

File Ref. No: BFS17/2286
 TRIM Doc. No: D17/69407
 Contact: Mark Castelli

28 September 2017

Sell and Parker
 C/- Catherine Maddox
 Property & Development Manager
 11 Meadow Way
 BANKSMEADOW NSW 2019

E: catherinem@sellparker.com.au

Dear Ms Parker

**Kings Park Metal Recycling Facility
 23-43 and 45 Tattersall Road, Kings Park (SSD 5041)
 Revised Fire Water Tank Location**

I refer to the above facility and matter. In accordance with your application Fire & Rescue NSW (FRNSW) have reviewed the submitted documents relating to the revised firewater tanks' locations and associated infrastructure.

The purpose of our review was to assess the operational suitability of the revised fire water tanks' locations, fire pumpsets' location, booster infrastructure location and configuration with respect to potential firefighting operations.

The following documents were submitted:

- Drawing of Combined Site Plan, DWG No. FH-01, Revision P4.
- Site elevation drawings, titled Site Elevations, DWG No. FH-03, Revision P2.
- Drawing titled Landscape Masterplan, DWG No.101, Issue J.
- Drawing titled Building 'C', DWG No. FS-06, Revision A.
- Drawing titled Index Notes and Legend, Warehouse 'C', DWG No. SA-00, Revision A.
- Drawing titled Building 'C', DWG No. SA-01, Revision A.
- Drawing titled Building 'C', DWG No. SA-02, Revision A.
- Drawing titled Building 'C', DWG No. SA-03, Revision A.

Fire & Rescue NSW	ABN 12 593 473 110	www.fire.nsw.gov.au
Community Safety Directorate Fire Safety Assessment Unit	Locked Bag 12, Greenacre NSW 2190	T (02) 9742 7434 F (02) 9742 7483



Based upon our review we advise that in relation to the fire water tanks, pumpsets and fire system boosters, the proposed revised locations, as documented in the submitted drawings, meet FRNSW requirements.

In relation to the sprinkler and smoke detection system designs proposed for Building 'C', please be advised that FRNSW will be satisfied with the subject systems on the proviso that the design and installation of the subject systems comply with all applicable requirements of Volume One of the National Construction Code and the relevant Australian Standards referenced therein.

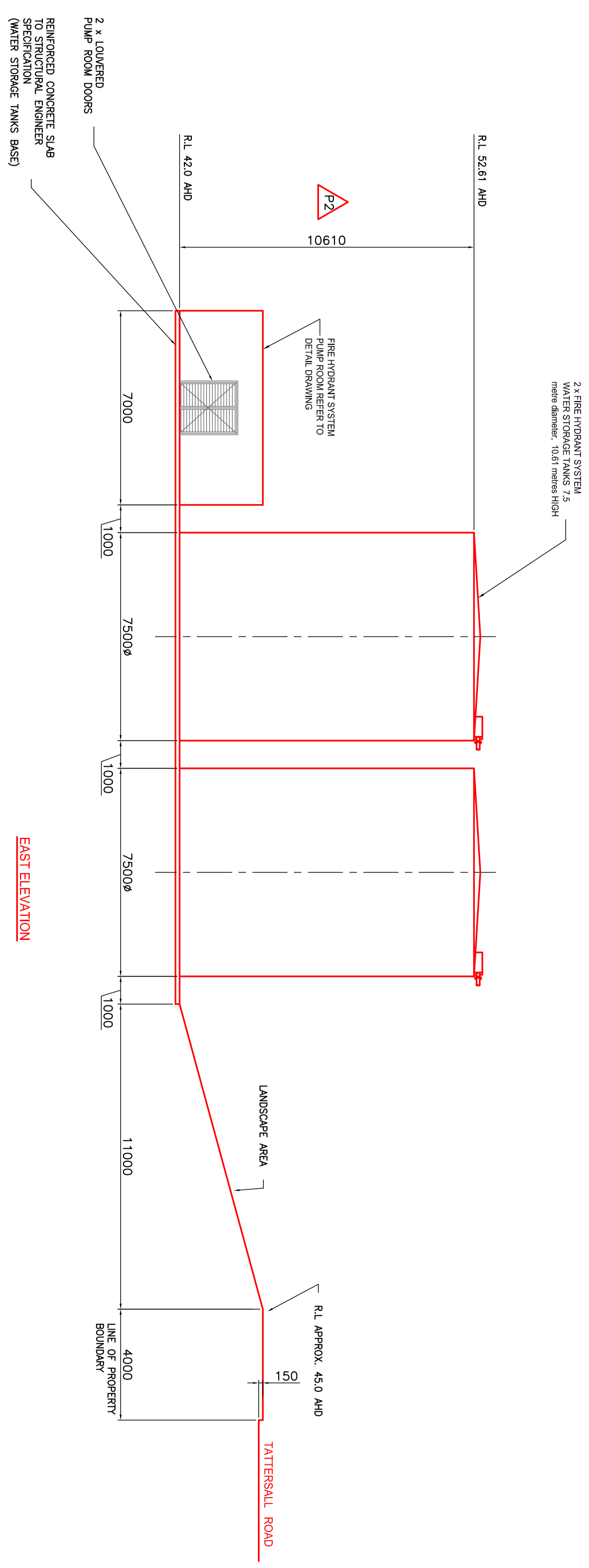
Your advice regarding the need to revise the current 'Transitional Fire Risk Management and Implementation Plan' (the Plan) is noted. Regarding the Plan, you would be aware that FRNSW provided conditional endorsement of the Plan to the NSW Department of Planning & Environment. Our position in respect to those conditions remains unchanged. Therefore, any revision of the Plan should address the conditions previously imposed.

For further information please contact Mark Castelli of the Fire Safety Assessment Unit, referencing FRNSW file number BFS17/2286. Please ensure that all correspondence in relation to this matter is submitted electronically to firesafety@fire.nsw.gov.au.

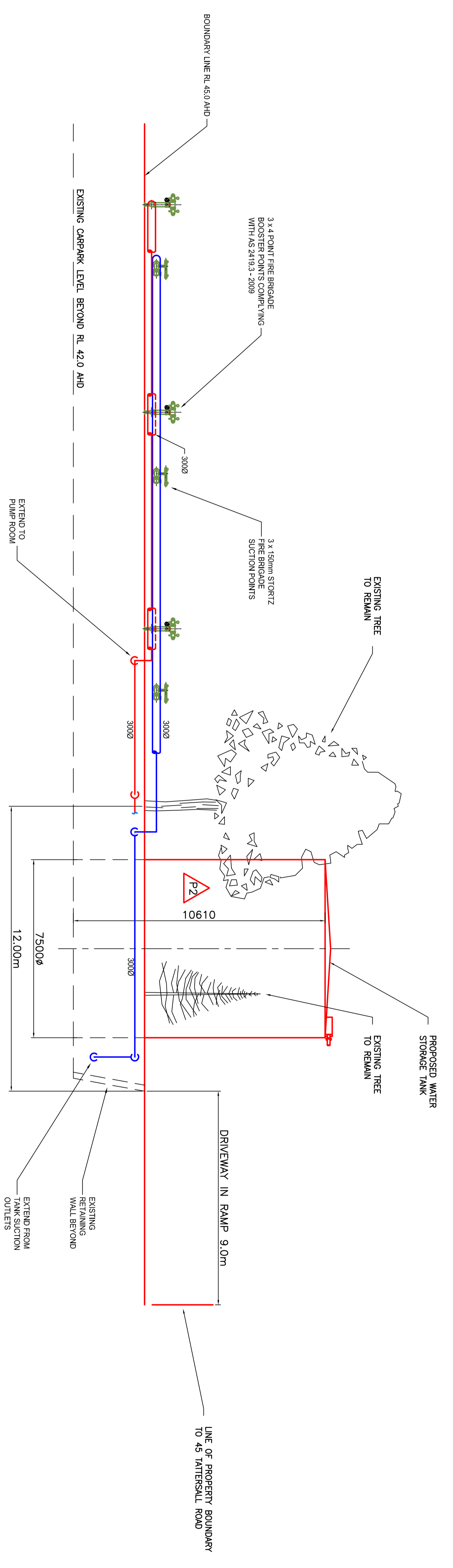
Yours Sincerely

A handwritten signature in black ink, appearing to read 'Rory Fegan', written over a circular stamp or seal.

