

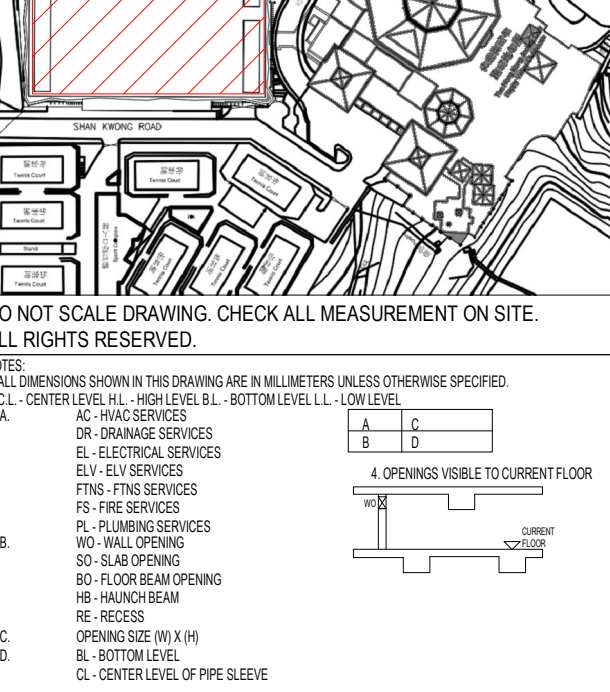


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D REFERENCE

F.S.D REFERENCE

KEYPLAN



DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES

1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL

3. A. -

4. OPENINGS VISIBLE TO CURRENT FLOOR

5. ALL OPENING AT PRECAST FACADE REFER TO CBHQ FOR PRECAST FACADE PANEL.

6. ALL BOTTOM OF ACCESS DOOR AND ACCESS DOOR SHALL BE 300mm

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	C
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SHRCE-D06F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	CLOUR CODE: 255 255 255
STRUCTURE (STR)	CLOUR CODE: 128 128 128
HVAC SERVICES (AC)	CLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	CLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	CLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	CLOUR CODE: 128 0 0
GAS SERVICES (GAS)	CLOUR CODE: 255 128 0
FIRE SERVICES (FS)	CLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	CLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	CLOUR CODE: 255 128 0
COMBINED OPENING	CLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

DESCRIPTION

DATE

INIT

DO NOT SCALE DRAWINGS

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 1 OF 66

DRAWN

CHECKED

SCALE 1:50 @ A1

DATE

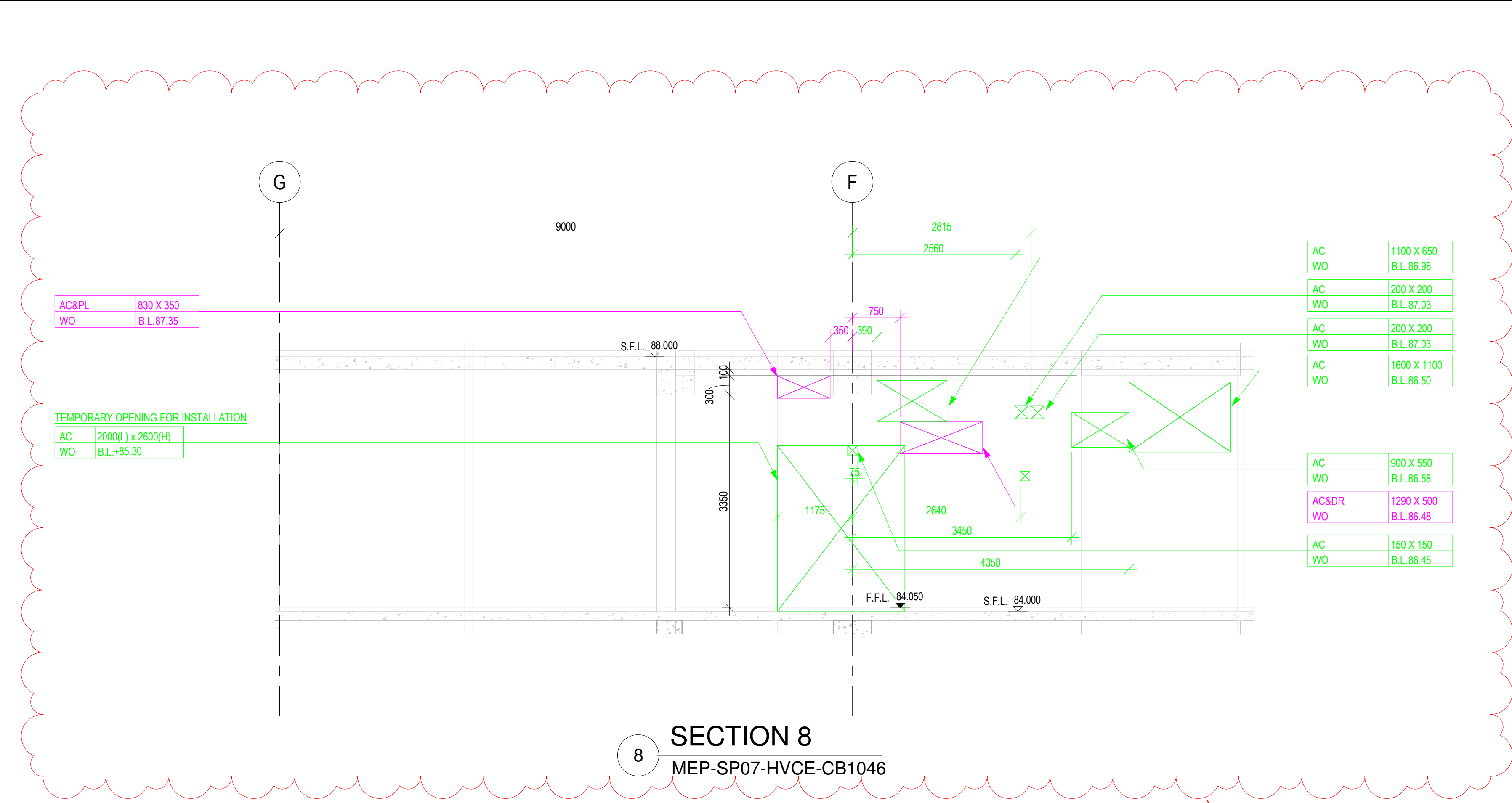
19-07-2018

DRAWING NO.

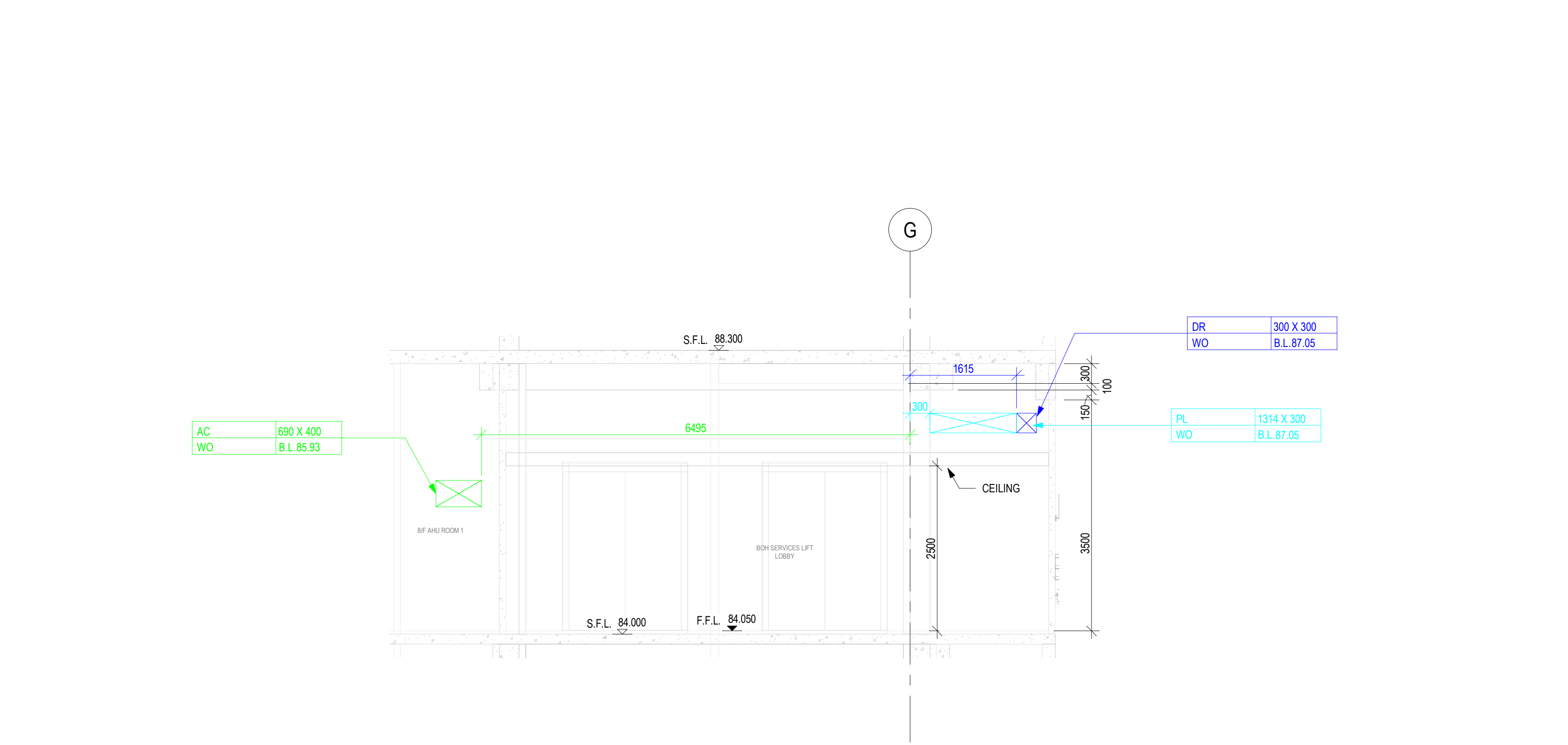
REV

MEP-SP07-HVCE-CB2551

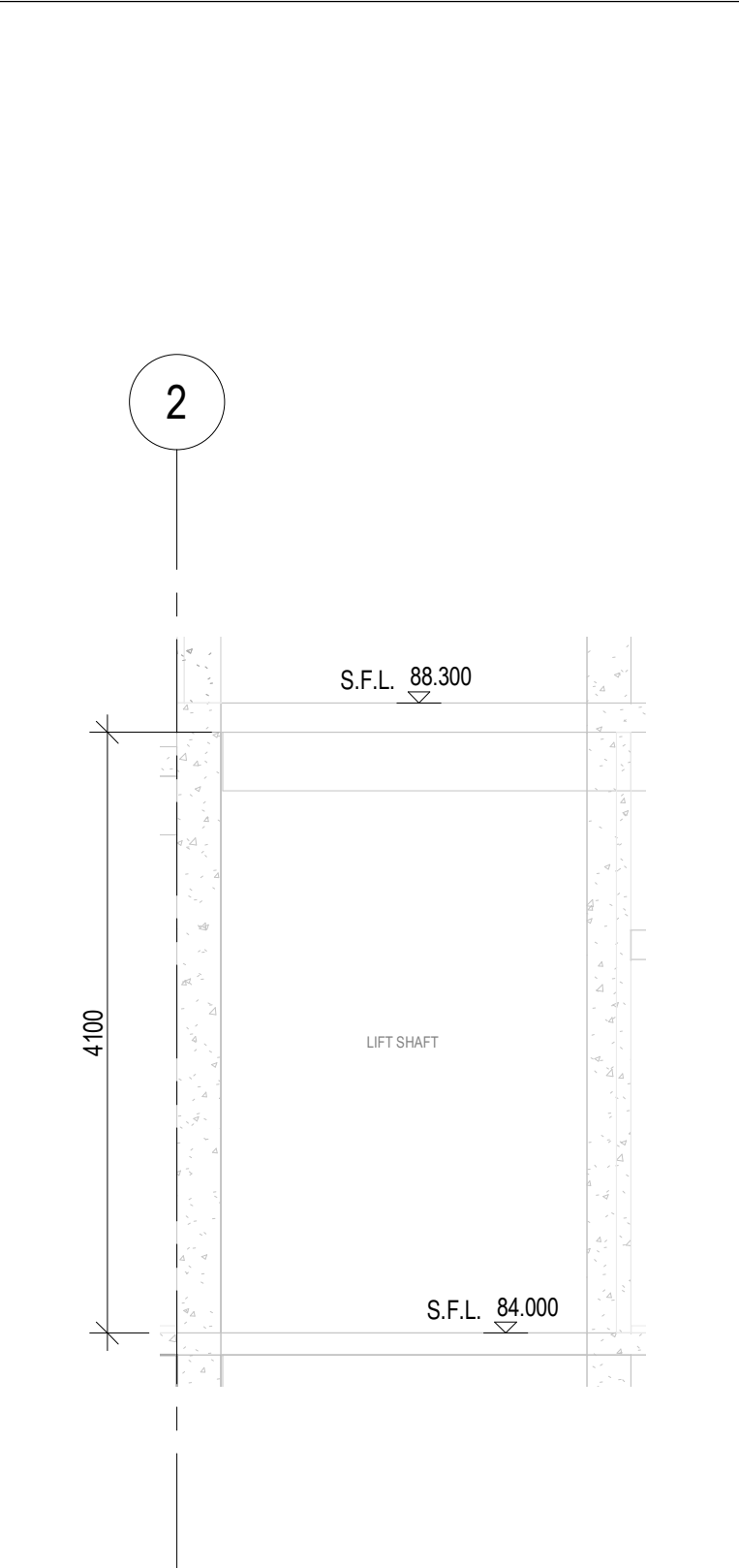
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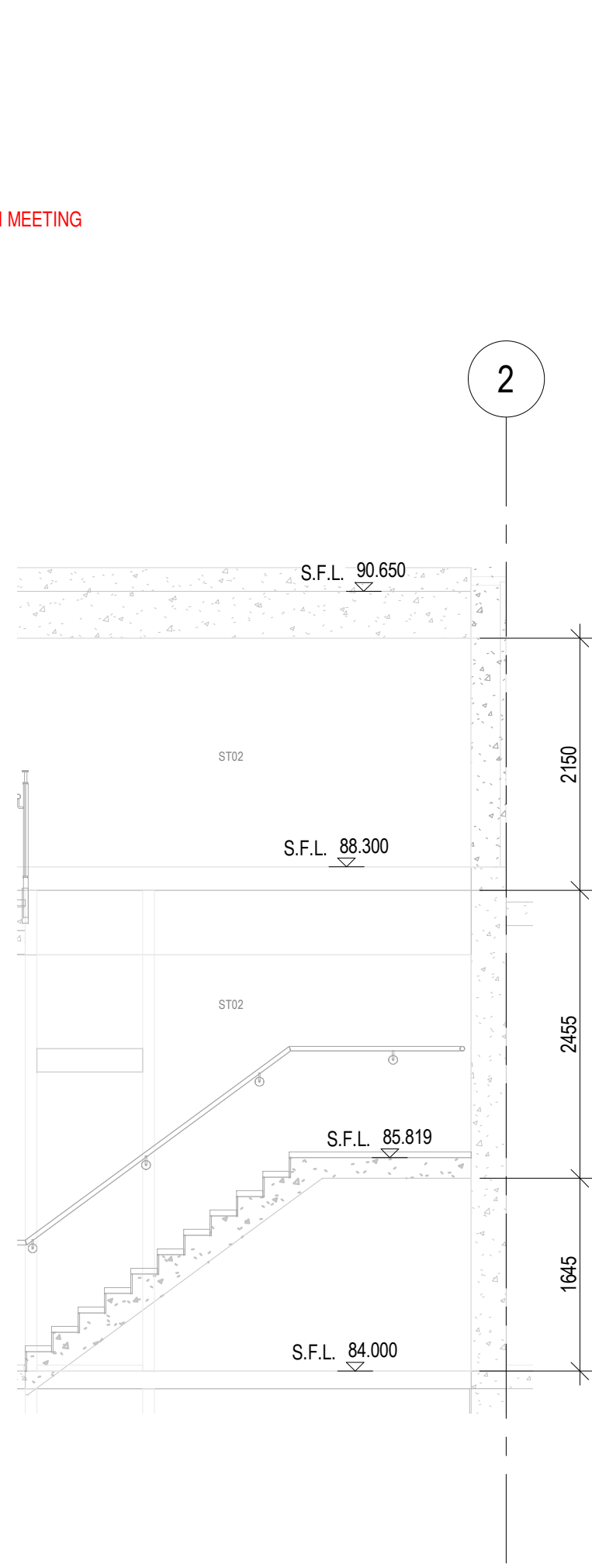
HEADROOM CANNOT BE ACHIEVED SUBJECT TO RFI MEETING



SECTION 7
MEP-SP07-HVCE-CB1046



SECTION 6
MEP-SP07-HVCE-CB1046



SECTION 5
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - AIR CONDITIONING
B. DR - DRAINAGE SERVICES
C. EL - ELECTRICAL SERVICES
D. ELV - ELEVATOR SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. WO - WINDOW OPENING
H. S.D. - SLAB OPENING
I. B.S. - FLOOR BEAM OPENING
J. H.B. - HANGING BEAM
K. R.C. - REINFORCED CONCRETE
L. O.S. - OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. C.L. - CENTER LEVEL OF PIPE SLEEVE
O. ALL OPENING AT PRECAST FACADE REFER TO CEMD FOR PRECAST FACADE PANEL.
P. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 2 OF 66

DRAWN

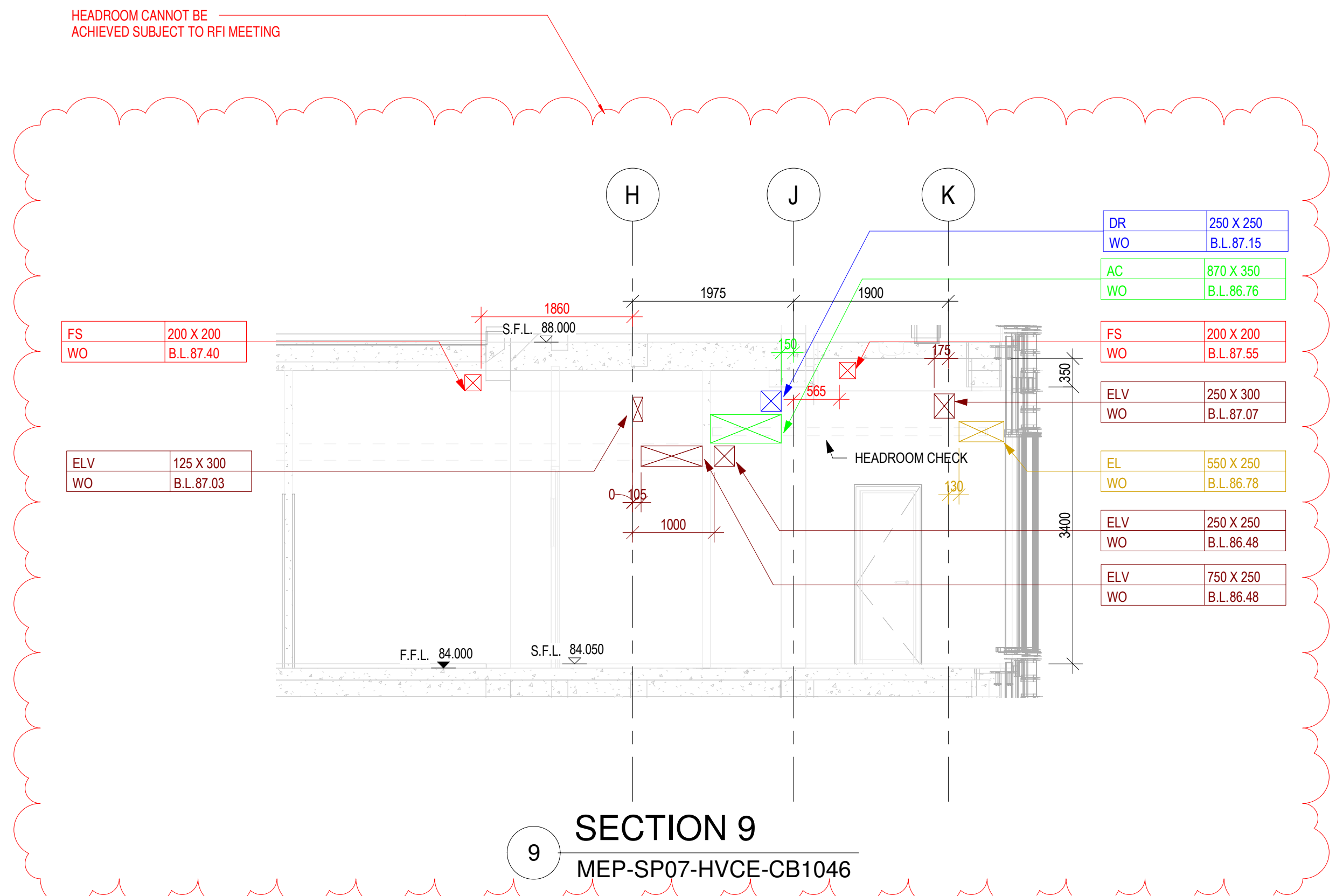
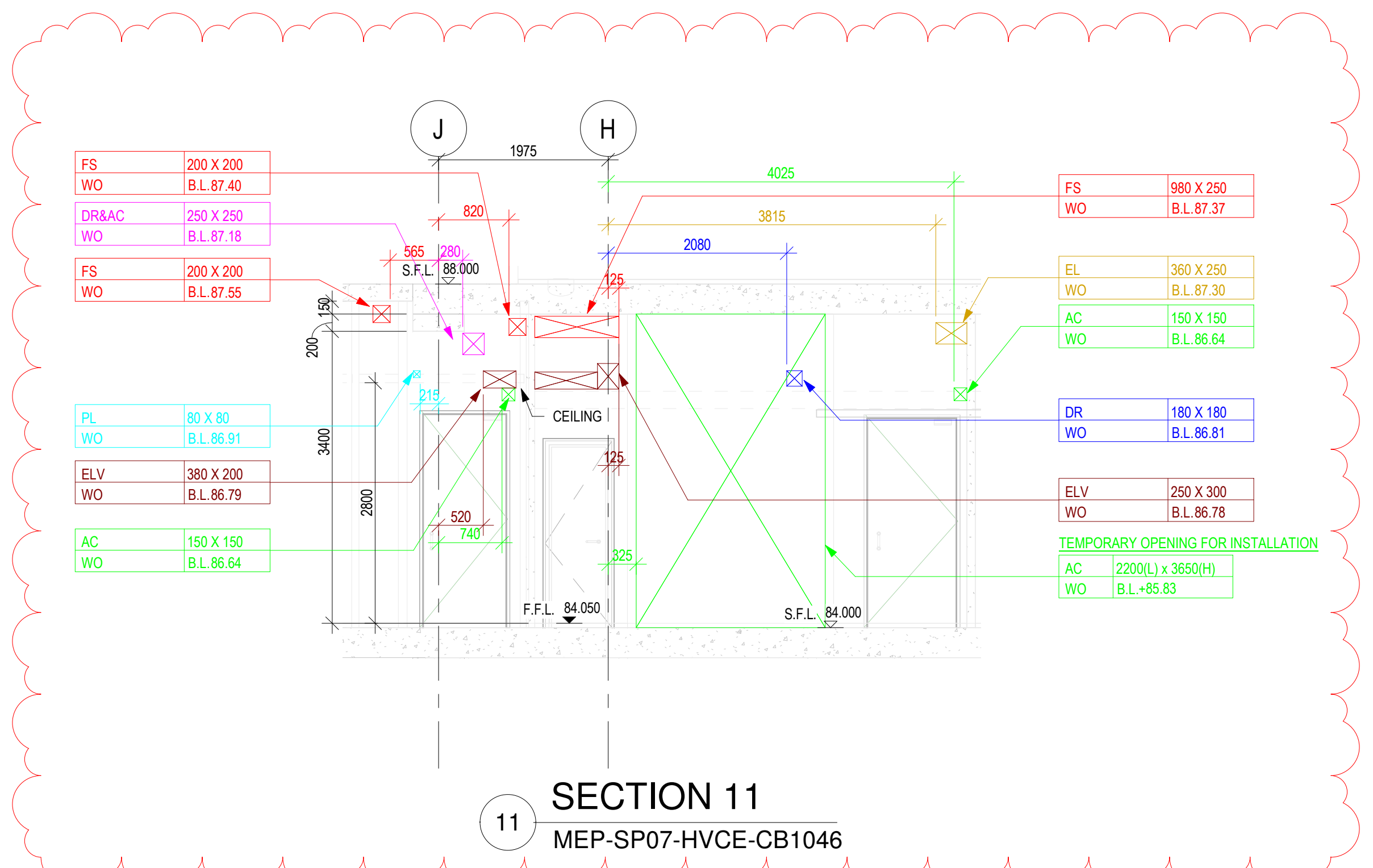
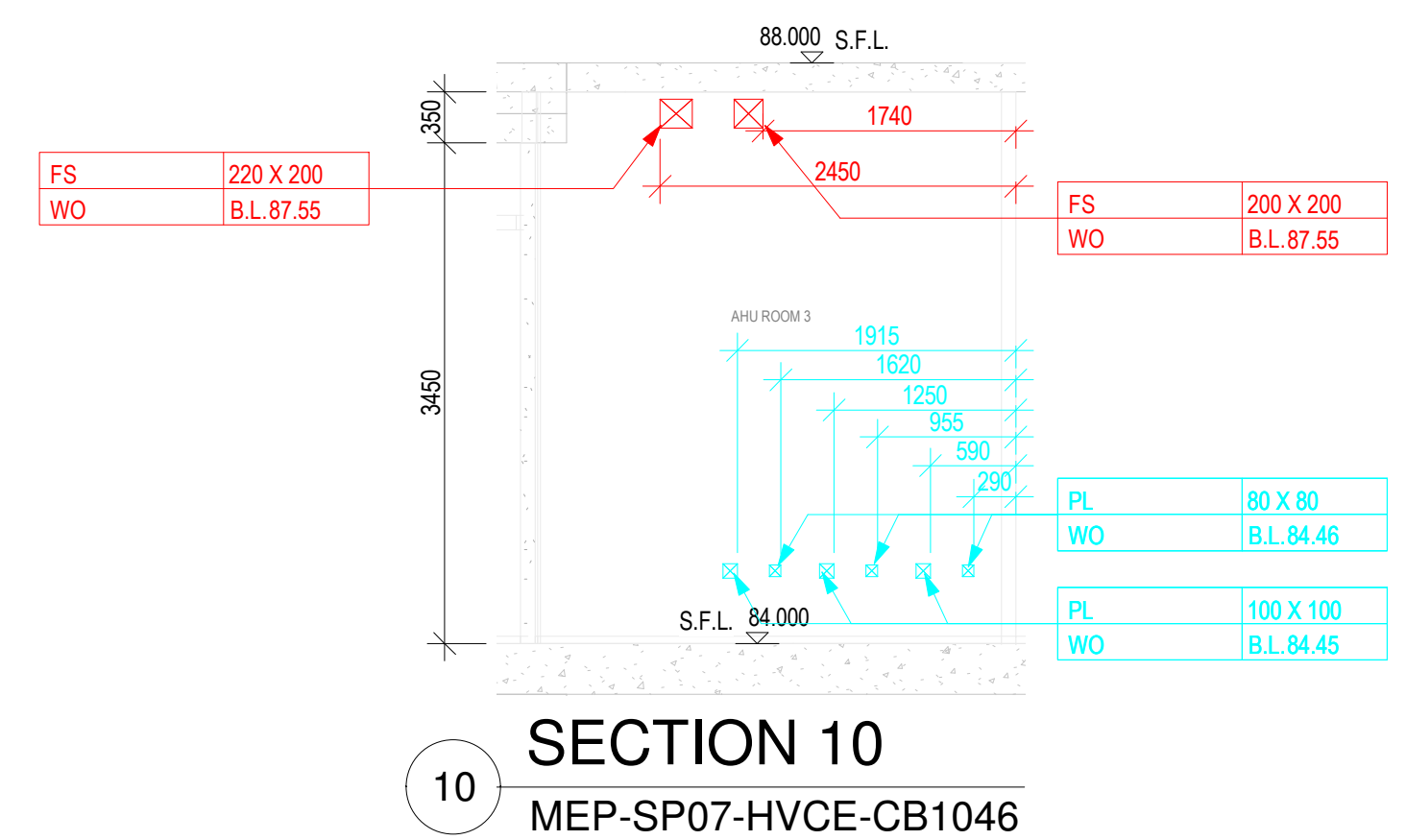
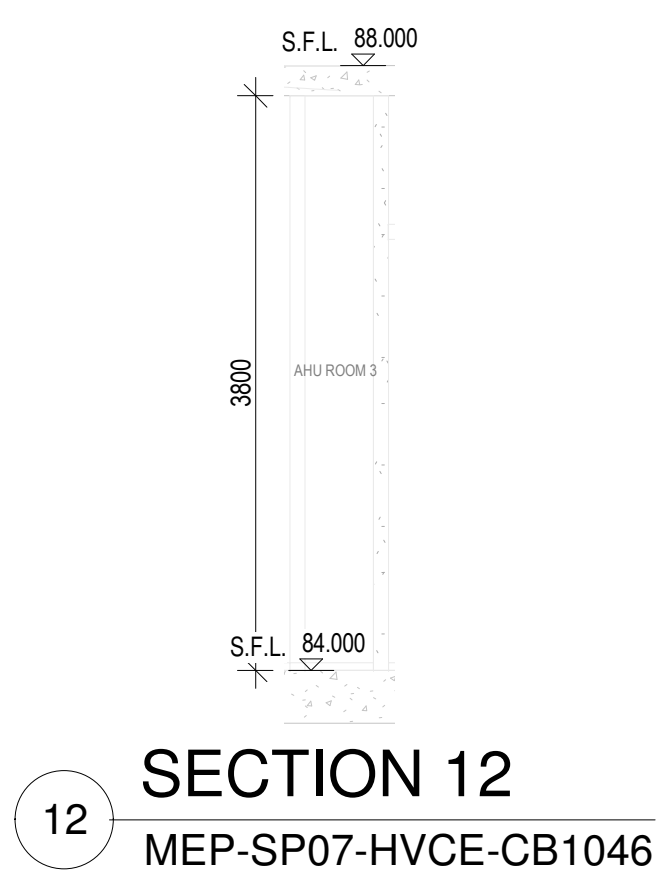
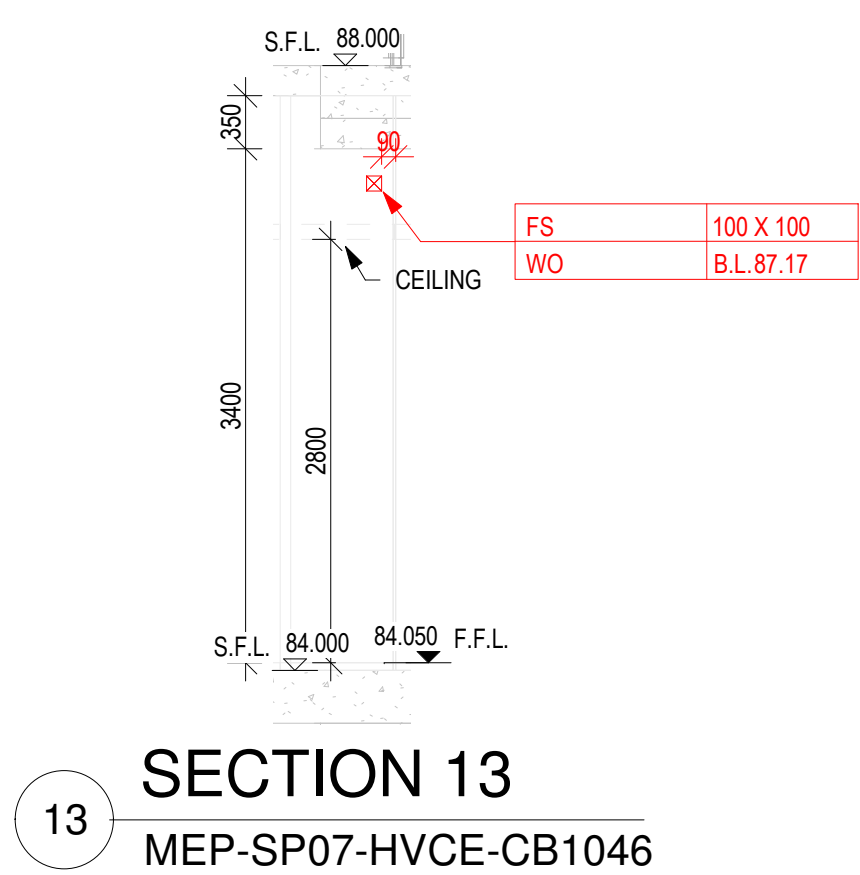
CHECKED

SCALE 1 : 50 @ A1

DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE-CB2552

REV -



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. DR - DRAINAGE SERVICES
B. EL - ELECTRICAL SERVICES
C. ELV - ELV SERVICES
D. FS - FIRE SERVICES
E. PL - PLUMBING SERVICES
F. WO - WALL OPENING
G. SL - SLAB OPENING
H. FLOOR BEAM OPENING
I. HATCH BEAM
J. HATCHES
K. OPENING SIZE (W X H)
L. BOTTOM LEVEL
M. CENTER LEVEL OF PIPE SLEEVE

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

REV. 4
D
B
C
B
-
C
C
C
A

SERVICES PROVIDE

COLOUR CODE NO.

