

KNOX GRAMMAR SCHOOL - EWAN HOUSE

7 WOODVILLE AVENUE, WAHROONGA, NSW, 2076

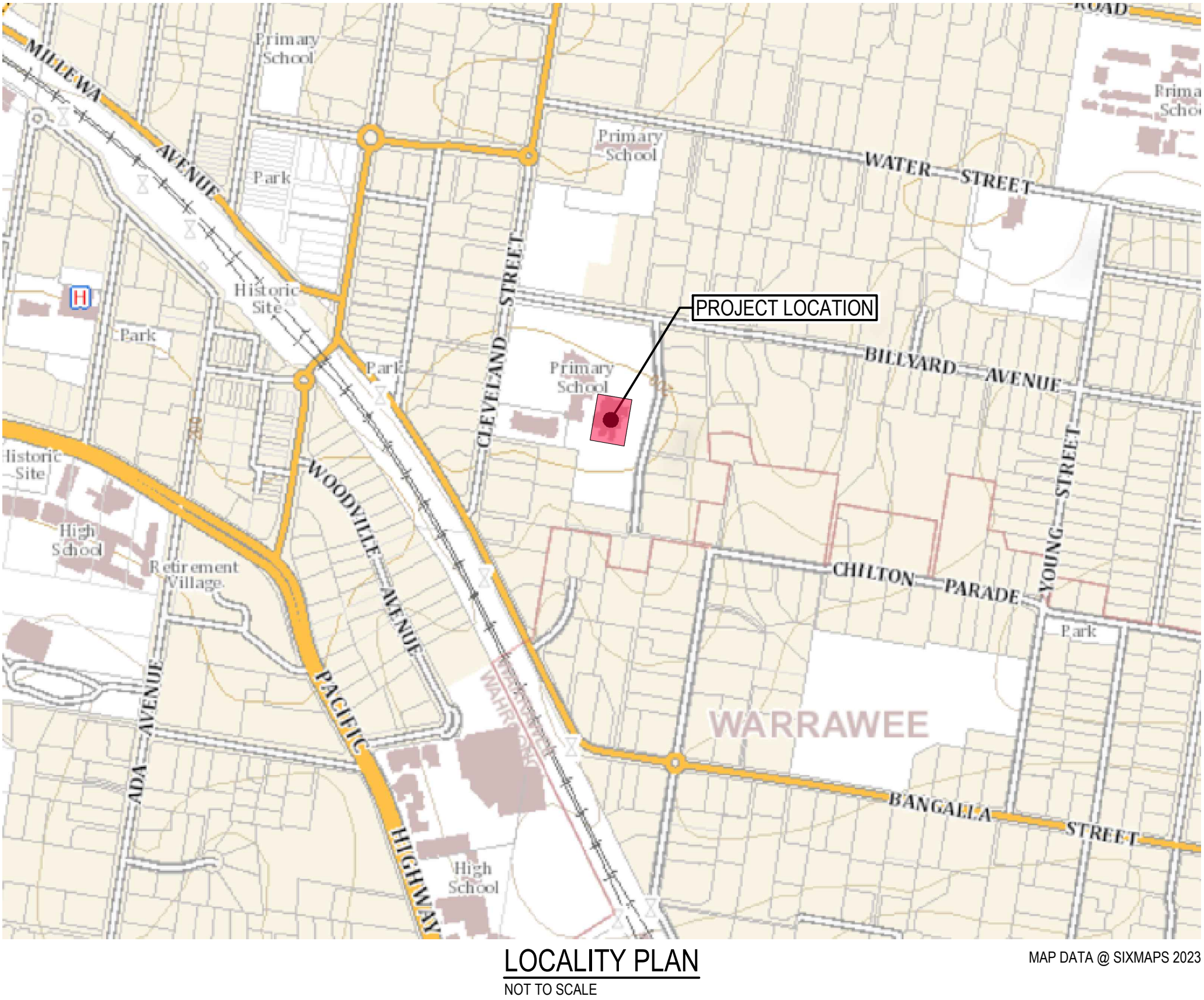
CIVIL SERVICES

CIVIL LEGEND	
FFL 203.64	FINISHED FLOOR LEVEL
•P202.70	FINISHED SURFACE LEVEL
•EX202.68	EXISTING SURFACE LEVEL
	GRATED DRAIN
	STORMWATER DRAINAGE STRUCTURE
DP	DOWNPIPE CONNECTION (Ø150 uPVC UNO)
RWO	RAINWATER CONNECTION (Ø150 uPVC UNO)
	STORMWATER DRAINAGE LINE

EXISTING SERVICES LEGEND	
EX/D	EXISTING DRAINAGE LINE
EX/S	EXISTING SEWER LINE
EX/E	EXISTING ELECTRICAL LINE
EX/W	EXISTING WATER LINE
EX/T	EXISTING TELSTRA LINE
EX/G	EXISTING GAS LINE
EX/U	EXISTING UNKNOWN SERVICE LINE
	EXISTING GRATED DRAIN
	EXISTING STORMWATER PIT
	EXISTING TELSTRA PIT
	EXISTING SEWER INSPECTION OPENING
SMH	EXISTING SEWER MANHOLE
PP	EXISTING POWER POLE
HYD	EXISTING WATER HYDRANT
WM	EXISTING WATERMAIN
TAP	EXISTING WATER TAP
GAS	EXISTING GAS PIT
EXDP	EXISTING DOWNPIPE

SOIL EROSION AND SEDIMENT CONTROL LEGEND	
	WRAP INLET GRATE IN FILTER FABRIC. PROVIDE AT ALL EXISTING SURFACE STORMWATER PITS, RAINWATER OUTLETS AND TRENCH DRAINS.
	SAND BAG SEDIMENT TRAP

