

Construction Certificate

Issued under the Environmental Planning and Assessment Act 1979
Sections 109C (1) and 109H

Certificate No.:	18/0562-04
Subject Land:	9 Church Street, Newcastle NSW 2300
Lot and DP:	Lot:1, DP: 1199904
Applicant:	Junich Yokobori
Address:	Level 1, 155-157 Lambton Road, Broadmeadow NSW 2292
Email:	Yokobori1482@azusasekkei.co.jp
Owner:	Nihon Diagaku Australia Newcastle Pty Ltd
Description of Building Works:	Amended Construction Certificate to Include Revised Fire Engineering Report
BCA Classification:	Class 3,6, 7a & 9b
Cost of Building Works:	\$51,700,000.00
DA No.:	SSD-9787
Determination Date:	11th December 2019
Consent Authority:	Newcastle City Council
Date of Receipt of CC application:	16 th July 2021
Determination:	Approved
Approved Plans:	- DWP, Project No: 17-0347, Drawing No: A431, Issue 21 Dated: 15.07.2021 -ARA Fire Protection, Project No: 07001, Drawing No: FS-02 Rev 9, FS-02A Rev 4, FS-03 Rev 6, FS-07 Rev 3, Dated: 12.07.2021 -Fire Engineering Report by: Luke Sheehy (BPB 0830) of Design Confidence, Reference: P219_068-8.1 (FER) EC, Revision 8.1, Dated: 05.07.2021
Attachments:	- Fire Design Statement: Prepared by Joshua Von Bischoffshausen F046963D, Dated: 02.08.2021 - Fire Safety Schedule
Accreditation Level:	A1 – Accredited Certifier – Building Surveyor Grade 1
Registration No.:	BDC 1713
Accreditation Body:	Building Professionals Board

I certify that:

- The work, if completed in accordance with documentation accompanying the application for the certificate (with such modifications verified by the certifying authority as may be shown on that documentation), will comply with the requirements of Environmental Planning & Assessment (EP&A) Regulation 2000 as are referred to in sec.81A (5) of the EP&A Act 1979.

Signed: Scott O'Donohue
Scott O'Donohue
Principal Certifying Authority

Date of Determination: 2nd August 2021



FIRE SAFETY SCHEDULE

CLAUSE 168 EP & A REG. 2000

PROPERTY ADDRESS: 9 Church Street, Newcastle NSW 2300

Lot & DP: Lot:1, DP: 1199904

CERTIFICATE NO: 18/0562-01, 18/0562-02, 18/0562-03, 18/0562-04

Date of Certificate: 2nd August 2021

Details of Building (or part): Amended Construction Certificate to Include Revised Fire Engineering Report

BCA Classification: Class 3, 5, 6, 7a, 9b

REQUIRED FIRE SAFETY MEASURES (MODIFIED/ EXTENDED)	CRITICAL FIRE SAFETY MEASURE (Y/N)	INTERVAL FOR SUPPLEMENTARY FIRE SAFETY STATEMENTS	MINIMUM STANDARD OF PERFORMANCE (BCA /Referenced Australian Standards/Other)
<u>Statutory</u>			
Access panels, doors and hoppers to fire resisting shafts (Includes lift shaft doors)	N	12 months	BCA C3.13 & C3.10, AS1735.11-1986, AS1905.1-2005 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Automatic fail safe devices (Power operated doors & Fail Safe Devices)	N	12 months	BCA C3.8, D2.19, D2.21 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Automatic fire detection and alarm systems	N	12 months	BCA Spec E2.2a, AS1670.1 & AS1670.4-2018 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Automatic fire suppression system	N	12 months	BCA Spec E1.5, AS2118.1-2017
Emergency lighting	N	12 months	BCA E4.4 & AS2293.1-2005 Amdt 1
Emergency warning and intercommunication systems	N	12 months	BCA E4.9 & AS1670.4-2004, AS4428.4-2004
Exit signs	N	12 months	BCA E4.8 & AS2293.1-2005 Amdt 1
Fire dampers	N	12 months	BCA C3.15 & AS 1668.1-1998 Amdt 1, AS1682.1 & 1682.2-1990 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Fire doors	N	12 months	BCA Spec C3.4 & AS1905.1-2005 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Fire hydrant systems	N	12 months	BCA E1.3 & AS2419.1-2005 Amdt 1 & Part