ARCHITECTURE (ARCH) COLOUR CODE: 255 255 255

STRUCTURE (STR) COLOUR CODE: 128 128 128

HVAC SERVICES (AC) COLOUR CODE: 0 255 0

DRAINAGE SERVICES (DR) COLOUR CODE: 0 0 255

ELECTRICAL SERVICES (EL) COLOUR CODE: 210 160 0

ELECTRICAL SERVICES (ELV) COLOUR CODE: 128 0 0

GAS SERVICES (GAS) COLOUR CODE: 128 0 255

FIRE SERVICES (FS) COLOUR CODE: 255 0 0

PLUMBING SERVICES (PL) COLOUR CODE: 0 255 255

KITCHEN SERVICES (KE) COLOUR CODE: 255 128 0

COMBINED OPENING COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION 19-07-2018

REV. DESCRIPTION DATE INIT

DO NOT SCALE DRAWINGS.
ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 3 OF 66

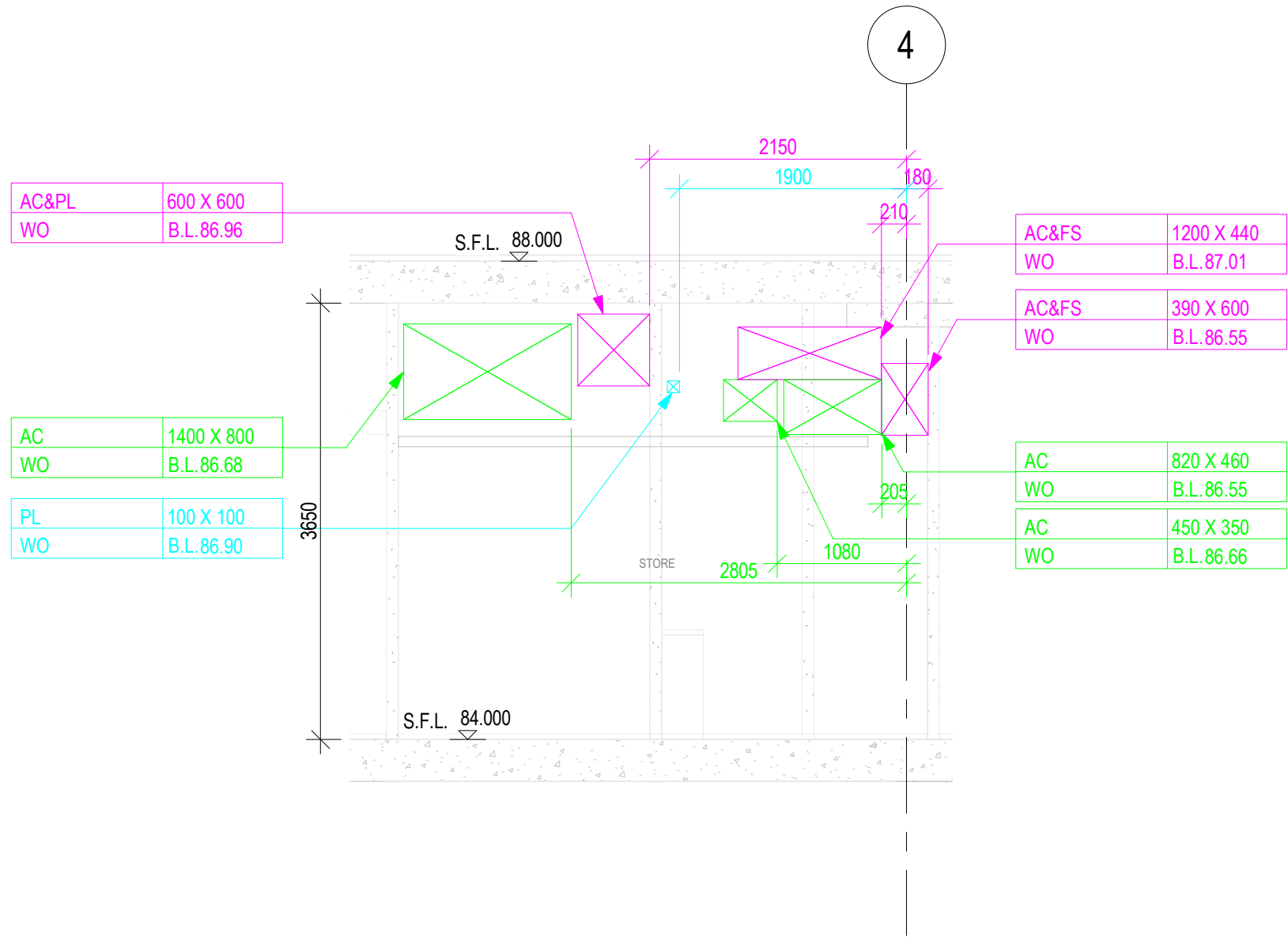
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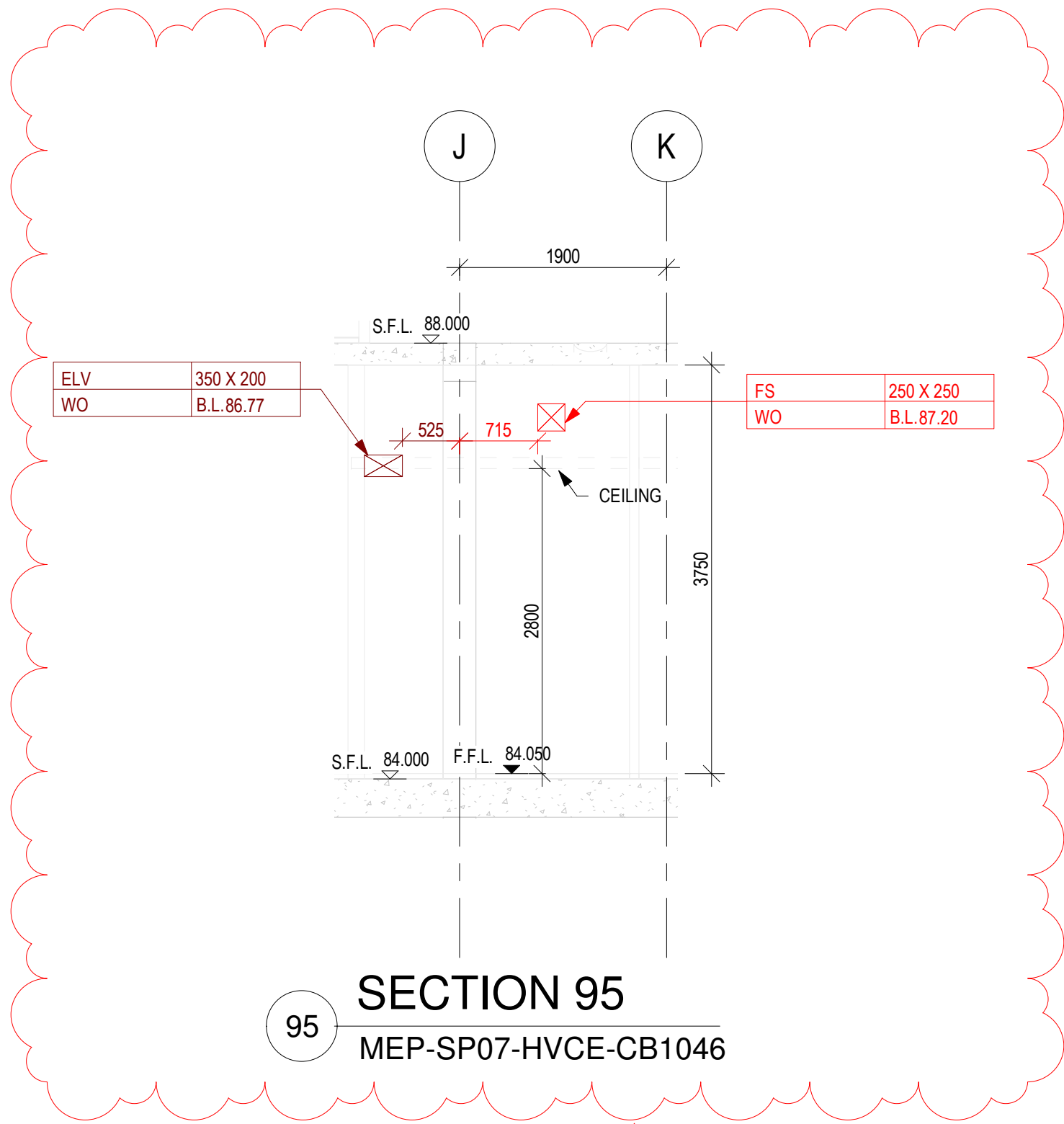
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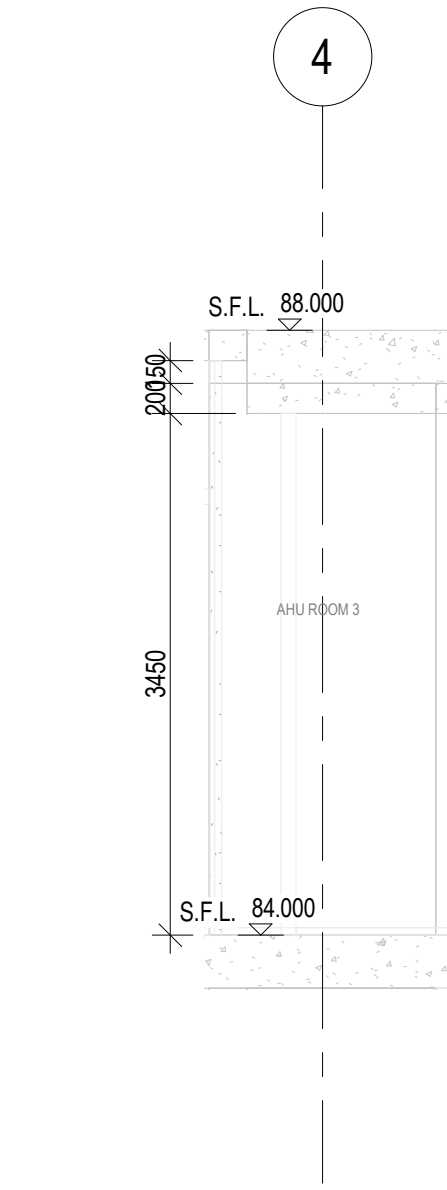
MEP-SP07-HVCE-CB2553 -



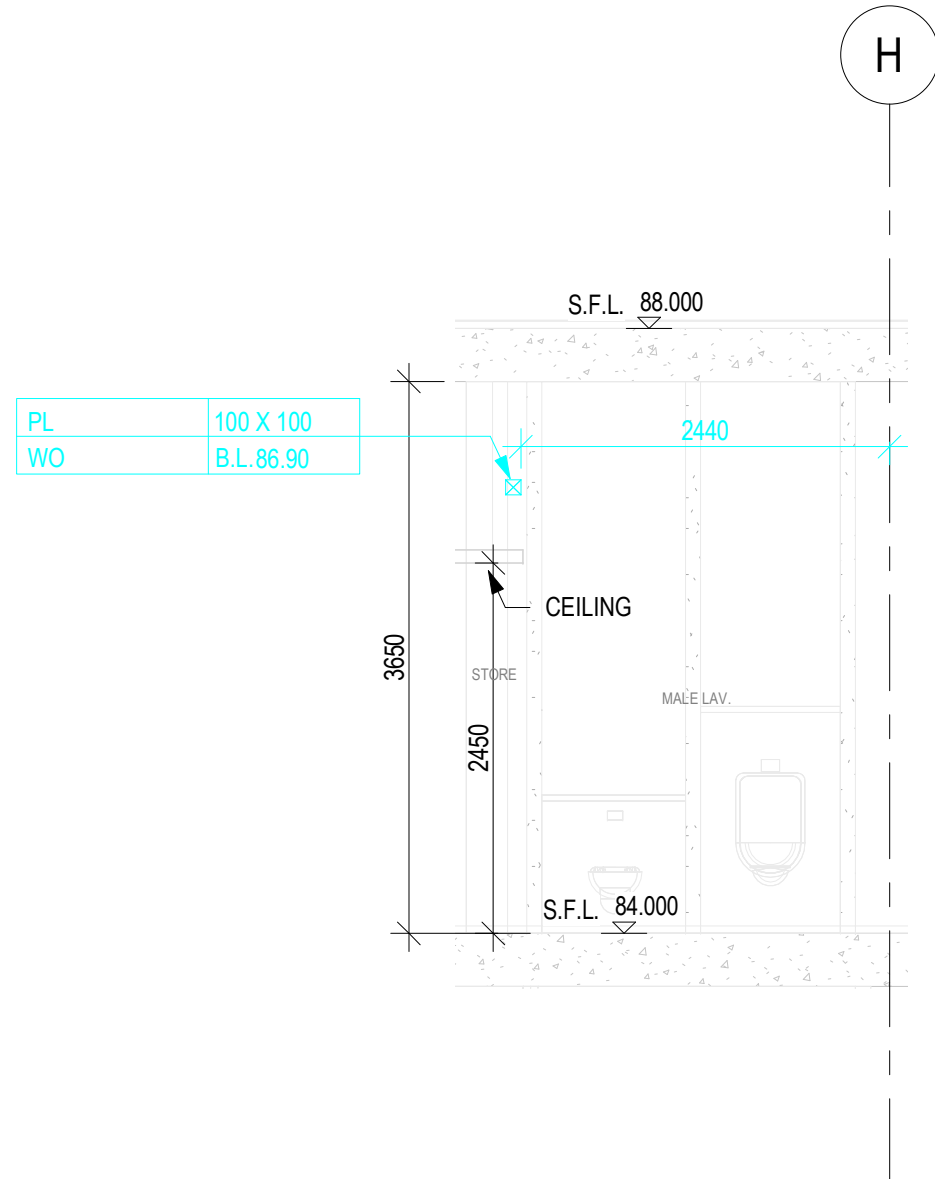
SECTION 17
MEP-SP07-HVCE-CB1046



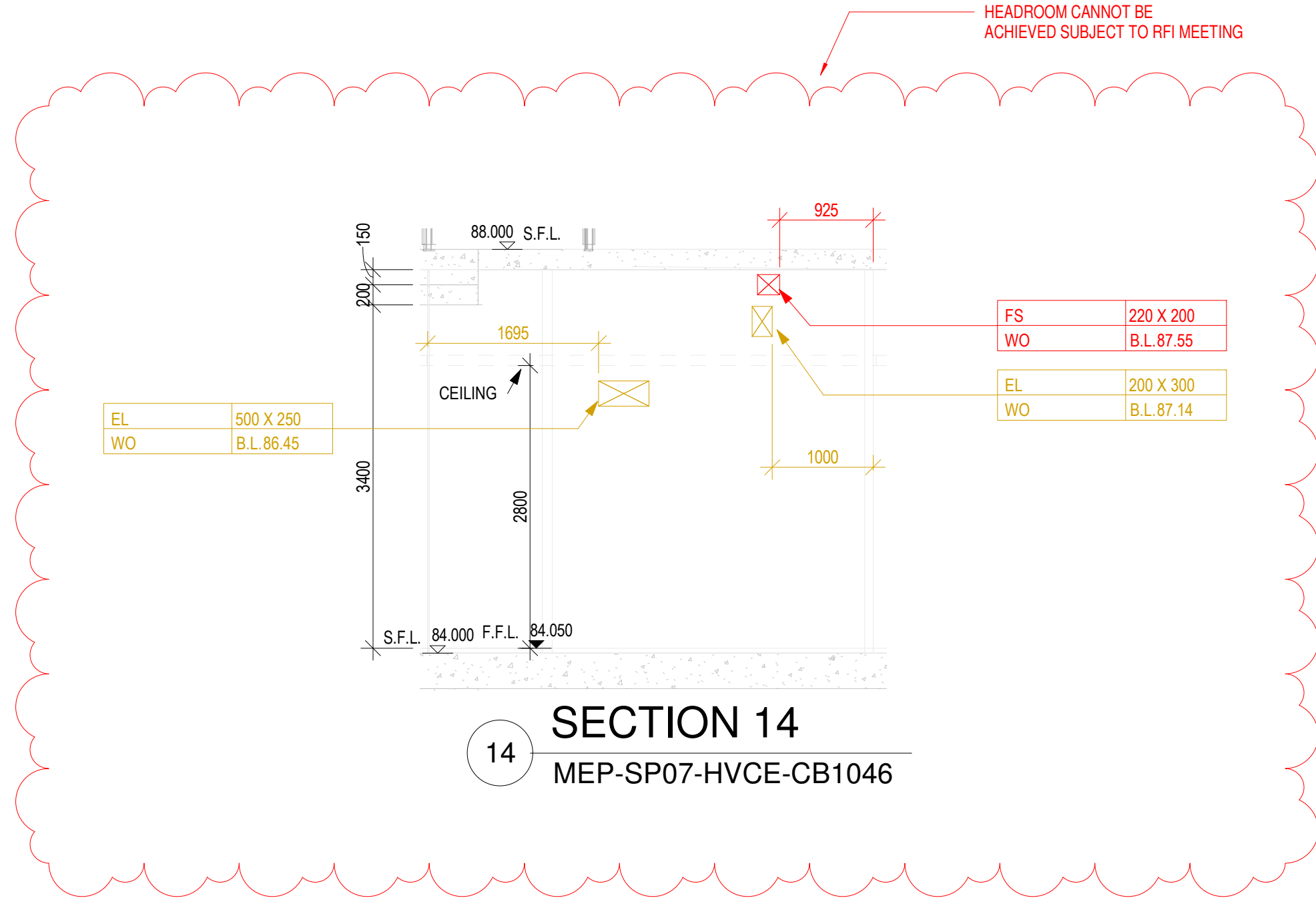
SECTION 95
MEP-SP07-HVCE-CB1046



SECTION 15
MEP-SP07-HVCE-CB1046



SECTION 16
MEP-SP07-HVCE-CB1046



SECTION 14
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE SERVICES
B. - STRUCTURE (STR)
C. - HVAC SERVICES (AC)
D. - DRAINAGE SERVICES (DR)
E. - ELECTRICAL SERVICES (EL)
F. - FIRE SERVICES (FS)
G. - GAS SERVICES (GAS)
H. - PLUMBING SERVICES (PL)
I. - WALL OPENING
J. - SLAB OPENING
K. - FLOOR BEAM OPENING
L. - HATCH BEAM
M. - RECESSES
N. - OPENING SIZE (W X H)
O. - BOTTOM LEVEL
P. - CENTER LEVEL OF PIPE SLEEVE
Q. - ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL
R. - ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	-
EL(POWER)	2502303A-EL-412 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-212 (AI-114)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 4 OF 66

DRAWN

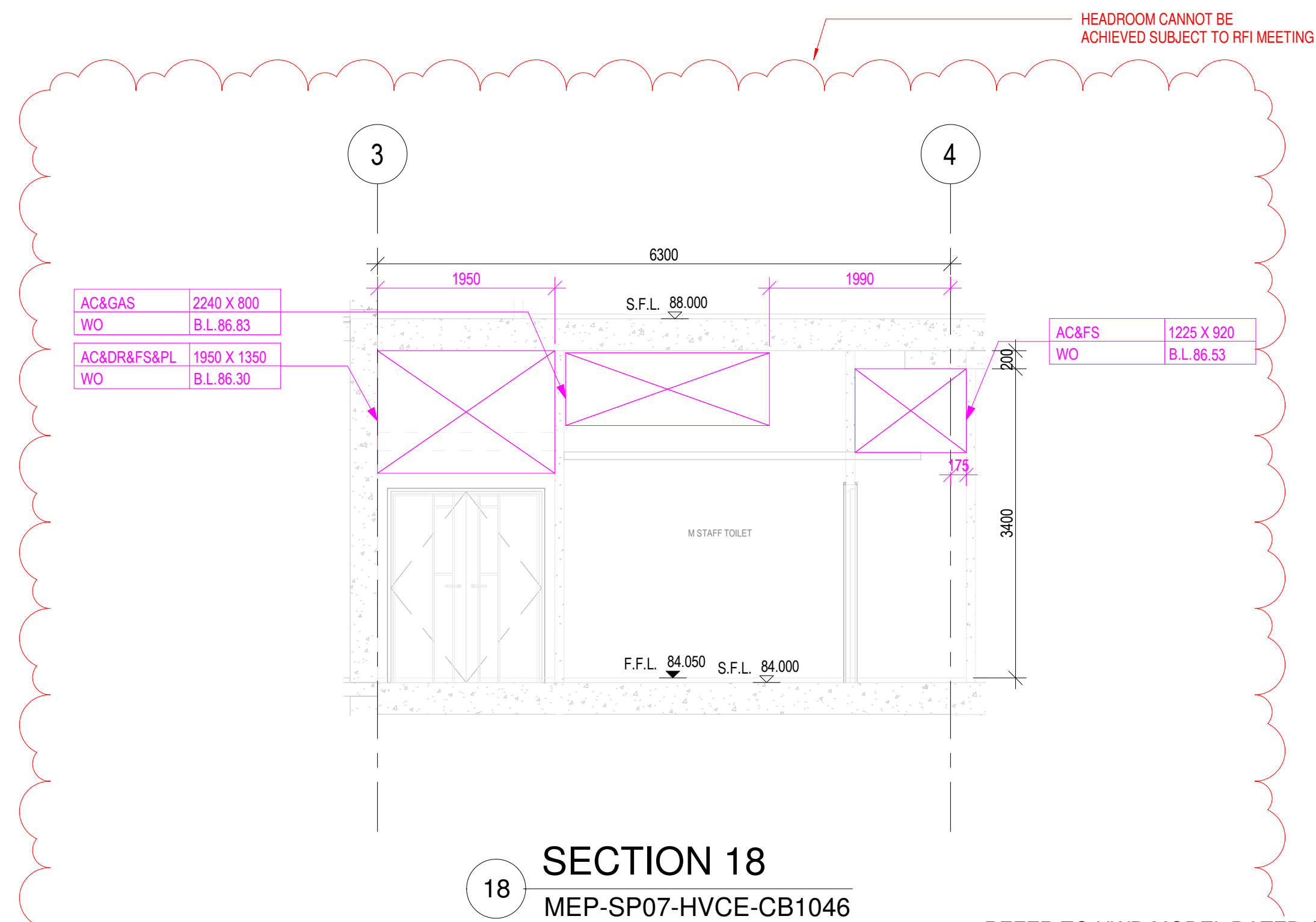
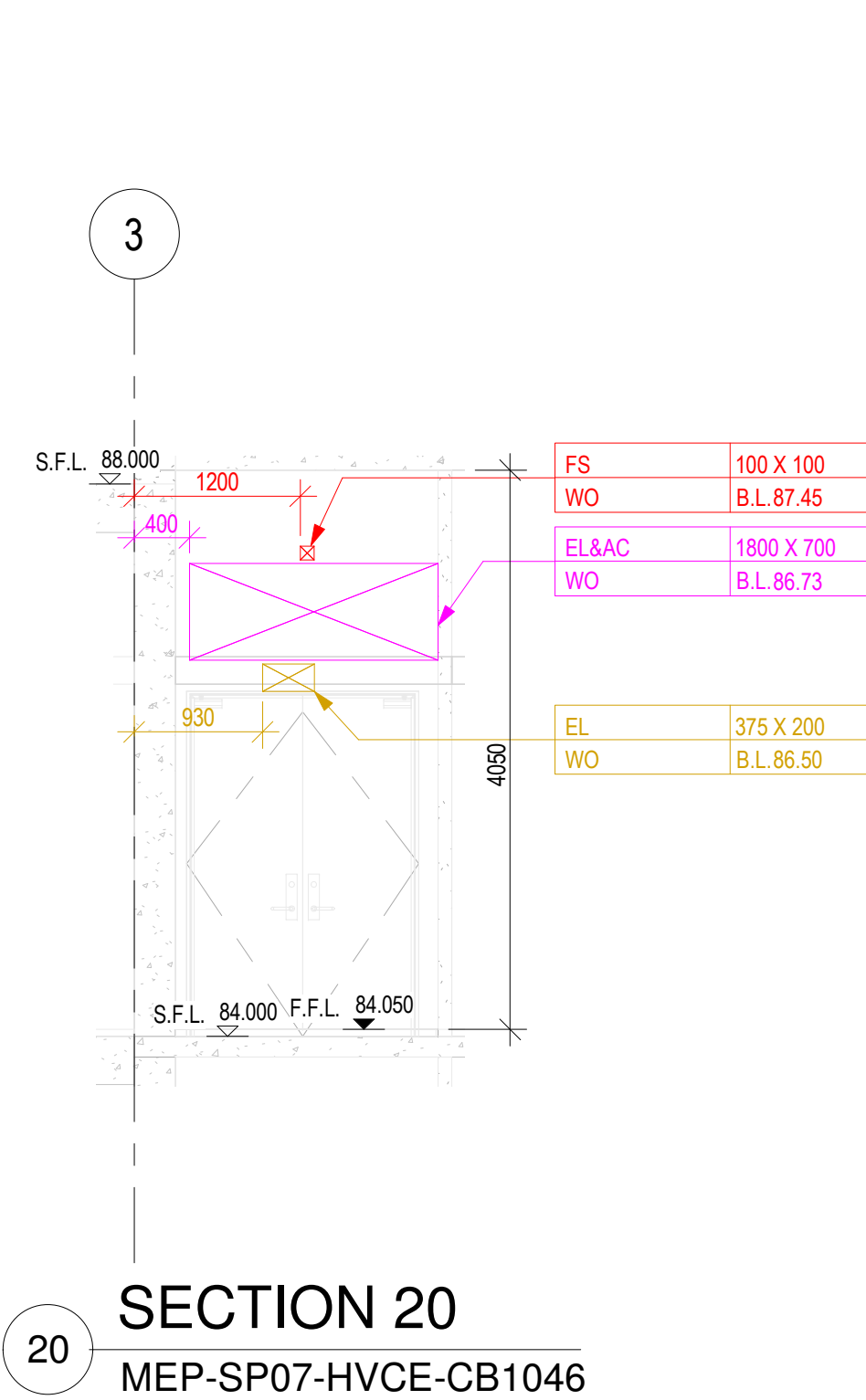
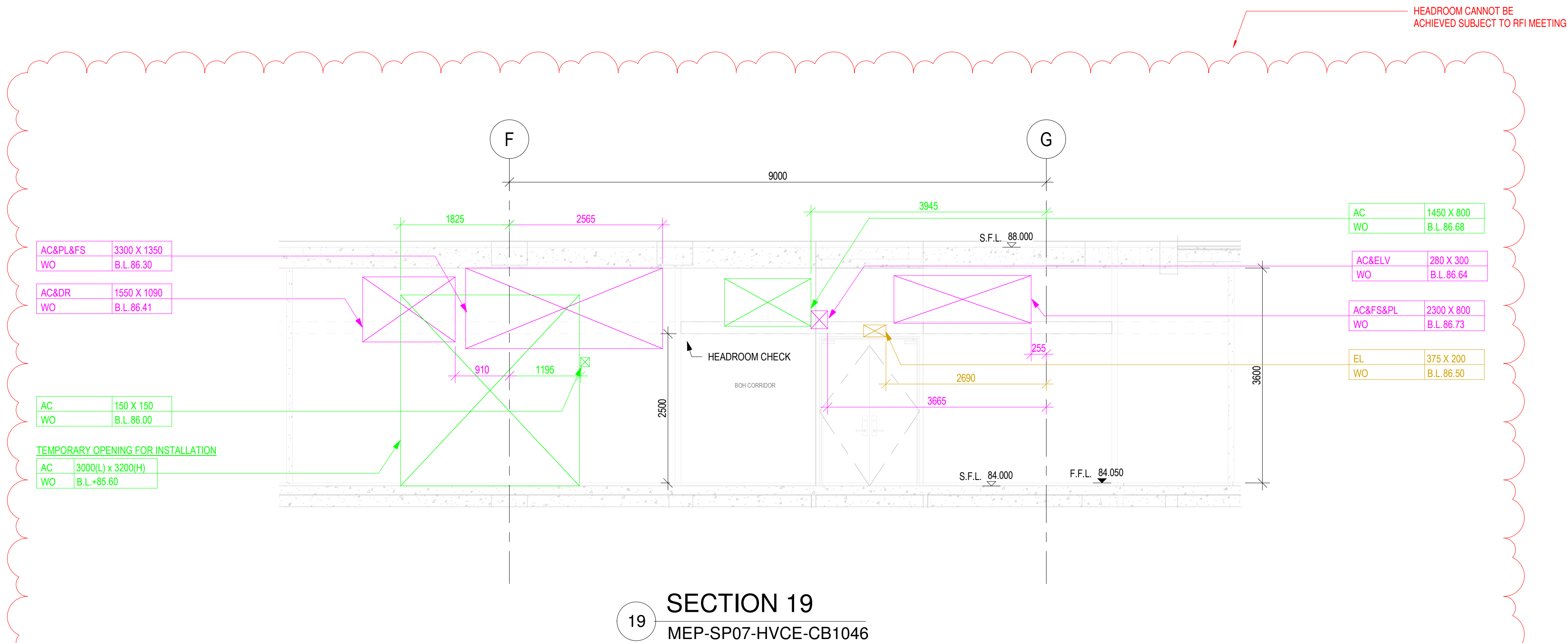
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SCALE 1 : 50 @ A1

DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE-CB2554

REV -



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEV SERVICES
FIRE - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BS - FLOOR BEAM OPENING
HB - HATCH BEAM
RE - RECESSES
OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SERVICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SEcurity)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 5 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

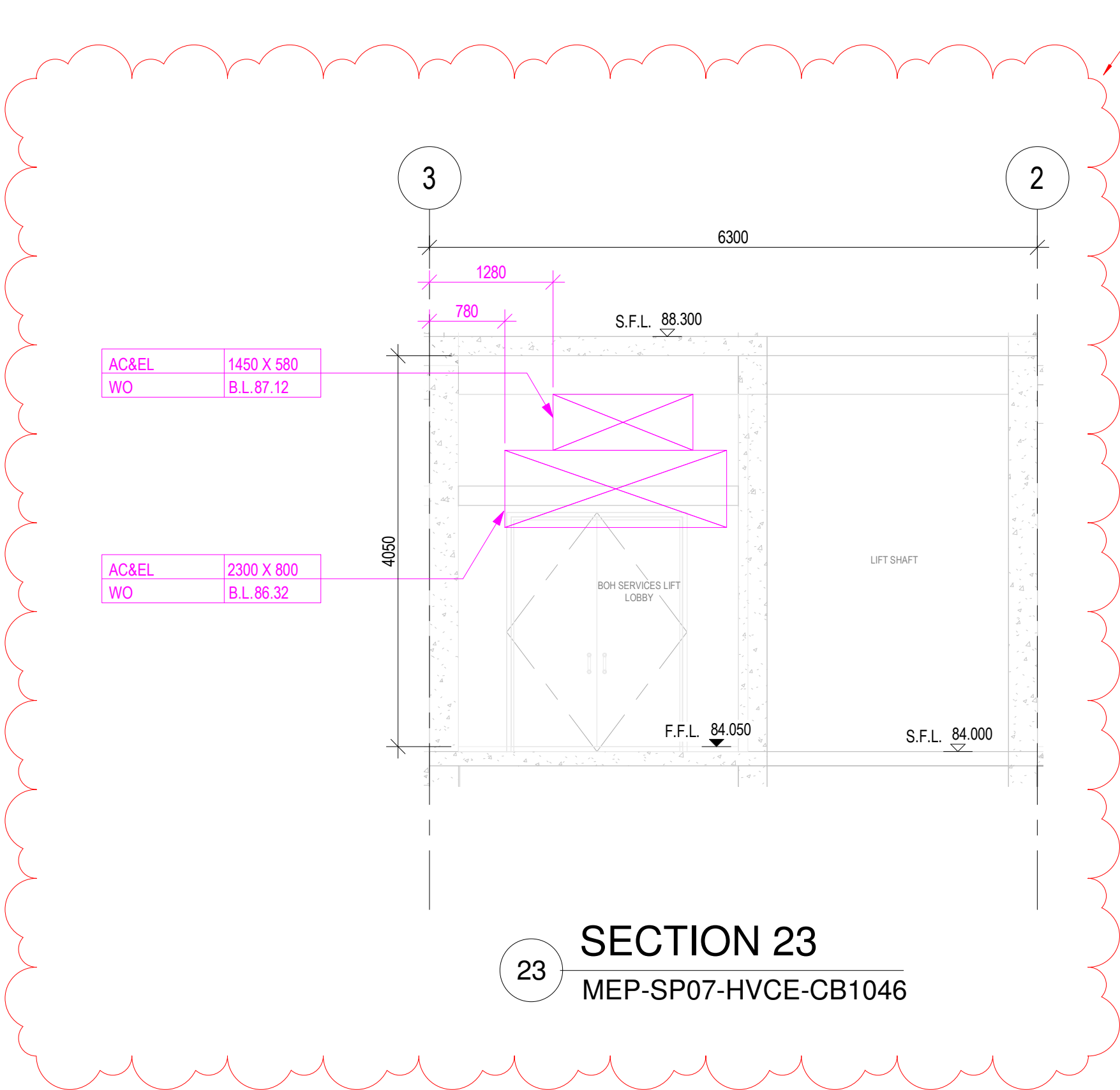
DATE 19-07-2018

DRAWING NO.