Station Officer Rory Fegan
Team Leader
Fire Safety Assessment Unit



EAST ELEVATION



NORTH ELEVATION

www.dialbeforeyoudig.com.au

DIAL 1100

BEFORE YOU DIG

NO.	REVISION	DESCRIPTION	DATE	BY	APPROVED BY
P2		TANKS HEIGHT OF 10.61m MAX 10.16m	23.09.17	M.H.	23.09.17
P1		FOR APPROVAL	22.09.17	M.H.	22.09.17
REV.					

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NO.	REVISION	DESCRIPTION	DATE	BY	APPROVED BY

NO.	REVISION	DESCRIPTION	DATE	BY	APPROVED BY

CLIENT: **DEVON SELL & PARKER**
23-45 TATTERSALL ROAD
KINGS PARK NSW 2148

M.J. HARVEY & ASSOCIATES PTY LTD
HYDRAULIC & FIRE PROTECTION ENGINEERS
4 G.N. 067 299 836
10/15 GIBBER WOODEN DRIVE, KINGS PARK NSW 2148
Phone (02) 9756 5579 Fax (02) 97565641

PROJECT	TITLE	DRAWN	DATE
COMMERCIAL INDUSTRIAL BUILDINGS	SITE ELEVATIONS	M.H.	22.09.17
23-43 + 45 Tattersall Road, KINGS PARK NSW 2148	FIRE HYDRANT & WATER CANNON SYSTEMS	M.H.	18.09.17

PROJECT NO.	SCALE	PROJECT NO.	DATE	REV. I	DATE
B1	1:100	14 023	16-001	P2	16-03

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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.


J	LEC Amendments	JD	NM	22.09.2017
I	Revised carpark	JD	NM	15.05.2017
H	Revised for Fire Services	JW	NM	13.07.2017
G	Updated boundaryplanting	SM	NM	31.01.2017
F	Updated boundaryplanting	JD	NM	10.11.2016
E	Revised Planting	JD	NM	18.10.2016
D	Construction certificate	SM	NM	04.10.2016
C	Construction certificate	JD	NM	23.03.2016
B	General Revisions	JW	NM	17.03.2016
A	For Comment	JW	NM	12.02.2016
Issue	Revision Description	Drawn	Check	Date

LEGEND

	Site Boundary
	Existing vegetation to be retained, with additional interplanted vegetation
	Turf
	Existing tree to be removed
	Existing tree to be retained
	Proposed tree planting

Proposed suction points

Key Plan:



Client:
Sell and Parker Pty Ltd

Project:
Proposed Alterations to Existing Recycling Center
23 & 45 Tattersal Rd, Kings Park

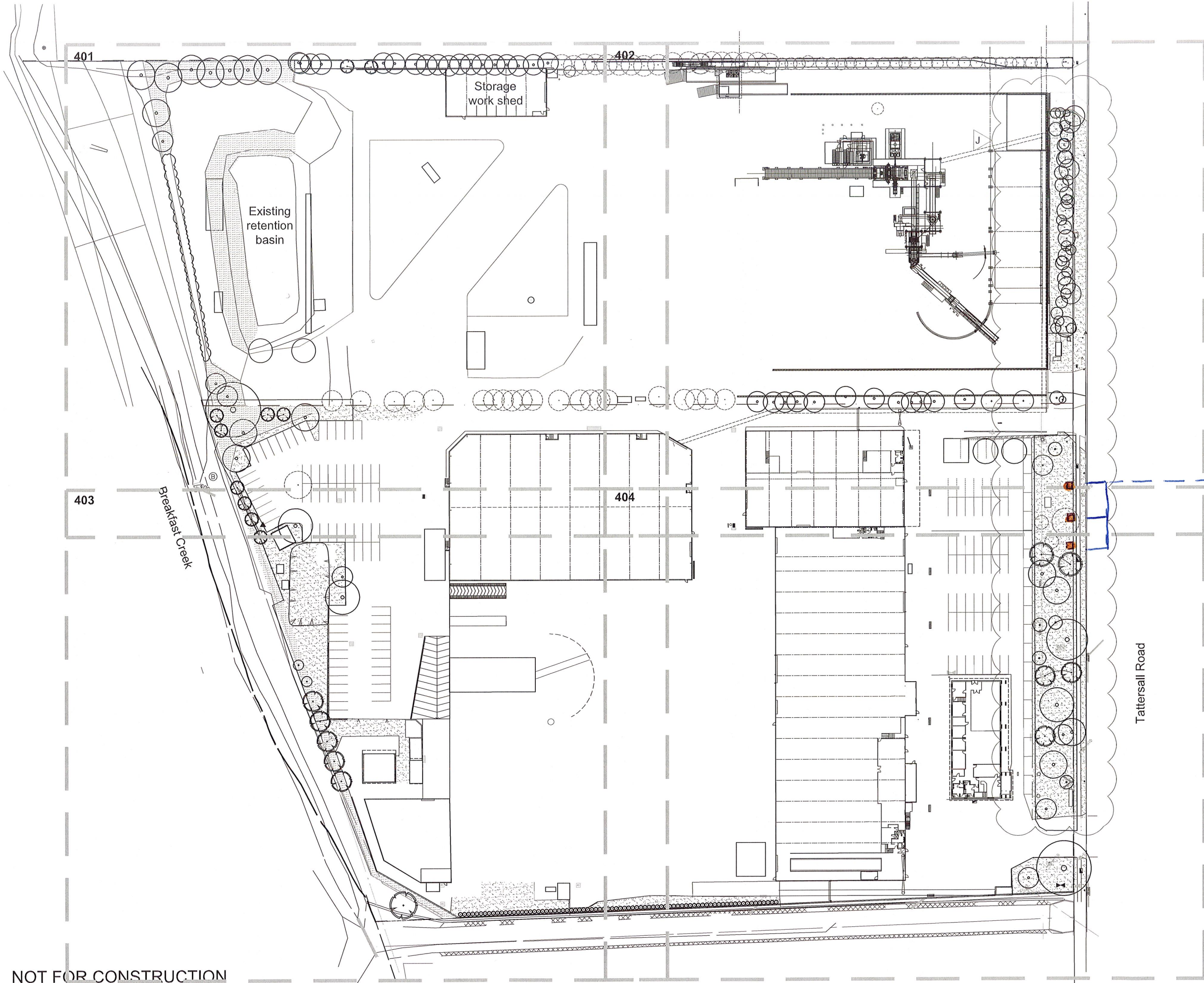
SITE IMAGE
Landscape Architects

Level 1, 3-5 Baptist Street
Redfern NSW 2016
Australia
Tel: (61 2) 8332 5600
Fax: (61 2) 9698 2877
www.siteimage.com.au
Site Image (NSW) Pty Ltd
ABN 44 801 262 380

