



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-401	MECHANICAL (SP)	1100x650	SVP-416	MECH	900x550
SVP-402	MECHANICAL	1050x425	SVP-417	GENERAL	1900x130
SVP-403			SVP-418	COMMS	700x200
SVP-404	HYDRAULIC	1550x200	SVP-419	MECHANICAL	
SVP-405	MECH. (SPI)	760x50	SVP-420		
SVP-406	GENERAL	2700x400	SVP-421	FIRE	
SVP-407	MECH. (SPI)	1300x1100	SVP-422	COMMS	700x150
SVP-408	GENERAL	2700x1100			
SVP-409					
SVP-410	ELECTRICAL	700x300			
SVP-411	GENERAL	2580x1410			
SVP-412	GENERAL	1800x770			
SVP-413	COMMS	700x300			
SVP-414	ELEC.	2000x300			
SVP-415	MECHANICAL	850x800			

CONCRETE BUND SCHEDULE (CB)

CODE	HEIGHT	WIDTH	SIZE (mm)
CB-A	270	170	
CB-B	190	190	
CB-C	175	900	
CB-D	390	200	
CB-E	150	200	
CB-F	270	250	
CB-G	270	600	
CB-H	270	190	
CB-L	340	190	
CB-M	190	190	

- STRUCTURAL NOTES - SPECIFIC
- FACE OF COLUMN TO ALIGN TO GRIDLINE.
 - PROVIDE 6mm NOM SAW CUTS TO BE PROVIDED IN HEARING LOOP ZONES FOR INSET OF WIRE BELOW FINISH FLOOR.
 - REFER TO AR4000 SERIES FOR CORE / SERVICES PENETRATION SETOUTS.
 - REF. SETOUT - DENOTES EDGE OF SLAB / CAPPING BEAM ABOVE PILES - REFER TO STR. DRAWINGS FOR DETAILS.
 - REF. SETOUT - DENOTES EXTENT OF CAST-IN PLACE ARCHITECTURAL PRECAST PANELS TO EDGE OF SLAB/BEAM.
 - PROVIDE LOCAL BUND TO COL. - REF. TO STR. ENGINEERS DRAWINGS FOR DETAILS. TOP OF BUND AT RL 64.670.

THIS DRAWING IS AN UNCONTROLLED COPY UNLESS STAMPED OTHERWISE

CONTRACTORS SHALL VERIFY JOB DIMENSIONS BEFORE ANY JOB COMMENCES. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE SUPERINTENDENT AND MANUFACTURER SHALL NOT COMMENCE FROM THE TOP OF FOUNDATION SHOP DRAWINGS UNLESS BY THE CONTRACTOR. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELATED CONTRACT SPECIFICATIONS AND DRAWINGS COPYRIGHT OF THIS DRAWING IS VESTED IN NADAAA.

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 ARCHD
- DP = DOWNPIPE PENETRATION THRU CONCRETE SLAB
- RPOVFV = FLOOR WASTE PENETRATION THRU CONCRETE SLAB
- TD = TUNDRIS - GREATER THAN 100mm x 100mm (REFER HYDRAULIC ENG.)
- SS1TH = SEALED QUALITY TRAP - ED. GREATER THAN 100mm x 100mm (REFER HYDRAULIC ENGINEER)
- SD = SIPHONIC OUTLET OF OVERFLOW OUTLET
- PRST = ARCH. PRECAST PLACED IN-SITU. INTEGRAL TO STRUCTURAL POUR
- CC = CAST-IN CONDUIT LOCATION - REFER TO SERVICES DRAWINGS INDICATES HEIGHT AND EQUIPMENT TO BE MOUNTED ON CL OF COL. EXCEPT WHERE MULTIPLE DEVICES INDICATED
- STP = STEP IN CONCRETE. X = DEPTH
- CF = CONCRETE FLOOR FINISHES - REFER ALSO TO AR1000 SERIES
- ST = 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 BY CONTRACTOR IN CONJUNCTION WITH CONSULTANT 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 OFF-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 ENGINEER'S DRAWINGS FOR CAST IN PLATE RECS
- STEEL COLUMN CONNECTIONS @ BRIDGING MAY REQUIRE LOCAL ENFORCEMENTS - 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 ENGINEER'S RECS AND OFFSET AS REQUIRED FROM FACE REBATES TO SLAB EDGE.
- REFER TO SERVICES ENGINEER'S DRAWINGS FOR FLOOR BOX SIZES AND SPECIFICATIONS
- NOTE SOME FLOOR BOX LOCATIONS SET IN COMPOSITE CLT/INSITU SLABS.
- ALL SERVICES PENETRATIONS TO BE COORDINATED WITH CONTRACTOR SHOP DRAWINGS / 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
D	SG	DIMS ADDED TO WEST TERRACE STEEL COLS.	-	24.10.13
C	SG	SLAB EDGES ADJ. TO SUIT	-	11.10.13
B	SG	HOBS AMENDED	-	01.10.13
A	SG	REBATES AMENDED	-	01.10.13
DIMS ADDED				
A	SG	ISSUED FOR CONSTRUCTION	-	30.08.13
10	SG	VALUE MANAGEMENT ISSUE	-	28.03.13
09	SG	100% CD - TENDER ISSUE	-	07.09.12
08	SG	80% 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
EDGE PROFILE REVISED				
04	SG	FINAL DD ISSUE	-	24.02.12
03	SG	DO UPDATE	-	20.01.12
PREVIOUSLY AR4005				
02	SG	PRELIMINARY DD	-	02.11.11
01	SG	PRELIMINARY DD	-	07.10.11

Client: University of Melbourne
Parkville Campus

Project: Faculty of Architecture
Building and Planning

Title: CONCRETE PROFILE
LEVEL 04 FLOOR PLAN

Project No. 0913
Drawing No. AR4006
Revision D

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

FILENAME - SFRS

FOR CONSTRUCTION