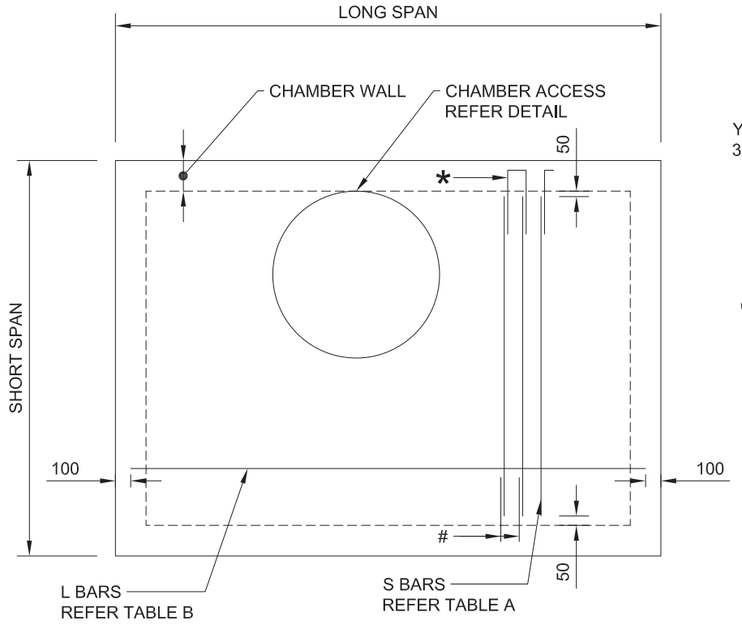
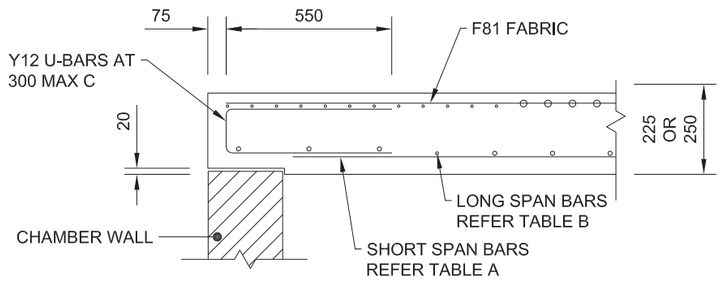
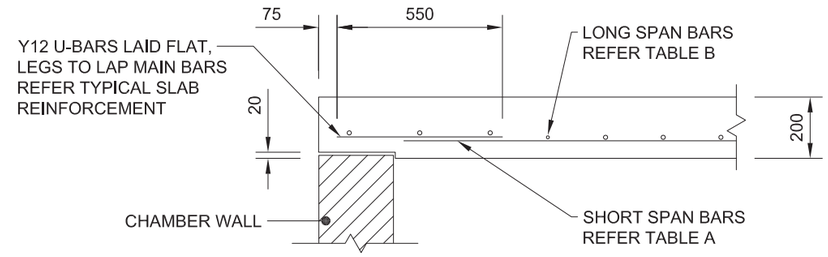


