

PROJECT:	CHIEF MECHANICAL ENGINEER'S BUILDING		
Sketch Title:	FIRE - Spatial Markup Sketch (Sheet 1 of 3)		
Sketch No.:	SK-F-0001		
Date & Revision:	18/10/22	Rev A	By: A.KOIRALA
Scale:	AS PER DRAWING	Reason for Issue:	For Coordination
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REVISION	DESCRIPTION	CHKD	DATE
P6	Alternative Ramp For Review / Comment	DSO	10/10/22
P5	Alternative Ramp For Review / Comment	DSO	06/10/22
P4	For Review / Comment / Coordination	CKL	29/8/22
P3	For Review / Comment / Coordination	DSO	17/8/22
P2	For Review / Comment / Coordination	RWS	08/8/22
P1	For Review / Comment / Coordination	RWS	02/8/22

PROJECT & CLIENT
RNE - Chief Mechanical Engineers Building
FIRE SERVICES
 Transport for NSW

PROJECT No : 22.15
 Designed : DSO/RWS
 Drawn : DSO/RWS
 North Scale : 1:100@A1/1:200@A3

DRAWING TITLE
SITE LAYOUT

DRAWING NUMBER
GHD-CME-FR-SK-100 A

Plotted at : 4:00 pm 10/10/2022



NOTE: FIRE HYDRANT CAN BE DELTED BASED ON PERFORMANCE SOLUTION WITH 3 HOSE LENGTH.

LEGEND

- DEMOLISH
- PROPOSED
- █ EXISTING WALL
- PROPOSED WALL

LEGEND FLOOR FINISHES

REFER DETAIL TO ROOM BY ROOM SCHEDULE

- 1' LOOR CERAMIC TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- 1' LOOR CERAMIC TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- MONOCOTTURA TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- TERRACOTTA TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- BCA COMPLAINT RAMPS (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- EXISTING TESSELLATED TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- FLOOR CONCRETE (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- RAISED CONCRETE FLOOR WITH NEW TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)

FIRE HYDRANT 100mm (W) X 800MM(D) (TYPICAL) WITHIN 4M OF THE EXIT DOOR

FIRE PANEL 650 (W) X 450 (D) X 1000mm (H) (500mm CLEARANCE ON EITHER SIDE AND 1m IN FRONT OF THE PANEL)

FIRE HYDRANT 100mm (W) X 800MM(D) (TYPICAL) WITHIN 4M OF THE EXIT DOOR

SMOKE DETECTION AND WARNING SPEAKERS THROUGHOUT

SPR 80 RISE FROM UNDER FLOOR TO GROUND FLOOR CEILING TO LEVEL 1.

SIDEWALL SPRINKLER HEAD FOR BALCONIES.

SPRINKLER TO EACH INDIVIDUAL ROOMS.

SPRINKLER MAIN TO RECITULATE ON GROUND FLOOR HIGHLEVEL

SPRINKLER PIPE TO RUN IN FIRST FLOOR FLOOR JOIST/ STRUCTURE IN DIRECTION OF THE JOIST TO BE DETAILED

80mm UNDERFLOOR TO GROUND FLOOR AND LEVEL 1

FIRE SPRINKLER VALVE ROOM. 2M X 1 M. REQUIRE FLOW TEST PIT 7L/S TO DISCHARGE TO STORMWATER.

CURRENT LOCATION NEED PERFORMANCE SOLUTIONS
 1. DOESNT OPEN DIRECTLY TO THE OPEN SPACE.
 2. SERVICES BELOW THE EGRESS STAIR(CONFIRM THIS WITH BCA CONSULTANT).

1 GROUND FLOOR PLAN

SCALE 1 : 100

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

NOTE

TO BE READ IN CONJUNCTION WITH ROOM BY ROOM SCHEDULE



REV	DESCRIPTION	DESIGNER SIGN./DATE	VERIFIED SIGN./DATE	APPROVED SIGN./DATE
A	ISSUE FOR PRELIMINARY DESIGN	E.P./20/07/22	E.P./20/07/22	D.C./20/07/22



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CCG ARCHITECTS
 NOMINATED ARCHITECTS
 DAVID COOK (ROB) / HIRSHAM MOORI (S/FR)
 CCG ARCHITECTS ARCHITECTURE

DRAWN: MUNKONG 20/07/22
 DESIGNED: ERIC PARK 20/07/22
 DRG CHECK: ERIC PARK 20/07/22
 DESIGN CHECK: ERIC PARK 20/07/22
 APPROVED: DAME COOK 20/07/22

CHIEF MECHANICAL ENGINEER'S BUILDING
 505 WILSON STREET EVELEIGH

FIRE SERVICES GROUND FLOOR LAYOUT

FILE No. SHEET: 1 OF 1 A1
 STATUS: PRELIMINARY DESIGN
 DRG No. GHD-CME-FR-SK-201
 REV: B

File Path: C:\Users\jua\OneDrive\Documents\CHE-MECHANICAL ENGINEER'S BUILDING_RVT21_Central_Fra\INDEX.dwg
 Plot Date & Time: 10/11/2022 1:48:33 AM
 DF 801-554



NOTE: FIRE HYDRANT CAN BE DELTED BASED ON PERFORMANCE SOLUTION WITH 3 HOSE LENGTH.

