



SERVICES PENETRATION LEGEND - NOTE: ALL SERVICES PENETRATIONS TO BE COORDINATED WITH CONTRACTOR'S SHOP DRAWINGS

| CODE | TYPE OF PENO | CLEAR OPENING DIMS (mm) | CODE | TYPE OF PENO | CLEAR OPENING DIMS (mm) |
|---------|--------------|-------------------------|---------|--------------|-------------------------|
| SVP-G01 | MECHANICAL | 1100x650 | SVP-G16 | MECHANICAL | 500x500 |
| SVP-G02 | MECHANICAL | 1050x625 | SVP-G17 | GENERAL | 1930x1130 |
| SVP-G03 | MECHANICAL | 1400x800 | SVP-G18 | ELECTRICAL | 200x700 |
| SVP-G04 | HYDRAULIC | 1950x200 | SVP-G19 | MECHANICAL | 2100x850 |
| SVP-G05 | MECHANICAL | 2700x400 | SVP-G20 | FIRE | 700x150 |
| SVP-G06 | GENERAL | 2700x1100 | SVP-G21 | COMMS | 700x150 |
| SVP-G07 | GENERAL | 2700x1100 | SVP-G22 | HYDRAULIC | 1500x90 |
| SVP-G08 | GENERAL | 2700x1100 | SVP-G23 | HYDRAULIC | 2500x90 |
| SVP-G09 | GENERAL | 2700x1100 | SVP-G24 | ELECTRICAL | 700x300 |
| SVP-G10 | ELECTRICAL | 700x300 | SVP-G25 | ELECTRICAL | 700x300 |
| SVP-G11 | ELECTRICAL | 2000x300 | | | |
| SVP-G12 | MECHANICAL | 800x850 | | | |

CONCRETE BOND SCHEDULE (CB)

| CODE | HEIGHT (mm) | WIDTH (mm) |
|------|------------------|------------|
| CB-A | 270 | 170 |
| CB-B | 120 | 190 |
| CB-C | 250 | 450 |
| CB-D | 300 | 200 |
| CB-E | REF. FACADE DETS | |
| CB-F | REF. FACADE DETS | |
| CB-G | 150 | 200 |
| CB-H | 270 | 350 |
| CB-I | 270 | 600 |
| CB-K | 290 | 125 |
| CB-L | 340 | 190 |

THIS DRAWING IS AN UNCONTROLLED COPY UNLESS STAMPED OTHERWISE

CONTRACTORS SHALL VERIFY JOB DIMENSIONS BEFORE ANY WORK COMMENCES. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE SUPERINTENDENT AND MANUFACTURER. SHOP DRAWINGS SHALL NOT COME FROM UNDESIGNED SHOP DRAWINGS. THE CONSULTANT SHALL BE RESPONSIBLE FOR THE PRESENCE OR SCALE OF THIS DRAWING. THE CONSULTANT SHALL BE RESPONSIBLE FOR THE PRESENCE OR SCALE OF THIS DRAWING. THE CONSULTANT SHALL BE RESPONSIBLE FOR THE PRESENCE OR SCALE OF THIS DRAWING.

General Notes & Legend

- RFB = RECESSED FLOOR BOX - SIZE AND DEPTH BY ELECTRICAL ENGINEER
- CB = CONCRETE BOND - REFER TO SCHEDULE
- SVP = SERVICES PENETRATION. REFER TO SCHEDULE
- SVT = SERVICES TRENCH TO ENG. SPEC WITH PLATE STEEL REMOVABLE COVER
- CR = REBATE INTO CONCRETE SLAB EDGE - REFER TO SCHEDULE OF PARTS
- DP = DOWNPIPE PENETRATION THRU CONCRETE SLAB
- RWF/W = FLOOR WASTE PENETRATION THRU CONCRETE SLAB
- TD = TUNDRUSH - GREATER THAN 100mm x 100mm (REFER HYDRAULIC ENG.)
- SGTH = SEALED GULLY TRAP - EQ. GREATER THAN 100mm x 100mm
- D.C. = DOOR CLOSED POCKET
- PRST = ARCH. PRECAST PLACED IN SITU. INTEGRAL TO STRUCTURAL POUR
- CC = CAST-IN CONDUIT LOCATION - REFER TO SERVICES DRAWINGS INDICATES HEIGHT APP. EQUIPMENT TO BE MOUNTED ON CL. OF COL. EXCEPT WHERE MULTIPLE DEVICES INDICATED
- STEP IN CONCRETE. X = DEPTH
- CF = CONCRETE FLOOR FINISHES - REFER ALSO TO ARI1000 SERIES
- ST = STRUCTURAL NOTE
- INDICATES A SETOUT POINT
- IN SITU CONCRETE
- PRECAST CONCRETE
- REVISION TAG
- DETAIL NUMBER
- DETAIL CALLOUT
- NOM. RFB SIZES: RFB-01 - REFER SERVICES DRAWINGS RFB-02 - REFER SERVICES DRAWINGS

