

12 11 10 9 8 7 6 5 4 3 2 1

### SLAB DESIGN PARAMETERS

ALL PAVEMENT AND SUB-GRADES ARE BASED ON A DESIGN CBR OF 3.5% OR GREATER.  
REFER SOIL REPORT, 'AS24-199, DATED: 28/03/2025 BY 'AITKEN ROWE GEOTECHNICAL ENGINEERING'.  
IT IS THE RESPONSIBILITY OF THE BUILDER/CONTRACTOR TO ENSURE ANY CONTROLLED FILL IS PLACED UNDER CLASS 1 SUPERVISION OF GEOTECHNICAL ENGINEER AND ALSO IN ACCORDANCE WITH THE SOIL REPORT AND CIVIL DRAWINGS.

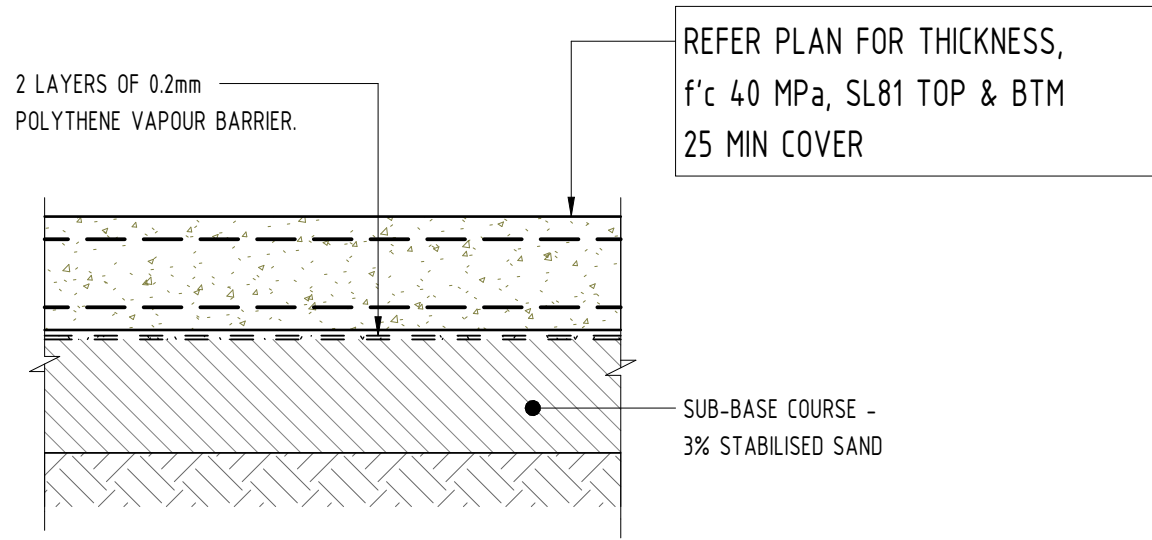
IT IS THE TENDERERS/CONTRACTORS RESPONSIBILITY TO ENSURE THEY OBTAIN A COPY OF THE SOIL REPORT, AND ALLOW FOR ALL SITE PREPARATION WORKS AND RECOMMENDATIONS WITHIN.

ALL INTERNAL PAVEMENTS ARE INTENDED TO FALL TO MAX/MIN RANGE OF AS BELOW;  
- PROCESS AREA = 160-180

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SLAB FALLS EXCEED THIS RANGE AND SHALL REPORT TO THIS OFFICE ANY AREAS THAT PROHIBIT THESE VALUES.

### EARTHWORKS RECOMMENDATIONS

REFER DRAWING S01 FOR EARTHWORK AND SUB-GRADE PREPARATION NOTES AND DETAILS.