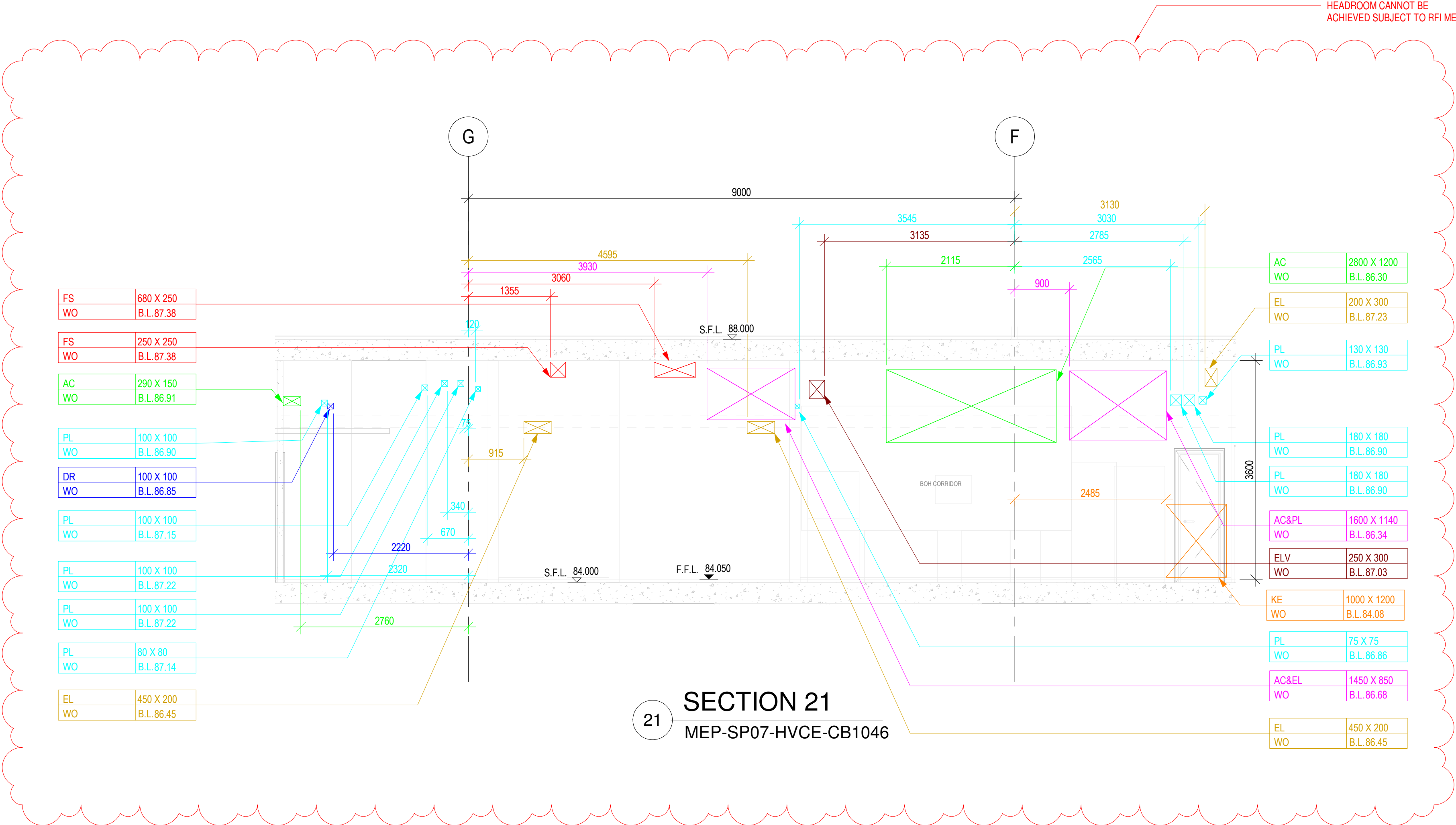
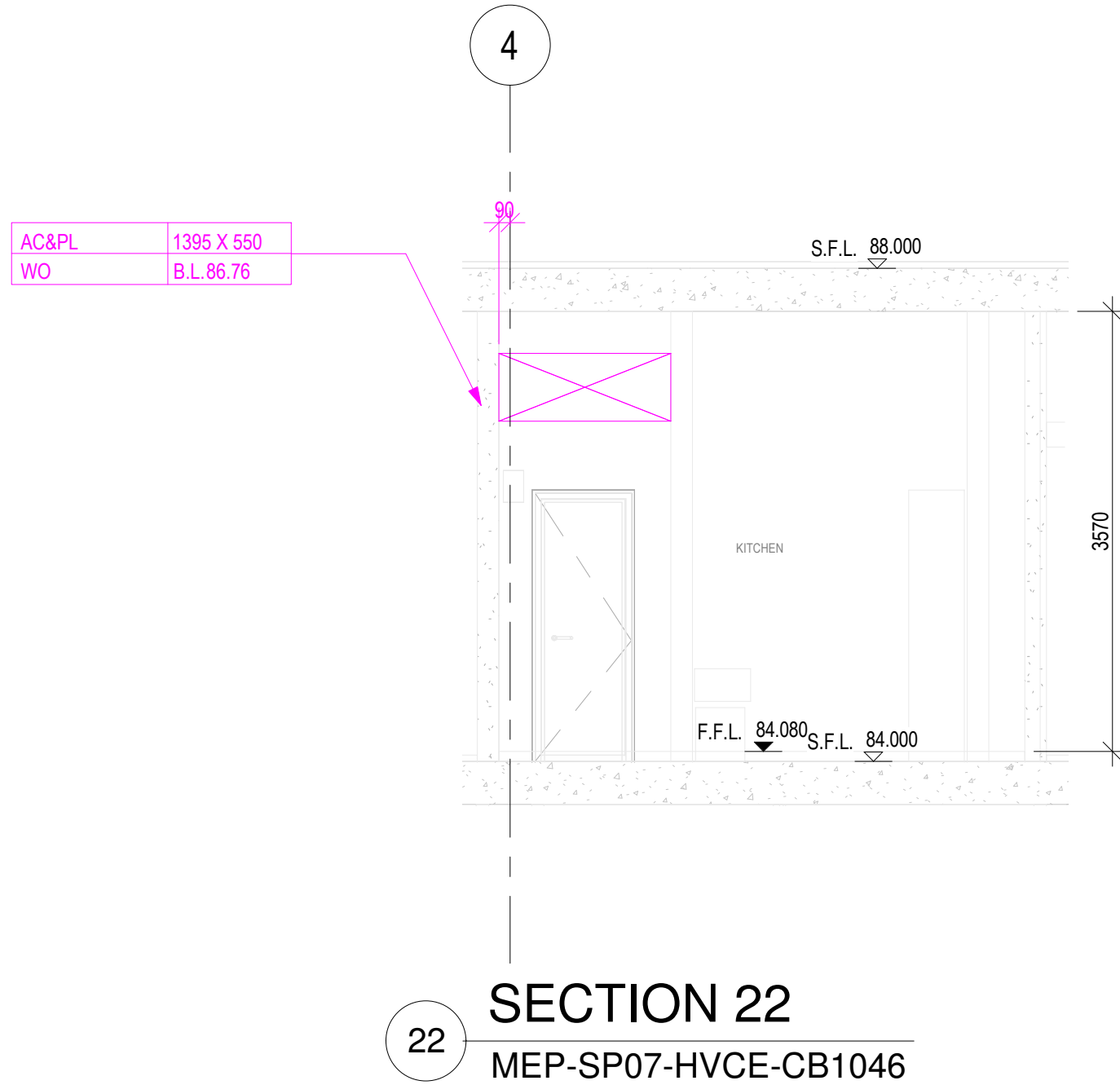
REV

MEP-SP07-HVCE-CB2555

-



HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



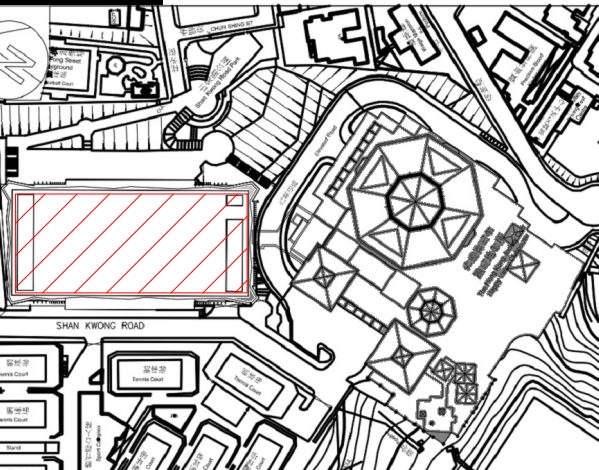
REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

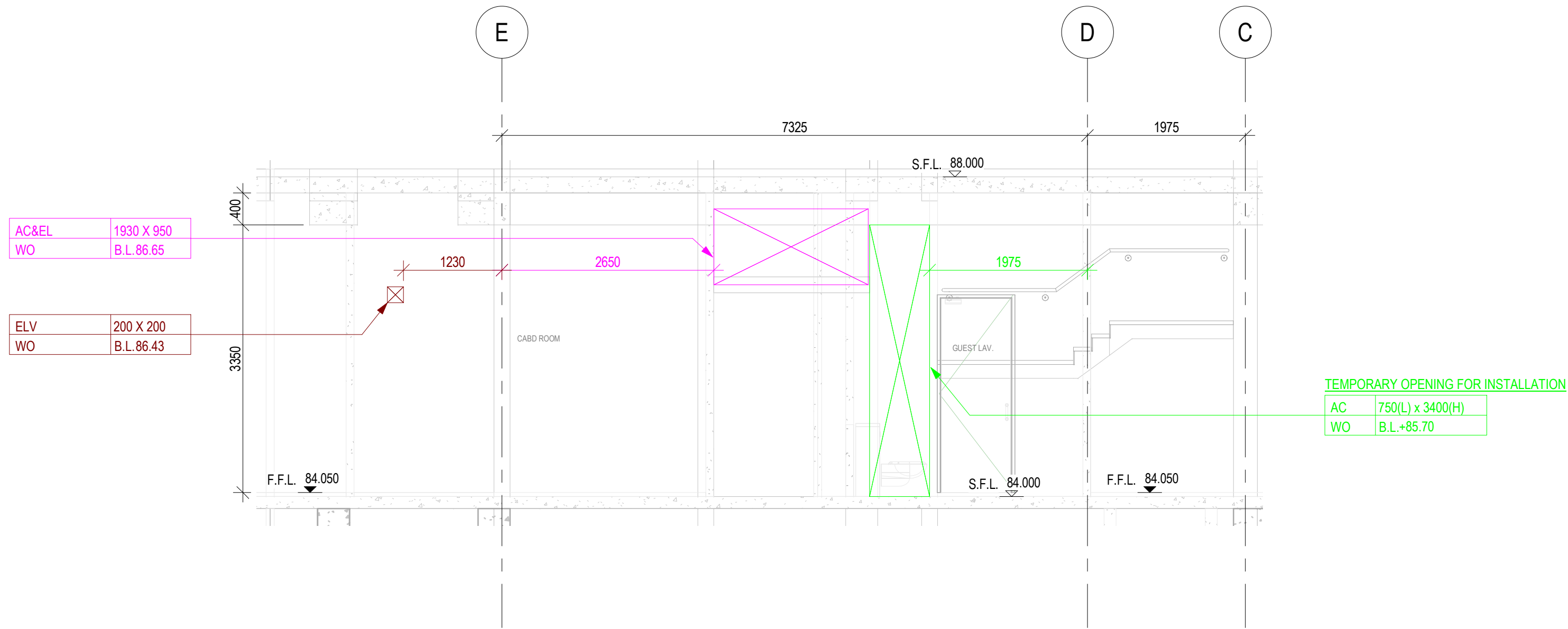
COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE			
F.S.D.REFERENCE			
KEYPLAN			
DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.			
NOTES: 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL. 3. A. AC - MECHANICAL SERVICES B. DR - DRAINAGE SERVICES C. EL - ELECTRICAL SERVICES D. ELV - ELEVATOR SERVICES E. FS - FIRE SERVICES F. PL - PLUMBING SERVICES G. WO - WALL OPENING H. SO - SLAB OPENING I. BO - FLOOR BEAM OPENING J. HB - HATCH BEAM K. RC - RECESSES L. OPENING SIZE (W X H) M. B.L. - BOTTOM LEVEL N. C.L. - CENTER LEVEL OF PIPE SLEEVE O. ALL OPENING AT PRECAST FACADE REFER TO CDM FOR PRECAST FACADE PANEL. P. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.			
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			
TRADE	DWG. NO.	REV.	
ARCH	2016 (AI-185)	4	
STR	L801 (AI-047)	D	
HVAC	2502303A-AC-212 (AI-114)	B	
FS	2502303A-FS-212 (AI-114)	C	
PL	2502303A-PL-211 (AI-140)	B	
DR	2502303A-DR-212 (AI-140)	B	
GAS	TC-SH-ICE-DOOF	-	
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-	
EL(POWER)	2502303A-EL-312 (AI-114)	C	
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C	
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C	
SEC(Security)	2502303A-SEC-212 (AI-114)	A	
SERVICES PROVIDE			
ARCHITECTURE (ARCH)		COLOUR CODE: 255 255 255	
STRUCTURE (STR)		COLOUR CODE: 128 128 128	
HVAC SERVICES (AC)		COLOUR CODE: 0 255 0	
DRAINAGE SERVICES (DR)		COLOUR CODE: 0 0 255	
ELECTRICAL SERVICES (EL)		COLOUR CODE: 210 160 0	
ELECTRICAL SERVICES (ELV)		COLOUR CODE: 128 0 0	
GAS SERVICES (GAS)		COLOUR CODE: 128 0 255	
FIRE SERVICES (FS)		COLOUR CODE: 255 0 0	
PLUMBING SERVICES (PL)		COLOUR CODE: 0 255 255	
KITCHEN SERVICES (KE)		COLOUR CODE: 255 128 0	
COMBINED OPENING		COLOUR CODE: 255 0 255	
REV			
1ST CBWD SUBMISSION	19-07-2018	DATE	INIT
- DO NOT SCALE DRAWINGS. - ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			
CLIENT			
DESIGN ARCHITECT			
EXECUTIVE ARCHITECT			
STRUCTURAL & GEOTECHNICAL ENGINEER			
M&E CONSULTANT			
MAIN CONTRACTOR			
SUB-CONTRACTOR			
PROJECT			
DRAWING TITLE COMBINED BUILDER'S WORK DRAWING MAIN BUILDING 8/F SECTIONS SHEET 6 OF 66			
DRAWN			
CHECKED			
SCALE 1:50 @ A1		DATE	19-07-2018
DRAWING NO.		REV	
MEP-SP07-HVCE-CB2556			-

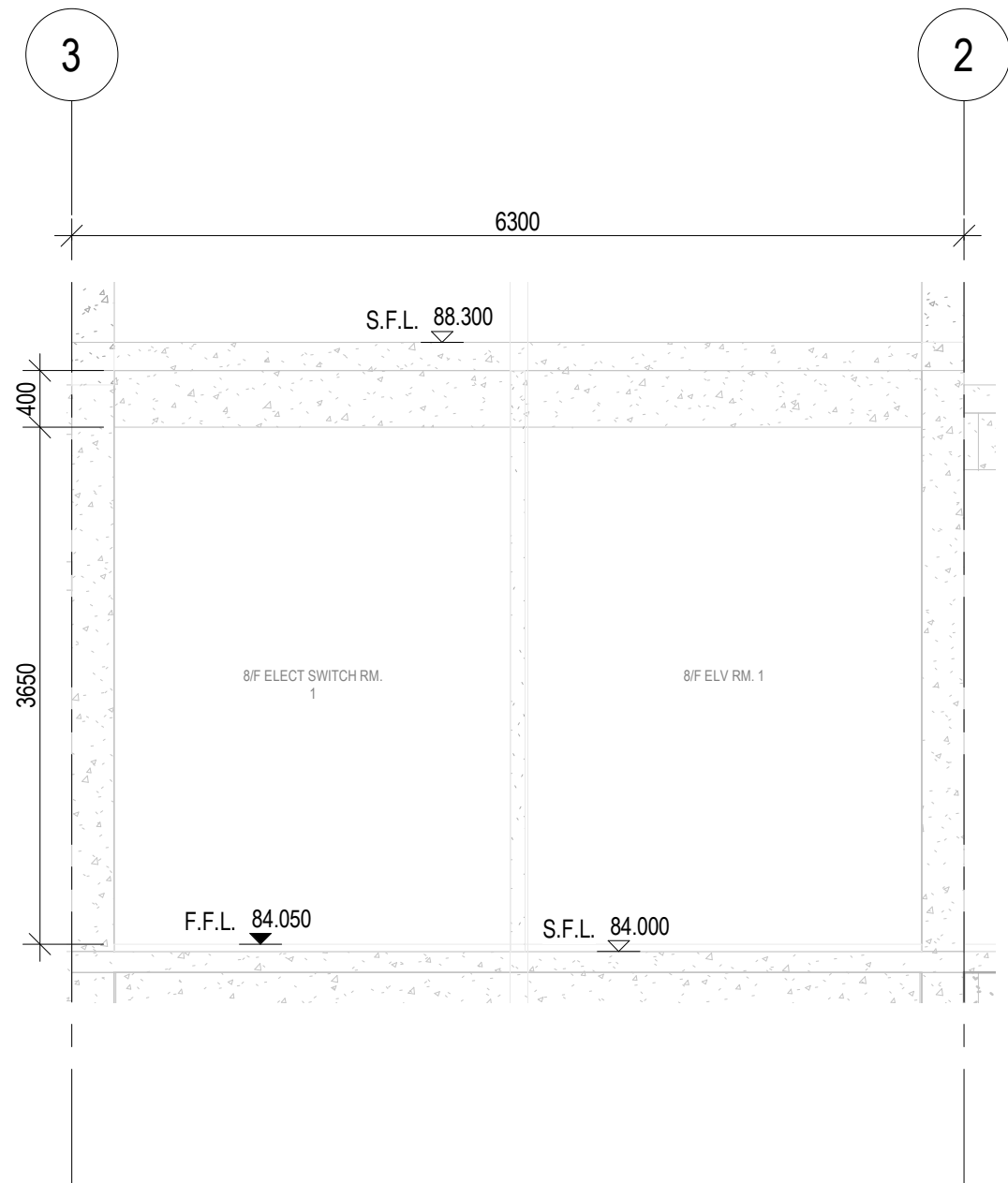


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

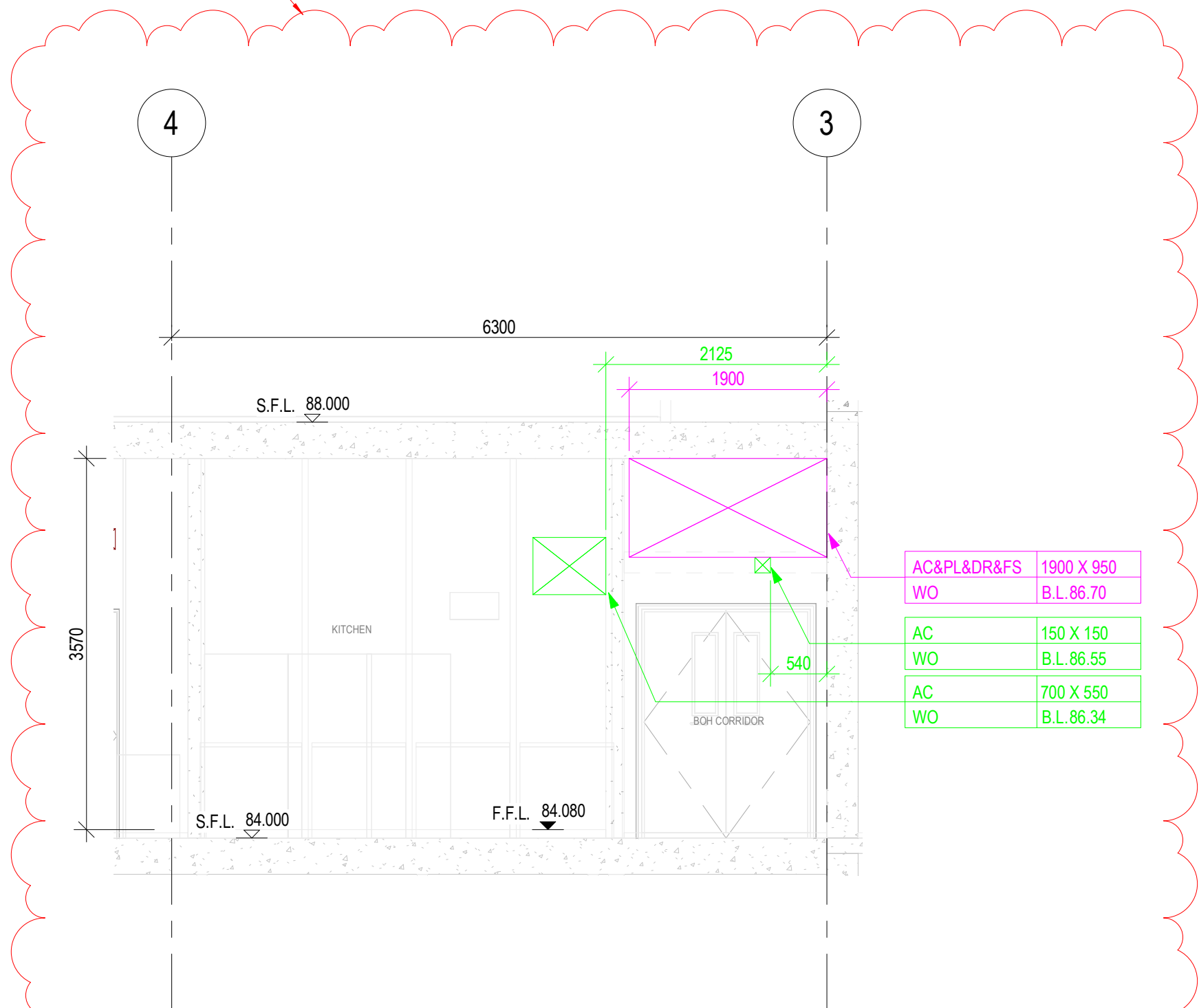
B.D. REFERENCE			
F.S.D. REFERENCE			
KEYPLAN  DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED. NOTES 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. C.L. - CENTER LEVEL AL - LOW LEVEL BL - BOTTOM LEVEL LL - LOW LEVEL 3. A. DR - DRAINAGE SERVICES EL - ELECTRICAL SERVICES ELV - ELEVATOR ENG - ENGINE SERVICES FS - FIRE SERVICES PL - PLUMBING SERVICES NO - WALL OPENING SO - SUB-OPENING NO - FLOOR BEAM OPENING HB - HANDICAP BEAM RE - RECESS OR - OPENING ASSESSMENT (H/W/P) BL - BOTTOM LEVEL CL - CENTER LEVEL OF PIPE SLUICE 4. OPENINGS VISIBLE TO CURRENT FLOOR OPENING OPENING 5. ALL OPENING AT PRECAST PACKAGE REFER TO CHORD FOR PRECAST PACKAGE PANEL. 6. ALL VESTIBULE RECESSES FOR INSTALLATION SHOULD BE 400MM.			
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			
TRADE	DWG. NO.	REV	
ARCH	2016 (AI-185)	A	
STR	L801 (AI-047)	D	
HVAC	25023033A-AC-212 (AI-114)	B	
FS	25023033A-FS-212 (AI-114)	C	
PL	25023033A-PL-211 (AI-140)	B	
DR	25023033A-DR-212 (AI-140)	B	
GAS	TC-SHROCE-DOGF	-	
EL(LIGHTING)	25023033A-EL-211 (AI-107)	-	
EL(POWER)	25023033A-EL-312 (AI-114)	C	
EL(CABLE CONTAINMENT)	25023033A-EL-412 (AI-140)	C	
EL(VLV & CABLE CONTAINMENT)	25023033A-ELV-212 (AI-114)	C	
SEC(Security)	25023033A-SEC-212 (AI-114)	A	
SERVICES PROVIDE		COLOUR CODE NO:	
	ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255	
	STRUCTURE (STR)	COLOUR CODE: 128 128 128	
	HVAC SERVICES (AC)	COLOUR CODE: 0 255 0	
	DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255	
	ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0	
	ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0	
	GAS SERVICES (GAS)	COLOUR CODE: 128 0 255	
	FIRE SERVICES (FS)	COLOUR CODE: 255 0 0	
	PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255	
	KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0	
	COMBINED OPENING	COLOUR CODE: 255 0 255	
REV	DESCRIPTION	DATE	INIT
-	1ST CWD SUBMISSION	19-07-2018	
- DO NOT SCALE DRAWINGS.			
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			
CLIENT			
DESIGN ARCHITECT			
EXECUTIVE ARCHITECT			
STRUCTURAL & GEOTECHNICAL ENGINEER			
M&E CONSULTANT			
MAIN CONTRACTOR			
SUB-CONTRACTOR			
PROJECT			
DRAWING TITLE			
COMBINED BUILDER'S WORK DRAWING			
MAIN BUILDING			
8/F SECTIONS			
SHEET 7 OF 66			
DRAWN			
CHECKED			
SCALE		1 : 50 @ A1	DATE
DRAWING NO.		19-07-2018	
MEP-SP07-HVCE-CB2557		REV	



29 SECTION 29
MEP-SP07-HVCE-CB1046



30 SECTION 30
MEP-SP07-HVCE-CB1046



28 SECTION 28
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - MECHANICAL SERVICES
DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEVATOR SERVICES
FNG - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BO - FLOOR BEAM OPENING
HB - HANGING BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
5. ALL OPENING AT PRECAST FACADE REFER TO CEMD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-140)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(VELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 8 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1 DATE 19-07-2018

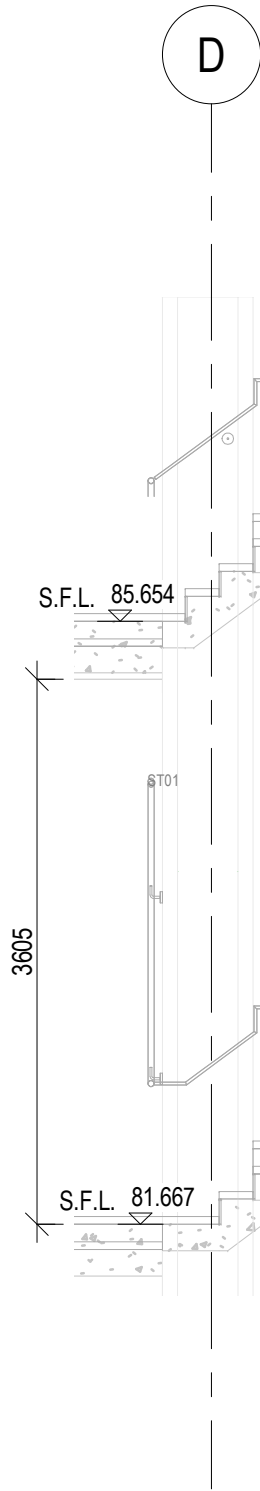
DRAWING NO. REV

MEP-SP07-HVCE- CB2558 -

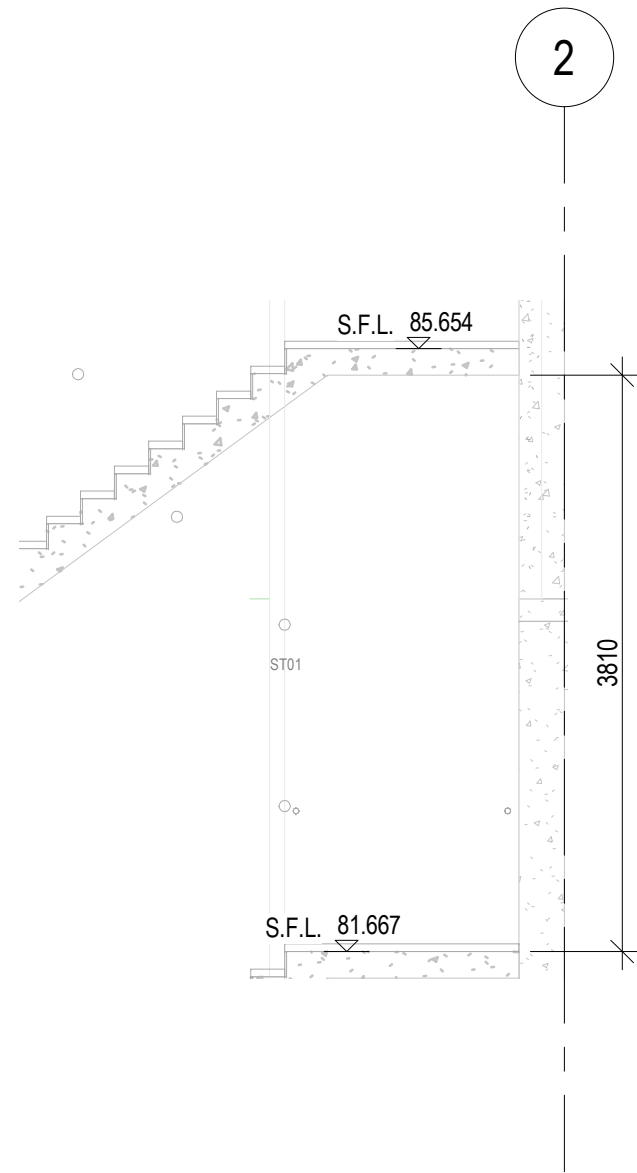


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

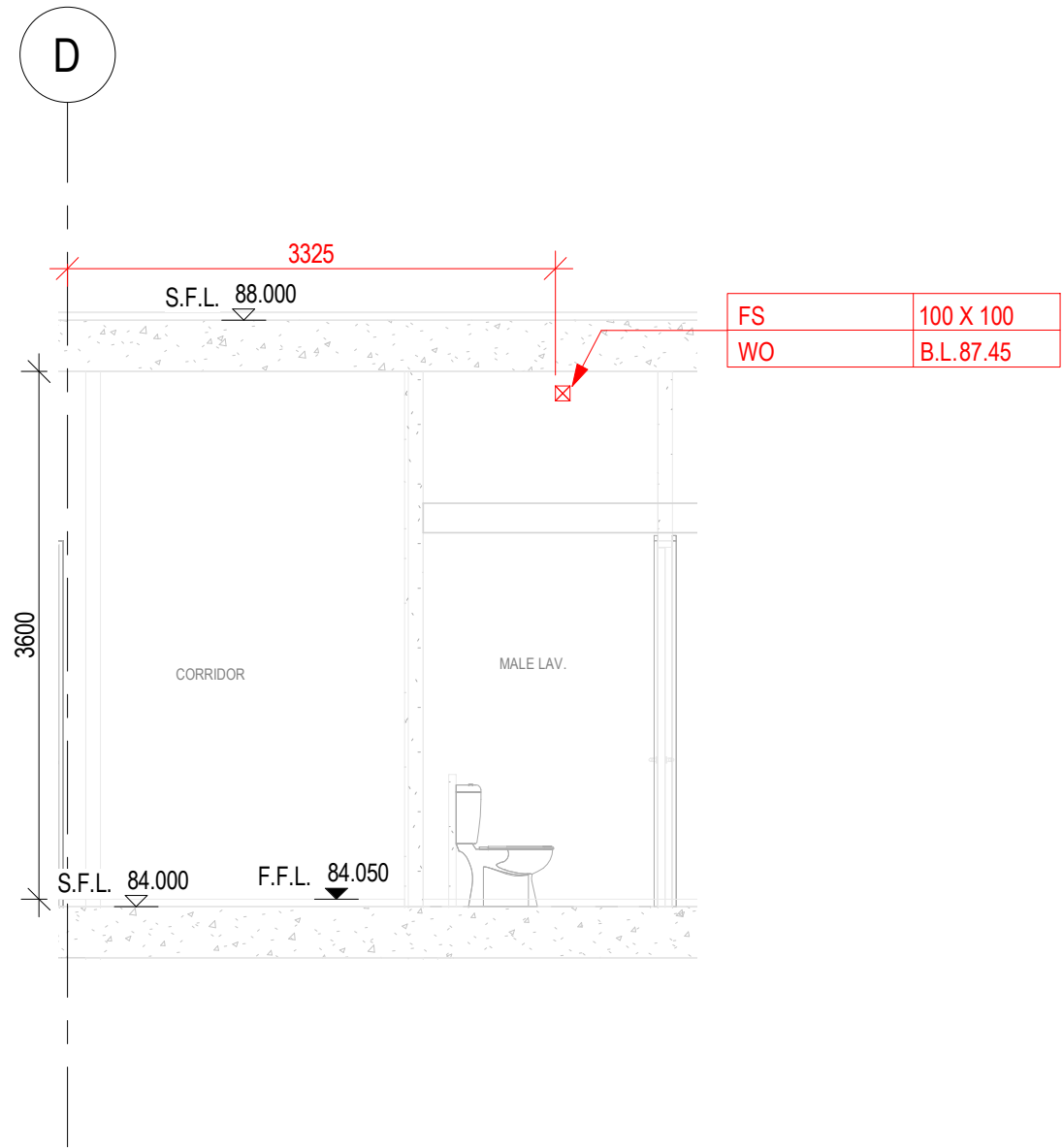
B.D.REFERENCE			
F.S.D.REFERENCE			
KEYPLAN			
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.			
2. ALL CENTER LEVEL, H.L. - HIGH LEVEL, BL. - BOTTOM LEVEL, L.L. - LOW LEVEL.			
3. A. AC - HVAC SERVICES DR - DRAINAGE SERVICES EL - ELECTRICAL SERVICES EVL - ELEV SERVICES FMS - FIRE SERVICES PL - PLUMBING SERVICES FS - FIRE SERVICES W/O - WALL OPENING S/O - SUB OPENING B/O - FLOOR BEAM OPENING H/O - HAND OVER RE - RECESS OP - OPENING BL - BOTTOM LEVEL CL - CENTER LEVEL OF PIPE SLEEVE			
4. ALL SETBACKS/RECESSES FOR CURTAIN WALLS SHOULD BE 400MM.			
5. ALL OPENING AT PRECAST FACADE REFER TO Q800/FOR PRECAST FACADE PANEL.			
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			
TRADE ARCH STR HVAC PS PL DR GAS EL (LIGHTING) EL (POWER) EL (CABLE CONTAINMENT) ELV (ELV & CABLE CONTAINMENT) SEC (SECURITY)			
DWG. NO. 2016 (AI-185) L801 (AI-047) 2502303A-AC-212 (AI-114) 2502303A-FS-212 (AI-114) 2502303A-PL-211 (AI-140) 2502303A-DR-212 (AI-140) TC-SHRCE-D06F 2502303A-EL-211 (AI-107) 2502303A-EL-312 (AI-114) 2502303A-EL-412 (AI-140) 2502303A-ELV-212 (AI-114) 2502303A-SEC-212 (AI-114)			
REV 4 D C B B - C C C A			
SERVICES PROVIDE			
COLOUR CODE NO:			
ARCHITECTURE (ARCH) COLOUR CODE: 255 255 255			
STRUCTURE (STR) COLOUR CODE: 128 128 128			
HVAC SERVICES (AC) COLOUR CODE: 0 255 0			
DRAINAGE SERVICES (DR) COLOUR CODE: 0 0 255			
ELECTRICAL SERVICES (EL) COLOUR CODE: 210 160 0			
ELECTRICAL SERVICES (ELV) COLOUR CODE: 128 0 0			
GAS SERVICES (GAS) COLOUR CODE: 128 0 255			
FIRE SERVICES (FS) COLOUR CODE: 255 0 0			
PLUMBING SERVICES (PL) COLOUR CODE: 0 255 255			
KITCHEN SERVICES (KE) COLOUR CODE: 255 128 0			
COMBINED OPENING COLOUR CODE: 255 0 255			
1ST CBWD SUBMISSION			
19-07-2018			
REV DESCRIPTION DATE INIT			
- DO NOT SCALE DRAWINGS.			
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			
CLIENT			
DESIGN ARCHITECT			
EXECUTIVE ARCHITECT			
STRUCTURAL & GEOTECHNICAL ENGINEER			
M&E CONSULTANT			
MAIN CONTRACTOR			
SUB-CONTRACTOR			
PROJECT			
DRAWING TITLE			
COMBINED BUILDER'S WORK DRAWING			
MAIN BUILDING			
8/F SECTIONS			
SHEET 9 OF 66			
DRAWN			
CHECKED			
SCALE 1:50 @ A1 DATE 19-07-2018			
DRAWING NO. REV			
MEP-SP07-HVCE-CB2559			



