



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

CODE	TYPE OF PENO	CLEAR OPENING DIMS (mm)	CODE	TYPE OF PENO	CLEAR OPENING DIMS (mm)
SVP-301	MECHANICAL (SP)	1100x650	SVP-316	MECH	900x500
SVP-302	MECHANICAL	1050x425	SVP-317	GENERAL	1930x1130
SVP-303	-	-	SVP-318	COMMS	700x200
SVP-304	HYDRAULIC	1550x200	SVP-319	MECHANICAL	-
SVP-305	MECH. (SPI)	760x50	SVP-320	-	-
SVP-306	GENERAL	2700x400	SVP-321	FIRE	-
SVP-307	MECH. (SPI)	1300x1100	SVP-322	COMMS	700x150
SVP-308	GENERAL	2700x1100	SVP-323	FIRE	-
SVP-309	-	-	-	-	-
SVP-310	ELECTRICAL	700x500	-	-	-
SVP-311	GENERAL	2580x1410	-	-	-
SVP-312	GENERAL	1860x770	-	-	-
SVP-313	COMMS	700x500	-	-	-
SVP-314	ELEC.	2000x300	-	-	-
SVP-315	MECHANICAL	850x800	-	-	-

CONCRETE BUND SCHEDULE (CB)

CODE	HEIGHT	WIDTH
CB-A	270	170
CB-B	150	150
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	250
CB-J	270	600
CB-K	280	125
CB-L	340	150
CB-M	130	150

STRUCTURAL NOTES - SPECIFIC

- ST.1 FACE OF COLUMN TO ALIGN TO GRID LINE.
- ST.2 PROVIDE 5mm NOM. SAW CUTS TO BE PROVIDED IN HEARING LOOP ZONES FOR INSET OF WIRE BELOW FINISH FLOOR.
- ST.3 REFER TO AR4300 SERIES FOR CORE / SERVICES PENETRATION SETOUTS.
- ST.4 REF. SETOUT - DENOTES EDGE OF SLAB / CAPPING BEAM ABOVE PILES - REFER TO STR. DRAWINGS FOR DETAILS.
- ST.5 DENOTES EXTENT OF CAST-IN PLACE ARCHITECTURAL PRECAST PANELS TO EDGE OF SLAB/BEAM.
- ST.6 PROVIDE LOCALISED BUND TO CCL - REF. TO STR. ENGINEERS DRAWINGS FOR DETAILS.

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CONTRACTORS SHALL VERIFY JOB DIMENSIONS BEFORE ANY JOB COMMENCES. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE SUPERINTENDENT AND MANUFACTURERS SHALL NOT COMMENCE FROM THE PLAN OF DIMENSIONS SHOWN UNLESS APPROVED BY THE CONSULTANT. FLOOR DIMENSIONS SHALL TAKE PRECEDENCE OVER SLABS. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT CONTRACT SPECIFICATIONS AND DRAWINGS COPYRIGHT OF THIS DRAWING IS RESTRICTED TO THE CLIENT.