GENERAL NOTES

- SET OUT DIMENSIONS TO SERVICES PENETRATIONS / TRENCHES ARE NOMINAL ONLY AND TO BE COORDINATED AND SETOUT IN CONJUNCTION WITH CONSULTANT'S DRAWINGS.
- ANY PENETRATIONS SIZED UNDER 150mm DIAMETER ARE NOT INCLUDED IN THIS DRAWING. PLEASE REFER TO SERVICES DRAWINGS.
- SET OUT DIMENSIONS TO PENETRATIONS AT 150mm DIA OR GREATER AND FLOOR BOXES ARE TO CENTRELINE UNDO.
- UNDO OFF-FORM CONCRETE TO BE CLASS 20 - REFER TO ARI1000S, ARI200S, ARI300S AND MATERIAL SCHEDULE.
- SET OUT DIMENSIONS TO COLUMNS ARE GENERALLY TO CENTRELINE UNLESS OTHERWISE NOTED.
- REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR CAST IN PLATE REQS.
- REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR CAST IN COLUMN ENCLOSURES - REFER TO STRUCTURAL ENGINEER'S DRAWINGS.
- ALL SERVICES PENETRATIONS THROUGH FIRE RATED ELEMENTS TO BE PROTECTED IN ACCORDANCE WITH BCA.
- PRECAST REBATE POCKETS TO SLABS NOT SHOWN - TO BE COORDINATED WITH PRECAST MANUFACTURER. LOCATIONS TO BE SET IN ACCORDANCE WITH STRUCTURAL ENGINEERS REQS AND OFFSET AS REQUIRED FROM FACE REBATES TO SLAB EDGE.
- REFER TO SERVICES ENGINEERS DRAWINGS FOR FLOOR BOX SIZES AND SPECIFICATIONS.
- NOTE SOME FLOOR BOX LOCATIONS SET IN COORDINATE CLINSTRU SLABS.
- ALL SERVICES PENETRATIONS TO BE COORDINATED WITH CONTRACTOR'S SHOP DRAWINGS.

INTERNAL / ENCLOSED CONDITIONS

REFER TO ARI1000 SERIES FOR LOCATION AND EXTENT OF EXPOSED CONCRETE FLOORS

2. COORDINATE LOCATION OF REQUIRED HOBS FOR EQUIPMENT FINISHES. ENSURE LOCATIONS ARE CLEARLY IDENTIFIED FOR INSTALLATION OF EQUIPMENT. CONFORM WITH MANUFACTURER FOR FINING DETAILS.

EXTERNAL CONDITIONS

1. COORDINATE LOCATION OF REQUIRED HOBS & PLINTHS FOR EQUIPMENT FINISHES. ENSURE LOCATIONS ARE CLEARLY IDENTIFIED FOR INSTALLATION OF EQUIPMENT. CONFORM WITH MANUFACTURER FOR FINING DETAILS.

| Rev | Issue | Revision Description | Amd | Date |
|-----|-------|--|-----|----------|
| P | SG | DIMENSIONS TO REBATES ADDED | - | 12.08.13 |
| N | SG | CAST IN REV. TO UPSTAND WALL | - | 09.08.13 |
| M | SG | CAST IN LOCATIONS & SECURITY SETOUT INCL. SOUTH WEST CORNER REVISED TO STR | - | 08.06.13 |
| L | SG | SLAB EDGE REV. TO SUIT LATENT CONDITION | - | 06.08.13 |
| K | SG | REL. RAMP & BEAM TO VOID TO SUIT STR. AMENDMENTS AS CLOUDED | - | 05.08.13 |
| J | SG | DIMS ADDED | - | 31.07.13 |
| I | SG | SECURITY GATE SETOUT | - | |
| H | SG | SETOUTS FOR CONDUIT - LIBRARY SOUTH EDGE | - | |
| G | SG | BALESTRAS POCKETS ADDED | - | |

TOP OF SLAB SETOUT & RL

| CODE | ORIG. DISTANCE FROM GRIDS 13 & E | RL (TOS) |
|------|----------------------------------|-----------|
| RL-A | 0 | 10600 (N) |
| RL-B | 0 | 9600 (S) |
| RL-C | 485 (W) | 9500 (S) |
| RL-D | 2840 (E) | 9100 (S) |
| RL-E | 485 (W) | 13100 (S) |
| RL-F | 2014 (W) | 13100 (S) |
| RL-G | 4785 (W) | 20882 (S) |
| RL-H | 4785 (W) | 28215 (S) |
| RL-J | 5540 (W) | 4916 (S) |
| RL-K | 11100 (W) | 7900 (S) |

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Client: **University of Melbourne Parkville Campus**

Project: **Faculty of Architecture Building and Planning**

Title: **CONCRETE PROFILE GROUND FLOOR PLAN**

Project No. **0913** Scale: 1:100 @ A0
Drawing No. **AR4002** Revision: **P**
Date: Sept 2011
FILENAME - \$FILE\$

FOR CONSTRUCTION