



SITE PLAN
SCALE 1:200

HELIPAD COORDINATES

NUMBER	EASTING	NORTHING	DESCRIPTION
1	312270.848	8288080.450	HELIPAD CENTRE FSL28.88
2	312270.847	8288085.451	10.00mØ EDGE
3	312275.847	8288080.451	10.00mØ EDGE
4	312270.847	8288075.451	10.00mØ EDGE
5	312265.847	8288080.451	10.00mØ EDGE
6	312263.347	8288080.451	15.00mØ TLOF EDGE FSL28.73
7	312270.847	8288087.951	15.00mØ TLOF EDGE FSL28.73
8	312278.347	8288080.451	15.00mØ TLOF EDGE FSL28.73
9	312270.754	8288072.951	15.00mØ TLOF EDGE FSL28.73
10	312259.547	8288080.451	21.20mØ FATO EDGE FLUSH PATH EDGE FSL28.67
11	312270.847	8288091.051	21.20mØ FATO EDGE FSL28.67
12	312281.454	8288080.451	21.20mØ FATO EDGE FSL28.67
13	312270.848	8288069.845	21.20mØ FATO EDGE FSL28.67
14	312253.389	8288081.651	35.00mØ SAFETY AREA FLUSH PATH EDGE FSL28.46
15	312258.475	8288092.826	35.00mØ SAFETY AREA FSL28.46
16	312270.848	8288097.951	35.00mØ SAFETY AREA FSL28.46
17	312283.222	8288092.826	35.00mØ SAFETY AREA FSL28.46
18	312288.348	8288080.451	35.00mØ SAFETY AREA FSL28.46
19	312283.222	8288068.077	35.00mØ SAFETY AREA FSL28.46
20	312270.847	8288062.951	35.00mØ SAFETY AREA FSL28.32, SPOON DRAIN IL28.25
21	312258.475	8288068.077	35.00mØ SAFETY AREA FSL28.41, SPOON DRAIN IL28.34
22	312253.389	8288079.251	35.00mØ SAFETY AREA FLUSH PATH EDGE FSL28.48
23	312221.070	8288081.651	PATH EDGE
24	312223.104	8288079.251	PATH CORNER
25	312217.218	8288058.458	PATH CORNER
26	312209.312	8288059.708	PATH EDGE
27	312218.775	8288053.183	PATH EDGE
28	312263.625	8288103.187	BOX CHANNEL ENTRY IL27.50
29	312283.625	8288103.070	BOX CHANNEL EXIT IL26.95
30	312253.069	8288079.251	SPOON DRAIN ENTRY IL28.43
31	312275.396	8288062.631	SPOON DRAIN EXIT IL28.22

NB: REFER TO DRAWING C00.01 FOR BENCHMARK COORDINATES

LEGEND

- NEW CONCRETE HELIPAD. 250mm THICK CONCRETE PAVEMENT WITH 2 LAYERS OF SL92 FABRIC LAPPED ONE FULL SQUARE PLUS 25mm (50mm COVER TOP AND BOTTOM). 250mm SUB-BASE MATERIAL UNDER PAVEMENT. CONCRETE FINISH TO BE STEEL TROWELLED AND DRAW A MOISTENED NYLON BROOM ACROSS THE SURFACE TO PRODUCE AN ANTI-SLIP TEXTURE. REFER DRAWING C01.04 FOR HELIPAD DIMENSIONS AND LINE MARKINGS.
- EXTENT OF CONCRETE PATH. REFER TO DRAWING C06.05 FOR DETAILS.
- EXTENT OF SAFETY AREA TO BE TURF REFER TO DRAWING C00.01 FOR TURF NOTES.
- EXISTING TREES TO BE REMOVE FROM SITE INCLUDING ROOTS AND EXISTING TREE LINE ON THE EASTERN SIDE OF THE HELIPAD TO BE RELOCATED TO THE EASTERN SIDE OF THE EXISTING SWALE 'EARTH' DRAIN REFER DRAWING 60093/CD/C06.02 FOR EXTENT OF TREES AND REGROWTHS REMOVAL.
- FINISHED SURFACE LEVEL. GRADE EVENLY BETWEEN FSL'S
- FATO MARKER. REFER TO DRAWING C06.04 NOTE FOR DETAILED INFORMATION.
- JOIN NEW SURFACE SMOOTHLY TO EXISTING
- INVERT LEVEL
- CONCRETE SPOON DRAIN 640mm WIDE. GRADE EVENLY BETWEEN INVERT LEVELS. REFER TO DRAWING C06.05 FOR DETAILS.
- CONCRETE BOX CHANNEL. GRADE EVENLY BETWEEN INVERT LEVELS. REFER TO DRAWING C06.05 FOR DETAILS.
- DENOTES OVERLAND FLOW PATH. GRADE EVENLY BETWEEN LEVELS SHOWN.
- SETOUT COORDINATE MARKER

