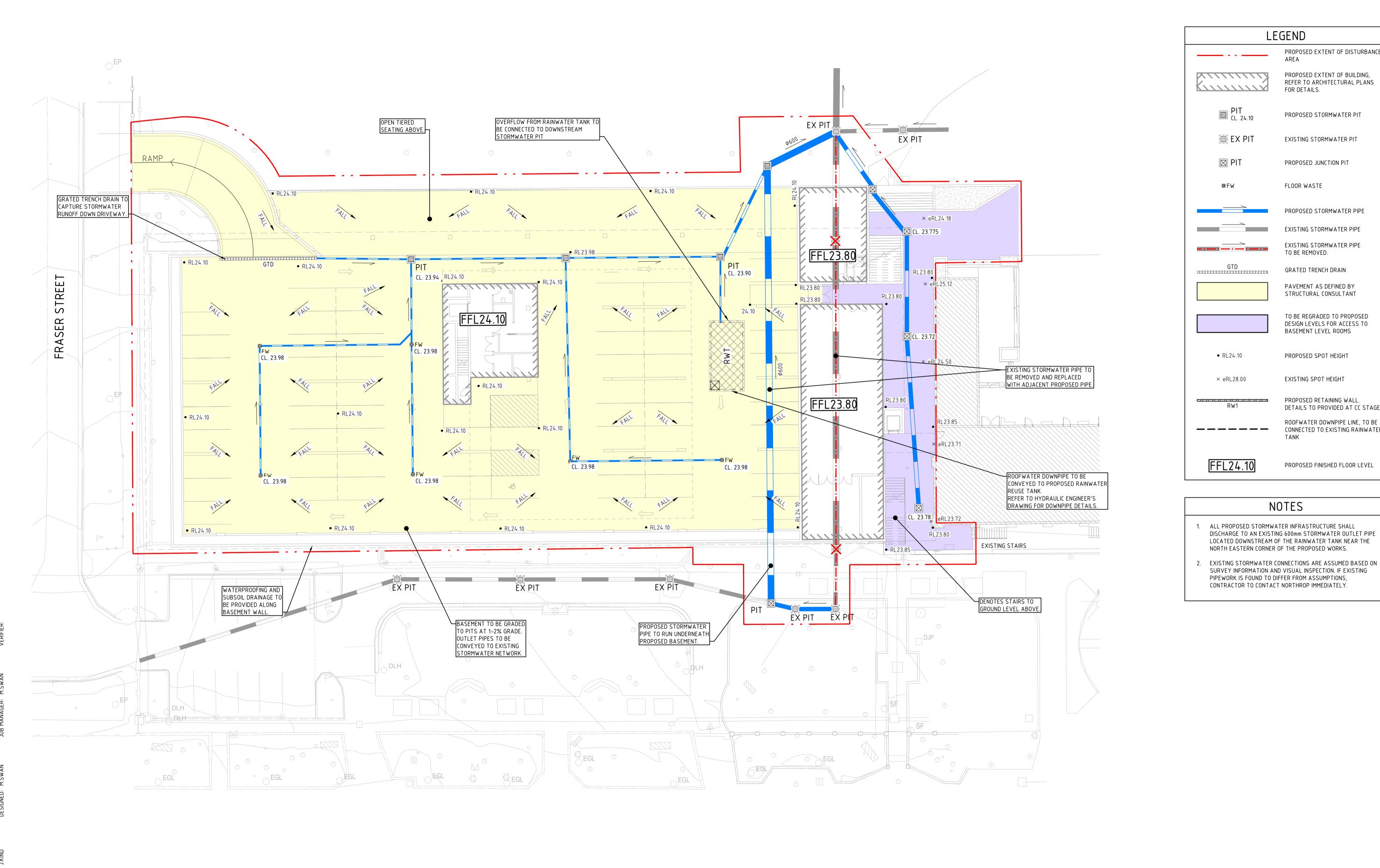
ST PATRICKS COLLEGE FRANCIS STREET, STRATHFIELD **NSW 2135**

