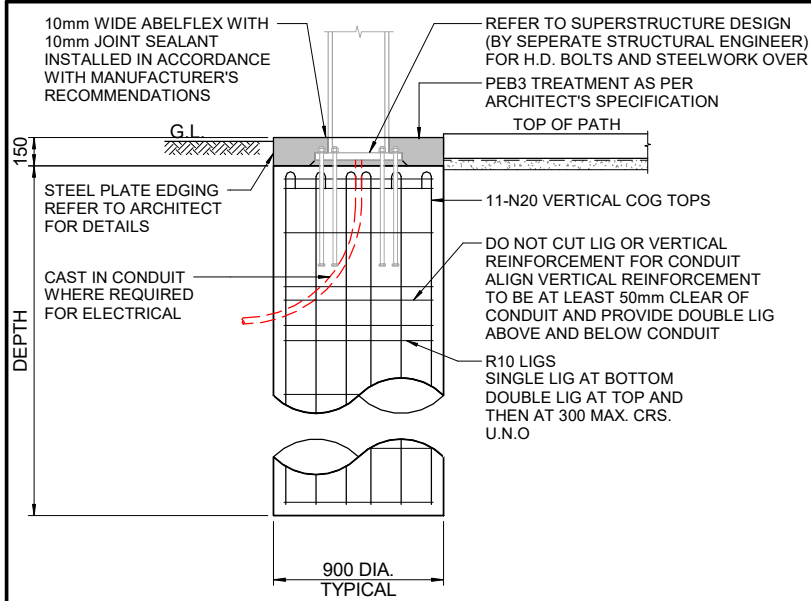


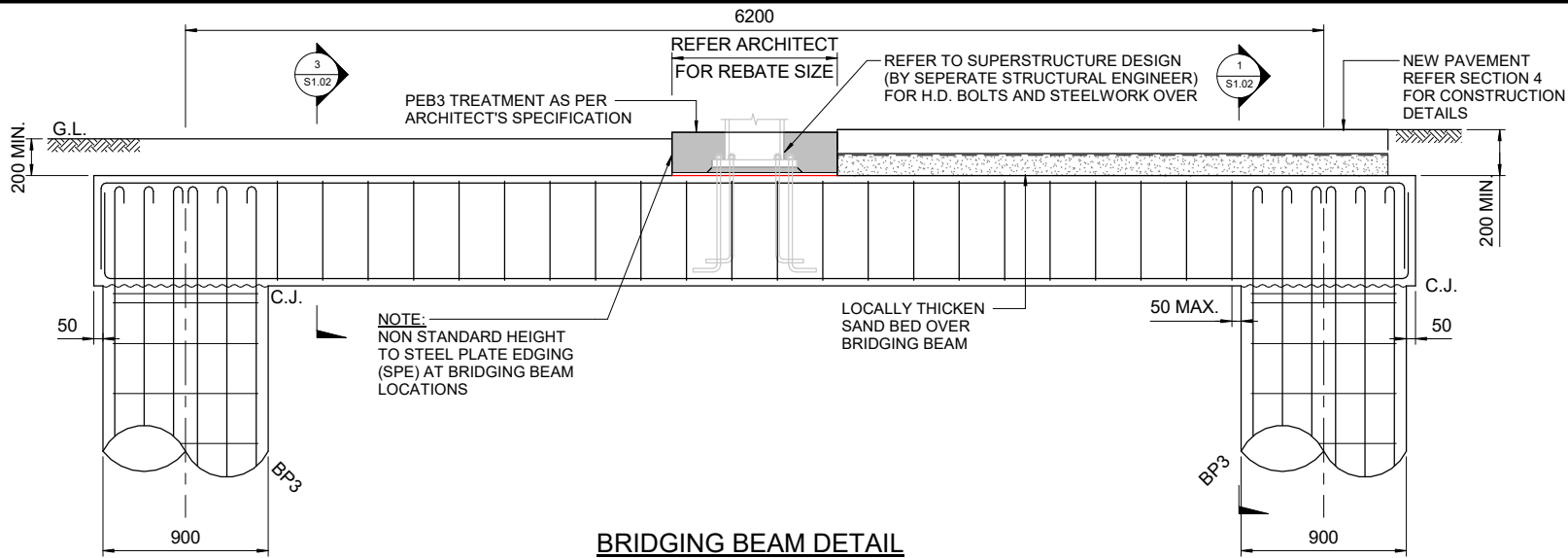


MARK	DEPTH
BP1	2300
BP2	3000

TYPICAL BP1/BP2 DETAIL

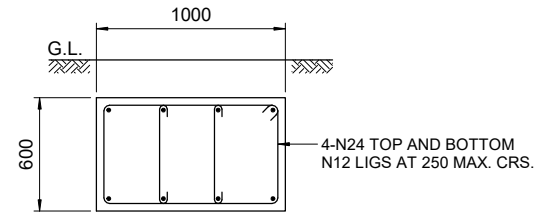
SCALE: 1 : 20

NOTE:
BP2 IS BASED ON A MAX. CANTILEVER
OF 3.2m FOR STEELWORK OVER



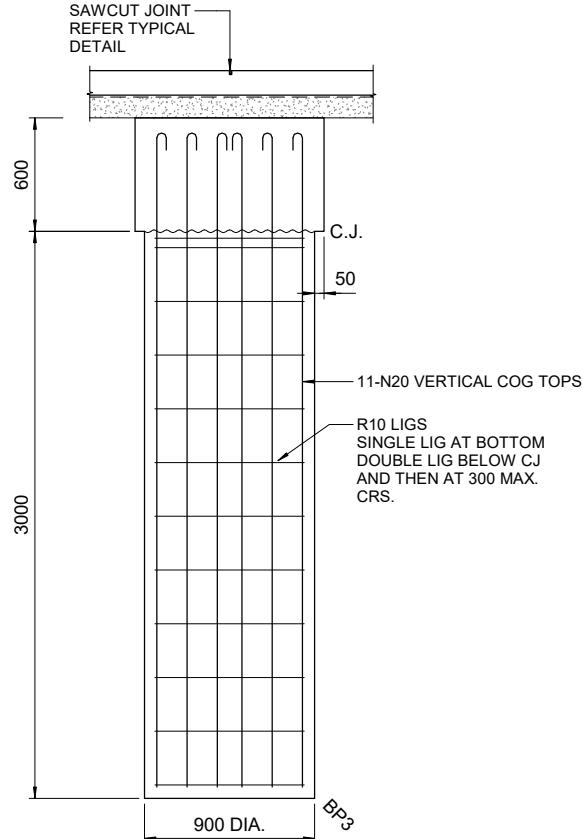