TYPICAL SLAB REINFORCEMENT

* 200MM THICK ROOF TYPICAL U-BARS TO SUIT BAR SPACING IN TABLE A

\# 225 AND 250 MM THICK ROOF TYPICAL U-BARS PLACED CENTRALLY

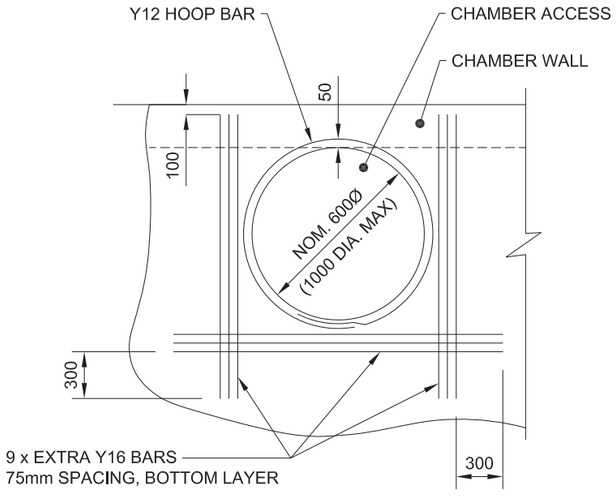




TYPICAL SECTIONS

SHORT SPAN \ LONG SPAN	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	SLAB DEPTH
1200	Y12 AT 150	Y16 AT 200	Y16 AT 200	Y16 AT 200	Y16 AT 175	Y16 AT 175	Y16 AT 175	Y16 AT 150	Y16 AT 150	Y16 AT 150	200
1400		Y12 AT 150	Y16 AT 200	Y16 AT 200	Y16 AT 175	Y16 AT 175	Y16 AT 175	Y16 AT 150	Y16 AT 150	Y16 AT 150	200
1600			Y12 AT 150	Y16 AT 200	Y16 AT 200	Y16 AT 175	Y16 AT 175	Y16 AT 150	Y16 AT 150	Y16 AT 150	200
1800				Y12 AT 150	Y16 AT 200	Y16 AT 200	Y16 AT 200	Y16 AT 175	Y16 AT 175	Y16 AT 175	225
2000					Y12 AT 150	Y16 AT 200	Y16 AT 200	Y16 AT 200	Y16 AT 175	Y16 AT 175	225
2200						Y12 AT 150	Y16 AT 200	Y16 AT 200	Y16 AT 175	Y16 AT 175	225
2400							Y16 AT 200	Y16 AT 200	Y16 AT 200	Y16 AT 175	225
2600								Y16 AT 200	Y16 AT 200	Y16 AT 175	250
2800									Y16 AT 200	Y16 AT 175	250
3000										Y16 AT 175	250

TABLE A : S BARS



SLAB REINFORCEMENT AROUND CHAMBER ACCESS

SHORT SPAN \ LONG SPAN	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	SLAB DEPTH
1200	Y12 AT 150	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	200
1400		Y12 AT 150	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	200
1600			Y12 AT 150	Y12 AT 150	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	200
1800				Y12 AT 150	Y12 AT 150	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	225
2000					Y12 AT 150	Y12 AT 150	Y12 AT 200	Y12 AT 200	Y12 AT 200	Y12 AT 200	225
2200						Y12 AT 150	Y12 AT 150	Y12 AT 150	Y12 AT 200	Y12 AT 200	225
2400							Y16 AT 200	Y12 AT 150	Y12 AT 150	Y16 AT 150	225
2600								Y16 AT 200	Y16 AT 200	Y16 AT 200	250
2800									Y16 AT 200	Y16 AT 200	250
3000										Y16 AT 175	250

TABLE B : L BARS

NOTES

1. CONCRETE N32/20 IN ACCORDANCE WITH AS 1379 AND AS 3600
2. REINFORCEMENT :- SL81 FABRIC TO AS 1304
   BARS Y12 AND Y16, GRADE 400 TO AS 1302
3. ALL LAPS IN REINFORCEMENT SHALL BE :- Y12 - 300, Y16 - 400
4. FORMWORK IN ACCORDANCE WITH AS 3610
5. DESIGNED TO AUSTROADS BRIDGE CODE, W7 WHEEL LOAD, DYNAMIC FACTOR 0.4
6. MAXIMUM FILL OVER ROOF SLAB SHALL BE 3000MM
7. REINFORCEMENT COVER 45 MIN
8. REFER PROJECT DRAWINGS FOR DETAILS OF CHAMBER WALLS AND FLOORS
9. FOR SECTIONS AT CHAMBER ACCESS REFER STANDARD DRAWING A3-03874
10. ALL DIMENSIONS IN MILLIMETRES UNO

C	03/18	MINOR MODIFICATIONS	Graeme Hawes
B	22/1/15	REVISED FORMAT AND TITLEBLOCK	
A		ORIGINAL ISSUE	
	DATE	DESCRIPTION	APPVD

AMENDMENTS AND REVISIONS

\STANDARD DRAWINGS\STORMWATER\A3-03877

SURVEY

SURVEY FILE No

LEVEL DATUM

MERIDIAN

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE 01/3/07

MANAGER TECHNICAL SERVICES

ORIGINAL SIGNED BY G. HAWES 26/7/07

G. HAWES RPEQ 5693 DATE

DIRECTOR
ENGINEERING AND
COMMERCIAL INFRASTRUCTURE

ORIGINAL SIGNED BY S. M. HOLLEY

JASON DEVITT

DATE 28/7/07

Mackay REGIONAL COUNCIL

STANDARD
ACCESS CHAMBER
ROOF SLAB RECTANGULAR
STANDARD REINFORCEMENT

SHEET 1 OF 1

WORKS JOB No.

DRAWING No. A3-03877

AMEND. C