WELL PRECINCT LIGHT INDUSTRIAL PROPOSED MUSIC ROOMS - 184 76m SITE BOUNDARY EX STORMWATER PIT 100 year ARI **FUTURE** RESIDENTIAL ZONE **VACANT** LAND * Site Area: 85, 647m2 EX STORMWATER LINE SUBSTATION FLOOD EVACUATION GIPPS ST **FUTURE** RESIDENTIAL ZONE WAREHOUSE EX DETENSION **BUSHLAND** 100 year ARI RANCE ST SITE BOUNDARY RANCE ST WERRINGTON **KINGSWAY** PLAYING FIELDS Site Plan 1:3000 @ A3

WOLLEMI COLLEGE MUSIC ROOMS

- 01 COVER SHEET
- 02 SITE PLAN
- 03 PLAN & LANDSCAPE & PARTIAL STORMWATER PLAN
- 04 ELEVATIONS AND COLOUR SCHEDULE
- 05 ELEVATIONS AND COLOUR SCHEDULE
- 06 SECTIONS
- 07 SPECIFICATIONS
- 08 SPECIFICATIONS
- 09 SPECIFICATIONS
- 10 SPECIFICATIONS
- 11 WASTE MANAGEMENT PLAN & EROSION & SEDIMENT CONTROL PLAN
- 12 WALL SECTION DETAILS



PROPOSED MUSIC ROOMS



CC SET - COVER

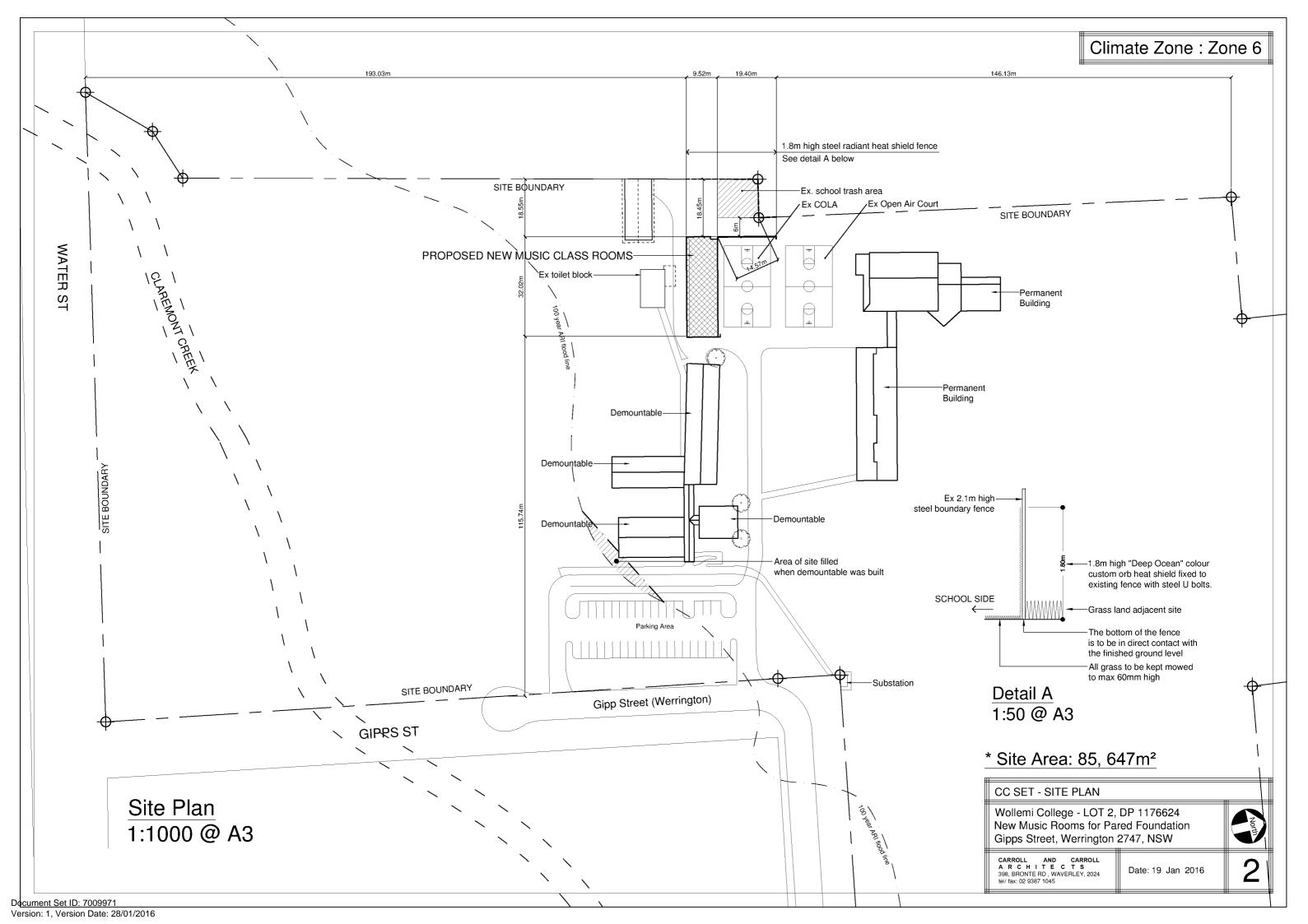
Wollemi College - LOT 2, DP 1176624 New Music Rooms for Pared Foundation Gipps Street, Werrington 2747, NSW