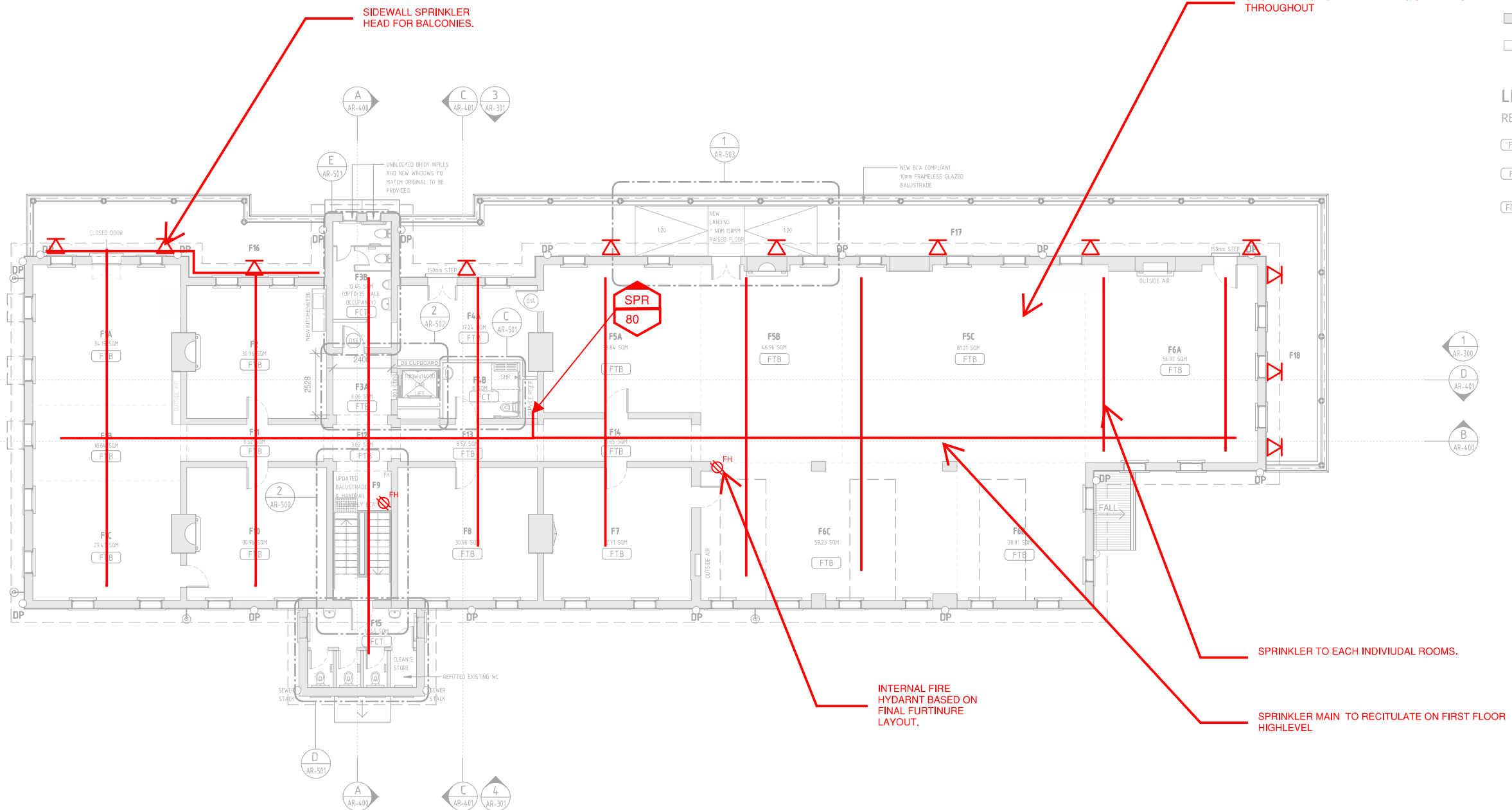
LEGEND

- DEMOLISH
- PROPOSED
- █ EXISTING WALL
- PROPOSED WALL

LEGEND FLOOR FINISHES

REFER DETAIL TO ROOM BY ROOM SCHEDULE

- [FTB] FLOOR TIMBER BOARDS (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- [FCT] FLOOR CERAMIC TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)
- [FCT 1] MONOCOTTURA TILES (REFER DETAIL TO ROOM BY ROOM SCHEDULE)



1 FIRST FLOOR PLAN
SCALE 1 : 100

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

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ROOM BY ROOM SCHEDULE



PROJECT:	CHIEF MECHANICAL ENGINEER'S BUILDING		
Sketch Title:	FIRE - Spatial Markup Sketch (Sheet 1 of 3)		
Sketch No.:	SK-F-0003		
Date & Revision:	18/10/22 Rev A	By:	A.KOIRALA
Scale:	AS PER DRAWING	Reason for Issue:	For Coordination

REV	DESCRIPTION	DESIGNER SIGN./DATE	VERIFIED SIGN./DATE	APPROVED SIGN./DATE
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NOMINATED ARCHITECTS
DAVID COOK (0000) / HIRSHAM KODURI (0678)
CCG ARCHITECTS ARCHITECTURE

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DRG CHECK: ERIC PARK 20/07/22
DESIGN CHECK: DAVID COOK 20/07/22
APPROVED: DAVID COOK 20/07/22

CHIEF MECHANICAL ENGINEER'S BUILDING
505 WILSON STREET EVELEIGH

FIRE SERVICES FIRST FLOOR LAYOUT

FILE No. SHEET: 1 OF 1 A1
STATUS: PRELIMINARY DESIGN
DRG No. **GHD-CME-FR-SK-202** A

File Path: C:\Users\jua\OneDrive\Documents\CHEIF MECHANICAL ENGINEER'S BUILDING_RVT21_Central_18a.rvt
Plot Date & Time: 10/11/2022 1:49:40 AM
DF 801*554