CONSTRUCTION CERTIFICATE

Drawing Name:
Landscape Masterplan

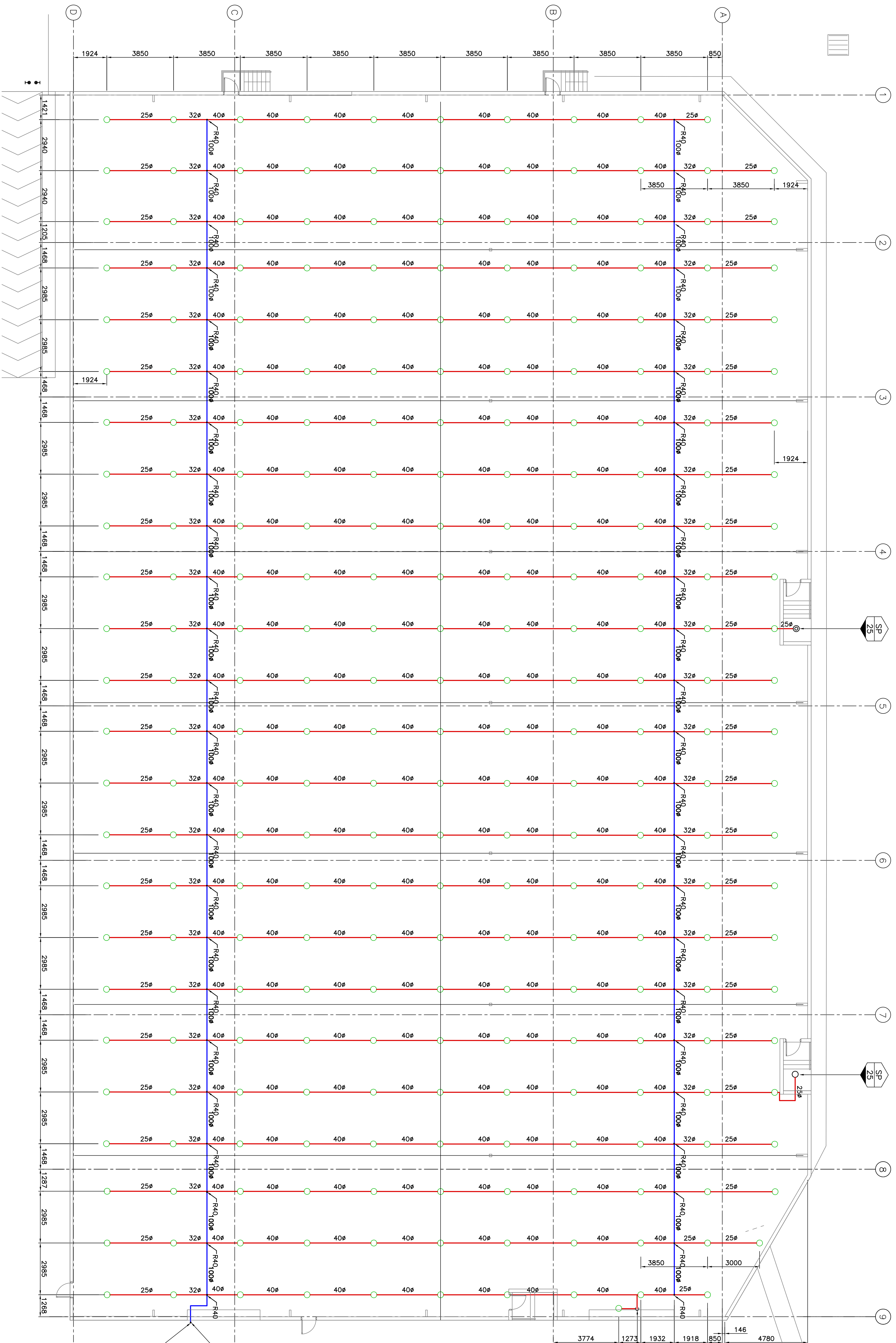
Scale: 1:500 @ A1
Job Number: SS15-3178
Drawing Number: 101
Issue: J



NOT FOR CONSTRUCTION

DESIGN DATA

ORDINARY HAZARD 3-5mm/min OVER 216m ²	
MIN. OPERATING PRESSURE	170 kPa
MIN. OPERATING PRESSURE	140 kPa
FLOW RATE	1,100 L/min
	1,350 L/min



NOTE THIS BUILDING IS SOUTH OF BUILDING 'A'

ALLOW TO CONNECT TO 150mm ROLL GROOVE FITTING TO GROUND LEVEL. PROVIDED BY OTHERS.

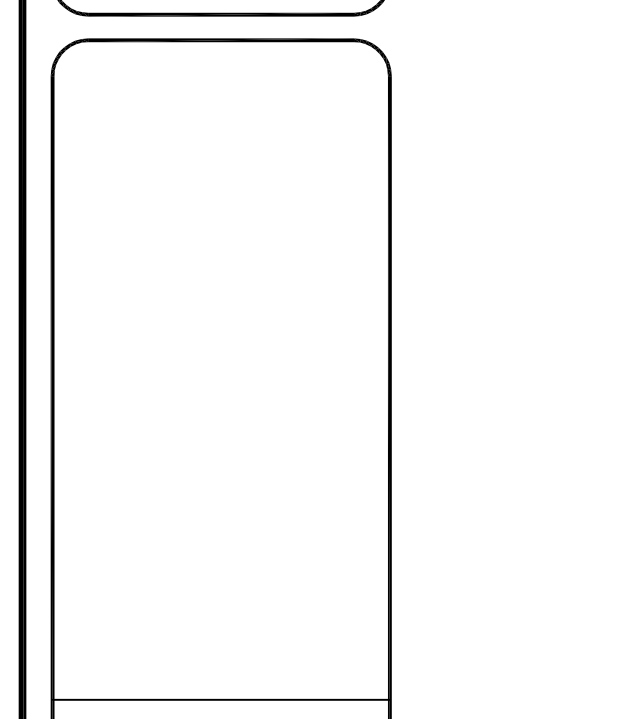
www.dialbeforeyoudig.com.au
DIAL 1100
 BEFORE YOU DIG

NO.	DATE	DESCRIPTION
1	27.06.16	ISSUED FOR CLIENT REVIEW
2	29.03.16	ISSUED BY
3	08.06.16	APPROVED BY

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DATE	DATE	DATE	DATE
29.03.16	27.06.16	08.06.16	27.06.16
ISSUED BY	DESIGN CHECK	DESIGN CHECK	APPROVED
M.H.	M.H.	M.H.	M.H.



CLIENT	DEKON SELL & PARKER 23-45 TATTERSALL ROAD KINGS PARK NSW 2148
DESIGNER	M.J. HARVEY & ASSOCIATES PTY. LTD. HYDRAULIC & CIVIL ENGINEERS P.O. BOX 6389 WETHERILL PARK 2164 Phone: (02) 5759 5539 Fax: (02) 5759 5541

PROJECT	PROPOSED FIRE SAFETY UPGRADE
TITLE	45 Central Road BUILDING 'C' AUTOMATIC FIRE SPRINKLER SYSTEM WAREHOUSE 'C' - POST SHREDDER PROCESSING AREA
DRAWN BY	SCALE
B1	1:100

DESIGN CERTIFICATION
 Michael File - The design of this proposed automatic fire sprinkler system described in this application will meet the relevant requirements of the Building Code of Australia and Australian Standard AS2118.1:1999
 Signature: MICHAEL FILE
 Print Name: MICHAEL HARVEY & ASSOCIATES PTY. LTD.