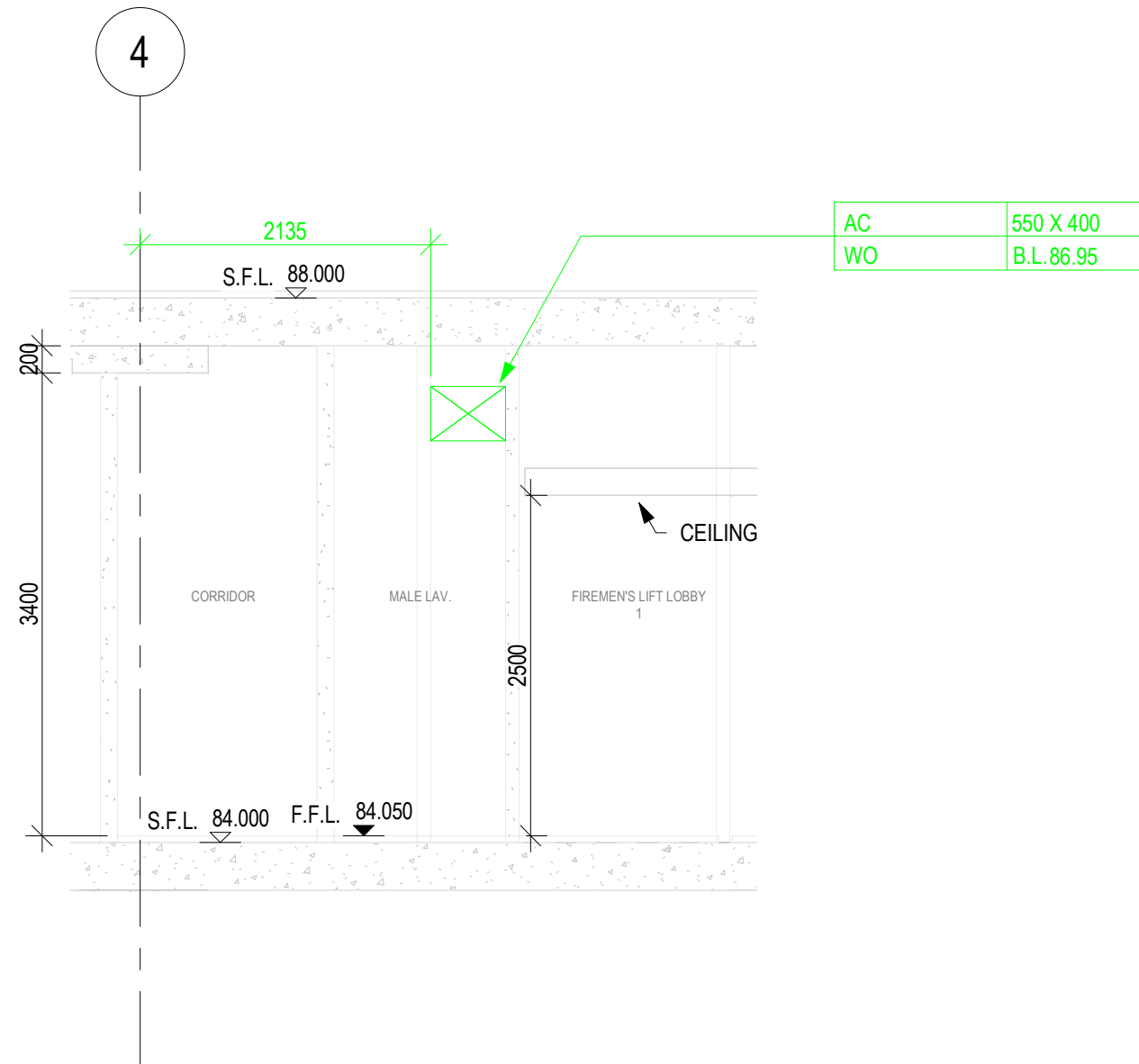
38 SECTION 38
MEP-SP07-HVCE-CB1046



37 SECTION 37
MEP-SP07-HVCE-CB1046



36 SECTION 36
MEP-SP07-HVCE-CB1046



35 SECTION 35
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE
B. - STRUCTURE
C. - CIVIL
D. - MECHANICAL
E. - ELECTRICAL
F. - FIRE
G. - GAS
H. - HYDRAULIC
I. - INDUSTRIAL
J. - JET
K. - KITCHEN
L. - LIGHTING
M. - MATERIAL
N. - NOISE
O. - OTHER
P. - PLUMBING
Q. - QUANTITY
R. - RADIATION
S. - SLOPE
T. - THERMAL
U. - UPLIFT
V. - VIBRATION
W. - WIND
X. - X-RAY
Y. - YIELD
Z. - ZONE

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

REV.

SERVICES PROVIDE

COLOUR CODE NO.

COLOUR CODE: 255 255 255

COLOUR CODE: 128 128 128

COLOUR CODE: 0 255 0

COLOUR CODE: 0 0 255

COLOUR CODE: 210 160 0

COLOUR CODE: 128 0 0

COLOUR CODE: 255 0 0

COLOUR CODE: 128 0 255

COLOUR CODE: 255 0 0

COLOUR CODE: 0 255 255

COLOUR CODE: 255 128 0

COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

REV.

DESCRIPTION

DATE

INIT

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 10 OF 66

DRAWN

CHECKED

SCALE

1 : 50

@ A1

DATE

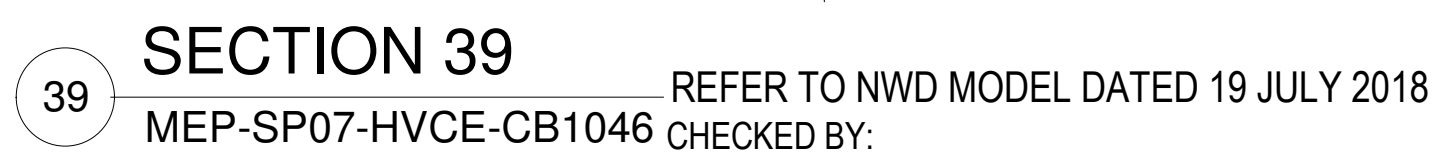
19-07-2018

DRAWING NO.

REV

MEP-SP07-HVCE- CB2560

-



COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D REFERENCE

F.S.D REFERENCE

KEYPLAN

1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.

2. CL - CENTER LEVEL HL - HIGH LEVEL BL - BOTTOM LEVEL LL - LOW LEVEL

3. A. AC - HVAC SERVICES
DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEVATOR SERVICES
FINS - FINS SERVICES
FR - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SO - SLAB OPENING
BO - FLOOR BEAM OPENING
RE - RAINWATER
RE - RECESSES
OP - OPENING SIZE (W X H)
BL - BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE/SLEEVE

4. OPENINGS VISIBLE TO CURRENT FLOOR

5. ALL OPENING AT PRECAST FACADE REFER TO ORIGIN FOR PRECAST FACADE PANEL

6. ALL VESTIBLE OR RECESS FOR PRECAST FACADE REFER TO ORIGIN FOR PRECAST FACADE PANEL

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV
ARCH	2016 (A-185)	4
STR	L801 (A-047)	D
HVAC	2502303A-AC-212 (A-114)	B
FS	2502303A-FS-212 (A-114)	C
PL	2502303A-PL-211 (A-140)	B
DR	2502303A-DR-212 (A-140)	C
GAS	TC-SHRCE-DOGF	-
EL(LIGHTING)	2502303A-EL-211 (A-107)	-
EL(POWER)	2502303A-EL-312 (A-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (A-140)	C
EL(VELY & CABLE CONTAINMENT)	2502303A-ELV-212 (A-114)	C
SEC(SECURITY)	2502303A-SEC-212 (A-114)	A

SERVICES PROVIDE

COLOUR CODE NO:

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

REV

DESCRIPTION

DATE

INIT

- DO NOT SCALE DRAWINGS.

- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 11 OF 66

DRAWN

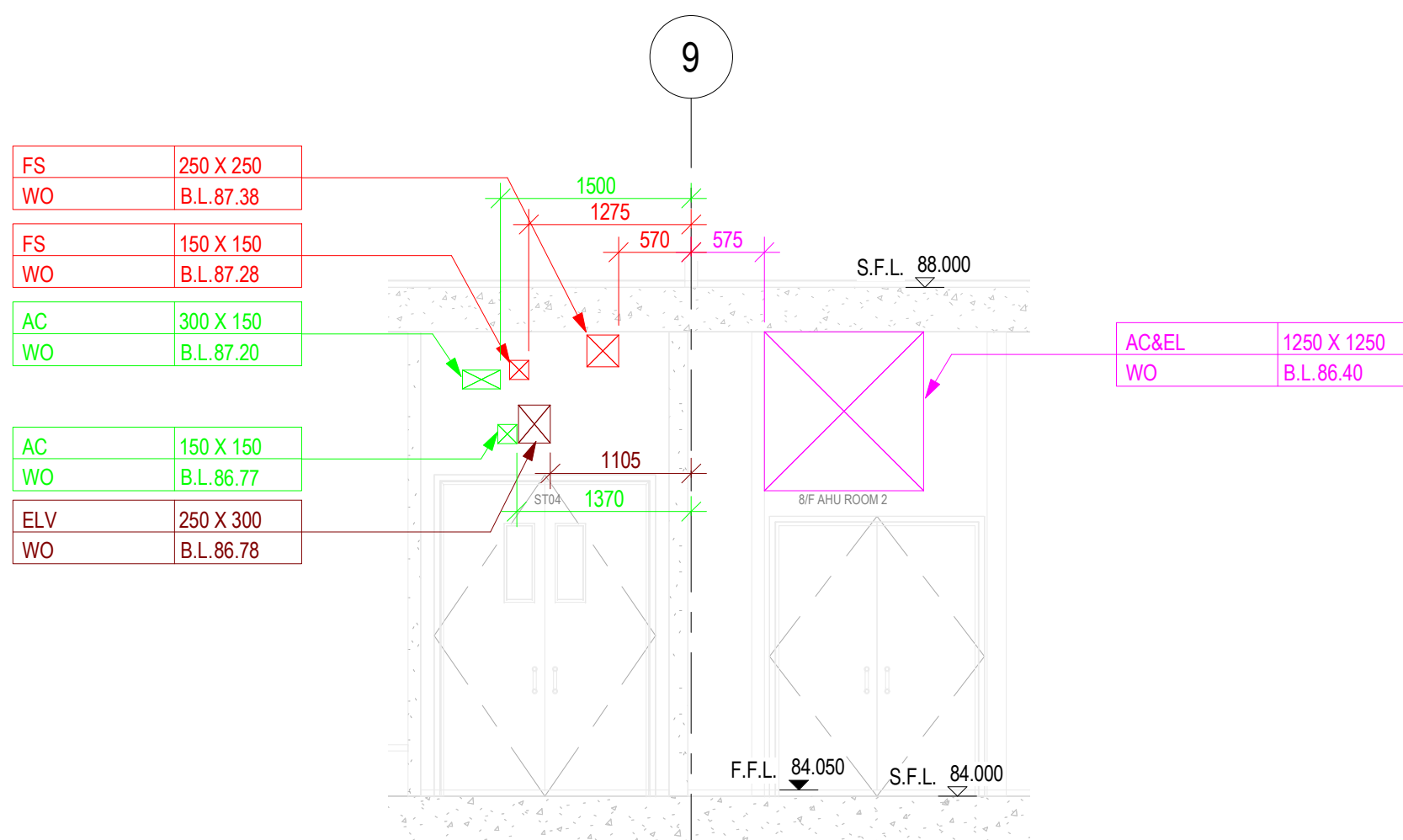
CHECKED

SCALE 1 : 50 @ A1

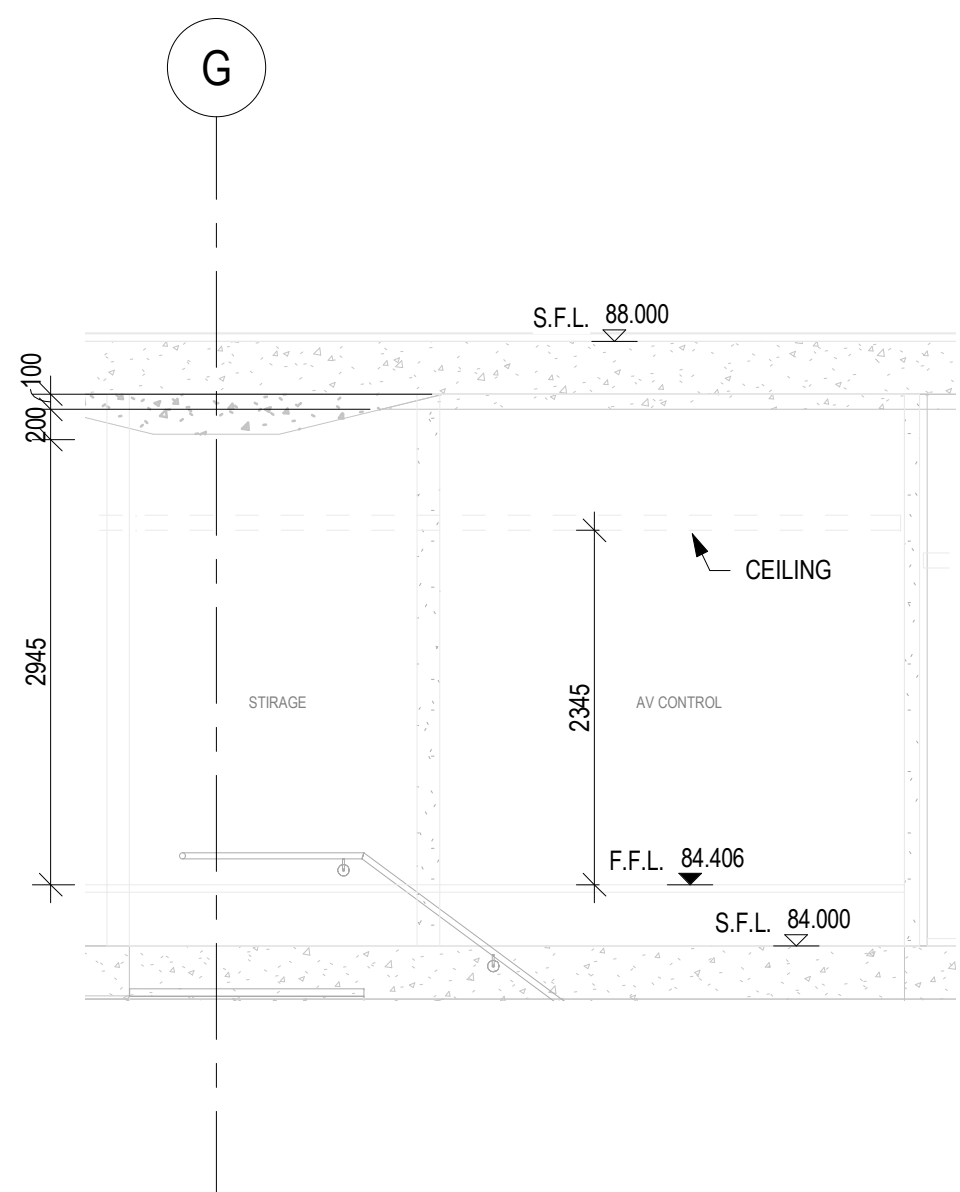
DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE- CB2561

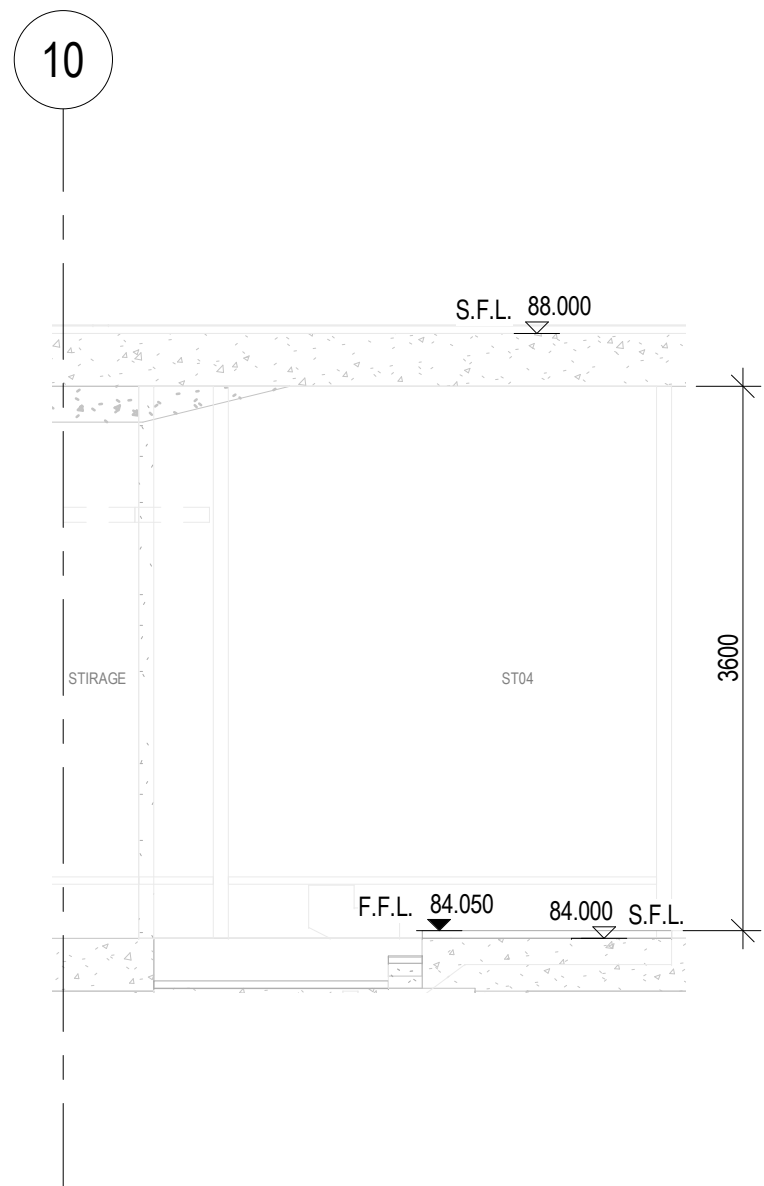
REV



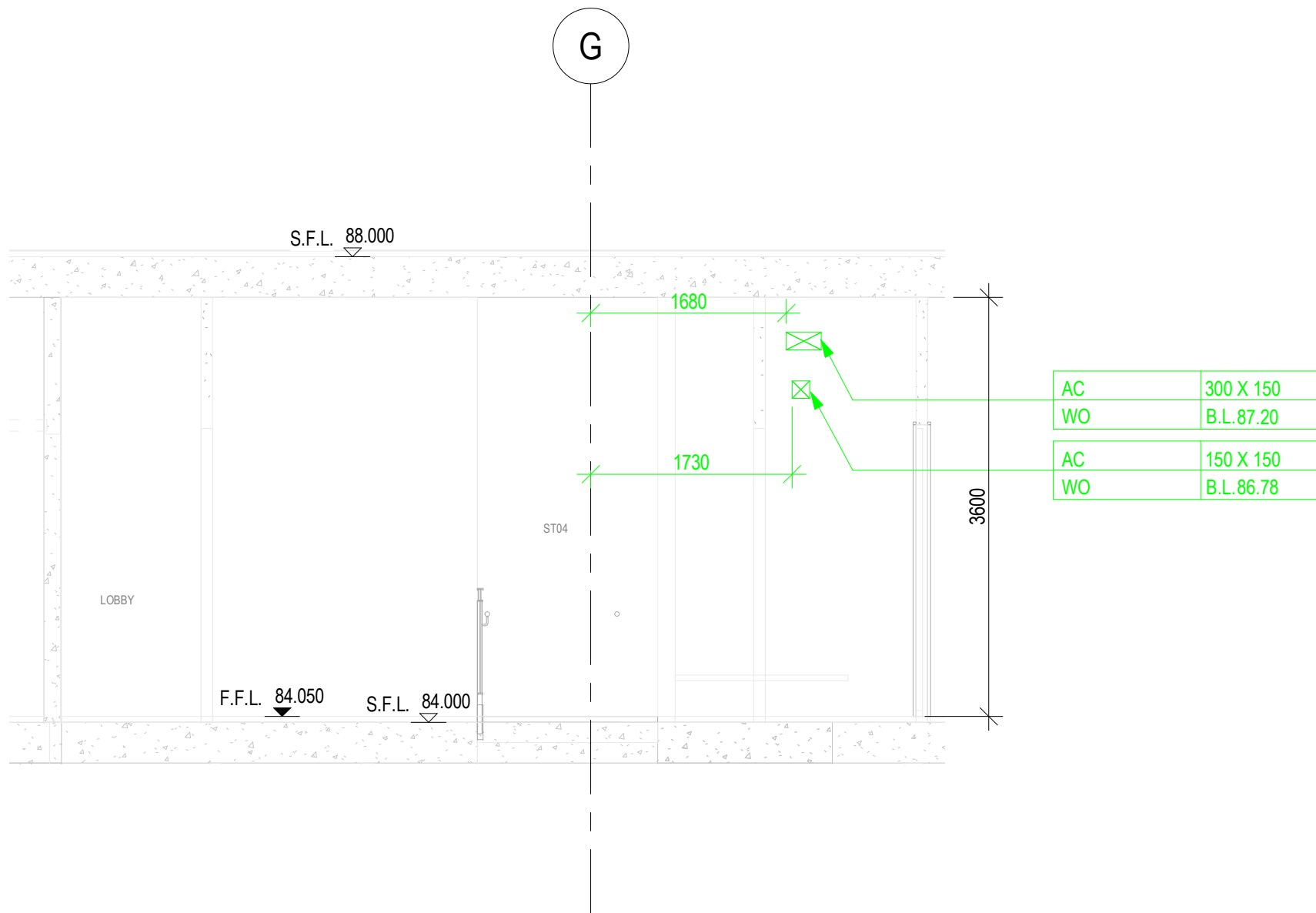
SECTION 46
MEP-SP07-HVCE-CB1046



SECTION 44
MEP-SP07-HVCE-CB1046



SECTION 45
MEP-SP07-HVCE-CB1046



SECTION 43
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR - DRAINAGE SERVICES
B. EL - ELECTRICAL SERVICES
C. ELV - ELEVATOR SERVICES
D. FNG - FIRE SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. WD - WALL OPENING
H. SD - SLAB OPENING
I. HD - FLOOR HEAD OPENING
J. HB - HATCH BEAM
K. RS - RECESSES
L. OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. C.L. - CENTER LEVEL OF PIPE SLEEVE
O. ALL OPENING AT PRECAST FACADE REFER TO CEMD FOR PRECAST FACADE PANEL.
P. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 60MM.
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION:
TRADE DWS NO.
ARCH L801 (AI-047)
STR 2502303A-AO-212 (AI-114)
HVAC 2502303A-FS-211 (AI-114)
FS 2502303A-PL-211 (AI-140)
PL 2502303A-DR-212 (AI-140)
DR 2502303A-EL-211 (AI-107)
GAS 2502303A-EL-312 (AI-114)
EL(LIGHTING) 2502303A-EL-412 (AI-140)
EL(POWER) 2502303A-ELV-212 (AI-114)
EL(CABLE CONTAINMENT) 2502303A-SEC-212 (AI-114)
ELV(ELV & CABLE CONTAINMENT) 2502303A-SEC-212 (AI-114)
SEC(SECURITY) 2502303A-SEC-212 (AI-114)
SERVICES PROVIDE COLOUR CODE NO.
ARCHITECTURE (ARCH) COLOUR CODE: 255 255 255
STRUCTURE (STR) COLOUR CODE: 128 128 128
HVAC SERVICES (AC) COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR) COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL) COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV) COLOUR CODE: 128 0 0
GAS SERVICES (GAS) COLOUR CODE: 128 0 255
FIRE SERVICES (FS) COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL) COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE) COLOUR CODE: 255 128 0
COMBINED OPENING COLOUR CODE: 255 0 255

REV

DESCRIPTION

DATE

INIT

1ST CBWD SUBMISSION

19-07-2018

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 12 OF 66

DRAWN

CHECKED

SCALE

1 : 50

@ A1

DATE

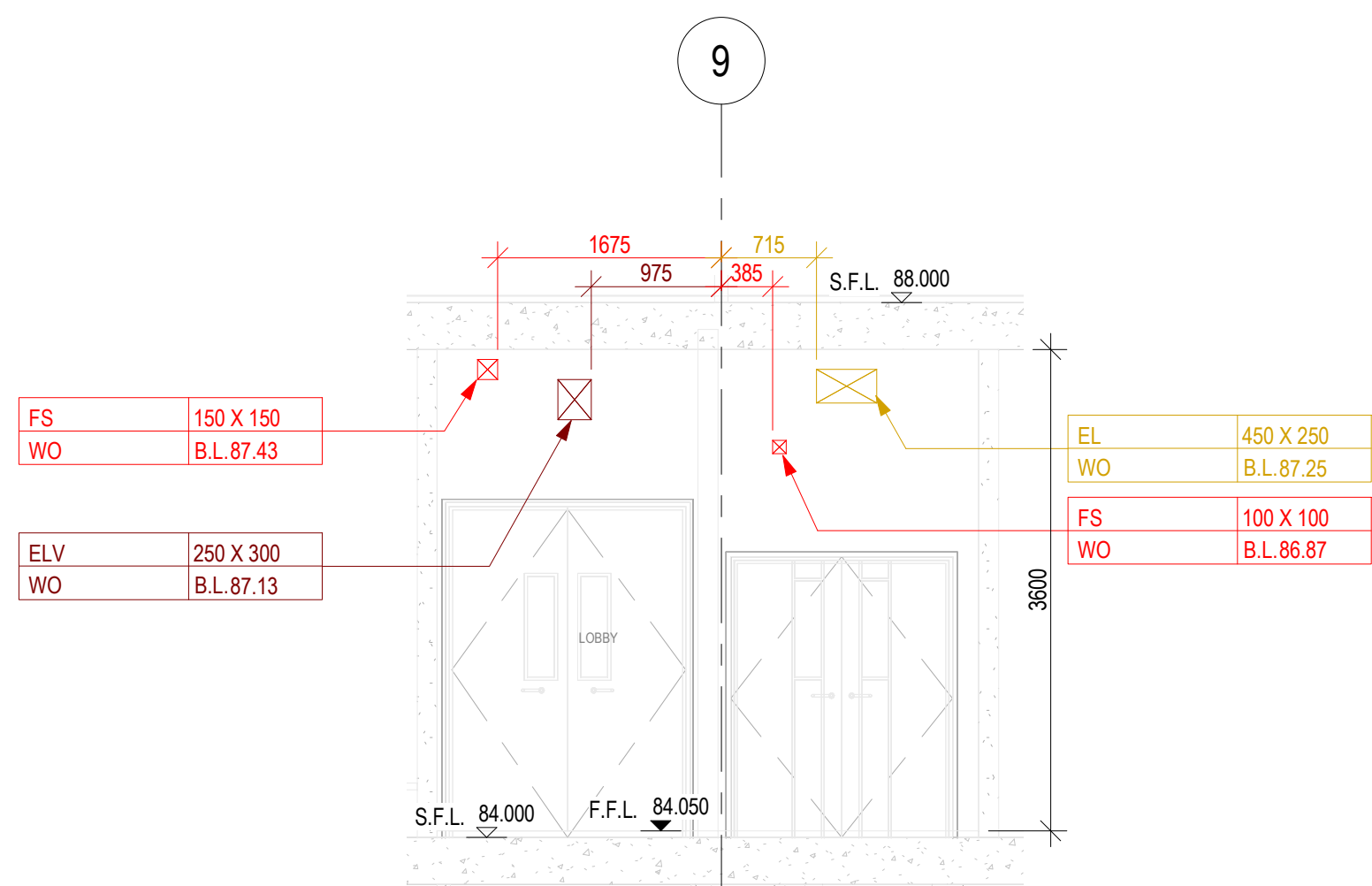
19-07-2018

DRAWING NO.

