

PARRAMATTA EAST PUBLIC SCHOOL

30-32 BRABYN STREET, PARRAMATTA

GENERAL NOTES

- G1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS, AS1100 TECHNICAL DRAWING AND SYDNEY STREETS TECHNICAL SPECIFICATION (VERSION 4).
- G2 ANY DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- G3 DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
- G4 ANY SET OUT DIMENSIONS SHOWN ON THE DRAWING SHALL BE VERIFIED BY THE BUILDER.
- G5 DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN THE WORKS IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.
- G6 ALL WORK SHALL COMPLY WITH THE BUILDING CODE OF AUSTRALIA AND RELEVANT AUSTRALIAN STANDARD CODES.

EARLY PHYSICAL INVESTIGATIONS

- EP1 AT THE START OF THE WORKS, THE CONTRACTOR SHALL PHYSICALLY LOCATE ALL SERVICES AND POSSIBLE OBSTRUCTIONS TO THE PROPOSED STORMWATER DRAINAGE LINES. THE CONTRACTOR SHALL CONFIRM EXISTING PAVEMENT DEPTHS, AS WELL AS COVER DEPTHS OF EXISTING SERVICES TO ENSURE MINIMUM COVER IS MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE SUPERINTENDENT WITH MARKED UP DRAWINGS INDICATING THE LOCATION AND DEPTH OF THE ABOVE OBSTRUCTIONS.

EXISTING SERVICES NOTES

- ES1 ALL SERVICES SHOWN ON THE DRAWINGS HAVE BEEN COMPILED FROM INFORMATION SUPPLIED. NO GUARANTEE OF THEIR COMPLETENESS OR ACCURACY OF LOCATION CAN BE GIVEN.
- ES2 IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RESEARCH AND LOCATE EXISTING SERVICES PRIOR TO ANY EXCAVATION WORKS. AT START OF PROJECT, IDENTIFY THE LOCATION, TYPE, SIZE AND LEVEL/COVER OF ALL SERVICES. ADVISE THE SUPERINTENDENT IMMEDIATELY OF ANY POTENTIAL CLASHES WITH PROPOSED WORKS.
- ES3 ANY EXISTING SERVICES INTENDED TO BE ALTERED ARE NOTED ON THE DRAWING.
- ES4 ALL SERVICE MARKERS AND OR COVERS EFFECTED BY LEVEL CHANGES OR BY PAVING ALIGNMENTS IN THE WORKS SHALL BE ADJUSTED OR RENEWED AS REQUIRED BY THE WORKS.
- ES5 THE CONTRACTOR IS TO MAKE CONTACT WITH ALL SERVICE AUTHORITY REPRESENTATIVES AT THE BEGINNING OF THE PROJECT TO ENSURE THAT UTILITY ADJUSTMENTS ARE DONE EARLY AND DO NOT DELAY THE PROJECT.

DRAINAGE NOTES

- D1 ALL WORKS SHALL BE IN ACCORDANCE WITH SYDNEY STREETS TECHNICAL SPECIFICATIONS (VERSION 4).
- D2 FOR PIPE DIAMETERS NOT EXCEEDING 150mm, USE:
- SEWER GRADE UPVC TO AS 1260
- D3 FOR PIPE DIAMETERS EXCEEDING 150mm, USE:
- CLASS 4 REINFORCED CONCRETE PIPE TO AS 4058
- D4 PVC PIPES SHALL BE SOLVENT WELDED. ALL OTHER PIPES SHALL BE RUBBER RING JOINTED UNLESS NOTED OTHERWISE.
- D5 UNLESS SPECIFIED OTHERWISE, BACKFILL TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY'S TECHNICAL SPECIFICATION.
- D6 LOADS ON PIPES DURING CONSTRUCTION SHALL NOT EXCEED THE REQUIREMENT OF AS 3725, OR THE RECOMMENDATIONS OF THE PIPE MANUFACTURER.
- D7 TRENCH WIDTHS SHALL BE IN ACCORDANCE WITH THE CITY'S TECHNICAL SPECIFICATION.
- D8 AT START OF PROJECT, PRIOR TO INSTALLATION OF ANY STORMWATER, CONFIRM LEVELS OF EXISTING STORMWATER AND OTHER SERVICES. IMMEDIATELY ADVISE THE SUPERINTENDENT OF ANY DISCREPANCIES OR CLASHES.
- D9 PROVIDE STEP IRONS WHERE PIT IS DEEPER THAN 1.0m AT 300mm CENTRES. TO BE INSTALLED IN ACCORDANCE WITH AS 3500.
- D10 MAKE GOOD ROAD PAVEMENT FOLLOWING INSTALLATION OF NEW STORMWATER PITS AND PIPES.
- D11 PITS TO BE FOUNDED ON NATURAL GROUND WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 150 kPa.

ASPHALTIC CONCRETE PAVEMENT NOTES

- AC1 SUB BASECOURSE MATERIAL SHALL BE DGS 40 MATERIAL COMPLYING WITH R.M.S. FORM QA3051.
- AC2 BASECOURSE MATERIAL SHALL BE DGB 20 MATERIAL COMPLYING WITH R.M.S. FORM QA3051.
- AC3 ASPHALTIC CONCRETE SURFACING SHALL BE SUPPLIED AND LAID IN ACCORDANCE WITH R.M.S. SPECIFICATION R116 & AS 2150 ASPHALTIC PAVING - GUIDE TO GOOD PRACTICE.

PEPS-WCE-ZZ-ZZ-DR-C-0010

ALBERT STREET EAST

PEPS-WCE-ZZ-ZZ-DR-C-0011

KEY PLAN

DRAWING LIST

PEPS-WCE-00-00-DR-C-0001	KEY PLAN, STANDARD NOTES AND LEGEND
PEPS-WCE-00-00-DR-C-0010	CIVIL WORKS PLAN - SHEET 1
PEPS-WCE-00-00-DR-C-0011	CIVIL WORKS PLAN - SHEET 2
PEPS-WCE-00-00-DR-C-0100	CIVIL WORKS DETAILS - SHEET 1
PEPS-WCE-00-00-DR-C-0101	CIVIL WORKS DETAILS - SHEET 2
PEPS-WCE-00-00-DR-C-0201	EROSION AND SEDIMENT CONTROL PLAN - SHEET 1
PEPS-WCE-00-00-DR-C-0202	EROSION AND SEDIMENT CONTROL PLAN - SHEET 2
PEPS-WCE-00-00-DR-C-0203	EROSION AND SEDIMENT CONTROL DETAILS
PEPS-WCE-00-00-DR-C-0301	RAISED PEDESTRIAN CROSSING PLAN
PEPS-WCE-00-00-DR-C-0401	CUT AND FILL PLAN

STORMWATER DRAINAGE DESIGN SUMMARY

OSD TANK CATCHMENT INFORMATION

TOTAL PROPOSED DEVELOPMENT AREA = 3515m²
PROPOSED DEVELOPMENT AREA DIRECTING TO OSD TANK = 3515m²
PROPOSED DEVELOPMENT AREA BYPASSING OSD TANK = 0m²
PERCENTAGE OF PROPOSED DEVELOPMENT AREA BYPASSING OSD TANK = 0%

OSD REQUIREMENTS

SITE STORAGE = 470m³ PER HECTARE OF PROPOSED DEVELOPMENT AREA
PERMISSIBLE SITE DISCHARGE = 80l/s PER HECTARE OF PROPOSED DEVELOPMENT AREA
REFER TO THE CITY OF PARRAMATTA COUNCIL DEVELOPMENT ENGINEERING DESIGN GUIDELINES 2018, SECTION 2, TABLE 1.