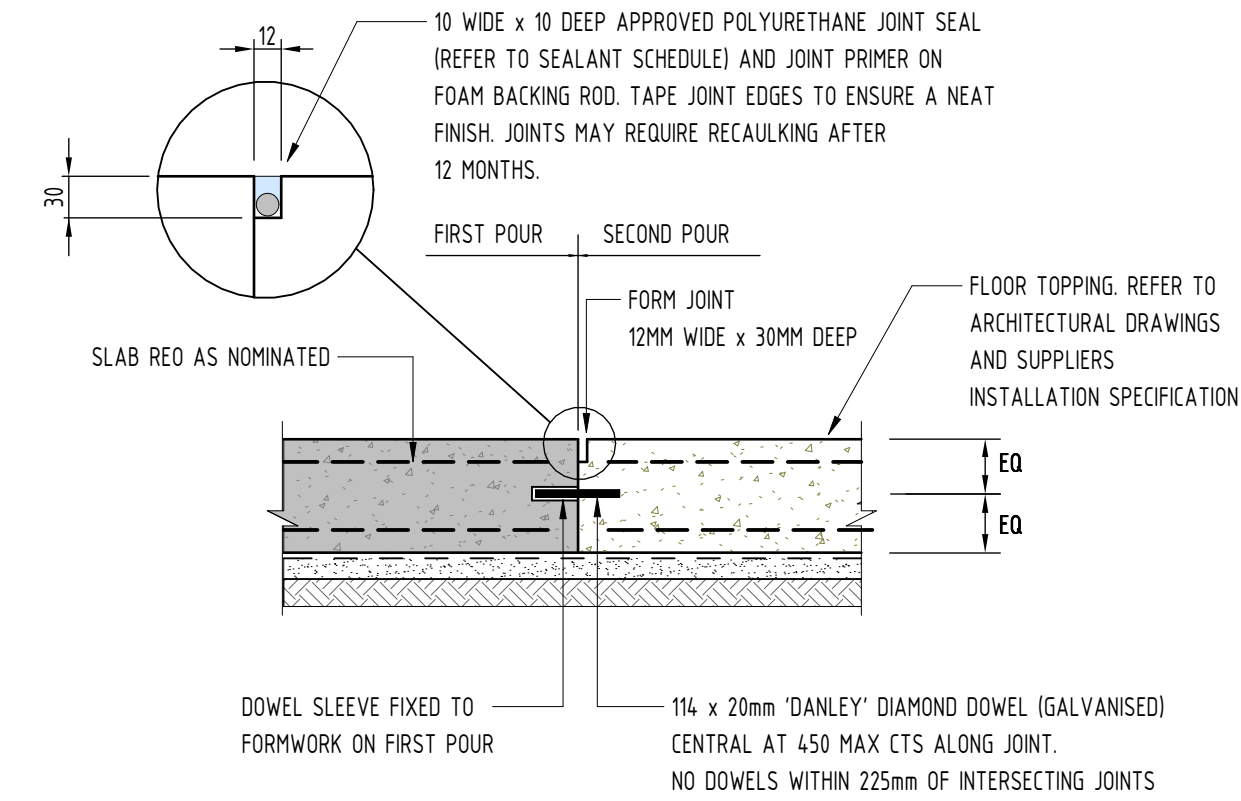
TYPICAL INTERNAL JOINTLESS SLAB DETAIL

SCALE: 1:10

SEALANT SCHEDULE (RECOMMENDATION ONLY)		
AREA OF APPLICATION	SEALANT TYPE	NOTES
CONCRETE FLOORS - PROCESS AREAS	BASF MASTER SEAL CR195 OR SIKAFLEX TANK	HIGH PERFORMANCE UV RESISTANT ALIPHATIC POLYURETHANE. +/- 25% MOVEMENT
CONCRETE FLOORS - NON PROCESS AREAS	BASF MASTER SEAL CR195 OR SIKAFLEX TANK	HIGH PERFORMANCE UV RESISTANT ALIPHATIC POLYURETHANE. +/- 25% MOVEMENT
CONCRETE FLOORS - AGV, FORKLIFT AREAS	AITKEN FREEMAN HYDROJOINT	MIN. SHORE HARDNESS = 75

### IMPORTANT SEALANT NOTES:

1. JOINT MUST NOT BE FILLED UNTIL 60 DAYS AFTER CONCRETE POUR. WAITING LONGER IS PREFERABLE. CONTACT THIS OFFICE IF THIS TIME FRAME CANT BE ACHIEVED AS JOINT MAY NEED TO BE WIDENED.
2. JOINT TO BE THOROUGHLY BLOWN CLEAN TO REMOVE ALL DEBRIS PRIOR TO SEALING.
3. JOINT TO BE PRIMED PRIOR TO SEALING IN STRICT ACCORDANCE WITH SEALANT MANUFACTURERS DETAILS.
4. TAPE JOINT EDGES TO ENSURE A NEAT FINISH.
5. JOINT MAY REQUIRE REFILLING AFTER 12 MONTHS.