DRAWING INDEX

- SA-00 - DRAWING INDEX, NOTES & LEGEND
- SA-01 - BUILDING C, SMOKE DETECTION SYSTEM, WAREHOUSE 'C' - FLOC PROCESSING
- SA-02 - BUILDING C, SMOKE DETECTION SYSTEM, WAREHOUSE 'C' - FLOC PROCESSING
- SA-03 - BUILDING C, SMOKE DETECTION SYSTEM, WAREHOUSE 'C' - ELEVATION - FLOC PROCESSING

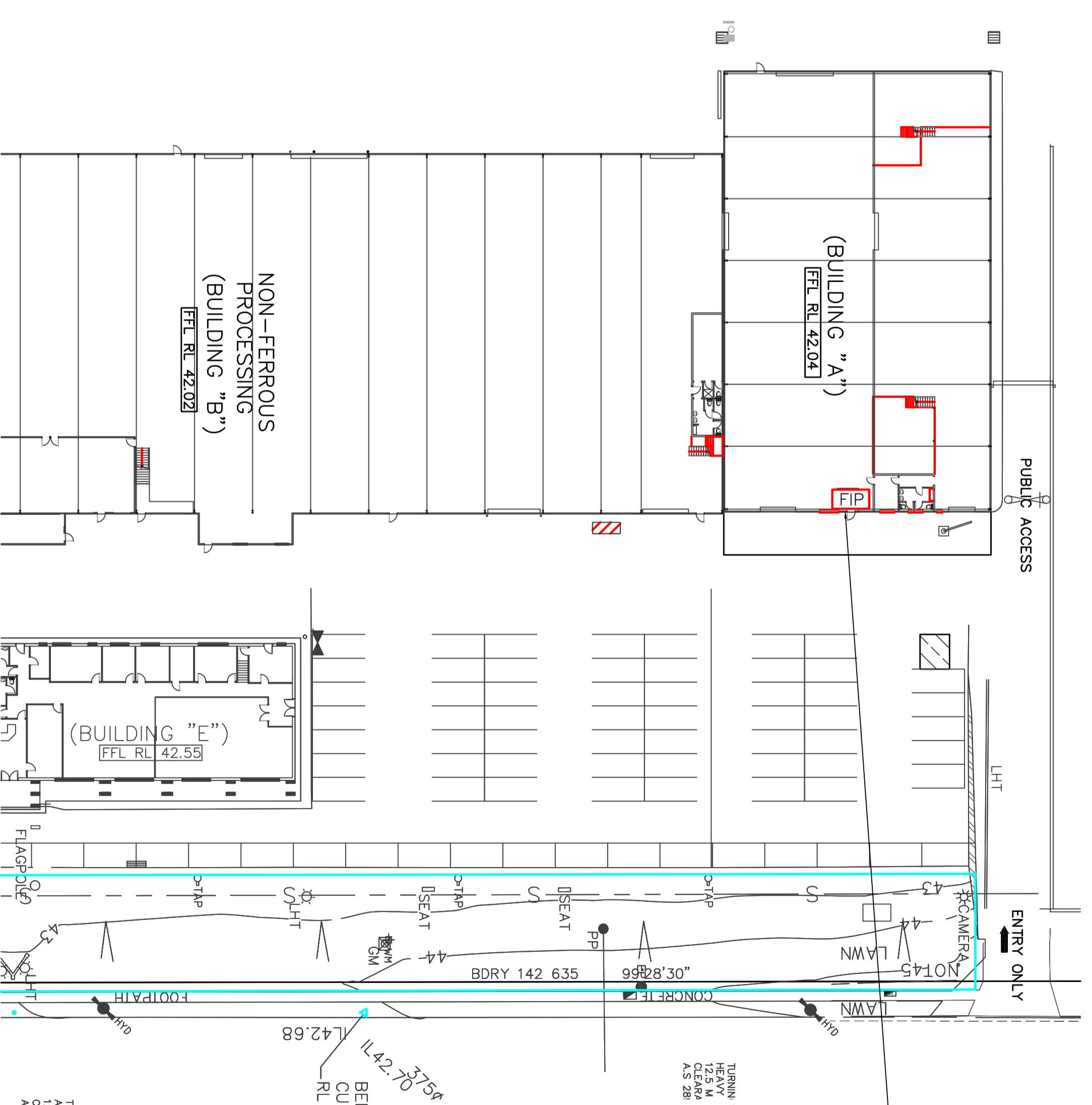
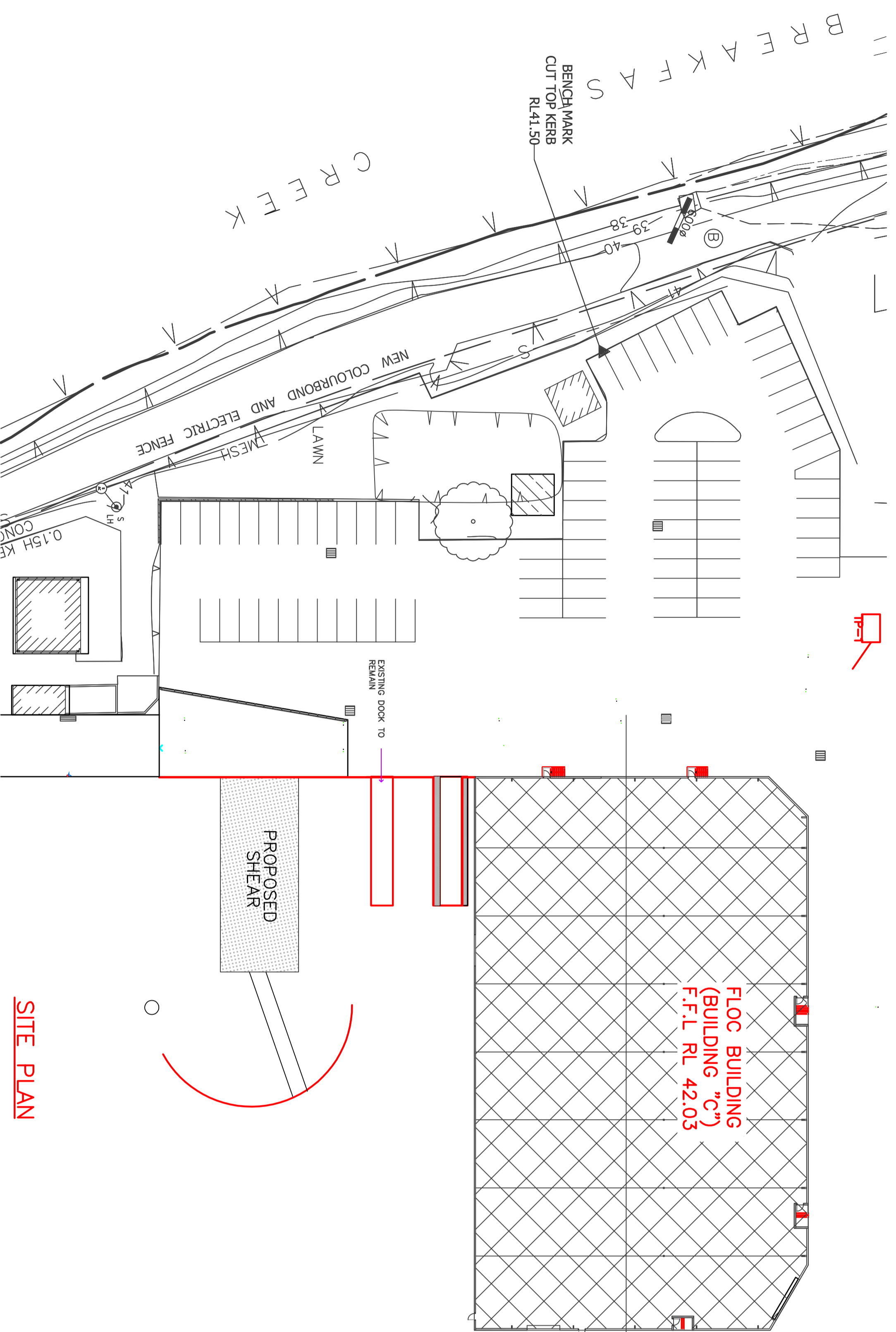
NOTES