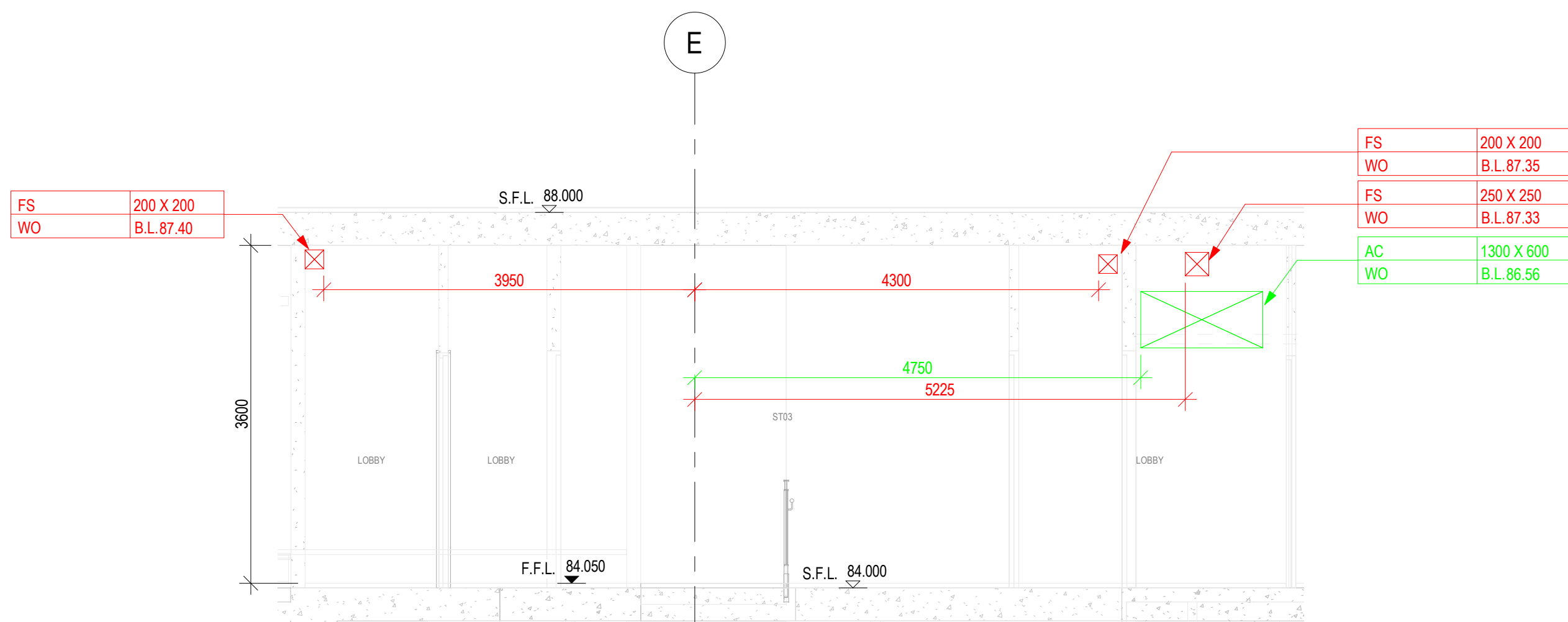
MEP-SP07-HVCE-CB2562

REV

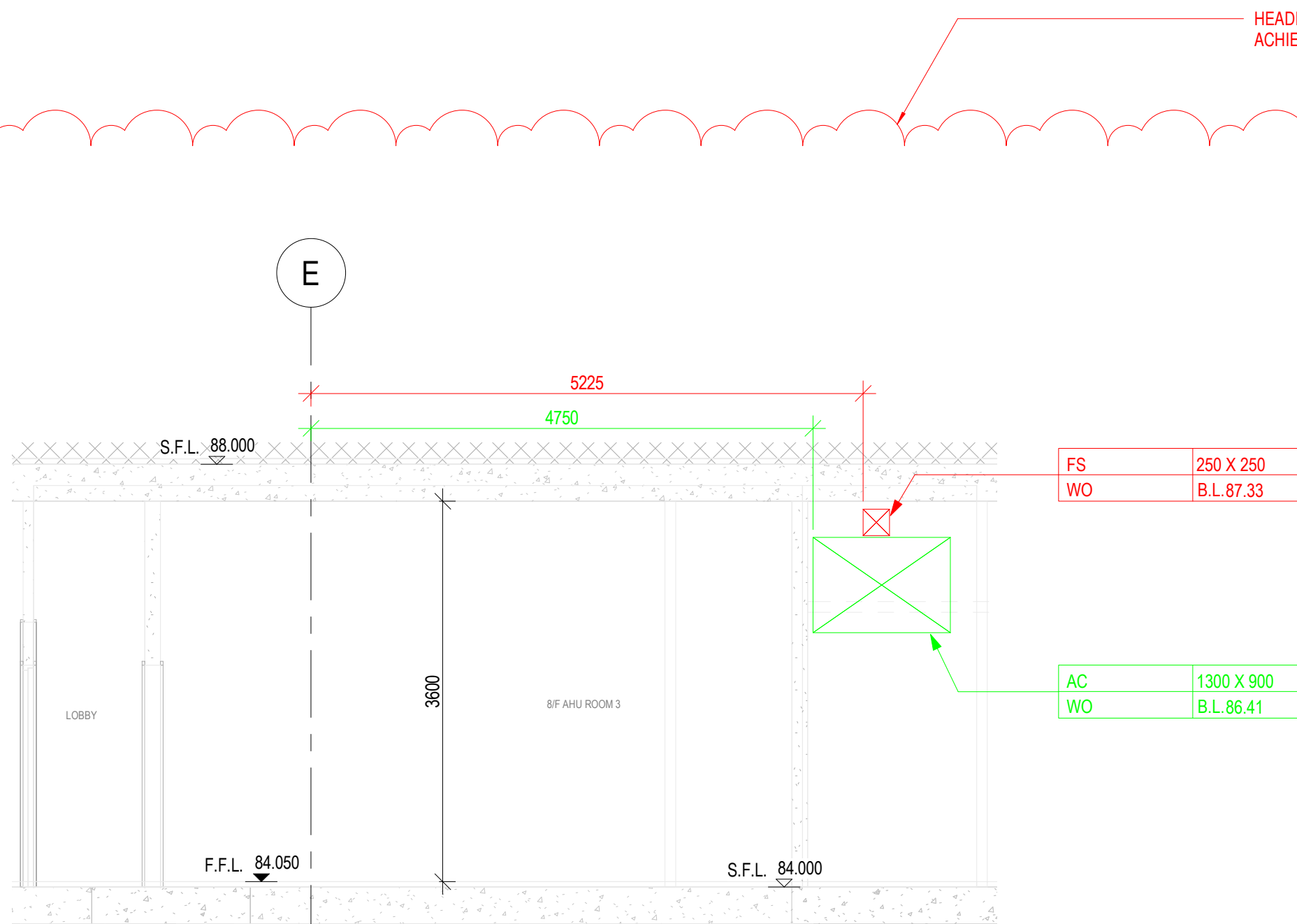
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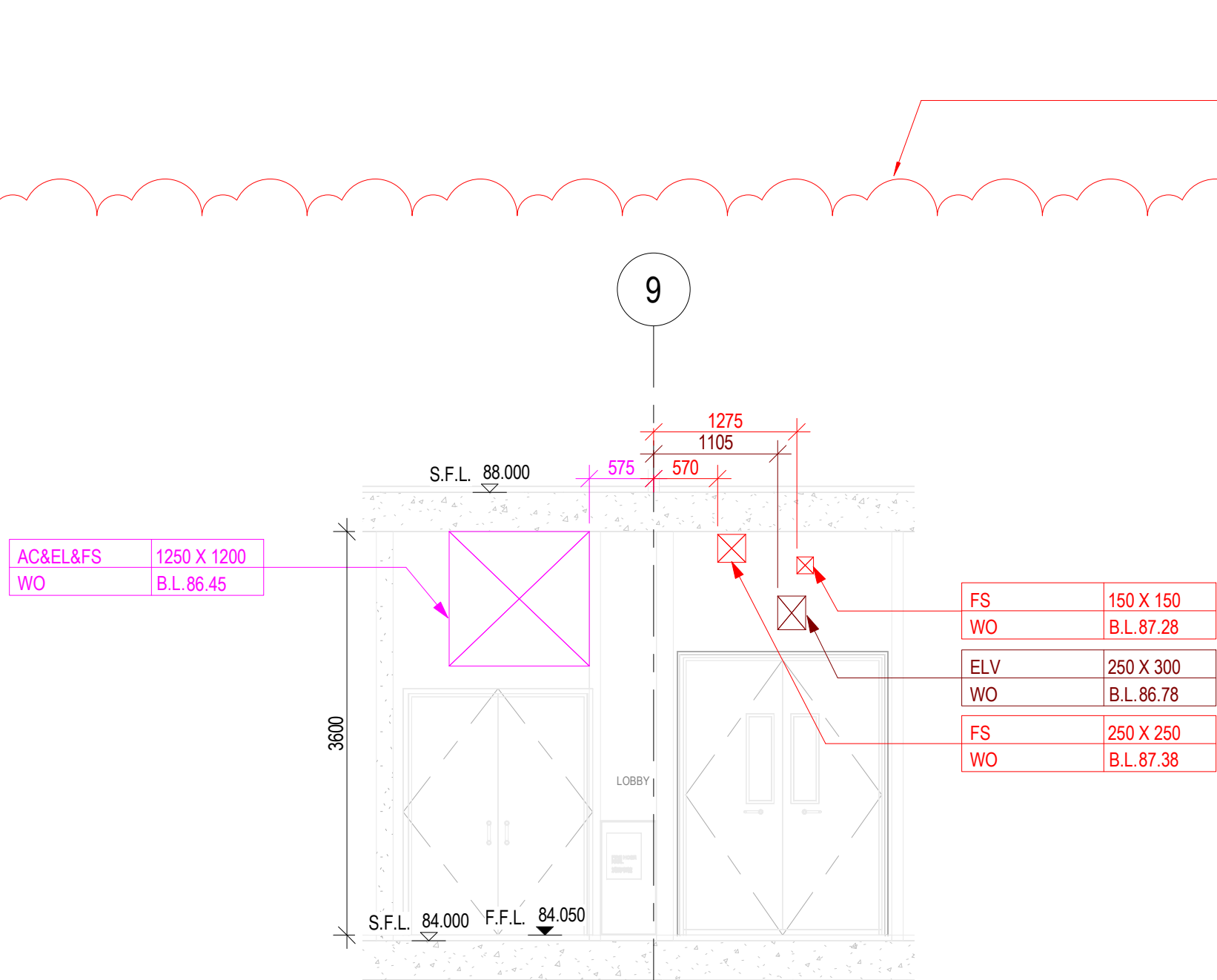
SECTION 50
MEP-SP07-HVCE-CB1046



SECTION 48
MEP-SP07-HVCE-CB1046



SECTION 49
MEP-SP07-HVCE-CB1046



SECTION 47
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE SERVICES
B. - ELECTRICAL SERVICES
C. - ELV SERVICES
D. - FIRE SERVICES
E. - PLUMBING SERVICES
F. - HVAC SERVICES
G. - KITCHEN SERVICES
H. - GAS SERVICES
I. - ELV (CABLE CONTAINMENT)
J. - ELV (ELV & CABLE CONTAINMENT)
K. - SECURITY SERVICES
L. - COMBINED OPENING
M. - OPENING SIZE (W X H)
N. - BOTTOM LEVEL
O. - CENTER LEVEL OF PIPE SLEEVE
P. - ALL OPENING AT PRECAST FACADE REFER TO CDMO FOR PRECAST FACADE PANEL.
Q. - ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 40MM.

4. OPENINGS VISIBLE TO CURRENT FLOOR

4

D

B

C

B

B

-

C

C

C

A

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
ELV(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

COLOUR CODE	NO.
ARCHITECTURE (ARCH)	255 255 255
STRUCTURE (STR)	128 128 128
HVAC SERVICES (AC)	0 255 0
DRAINAGE SERVICES (DR)	0 0 255
ELECTRICAL SERVICES (EL)	210 160 0
ELECTRICAL SERVICES (ELV)	128 0 0
GAS SERVICES (GAS)	128 0 255
FIRE SERVICES (FS)	255 0 0
PLUMBING SERVICES (PL)	0 255 255
KITCHEN SERVICES (KE)	255 128 0
COMBINED OPENING	255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 13 OF 66

DRAWN

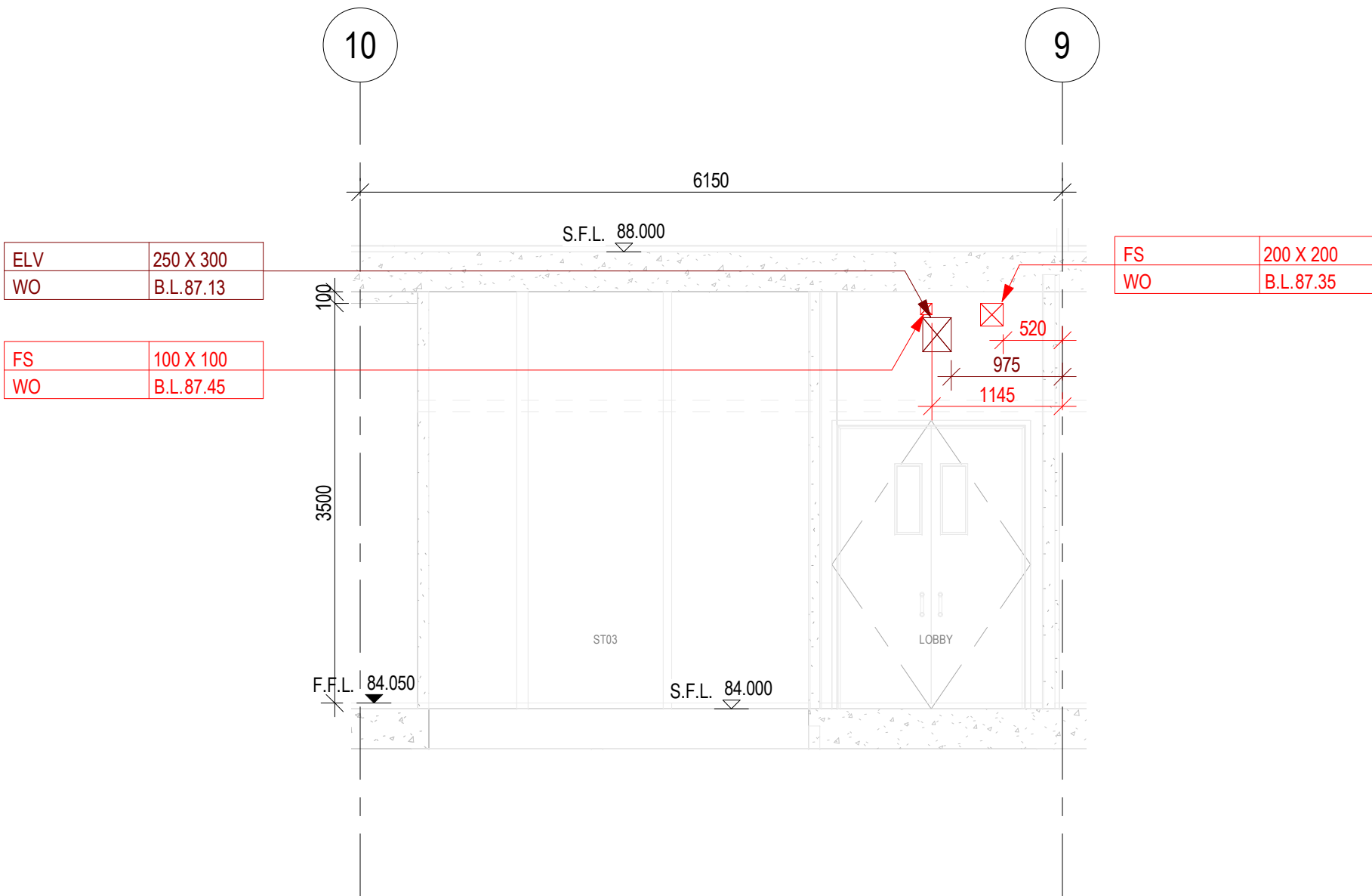
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SCALE 1 : 50 @ A1

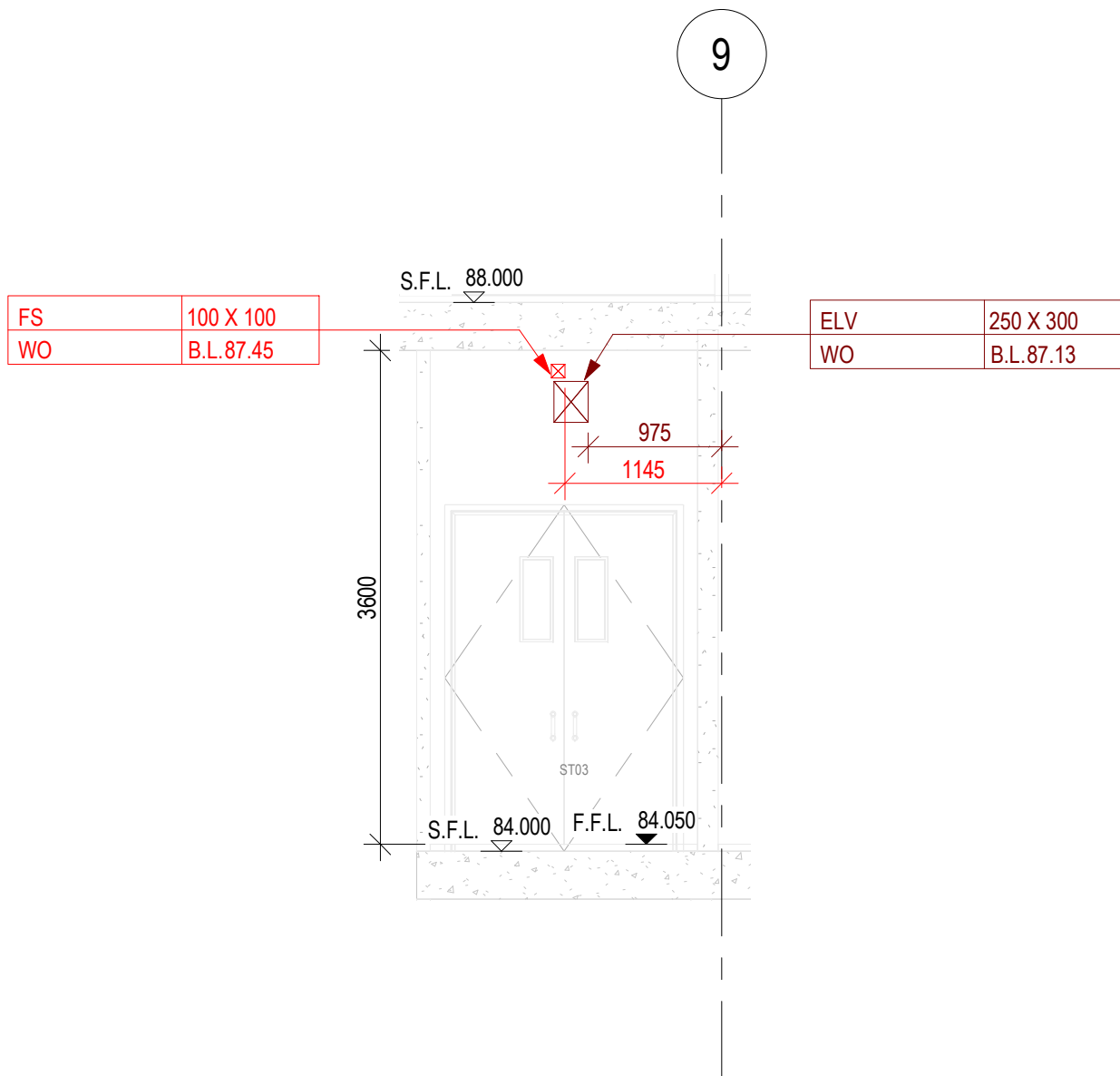
DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE-CB2563

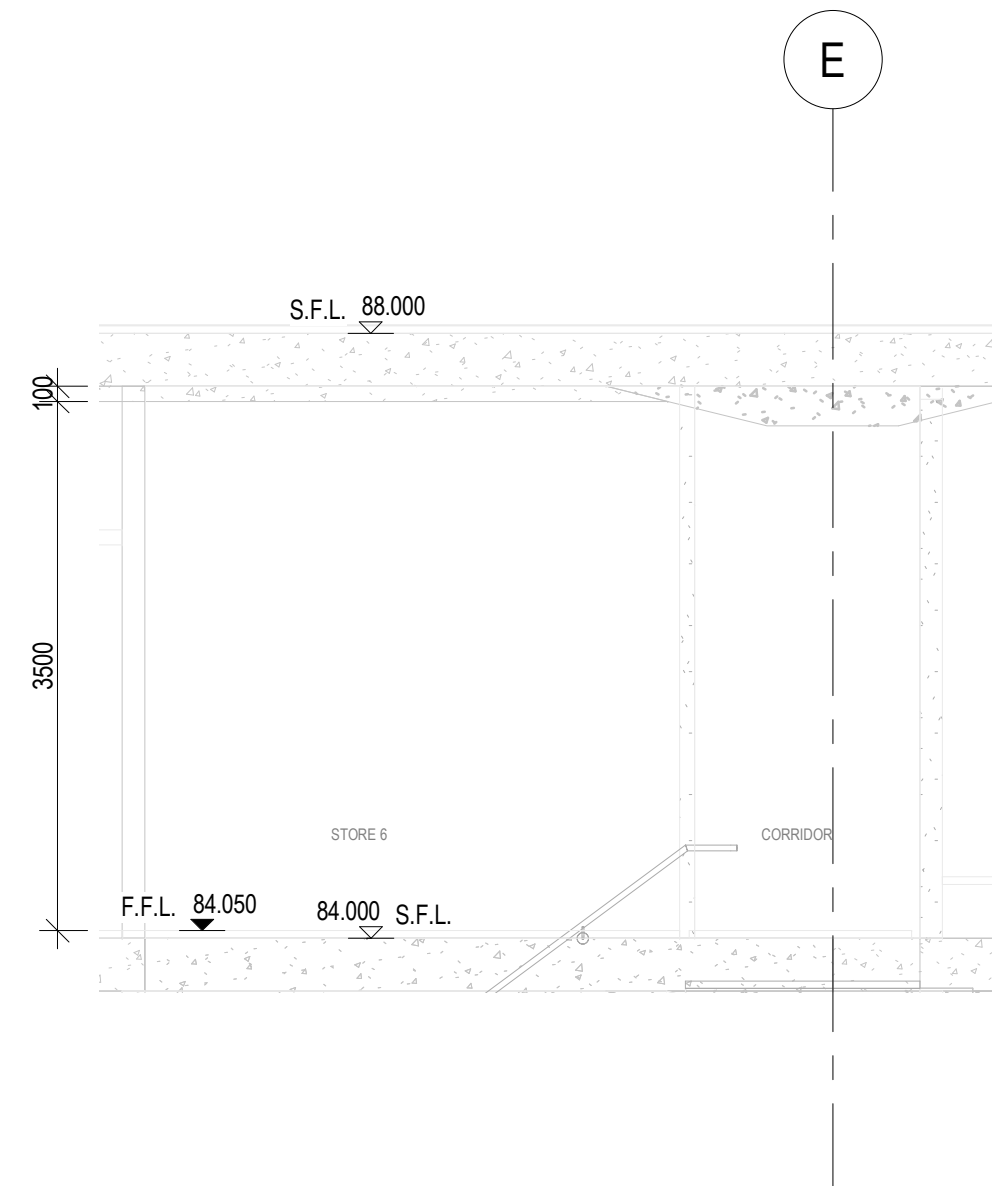
REV -



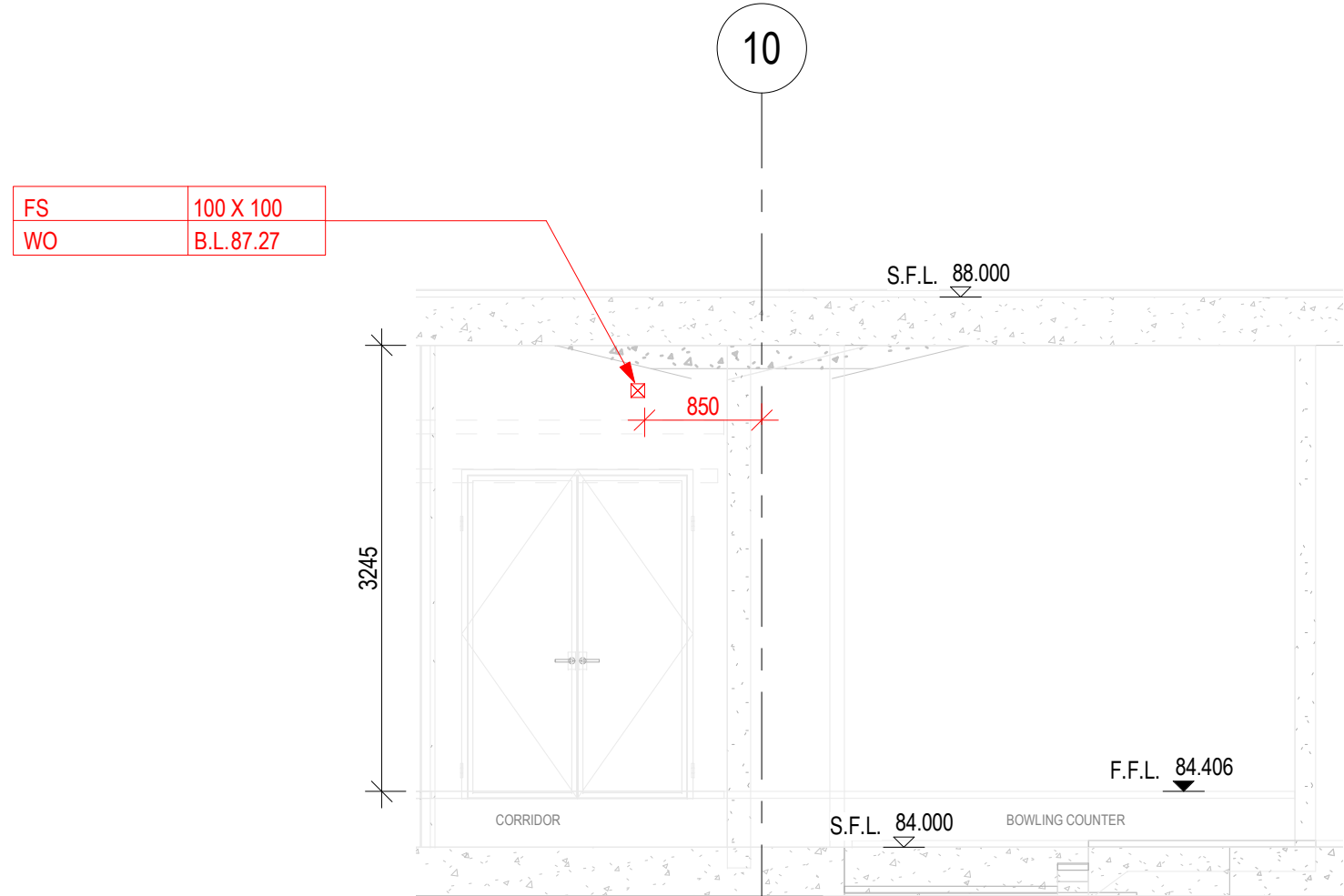
55 SECTION 55
MEP-SP07-HVCE-CB1046



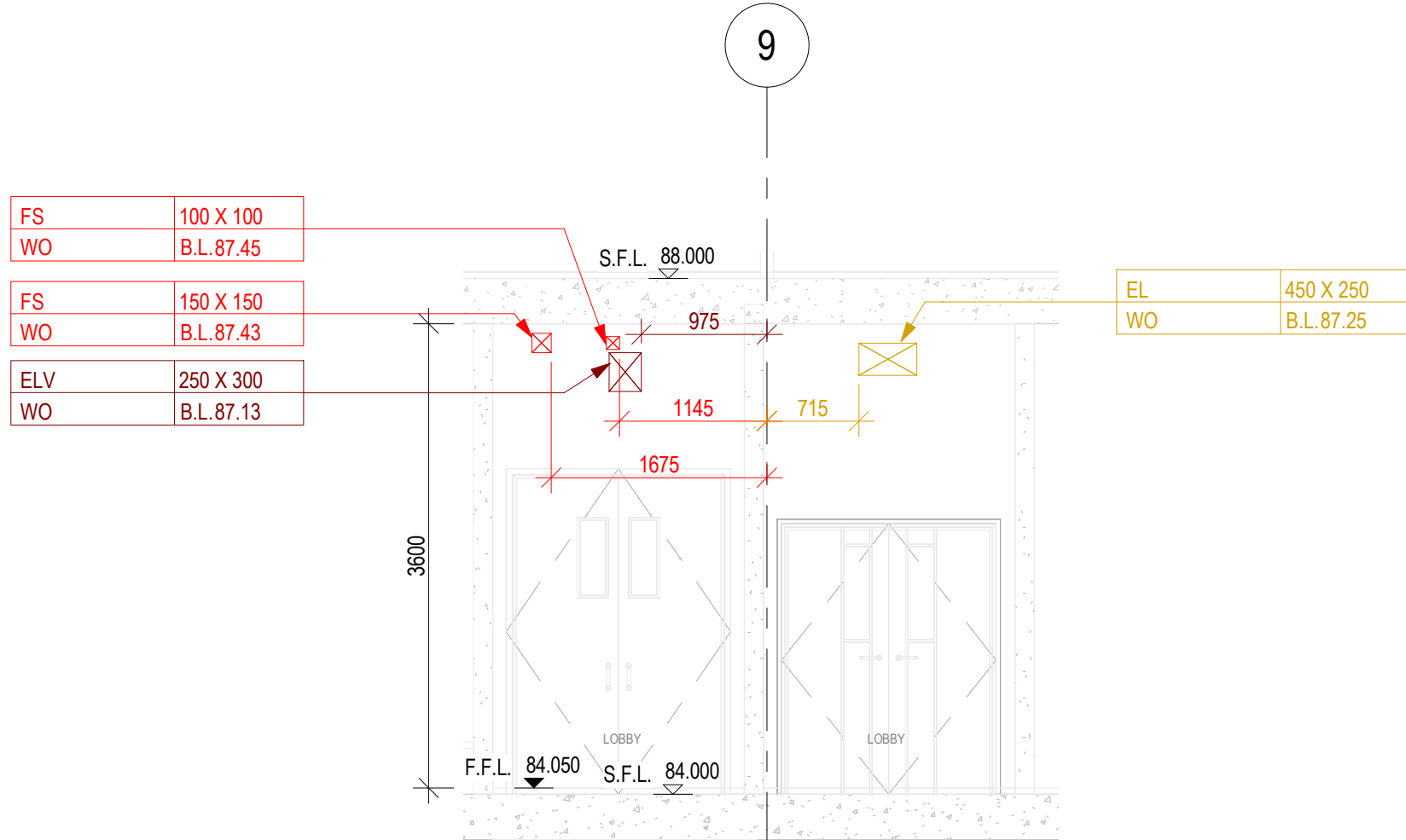
54 SECTION 54
MEP-SP07-HVCE-CB1046



52 SECTION 52
MEP-SP07-HVCE-CB1046



53 SECTION 53
MEP-SP07-HVCE-CB1046



51 SECTION 51
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTE:
1. ALL DIMENSIONS SHOWN IN THE DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE (ARCH)
B. - STRUCTURE (STR)
C. - HVAC SERVICES (AC)
D. - DRAINAGE SERVICES (DR)
E. - ELECTRICAL SERVICES (EL)
F. - FIRE SERVICES (FS)
G. - PLUMBING SERVICES (PL)
H. - KITCHEN SERVICES (KE)
I. - COMBINED OPENING
J. - GAS SERVICES (GAS)
K. - EL (LIGHTING)
L. - EL (POWER)
M. - EL (CABLE CONTAINMENT)
N. - EL (ELV & CABLE CONTAINMENT)
O. - SEC (SECURITY)
P. - OPENING SIZE (W X H)
Q. - BOTTOM LEVEL
R. - CENTER LEVEL OF PIPE SLEEVE
S. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
T. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

REV. 4
D
B
C
B
B
-
C
C
C
A

SERVICES PROVIDE

COLOUR CODE NO.

ARCHITECTURE (ARCH)

COLOUR CODE: 255 255 255

STRUCTURE (STR)

COLOUR CODE: 128 128 128

HVAC SERVICES (AC)

COLOUR CODE: 0 255 0

DRAINAGE SERVICES (DR)

COLOUR CODE: 0 0 255

ELECTRICAL SERVICES (EL)

COLOUR CODE: 210 160 0

ELECTRICAL SERVICES (ELV)

COLOUR CODE: 128 0 0

GAS SERVICES (GAS)

COLOUR CODE: 128 0 255

FIRE SERVICES (FS)

COLOUR CODE: 255 0 0

PLUMBING SERVICES (PL)

COLOUR CODE: 0 255 255

KITCHEN SERVICES (KE)

COLOUR CODE: 255 128 0

COMBINED OPENING

COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 14 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

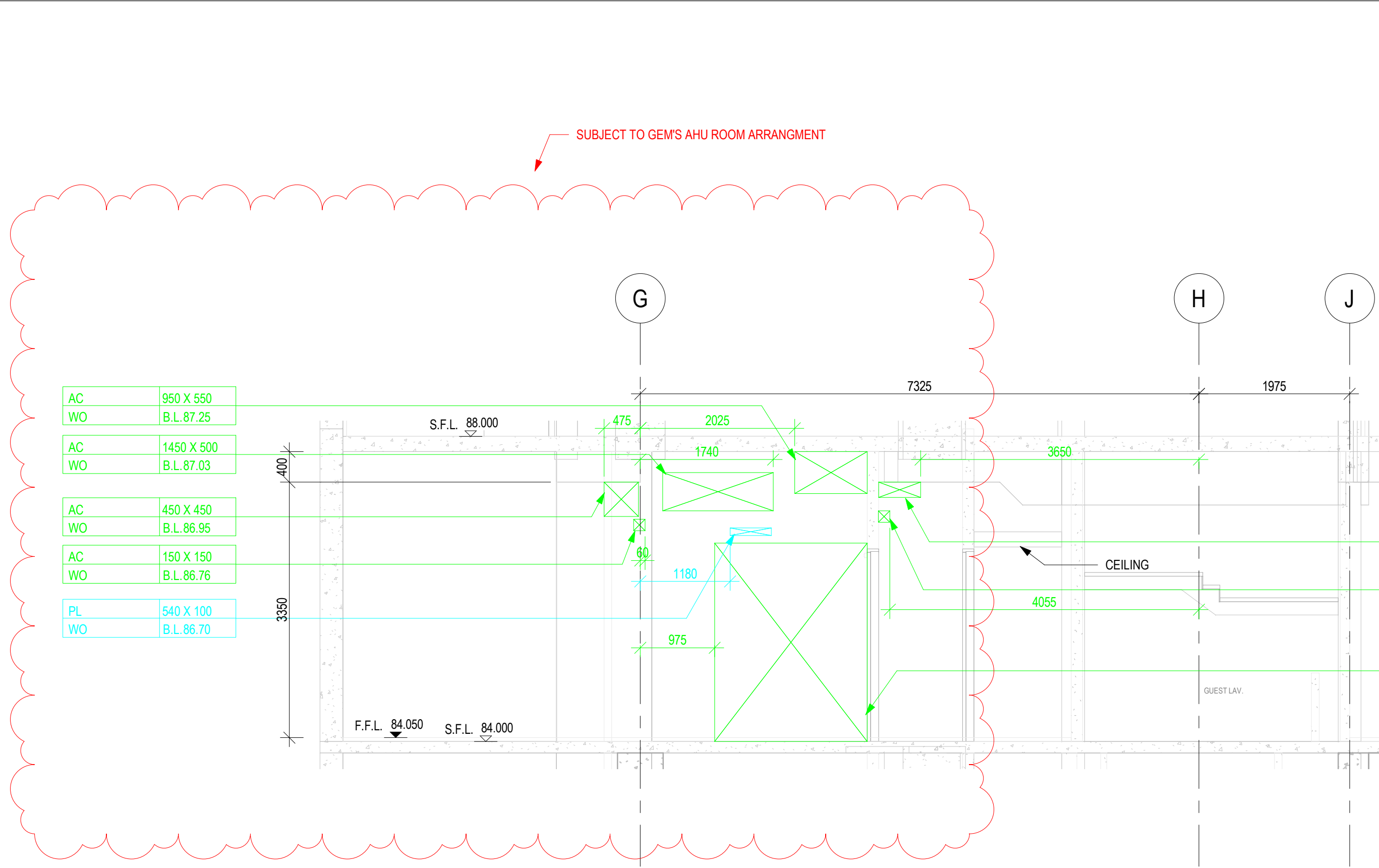
DATE 19-07-2018

DRAWING NO.