PROCESS AREA CONSTRUCTION JOINT - CJ1

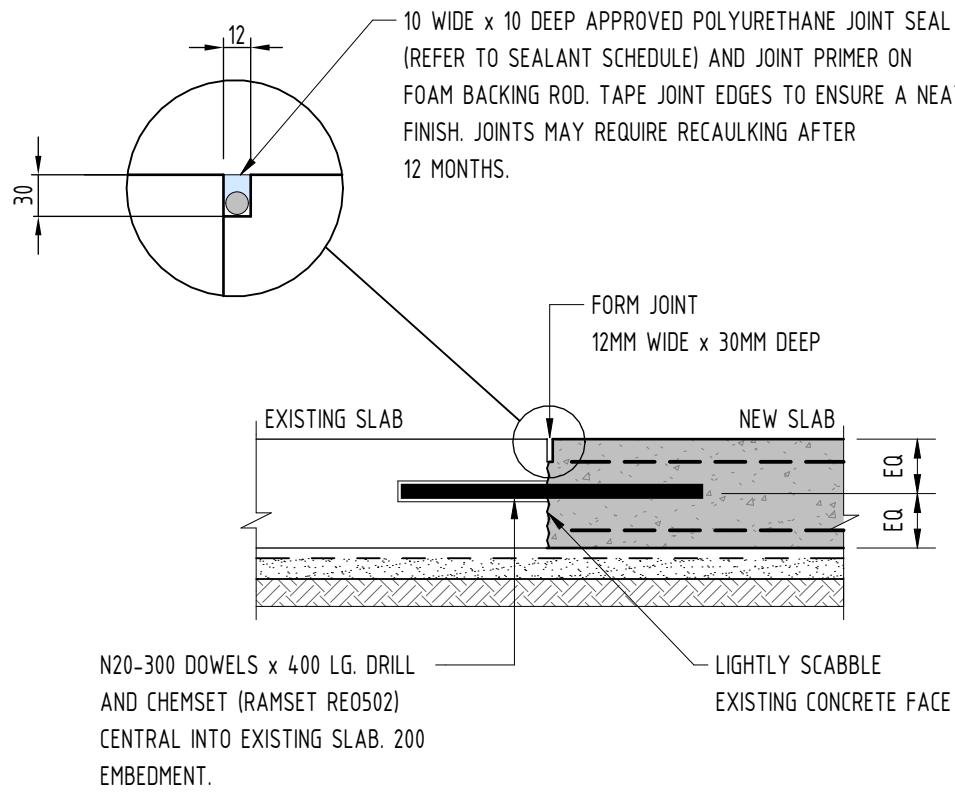
SCALE: 1:10

### NOTES:

1. DOWELS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. SLAB AND SUBGRADE PREPARATION AS SPECIFIED ON SLAB DETAILS.

### JOINT MAINTENANCE NOTE :

- JOINT INSPECTION & MAINTENANCE EVERY 3 MTHS DURING 1ST YEAR.
- JOINT INSPECTION & MAINTENANCE 6 MONTHLY DURING 2ND & 3RD YEARS.
- JOINT INSPECTION & MAINTENANCE YEARLY FROM 4TH YEAR.

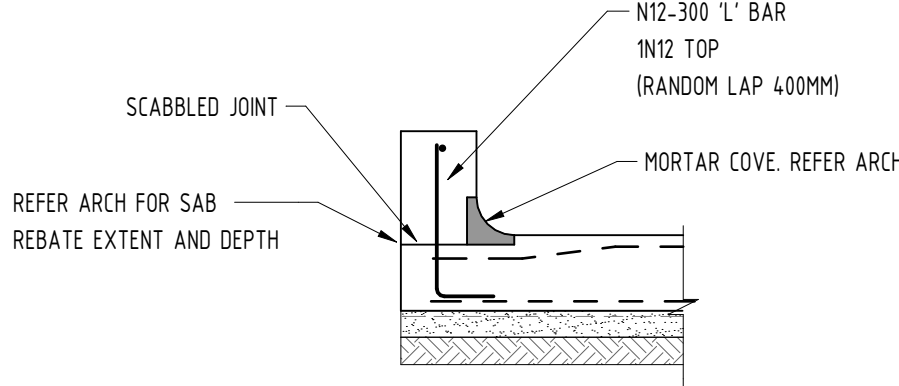


PROCESS AREA NEW TO EXISTING TIED JOINT - CJ2

SCALE: 1:10

### NOTES:

1. SLAB AND SUBGRADE PREPARATION AS SPECIFIED ON SLAB DETAIL.
- JOINT TO BE LEFT AS LONG AS POSSIBLE BEFORE SEALANT IS INSTALLED.
2. IF JOINTS CANNOT BE LEFT FOR MIN. 30 DAYS BEFORE SEALANT IS INSTALLED, CONTACT THIS OFFICE AS JOINT MAY NEED TO BE WIDENED.