1. LOCATION OF DETECTORS AND SPEAKERS IS DIAGRAMMATIC ONLY. EXACT LOCATION IS TO BE DETERMINED ON SITE
2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS
3. ALL EQUIPMENT SHALL BE IN ACCORDANCE WITH LATEST EDITION OF AUSTRALIAN STANDARD AS 1603 - FIRE DETECTOR AND ALARM SYSTEMS AND SSL APPROVED
4. INSTALLATION OF THE FIRE AND SMOKE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS 1670 - 2005, AUTOMATIC DETECTOR AND ALARM SYSTEMS - DESIGN INSTALLATION AND COMMISSIONING
5. ALLOW TO CONNECT NEW SUB. INDICATOR PANEL (SIP) TO EXISTING FIRE INDICATOR PANEL (FIP) LOCATED IN BUILDING A REFER TO BLOCK PLAN BELOW
6. THE SUB. INDICATOR PANEL SHALL BE EQUAL IN ALL RESPECTS TO A VIGILANT MODEL FOR EIGHT ZONE PANEL
7. ALLOW TO PROGRAM SIP WITH MAXIMUM ALARM DELAY TO PREVENT SPURIOUS ALARMS
8. THE CONTRACTOR SHALL PROVIDE A MAINTENANCE MANUAL AND AS INSTALLED DRAWINGS INDICATING THE LOCATION OF ALL DETECTORS, EQUIPMENT, DEVICES AND CABLE RUNS.
9. THE CONTRACTOR SHALL PROVIDE AN OPERATION HAND BOOK AND MAINTENANCE LOGBOOK ON COMPLETION OF THE PROJECT
10. ON COMPLETION OF THE WORKS THE SYSTEM SHALL BE TESTED AND COMMISSIONED IN ACCORDANCE WITH AUSTRALIAN STANDARD AS 1670 - 1994 AND AN INSTALLERS STATEMENT FORM 15 ISSUED TO THE OWNER
11. THE CONTRACTOR SHALL INCLUDE IN HIS TENDER A 12 MONTH MAINTENANCE AGREEMENT INCLUDING THE 12 MONTHLY DETECTION TEST AND THE ISSUE OF FORM 159

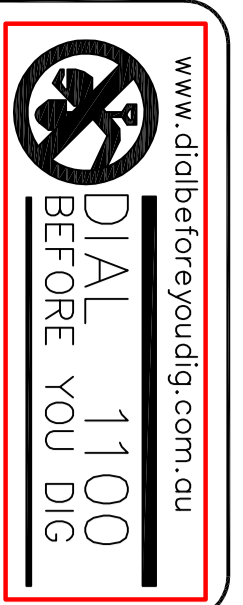
LEGEND:

HEAT DETECTOR (EXPOSED OR SURFACE MOUNTED)	[1]	FIRE INDICATOR PANEL	[FIP]
HEAT DETECTOR IN CONCEALED SPACES	[1]	OCCUPATIONAL WARNING PANEL	[OWP]
HEAT DETECTOR WITHIN AIR DUCT	[1]	REPEATER PANEL	[RP2]
LINE DETECTOR	[1]	MIMIC PANEL	[MP]
SMOKE DETECTOR (EXPOSED OR SURFACE MOUNTED)	[S]	SUBINDICATOR PANEL	[SIP]
SMOKE DETECTOR IN CONCEALED SPACES	[S]	REMOTE CONTROL EQUIPMENT	[RCE]
SMOKE DETECTOR WITHIN DUCT	[S]	MANUAL CALL POINT	[Y]
SMOKE DETECTOR WITH SAMPLING DEVICE	[S]	STORAGE BATTERIES	[BAT]
REMOTE VISUAL INDICATOR	[S]	FIRE ALARM BELL	[FAB]
SMOKE DETECTOR (BEAM TYPE TRANSMITTER)	[S]	ELECTROMAGNETIC DOOR HOLDER	[EMD]
SMOKE DETECTOR (BEAM TYPE RECEIVER)	[S]	PRESSURE SWITCH	[PS]
FLAME DETECTOR	[A]	FLOW SWITCH	[FS]
END OF LINE DEVICE	[ELD]	SMOKE SAMPLING POINT (X = SAMPLING POINT)	[S-X]
SMOKE ALARM	[S]	ALARM ZONE CIRCUIT DESIGNATION	[Z]
HEAT ALARM	[H]	DEVICE ADDRESS	[A]
CIRCUIT WIRING	[I]	SOUNDER	[SND]
		LOUDSPEAKER	[LSPK]
		STROBE LIGHT	[SLG]

* IF OTHER THAN TYPE A, NOTE B, C, D OR E
 + TYPE OF SMOKE DETECTOR, e.g. 1 = IONIZATION, P = PHOTOELECTRIC
 + SUBSTITUTE CIRCUIT NUMBER AS APPROPRIATE
 S TYPE OF FLAME DETECTOR, e.g. IR = INFRARED, UV = ULTRA VIOLET