CIVIL ENGINEERING PACKAGE

CONCEPT EROSION AND SEDIMENT CONTROL PLAN

NL193277 DRAWING NUMBER

DRAWING SHEET SIZE = A1



NOT FOR CONSTRUCTION

LEGEND

EX PIT

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• RL24.10

× eRL28.00

RW1

PROPOSED EXTENT OF DISTURBANCE

PROPOSED EXTENT OF BUILDING, REFER TO ARCHITECTURAL PLANS

PROPOSED STORMWATER PIT

EXISTING STORMWATER PIT

PROPOSED JUNCTION PIT

PROPOSED STORMWATER PIPE

EXISTING STORMWATER PIPE

EXISTING STORMWATER PIPE

GRATED TRENCH DRAIN

PAVEMENT AS DEFINED BY

STRUCTURAL CONSULTANT

PROPOSED SPOT HEIGHT

EXISTING SPOT HEIGHT

PROPOSED RETAINING WALL.

DETAILS TO PROVIDED AT CC STAGE

ROOFWATER DOWNPIPE LINE, TO BE CONNECTED TO EXISTING RAINWATER

PROPOSED FINISHED FLOOR LEVEL

NOTES

NORTH EASTERN CORNER OF THE PROPOSED WORKS.

PIPEWORK IS FOUND TO DIFFER FROM ASSUMPTIONS,

DISCHARGE TO AN EXISTING 600mm STORMWATER OUTLET PIPE LOCATED DOWNSTREAM OF THE RAINWATER TANK NEAR THE

SURVEY INFORMATION AND VISUAL INSPECTION. IF EXISTING

TO BE REGRADED TO PROPOSED

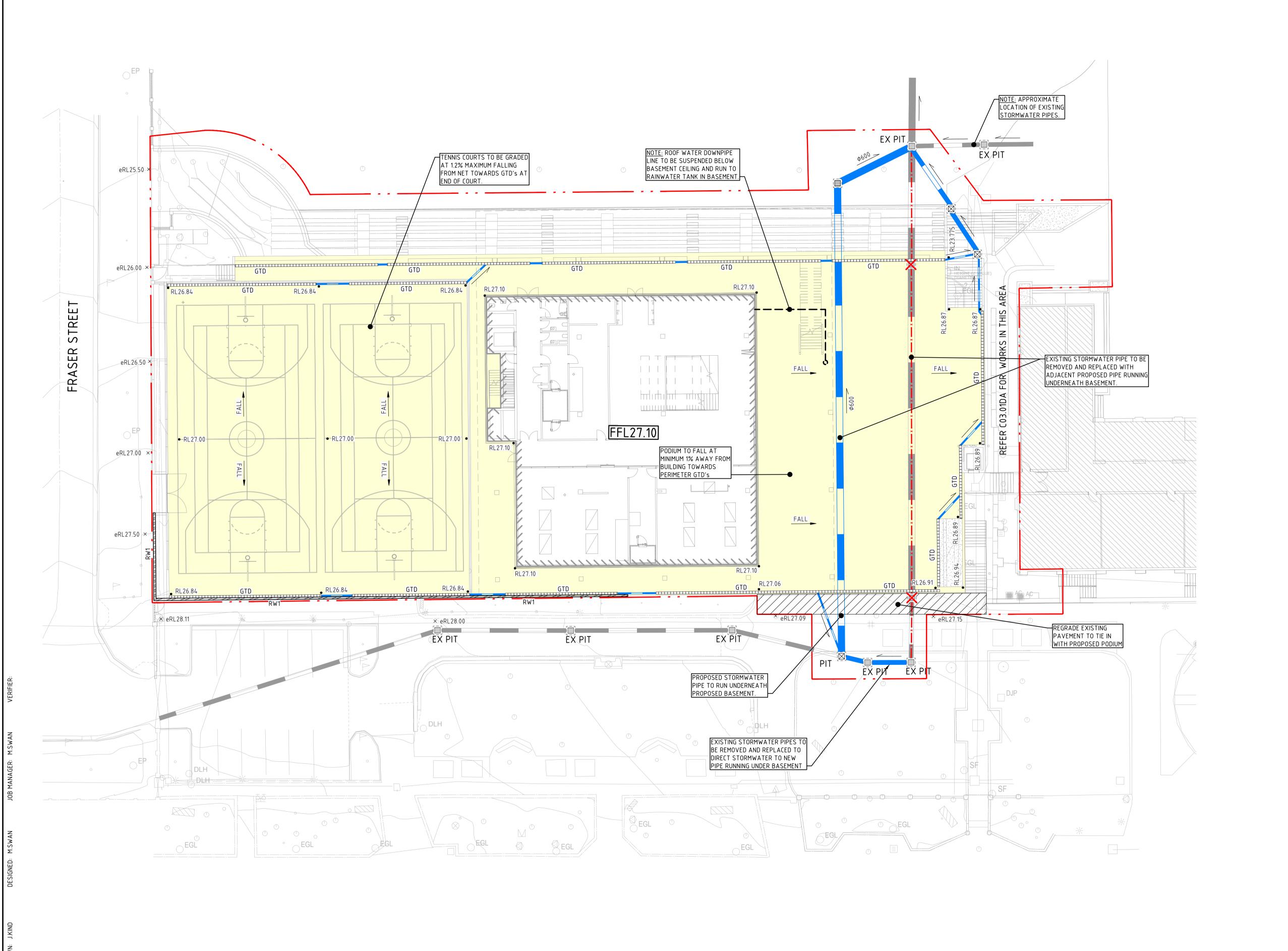
DESIGN LEVELS FOR ACCESS TO BASEMENT LEVEL ROOMS