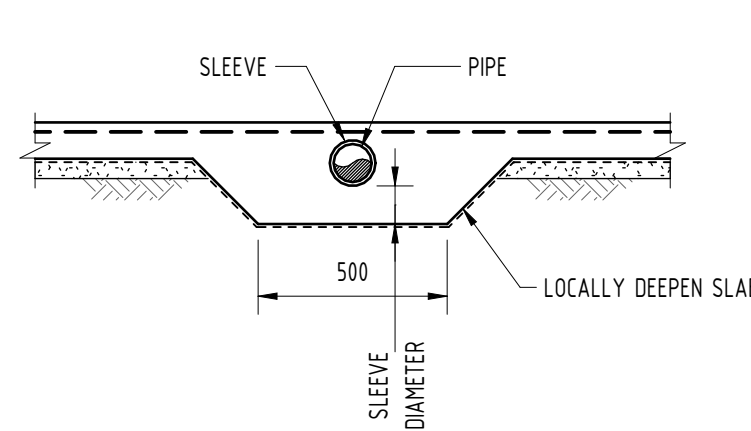


TYPICAL HOB DETAIL

SCALE: 1:10

### NOTES:

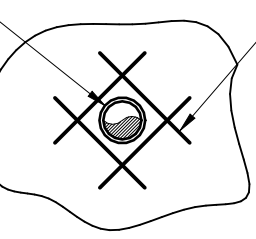
REFER TO ARCHITECTS DRAWING FOR DIMENSION AND LOCATIONS.



FLEXIBLE SERVICE PIPING IN SLAB DETAIL

SCALE: 1:20

FOR CLASS H & E SITES ALL SERVICE PIPE MUST BE WRAPPED IN AN APPROVED FOAM LAGGING.

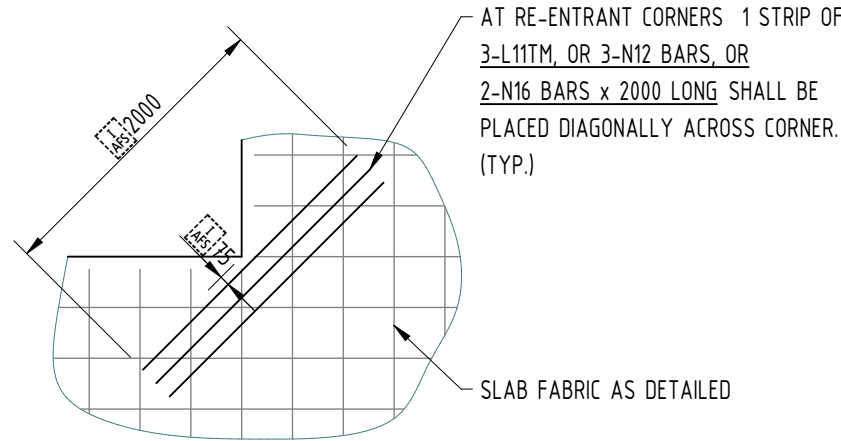


WHERE SLAB FABRIC IS CUT AWAY TO ALLOW FOR SERVICE PIPE, OR NO LAGGING HAS BEEN PROVIDED AROUND PIPE PENETRATIONS, AN ADDITIONAL 4-N12 BARS, 600 LONG, ONE TO EACH SIDE OF PIPE AS SHOWN.