REV	ISSUED FOR CONSTRUCTION	DESCRIPTION	DATE	BY	APPROVED BY
A	ISSUED FOR CONSTRUCTION		21.08.17		



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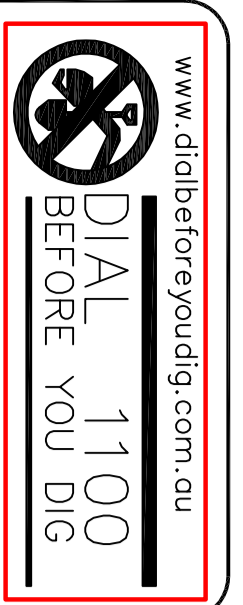
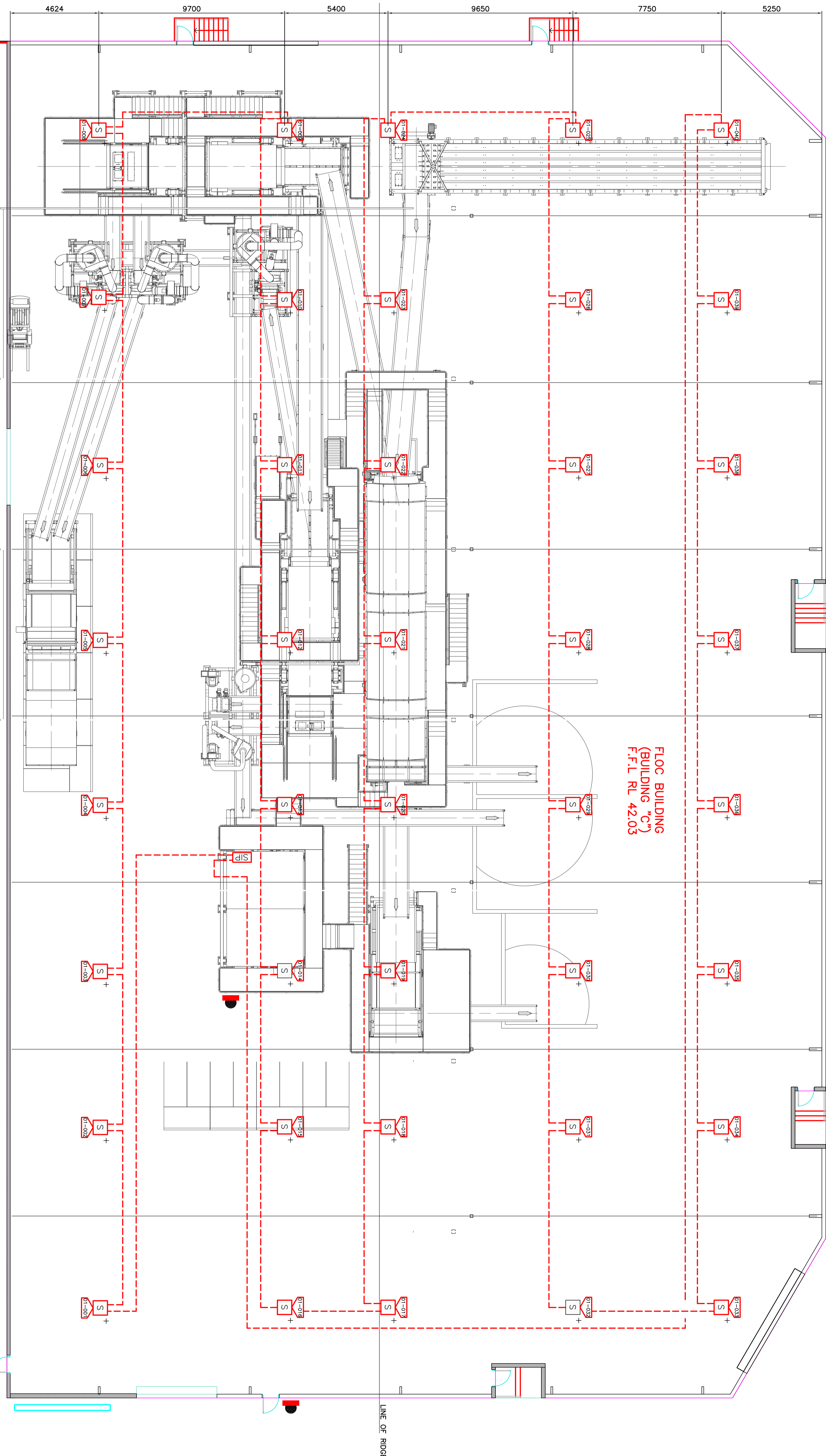
SITE PLAN

DATE	DATE	DATE	DATE
30.06.17	21.08.17	14.08.17	21.08.17

MJH
 M.J. HARVEY & ASSOCIATES PTY. LTD.
 23-45 TATTERSALL ROAD
 KINGS PARK NSW 2148
 P.O. BOX 6389 WETHERILL PARK 2164
 Phone: (02) 9158 5519 Fax: (02) 9158 5511

Project	PROPOSED FIRE SAFETY UPGRADE
Title	DRAWING INDEX, NOTES AND LEGEND
Scale	1:400
Project No.	14 023
Draw No.	16-001
Rev. No.	A SA-00

DESIGN CERTIFICATION
 BUILDING OCCUPANT WIRING SYSTEM
 I, Michael Harvey, being a duly qualified and registered professional engineer of the Building Code of Australia, do hereby certify that this drawing complies with the requirements of AS 1670:1-2004.
 Signature: MICHAEL HARVEY Date: 21/08/17
 Print Name: MICHAEL HARVEY E.L. File E

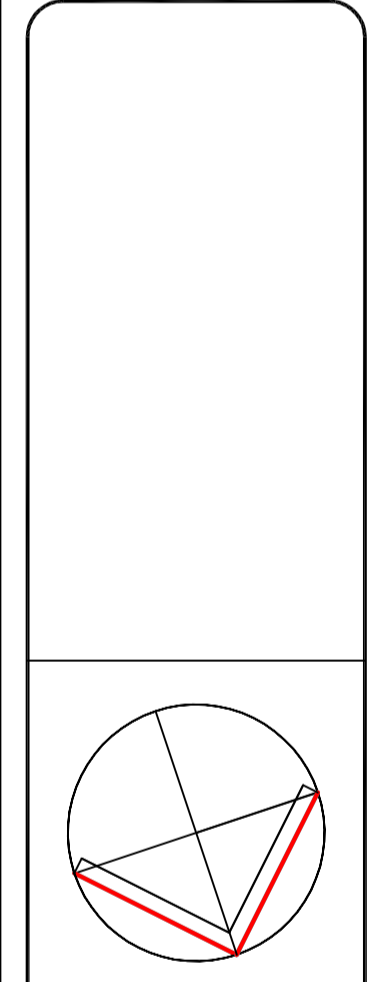


REV	ISSUED FOR CONSTRUCTION	DESCRIPTION	DATE
A	ISSUED FOR CONSTRUCTION		

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DESIGN CHECKED BY: M.H. DATE: 21.08.17
 DESIGN CHECKED BY: M.H. DATE: 14.08.17
 PROJECT NUMBER: 16-001A



