



LEGEND

PROPOSED BOUNDARY LINE

EXISTING BOUNDARY LINE

EASEMENT LINE

PROPOSED BUILDING FOOTPRINT

BEXX.XX

BULK EARTHWORKS PAD LEVEL

XX.XX

CONTOURS

XX.XX

EXISTING CONTOURS

DEPTH OF CUT

- 3.00m TO - 2.00m

- 2.00m TO - 1.50m

- 1.50m TO - 1.25m

- 1.25m TO - 1.00m

- 1.00m TO - 0.75m

- 0.75m TO - 0.50m

- 0.50m TO - 0.25m

- 0.25m TO - 0.00m

DEPTH OF FILL

0.00m TO 0.25m

0.25m TO 0.50m

0.50m TO 0.75m

0.75m TO 1.00m

1.00m TO 1.25m

1.25m TO 1.50m

1.50m TO 2.00m

2.00m TO 3.00m

- GENERAL NOTES:**
1.

ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL / RELEVANT AUTHORITY SPECIFICATIONS AND DETAILS.

2.

CAD FILES / DTM FILES TO BE SUPPLIED IN AUTOCAD FORMAT FOR SETOUT PURPOSES (UPON REQUEST).

3.

NO ALLOWANCE HAS BEEN MADE FOR BULKING FACTORS. NOTE ALL VOLUMES DEPICED ARE SOLID VOLUMES ONLY AND MAY NOT REFLECT DETAILED EARTHWORKS.

4.

NO ALLOWANCE HAS BEEN MADE FOR DETAILED EARTHWORKS, ie SERVICE TRENCHING, DETAILED EXCAVATION, FOOTINGS, RETAINING WALLS AND THE LIKE. CONTRACTOR IS TO ALLOW FOR REMOVAL OF ALL EXCESS MATERIAL GENERATED BY THE WORKS.

5.

THE CONTRACTOR SHALL USE FINAL SURFACE LEVELS AND TYPICAL PAVEMENT DETAILS FOR ACTUAL EARTHWORKS LEVELS.

6.

BULK EARTHWORKS ARE BASED ON THE FOLLOWING DEPTHS FROM FINISHED SURFACE LEVELS:

6.1.

ASPHALT PAVEMENT (CARPARK)

500mm

6.2.

MODULAR BUILDINGS SLAB

450mm

6.3.

BLOCK B AMENITIES SLAB

200mm

6.4.

BLOCK C AMENITIES SLAB

800mm

6.5.

ADMINISTRATION AND HALL SLAB

200mm

6.6.

FOOTPATH PAVEMENT

150mm

6.7.

LANDSCAPE PLANTING AREA

300mm

6.8.

LANDSCAPE TURFED AREA

150mm

6.9.

GAMES COURT AREA

175mm

6.10.

SPORTS FIELD AREA

75mm

7.

APPROXIMATE BULK EARTHWORK VALUES AS FOLLOWS:

7.1.

CUT

522 cu.m

7.2.

FILL

13,574 cu.m

7.3.

BALANCE

13,051 cu.m (IMPORT)

7.4.

NOTE: A 134mm SITE STRIP HAS BEEN ALLOWED FOR, EQUATING TO APPROX. 2,800 cu.m.

7.5.

PLANTING AREA TOPSOIL

1,553 cu.m

7.6.

TURFED AREA TOPSOIL

818 cu.m

7.7.

SPORTS FIELD TOPSOIL

226 cu.m

7.8.

TEMPORARY BATTERS BEYOND SITE BOUNDARY HAS BEEN EXCLUDED FROM BULK EARTHWORK VALUES.
- FOR INFORMATION
- | AMENDMENTS | | | |
|------------|----|----------|------------------------|
| REV | BY | DATE | DESCRIPTION |
| 1 | TB | 14.09.20 | ISSUED FOR INFORMATION |
| 2 | TB | 13.10.20 | ISSUED FOR INFORMATION |
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- ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY. THIS DRAWING MAY HAVE BEEN PREPARED USING COLOUR, AND MAY BE INCOMPLETE IF COPIED TO BLACK & WHITE.
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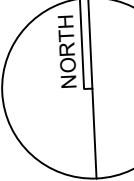
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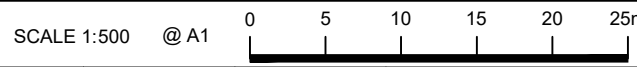
CATHERINE FIELD PRIMARY SCHOOL
NEW HIGH QUALITY CLASSROOMS

