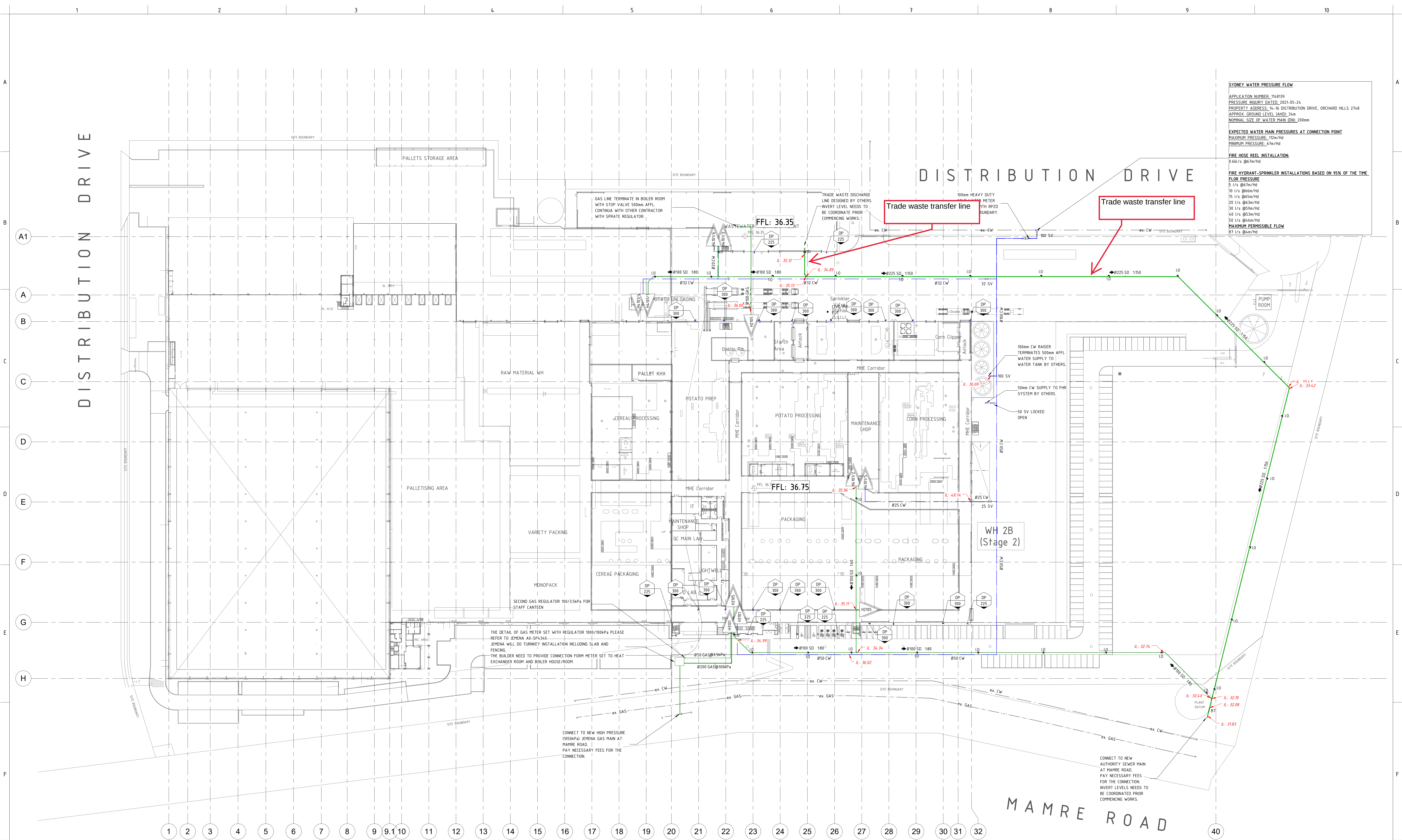




SYDNEY WATER PRESSURE FLOW
APPLICATION NUMBER: 1164139
PRESSURE INQUIRY DATED: 2021-05-24
PROPERTY ADDRESS: 14-16 DISTRIBUTION DRIVE, ORCHARD HILLS 2748
APPROX. GROUND LEVEL (AHD): 34m
NOMINAL SIZE OF WATER MAIN (DN): 200mm

EXPECTED WATER MAIN PRESSURES AT CONNECTION POINT
MAXIMUM PRESSURE: 12m/Hd
MINIMUM PRESSURE: 6m/Hd

FIRE HOSE REEL INSTALLATION:
0.66l/s @6m/Hd

FIRE HYDRANT-SPRINKLER INSTALLATIONS BASED ON 95% OF THE TIME
FLOOR PRESSURE
5 l/s @6m/Hd
10 l/s @6m/Hd
15 l/s @6m/Hd
20 l/s @6m/Hd
30 l/s @6m/Hd
40 l/s @6m/Hd
50 l/s @6m/Hd
MAXIMUM PERMISSIBLE FLOW
87 l/s @4m/Hd

PROPOSED SITE PLAN DATE: 23/07/21
DRAWING TO BE USED IN CONNECTION WITH THE PROPOSED DEVELOPMENT.
THE PROPERTY OF SPARKS+PARTNERS CONSULTING ENGINEERS (Pty) Ltd. IS HEREBY CONFIRMED.
THE CLIENT'S RESPONSIBILITY IS TO PROVIDE ALL NECESSARY INFORMATION AND DATA TO THE ENGINEER.

DATE: 16/07/21
AMENDMENT: 1
INIT: JC
REV: 1
DATE: 23/07/21
AMENDMENT: 2
INIT: LS
REV: 2

DATE: 16/07/21
AMENDMENT: 1
INIT: JC
REV: 1
DATE: 23/07/21
AMENDMENT: 2
INIT: LS
REV: 2

STRUCTURAL
MECHANICAL
ELECTRICAL
CIVIL

CLIENT
snackbrands AUSTRALIA

PROJECT
SNACK BRANDS HORIZON
685-649 MAMRE ROAD
ORCHARD HILLS, NSW 2748

ARCHITECT
hla architects

ENGINEER
SPARKS+PARTNERS CONSULTING ENGINEERS
HYDRAULIC / CIVIL / FIRE
Level 1, 91 George Street | Paramatta | NSW 2150
P 02 9891 5033 | E admin@sparksandpartners.com.au

DATE: JUNE 2020
PROJECT No: 21141
SCALE: 1 : 500
SIZE: A0
DRAWING No: H2101

DATE: 16/07/21
DESIGNED: JC
CHECKED: VS
REVISION: 2