NOTES
Do not scale off drawings. Confirm all dimensions on site prior to construction or fabrication.
Allow for discovered works.
Removal of redundant modern accretions such as conduits, pipes, wiring etc. and associated fittings and make good.
Remove all plants and organic growth and report any holes, cavities or openings to ensure top of wall and landings are water tight against water penetration or falling damp.
Where painted, remove paint from all masonry surfaces using low abrasive technology such as the JOS system.
Allow to repaint all internal walls (except for the western elevation of A Division) with white limewash (Parker's Paints or similar) to manufacturer's specifications.
After works are complete, clean storeroom of dirt and any remaining mortar using low abrasive technology.
Allow for a structural eng. to inspect the structures.

Ground Floor Demolition Plan

Upper Floor Demolition Plan

Schedule of materials salvaged for re-use

STONE CHUTES
CELL DOORS
LEVERS
2 STONE DOOR SURROUNDS (RECONSTRUCT IN LABOUR YARDS 3 AND 4)
REJESTONE AVAIL (RECONSTRUCT IN YARD) 2
CURVED STONE COVERING STONE WALLS
STEEL GRILLE GATE IN CORRIDOR
REJESTONE
BRICK
CORRUGATED GALVANISED IRON SHEETS
GALVANISED IRON FLASHINGS IF IN GOOD CONDITION

Bryce Raworth
Heritage • Conservation
**Detail 1: Section of Canopy to Walkway**

- Fielders Z600 heritage galvanised steel capping.
- 90 x 90 x 6.5L bolted to columns with M20 bolts as shown.
- 120 x 40 F17 Glu Lam curved roof joints @ 600 cts. Birdsmouth joint for square L beam. Paint with white limewash. Refer to eng. specs.
- 70x19mm timber lining boards painted with white limewash to match detail of canopies to guard posts 3 and 4.
- 170 x 25 F8 fascia beam. Refer to eng. specs.
- 90 x 90 x 6.5L beam bolted to columns and roof joints with M20 bolts. Refer to eng. specs.
- Columns (C1-C14) 2 x 50 x 50 x 5 L -double angles back to back @ 1940mm cts. Refer to eng. specs.
- Lateral canopy ties to line up with line levers to cell doors below.

**Detail 2: Part Elevation of Steel Frame**

- Steel wire mesh over frame.
- Longitudinal bracing ties 20mm Ø steel rods (LT1). Refer to eng. specs.

**Detail 3: Section of Canopy to Rockbreaking Yard**

- 3mm Ø end bracket.
- 2/ M10 'ChemSet' fasteners to strut joint. 1/ M10 to rafters countersunk head.
- 2/ M8 screws.

**Detail 4: Part Section Through Brick Wall**

- Galvanised corrugated iron salvaged from demolished portion of building at 13° pitch.
- 3/ 35 x 35mm F17 KDHW roofing battens @ max. 900 cts. Refer to eng. spec.
- 90 x 45mm KDHW F17 rafters to eng. spec.
- 85 x 40 F17 KDHW fascia beam (SJ1). Refer to eng. specs.
- 110 x 40 F17 KDHW strut joint (SJ1). Refer to eng. specs.
- Sealant below drip edge.
- Horizontal joint reinforcement.
- Through wall flashing with 10mm drip edge.
- Round top 1:1:6 concrete capping with drip moulds on both sides.
- S/s dowel rod and anchor pin with sealant around penetrations through flashing.

---

**Bryce Raworth**

Heritage + Conservation

19 Victoria Street
St Kilda, Vic, 3182

Phone: +61 3 9525 4289
Email: adm@brycraworth.com.au

**shayhergroup**

Penrith, 1 Chance Street, Colyton, VIC 3058
Ph: 61 3 9554 1031  Fax: 61 3 9555 8440

**PROJECT**

PENTRIDGE PRISON
ROCK BREAKING WA (4-DIA-9206)

**DRAWING DETAILS**

**DRAWN**
S.D.

**SCALE**
1:10 @ A3

**CONSTRUCTION ISSUE**

**DATE**
01 OCTOBER 2014

**REVISION**
19173
Proposed Section EE

Remove paint from all walls using low abrasive technology such as the JOS system. Repaint all internal walls with white lime wash (excluding east elevation of A Division).

Metal reveal to end of walls to match wall treatment strategy across site.

New steel balustrades to match detail in northern cell range.

New steel balustrade to match original detail.

Paint new elements to match ex, colour scheme.

Reinstate steel gallery to match original detail.

New galvanised corrugated iron canopy on curved timber posts at 600 cts. Refer detail.

Remove brick infill and reinstate doorways to Yards 5, 6 and 8. Allow to reinstate bars to clerestory windows in case they have previously been removed.

Remove rust from steel bars and paint in white epoxy 2 pack. Install vermin-proof mesh behind bars.

70x10mm timber lining boards painted with white lime wash to match ceiling detail to central corridor below.

Diamond woven wire mesh to spec detail.

Existing 100mm reinforced concrete slab.

70x10mm timber lining boards painted with white lime wash to match ceiling detail to central corridor below.
Proposed Section AA

New galvanised corrugated iron canopy on curved timber posts.

Remove paint from east elevation of A Division as required using low abrasive technology such as the JOIS system.

Remove paint from east elevation of A Division as required using low abrasive technology such as the JOIS system. Repaint all internal walls with white limewash (excluding east elevation of A Division).

New timber-framed shelter clad in corrugated galvanised iron recycled from demolished portion of building.

Reconstruct brick partition wall between ex-garage to match ex-garage bond using bricks salvaged from demolished part of building.

Round top concrete capping to brick partition walls. Refer detail C5.

Build-up and key in brickwork to make ex-garage capping brick rib straight at top.