DATE	DATE
30.06.17	30.06.17
21.08.17	21.08.17
14.08.17	14.08.17
21.08.17	21.08.17

CLIENT
 SELL & PARKER PTY LTD
 23-45 TATTERSALL ROAD
 KINGS PARK NSW 2148

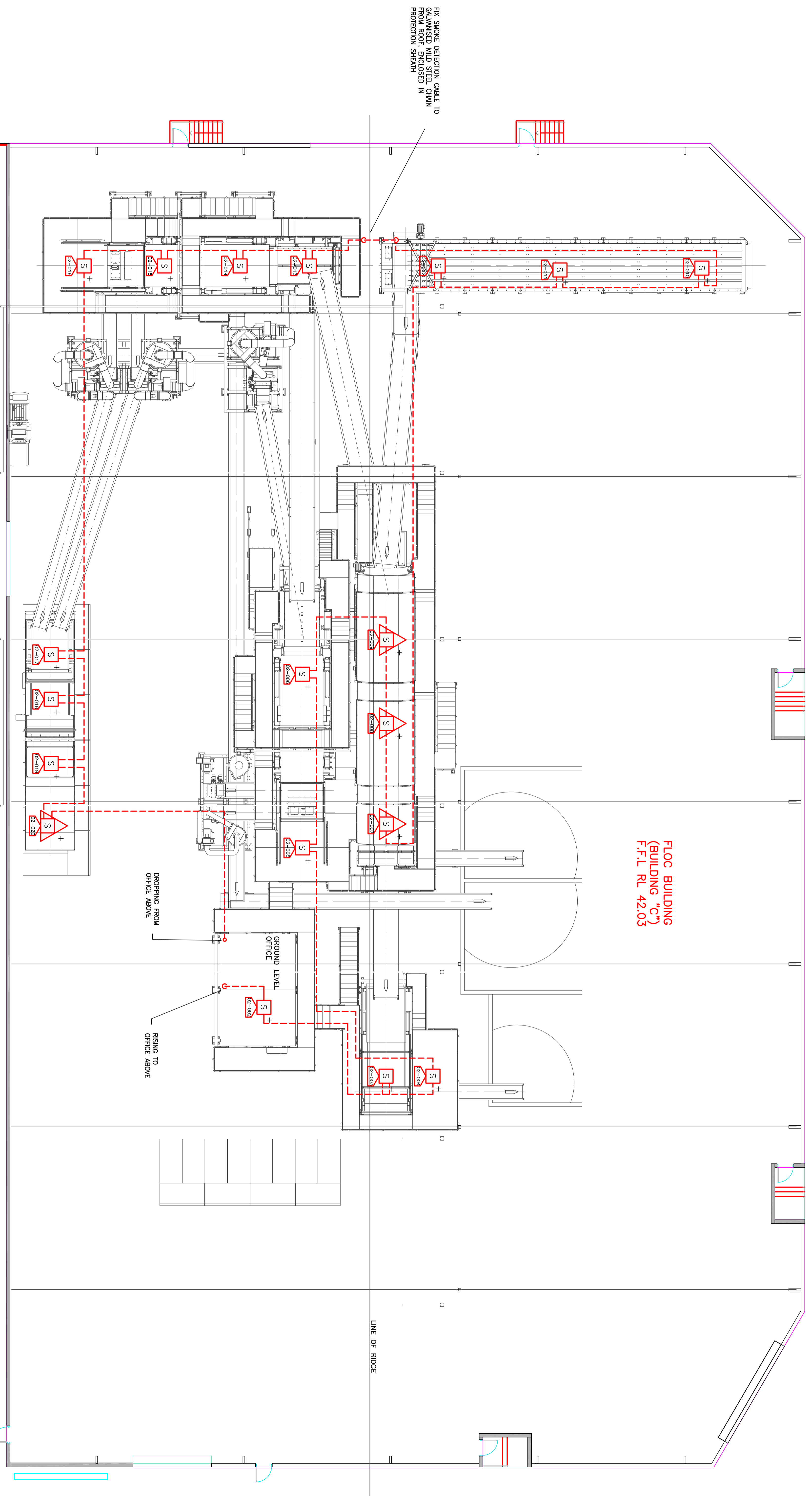
M.J. HARVEY & ASSOCIATES PTY. LTD.
 HYDRAULIC & ELECTRICAL ENGINEERS
 UNIT 7, 11-13 POTTER CLOSE, WETHERILL PARK 2164
 PHONE (02) 9758 5575 FAX (02) 9758 5571

PROJECT
 PROPOSED FIRE SAFETY UPGRADE
 Lot 2 & 5, No. 23
 45, Tattersall Road, Kings Park, NSW 2148

TITLE
 BUILDING 'C'
 SMOKE DETECTION SYSTEM
 WAREHOUSE 'C' - FLOOR PROCESSING

DATE
 1:100 | 14.02.23 | 16-001A | SA-01

DESIGN CERTIFICATION
 BUILDING OCCUPANCY WORKING SYSTEM
 This design complies with the requirements of the Building Code of Australia 2003 (Volume 1 and Volume 2) and AS 1531.1-2004.
 Signature: MICHAEL HARVEY SA, P. E. Date: _____



FLOC BUILDING
(BUILDING 'C')
F.F.L. RL 42.03

FIX SMOKE DETECTION CABLE TO
GALVANIZED MILD STEEL CHAIN
FROM ROOF, ENCLOSED IN
PROTECTION SHEATH

DROPPING TO
OFFICE BELOW

RISING FROM
OFFICE ABOVE

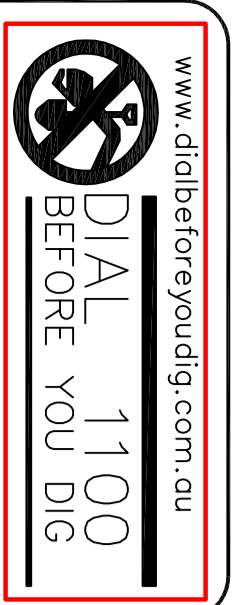
LEVEL 1 OFFICE

LINE OF RIDGE

GROUND
LEVEL
OFFICE

DROPPING FROM
OFFICE ABOVE

RISING TO
OFFICE ABOVE



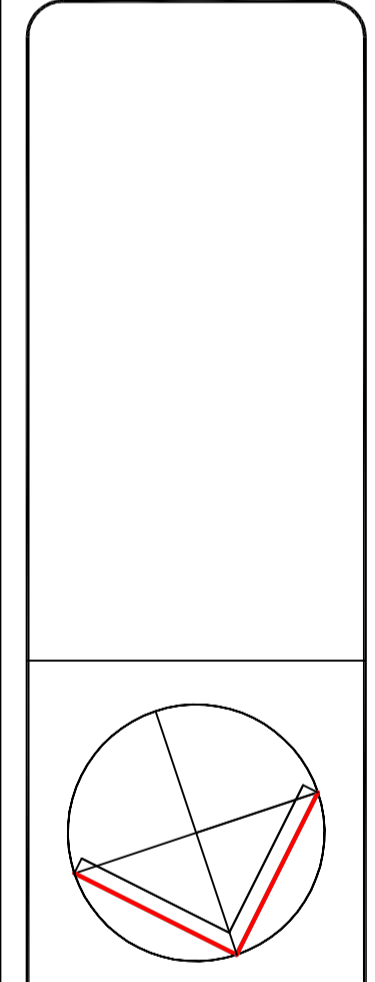
ISSUED FOR CONSTRUCTION	DESCRIPTION	F.N.	M.H.
ISSUED BY	APPROVED BY	21.08.17	21.08.17