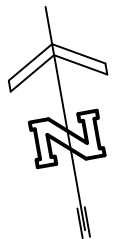
OSD VOLUME REQUIRED FOR 3515m² OF PROPOSED DEVELOPMENT AREA = 165.2m³
PERMISSIBLE SITE DISCHARGE FOR 3515m² OF PROPOSED DEVELOPMENT AREA = 28.12l/s

OSD TANK SUMMARY

OSD VOLUME PROVIDED = 170m³
ORIFICE DIAMETER = 114mm
CENTRE OF ORIFICE = RL 18.21
MAXIMUM OSD TOP WATER LEVEL = RL 19.30
MAXIMUM SITE DISCHARGE = 28.12l/s

No.	Date	Description	Ver.	Appr.
A	02.10.24	ISSUED FOR DA	JH	JC
B	23.10.24	RE-ISSUED FOR DA	JH	JC
C	03.03.25	ISSUED FOR REF	JH	JC

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CONSTRUCTION



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JDH ARCHITECTS
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SYDNEY NSW 2000

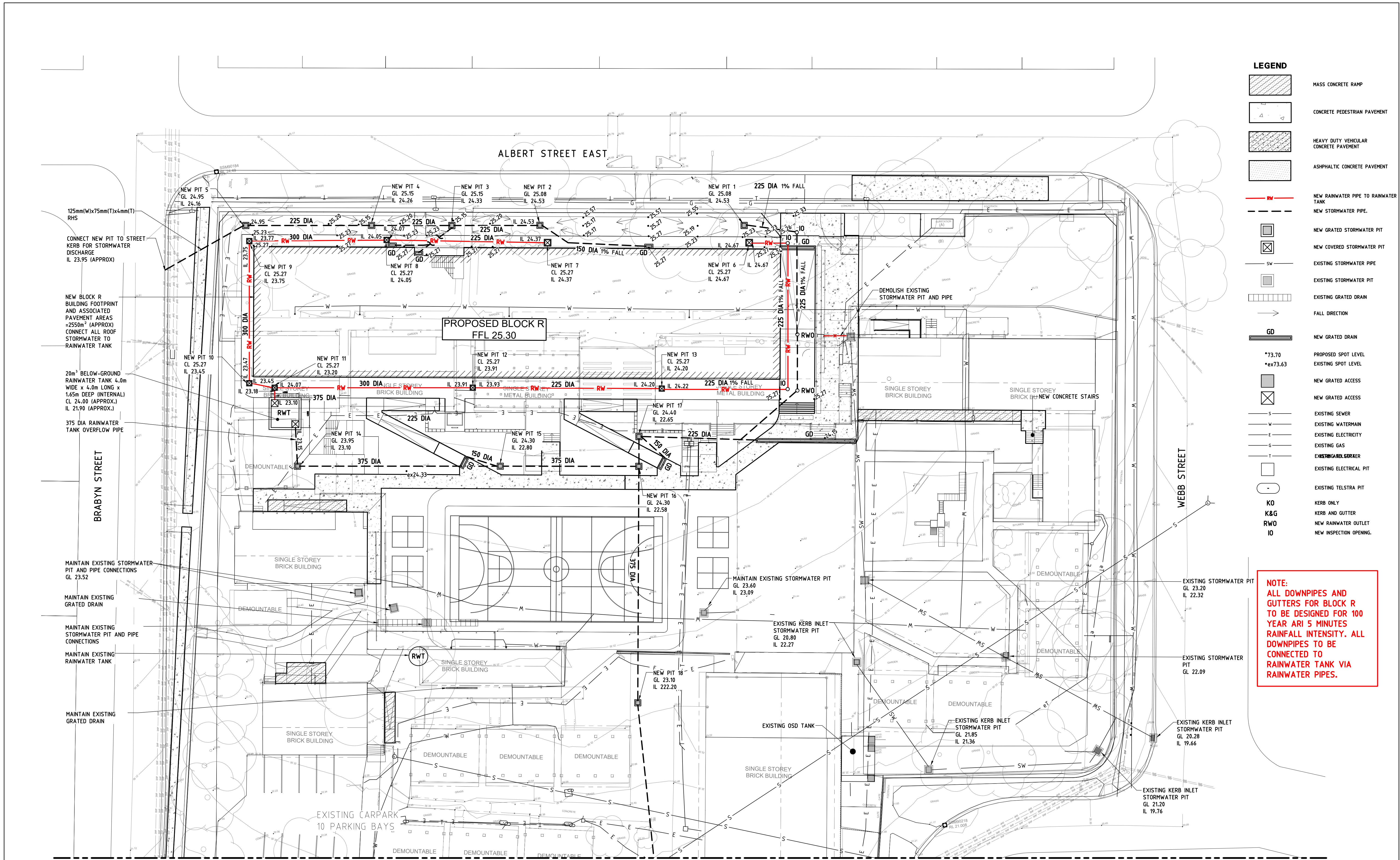
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30-32 BRABYN STREET, PARRAMATTA
NSW 2150

KEY PLAN, STANDARD
NOTES AND LEGEND

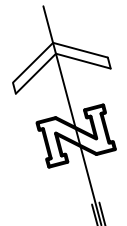
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Scale @ A1	JC	JH	CR	
	02.10.24	02.10.24		02.10.24
Job number	22-107	Drawing number	PEPS-WCE-00-00-DR-C-0001	Amendment
				C



FOR CONTINUATION REFER TO DRAWING C-0011

No.	Date	Description	Ver.	Appr.
A	02.10.24	ISSUED FOR DA	JH	JC
B	11.10.24	ISSUED FOR DA	JH	JC
C	03.03.25	ISSUED FOR REF	JH	JC

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30-32 BRABYN STREET, PARRAMATTA
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CIVIL WORKS PLAN
SHEET 1

Date OCTOBER 2024

Scale @ A1
1:250

Approved

Verified

Prepared

Amendment

Job number

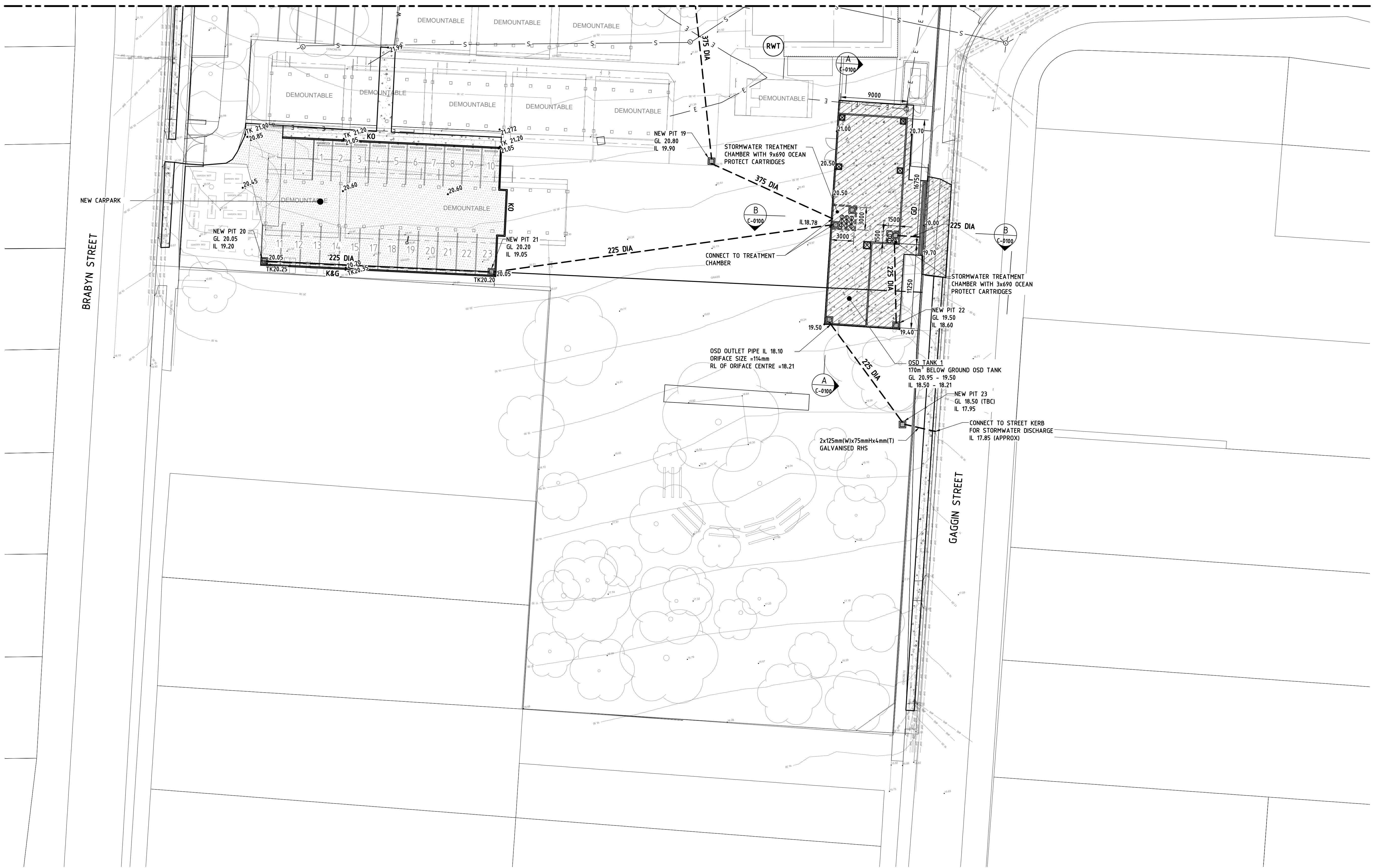
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Drawing number

