

**NOTES FOR FLEXIBLE CONNECTIONS**

1. INSTALLATION OF SEWER PIPES SHALL COMPLY WITH AS2870:2011 AND TO ACCOMMODATE THE EXISTING STRUCTURE.
2. EXPANSION JOINTS SHALL BE USED AROUND ALL PIPE PENETRATIONS THROUGH FOOTINGS.
3. PROVIDE FLEXIBLE JOINTS TO VERTICAL PIPE DROPPERS AS PER MANUFACTURER DETAILS.
4. EXPANSION JOINT & SWIVEL JOINT TO BE FITTED TO SEWER EVERY 6M & AT INTERFACE WITH BETWEEN STRUCTURAL SLABS AND PAVEMENT SLAB.
5. DRAINS ATTACHED TO OR EMERGING FROM UNDERNEATH THE FOOTING SHALL INCORPORATE FLEXIBLE JOINTS IMMEDIATELY OUTSIDE THE FOOTING AND CORNERING WITHIN 1M OF THE BUILDING PERIMETER TO ACCOMMODATE A TOTAL RANGE OF DIFFERENTIAL MOVEMENT IN ANY DIRECTION.

DODD HOUSE

CONTACT PAUL AT STORM PLASTICS - 0414 761 881

**NOTE**  
THE LOCATION OF ALL EXISTING SERVICES INDICATED ON THESE PLANS ARE APPROXIMATE ONLY. NO PROVING OF THESE SERVICES HAS BEEN UNDERTAKEN. THE EXACT LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES ARE TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.

**NOTE**  
REFER TO CIVIL ENGINEER'S DRAWINGS FOR CONTINUATION OF ALL DOWNPIPES AND RAINOFFS TO LEGAL POINT OF DISCHARGE. ALL RAINOFFS ON GROUND FLOOR TO BE DOCUMENTED BY CIVIL ENGINEER

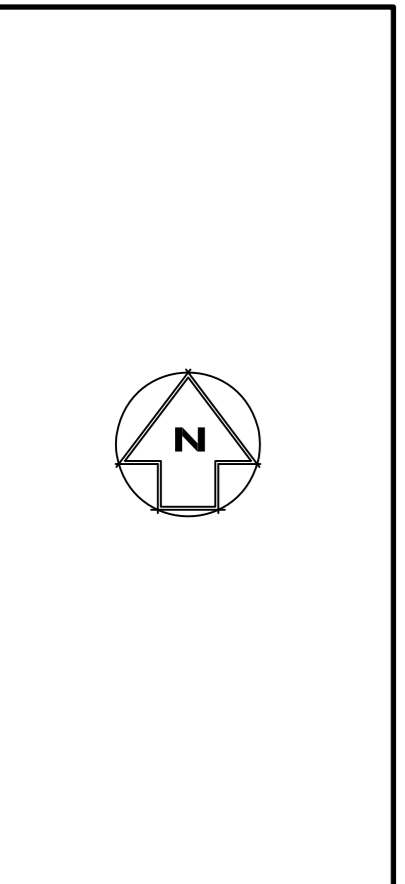
**NOTE**  
SERVICE YARD TO ALLOW ADEQUATE ROOM FOR GREASE TRAP

**NOTE**  
ALLOW TO SAW CUT SLAB AS REQUIRED

**NOTE**  
HYDRAULIC CONTRACTOR TO LOCATE AND CONFIRM THE DEPTH OF THE EXISTING SEWER PRIOR TO THE COMMENCEMENT OF ANY WORKS

**NOT FOR CONSTRUCTION**

REV. NO.	A	REVISED TENDER ISSUE	18.10.18	REV. NO.	
	Ø	TENDER ISSUE	12.10.18	AMENDMENT	
	P1	PRELIMINARY ISSUE	22.08.18	DATE	



ARCHITECT:

**CARTMAN DESIGNS**

SUITES 102 EXPERIENCE BUSINESS CENTRE  
102/103 SOUTH STREET  
PERTH WA 6000  
PH: (08) 9438 5400  
F: (08) 9438 5400  
EMAIL: info@cartmandesign.com.au

**NJMdesign**  
consulting engineers

NJM Design Pty Ltd  
Level 12, 461 Bourke St, Melbourne, VIC 3000  
Tel: (03) 9600 4400  
Fax: (03) 9600 4170  
Email: nja@njmdesign.com.au  
Internet: www.njmdesign.com.au

PROJECT:  
SHIRE OF DUNDAS WOODLANDS CULTURAL COMMUNITY AND VISITORS CENTRE PROJECT  
80 PRINSEP STREET, NORSEMAN WA 6443  
FOR:  
CARTMAN WA PTY, LTD

WORK STAGE:	TENDER
DATE:	AUGUST 2018
DESIGNED/DRAWN:	JLRBT
SCALE:	1:100 @ A1

TITLE:	HYDRAULICS SERVICES
PROJECT NO.:	5460
DRAWING NO.:	H02
N.O. OF SHEETS	2 of 4
REVISION:	A