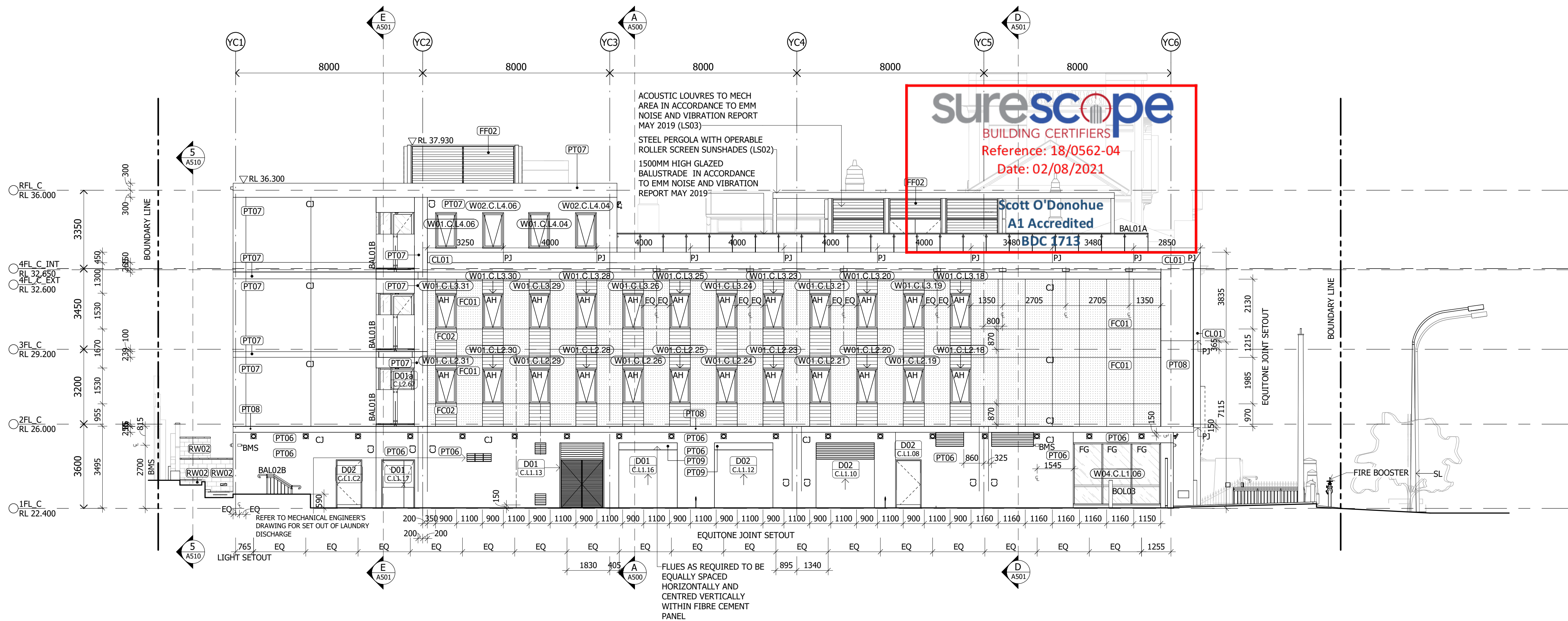
			7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Fire seals protecting openings in fire resisting components of the building	N	12 months	BCA C3.15 & BCA Spec C3.15, AS1530.4 AS4072.1-2005 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Fire windows	N	12 months	BCA C3.4, BCA Spec C3.4 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Hose reel systems	N	12 months	BCA E1.4 and AS 2441-2005 Amdt 1
Lightweight Construction	N	12 months	BCA C1.8 BCA Spec C1.8 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Portable fire extinguishers	N	12 months	BCA E1.6 & AS2444-2001
Smoke doors and walls	N	12 months	BCA Spec C3.4, Spec C2.5 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Solid core doors	N	12 months	Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Wall- wetting sprinkler and drencher systems	N	12 months	AS 2118.2-2010 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021
Warning & operational signs	N	12 months	BCA D2.23, E3.3, EP & A Regulation 2000 & Part 7.2, 7.3, 7.4 & 7.5 of the FER by Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5 th July 2021

Other

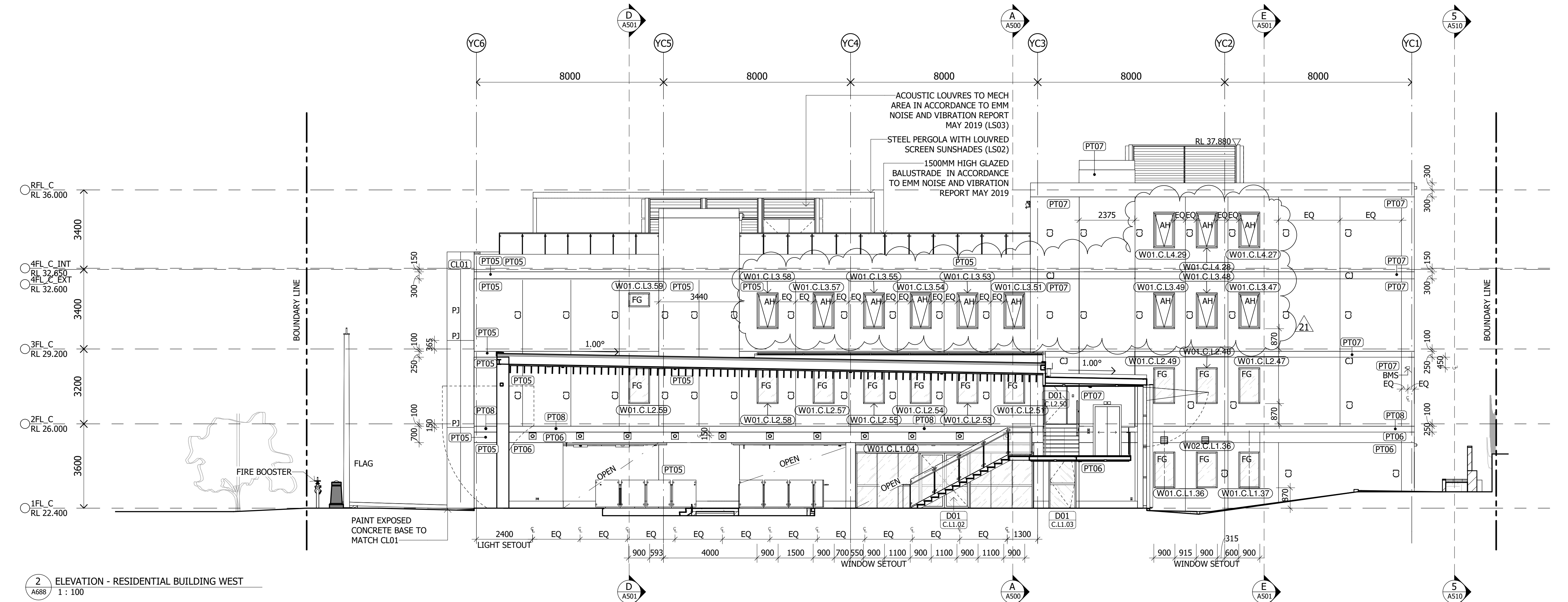
-Fire Engineering Report by Luke Sheehy (BPB 0830) Design Confidence (Sydney) Pty Ltd, Ref: P219_068-8.1 (FER) EC, Dated:5th July 2021