PEPS-WCE-00-00-DR-C-0010

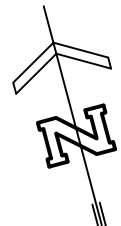
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FOR CONTINUATION REFER TO DRAWING C-0010



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30-32 BRABYN STREET, PARRAMATTA
NSW 2150
CIVIL WORKS PLAN
SHEET 2

Date	OCTOBER 2024	Approved	Verified	Prepared
Scale @ A1	1:250	JC	JH	CR
Job number	22-107	Drawing number	PEP-WCE-00-00-DR-C-0011	Amendment
				C

OSD TANK TO BE STRUCTURALLY DESIGNED DURING THE DETAILED DESIGN STAGE



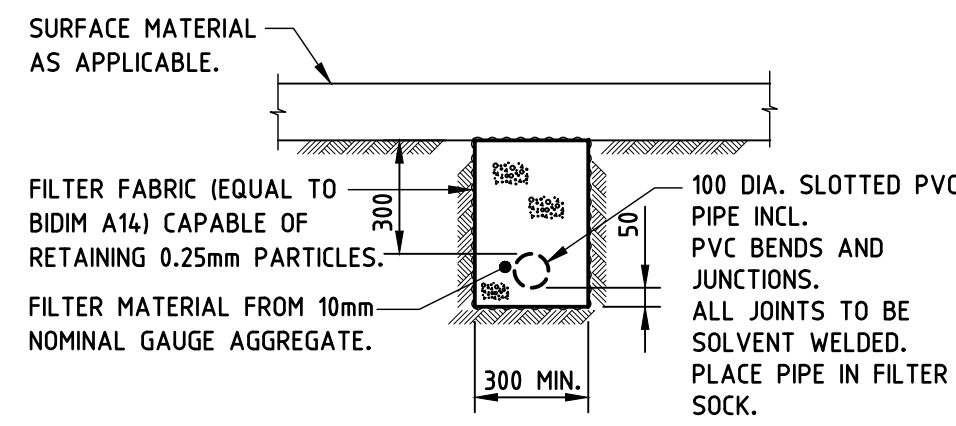
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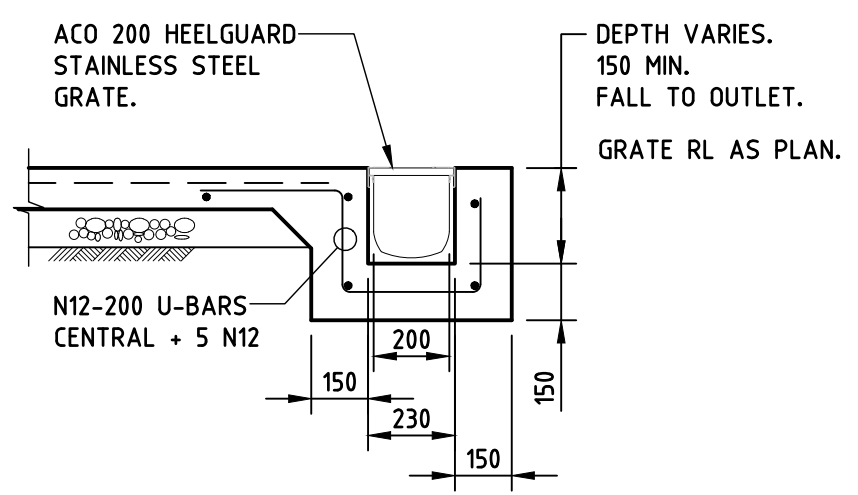
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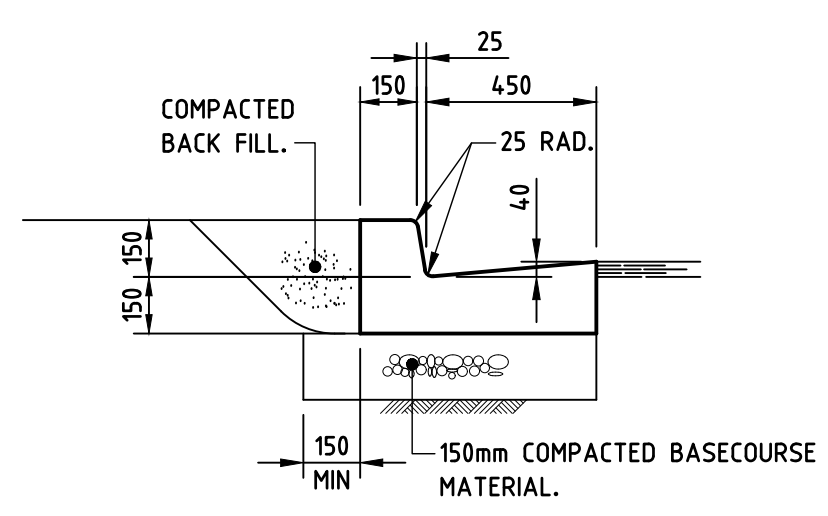
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Scale @ A1	1:20	JC 02.10.24	JH 02.10.24	CR 02.10.24
Job number	Drawing number			Amendment
22-107	PEPS-WCE-00-00-DR-C-0100			B