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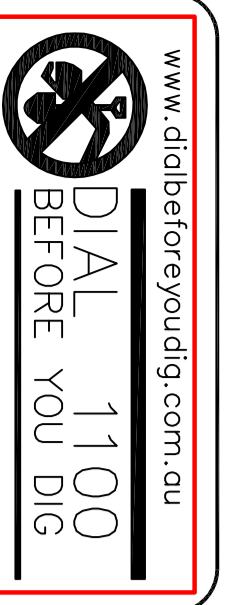
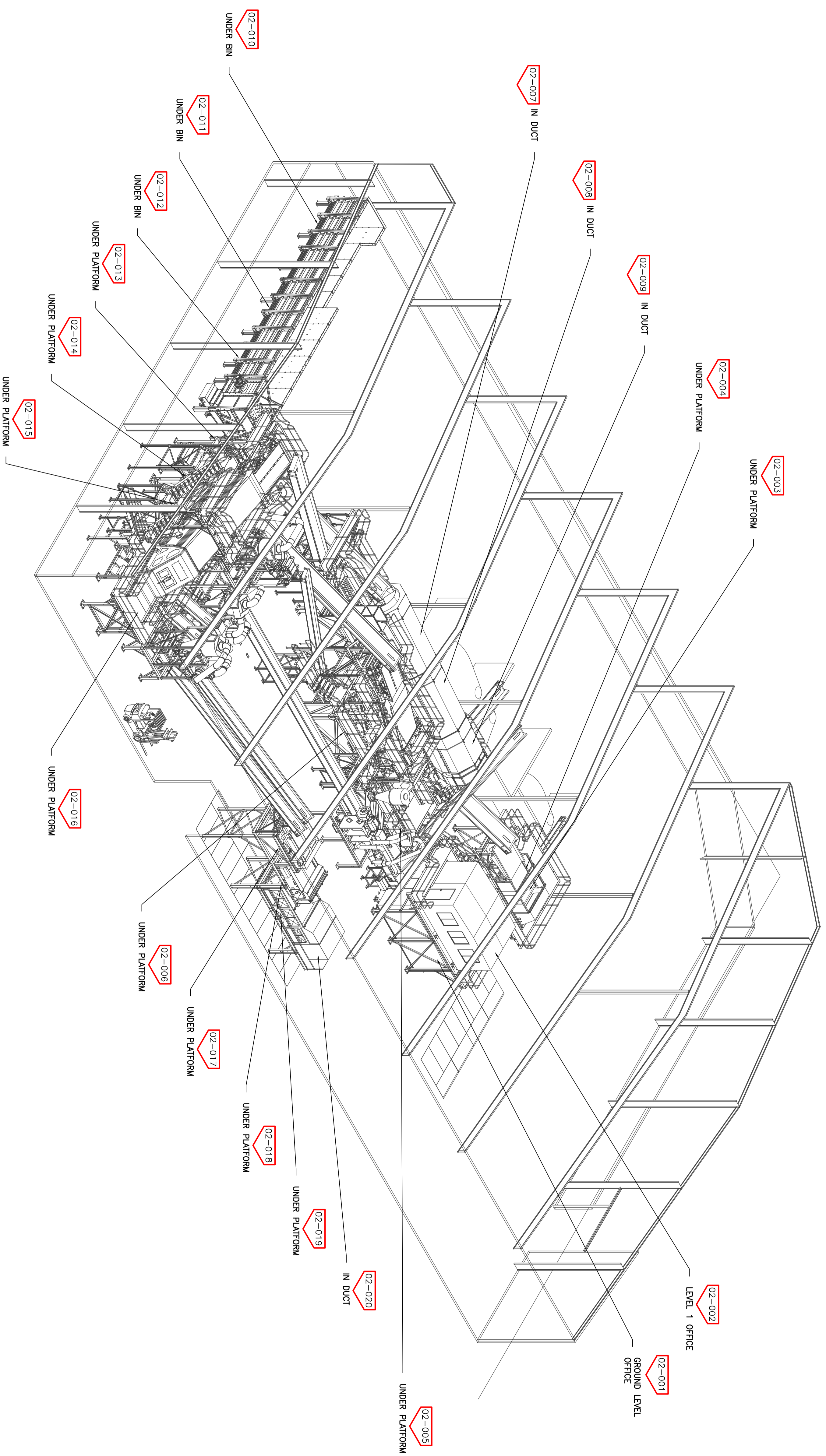
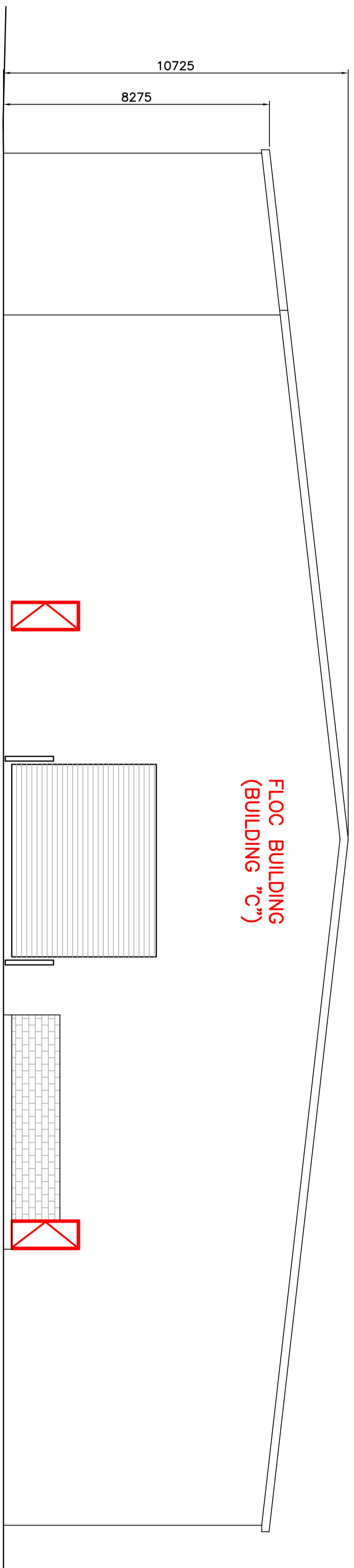
DATE	DATE	DATE
30.08.17	21.08.17	14.08.17
DESIGN CHECK	DESIGN CHECK	DESIGN CHECK
DESIGN CHECK	DESIGN CHECK	DESIGN CHECK
DESIGN CHECK	DESIGN CHECK	DESIGN CHECK

CLIENT
SELL & PARKER PTY LTD
23-45 TATTERSALL ROAD
KINGS PARK NSW 2148

M.J.HARVEY & ASSOCIATES PTY LTD
10/100 WETHERILL PARK 2164
P.O. BOX 6389 WETHERILL NSW 2164
Phone (05) 5158 5515 Fax (05) 5158 5511

Project	PROPOSED FIRE SAFETY UPGRADE
Title	Lot 2 & 5, No. 23 45 Tattersall Road Kings Park NSW 2148
Scale	1:100
Project No.	14_023
Rev. No.	16-001A
Rev. Desc.	SA-02

DESIGN CERTIFICATION
Building Occupant Warning System
This design complies with the requirements of the Building Code of Australia 2003 (Volume 1) and meets the requirements of AS 1571-2004.
Signature: MICHAEL HARVEY SA, FILE E Date: _____



REV	ISSUED FOR CONSTRUCTION	DESCRIPTION	DATE	ISSUED BY	APPROVED BY
A	ISSUED FOR CONSTRUCTION	DESCRIPTION	21.08.17		

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DATE	DATE	DATE
30.06.17	21.08.17	14.08.17
21.08.17	21.08.17	21.08.17

CLIENT	CLIENT
SELL & PARKER PTY LTD 23-45 TATTERSALL ROAD KINGS PARK NSW 2148	M.J. HARVEY & ASSOCIATES PTY LTD MIDWATER & CO PTY LTD UNIT 7, 11-13 POTTER CLOSE, WETHERILL PARK 2164 Phone: (02) 9758 5579 Fax: (02) 9758 5571

PROJECT	TITLE	DWG NO.	REV. NO.
PROPOSED FIRE SAFETY UPGRADE	La 2 & 5, No. 23 45 Tattersall Road BUILT DING C SMOKE DETECTION SYSTEM WAREHOUSE 'C' - ELEVATION	150	16-001A

DESIGN CERTIFICATION
BUILDING OCCUPANT WARNING SYSTEM
This design complies with the requirements of the Building Code of Australia 2003 (Volume 1 and 2) Clause 8.7 of AS 1571.1-2004.
Signature: MICHAEL HARVEY SA, P. E. Date: _____