Existing Fire Safety Measures

NIL



1 ELEVATION - RESIDENTIAL BUILDING EAST
1 : 100



2 ELEVATION - RESIDENTIAL BUILDING WEST
1 : 100

Notes

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Verify all dimensions and levels on site and report any discrepancies to dwp for direction prior to the commencement of work.

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David Rose Nominated Architect NSW APR 4882

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STANDARD ABBREVIATIONS

AH AWNING HUNG (WINDOW)
BMS BUILDING MONITORING AND MANAGEMENT SYSTEMS
FG FIXED GLASS
FLAG FLAGPOLES
SL STREET LAMP

FOR CONSTRUCTION

FOR USE DURING CONSTRUCTION

Issue	Description	Date	Chk	Auth
21	DRAWINGS REVISED	16.07.21	EC	CB
20	DRAWINGS REVISED	02.07.21	EC	CB
19	DRAWINGS REVISED	18.06.21	EC	CB
18	DRAWINGS REVISED	04.06.21	EC	CB
17	DRAWINGS REVISED	19.03.21	EC	CB
16	DRAWINGS REVISED	20.11.20	EC	CB
15	DRAWINGS REVISED	06.11.20	EC	CB
14	DRAWINGS REVISED	16.10.20	KD	CB
13	DRAWINGS REVISED	25.09.20	EC	CB
12	DRAWINGS REVISED	21.08.20	EC	CB
11	DRAWINGS REVISED	14.08.20	EC	CB
10	DRAWING REVISED	24.07.20	EC	CB
9	DRAWINGS REVISED	19.06.20	EC	CB
8	WINDOW W01.C.L.3.59 SILL HEIGHT REVISED	25.05.20	EC	CB

Issue Description Date Chk Auth

Architect/ Designer

dwp

www.dwp.com

Client / Project Architect

Azusa Sekkei Co Ltd



Project

NEWCASTLE COURTHOUSE

Location

1 Church St
Newcastle, NSW, 2300

Project Number

17-0347

Drawing

ELEVATION -
RESIDENTIAL - EAST &
WEST

Scale (A1)

As indicated 7/15/2021 4:09:57 PM

Drawing Number

A431

21

dwp

REFER TO DWG FS-06 FOR CONTINUATION

REFER TO DWG FS-02A FOR CONTINUATION

SPRINKLER LEGEND:

- (ORDINARY HAZARD 60L/min) BELOW CEILING SPRINKLER 68°, 2-PIECE ESCUTCHEON, WHITE
- (LIGHT HAZARD 68L/min) BELOW CEILING SPRINKLER 68°, 2-PIECE ESCUTCHEON, WHITE
- (ORDINARY HAZARD 60L/min) EXPOSED PENDENT SPRINKLER 68°, 15mm, BRASS
- (LIGHT HAZARD 60L/min) EXPOSED PENDENT SPRINKLER 68°, 15mm, BRASS
- (CONCEALED SPACE) EXPOSED PENDENT SPRINKLER 79°, 15mm, BRASS
- (CONCEALED SPACE) EXPOSED UPRIGHT SPRINKLER 79°, 15mm, BRASS
- ☒ SPRINKLER IN KITCHEN EXHAUST HOOD, 141°, SS
- ☒ SPRINKLER IN KITCHEN EXHAUST DUCT, 182°, BRASS
- ☐ COOL ROOM SPRINKLER
- ☐ FREEZER SPRINKLER
- 141° HORIZONTAL SIDEWALL SPRINKLER WITH GUARD, 141° (LIFT SHAFT)
- WS TYCO WS TYPE VERTICAL SIDEWALL SPRINKLER (WINDOW DRENCHER)
- WS TYCO WS TYPE CONCEALED VERTICAL SIDEWALL SPRINKLER (WINDOW DRENCHER)
- ☒ (ORDINARY HAZARD 60L/min) EXPOSED PENDENT SPRINKLER 68°, 15mm, BRASS (UNDER DUCT)

REV	DATE	DRN/CHD	DESCRIPTION
1	23.07.20	IH AS	ISSUED FOR REVIEW/APPROVAL
2	28.07.20	IH AS	ISSUED FOR REVIEW/APPROVAL
3	31.07.20	IH AS	ISSUED FOR REVIEW/APPROVAL
4	22.08.20	IH AS	COURTHOUSE ISSUED FOR CONSTRUCTION
5	26.08.20	IH AS	ISSUED FOR CONSTRUCTION
6	08.09.20	IH AS	HYDRANTS ADDED
7	22.09.20	IH AS	LEVEL 1 SPLIT INTO SEPARATE DRAWING FOR COURTHOUSE
8	09.11.20	IH AS	ISSUED FOR CONSTRUCTION
9	12.07.21	IH AS	ISSUED FOR CONSTRUCTION