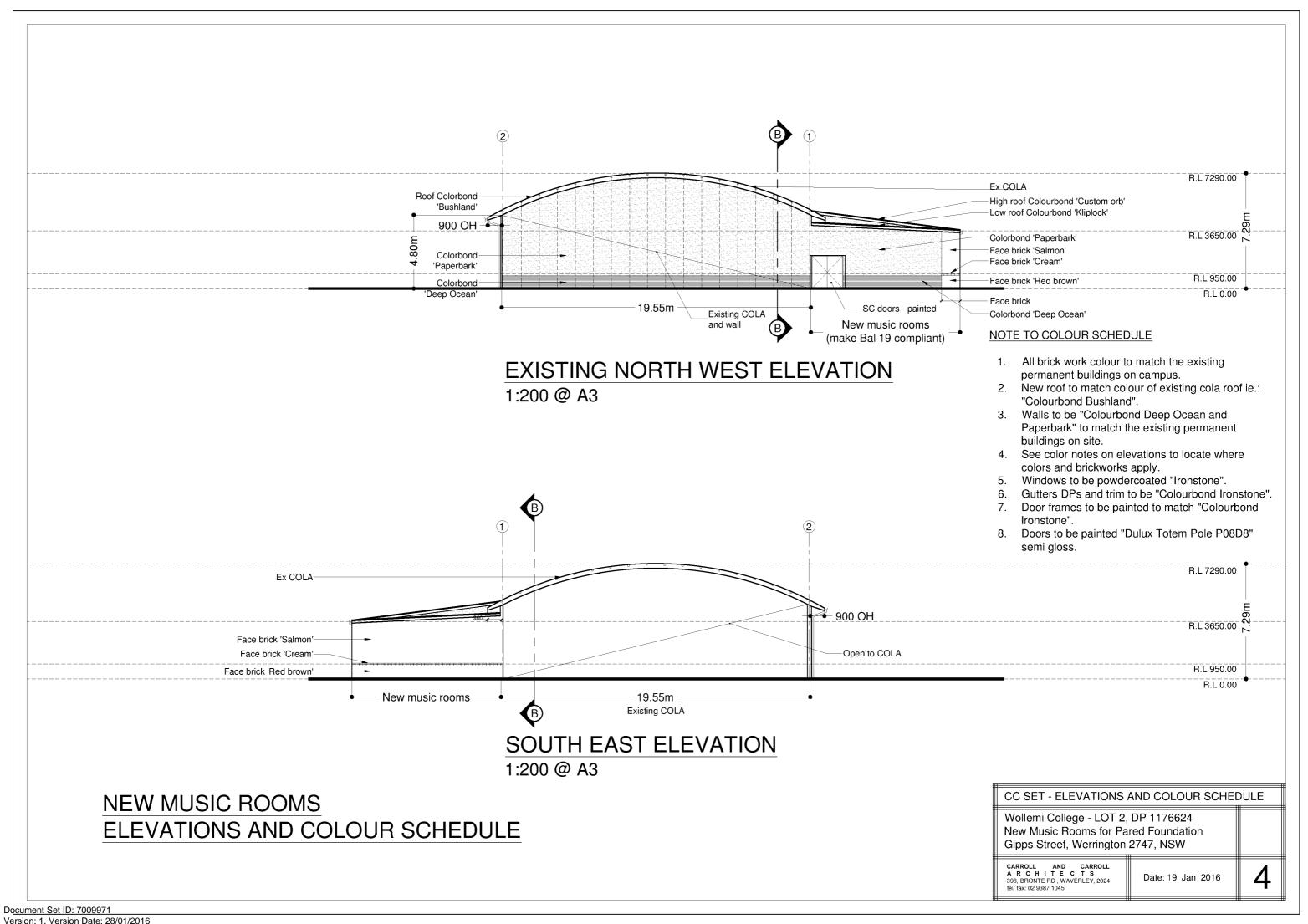


CARROLL AND CARROLL
A R C H I T E C T S
398, BRONTE RD , WAVERLEY, 2024
tel/ fax: 02 9387 1045

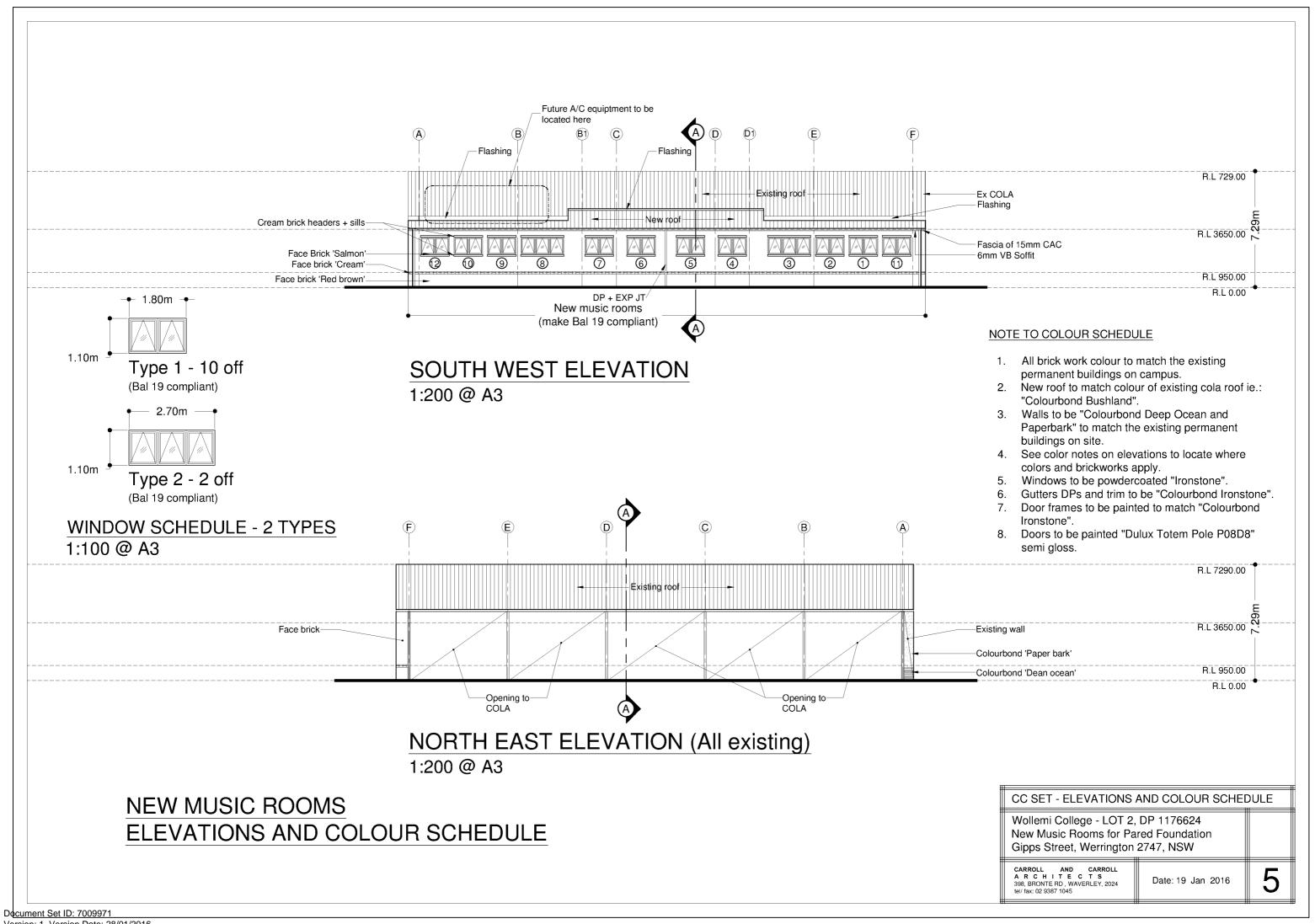
Date: 19 Jan 2016

1





Version: 1, Version Date: 28/01/2016



Version: 1, Version Date: 28/01/2016

PRELIMINARIES & GENERAL

- 1. Builder shall check & verify on site, all dimensions before proceeding or ordering any materials.
- 2. Builder to provide & pay for all necessary tools, equipment and temporary services unless agreed otherwise with owner.
- 3. Builder to co-ordinate all of the work and sub-trades and specialist sub-contractors required to complete the job.
- 4. Builder to clean the site regularly and on completion thoroughly clean new works inside & out (windows included) and remove all rubbish from site.
- 5. Builder to be responsible for a structurally sound & watertight job.
- 6. Builder to contact architect should unforeseen circumstances occur & for any required clarifications.
- Building to comply with CDC and Construction Certificate & to comply with the Building Code of Australia (BCA) and all relevant Australian standards.
- 8. Builder to make good at his own expense any damage resulting, from demolition & /or construction, to the existing structure or new work.
- 9. Builder is generally to make good to all new and existing finishes and materials and junctions thereof to match existing.
- 10. Refer to structural and other architect's drawings for additional specification notes.
- 11. Five precaution during construction to comply with BCA E1.9.