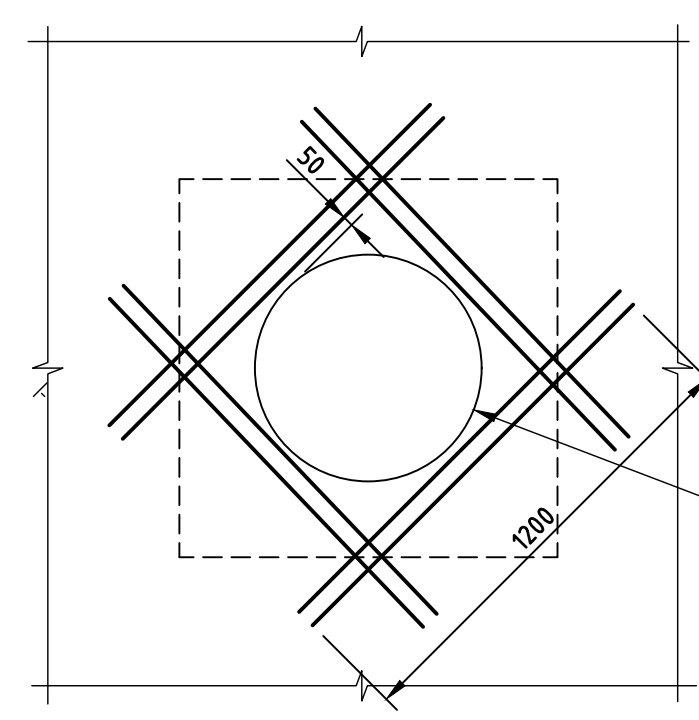
SUBSOIL DRAIN



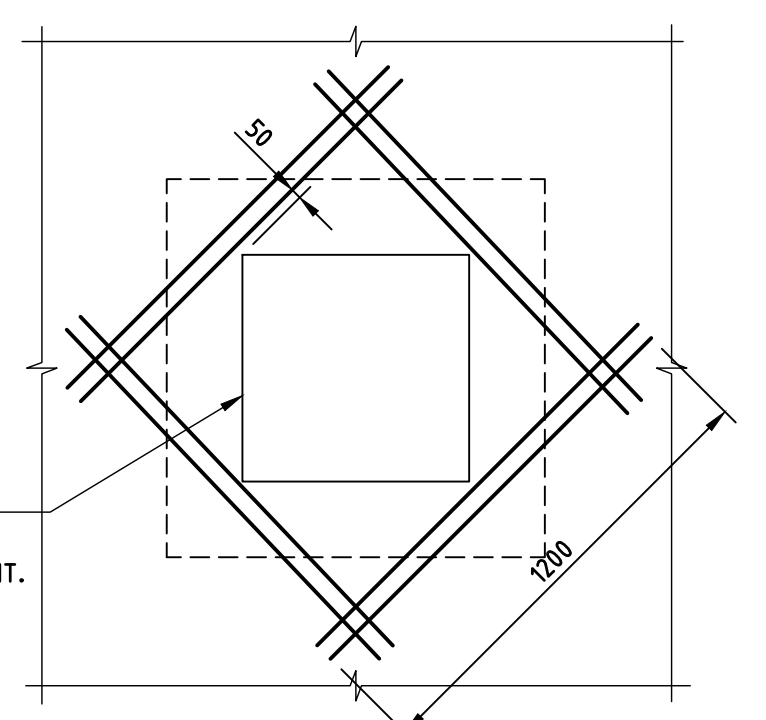
GRADED DRAIN DETAIL



KERB & GUTTER (K&G)

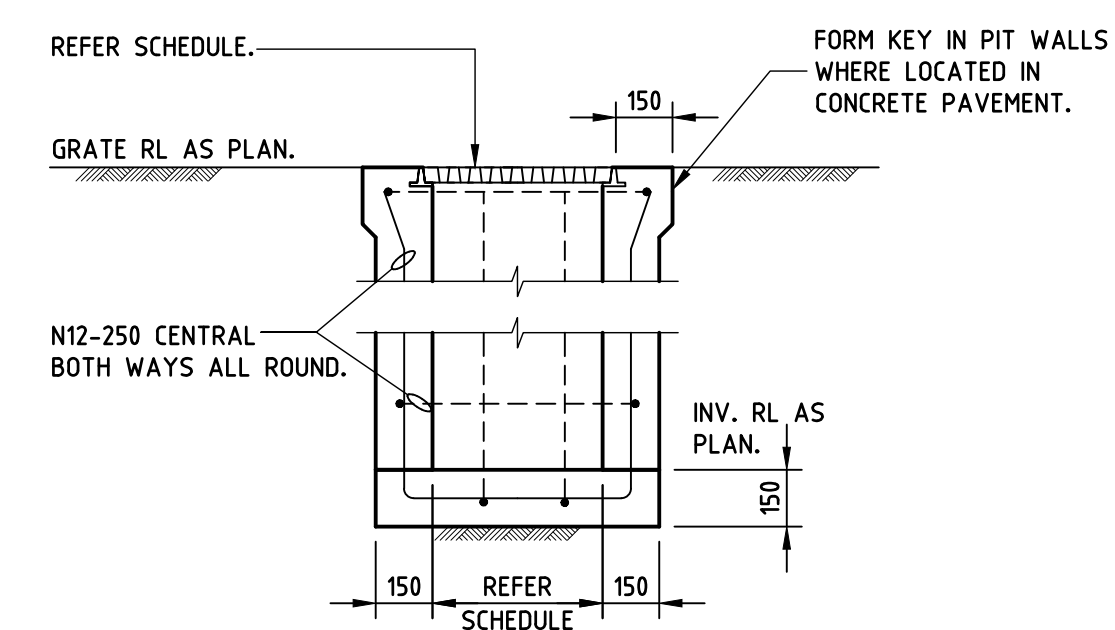


BASE SLAB - REINFORCING DETAIL
DETAIL FOR CIRCULAR PENETRATIONS

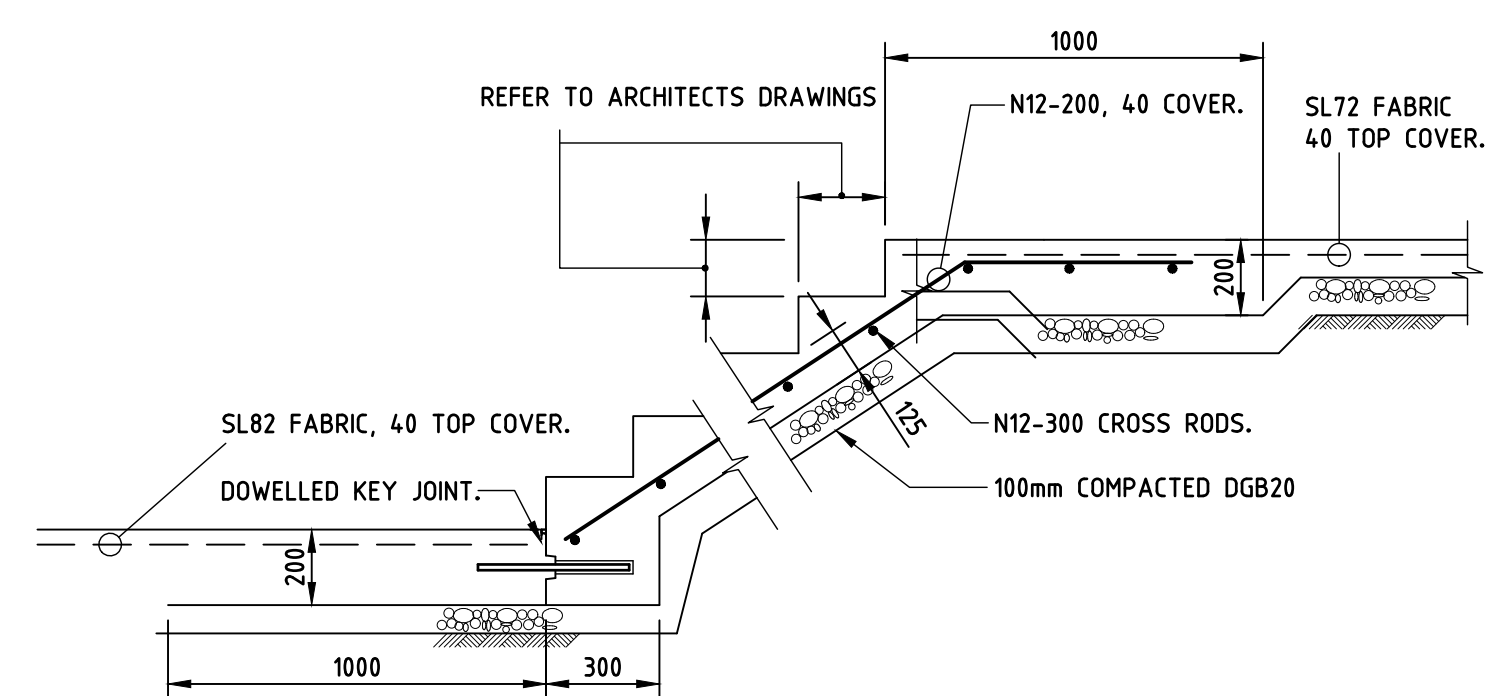


BASE SLAB - REINFORCING DETAIL
DETAIL FOR SQUARE PENETRATIONS

TYPICAL CONCRETE PAVEMENT PENETRATION DETAILS



PIT TYPICAL DETAIL
NOTE: ALL COVERS TO BE INFILL
TYPE TO MATCH SURROUNDING
PAVEMENT IN TYPE AND COLOUR.
ALL GRATES IN PEDESTRIAN AREAS
TO BE HEELGAUD STYLE,
COMPLIANT WITH AS1428



TYPICAL STAIR DETAIL

No.	Date	Description	Ver.	Appr.
A	02.10.24	ISSUED FOR DA	JH	JC
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C	03.03.25	ISSUED FOR REF	JH	JC