ARA

FIRE

Fire Protection Engineers & Consultants
20 Binney Road, KINGS PARK NSW 2148
Phone - 24 Hours : (61 2) 8886 1300
Fax: (61 2) 8871 4468
email: enquiries@arafire.com.au
www.arafire.com.au
ARA-19-002-001-041
ARA-002-001-041

AZUSA SEKKEI

Azusa Sekkei Co Ltd
3F, MFIP Haneda,10-11, Haneda
Asahi-cho,Ohta-ku,Tokyo,144-0042,
Japan,tel:+81-3-5735-3210

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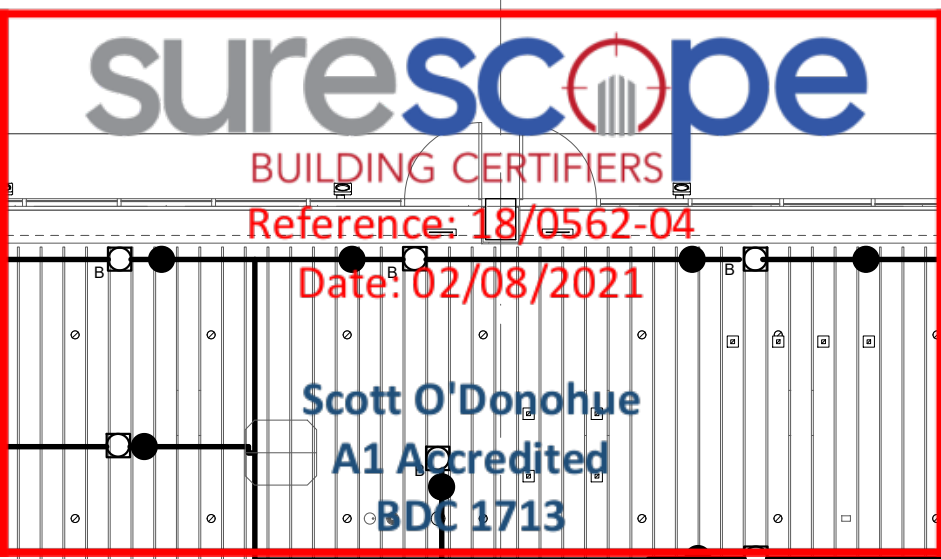


NEWCASTLE COURTHOUSE
REDEVELOPMENT
NIHON NEWCASTLE
9 CHURCH ST, NEWCASTLE.

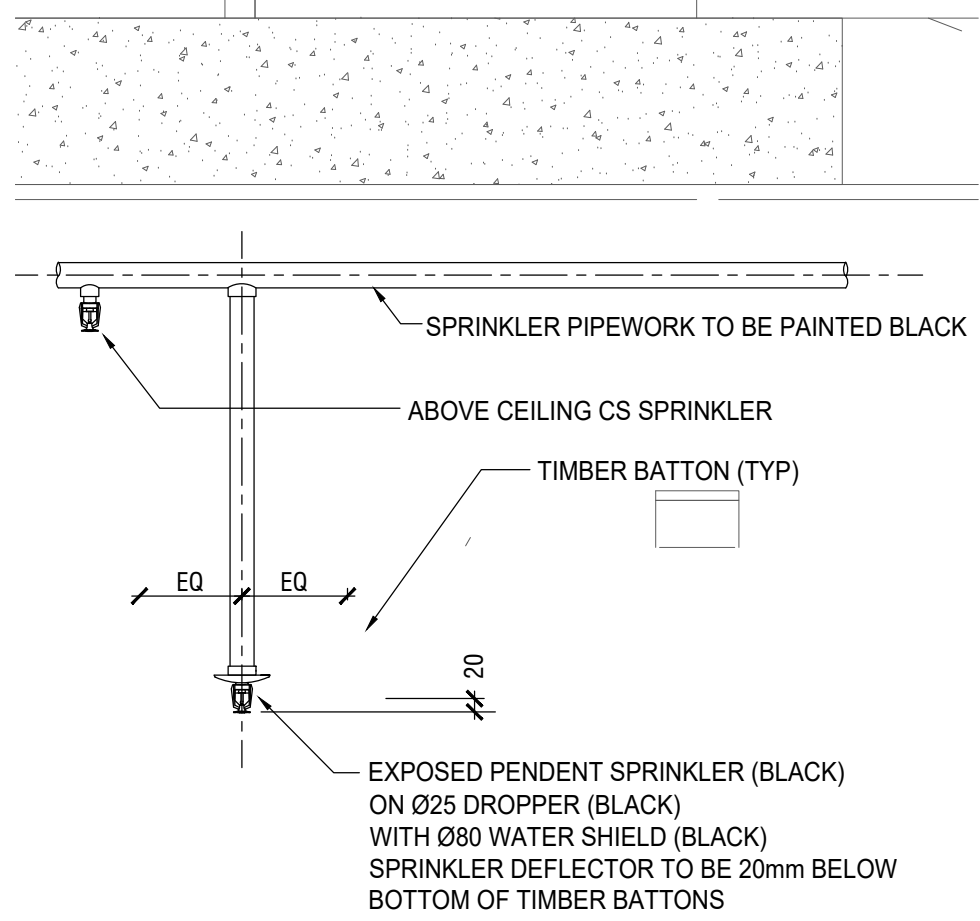
FIRE SPRINKLER &
HYDRANT SYSTEMS
LEVEL 1 COURTHOUSE