- 12. Erosion and sediment control measures shall be installed prior to the commencement of works on site including approved clearing of site vegetation. The erosion and sediment control measures are to be maintained in accordance with the approved erosion and sediment control plan(s) for the development and the Department of Housing's "Managing Urban Stormwater: Soils and Construction" 2004.
- 13. The operating noise level of plant and equipment shall not exceed 5dB(A) above the background noise level when measured at the boundaries of the premises. The provisions of the Protection of the Environment Operations Act 1997 apply to the development, in terms of regulating offensive noise.
- 14. Stamped plans, specifications, a copy of the development consent, the Construction Certificate and any other Certificates to be relied upon shall be available on site at all times during construction.

The following details to be displayed in a maximum of 2 signs to be erected on site

- the name of the Principal Certifying Authority, their address and telephone number,
- the name of the person in charge of the work site and telephone number at which that person may be contacted during work hours,
- that unauthorised entry to the work site is prohibited,
- the designated waste storage area must be covered when the site is unattended, and
- all sediment and erosion control measures shall be fully maintained until completion of the construction phase.

Signage but no more than 2 signs stating the above details are to be erected:

- at the commencement of, and for the full length of the, construction works onsite, and
- in a prominent position on the work site and in a manner that can be easily read by pedestrian traffic.

All construction signage is to be removed when the Occupation Certificate has been issued for the development.