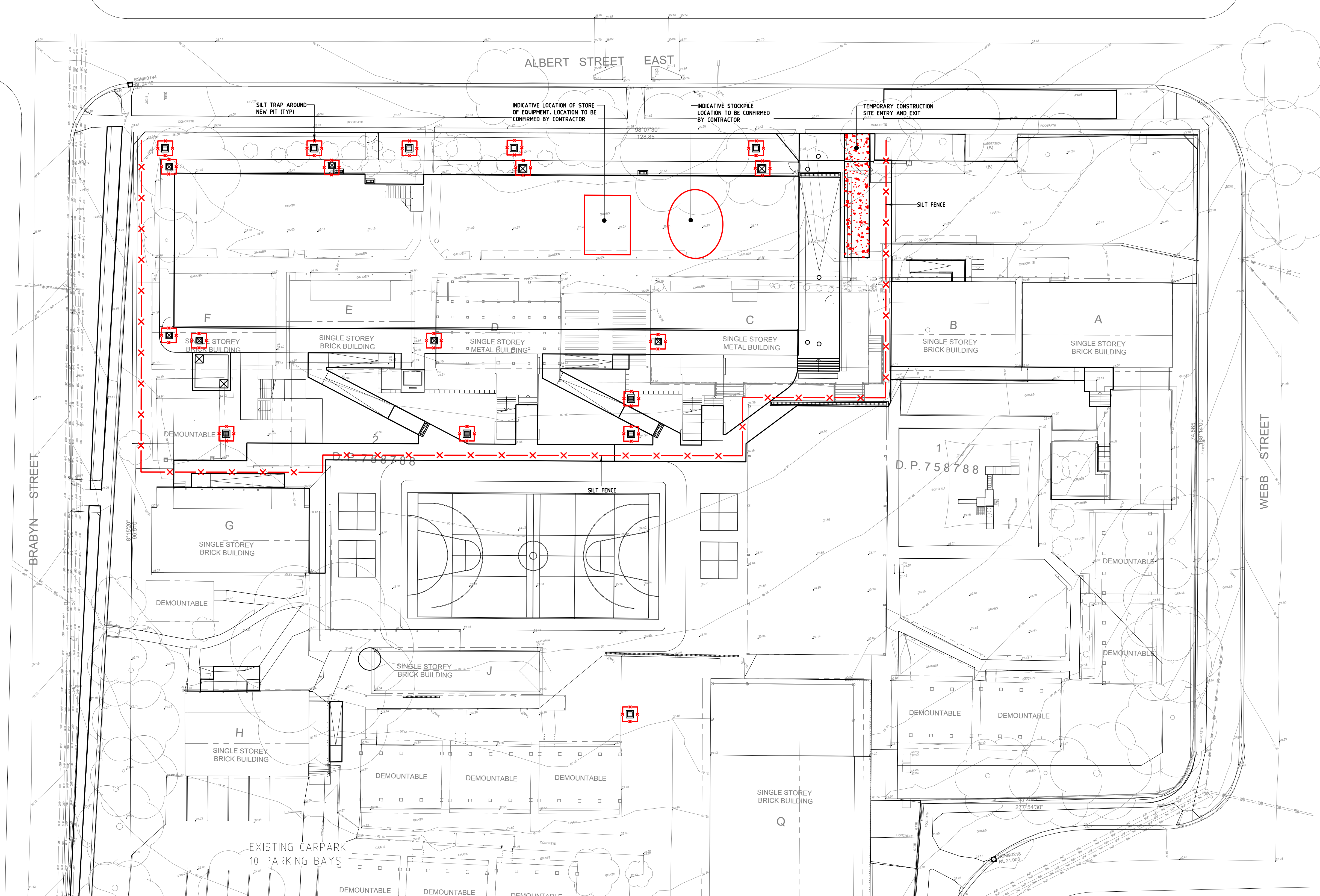
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30-32 BRABYN STREET, PARRAMATTA
NSW 2150
CIVIL WORKS DETAILS
SHEET 2

Date	OCTOBER 2024	Approved	Verified	Prepared
Scale @ A1	1:20	JC	JH	CR
Job number	22-107	Drawing number	PEPS-WCE-00-00-DR-C-0101	Amendment
				C



LEGEND

TEMPORARY CONSTRUCTION SITE ENTRY/EXIT. REFER DETAIL.

SILT FENCE. REFER DETAIL.

SILT TRAP

PROVIDE SILT FENCE TO LOW SIDE OF AREA OF WORKS (TYP). LOCATION TO BE ADAPTED ONSITE TO SUIT CONSTRUCTION STAGING AS REQUIRED. REFER TO DETAIL.

PROVIDE SEDIMENT TRAP AROUND ALL EXISTING STORMWATER PITS AND NEW STORMWATER PITS FOR ENTIRE DURATION OF WORKS.

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A	02.10.24	ISSUED FOR DA	JH	JC
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C	03.03.25	ISSUED FOR REF	JH	JC

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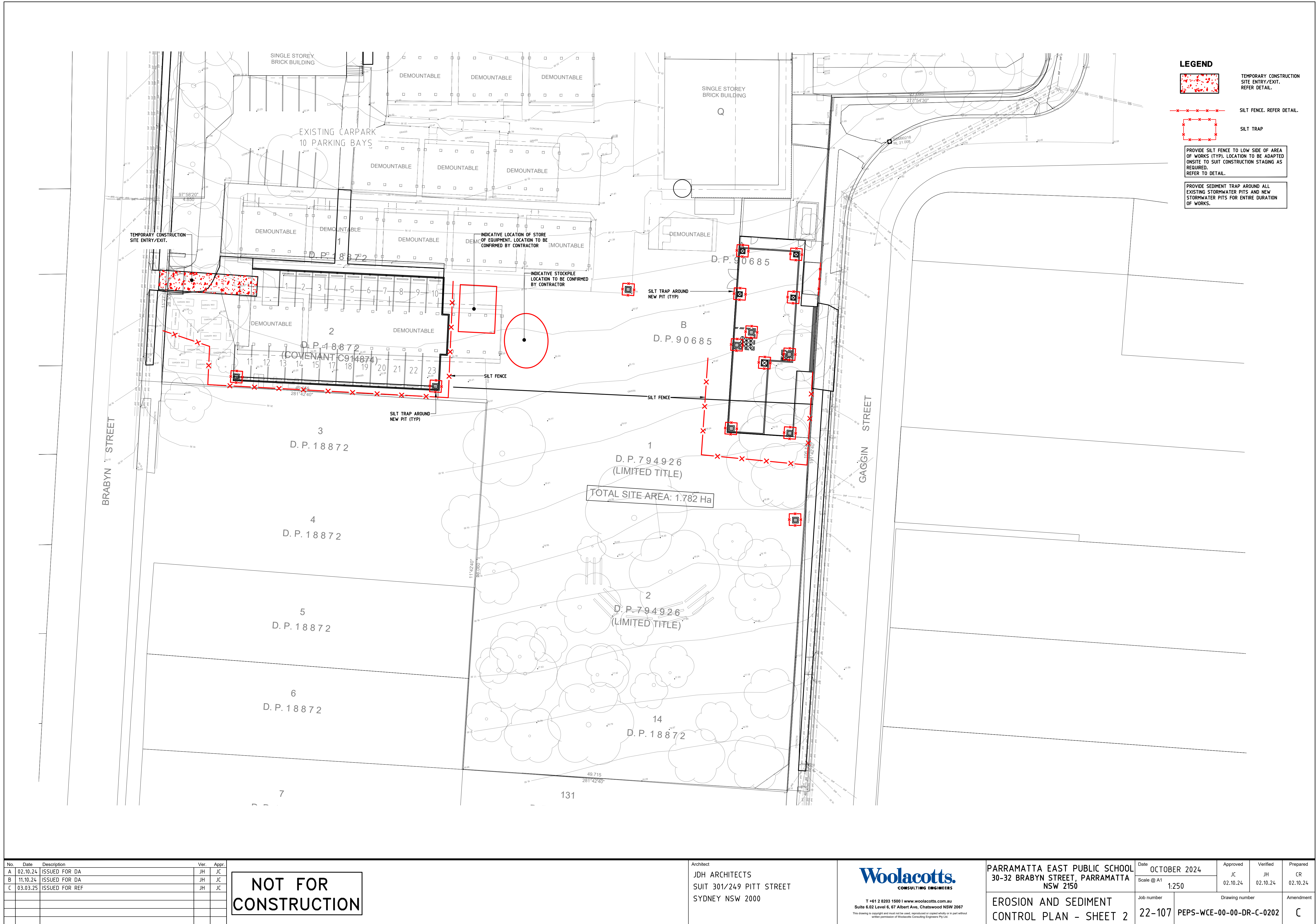
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30-32 BRABYN STREET, PARRAMATTA
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EROSION AND SEDIMENT
CONTROL PLAN - SHEET 1