PAVEMENT LEGEND	
	PAVEMENT TYPE 1 RE-INSTATED PAVEMENT AS PER EXISTING PAVEMENT PROFILE TO BE CONFIRMED ON SITE BY GEOTECHNICAL INVESTIGATION OR ACOR ASSUME THAT CURRENT SUBGRADE CAN BE RE-UTILISED. IF CURRENT SUBGRADE IS NOT APPROPRIATE, PLEASE USE PAVEMENT TYPE 3
	PAVEMENT TYPE 2 TIMBER DECK. REFER TO ARCHITECTS DETAILS
	PAVEMENT TYPE 3 CONCRETE FOOTPATH PAVEMENT
	DESIGN FINISHED SURFACE LEVEL 125mm THICK CONCRETE (f _c =25MPa) WITH SL72 MESH PLACED CENTRALLY 50mm SHARP SAND BLINDING COMPACTED SUBGRADE

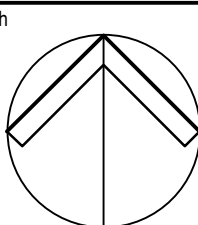


DRAWING INDEX		
DRAWING NUMBER	DRAWING TITLE	REVISION
C101-001	COVER SHEET, LEGENDS AND DRAWING INDEX	B
C101-101	NOTES SHEET	B
C103-001	SOIL EROSION AND SEDIMENT CONTROL PLAN	B
C103-101	SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS	B
C108-001	STORMWATER MANAGEMENT PLAN	B
C109-001	PAVEMENT PLAN	B

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Issue	Description	Date	Drawn	Approved
B	REISSUE FOR DEVELOPMENT APPLICATION	12.02.24	DW	GL
A	ISSUE FOR DEVELOPMENT APPLICATION	24.11.23	RP	GL



Client
KNOX GRAMMAR SCHOOL

2 BORAMBIL STREET
WAHROONGA, NSW, 2076

Architect
DREW DICKSON ARCHITECTS

Nominated Architect: Alexander du Buisson
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Project
**KNOX GRAMMAR SCHOOL
EWAN HOUSE**
7 WOODVILLE AVENUE
WAHROONGA, NSW, 2076

Drawing Title COVER SHEET, LEGENDS AND DRAWING INDEX					
Drawn JK	Date SEP 2023	Scale N/A	A1	Q.A. Check GL	Date 23.11.23
Designed EL/RG	Project No. NS230988	Dwg. No. C101-001	Issue B		

NOT FOR CONSTRUCTION



IMPORTANT: THE CONTRACTOR IS TO MAINTAIN A CURRENT SET OF "BEFORE YOU DIG" DRAWINGS ON SITE AT ALL TIMES.

GENERAL NOTES

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
2. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION
3. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
4. ALL DIMENSIONS ON DETAILS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. ALL PLANS AND LEVELS ARE EXPRESSED IN METRES.
5. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURAL STABILITY OF THE WORKS AND ENSURE NO PARTS BE OVER STRESSED UNDER CONSTRUCTION ACTIVITIES.
6. WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RELEVANT CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS, AND THE LOCAL STATUTORY AUTHORITIES, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
7. THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM ACOR CONSULTANTS / PRINCIPAL'S REPRESENTATIVE BUT IS NOT AN AUTHORISATION FOR A VARIATION. ANY VARIATIONS INVOLVED MUST BE TAKEN UP WITH ACOR CONSULTANTS / PRINCIPAL'S REPRESENTATIVE BEFORE THE WORK COMMENCES.
8. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE ENGINEER FOR A DECISION BEFORE PROCEEDING WITH THE WORK.
9. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE FOR ALL ENGINEERING INSPECTIONS. ALL INSPECTIONS AND CERTIFICATIONS TO BE INCLUDED IN CONTRACTORS COST.
10. BUILDING FROM THESE DRAWINGS IS NOT TO COMMENCE UNTIL APPROVED BY THE PRINCIPAL CERTIFYING AUTHORITY.
11. THE WORD 'ENGINEER' USED IN THESE NOTES REFER TO AN EMPLOYEE OR NOMINATED REPRESENTATIVE OF **ACOR CONSULTANTS PTY LTD.**
12. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE RELEVANT CURRENT WORKPLACE HEALTH AND SAFETY LEGISLATION.

EXISTING SERVICES AND FEATURES

1. THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION, REMOVAL AND DISPOSAL IF REQUIRED OF ALL EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE PRINCIPAL'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
3. PRIOR TO COMMENCEMENT OF ANY WORKS THE CONTRACTOR SHALL GAIN WRITTEN APPROVAL OF THEIR PROGRAMME FOR THE RELOCATION/CONSTRUCTION OF TEMPORARY SERVICES.
4. EXISTING BUILDINGS, EXTERNAL STRUCTURES, AND TREES SHOWN ON THESE DRAWINGS ARE FEATURES EXISTING PRIOR TO ANY DEMOLITION WORKS.
5. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE PRINCIPAL'S REPRESENTATIVE. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE PRINCIPAL'S REPRESENTATIVE.
6. INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. CONTRACTOR TO GAIN APPROVAL OF PRINCIPAL'S REPRESENTATIVE FOR TIME OF INTERRUPTION.

SITEWORKS NOTES

1. ORIGIN OF LEVELS :- AUSTRALIAN HEIGHT DATUM (A.H.D.)
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE PRINCIPAL'S REPRESENTATIVE.
4. EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE PRINCIPAL'S REPRESENTATIVE. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
5. WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
8. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH AN APPROVED NON-NATURAL GRANULAR MATERIAL AND COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS.1289.5.1.1.
9. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
10. ON COMPLETION OF PIPE INSTALLATION ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL, INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS.
11. PROVIDE 10mm WIDE EXPANDING CORK JOINTS BETWEEN CONCRETE PAVEMENTS AND ALL BUILDINGS, WALLS, FOOTINGS, COLUMNS, KERBS, DISH DRAINS, GRATED DRAINS, BOLLARD FOOTINGS ETC
12. CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.
13. ALL BATTERS TO BE GRASSED LINED WITH MINIMUM 100 TOPSOIL AND APPROVED COUCH LAID AS TURF.
14. MAKE SMOOTH TRANSITION TO EXISTING SERVICES AND MAKE GOOD.
15. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.
16. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
17. TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.
18. ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN Ø80 uPVC SEWER GRADE CONDUITS EXTENDING A MIN OF 500mm PAST PAVING.
19. ON COMPLETION OF WORKS ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL INCLUDING, BUT NOT LIMITED TO, KERBS, FOOTPATHS, CONCRETE AREAS, GRASS AND LANDSCAPED AREAS.