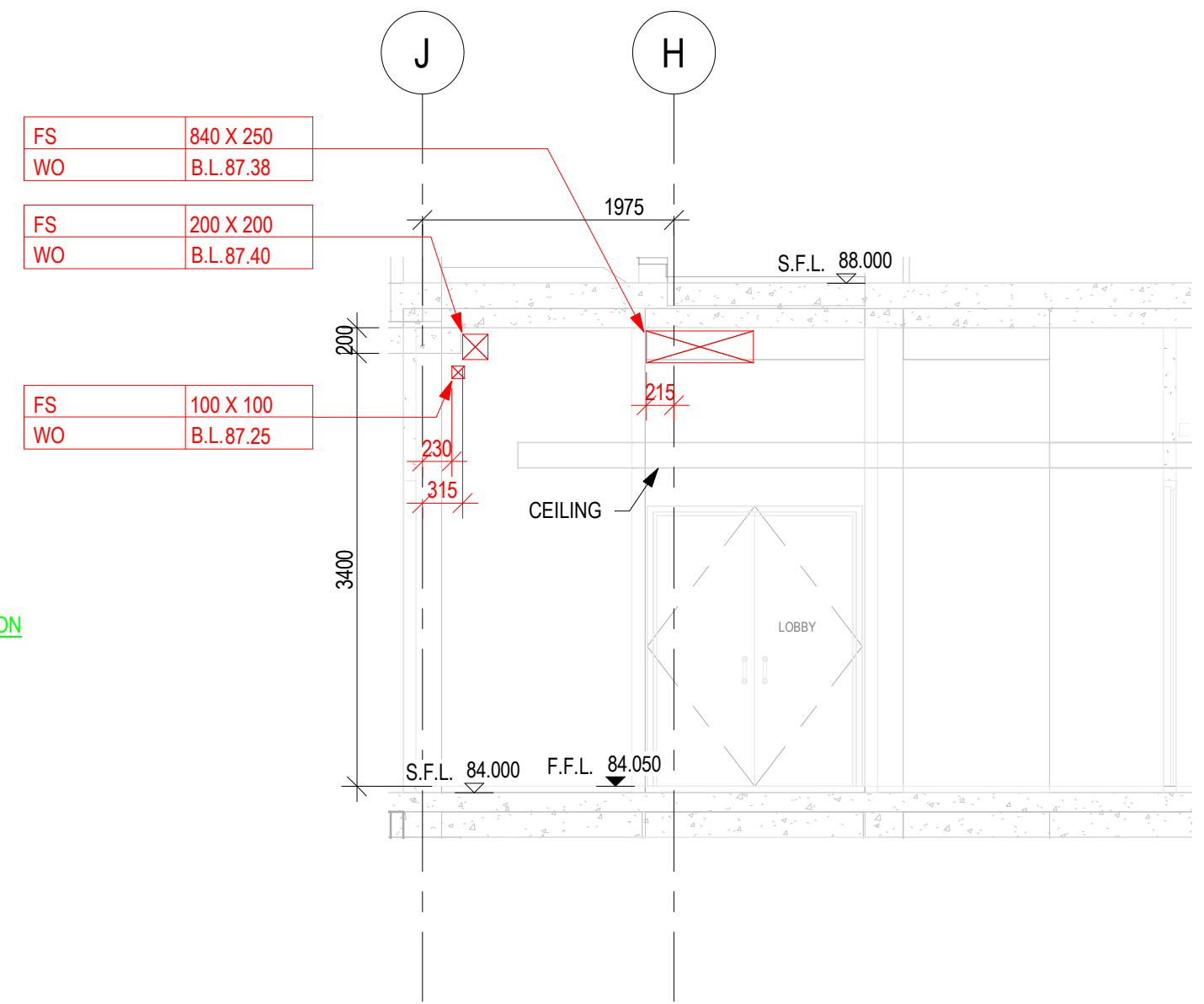
REV

MEP-SP07-HVCE-CB2564

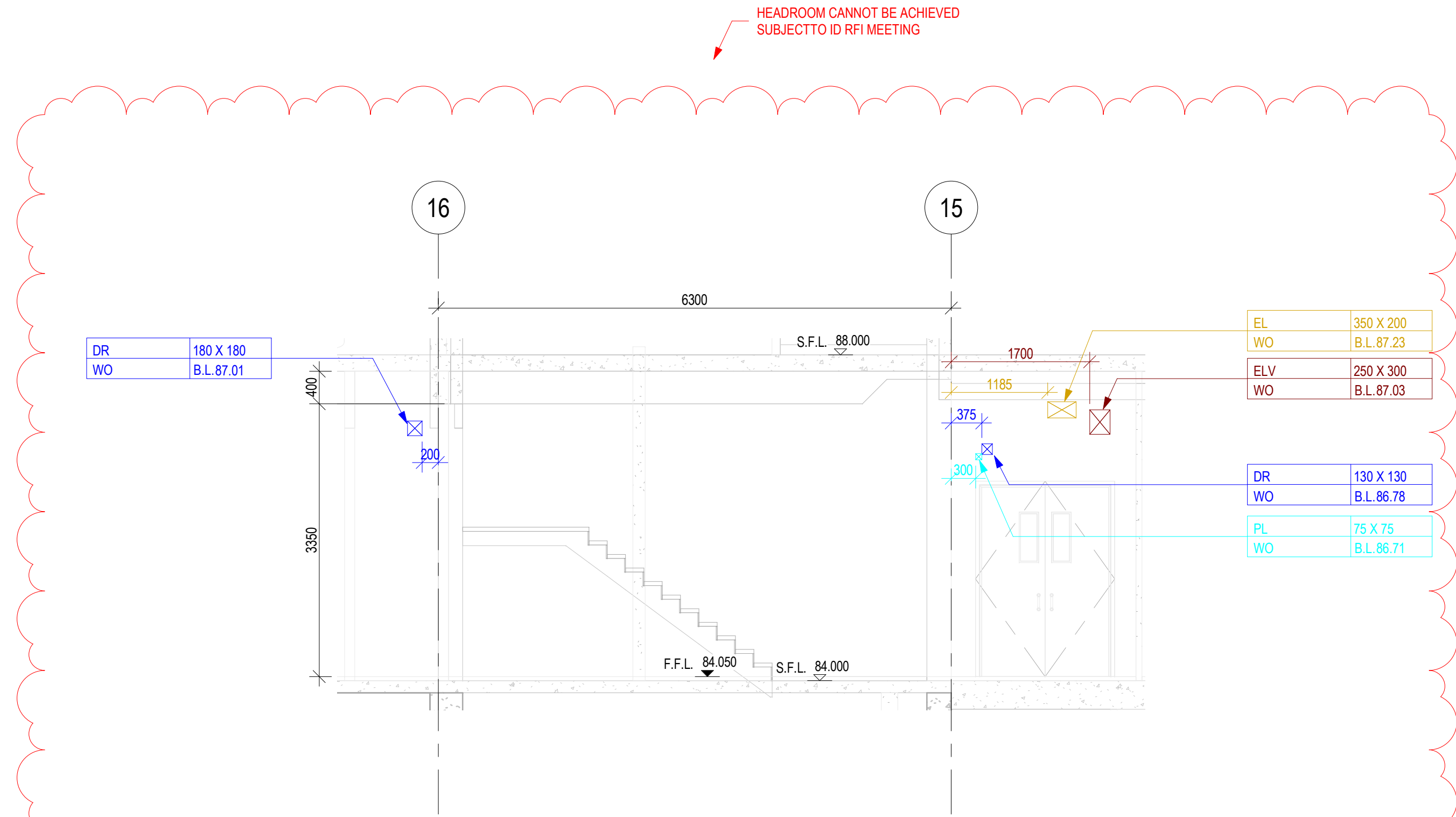
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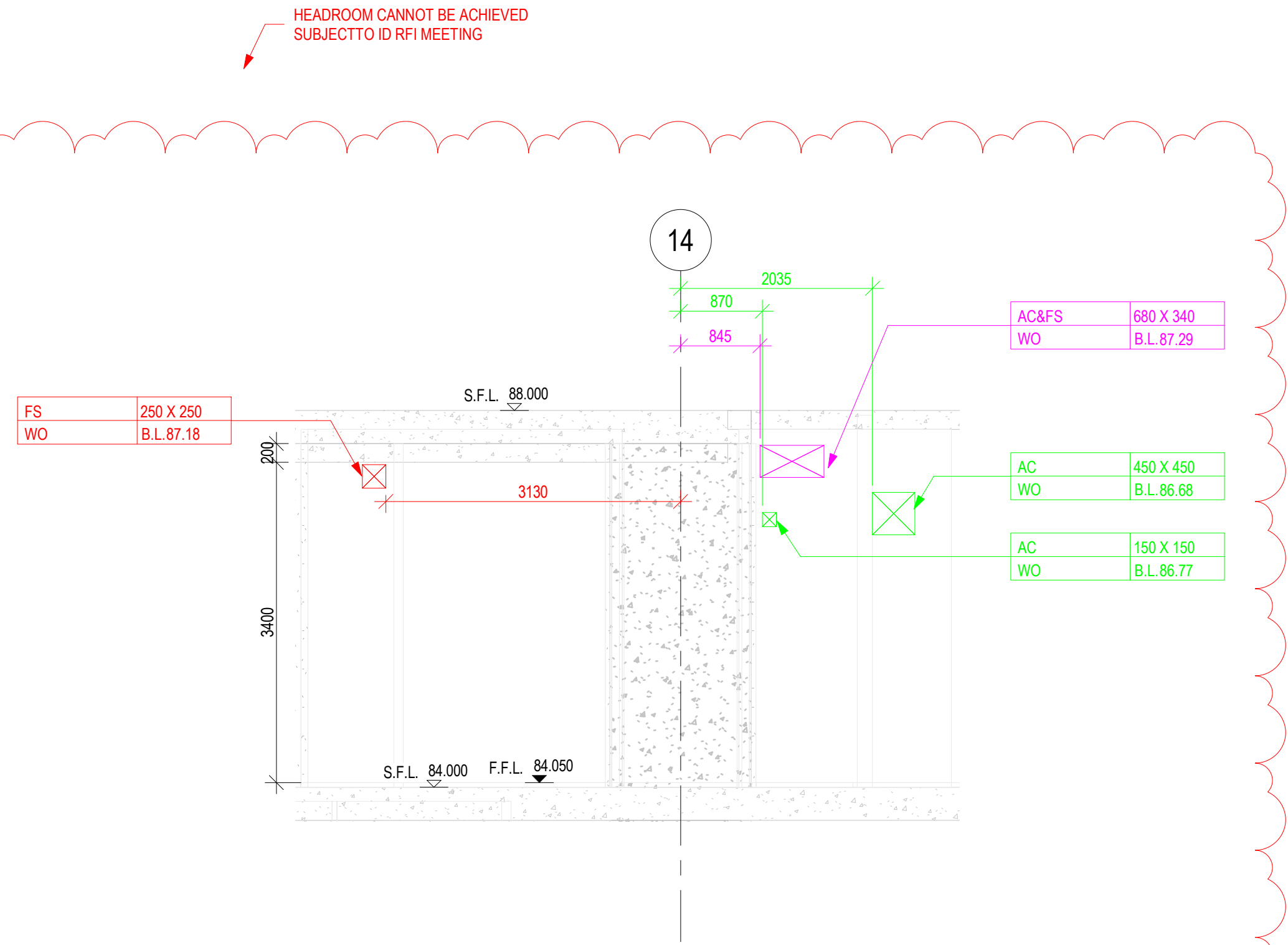
59 SECTION 59
MEP-SP07-HVCE-CB1047



57 SECTION 57
MEP-SP07-HVCE-CB1047



58 SECTION 58
MEP-SP07-HVCE-CB1047



56 SECTION 56
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE, DR - DRAINAGE SERVICES, EL - ELECTRICAL SERVICES, ELV - ELEVATOR SERVICES, FS - FIRE SERVICES, PL - PLUMBING SERVICES, WO - WALL OPENING, SO - SLAB OPENING, HO - FLOOR HEAD OPENING, HB - HATCH BEAM, HB - HATCHES, OPENING SIZE (W X H), B.L. - BOTTOM LEVEL, C.L. - CENTER LEVEL OF PIPE SLEEVE.
4. OPENINGS VISIBLE TO CURRENT FLOOR.
5. ALL OPENING AT PRECAST FACADE REFER TO CEMO FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-PRCE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
ELV(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	

- DO NOT SCALE DRAWINGS.
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 15 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE-CB2565

REV -

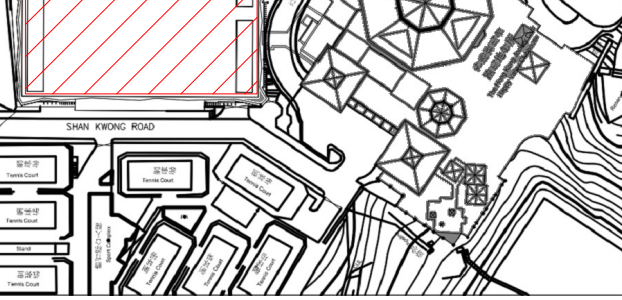


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN



DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. CL - CENTER LEVEL, WHIP LEVEL, BL - BOTTOM LEVEL, L - LOW LEVEL.
3. A.
A. AC - HVAC SERVICES
B. DR - DRAINAGE SERVICES
C. EL - ELECTRICAL SERVICES
D. FS - FIRE SERVICES
E. FLS - FINE SERVICES
F. FNS - FINE SERVICES
G. PL - PLUMBING SERVICES
H. PO - FIRE SERVICES
I. WD - WALL OPENING
J. BS - SUB OPENING
K. FL - FLOOR BEAM OPENING
L. RE - HANDICAP
M. RE - RECESS
N. OP - OPENING ABOVE 500 (PH)
O. BL - BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
4. ALL OPENING AT PRECAST FACADE REFER TO 2DWH FOR PRECAST FACADE PANEL.
5. ALL LIFTWELL RECESSES FOR ROPE INSTALLATION SHOULD BE 400MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502203A-AC-212 (AI-114)	B
FS	2502203A-FS-212 (AI-114)	C
PL	2502203A-PL-211 (AI-140)	B
DR	2502203A-DR-212 (AI-140)	B
GAS	TC-SHRCE-006F	-
EL(LIGHTING)	2502203A-EL-211 (AI-107)	-
EL(POWER)	2502203A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502203A-EL-412 (AI-140)	C
EL(VLV & CABLE CONTAINMENT)	2502203A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502203A-SEC-212 (AI-114)	A

SERVICES PROVIDE

	COLOUR CODE NO:
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	
-	DO NOT SCALE DRAWINGS - ALL DIMENSIONS IN THIS DRAWING ARE IN MILLMETRE UNLESS OTHERWISE SPECIFIED.		

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

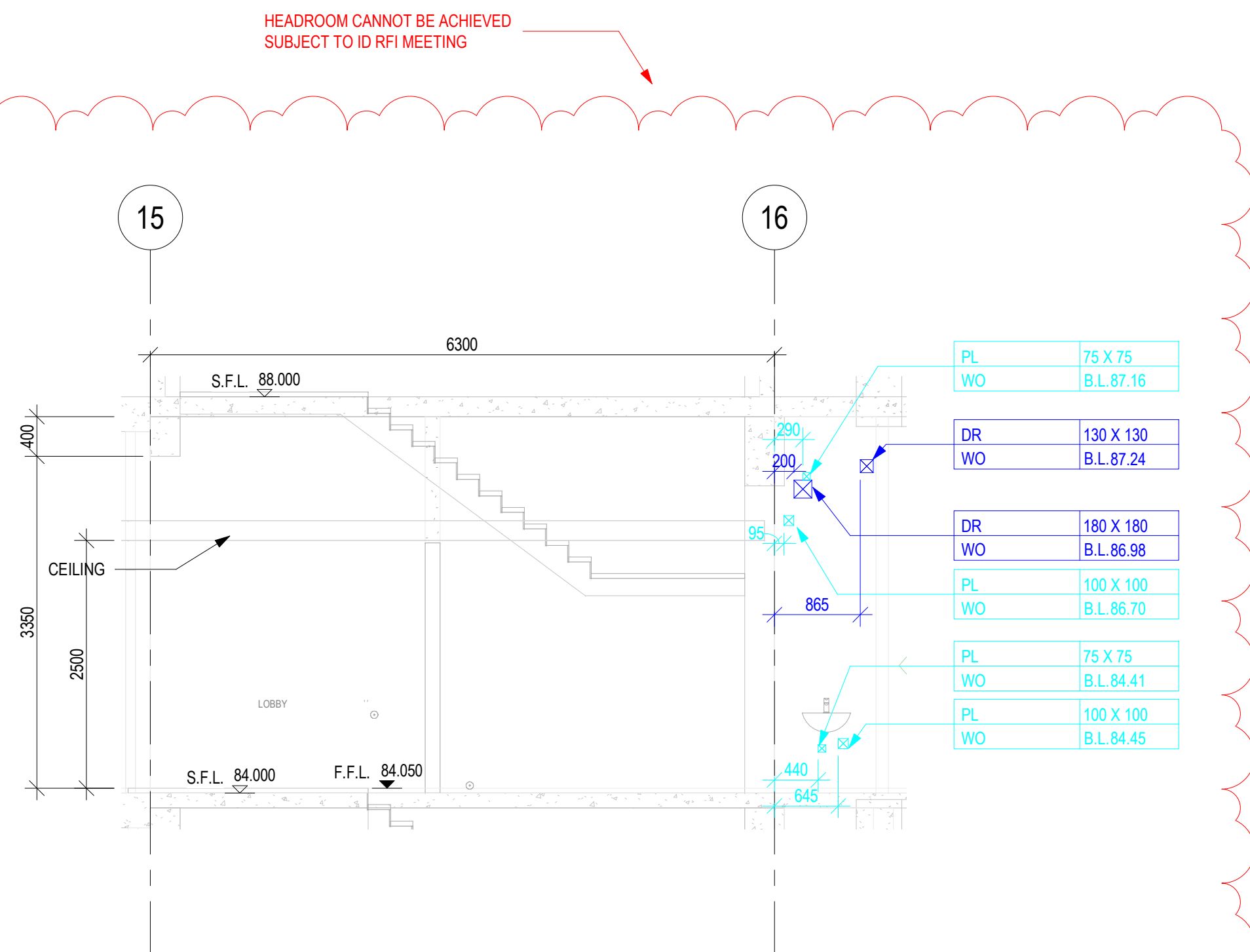
DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 16 OF 66

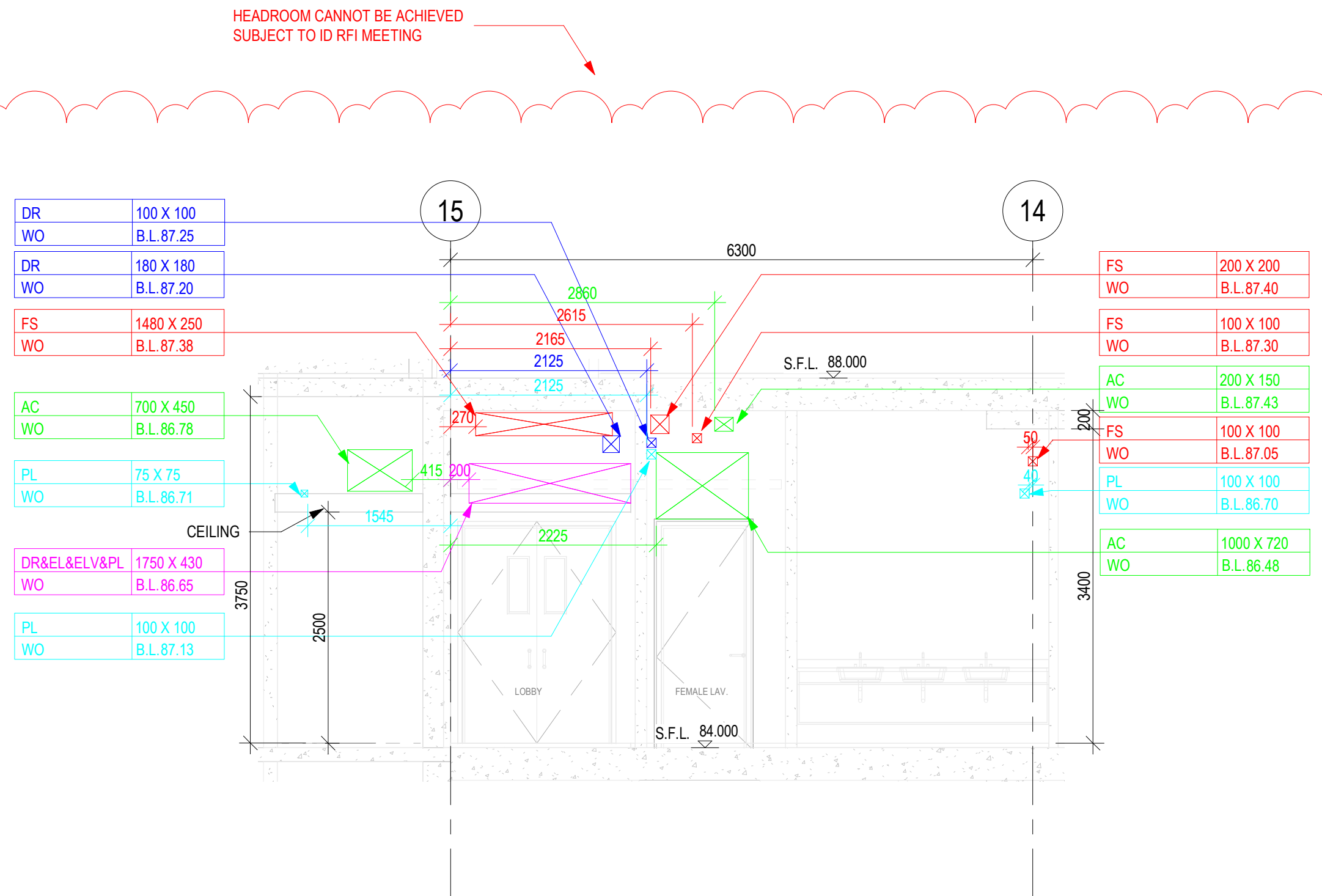
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DRAWING NO.					REV

MEP-SP07-HVCE-CB2566

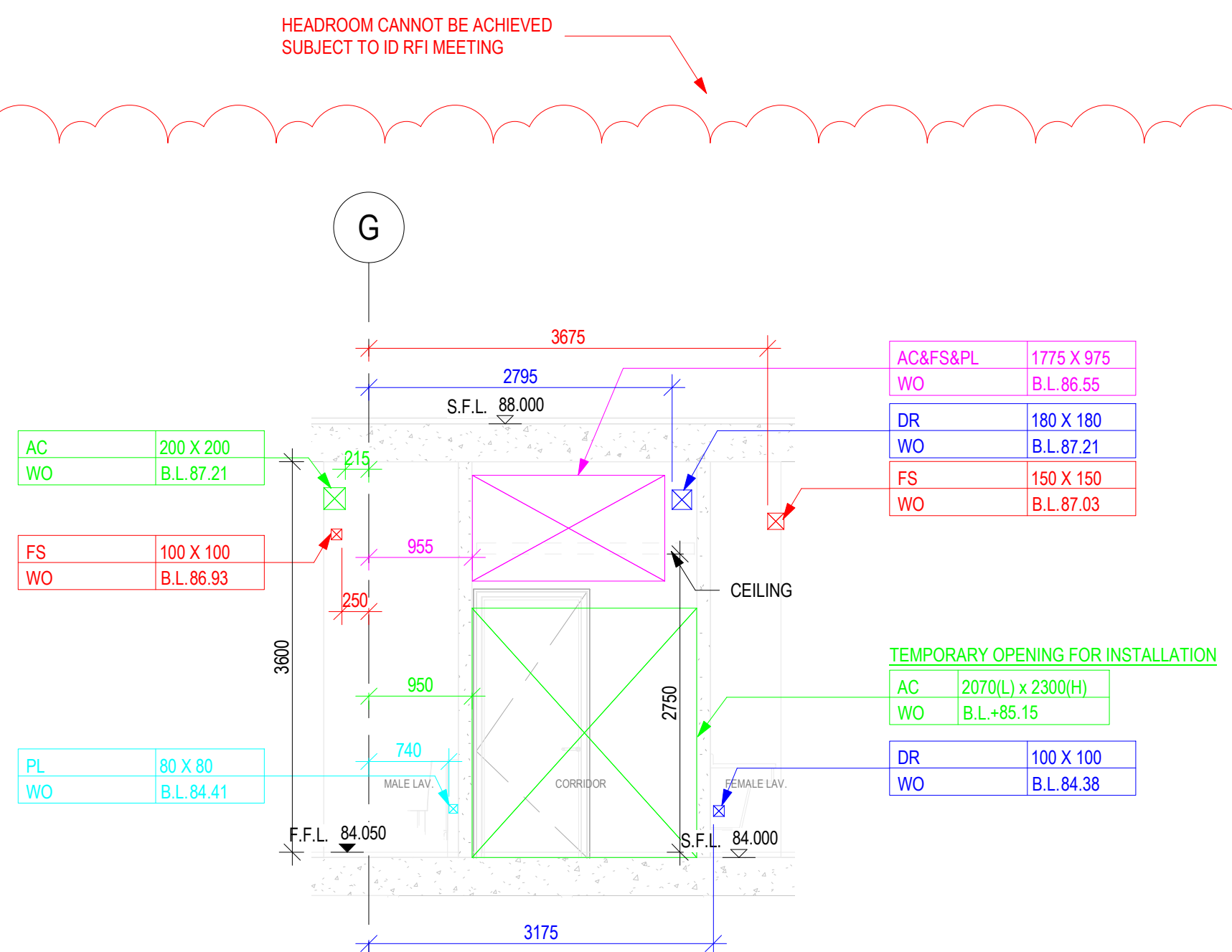
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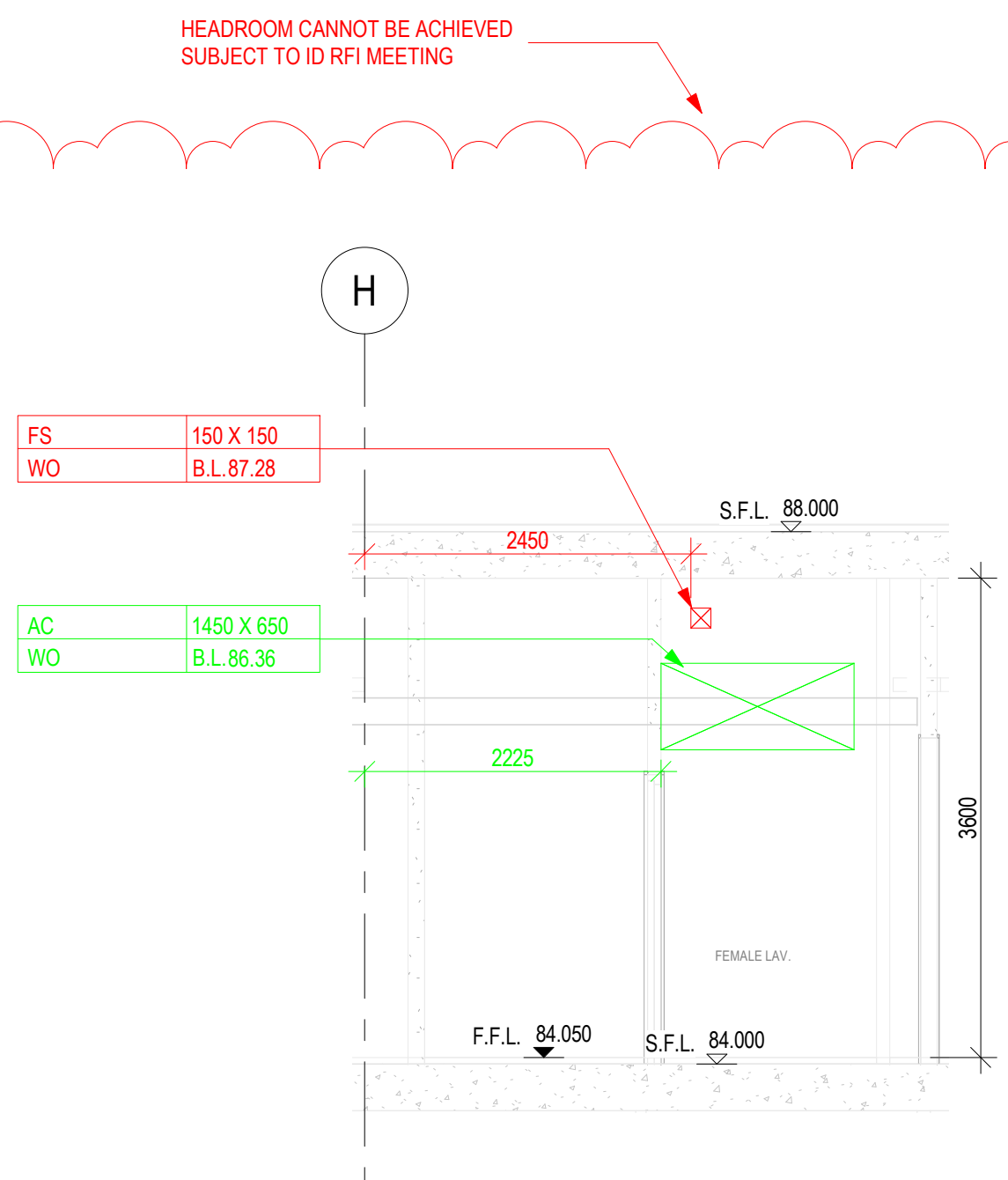
67 SECTION 67
MEP-SP07-HVCE-CB1047



65 SECTION 65
MEP-SP07-HVCE-CB1047



66 SECTION 66
MEP-SP07-HVCE-CB1047



64 SECTION 64
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LINE, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE, D.W.S. NO. 2016 (AI-185)
B. - STRUCTURE (STR), L801 (AI-047)
C. - HVAC SERVICES (AC), 2502303A-AC-212 (AI-114)
D. - DRAINAGE SERVICES (DR), 2502303A-DR-211 (AI-114)
E. - ELECTRICAL SERVICES (EL), 2502303A-EL-212 (AI-114)
F. - FIRE SERVICES (FS), 2502303A-FS-211 (AI-114)
G. - GAS SERVICES (GAS), 2502303A-GAS-211 (AI-107)
H. - PLUMBING SERVICES (PL), 2502303A-PL-211 (AI-140)
I. - KITCHEN SERVICES (KE), 2502303A-KE-212 (AI-114)
J. - COMBINED OPENING, 2502303A-SEC-212 (AI-114)
K. - OPENING SIZE (W X H)
L. - CENTER LINE OF PIPE SLEEVE
M. - ALL OPENING AT PRECAST FACADE REFER TO CDM FOR PRECAST FACADE PANEL
N. - ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