EXCAVATION, DEMOLITION AND BACKFILLING

- 1. Builder to carry out all necessary excavation and backfilling, as required to complete the works in a safe & accordance with the appropriate with the appropriate professional standards.
- 2. Backfilling to be carried out as per engineer's instructions.
- 3. All retaining walls and drainage behind them to be to engineer's details.
- 4. All new work to be termite protected to AS 3660 via "KORDON" membrane or approved equal under all new conc. slabs Use ant caps under flooring where exposed.
- 5. Make good all finishes walls, floors & ceilings where walls, floors or ceilings are demolished, all generally to match the existing details.
- 6. Waterproof the near face of all retaining walls with bitumen based waterproofing.
- 7. Install agriculture lines, etc. as detailed by the civil engineers.
- 8. Dust suppression techniques are to be employed during construction to reduce any potential nuisances to surrounding properties.
- 9. Mud and soil from vehicular movements to and from the site must not be deposited on the road.

STEELWORK & METALWORK

- 1. Refer to structural drawings and structural specifications.
- 2. Builder to supply & install steel structural members: dimensions and construction details as specified by structural engineer.
- 3. Builder to supply & fit all metalwork and fittings required to complete works ie. column shoes, ties, brackets, angles, hinges, locks, straps, screws, bolts, nails etc. All external items to be hot dip galvanised.
- 4. Builder shall install all flashings necessary to ensure a watertight job.

Flashing not seen to be Alcore.

Exposed flashings to be 0.7mm zinc minimum or colorbond bent to required shape.