DRAWING NAME
BULK EARTHWORKS
CUT AND FILL SKETCH

PROJECT NORTH



SCALE 1:500 @ A1



DRAWN TB

CHECKED JG

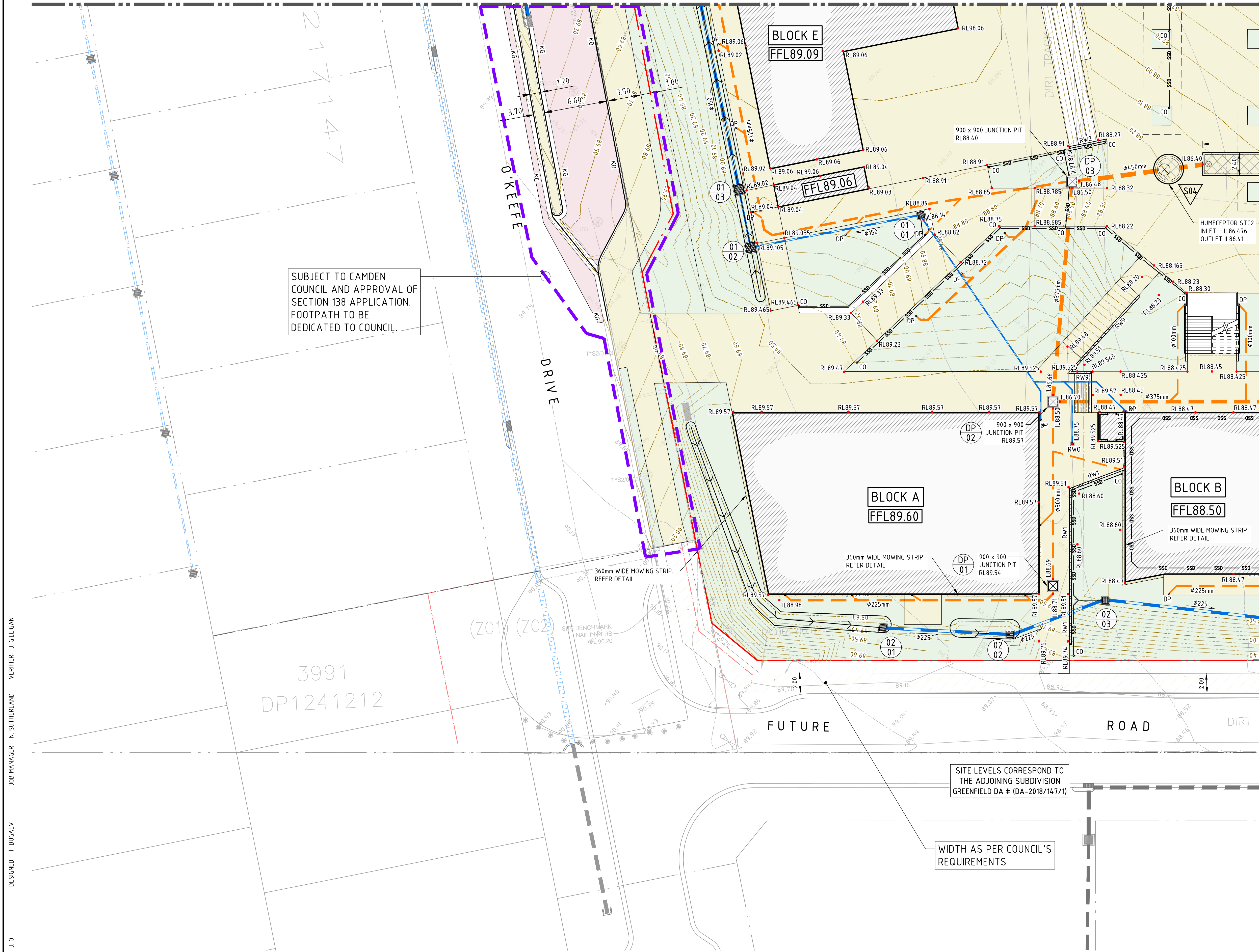
VERIFIED JG

DATE -

DRAWING NUMBER
NHQC2-CF-CV-S-SK211.01

REVISION
2

FOR CONTINUATION REFER TO SHEET 01



SUBJECT TO CAMDEN COUNCIL AND APPROVAL OF SECTION 138 APPLICATION. FOOTPATH TO BE DEDICATED TO COUNCIL.