Scale: NTS	Size: A1	Drawing Number: FS-02	Rev: 9
Drawn: IH	Checked: AS		
Project Number: 07001	Date: JULY 20		

BOOSTER CABINET
Ø150 HYDRANT SUPPLY TO PUMP ROOM
BY HYDRAULICS CONTRACTOR
Ø100 SPRINKLER SUPPLY TO PUMP
ROOM BY HYDRAULICS CONTRACTOR



NOTE:
SPRINKLERS AND SPRINKLER
PIPEWORK SPACED TO GO BETWEEN
MECHANICAL DUCTS IN CAFE AREA
PIPEWORK AND SPRINKLERS TO BE
BLACK



SECTION 'A' - CAFE SPRINKLERS
SCALE 1:10

EXPOSED BLACK SPRINKLER WITH
BLACK WATER SHIELD ON DROPPER.
SPRINKLER DEFLECTOR TO BE 20mm
BELOW TIMBER BATTONS
REFER TO DETAIL SECTION 'A'

HIGH TEMP KITCHEN
EXHAUST SPRINKLER
AT TOP AND BOTTOM
OF RISER DUCT

Ø65 FROM FLOW
SWITCH IN
PUMP ROOM

HOT WATER PLANT
CL1.16

FOR PUMP
ROOM SETOUT
DETAILS
REFER TO FS-01

Ø50 RISER TO LEVEL 2, 3 & 4
RESIDENTIAL
Ø32 DRAIN TO SUMP IN PUMP ROOM

FEED FROM HYDRANT SYSTEM WITH Ø50
MONITORED ISOLATION VALVE
FOR DRENCHERS

NOTES:

- 1 SPRINKLER COVERAGE TO
CUPBOARD FROM
CORRIDOR AS PER
AS2118.1(2017) 5.9.17

REFER TO DWG FS-02 FOR CONTINUATION

SPRINKLER LEGEND:

- (ORDINARY HAZARD 60L/min) BELOW CEILING SPRINKLER
68°, 2-PIECE ESCUTCHEON, WHITE
- (LIGHT HAZARD 68L/min) BELOW CEILING SPRINKLER
68°, 2-PIECE ESCUTCHEON, WHITE
- (ORDINARY HAZARD 60L/min) EXPOSED PENDENT SPRINKLER
68°, 15mm, BRASS
- (LIGHT HAZARD 60L/min) EXPOSED PENDENT SPRINKLER
68°, 15mm, BRASS
- (CONCEALED SPACE) EXPOSED PENDENT SPRINKLER
79°, 15mm, BRASS
- (CONCEALED SPACE) EXPOSED UPRIGHT SPRINKLER
79°, 15mm, BRASS
- 141° SPRINKLER IN KITCHEN EXHAUST HOOD, 141°, SS
- 182° SPRINKLER IN KITCHEN EXHAUST DUCT, 182°, BRASS
- CR COOL ROOM SPRINKLER
- FZ FREEZER SPRINKLER
- 141° HORIZONTAL SIDEWALL SPRINKLER WITH GUARD, 141° (LIFT SHAFT)
- WS TYCO WS TYPE VERTICAL SIDEWALL SPRINKLER (WINDOW DRENCHER)
- CWS TYCO WS TYPE CONCEALED VERTICAL SIDEWALL SPRINKLER (WINDOW DRENCHER)
- × (ORDINARY HAZARD 60L/min) EXPOSED PENDENT SPRINKLER
68°, 15mm, BRASS (UNDER DUCT)

Ø50 FEED MAIN FOR COURTHOUSE
TO RISE UP IN COLUMN BOX OUT,
CROSS ATRIUM CEILING IN HIGH
LEVEL BULKHEAD AND OUT THE
OTHER SIDE INTO AMENITIES
CEILING SPACE
CO-ORDINATE ON SITE

Ø32 PIPEWORK TO RUN IN
CAST IN SLEEVE
PROVIDED BY BUILDER
CO-ORDINATE ON SITE

Ø150 HYDRANT
PIPE DROPS TO IN-GROUND

NOTE:
SPRINKLER POSITIONS IN RESIDENTIAL PART OF THE BUILDING TO BE NEED
TO BE 600mm FROM MECH GRILLS (LIGHTS TO CLOSE TO SPRINKLERS)



CLIENT
Azusa Sekkei Co Ltd
3F, MFIP Haneda, 10-11, Haneda
Asahi-cho, Ohta-ku, Tokyo, 144-0042,
Japan, tel: +81-3-5735-3210