GENERAL NOTE:

1. GAS TANKS TO BE BY OTHERS.
2. WIND SOCK TO BE RELOCATED IN CONJUNCTION WITH OPERATIONS PERSONNEL.
3. PROVIDE A 'SIGN' ON THE FENCE WARNING OF THE LOCATION OF HELIPAD ON THE HOSPITAL SITE.

CONCRETE NOTES:

STANDARD: TO AS 3600-2001.

EXPOSURE CLASSIFICATION:

ELEMENT	CLASSIFICATION
HELIPAD	B1
PATHWAY	B1

UNLESS NOTED OTHERWISE:

ELEMENT	CLASS & GRADE OF CONCRETE	CLEAR COVER TO REINFORCEMENT
HELIPAD	N40	40mm
PATHWAY	N32	40mm

REINFORCEMENT LEGEND:

PREFIX	DESCRIPTION	YIELD STRENGTH
N	DEFORMED BARS	500MPa
S	DEFORMED BARS	250MPa
R	PLAIN ROUND	250MPa
SL	FABRIC	500MPa

MAXIMUM AGGREGATE SIZE 20mm
SLUMP 80mm

TESTING:
USE PROJECT ASSESSMENT AS PER SPECIFICATION

REINFORCEMENT LAPS (UNO)

N12	500mm
N16	650mm
N20	800mm

FABRIC LAPS:
OVERLAP 2 CROSS WIRES + 50mm ON BOTH SHEETS

DESIGN PARAMETERS:

CONCRETE STRENGTH (f'c) - TO AS3600

HELIPAD	40 MPa
PATHWAYS	32 MPa

BARCODE

N

AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
*	13.10.11		

DRAWING INDEX SYSTEM
FOR PROJECT SERVICES - LOGISTICS USE ONLY

<input type="checkbox"/> BUILDING PLATFORM	<input type="checkbox"/> SEWERAGE PLANS
<input type="checkbox"/> CARPARK	<input type="checkbox"/> SPORTS FACILITIES
<input type="checkbox"/> COURTS	<input type="checkbox"/> STANDARDS
<input type="checkbox"/> EARTHWORKS	<input type="checkbox"/> STORMWATER PLANS
<input type="checkbox"/> OTHER	<input type="checkbox"/> SURVEY PLAN
<input type="checkbox"/> RETAINING WALLS	<input type="checkbox"/> WATER RETICULATION SITE PLAN
<input type="checkbox"/> ROADWORKS/ACCESS ROADS	<input type="checkbox"/> WATER RETICULATION

Queensland Government

CONSULTANT

Project Services
Department of Public Works
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EA	DRAFTING CHECK
EA	DESIGN VERIFICATION
J. LAWRENCE	13.10.2011
J. LAWRENCE	13.10.2011

COOKTOWN HOSPITAL

HELIPAD UPGRADE

CIVIL WORKS
HELIPAD PLAN

SCALE AS SHOWN AT A1 SIZE

MASTER SITE NUMBER 26449	CLIENT REFERENCE NUMBER
DRAWING NUMBER 60093 / CD / C06.01	ISSUE SHEET NO *