SITE LEVELS CORRESPOND TO THE ADJOINING SUBDIVISION GREENFIELD DA # (DA-2018/147/1)

WIDTH AS PER COUNCIL'S REQUIREMENTS

LEGEND

- PROPOSED BOUNDARY LINE
- EXISTING BOUNDARY LINE
- PROPOSED KERB
- EXISTING KERB
- FUTURE KERB
- SAWCUT AND PAVEMENT INFILL
- EXISTING KERB 'TYPE AS BELOW'
- KERB ONLY
- KERB AND GUTTER
- MATCH TO EXISTING
- VEHICULAR CROSSING
- EXISTING TO BE REMOVED
- PROPOSED FINISHED FLOOR LEVEL
- PROPOSED SPOT HEIGHT
- PROPOSED INVERT LEVEL
- BATTER 1(V) : 4(H) MAX UNO.
- CONTOURS
- EXISTING CONTOURS
- RETAINING WALL
- DRAINAGE SWALE
- STORMWATER PIPE
- EXISTING STORMWATER PIPE
- FUTURE STORMWATER PIPE (BY OTHERS)
- SUBSOIL DRAINAGE LINE
- PVC SUBSOIL DRAINAGE PIPE
- SUBSOIL DRAINAGE (CLEAROUT)
- RAINWATER OUTLET
- GRATED INLET PIT (NEW / EXTG)
- KERB INLET PIT (NEW / EXTG)
- JUNCTION PIT (NEW / EXTG)
- STRUCTURE No / LINE ID
- STORMWATER PIT TAG
- GRATED TRENCH DRAIN
- RAINWATER HARVESTING TANK
- PROPOSED LANDSCAPING - REFER TO LANDSCAPE ARCHITECT'S FOR DETAIL
- PROPOSED FLEXIBLE PAVEMENT
- PROPOSED FOOTPATH PAVEMENT
- PROPOSED RECREATIONAL AREAS - REFER TO LANDSCAPE ARCHITECT'S FOR DETAIL
- PAINTED ACRYLIC HARD COURT - REFER LANDSCAPE ARCHITECT'S FOR DETAILS
- SUBSTATION SLAB

GENERAL NOTES:

- REFER SPECIFICATIONS NOTES FOR STORMWATER AND SITEWORKS GENERAL REQUIREMENTS.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL / RELEVANT AUTHORITY SPECIFICATIONS AND DETAILS.
- CAD FILES TO BE SUPPLIED IN AUTOCAD FORMAT FOR SETOUT PURPOSES (UPON REQUEST).
- PROVIDE 'OCEAN GUARD INSERTS' ON ALL GRATED INLET PITS
- SUBSOIL DRAINAGE TO RETAINING WALLS, KERBS AND SWALE DRAINS NOT SHOWN FOR CLARITY - REFER RELEVANT DETAILS.
- BASED ON GEOTECHNICAL INVESTIGATIONS THE CBH = 15%. THEREFORE SUBGRADE TREATMENT IS REQUIRED. REFER DETAIL SHEET.
- ALL ROOF DOWNPIPES TO BE DIRECTLY CONNECTED TO THE RAINWATER TANK, SUBJECT TO CONFIRMATIONS FROM PROJECT HYDRAULIC ENGINEER.



FOR INFORMATION

REV	BY	DATE	DESCRIPTION
1	TB	14.09.20	ISSUED FOR INFORMATION
2	JO	16.10.20	ISSUED FOR INFORMATION
3	JO	19.10.20	ISSUED FOR INFORMATION