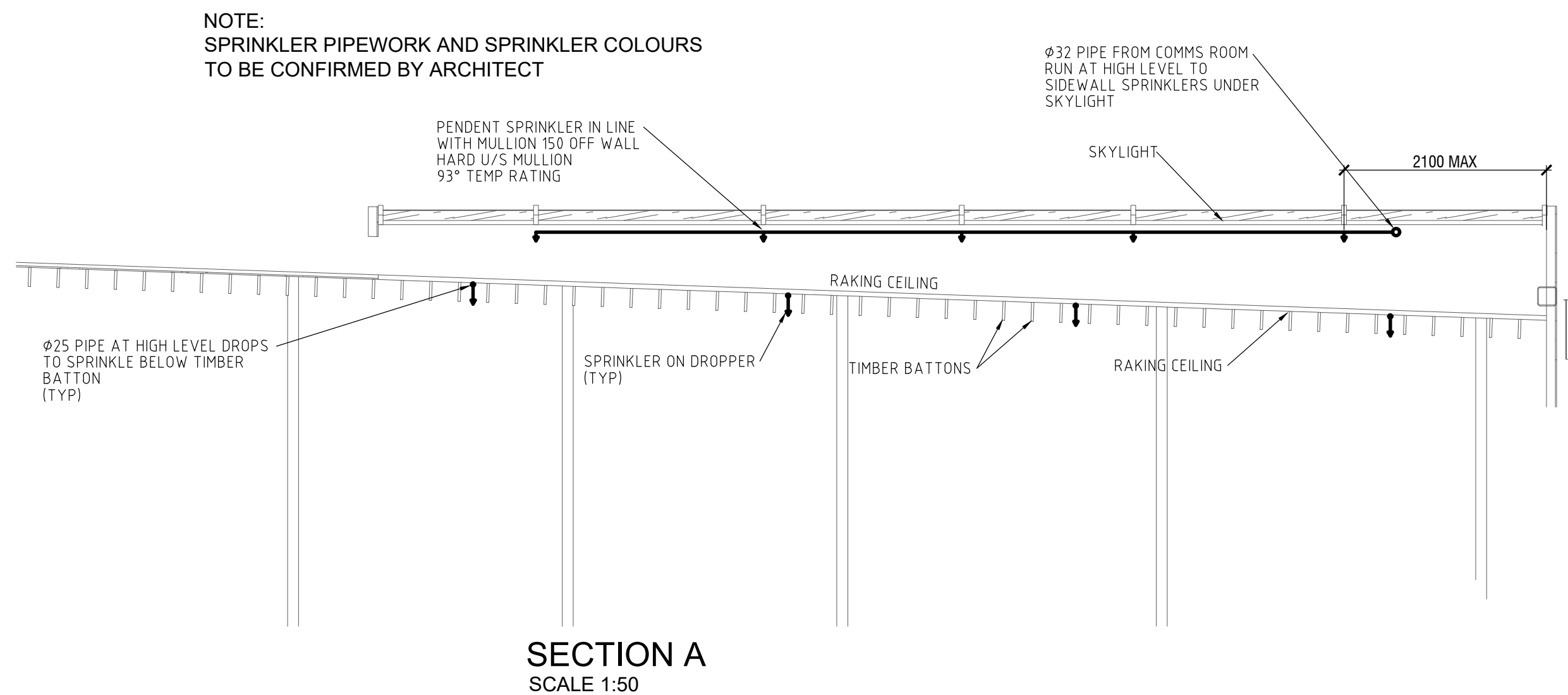
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PROJECT
NEWCASTLE COURTHOUSE
REDEVELOPMENT
NIHON NEWCASTLE
9 CHURCH ST, NEWCASTLE.

TITLE
FIRE SPRINKLER &
HYDRANT SYSTEMS
LEVEL 1 RESIDENTIAL
BLOCK

Scale: NTS	Size: A1
Drawn: IH	Checked: AS
Project Number: 07001	Date: JULY 20
Drawing Number: FS-02A	Rev: 4