Date	OCTOBER 2024	Approved	Verified	Prepared
Scale @ A1	1:250	JC	JH	CR
Job number	22-107	Drawing number	PEPS-WCE-00-00-DR-C-0201	Amendment
				C



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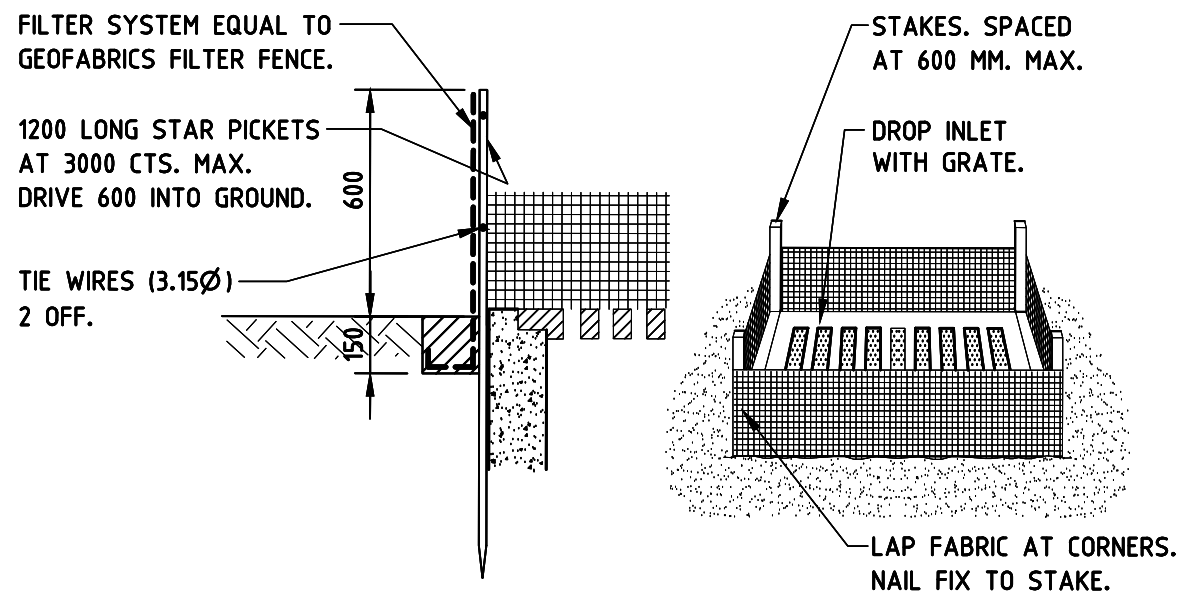
PARRAMATTA EAST PUBLIC SCHOOL
30-32 BRABYN STREET, PARRAMATTA
NSW 2150

Date **OCTOBER 2024**
Scale @ A1
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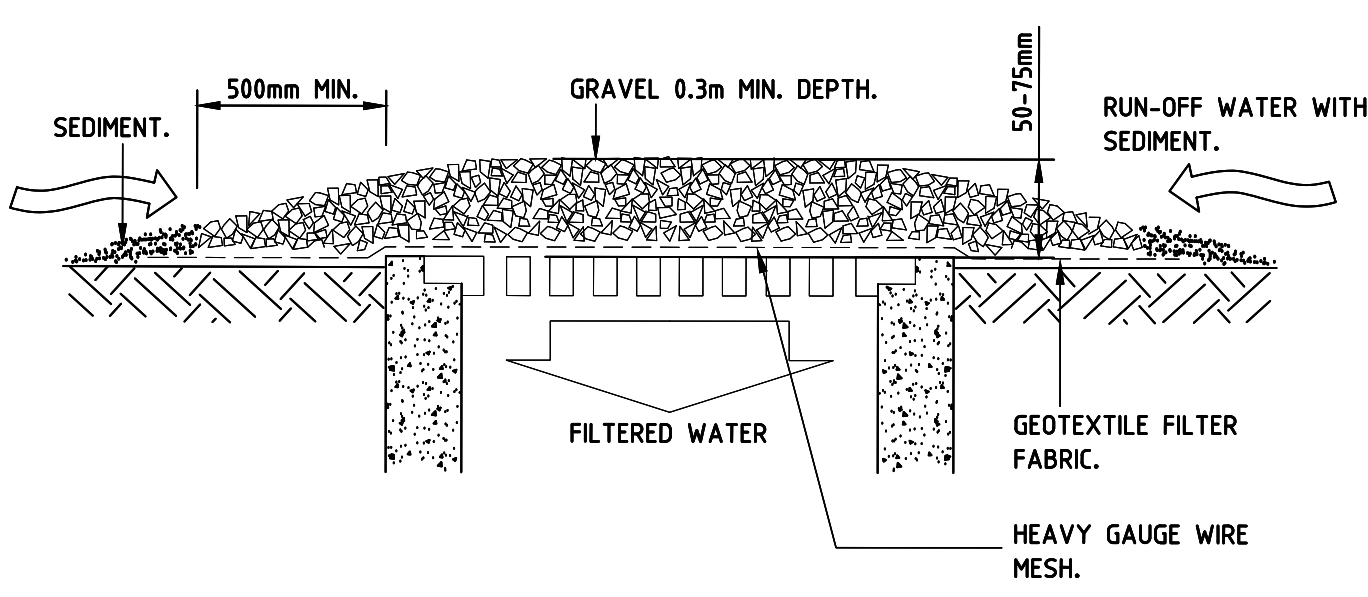
Approved	Verified	Prepared
JC	JH	CR
02.10.24	02.10.24	02.10.24

EROSION AND SEDIMENT
CONTROL PLAN - SHEET 2

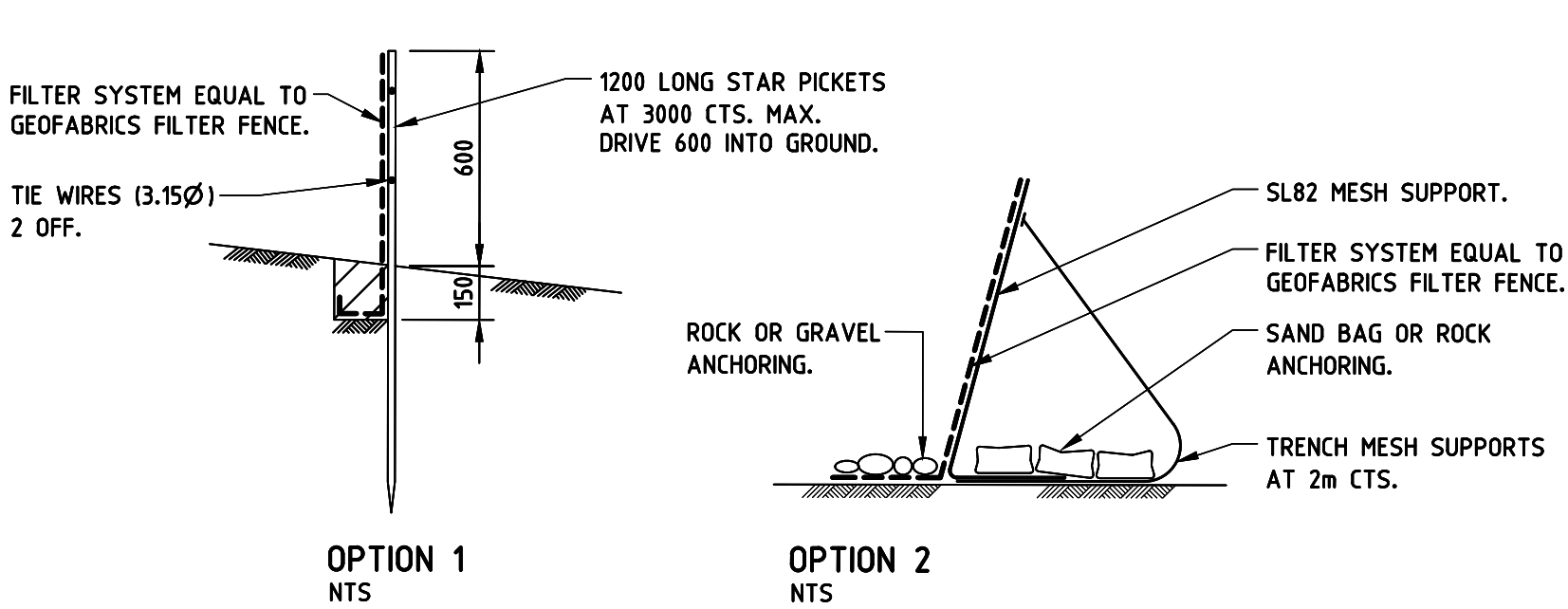
Job number	Drawing number	Amendment
22-107	PEPS-WCE-00-00-DR-C-0202	C