(Match colour of adj materials or as noted)

- 5. Interlock, lap & silicon seal joints on all flashings.
- 6. Aluminium window joinery to be Dulux Powdercoated 'Ironstone".
- 7. Block out roller shutters will be supplied and installed by the owners where shown on the drawing colourbond finish.
- 8. All windows & doors to comply with 'Section J': Glazing calculation and comply with AS 2047 requirements for resistance to water penetration and comply with BCA F1.13 glazed assemblies. In accordance with the Rural Fire Service Report dated 17 Dec 2015 the windows on the South & West face of the new building shall also be required to be "Bal 19".
- 9. Builder to construct a 1.8m high radiant heat shield of custom orb. Corrugated iron, attached to the existing fence with "U" bolts as required. The bottom of the heat shield is to be in direct contact with the finished ground level.

BRICKWORK & MASONRY

- 1. Refer to structural drawings & specifications.
- 2. Lintels. All lintels to be hot dip galvanised and painted before installation All major lintels + beams to engineers req..

waximum Span	Lintei Size
1200	75 x 8 flat
1500	75 x 75 x 8 angle
1880	102 x 76 x 8 angle
2440	127 x 76 x 8 angle
2770	152 x 89 x 8 angle
3050	152 x 102 x 10 angle

- 3. Bricks. Construct new brickwork as shown on architectural drawings All brickworks to be rendered except garage interior.
- 4. Build in brick joints and control joints as necessary.
- 5. Mortar to be 1:1:6 cement, lime, sand above DPC and 1:1:4 below DPC.
- 6. Install DPC, ties, fixings, lugs, straps, brackets, flashings etc as required to complete the job. Flashings to be 1 mm zinc & all fillings to be hot dip galvanised.
- 7. Rake out joints as required to take cement render.
- 8. All non exposed brickwork or brickwork to be rendered over is to be selected common.

CC SET - SPECIFICATION			
Wollemi College - LOT 2, DP 1176624 New Music Rooms for Pared Foundation Gipps Street, Werrington 2747, NSW			
CARROLL AND CARROLL A R C H I T E C T S 398, BRONTE RD , WAVERLEY, 2024 tel/ fax: 02 9387 1045	DATE: 19 Jan 2016	7	

SITEWORKS & LANDSCAPING

- 1. Builder to protect all existing plants & to save topsoil from all excavated areas for reuse as required.
- 2. All waste materials are to be removed from site upon completion of the job and the job site is to be suitably cleaned.
- 3. Landscaping of all gardens and planter boxes shall be by owners. All flat areas to be raked clean ready for planting, and topped with 50mm topsoil.
- 4. Remove & properly dispose of all construction debris from site.
- 5. Repair paving as required to watch the existing.
- 6. Paver at entry to be reworked as required by the new work.
- 7. In accordance with the Rural Fire Service Report, all grass areas around the project to be kept mowed to max 60mm in height.
- 8. All land that has been disturbed by earthworks is to be spray grassed or similarly treated to established a grass cover on completion of the works.

RURAL FIRE SERVICE REQUIREMENTS

- 1. Builder shall be required to comply with the following requirements of the Rural Fire Service in accordance with the Report dated 17 Dec 2015.
- At the commencement of building works and in perpetuity the entire property shall be managed as an inner protection area (IPA) as outlined within Section 4.1.3 and Appendix 5 of 'Planning for Bush Fire Protection 2006' and the NSW Rural Fire Service's document 'Standards for asset protection zones';
- Water, electricity and gas are to comply with Section 4.1.3 and 4.2.7 of 'Planning for Bush Fire Protection 2006';
- Arrangements for emergency and evacuation are to comply with Section 4.2.7 of 'Planning for Bush Fire Protection 2006';
- New construction on the western and southern elevations shall comply with Section 3 and 6 (Bal 19) Australian Standards AS3959-2009 'Construction of building in bush fire-prone areas' and Section A3.7 Appendum Appendix 3 of 'Planning for Bush Fire Protections 2006';
- A minimum 1.8m high radiant heat shield made of non-combustible materials shall be constructed along the western
 property boundary adjacent to the hazard for the length of the COLA and proposed music rooms. All posts and rails
 shall be constructed of steel. The bottom of the fence is to be in direct contact with the finished ground level
- Landscaping to the site is to comply with the principals of Appendix 5 of 'Planning for Bush Fire Protection 2006'.
- 2. No imported fill is required by the works & none, is to be brought to site without PCA approval.