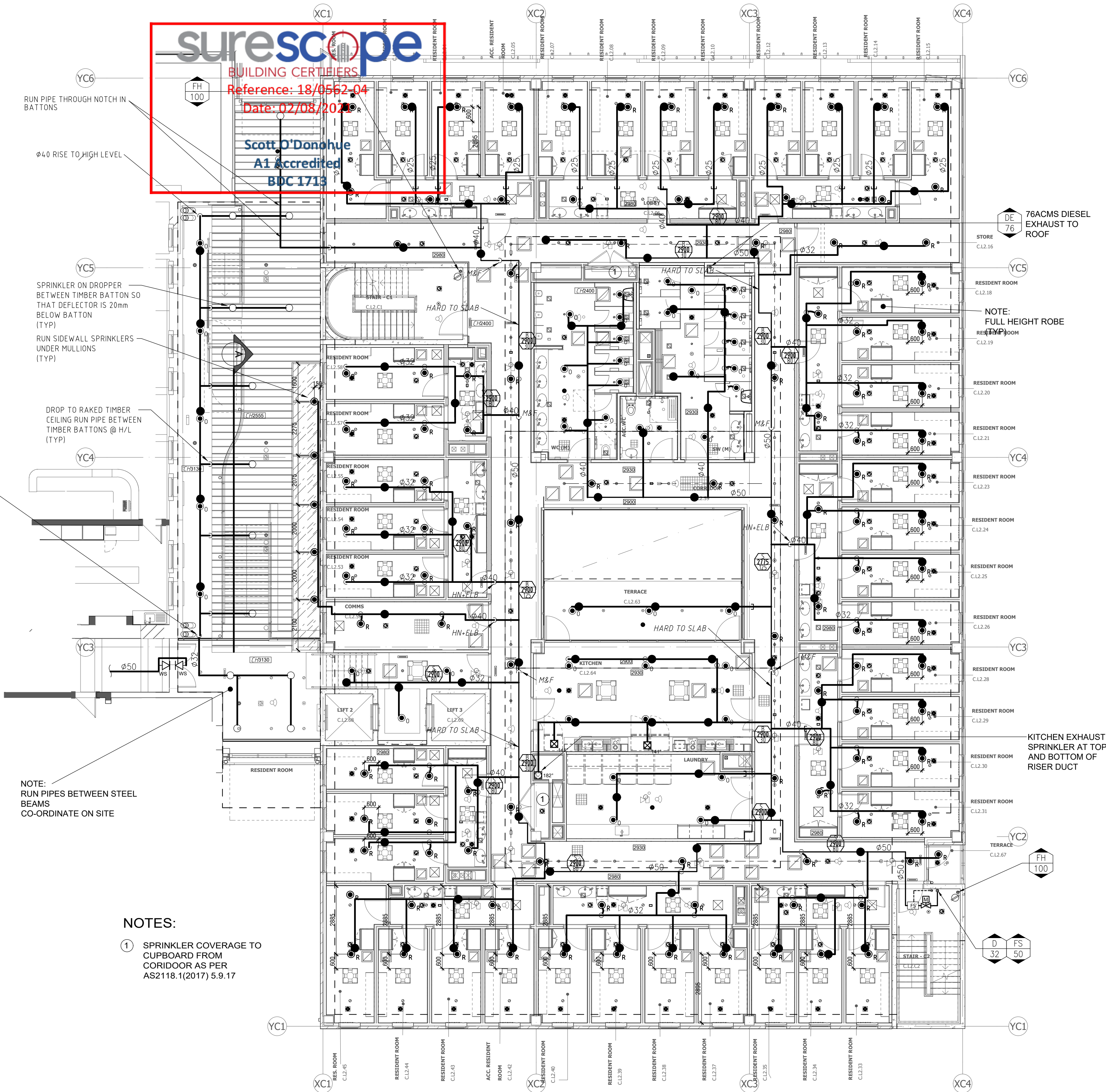


SPRINKLER LEGEND:
SYSTEM DESIGNED TO AS2118.1 - 2017

- _R (RESIDENTIAL SPRINKLER 83.2L/min) BELOW CEILING SPRINKLER 68°, K=7.1, 2-PIECE ESCUTCHEON, WHITE
- _O (ORDINARY HAZARD SPRINKLER 60L/min) BELOW CEILING SPRINKLER 68°, K=8.1, 2-PIECE ESCUTCHEON, WHITE
- (ORDINARY HAZARD SPRINKLER 60L/min) EXPOSED PENDENT 68°, K=8.1, 2-PIECE ESCUTCHEON, WHITE
- (CONCEALED SPACE) EXPOSED PENDENT SPRINKLER 79°, 15mm, BRASS
- (CONCEALED SPACE) EXPOSED UPRIGHT SPRINKLER 79°, 15mm, BRASS
- 141° ✕ SPRINKLER IN KITCHEN EXHAUST HOOD, 141°, SS
- ↔ HORIZONTAL SIDEWALL SPRINKLER WITH 79° (ATRIUM SKYLIGHT)
- WS ▷ TYCO WS TYPE VERTICAL SIDEWALL SPRINKLER (WINDOW DRENCHER)

- RESIDENTIAL PORTION OF BUILDING, (SOU's, LOBBY's, CORRIDOR)
- OH PORTION OF BUILDING, (KITCHEN, WET AREA, LAUNDRY & ATRIUM)

- NOTES:
- ① SPRINKLER COVERAGE TO CUPBOARD FROM CORRIDOR AS PER AS2118.1(2017) 5.9.17



REFER TO DWG FS-07 FOR CONTINUATION

REV	DATE	DRN/CHD	DESCRIPTION
1	23.07.20	IH AS	ISSUED FOR REVIEW/APPROVAL
2	28.07.20	IH AS	ISSUED FOR REVIEW/APPROVAL
3	31.07.20	IH AS	ISSUED FOR REVIEW/APPROVAL
4	08.09.20	IH AS	HYDRANTS ADDED
5	30.09.20	IH AS	ISSUED FOR CONSTRUCTION
6	09.10.20	IH AS	ISSUED FOR CONSTRUCTION

ARA
FIRE
Fire Protection Engineers & Consultants
20 Binney Road, KINGS PARK NSW 2148
Phone - 24 Hours : (61 2) 8886 1300
Fax: (61 2) 9601 4468
email: enquiries@arafire.com.au
www.arafire.com.au
ABN: 59 002 001 041
AOL: 002 001 041

Azus
3F, 1-2-1, Nishi-Shinjyuku 2-chome, Nishi-Shinjyuku-ku, Tokyo, 163-0292, Japan, tel: +81-3-5735-3210