BRIDGING BEAM DETAIL

SCALE: 1 : 20



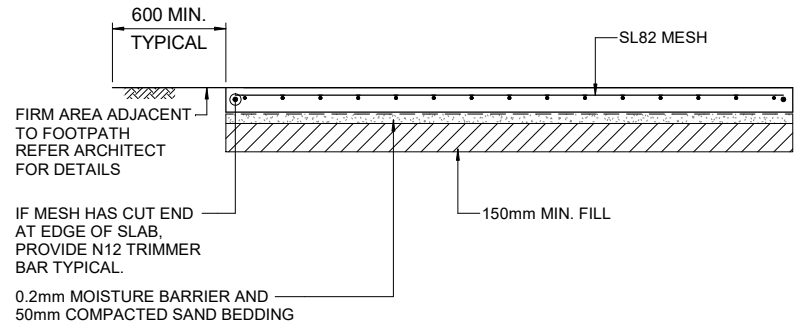
SECTION 3

SCALE: 1 : 20



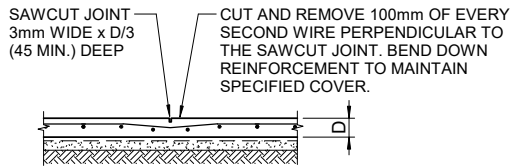
SECTION 1

SCALE: 1 : 20



SECTION 4

SCALE: 1 : 20

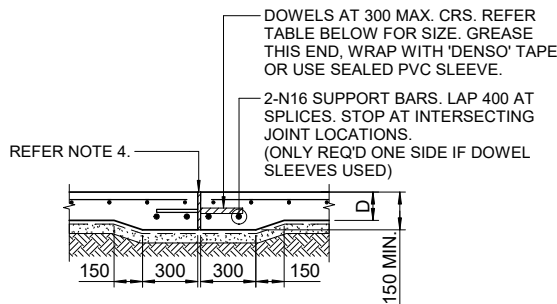


SAWCUT JOINT (S.J.)