FLEXIBLE SERVICE PIPING IN SLAB DETAIL

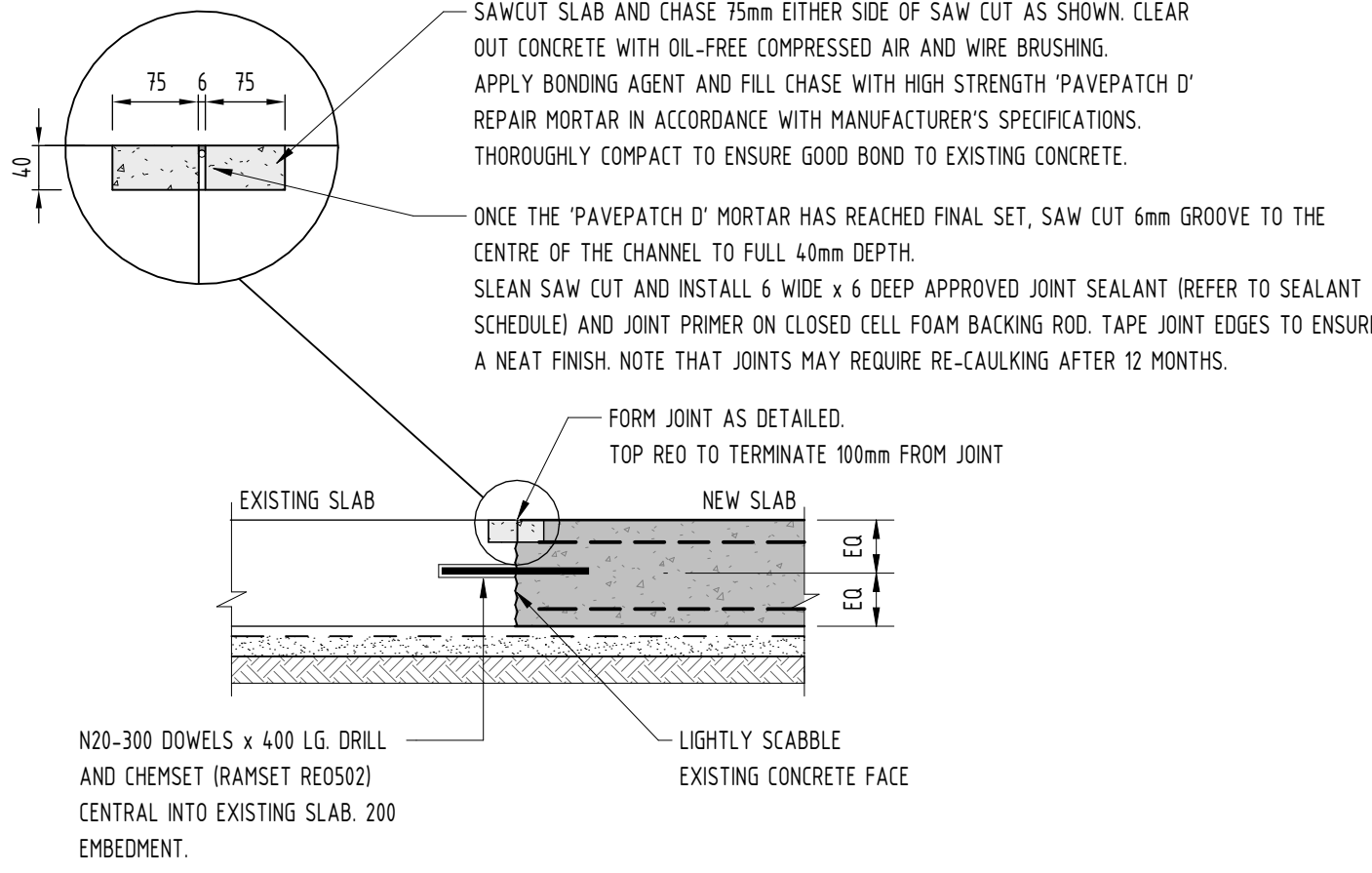
[VERTICALLY THROUGH SLAB DETAIL]

SCALE: N.T.S.



RE-ENTRANT CORNER REINFORCEMENT DETAIL

SCALE: N.T.S.



CONSTRUCTION JOINT - CJ3

SCALE: 1:10

### NOTES:

1. SLAB AND SUBGRADE PREPARATION AS SPECIFIED ON SLAB DETAIL.
- JOINT TO BE LEFT AS LONG AS POSSIBLE BEFORE SEALANT IS INSTALLED.
2. IF JOINTS CANNOT BE LEFT FOR MIN. 30 DAYS BEFORE SEALANT IS INSTALLED, CONTACT THIS OFFICE AS JOINT MAY NEED TO BE WIDENED.

### DRAWING REFERENCES

1. REFER DWG S00 FOR DRAWING INDEX.
2. REFER DWG S01-S02 FOR GENERAL NOTES.



T2 T1	TENDER ISSUE TENDER ISSUE	EC T1	28.05.2025 15.05.2025	REV BY REV DATE	DRAFTING STANDARD AS 1100	WHERE USED	SAP REFERENCE No.	DRAWN BY TL	DATE 28.05.2025	SCALE (A1) As indicated	CHECKED BY ND	DATE 28.05.2025	PROJECT No. 24-300	APPROVED BY	DATE	PREVIOUS DRAWING No. MARS ASSOCIATE	DATE	DRAWING PREFIX 24-300	DRAWING No. S08	REV T2
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PETCARE PLACE  
WODONGA 3690 VIC  
PHONE.....(02)6055-5200

### FLOOR SLAB DETAILS SHEET 2

### TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION PURPOSES

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