STORMWATER NOTES

1. ALL 375 DIA. DRAINAGE PIPES AND LARGER SHALL BE CLASS "2" APPROVED SPIGOT AND SOCKET FRC OR RCP PIPES WITH RUBBER RING JOINTS. (U.N.O.) ALL DOWNPIPE DRAINAGE LINES SHALL BE SEWER GRADE uPVC WITH SOLVENT WELD JOINTS. (U.N.O.)
2. EQUIVALENT STRENGTH REINFORCED CONCRETE PIPES MAY BE USED.
3. ALL PIPE JUNCTIONS UP TO AND INCLUDING 450 DIA. AND TAPERS SHALL BE VIA PURPOSE MADE FITTINGS.
4. MINIMUM GRADE TO STORMWATER LINES TO BE 1%. (U.N.O.)
5. CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
6. ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
7. PRECAST PITS SHALL NOT BE USED UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.
8. WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50MM CONCRETE BED (OR 75MM THICK BED OF 12MM BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR ON THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75MM THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200MM ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150MM LAYERS TO 98% STANDARD MAX. DRY DENSITY.
9. BEDDING SHALL BE (U.N.O.) TYPE HS2, IN ACCORDANCE WITH CURRENT RELEVANT AUSTRALIAN STANDARDS.
10. WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
11. WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS UNSLOTTED UPVC SEWER GRADE PIPE SHALL BE USED.
12. PROVIDE 3.0M LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK, AT UPSTREAM END OF EACH PIT.

ASPHALTIC CONCRETE NOTES

- GENERAL

1. MINERAL AGGREGATES TO COMPLY WITH AUSTRALIAN STANDARDS

2. MINERAL FILLER TO COMPLY WITH AS.2357 MINERAL FILLERS OR ASPHALT.

3. BITUMEN BINDER SHALL COMPLY WITH AS 2008
- MIX PROPORTIONS

1. JOB MIX - 10mm NOMINAL SIZE AGGREGATE. MINIMUM BITUMEN CONTENT BY MASS OF TOTAL MASS - 5.1%

2. MIX STABILITY - BETWEEN 16kN AND 36kN AS DETERMINED BY AS 2891

3. AIR VOIDS IN COMPACTED MIX - BETWEEN 4% AND 7% OF THE VOLUME OF THE MIX.

4. VOIDS FILLED IN BINDER - 65-80% OF AIR VOIDS IN THE TOTAL MINERAL AGGREGATE FILLED BY BINDER IN ACCORDANCE WITH AUSTRALIAN STANDARDS.
- PAVEMENT PREPARATION

1. THE EXISTING SURFACE TO BE SEALED SHALL BE DRY AND BROOMED BEFORE COMMENCEMENT OF WORK TO ENSURE COMPLETE REMOVAL OF ALL SUPERFICIAL FOREIGN MATTER.

2. ALL DEPRESSIONS OR UNEVEN AREAS ARE TO BE TACK-COATED AND BROUGHT UP TO GENERAL LEVEL OF PAVEMENT WITH ASPHALTIC CONCRETE BEFORE LAYING OF MAIN COURSE.

- TACK COAT

1. THE WHOLE OF THE AREA TO BE SHEETED WITH ASPHALTIC CONCRETE SHALL BE LIGHTLY AND EVENLY COATED WITH RAPID SETTING BITUMEN COMPLYING WITH AUSTRALIAN STANDARDS. APPLICATION RATE FOR RESIDUAL BITUMEN SHALL BE 0.15 TO 0.30 LITRES/SQUARE METRE. APPLICATION SHALL BE BY MEANS OF A MECHANICAL SPRAYER WITH SPRAY BAR.
- SPREADING

1. ALL ASPHALTIC CONCRETE SHALL BE SPREAD WITH A SELF PROPELLED PAVING MACHINE.

2. THE ASPHALTIC CONCRETE SHALL BE LAID AT A MIX TEMPERATURE AS SHOWN BELOW;
- | ROAD SURFACE TEMPERATURE IN SHADE (°C) | MIX TEMPERATURES (°C) |
|--|-----------------------|
| 5 - 10 | NOT PERMITTED |
| 10 - 15 | 150 |
| 15 - 25 | 145 |
| OVER 25 | 140 |
3. ASPHALTIC CONCRETE SHALL NOT BE LAID WHEN THE ROAD SURFACE IS WET OR WHEN COLD WINDS CHILL THE MIX ADVERSELY AFFECT SPREADING AND COMPACTION.

4. THE MINIMUM COMPACTED THICKNESS IS 30mm OVER EXISTING SEALED PAVEMENTS AND 50mm OVER NEW PAVEMENTS.

- JOINTS

1. THE NUMBER OF JOINTS BOTH LONGITUDINAL AND TRANSVERSE SHALL BE KEPT TO A MINIMUM.

2. THE DENSITY AND SURFACE FINISH AT JOINTS SHALL BE SIMILAR TO THOSE OF THE REMAINDER OF THE LAYER.

- COMPACTION

1. ALL COMPACTION SHALL BE UNDERTAKEN USING SELF PROPELLED ROLLERS.

2. INITIAL ROLLING SHALL BE COMPLETE BEFORE THE MIX TEMPERATURE FALLS BELOW 105°C

3. SECONDARY ROLLING SHALL BE COMPLETED BEFORE THE MIX TEMPERATURE FALLS BELOW 60°C

4. MINIMUM CHARACTERISTICS VALUE OF RELATIVE COMPACTION OF A LOT WHEN TESTED IN ACCORDANCE WITH AS2150.

- FINISHED PAVEMENT PROPERTIES

1. FINISHED SURFACES SHALL BE SMOOTH, DENSE AND TRUE TO SHAPE AND SHALL NOT VARY MORE THAN 10mm FROM THE SPECIFIED PLAN LEVEL AT ANY POINT AND SHALL NOT DEVIATE FROM THE BOTTOM OF A 3m STRAIGHT EDGE LAID IN ANY DIRECTION BY MORE THAN 5mm.