REV	DESCRIPTION	DATE	INIT
1	1ST CBWD SUBMISSION	19-07-2018	

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 17 OF 66

DRAWN

CHECKED

SCALE 1:50 @ A1

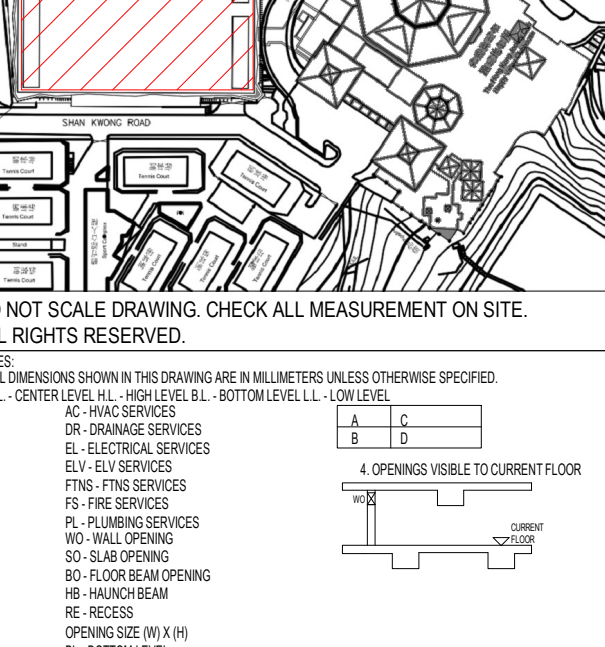
DATE 19-07-2018

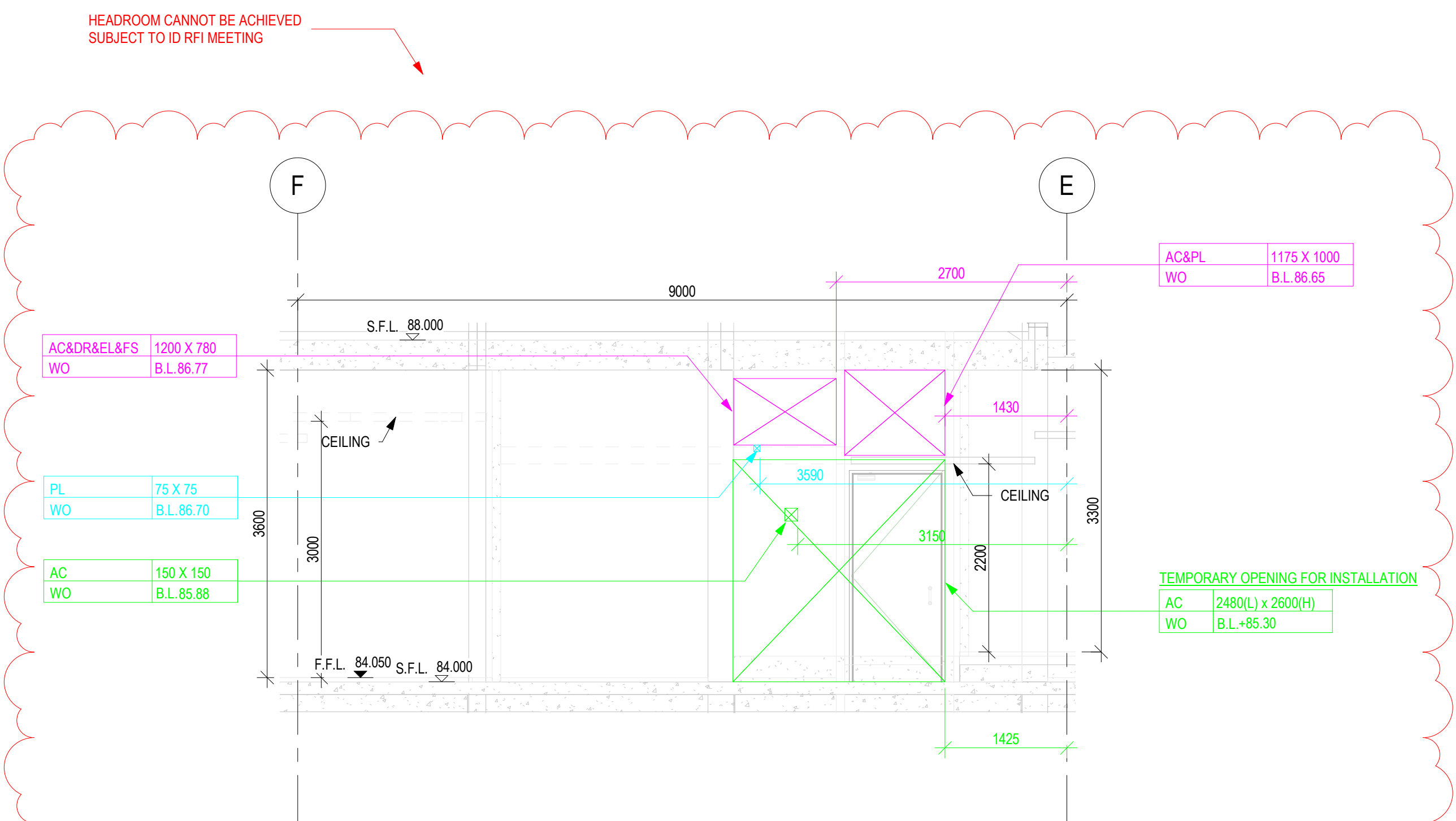
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REV -

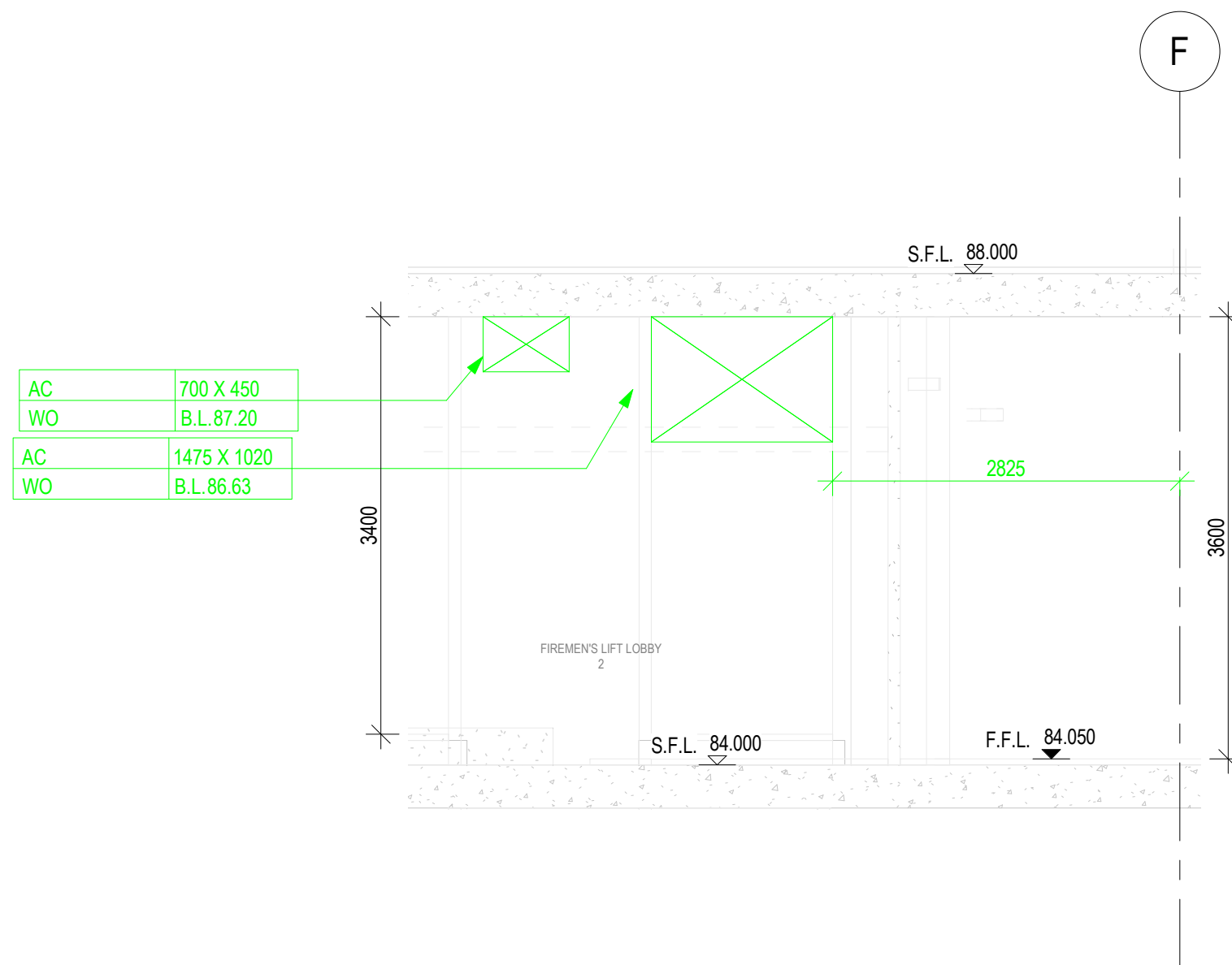


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

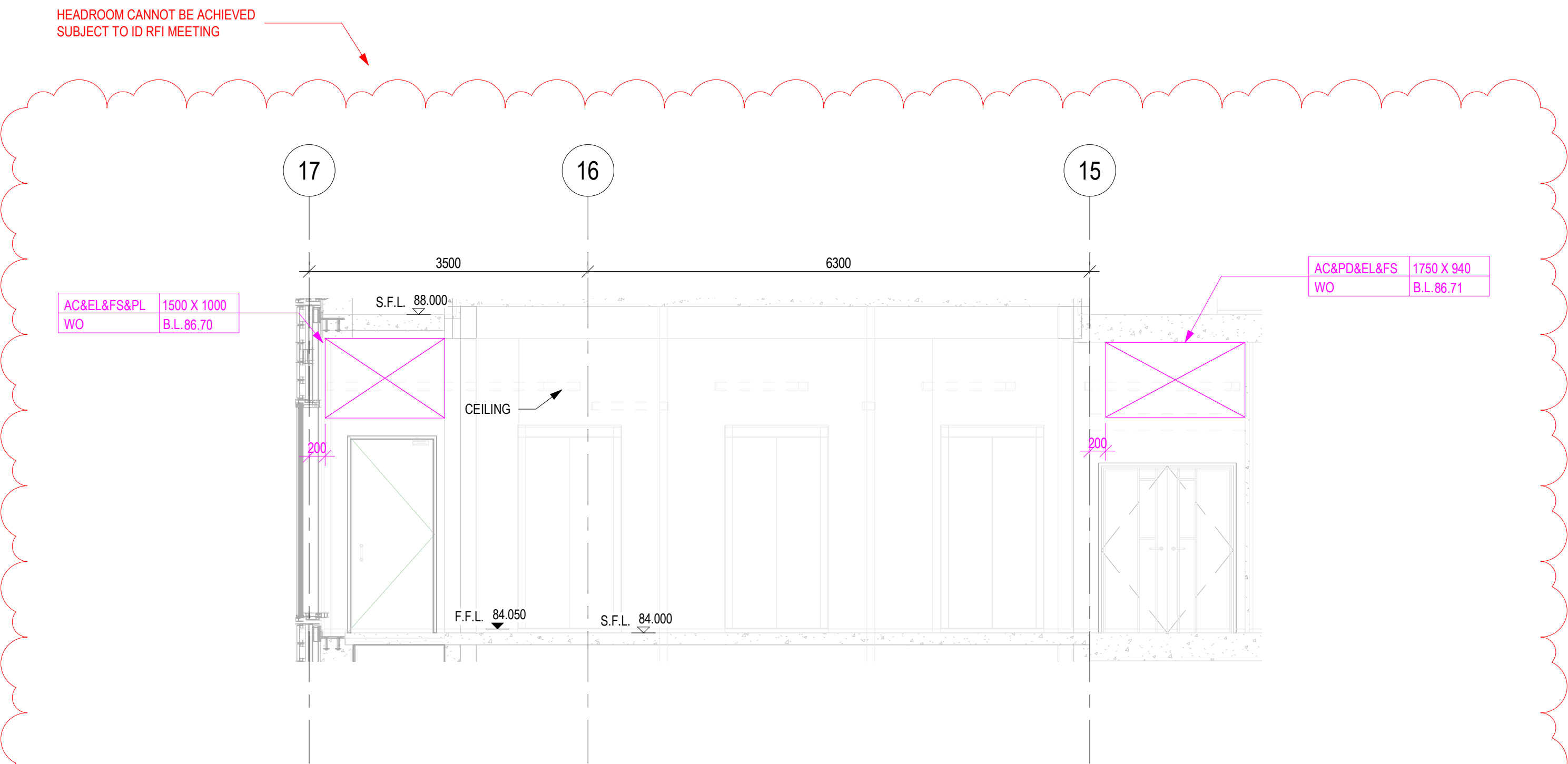
B.D. REFERENCE			
F.S.D. REFERENCE			
KEY PLAN  DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED. NOTES: 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. Z.C. - CENTER LEVEL - H.L. - HIGH LEVEL - B.L. - BOTTOM LEVEL - L.L. - LOW LEVEL. 3. A. B. C. D. LEGEND: A. ARCHITECTURE (ARCH) B. STRUCTURE (STR) C. HVAC SERVICES (AC) D. DRAINAGE SERVICES (DR) E. ELECTRICAL SERVICES (EL) F. FIRE SERVICES (FS) G. GAS SERVICES (GAS) H. FIRE SERVICES (FS) I. PLUMBING SERVICES (PL) J. KITCHEN SERVICES (KE) K. COMBINED OPENING COLOUR CODE NO: 255 255 255 128 128 128 0 255 0 0 0 255 210 160 0 128 0 0 128 0 255 255 0 0 0 255 255 255 128 0 255 128 0 255 0 255			
DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.			
NOTES: 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. Z.C. - CENTER LEVEL - H.L. - HIGH LEVEL - B.L. - BOTTOM LEVEL - L.L. - LOW LEVEL. 3. A. B. C. D.			
LEGEND: A. ARCHITECTURE (ARCH) B. STRUCTURE (STR) C. HVAC SERVICES (AC) D. DRAINAGE SERVICES (DR) E. ELECTRICAL SERVICES (EL) F. FIRE SERVICES (FS) G. GAS SERVICES (GAS) H. FIRE SERVICES (FS) I. PLUMBING SERVICES (PL) J. KITCHEN SERVICES (KE) K. COMBINED OPENING			
COLOUR CODE NO: 255 255 255 128 128 128 0 255 0 0 0 255 210 160 0 128 0 0 128 0 255 255 0 0 0 255 255 255 128 0 255 128 0 255 0 255			
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			
TRADE DWG. NO.			
ARCH 2018 (A-185)			
STR L801 (A-047)			
HVAC 25023030A-AC-212 (A-114)			
FS 25023030A-FS-212 (A-114)			
PL 25023030A-PL-211 (A-140)			
DR 25023030A-DR-212 (A-140)			
GAS TC-SHRCO-DOGF			
EL(LIGHTING) 25023030A-EL-211 (A-107)			
EL(POWER) 25023030A-EL-312 (A-114)			
EL(CABLE CONTAINMENT) 25023030A-EL-412 (A-140)			
EL(VELV & CABLE CONTAINMENT) 25023030A-ELV-212 (A-114)			
SEC(SEcurity) 25023030A-SEC-212 (A-114)			
SERVICES PROVIDE			
COLOUR CODE NO:			
ARCHITECTURE (ARCH) 255 255 255			
STRUCTURE (STR) 128 128 128			
HVAC SERVICES (AC) 0 255 0			
DRAINAGE SERVICES (DR) 0 0 255			
ELECTRICAL SERVICES (EL) 210 160 0			
ELECTRICAL SERVICES (ELV) 128 0 0			
GAS SERVICES (GAS) 128 0 255			
FIRE SERVICES (FS) 255 0 0			
PLUMBING SERVICES (PL) 0 255 255			
KITCHEN SERVICES (KE) 255 128 0			
COMBINED OPENING 255 0 255			
1ST CWD SUBMISSION			
19-07-2018			
REVISION			
DESCRIPTION			
DATE			
INIT			
DO NOT SCALE DRAWINGS.			
ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			
CLIENT			
DESIGN ARCHITECT			
EXECUTIVE ARCHITECT			
STRUCTURAL & GEOTECHNICAL ENGINEER			
M&E CONSULTANT			
MAIN CONTRACTOR			
SUB-CONTRACTOR			
PROJECT			
DRAWING TITLE			
COMBINED BUILDER'S WORK DRAWING			
MAIN BUILDING			
8/F SECTIONS			
SHEET 19 OF 66			
DRAWN			
CHECKED			
SCALE			
1 : 50			
@ A1			
DATE			
19-07-2018			
DRAWING NO.			
MEP-SP07-HVCE- CB2569			
REV			
-			



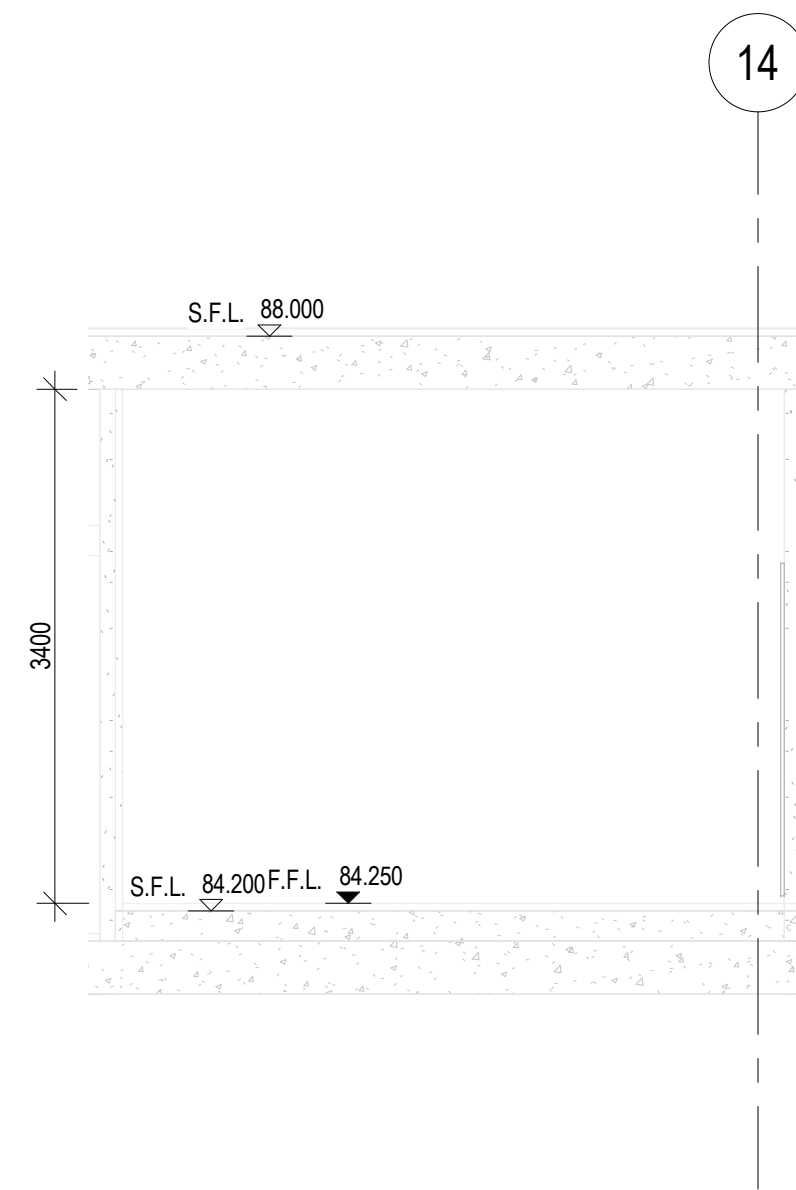
79 SECTION 79
MEP-SP07-HVCE-CB1047



77 SECTION 77
MEP-SP07-HVCE-CB1047



78 SECTION 78
MEP-SP07-HVCE-CB1047



76 SECTION 76
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELECTRICAL SERVICES
FIRE - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BS - FLOOR BEAM OPENING
HB - HATCH BEAM
HS - HATCHES
C. OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

SERVICES PROVIDE	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 20 OF 66

DRAWN

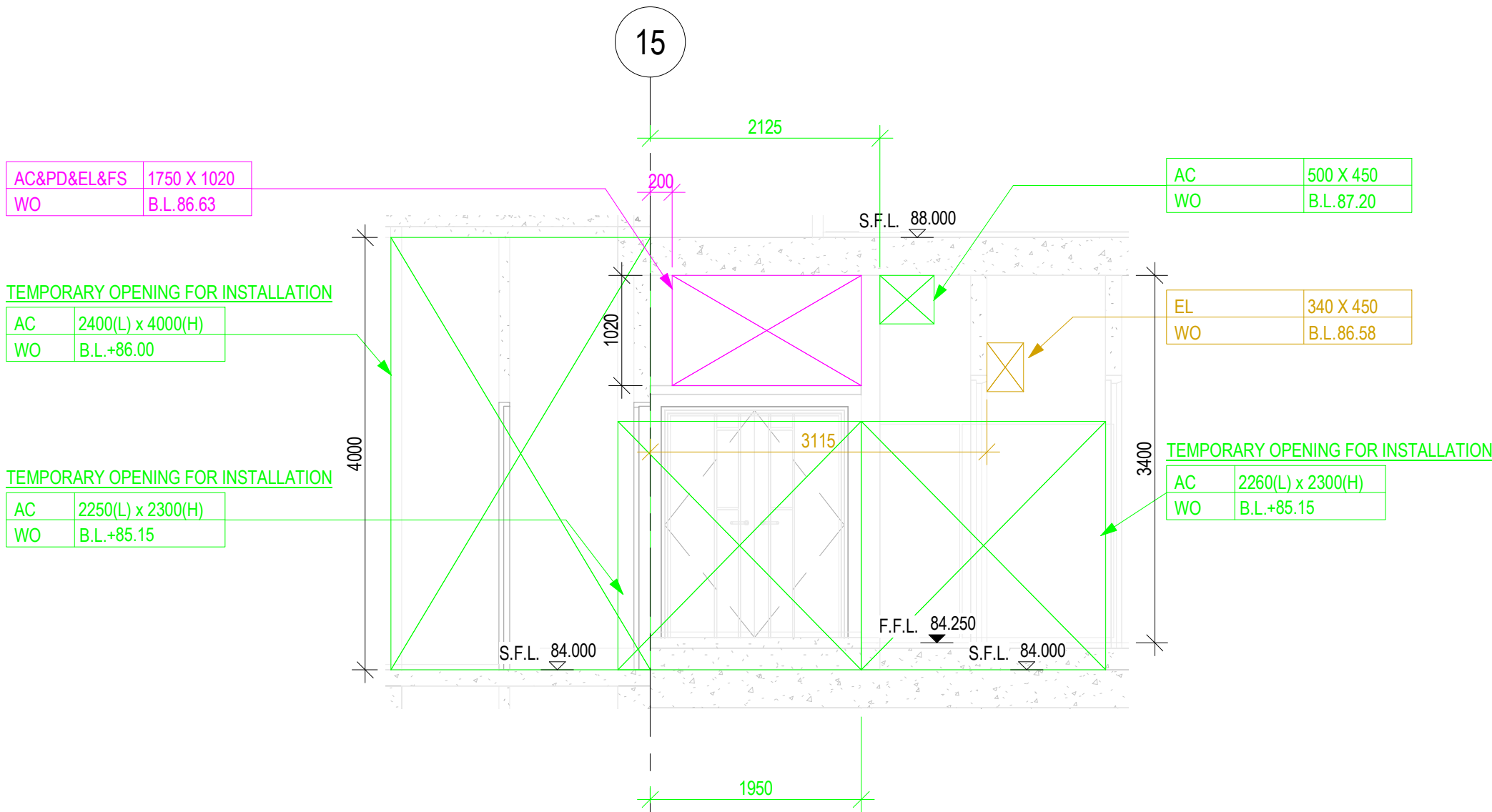
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SCALE 1 : 50 @ A1 DATE 19-07-2018

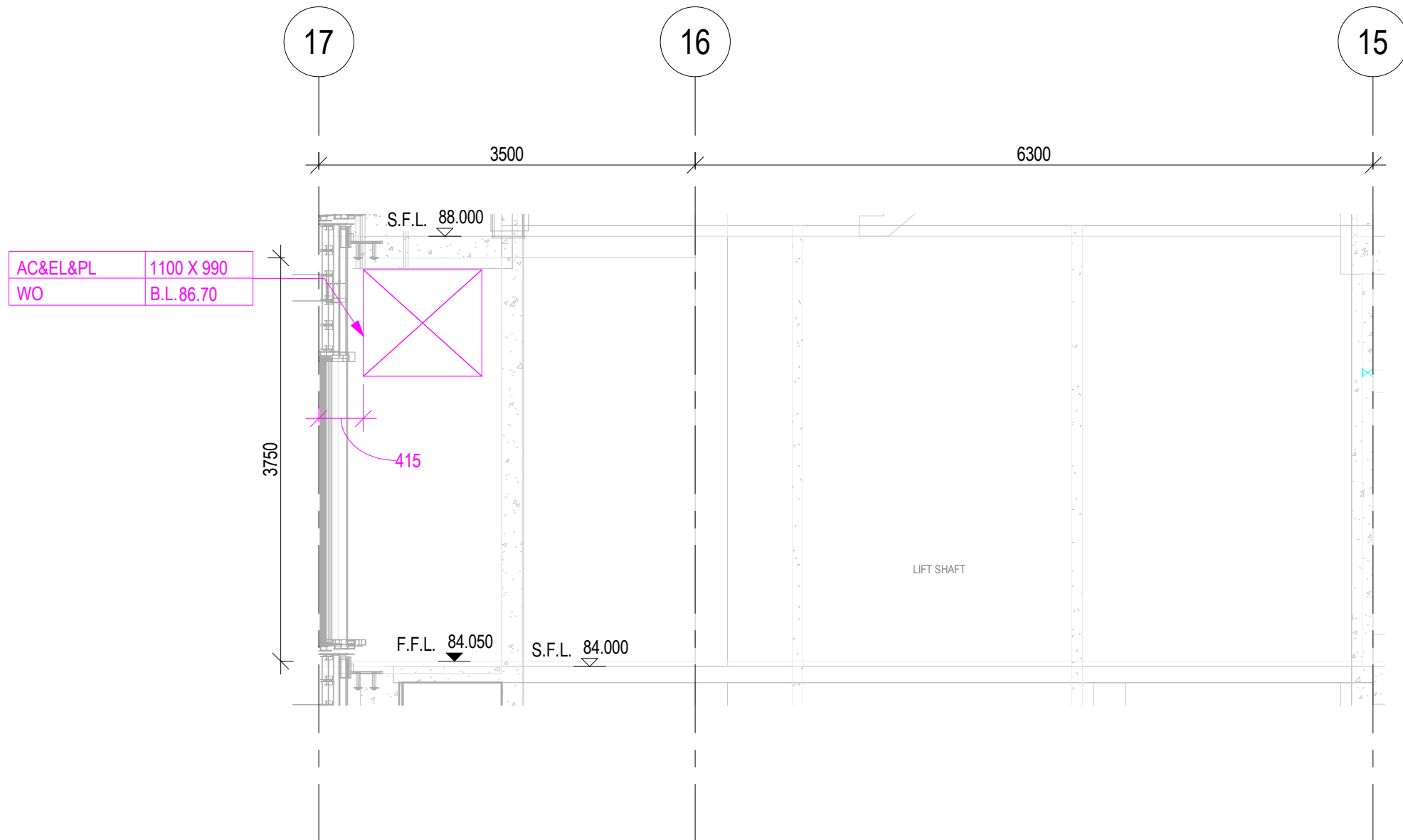
DRAWING NO. REV

MEP-SP07-HVCE-CB2570

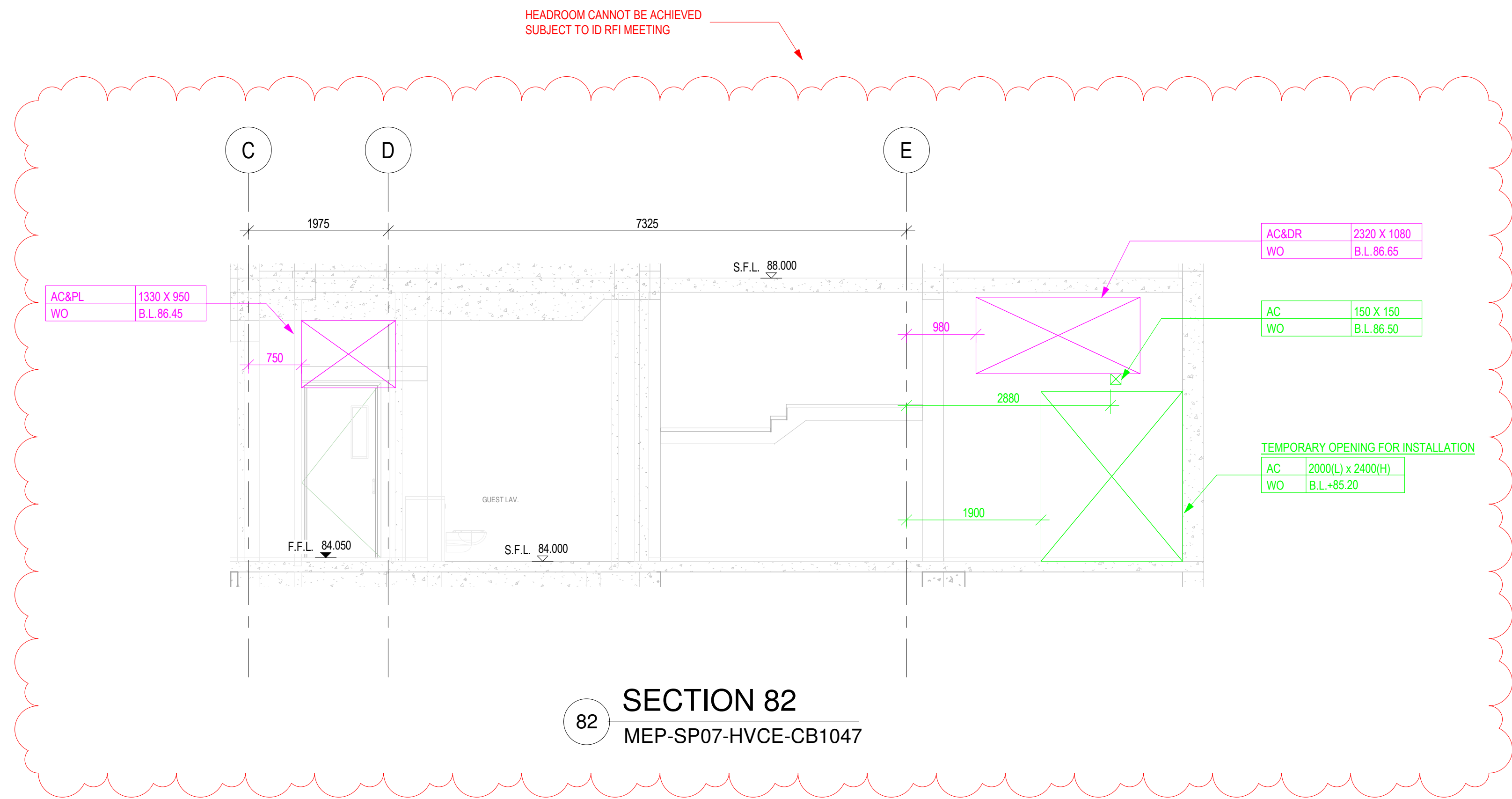
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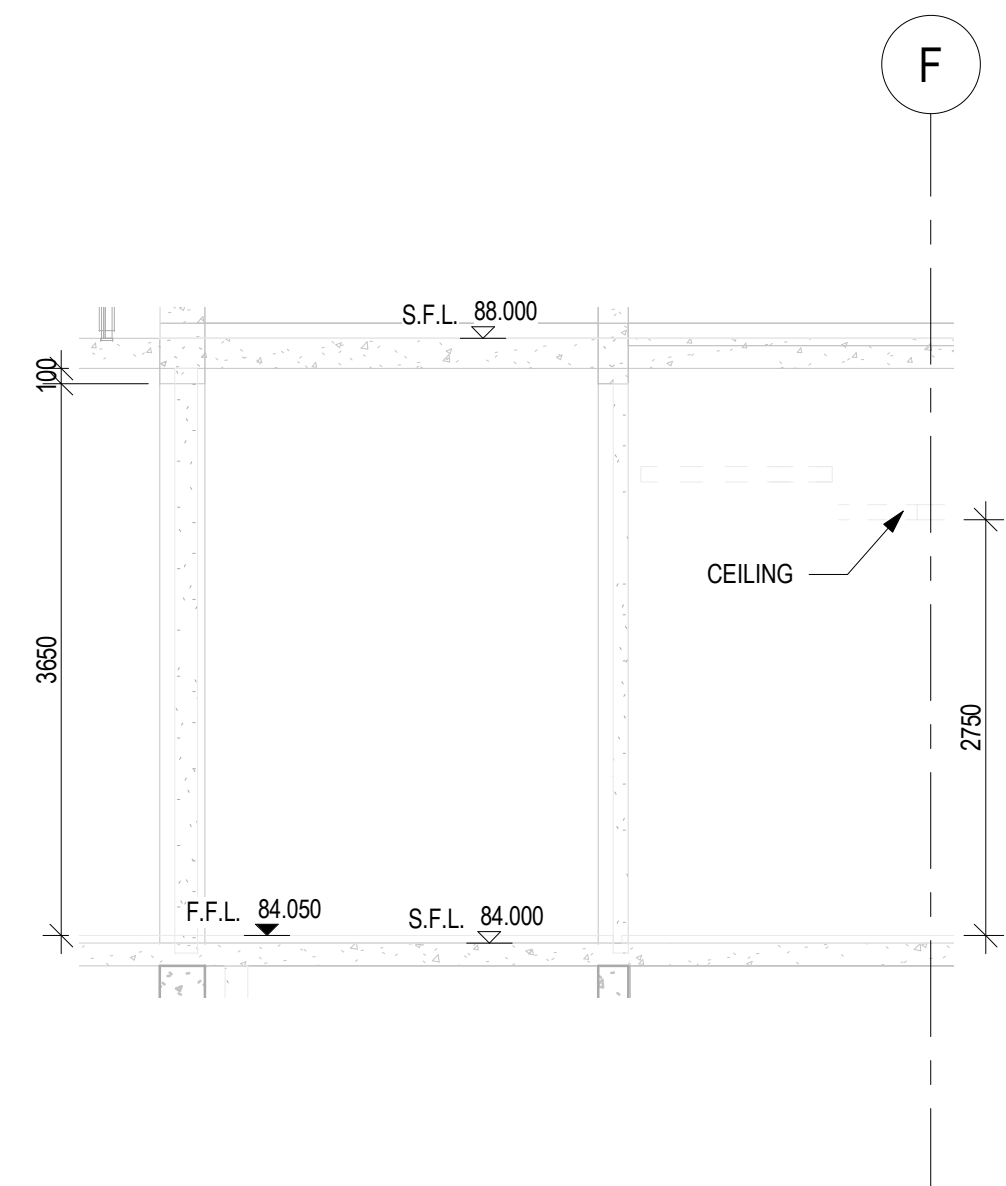
83 SECTION 83
MEP-SP07-HVCE-CB1047



81 SECTION 81
MEP-SP07-HVCE-CB1047



82 SECTION 82
MEP-SP07-HVCE-CB1047



80 SECTION 80
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - ARCHITECTURAL SERVICES
DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEVATOR SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WD - WALL OPENING
SD - SLAB OPENING
BD - FLOOR BEAM OPENING
HB - HATCH BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
S. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 21 OF 66