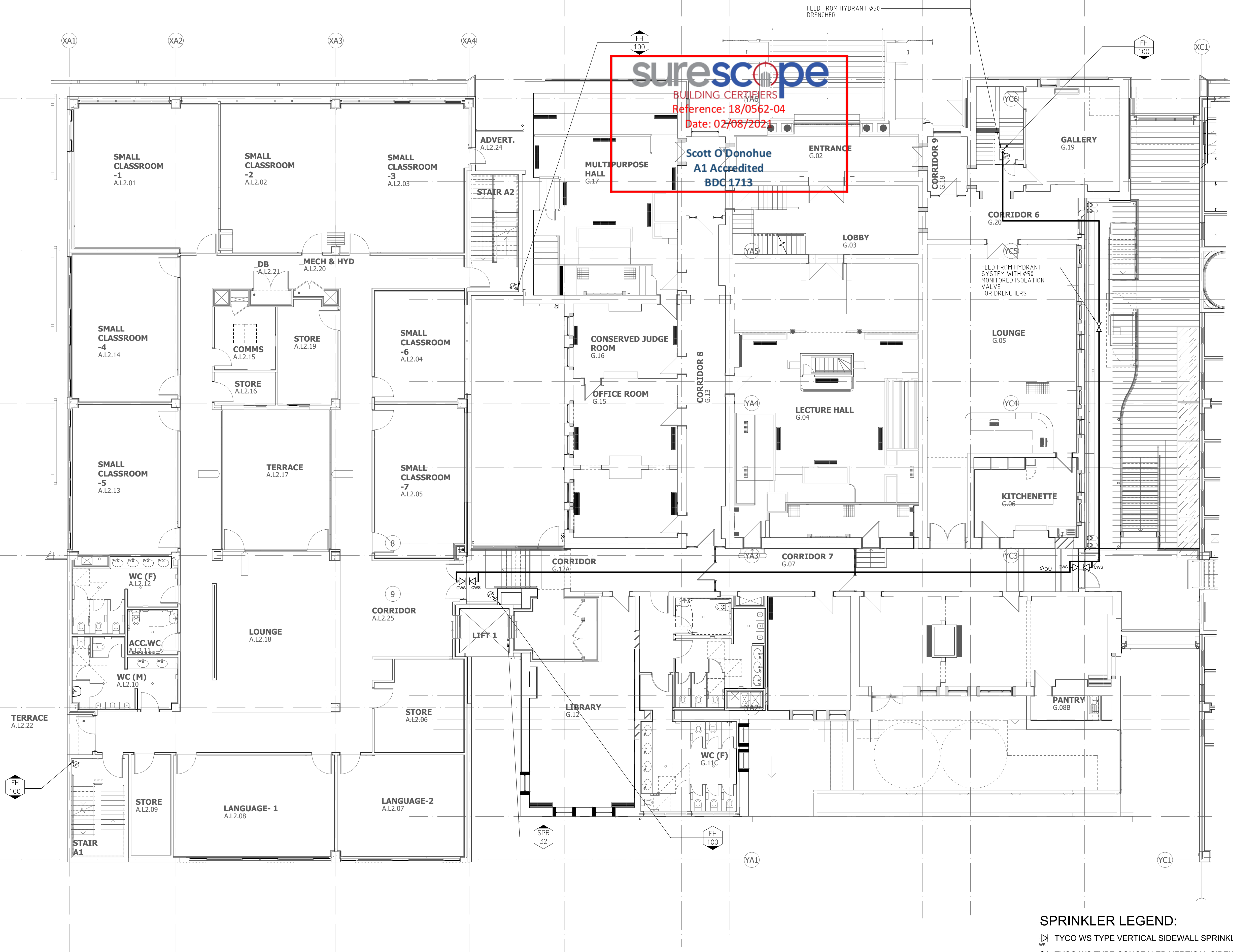
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PROJECT
NEWCASTLE COURTHOUSE REDEVELOPMENT
NIHON NEWCASTLE
9 CHURCH ST, NEWCASTLE.

TITLE
FIRE SPRINKLER & HYDRANT SYSTEMS
LEVEL 2 COURTHOUSE AND EAST RESIDENTIAL BLOCKS

Scale: NTS	Size: A1
Drawn: IH	Checked: AS
Project Number: 07001	Date: JULY 20
Drawing Number: FS-03	Rev: 6



REFER TO DWG FS-03 FOR CONTINUATION

- SPRINKLER LEGEND:
- TYCO WS TYPE VERTICAL SIDEWALL SPRINKLER (WINDOW DRENCHER)
 - TYCO WS TYPE CONCEALED VERTICAL SIDEWALL SPRINKLER (WINDOW DRENCHER)

REV	DATE	DRN/CHD	DESCRIPTION
1	08.09.20	IH AS	ISSUED FOR REVIEW/APPROVAL
2	30.09.20	IH AS	ISSUED FOR CONSTRUCTION
3	12.07.21	IH AS	ISSUED FOR CONSTRUCTION

ARA
FIRE
Fire Protection Engineers & Consultants
20 Binney Road, KINGS PARK NSW 2148
Phone - 24 Hours : (61 2) 8886 1300
Fax: (61 2) 9631 4468
email: enquiries@arafire.com.au
www.arafire.com.au
ARA-19-002-001-041
ARA-002-001-041

CLIENT
AZUSA SEKKEI
Azusa Sekkei Co Ltd
3F, MFIP Haneda, 10-11, Haneda
Asahi-cho, Ohta-ku, Tokyo, 144-0042,
Japan, tel: +81-3-5735-3210

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PROJECT
NEWCASTLE COURTHOUSE
REDEVELOPMENT
NIHON NEWCASTLE
9 CHURCH ST, NEWCASTLE.

TITLE
FIRE SPRINKLER &
HYDRANT SYSTEMS
LEVEL 2 COURTHOUSE
AND WEST EDUCATION
BLOCKS

Scale: NTS	Size: A1
Drawn: IH	Checked: AS
Project Number: 07001	Date: JULY 20
Drawing Number: FS-07	Rev: 3