FORMWORK & CONCRETE

- 1. Builder to carry out all work shown on architectural & structural drawings. Refer to structural drawings for additional specification items.
- 2. All formwork shall be straight & true to required sizes
- 3. Concrete to be 1:2:4 or as shown on engineer's drawings.
- 4. All concrete exposed to view shall have bevel edges and shall be filled and worked smooth and prepared for painting.
- 5. All slab dimensions and reinforcing to engineer's details.
- 6. Concrete beams, strip & pad footings to engineer's details.
- 7. Rework concrete paving at East Entry Doors to allow exit doors to open and water to drain away from the building. Finish to be powerfloat to trafficable surfaces & roughen entry to provide traction, colour to match existing paths.
- 8. Builder to tank all walls below grade before pouring slabs and backfilling behind retaining walls.

CARPENTRY & JOINERY

 All timber wall framing shall be in accordance with the light timber framing code / AS 1684 use termite treated timber throughout.
 Provide blocking, etc as required to complete works.

- All exterior timberwork to be WRC or pressure treated pine, for paint finished or as directed Timber beams & cols to be hardwood.
- 3. Doors / Gates:

exit doors on west wall to be solid core doors(external grade) for paint finish - provide latches to BCA D2.21. All doors to have latches/ handles to comply with BCA D 2.21. Lever handles in SCP & locking to match the schools master keying system, as advised by the owner.

4. Windows & External class doors:

New doors & windows to be 6mm plastic laminated glass, Colorbond Aluminium windows & frames, charcoal colour.

5. Hardware:

Hinges for new doors to be 100mm aluminium - stainless satin steel (SSS) finish.

All doors to have ss & black rubber door stops and/ or cabin hooks as required.

All external glass & timber doors to have panic hardware and locks of the type required to suite the situation SCP plated. Doors to be dead locked at exterior and panic hardware at interior, which will always be open.

6. Other Internal Joinery

Architraves & skirtings are generally to match existing

- 7. Provide & install 2000 x 1200 white board with alum chalk tray at entry of COLA as shown on the drawings.
- 8. Signage: Braile and tactile signage must identify each door required to have an exit sign & state "Exit" in accordance with BCA 2013, D3.6.

CC SET - SPECIFICATION		
Wollemi College - LOT 2, DP 1176624 New Music Rooms for Pared Foundation Gipps Street, Werrington 2747, NSW		
CARROLL AND CARROLL A R C H I T E C T S 398, BRONTE RD, WAVERLEY, 2024 tel/ fax: 02 9387 1045	DATE: 19 Jan 2016	8

ROOFER, ROOF PLUMBING & SKYLIGHTS **FLOOR FINISHES** 1. High roof to be Colourbond Custom Orb "Bushland" & Low roof to be Colourbond Kliplock "Bushland". 1. All materials shall be installed to the highest standards, best of workmanship & with the proper preparation. 2. Gutters and Box Gutters & capping to canopy upstand to also be Colorbond "Ironstone". 2. Surfaces of concrete slabs should be suitable to take finishes, all to match the existing concrete floors. 3. Insulate roof to FHR shed and COLA and entry canopy using 1.8 foil faced blanket where shown on the drawings. 3. Make good to music room and stage floor surfaces. 4. All new roofs to interior to be insulated to R 3.2. - (Entry canopy to R 1.8 foil blanket) 4. To minimise any damage to the existing gym floor, protect the floor during this construction. 5. Install pavers where shown on the drawings to match existing pavers on site. **GLAZIER & BUILDING SEALING** HYDRAULICS & MECHANICAL WORK 1. All glazing shall be in accordance with the appropriate A.S.A. codes, AS 1288, BCA, SAA & Glass Insulation Code. 1. All new plumbing pipes, vents etc. to be enclosed in a satisfactory manner. No pipework to be run down external wall. 2. Install Ag lines as indicated in drawings. 2. All windows to be 6mm clear plastic laminated or toughened glass minimum or as required to comply with section J & all 3. Insulate all new hot water pipes. 4. All hydraulic work shall be in accordance with the requirements of the MWs & DB. Water supply to be in copper pipe, 3. New glass bricks shall be NEG, "FANTASY" (fire rated) installed to manufacture requirements. Reinforce as required drainage & sewerage to be in approved UPVC pipe - all to code requirements. - final jointing to be in white cement. 5. All new & reworked pipework is to be concealed. 4. Windows and doors to be sealed to comply with BCA J3.1 and AS 2047 seals to be fitted to the edge of external doors. 6. Allow to take out existing plumbing and drainage fittings no longer required by the new layout. Door closers to be fitted to all external doors. 7. Install drainage as required to drain the works. Connect all drains to ex SW system. 5. Roof, ceiling, walls and floors need to be sealed to minimise air leakage to comply with J3.6. 8. Refer to drawings for "Stormtec strip drain" requirements and a description of the work required. 9. All hydraulics work to be in accordance with the consultant engineers drawings and specifications. 10. Supply & install "Platform Lift co. - Model - C7 Stairlift" - at stage stair where shown on the plan - in accordance with BCA clause E 3.3 and E 3.6 and AS 1735.12 and 1735.7. **GAS** CC SET - SPECIFICATION Wollemi College - LOT 2, DP 1176624 Not Used New Music Rooms for Pared Foundation Gipps Street, Werrington 2747, NSW CARROLL AND CARROLL A R C H I T E C T S 398, BRONTE RD , WAVERLEY, 2024 tel/ fax: 02 9387 1045 DATE: 19 Jan 2016