TO BE REMOVED.

FLOOR WASTE

FOR DETAILS.

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AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE. DRAWING NUMBER JK MS CP 09.04.20 **NSW 2135** 3 ISSUED FOR COORDINATION Newcastle CONCEPT STORMWATER Level 1, 215 Pacific Hwy, Charlestown NSW 2290 MANAGEMENT PLAN SCALE 1:200@ A1 Ph (02) 4943 1777 Email newcastle@northrop.com.au DRAWING NOT TO BE USED FOR CONSTRUCTION THE COPYRIGHT OF THIS DRAWING REMAINS WITH **BASEMENT LEVEL** ABN 81 094 433 100 UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED NORTHROP CONSULTING ENGINEERS PTY LTD DRAWING SHEET SIZE = A1



PROPOSED EXTENT OF DISTURBANCE PROPOSED EXTENT OF BUILDING, REFER TO ARCHITECTURAL PLANS KIIIIII FOR DETAILS. PROPOSED STORMWATER PIT EX PIT EXISTING STORMWATER PIT PROPOSED JUNCTION PIT FLOOR WASTE F₩ PROPOSED STORMWATER PIPE EXISTING STORMWATER PIPE EXISTING STORMWATER PIPE TO BE REMOVED. GRATED TRENCH DRAIN PAVEMENT AS DEFINED BY STRUCTURAL CONSULTANT TO BE REGRADED TO PROPOSED DESIGN LEVELS FOR ACCESS TO BASEMENT LEVEL ROOMS • RL24.10 PROPOSED SPOT HEIGHT × eRL28.00 EXISTING SPOT HEIGHT PROPOSED RETAINING WALL. RW1 DETAILS TO PROVIDED AT CC STAGE ROOFWATER DOWNPIPE LINE, TO BE CONNECTED TO EXISTING RAINWATER FFL24.10 PROPOSED FINISHED FLOOR LEVEL NOTES

LEGEND

- 1. ALL PROPOSED STORMWATER INFRASTRUCTURE SHALL DISCHARGE TO AN EXISTING 600mm STORMWATER OUTLET PIPE LOCATED DOWNSTREAM OF THE RAINWATER TANK NEAR THE NORTH EASTERN CORNER OF THE PROPOSED WORKS.
- 2. EXISTING STORMWATER CONNECTIONS ARE ASSUMED BASED ON SURVEY INFORMATION AND VISUAL INSPECTION. IF EXISTING PIPEWORK IS FOUND TO DIFFER FROM ASSUMPTIONS, CONTRACTOR TO CONTACT NORTHROP IMMEDIATELY.

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ST PATRICKS COLLEGE FRANCIS STREET, STRATHFIELD **NSW 2135**

CIVIL ENGINEERING PACKAGE

CONCEPT STORMWATER **MANAGEMENT PLAN GROUND LEVEL**

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