CONCRETE NOTES

- GENERAL

1. ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH AS 3600 CURRENT EDITIONS WITH AMENDMENTS, AND THE ACSE CONCRETE SPECIFICATION EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

2. VERIFY ALL SETTING OUT DIMENSIONS WITH THE ARCHITECT AND/OR THE SURVEYOR.

3. DO NOT OBTAIN DIMENSIONS BY SCALING THE DRAWINGS.

4. IN CASE OF DOUBT - ASK.
- CONCRETE

1. PLACE CONCRETE OF THE FOLLOWING CHARACTERISTIC COMPRESSIVE STRENGTH F'C AS DEFINED IN AS.3600 OR M.R. FORM 609. ADD WATER REDUCING ADMIXTURE EQUAL TO WRDA.
- | LOCATION | AS.3600 F'c MPa AT 28 DAYS | SPECIFIED SLUMP | NOMINAL AGG. SIZE |
|---------------------|----------------------------|-----------------|-------------------|
| ALL KERB PITS ETC. | 25 | 80 | 20 |
| VEHICULAR PAVEMENTS | 32 | 80 | 20 |
2. USE "A.C.S.E. SPECIFICATION TYPE A" CEMENT.

3. ALL CONCRETE SHALL BE SUBJECT TO PROJECT CONTROL SAMPLE AND TESTING TO AS.3600.

4. CONSOLIDATE BY VIBRATION.
- REINFORCEMENT

1. FIX REINFORCEMENT AS SHOWN ON DRAWINGS. THE TYPE AND GRADE IS INDICATED BY A SYMBOL AS SHOWN BELOW. ON THE DRAWING N IS FOLLOWED BY A NUMERAL WHICH INDICATES THE SIZE IN MILLIMETRES. A MARK NUMERAL (IF USED) FOLLOWS THIS NUMERAL.
- N. HOT ROLLED DEFORMED BARS, GRADE 500N

R. HOT ROLLED PLAIN BARS, GRADE 250N

W. COLD DRAWN PLAIN ROUND WIRE, GRADE 500L

SL. SQUARE WELDED MESH, GRADE 500L

RL. RECTANGULAR WELDED MESH, GRADE 500L

LTM. RECTANGULAR WELDED TRENCH MESH, GRADE 500L
- CURING

1. CURING OF ALL CONCRETE SHALL BE IN ACCORDANCE WITH AS3600 AND SHALL COMMENCE WITHIN 2 HOURS OF FINISHING OPERATIONS.

2. CURING SHALL BE CONTINUAL SATURATION WITH POTABLE WATER FOR 3 DAYS FOLLOWED BY PREVENTION OF MOISTURE LOSS FOR THE NEXT 4 DAYS, USING POLYTHENE SHEETING OR WET HESSIAN PROTECTED BY WIND OR TRAFFIC AND THEN ALLOWING GRADUAL DRYING OUT.

3. CURING COMPOUNDS MAY BE USED PROVIDED THAT THEY COMPLY WITH AS3799 AND NOT AFFECT THE PROPOSED FINISH.

4. THE COMPATIBILITY OF CURING COMPOUNDS WITH THE PROPOSED FINISH AND OTHER CONCRETE ADMIXTURES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING AND APPLICATION.

5. CURING COMPOUNDS ARE APPLIED UNIFORMLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. PVA - BASED CURING COMPOUNDS ARE NOT ACCEPTABLE.

6. CURING SHALL BE UNDERTAKEN BY AN EXPERIENCED CONTRACTOR FAMILIAR WITH THE PROPOSED COMPOUNDS AND THE MANUFACTURER'S SPECIFICATIONS.

7. WHERE SHADE TEMPERATURES EXCEEDS 35°C, SPRAY THE EXPOSED SURFACE OF THE CONCRETE PAVEMENT / SLAB DURING THE PLACING OF FINISHING OPERATION WITH A FINE FILM OR APPROVED ALIPHATIC ALCOHOL. REPEAT THE SPRAY IF THE SPRAY SURFACE HAS BEEN RE-WORKED.

8. ENSURE ADEQUATE SUPPLY OF ALIPHATIC ALCOHOL ON-SITE PRIOR TO CONCRETE WORKS.

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A	ISSUE FOR DEVELOPMENT APPLICATION	24.11.23	RP	GL	
Issue	Description	Date	Drawn	Approved	
1cm at full size 70mm 20mm					

Client

KNOX GRAMMAR SCHOOL

2 BORAMBIL STREET
WAHROONGA, NSW, 2076



Architect



DREW DICKSON ARCHITECTS

Nominated Architect: Alexander de Balle

DREW DICKSON ARCHITECTS PTY LIMITED

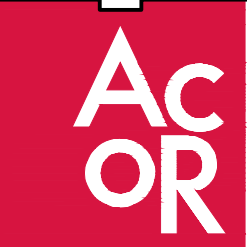
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10/11-12/13