Document Set ID: 7009971 Version: 1, Version Date: 28/01/2016

ELECTRICAL 1. All electrical work shall be in strict and complete compliance with the all authorities requirements. Builder to provide all labour & materials to complete the works. 2. All wiring to comply with relevant SAA standards and codes. 3. All wiring to be concealed. 4. Mark all locations of lights, switches and general power outlets for owner's approval of location before proceeding. 5. All switches, lighting etc shall be by builder & in accordance with the electrical plan. 6. Builder to install new safety switches to all circuits to code/council's requirements. 7. Connect power and provide switches / handsets to electric blinds, roller shutters and awning windows. 8. Builder to protect all existing security system. Owner shall arrange & pay for any relocation necessary or expansion of the system if they so choose - builder to co-operate & support this sub-trade as required to complete the system. 9. Provide & install all necessary exit signs, emergency lighting, smoke alarm etc. as required by the codes.

WALL & CEILING FINISHES

- 1. All materials shall be installed in accordance with the best of workmanship, preparation and materials to the architect's approval.
- 2. North West and North East external wall : The lower section to be Colorbond "Deep Ocean" and the upper wall to be Colorbond "Paperbark".
- 3. South West and South East external wall: The lower section to be face brick "Red Brown, the upper section to be "face brick" Salmon" and the band between the lower section and upper section to be face brick "Cream".
- 4. Make good to brick walls as required to match existing.
- 5. In all areas where making good, match existing surfaces & finishes.
- 6. Make good existing wall finishes where damaged by construction. Match existing finishes.
- 7. Cement render to be 1:4 on block walls where noted on drawings.
- 8. All wall and ceiling linings and floor material and floor cove rings to have fire hanging and properties that comply with C 1 10
- 9. All walls, ceilings and under floor to be insulated to section 'J' requirements.

All perimetre walls = R = 2.8 of new work.

All ceilings = R = 3.2 upwards.

All enclosed suspended under floor areas = R = 1 downwards.