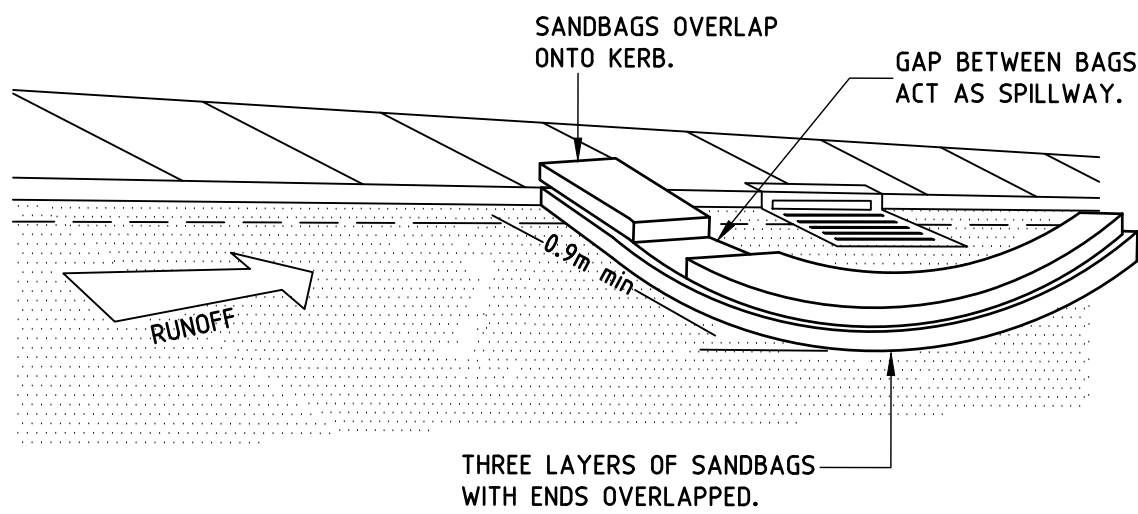
GEOFABRIC FILTER FABRIC DROP INLET SEDIMENT TRAP.
TO BE PROVIDED AT GRATED PITS WITHIN PVIOUS AREAS.



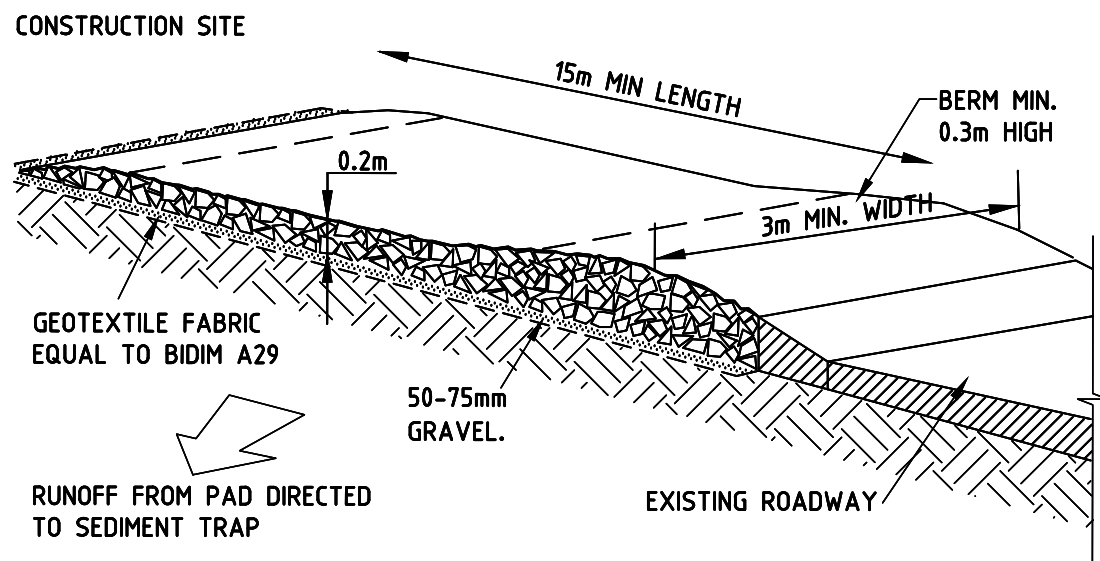
WIRE MESH AND GRAVEL DROP INLET SEDIMENT TRAP.
TO BE PROVIDED AT GRATED PITS WITHIN IMPVIOUS AREAS.



SILT FENCE DETAILS
TO BE PLACED AROUND LOW SIDE OF PROPERTY BOUNDARY AND AROUND STORMWATER INLET STRUCTURES TO PREVENT SOIL WASHING OFF SITE.



TYPICAL SANDBAG KERB INLET SEDIMENT TRAP
TO BE LOCATED AROUND EXISTING KERB INLET PIT



TEMPORARY CONSTRUCTION ENTRY/EXIT
TO BE LOCATED AT VEHICLE EXIT FROM SITE

No.	Date	Description	Ver.	Appr.
A	02.10.24	ISSUED FOR DA	JH	JC
B	03.03.25	ISSUED FOR REF	JH	JC

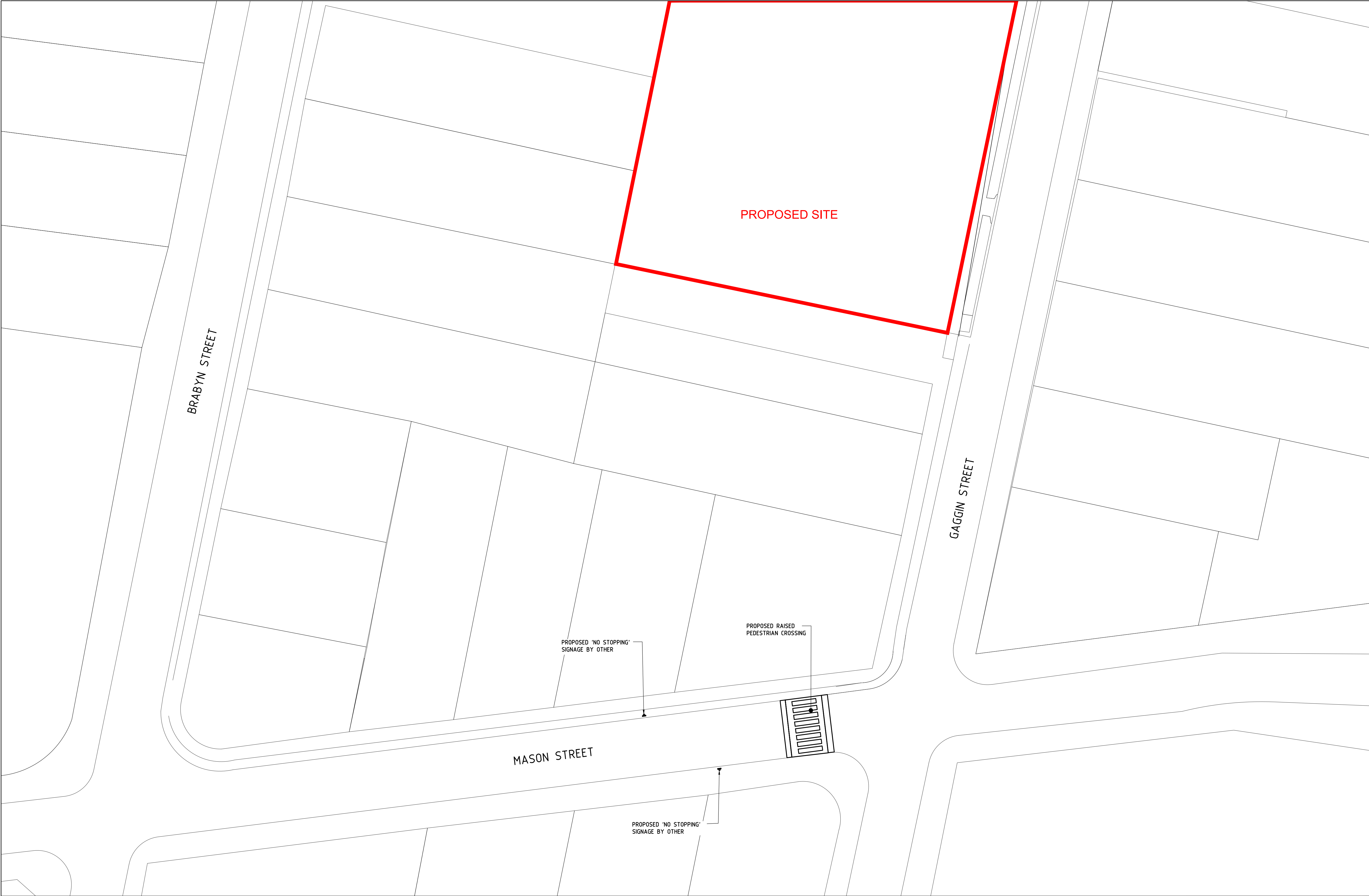
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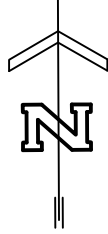
PARRAMATTA EAST PUBLIC SCHOOL
30-32 BRABYN STREET, PARRAMATTA
NSW 2150
EROSION AND SEDIMENT
CONTROL DETAILS