Re-use curved stone coping on retained bluestone walls. Select stones that fit best noting that stones are inconsistent in size and fit.

New reinforced concrete floor to yard.

1 to 8, graded 1:100 fall to stormwater through ex-garage pipes to central corridor.

Remove rust from steel bars and paint in white epoxy 2 pack. Install waterproof mesh behind bars.

Remove paint from bluestone steps using low abrasive technology such as the JOIS system.

Repair localised damage to bluestone steps to ensure no sharp edges remain.

KEY
BL BLUESTONE
BR BRICK
CGI CORRUGATED GALVANISED IRON
(CORRUGATED FROM DEMOLISHED PORTION OF BUILDING)
SL SLATE
C CONCRETE
WM DIAMOND WOVEN WIRE MESH TO SPEC. (REFER TO DETAIL)
LS OVERPAINTED SURFACE (WHITE LIMESTONE)
TLB 70 x 16mm TIMBER BRIDGE BOARDS (WHITE LIMESTONE FINISH)
EX EXTERIOR
SL SALVAGED FROM DEMOLISHED PORTION OF BUILDING
Proposed North Elevation

Salvaged galvanised corrugated iron flashings to new canopy.

Re-use curved stone coping on retained bluestone walls. Select stones that fit best noting that stones are inconsistent in size and fit.

Make good stone where H Division roof removed.

Remove fill from original openings and relocate stone chutes from demolished eastern end of building in original position. Allow to modify opening if required

Mortar up return wall to exercise yard. Detail to be resolved at a later date. Confirm with site project manager.


Repair and re-point bluestone wall as required.

KEY

BLUESTONE
BR BRICK
CS CORRUGATED GALVANIZED IRON
(SALVAGED FROM DEMOLISHED PORTION OF BUILDING)
SL SLATE
C CONCRETE
MV MASONRY WORK WAS NOT TO SPEC (REFER TO DETAIL)
OV OVERPAINTED SURFACE (PAINT: LACQUER)
TBS 70 x 13mm THICK LINING BOARDS (WHITE OAK/WALNUT/ASH)
DS DISTING
SAI SALVAGED FROM DEMOLISHED PORTION OF BUILDING
Proposed East Elevation

- New galvanised corrugated iron canopy on curved timber joints.
- Repair and repaint east elevation of A Division as required. Remove paint using low abrasive technology such as the JDG system.
- Replace stonework where concrete lintel removed. New stonework to match alternate quays below.
- Sarge capping and wire net to east elevation of upper walkway to match wall treatment strategy across site.
- Reconstruct brick partition wall between exg nubs to match exg bond using bricks salvaged from demolished part of building.
- Build-up and key in brickwork to make exg charnelered brick rib straight at top. Precise date TBC. Etch into metal reveal.
- Metal reveal to end of walls to match wall treatment strategy across site.
- Metal reveal to exg brick rib to match building footprint inlay on footpath.

KEY
- RL: RECLAIMED
- BR: BRICK
- CG: CORRUGATED GALVANISED IRON
- CSL: SALVAGED FROM DEMOLISHED PORTION OF BUILDING
- TL: TILES
- C: CONCRETE
- WP: WHITE PAINT WOODWORK SHEATHING TO SPEC (REFER TO DETAIL)
- CV: DOWNPAINTED SURFACE (WHITE UNDERCOAT)
- NB: 70 x 16MM TREATED 440000 WHITE UNDERCOAT
- EX: EXISTING
- SD: SALVAGED FROM DEMOLISHED PORTION OF BUILDING
Proposed Upper Floor Plan

- Round top concrete capping to brick partition walls. Refer detail E.
- Re-use curved stone capping on retained bluestone walls. Select stones that fit best noting that stones are inconsistent in size and fit.
- Re-use corrugated galvanised iron from demolished eastern portion of site.
- Where removed, re-use door lever mechanisms from demolished eastern portion of building. Cut 170 x 55mm holes in concrete floor to accommodate relocated levers. Restore operational condition if possible.

Bryce Raworth
Heritage • Conservation
19 Victoria Street
St Kilda, Vic, 3182
t: +61 3 9525 4299 e: admin@bryceraworth.com.au

shayhergroup
Penridge, 1 Champ Street, Colac, VIC 3255
P: 61 3 9554 1051 F: 61 3 9555 8640

PROJECT
PENTRIDGE PRISON
ROCK BREAKING MACH (4 D4930N)

DRAWING
PROPOSED
UPPER FLOOR PLAN

DATE
03 OCTOBER 2014

CONSTRUCTION
ISSUE
10178
NOTES

Do not scale off drawings. Confirm all dimensions on site prior to construction or fabrication.

Allow for discovered works.

Remove all redundant modern accretions such as conduits, pipes, wiring etc and associated fixings and make good.

Remove all plants and organic growth and repoint any holes, cavities or openings to ensure top of wall and landings are water tight against water penetration or falling damp.

Where applicable, remove paint from facia using low abrasive technology such as the JOS system.

After works are complete, clean stonework of dirt and any remaining mortar using low abrasive technology.

Allow for a structural eng. to inspect the structures.

Bryce Raworth
Heritage • Conservation
19 Victoria Street
St Kilda, Vic, 3182
t: +61 3 9525 4289
e: admin@bryceraworth.com.au

shayergroup
Pentridge, 1 Champ Street, Colling, VIC 3058
P 61 3 8564 1361 F 61 3 8955 8940

PROJECT
PENTRIDGE PRISON
ROCK-BREAKING WORKS (W D14800)

DRAWING
02

PROPOSED GROUND FLOOR PLAN

CONSTRUCTION ISSUE

DATE: 03 OCTOBER 2014

REVISION: 19173