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Project

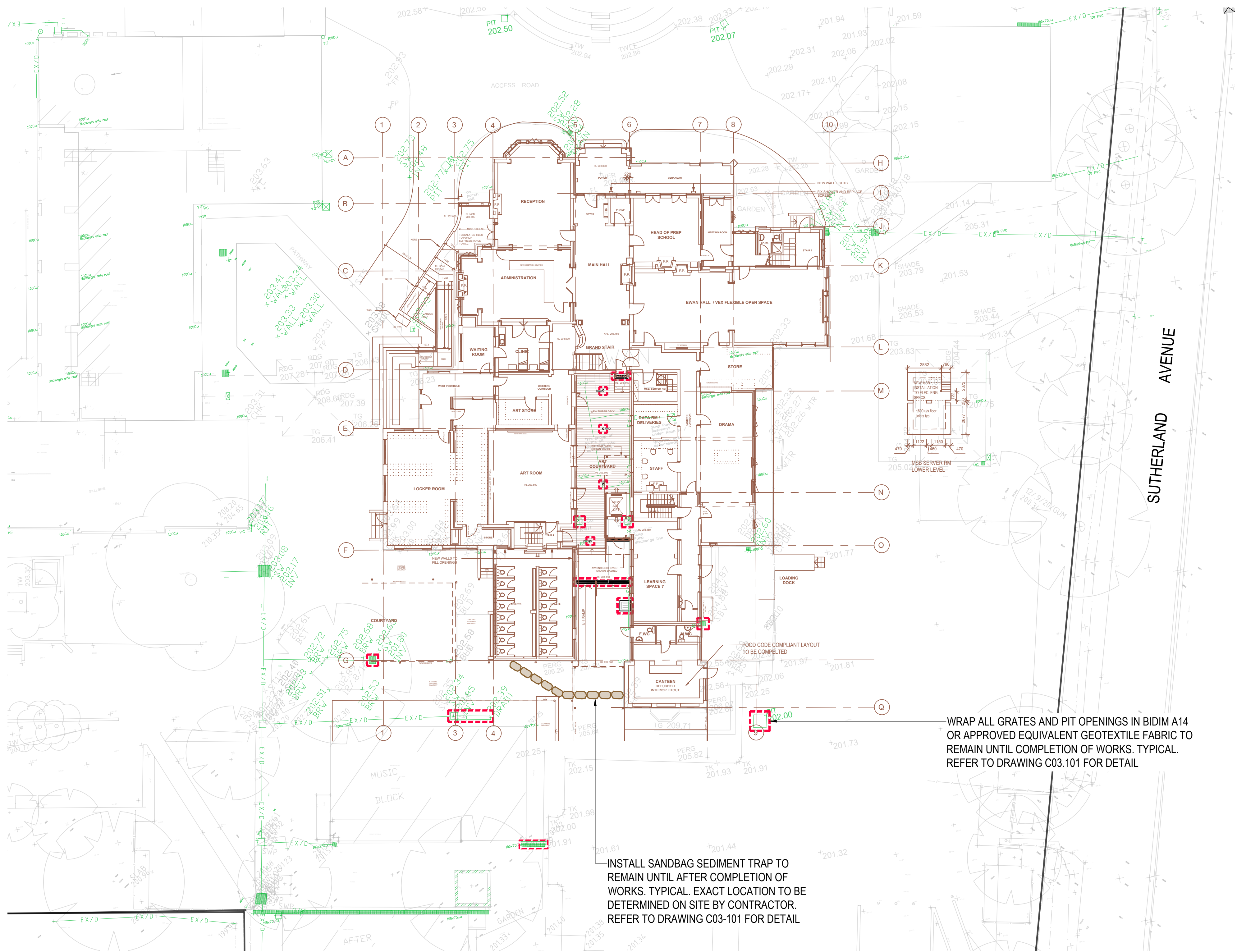
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Drawing Title NOTES SHEET					
Drawn JK	Date SEP 2023	Scale N/A	A1	Q.A. Check GL	Date 23.11.23
Designed EL/RG	Project No. NS230988	Dwg. No. C101-101	Issue B		

NOT FOR CONSTRUCTION

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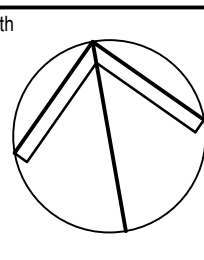


SCALE 1:200 @ A1
SCALE 1:400 @ A3

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2 BORAMBIL STREET
WAHROONGA, NSW, 2076

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Project
**KNOX GRAMMAR SCHOOL
EWAN HOUSE**
7 WOODVILLE AVENUE
WAHROONGA, NSW, 2076

Drawing Title
SOIL EROSION AND SEDIMENT CONTROL PLAN

Drawn	Date	Scale	A1	Q.A. Check	Date
JK	SEP 2023	1:200		GL	23.11.23
Designed	Project No.	Dwg. No.	Issue		
EL/RG	NS230988	C103-001	B		

NOT FOR CONSTRUCTION

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

- E1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
- E2. THE PRINCIPAL'S REPRESENTATIVE WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE UNDERTAKEN AS INSTRUCTED IN THIS SPECIFICATION AND CONSTRUCTED FOLLOWING THE GUIDELINES OF "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION", DEPT OF HOUSING, 2004 (BLUE BOOK).
- E3. ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.

CONSTRUCTION SEQUENCE

- E4. THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED. HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE :
- a. INSTALL SEDIMENT FENCES, TEMPORARY CONSTRUCTION EXIT AND SANDBAG KERB INLET SEDIMENT TRAP.
 - b. UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- E5. DURING WINDY CONDITIONS, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- E6. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