SCALE 1:20

SAWCUT NOTES:

- SAWCUT TIMING TO SUIT CONCRETE MIX, CONCRETE PLACEMENT TECHNIQUE, ENVIRONMENTAL CONDITIONS AT POURING, CURING AND ABILITY OF SLABS TO SUPPORT SAW CUTTING EQUIPMENT. NOTWITHSTANDING THE ABOVE, ALL SAW CUTTING SHALL BE COMPLETED WITHIN 12 HOURS OF PLACING CONCRETE IF CONVENTIONAL CUTTING IS USED, IF SOFF CUT EQUIPMENT IS USED CUT IN ACCORDANCE WITH OPERATING MANUAL GUIDELINES BUT NO LATER THAN 2 HOURS AFTER PLACEMENT.
- WHERE SAWCUT CANNOT EXTEND TO FACE OF EXISTING STRUCTURES TROWEL THROUGH WET CONCRETE TO ENSURE NO AGGREGATE CROSSES THE JOINT.



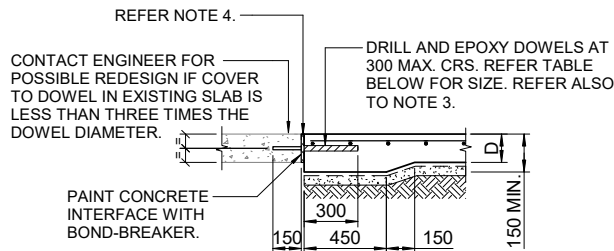
SLAB THICKNESS 'D' (mm)	DOWEL SIZE	DOWEL LENGTH (mm)
100	R12	300
130	R16	300

DOWELLED EXPANSION JOINT (D.E.J.)

SCALE 1:20

DOWEL NOTES:

- GALVANISE DOWELS IN EXTERNAL APPLICATIONS.
- DOWELS SHALL BE SQUARE CUT (NOT SHEARED) PLACED HORIZONTALLY AND SQUARE TO THE JOINT U.N.O. DOWELS IN SKEWED JOINT MUST BE ALIGNED PARALLEL TO THE DIRECTION OF THE LONGITUDINAL JOINT.
- PROVIDE 'DENSO' TAPE OR ALTERNATIVELY PROVIDE GREASE AND PVC SLEEVE TO EACH DOWEL ON ONE SIDE OF CONSTRUCTION JOINT. TAPE AND/OR GREASE TO EXTEND 25mm PAST CONCRETE INTERFACE ON NON-SLEEVED SIDE OF JOINT.
- 10 WIDE ABELFLEX AND 10x10 SILICONE SEALANT COMPLYING WITH TCC CITY PLAN TO SUIT PERMANENT SEALING.



SLAB THICKNESS 'D' (mm)	DOWEL SIZE	DOWEL LENGTH (mm)
100	R12	450
130	R16	450

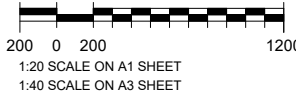
NEW - EXIST. DOWEL JOINT (D.E.J.2)

SCALE 1:20

DOWEL NOTES:

- GALVANISE DOWELS IN EXTERNAL APPLICATIONS.
- DOWELS SHALL BE SQUARE CUT (NOT SHEARED) PLACED HORIZONTALLY AND SQUARE TO THE JOINT U.N.O. DOWELS IN SKEWED JOINT MUST BE ALIGNED PARALLEL TO THE DIRECTION OF THE LONGITUDINAL JOINT.
- PROVIDE 'DENSO' TAPE OR ALTERNATIVELY PROVIDE GREASE AND PVC SLEEVE TO EACH DOWEL ON ONE SIDE OF CONSTRUCTION JOINT. TAPE AND/OR GREASE TO EXTEND 25mm PAST CONCRETE INTERFACE ON NON-SLEEVED SIDE OF JOINT.
- 10 WIDE ABELFLEX AND 10x10 SILICONE SEALANT COMPLYING WITH TCC CITY PLAN TO SUIT PERMANENT SEALING.

SAFETY IN DESIGN INFORMATION
THERE MAY BE ADDITIONAL
HAZARDS/RISKS NOT NORMALLY
ASSOCIATED WITH THE TYPES OF WORK
SHOWN ON THIS DRAWING. REFER TO
THE SAFETY IN DESIGN REPORT.



REV	DESCRIPTION	APP'D	DATE
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DRAWN JA	DESIGNED BS
APPROVED D.E.JOHNSTONE	DATE 21/02/23

CLIENT JAMES COOK UNIVERSITY
PROJECT UNIVERSITY MALL LINK
JAMES COOK UNIVERSITY, TOWNSVILLE CAMPUS
DRAWING DETAILS

JOB NUMBER JCUA041	SHEET No. S1.02	REVISION A
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