PAINTER

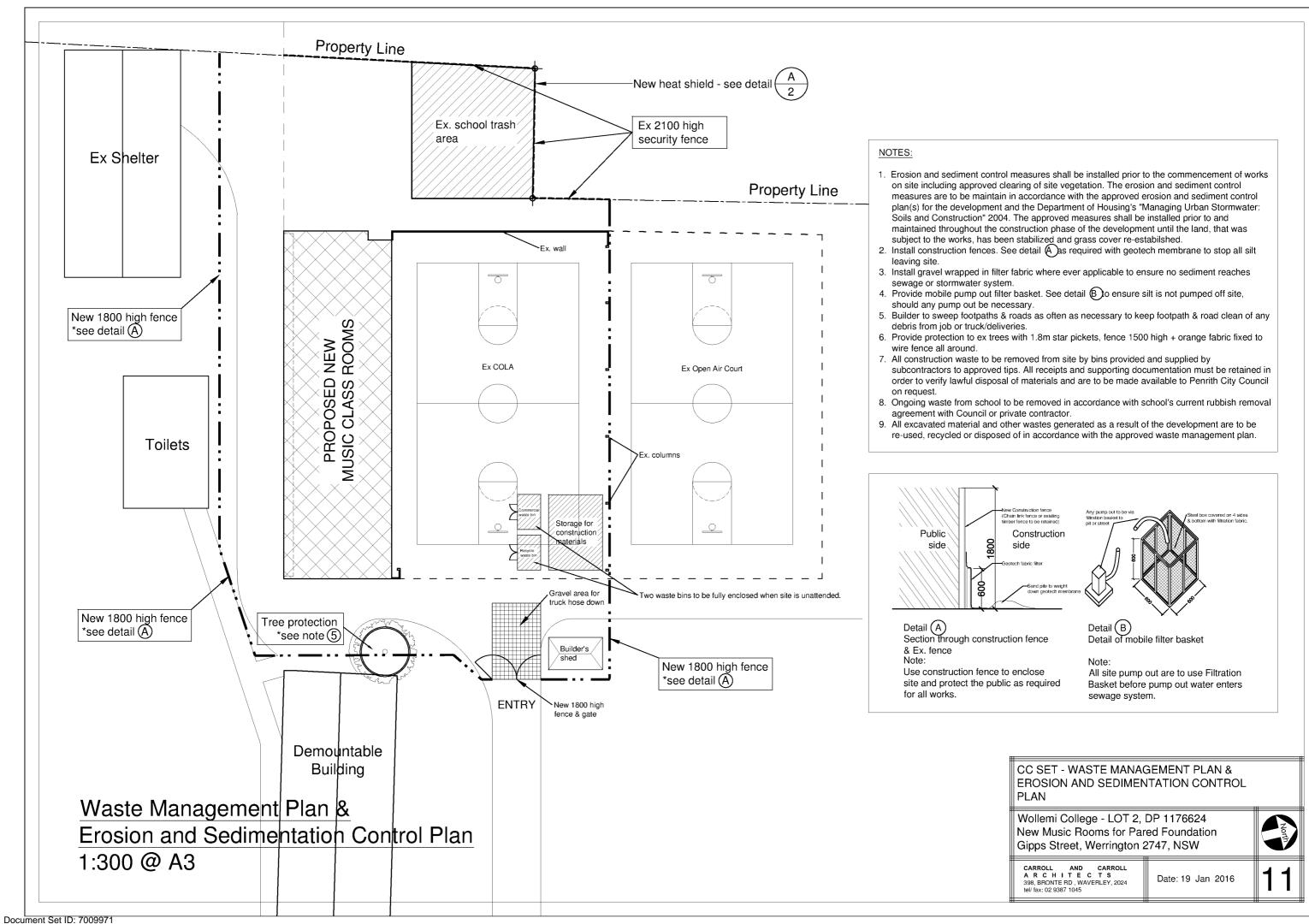
- 1. All painting to be carried out in accordance with manufacturer's directions for the type of paint being used. Allow for good preparation.
- 2. Use drop sheets, masking tape etc. to protect furnishings and finishes. Upon completion clean off all paint splatter.
- 3. Allow four (4) weeks for architect or owner to provide a colour schedule.
- 4. Clean all paint off floor and where spilled and remove all empty containers from site.
- 5. All timber work to be painted with undercoat and two finishing coats in low sheen, wash + wear acrylic paint.
- 6. All exterior walls to be prepared and waterproofed & sealed with one coat and 2 coats of acrylic paint finish.
- 7. All new work to be painted up to a logical cut-off point to produce a first class job internally & externally.
- 8. Match existing colour on the block walls.

MISCELLANEOUS, SPECIAL & P.C ITEMS

- Refer to drawings for additional specification notes.
- 2. Builder to allow for all items to complete job.
- 3. Builder to retain certificates of completion, council, etc; all guarantees for work, appliances & equipment; and maintenance instructions and is to handover to owners upon completion.
- 4. Block out blinds to be supplied & installed by the owner.

CC SET - SPECIFICATION		
Wollemi College - LOT 2, DP 1176624 New Music Rooms for Pared Foundation Gipps Street, Werrington 2747, NSW		
CARROLL AND CARROLL A R C H I T E C T S 398, BRONTE RD , WAVERLEY, 2024 tel/ fax: 02 9387 1045	DATE: 19 Jan 2016	10

Document Set ID: 7009971 Version: 1, Version Date: 28/01/2016



Document Set ID: 7009971 Version: 1, Version Date: 28/01/2016