FENCING

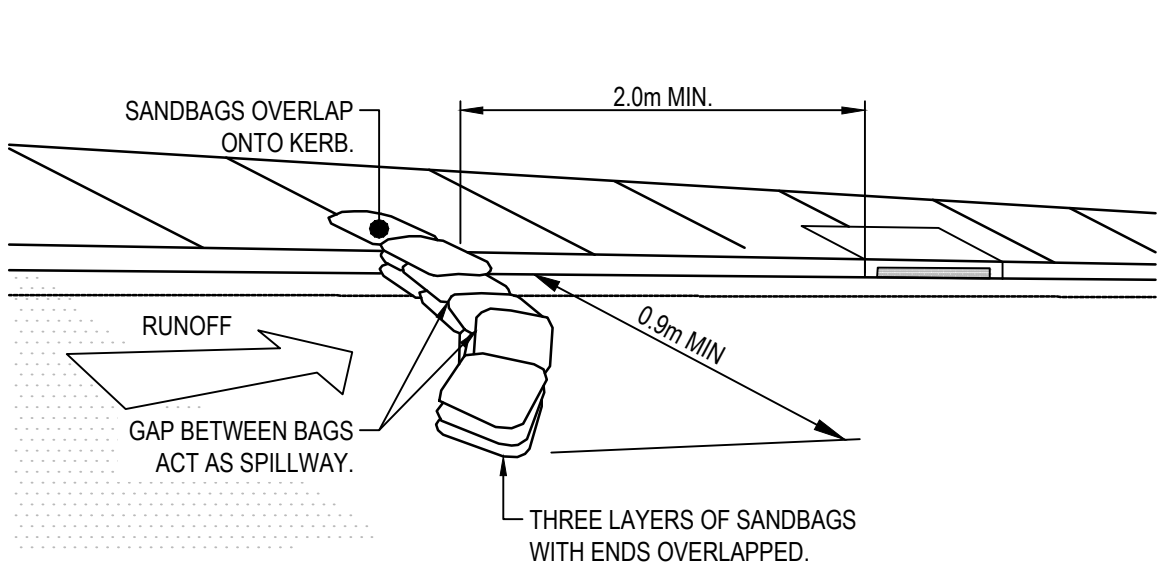
- E7. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- E8. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- E9. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- E10. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

- E11. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- E12. RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE PRINCIPAL'S REPRESENTATIVE.

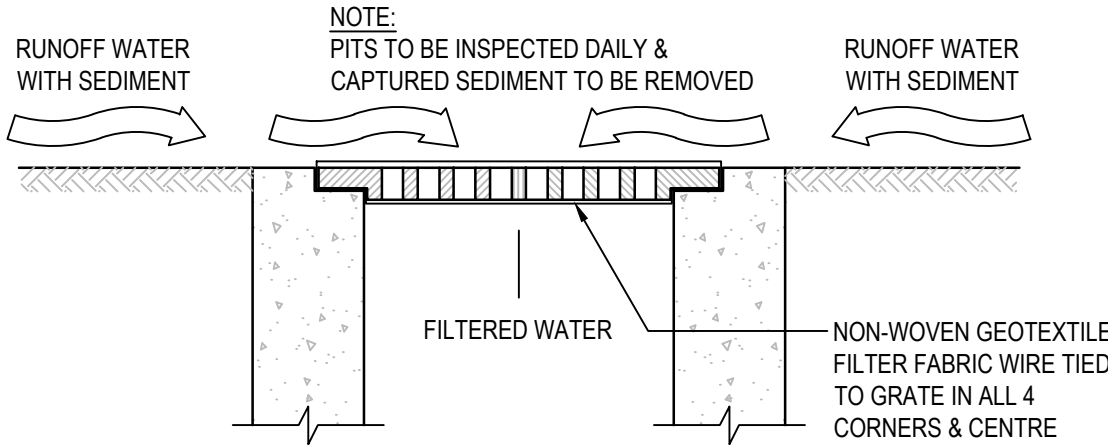
SITE INSPECTION & MAINTENANCE

- E13. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.



SANDBAG SEDIMENT TRAP DETAILS

NTS



INLET TRAP

NTS

NOTE

TO BE USED IN PAVED AREAS WHERE TRAFFIC ACCESS IS REQUIRED

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B	REISSUE FOR DEVELOPMENT APPLICATION	12.02.24	DW	GL	
A	ISSUE FOR DEVELOPMENT APPLICATION	24.11.23	RP	GL	
Issue	Description	Date	Drawn	Approved	

North

Client
KNOX GRAMMAR SCHOOL

2 BORAMBIL STREET
WAHROONGA, NSW, 2076

Architect
DREW DICKSON ARCHITECTS

Notified Architect: Alexander du Buisson
DREW DICKSON ARCHITECTS PTY LIMITED
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Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
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Project
**KNOX GRAMMAR SCHOOL
EWAN HOUSE**