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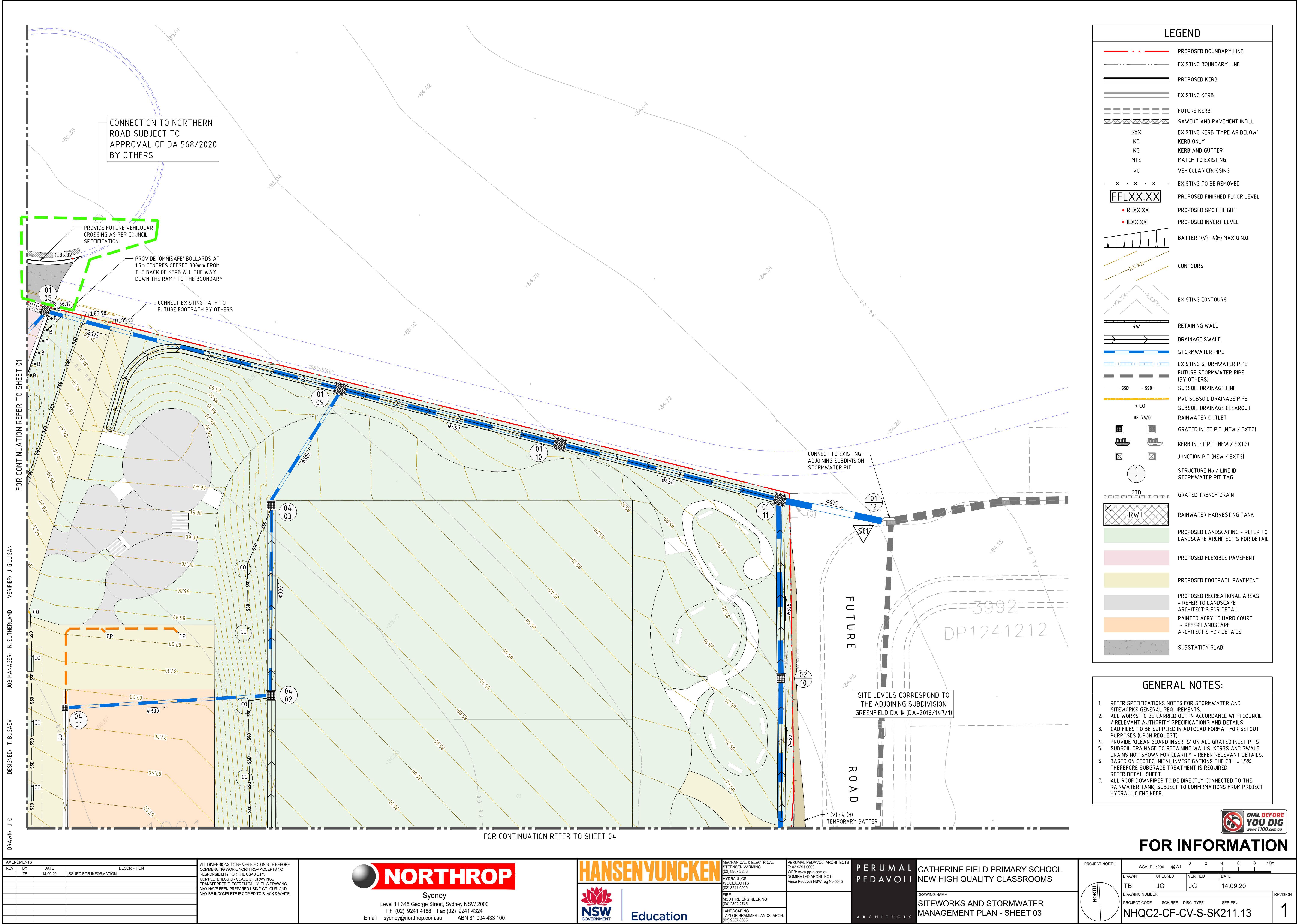
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CATHERINE FIELD PRIMARY SCHOOL
NEW HIGH QUALITY CLASSROOMS
DRAWING NAME
SITEWORKS AND STORMWATER
MANAGEMENT PLAN - SHEET 02

PROJECT NORTH

SCALE 1:200 @ A1
DRAWN TB CHECKED NS VERIFIED JG DATE 14.09.20
DRAWING NUMBER NHCQ2-CF-CV-S-SK211.12
PROJECT CODE SCH. REF. DISC. TYPE SERIES#
REVISION 3



FOR CONTINUATION REFER TO SHEET 01

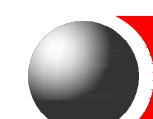
JOB MANAGER: N. SUTHERLAND VERIFIER: J. GILLIGAN

DESIGNED: T. BUGAEV

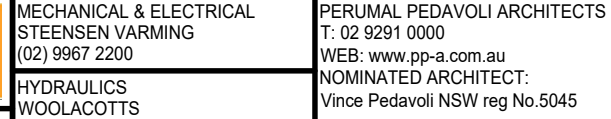
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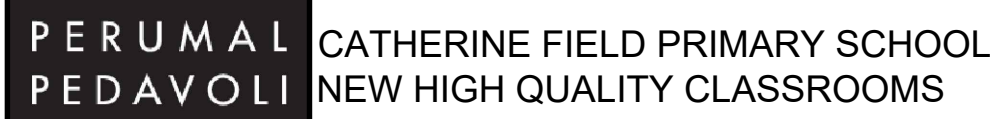
REV	BY	DATE	DESCRIPTION
1	TB	14.09.20	ISSUED FOR INFORMATION

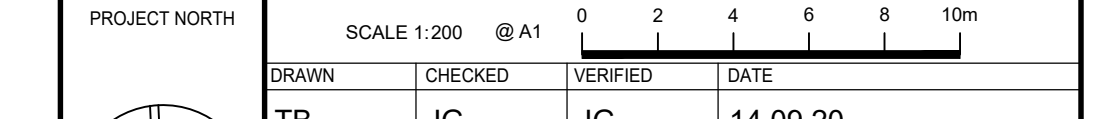
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**CATHERINE FIELD PRIMARY SCHOOL**
NEW HIGH QUALITY CLASSROOMS
DRAWING NAME: SITEWORKS AND STORMWATER MANAGEMENT PLAN - SHEET 03

**PROJECT NORTH**
SCALE 1:200 @ A1
DRAWN: TB CHECKED: JG VERIFIED: JG DATE: 14.09.20
DRAWING NUMBER: NHQC2-CF-CV-S-SK211.13
REVISION: 1