Date	OCTOBER 2024	Approved	Verified	Prepared
Scale @ A1	1:20	JC	JH	CR
02.10.24	02.10.24	02.10.24	02.10.24	02.10.24
Job number	22-107	Drawing number	PEPS-WCE-00-00-DR-C-0203	Amendment
				B



No.	Date	Description	Ver.	Appr.
A	02.10.24	ISSUED FOR DA	JH	JC
B	23.10.24	RE-ISSUED FOR DA	JH	JC
C	03.03.25	ISSUED FOR REF	JH	JC

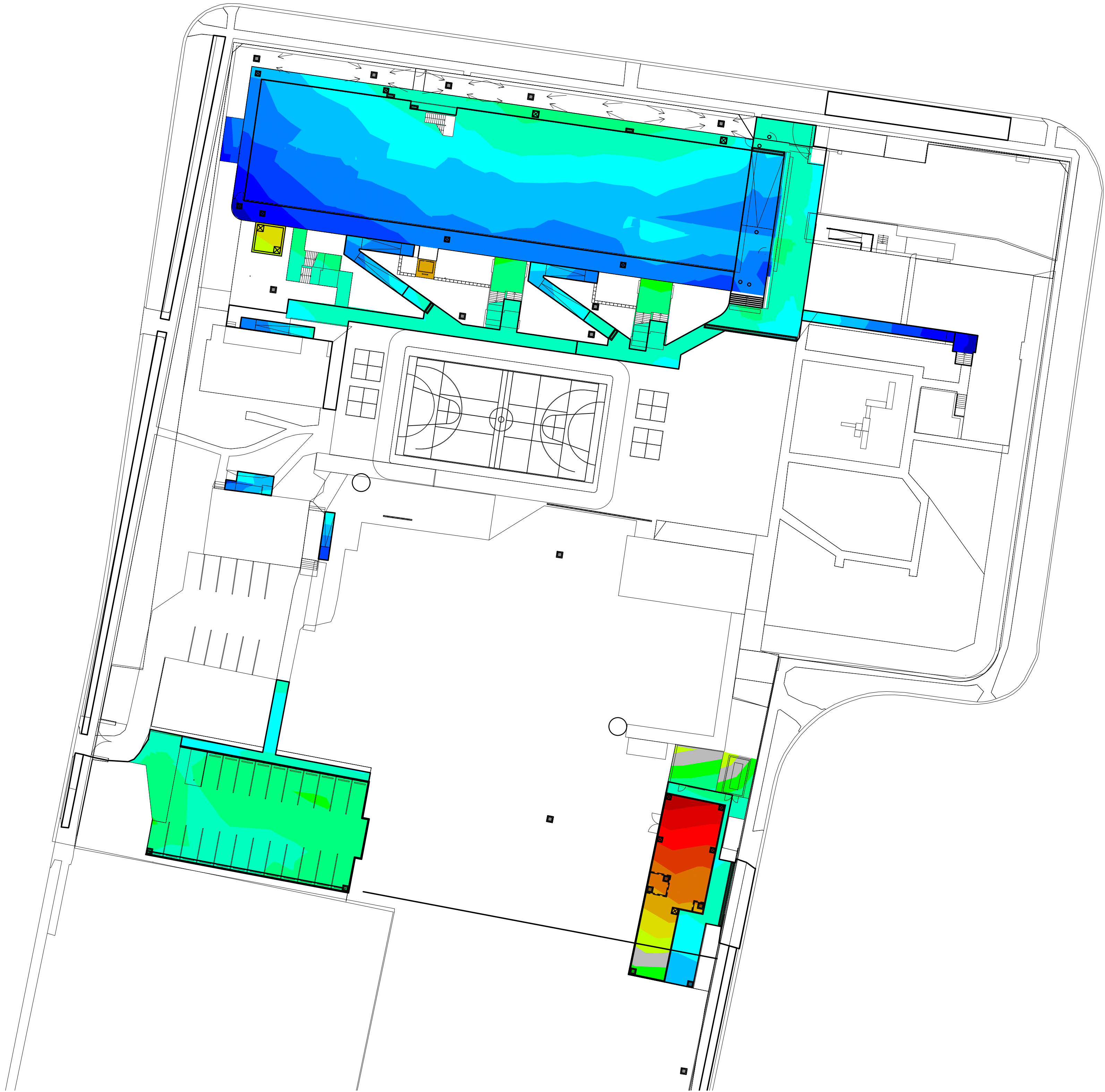
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	Scale @ A1 1:250				
RAISED PEDESTRIAN CROSSING PLAN	Job number 22-107	Drawing number PEPS-WCE00-00-DR-C-0301			Amendment C



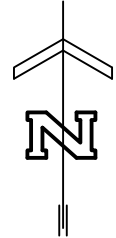
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No.	Min. Level	Max. Level	Colour
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2	-2.800	-2.600	
3	-2.600	-2.400	
4	-2.400	-2.200	
5	-2.200	-2.000	
6	-2.000	-1.800	
7	-1.800	-1.600	
8	-1.600	-1.400	
9	-1.400	-1.200	
10	-1.200	-1.000	
11	-1.000	-0.800	
12	-0.800	-0.600	
13	-0.600	-0.400	
14	-0.400	-0.200	
15	-0.200	0.000	
16	0.000	0.200	
17	0.200	0.400	
18	0.400	0.600	
19	0.600	0.800	
20	0.800	1.000	

CUT AND FILL SUMMARY

CUT FACTOR	FILL FACTOR	CUT VOLUME	FILL VOLUME	NET VOLUME
1.1	1.0	1164.37m ³	348.60m ³	815.77m ³ (CUT)

No.	Date	Description	Ver.	Appr.
A	02.10.24	ISSUED FOR DA	JH	JC
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NSW 2150

Date	OCTOBER 2024	Approved	Verified	Prepared
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02.10.24	02.10.24	02.10.24	02.10.24	02.10.24
Job number	22-107	Drawing number	PEPS-WCE-00-00-DR-C-0401	Amendment
				C

CUT AND FILL PLAN

Woolacotts.
CONSULTING ENGINEERS

PROJECT:	PARRAMATTA EAST PUBLIC SCHOOL BRABYN STREET PARRAMATTA NSW 2150	Our Ref: 22-107
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