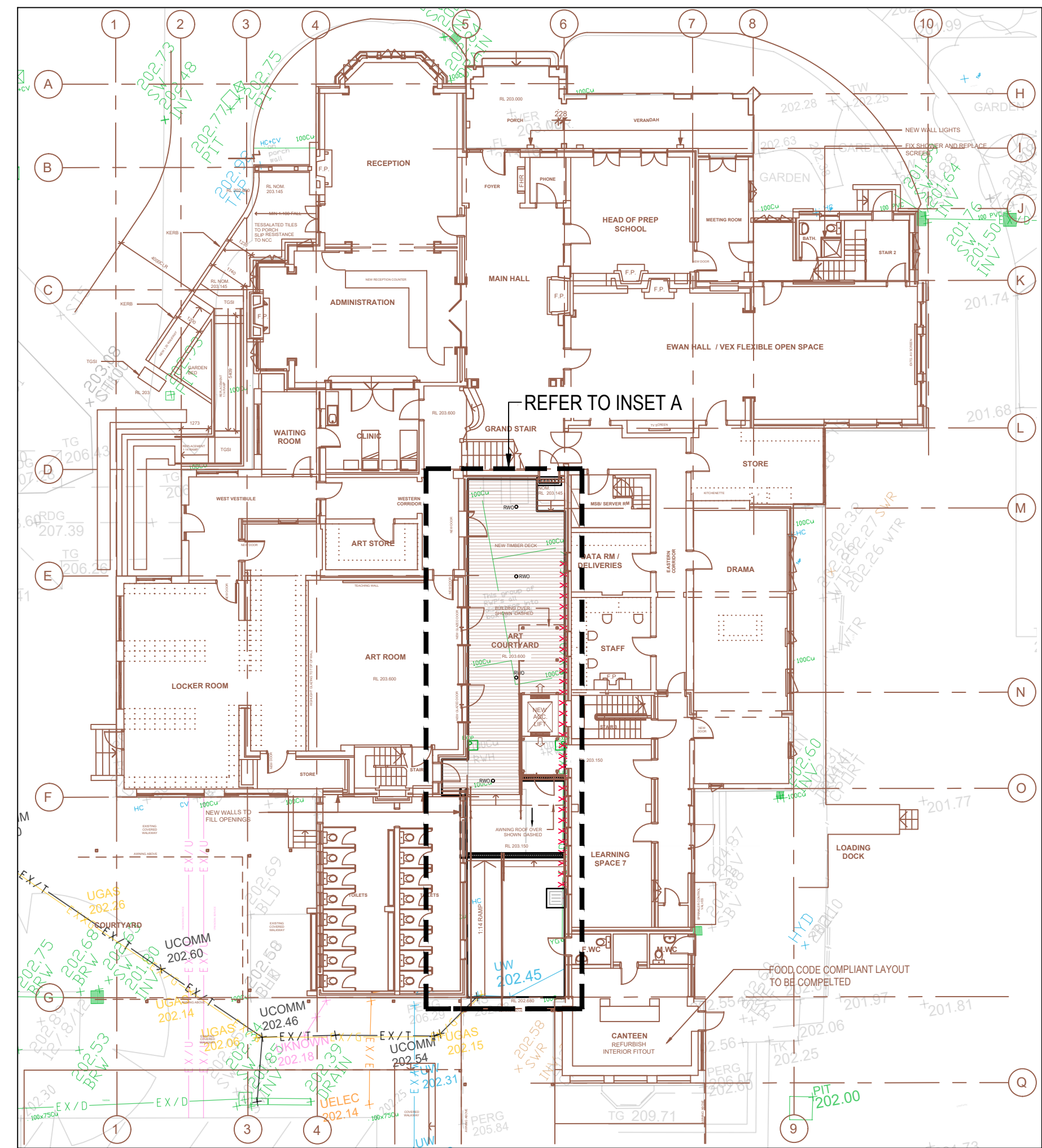
7 WOODVILLE AVENUE
WAHROONGA, NSW, 2076

Drawing Title
**SOIL EROSION AND SEDIMENT CONTROL NOTES
AND DETAILS**

Drawn JK	Date SEP 2023	Scale AS SHOWN	A1	Q.A. Check GL	Date 23.11.23
Designed EL/RG	Project No. NS230988	Dwg. No. C103-101	Issue B		

NOT FOR CONSTRUCTION

- NOTE:**
1. LOCATION OF DOWNPIPES ARE APPROXIMATE AND ARE TO BE CONFIRMED ON SITE.
 2. EXISTING STORMWATER SYSTEM SHALL BE CONFIRMED IN LOCATION AND DEPTH PRIOR TO COMMENCEMENT OF ANY WORK.
 3. THE CONTRACTOR IS TO DETERMINE LOCATION AND DEPTH OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF ANY WORK.



KEY PLAN
SCALE 1:200

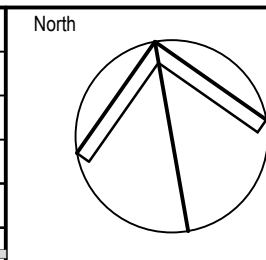
SCALE 1:200 @ A1
SCALE 1:400 @ A3

SCALE 1:50 @ A1
SCALE 1:100 @ A3

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Issue	Description	Date	Drawn	Approved
B	REISSUE FOR DEVELOPMENT APPLICATION	12.02.24	DW	GL
A	ISSUE FOR DEVELOPMENT APPLICATION	24.11.23	RP	GL



Client
KNOX GRAMMAR SCHOOL
2 BORAMBIL STREET
WAHROONGA, NSW, 2076

Architect
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Nominated Architect: Alexander de Balin
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Suite 2, Ground Floor, 84 Alexander Street, Crows Nest NSW 2065 Australia
Tel: +61 2 90613433 Email: info@dda-architects.com.au Web: www.dda-architects.com.au