General Notes

- RFB RECESSED FLOOR BOX - SIZE AND DEPTH BY ELECTRICAL ENGINEER
- CB CONCRETE BUND - 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 ON ART100
- DP DOWNPIPE PENETRATION THRU CONCRETE SLAB
- RWO/FW FLOOR WASTE PENETRATION THRU CONCRETE SLAB
- TD TUNDISH - GREATER THAN 100mm x 100mm (REFER HYDRAULIC ENG.)
- SGTH SEALED GULLY TRAP - ED. GREATER THAN 100mm x 100mm (REFER HYDRAULIC ENGINEER)
- D.C. DOOR CLOSED POCKET
- PRST ARCH. PRECAST PLACED IN-SITU. INTEGRAL TO STRUCTURAL POUR
- CIC CAST-IN CONDUIT LOCATION - REFER TO SERVICES DRAWINGS INDICATES HEIGHT RFB - EQUIPMENT TO BE MOUNTED ON C.L. OF COL. EXCEPT WHERE MULTIPLE DEVICES INDICATED
- ST STEP IN CONCRETE. X = DEPTH
- CF CONCRETE FLOOR FINISHES - REFER ALSO TO AR1000 SERIES
- ST STRUCTURAL NOTE PN POWER NODE - SIZE AND DEPTH BY ELECTRICAL ENGINEER
- INDICATES A SETOUT POINT
- INSITU CONCRETE
- PRECAST CONCRETE
- REVISION TAG
- DETAIL NUMBER
- DETAIL CALLOUT
- EXISTING (HERITAGE FACADE)
- EXTENT OF CF-01 - REFER TO AR1000 SERIES
- 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 CHECKED IN CONJUNCTION WITH CONTRACTOR SHOP DRAWINGS.
- ANY PENETRATIONS SIZES 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 USE-FORM CONCRETE TO BE CLASS ZC-20 - REFER TO AR1000S, AR1200S, AR2000S AND MATERIAL SCHEDULE.
- SET OUT DIMENSIONS TO COLUMNS ARE GENERALLY TO CENTRELINE UNLESS OTHERWISE NOTED.
- REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR CAST IN PLACE RECS.
- STEEL COLUMN CONNECTIONS @ BRIDING MAY REQUIRE LOCAL ENFORCEMENTS - REFER TO STRUCTURAL ENGINEERS DRAWINGS.
- ALL SERVICES PENETRATIONS THROUGH FIRE RATED ELEMENTS TO BE PROTECTED IN ACCORDANCE WITH SCA.
- PRECAST REBATE POCKETS TO SLABS NOT SHOWN - TO BE COORDINATED WITH PRECAST MANUFACTURER. LOCATIONS TO BE SET IN ACCORDANCE WITH STRUCTURAL ENGINEERS RECS AND OFFSET AS REQUIRED FROM FACE REBATES TO SLAB EDGE.
- ALL SERVICES PENETRATIONS THROUGH FLOOR BOX SIZES AND SPECIFICATIONS.
- REFER TO SERVICES ENGINEERS DRAWINGS FOR FLOOR BOX SIZES AND SPECIFICATIONS.
- REFER TO SERVICES ENGINEERS DRAWINGS FOR FLOOR BOX SIZES AND SPECIFICATIONS.
- ALL SERVICES PENETRATIONS TO BE COORDINATED WITH CONTRACTOR SHOP DRAWINGS
- INTERNAL / ENCLOSED CONDITIONS
- REFER TO AR1000 SERIES FOR LOCATION AND EXTENT OF EXPOSED CONCRETE FLOORS
- CO-ORDINATE LOCATION OF REQUIRED HOBS FOR EQUIPMENT FIXINGS. ENSURE LOCATIONS ARE CLEARLY IDENTIFIED FOR INSTALLATION OF EQUIPMENT. CONFIRM WITH MANUFACTURER FOR FIXING DETAILS.

EXTERNAL CONDITIONS

- CO-ORDINATE LOCATION OF REQUIRED HOBS & PLINTHS FOR EQUIPMENT FIXINGS. ENSURE LOCATIONS ARE CLEARLY IDENTIFIED FOR INSTALLATION OF EQUIPMENT. CONFIRM WITH MANUFACTURER FOR FIXING DETAILS.

Rev	Issue	Revision Description	And	Date
C	SG	BEAM PENOS AMENDED TO SUIT SVS. FL BOXES ADDED TO SUIT URM ATRILUM REBATES REVISED	-	07.10.13
B	SG	ISSUED FOR CONSTRUCTION	-	24.09.13
A	SG	ISSUED FOR CONSTRUCTION	-	23.06.13
08	SG	100% CD ISSUE	-	10.08.12
07	SG	75% CD ISSUE	-	13.07.12
06	SG	50% CD ISSUE	-	01.06.12
05	SG	25% CD ISSUE	-	20.04.12
04	SG	COMPACTUS SETDOWNS DELETED	-	24.02.12
03	SG	DO UPDATE	-	20.01.12
02	SG	PREVIOUSLY AR4004	-	02.11.11
01	SG	PRELIMINARY CD	-	07.10.11

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Client: University of Melbourne Parkville Campus

Project: Faculty of Architecture Building and Planning

Title: CONCRETE PROFILE LEVEL 03 FLOOR PLAN

Project No. 0913 Scale: 1:100 @ A0 1:200 @ A2

Drawing No. AR4005 Revision C

Date: Sept 2011 Drawn - Co-Ord - Check -

FILENAME - SFILES

**FOR CONSTRUCTION**