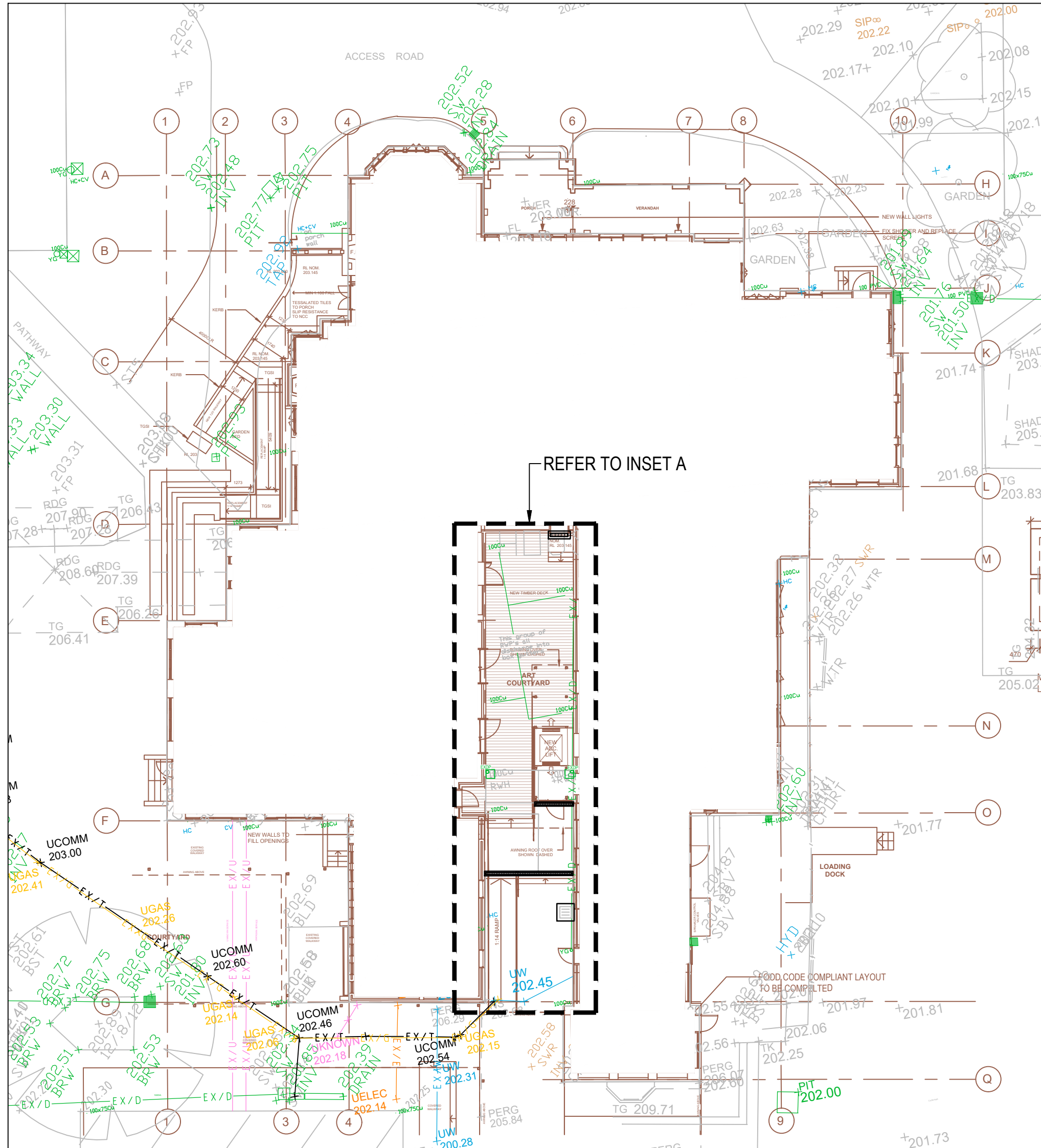


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Project
**KNOX GRAMMAR SCHOOL
EWAN HOUSE**
7 WOODVILLE AVENUE
WAHROONGA, NSW, 2076

Drawn	Date	Scale	A1	G.A. Check	Date
JK	SEP 2023	1:50		GL	23.11.23
Designed	Project No.	Dwg. No.	Issue		
EL/RG	NS230988	C108-001	B		

NOT FOR CONSTRUCTION



KEY PLAN
SCALE 1:200

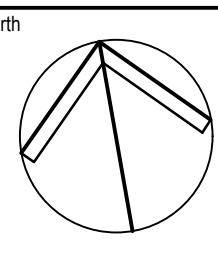
SCALE 1:200 @ A1
SCALE 1:400 @ A3

SCALE 1:50 @ A1
SCALE 1:100 @ A3

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Issue	Description	Date	Drawn	Approved
B	REISSUE FOR DEVELOPMENT APPLICATION	12.02.24	DW	GL
A	ISSUE FOR DEVELOPMENT APPLICATION	24.11.23	RP	GL



Client
KNOX GRAMMAR SCHOOL
2 BORAMBIL STREET
WAHROONGA, NSW, 2076

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Nominated Architect: Alexander de Balle
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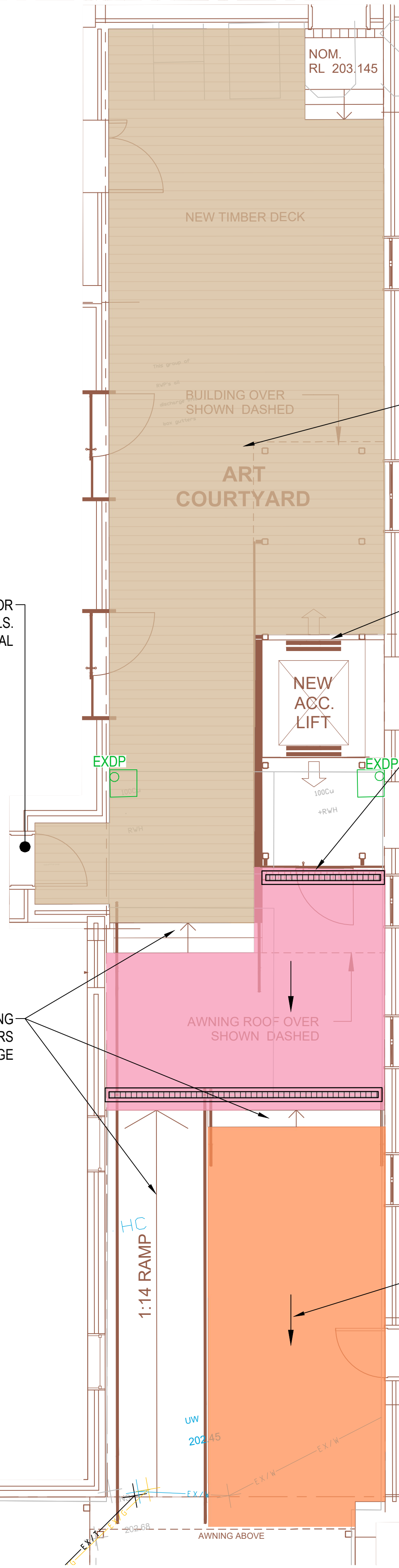
Project
**KNOX GRAMMAR SCHOOL
EWAN HOUSE**
7 WOODVILLE AVENUE
WAHROONGA, NSW, 2076

Drawing Title
PAVEMENT PLAN

Drawn	Date	Scale	A1	Q.A. Check	Date
JK	SEP 2023	1:50		GL	23.11.23
Designed	Project No.	Dwg. No.	Issue		
EL/RG	NS230988	C109-001	B		

REFER TO ARCHITECTURAL DRAWINGS FOR
PROPOSED INTERNAL FLOOR LEVELS.
TYPICAL

STAIRS, RAMP AND RETAINING
STRUCTURES TO STRUCTURAL ENGINEERS
DETAILS AT CC STAGE



ART COURTYARD TIMBER DECK. REFER TO
ARCHITECTS DRAWINGS FOR DETAILS

ENSURE SMOOTH TRANSITION TO PROPOSED
LIFT GRADES AND LEVELS

GRADE NEW PAVEMENT TO FALL AWAY FROM
PROPOSED STEPS AND MATCH INTO EXISTING
PAVEMENT

INSET A
SCALE 1:50

NOT FOR CONSTRUCTION