DRAWN

CHECKED

SCALE 1:50 @ A1 DATE 19-07-2018

DRAWING NO. REV

MEP-SP07-HVCE-CB2571

-

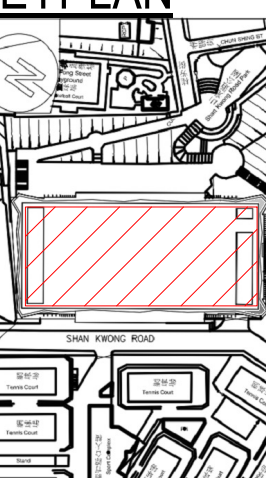


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D. REFERENCE

F.S.D. REFERENCE

KEYPLAN



DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

2. C/L: CENTERLINE H/L: HIGH LEVEL B/L: BOTTOM LEVEL L.L.: LOW LEVEL

3. A. AC: HVAC SERVICES
DR: DRAINAGE SERVICES
EL: ELECTRICAL SERVICES
ELV: ELV SERVICES
FINS: FINS SERVICES
FS: FIRE SERVICES
PL: PLUMBING SERVICES
NO: WALL OPENING
BO: SLAB OPENING
RF: FLOOR BEAM OPENING
RE: RAINWATER DRAIN
RE: RECESSED
OR: OPENING RISE (H/L)
D: BOTTOM LEVEL
CL: CENTERLINE LEVEL OF PIPE SLEEVE

4. OPENINGS VISIBLE TO CURRENT FLOOR

5. ALL OPENING AT PRECAST FACADE REFER TO GROUND OR PRECAST FACADE PANEL.

6. ALL DEPTH OR RECESSED FOR INSTALLATION SPECULATIVE ONLY.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO	REV
ARCH	2016 (AI-185)	A
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SHRCO-D00F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CANTAINMENT)	2502303A-ELV-412 (AI-140)	C
EL(VELV & CABLE CANTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

COLOUR CODE NO:

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

REV

DESCRIPTION

DATE

INIT

DO NOT SCALE DRAWINGS

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 22 OF 66

DRAWN

CHECKED

SCALE

1:50 @ A1

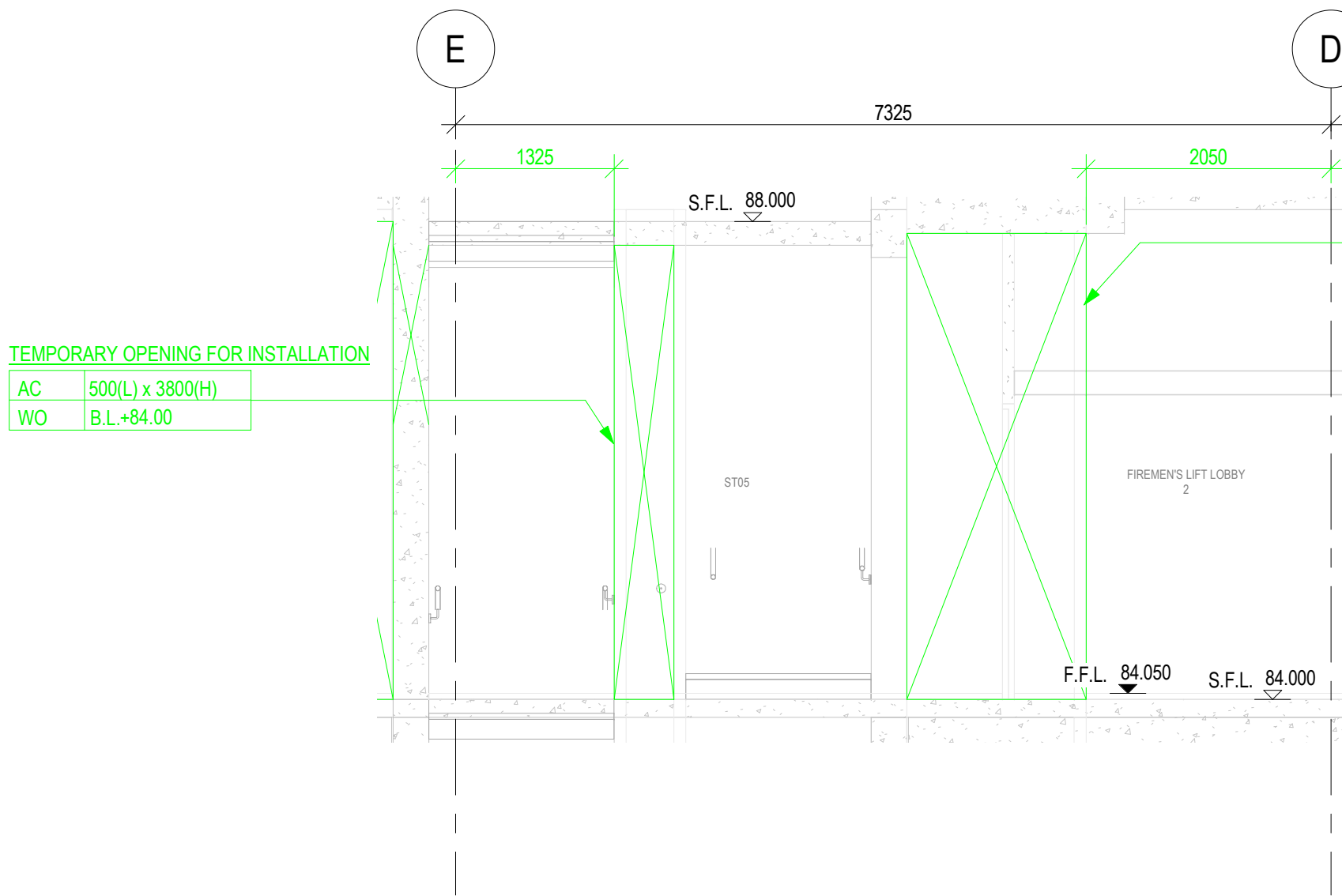
DATE

19-07-2018

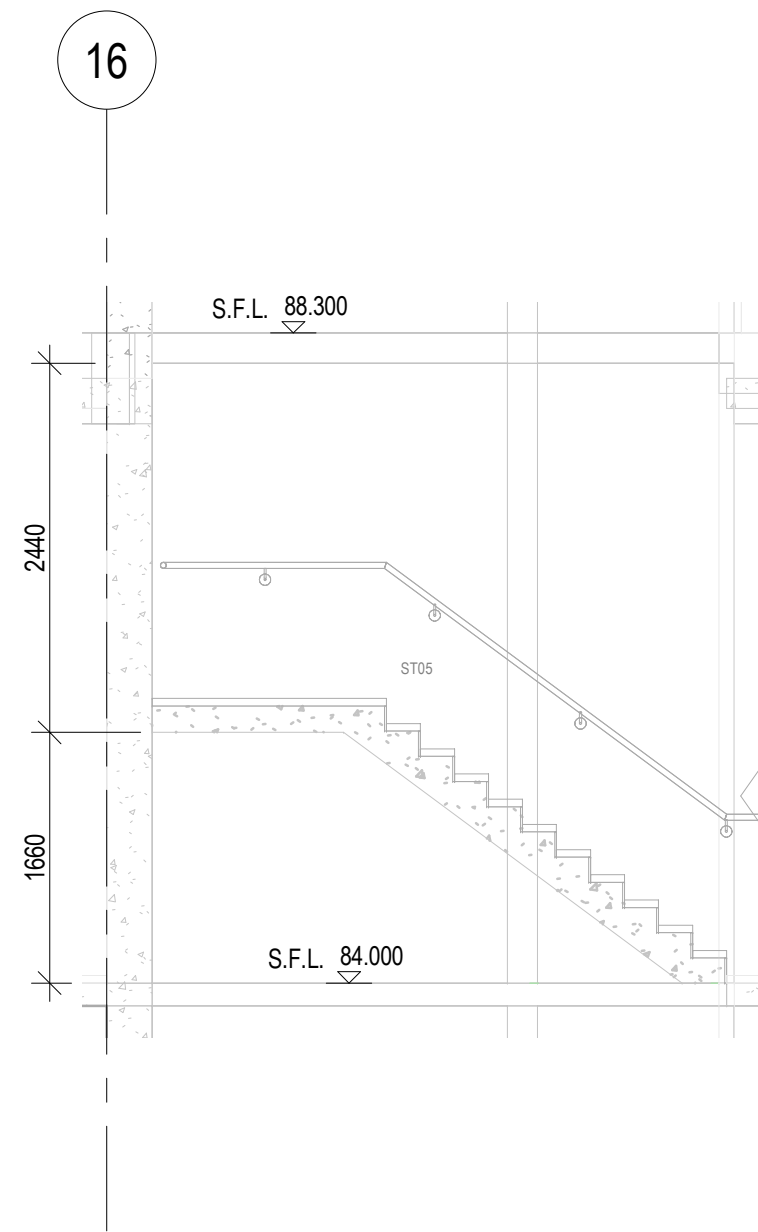
DRAWING NO.

MEP-SP07-HVCE- CB2572

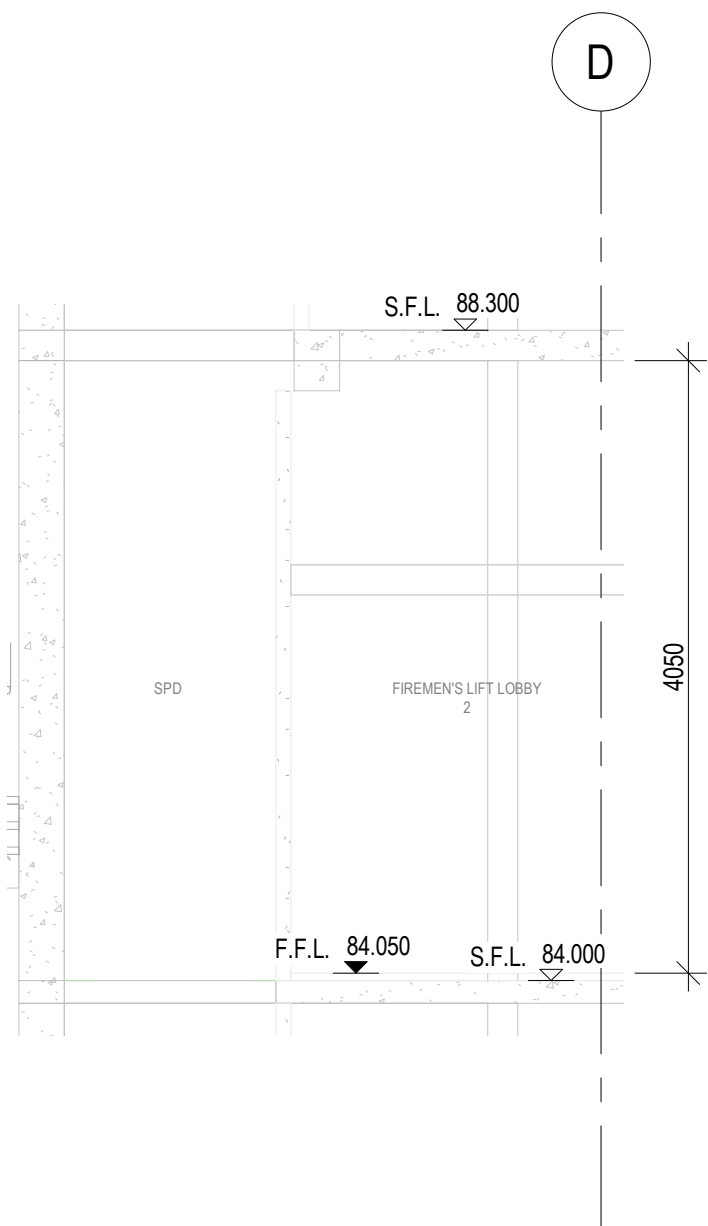
REV



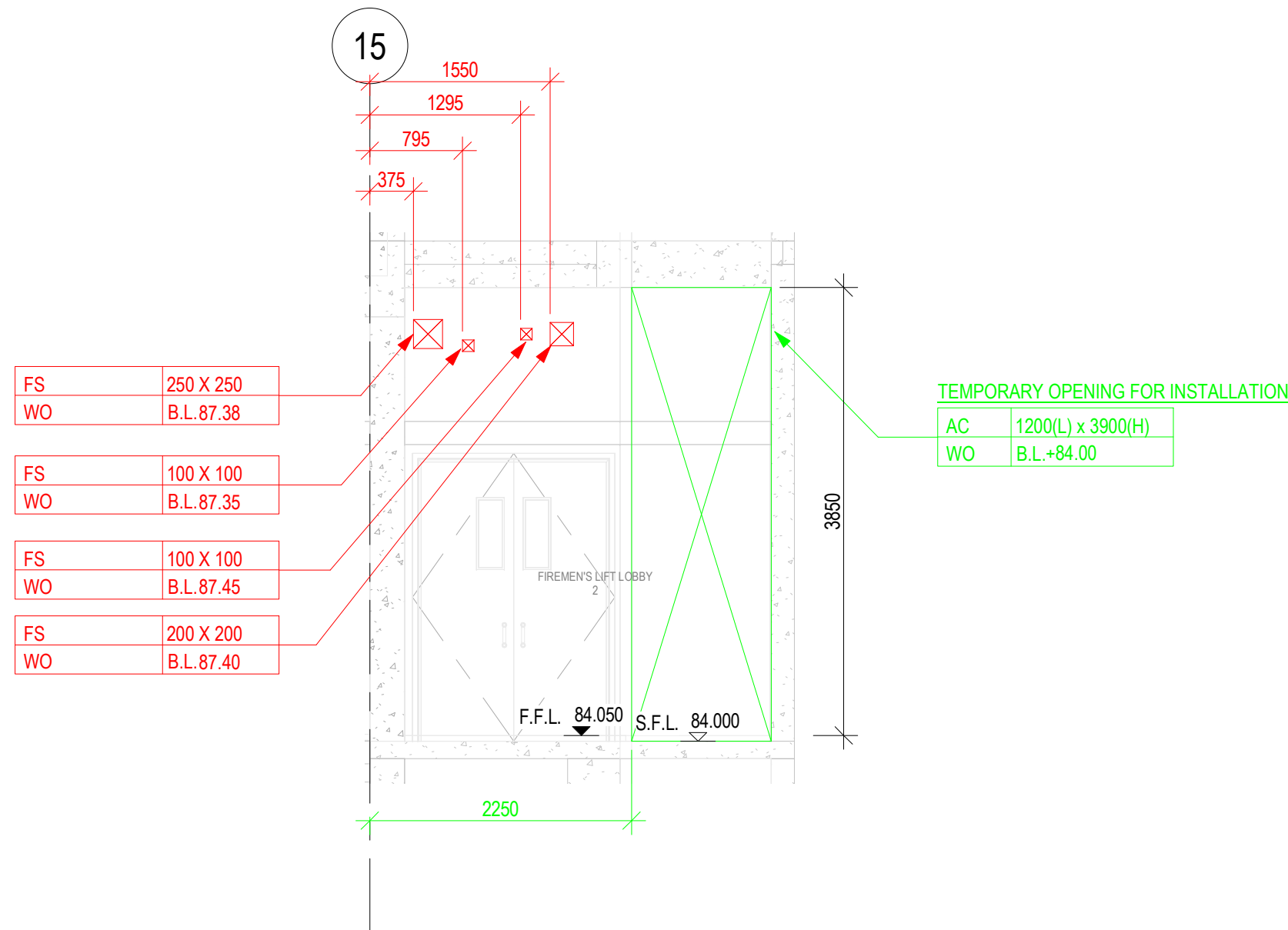
91 SECTION 91
MEP-SP07-HVCE-CB1047



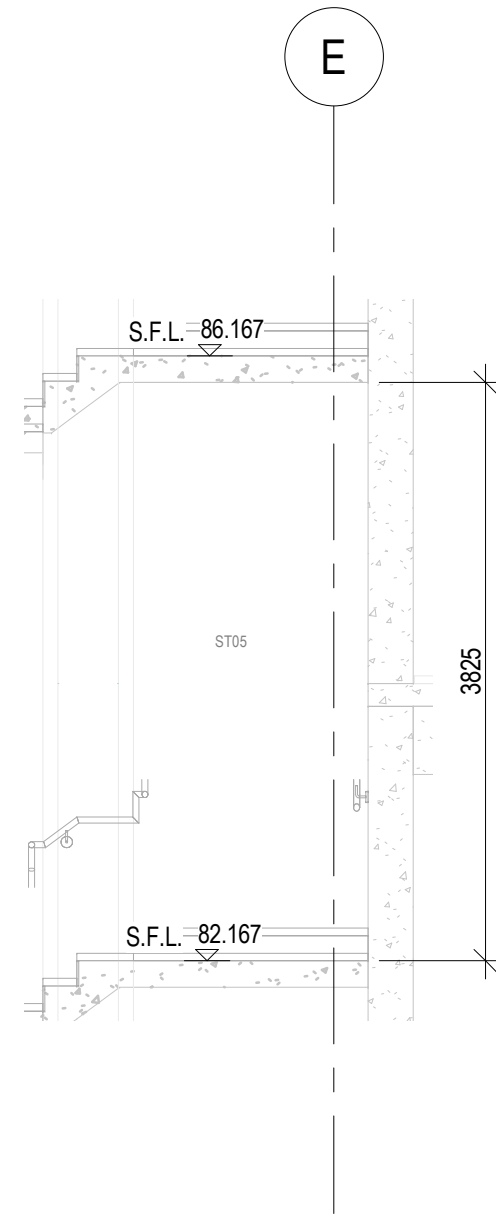
89 SECTION 89
MEP-SP07-HVCE-CB1047



92 SECTION 92
MEP-SP07-HVCE-CB1047



90 SECTION 90
MEP-SP07-HVCE-CB1047



88 SECTION 88
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - ARCHITECTURAL SERVICES
DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEVATOR SERVICES
FIRE - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WD - WALL OPENING
SD - SLAB OPENING
BS - FLOOR BEAM OPENING
HB - HANGING BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
ELV(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	A
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 23 OF 66

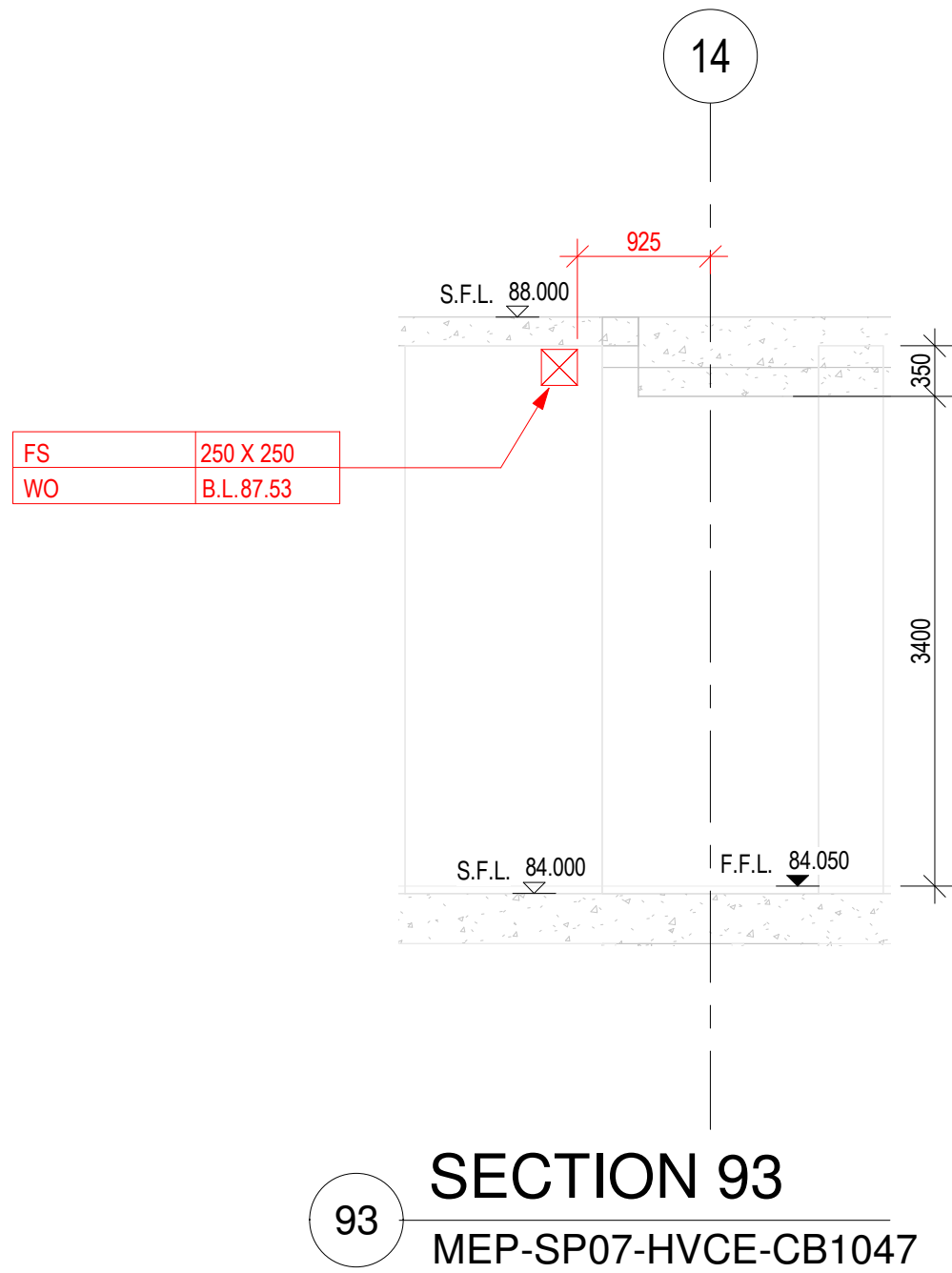
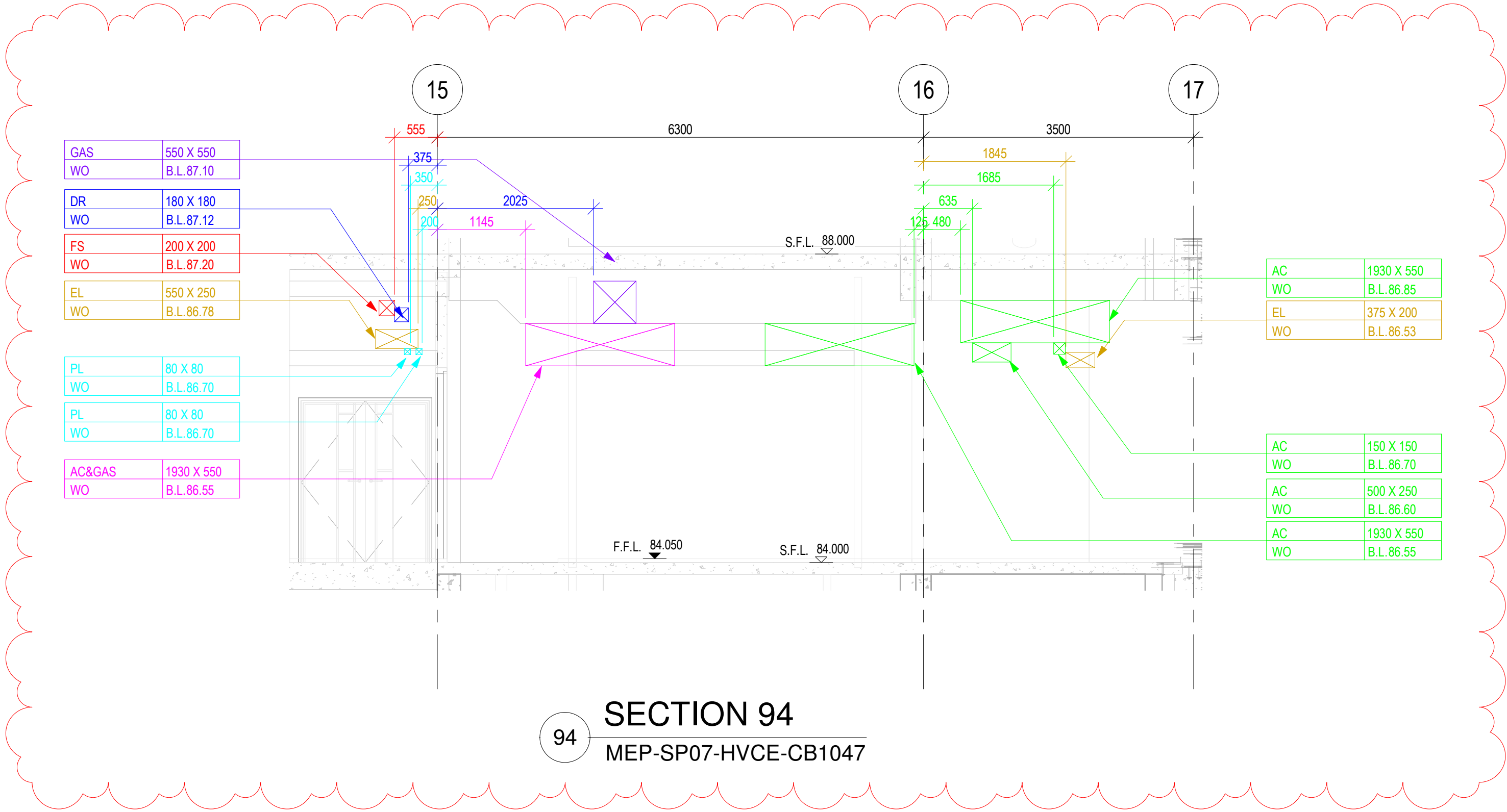
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SCALE 1 : 50 @ A1 DATE 19-07-2018

DRAWING NO. REV

MEP-SP07-HVCE-CB2573 -



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEV SERVICES
FNG - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BS - FLOOR BEAM OPENING
HB - HAUNCH BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
D. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 24 OF 66

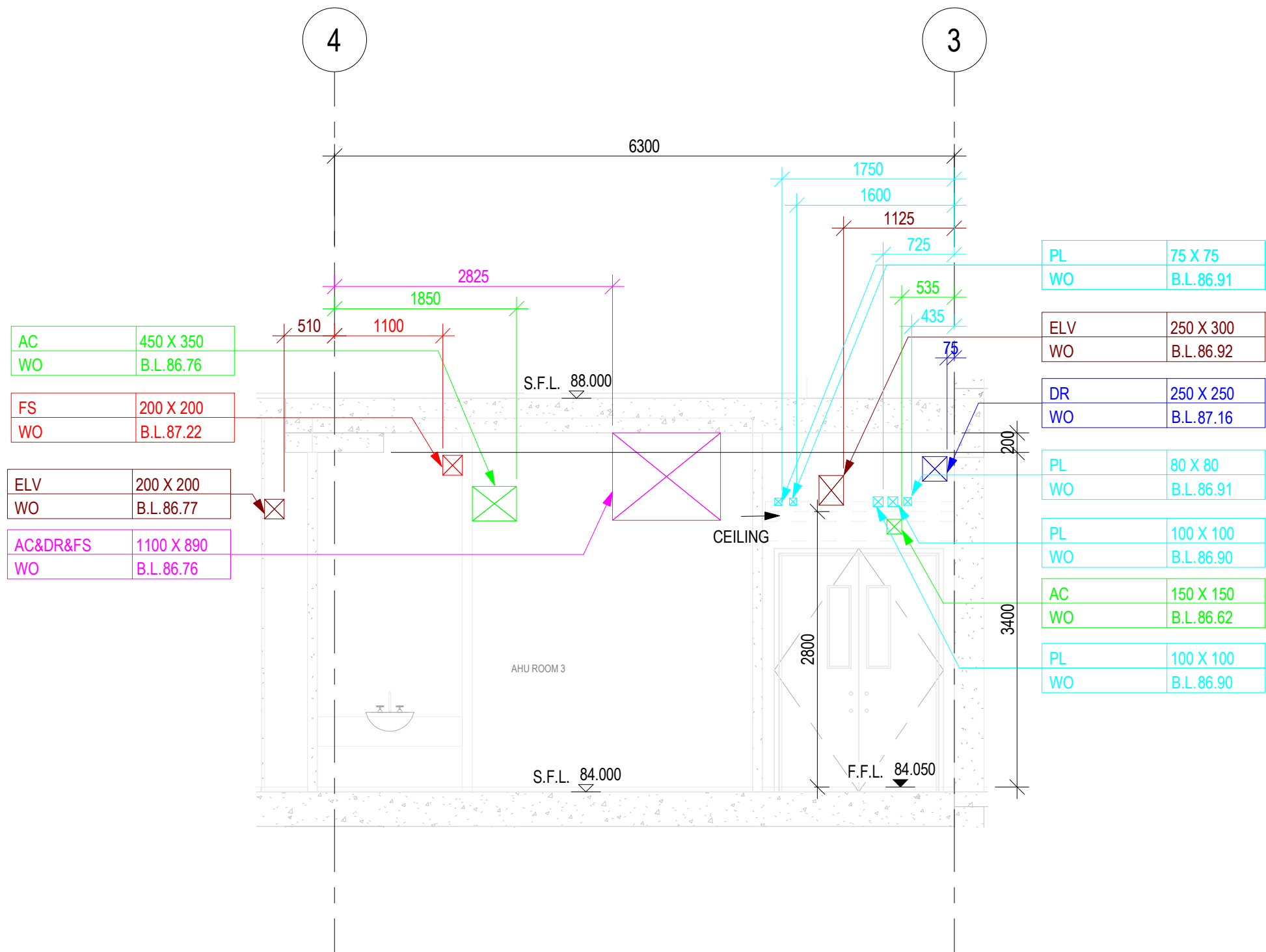
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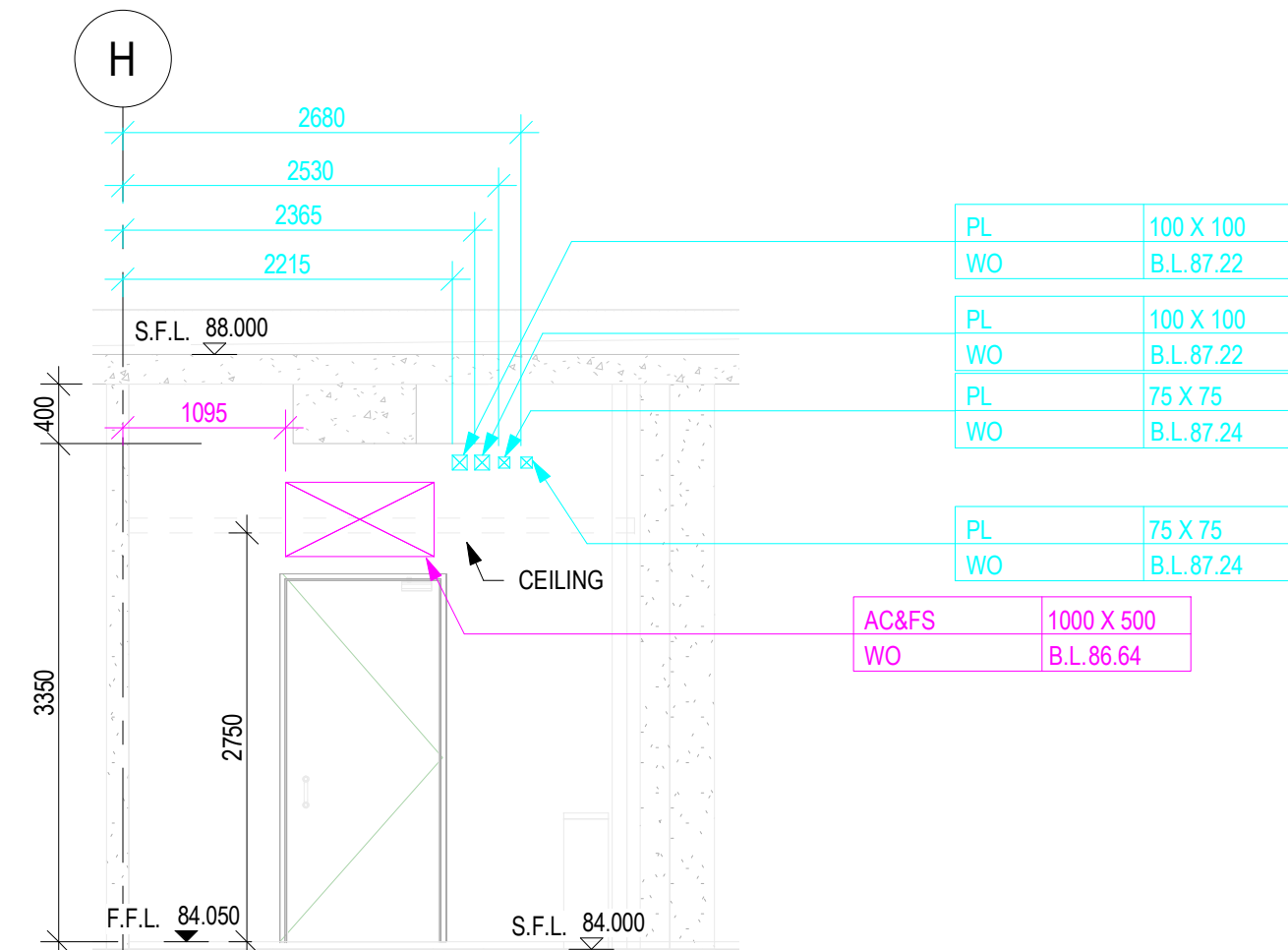
SCALE 1 : 50 @ A1 DATE 19-07-2018

DRAWING NO. REV

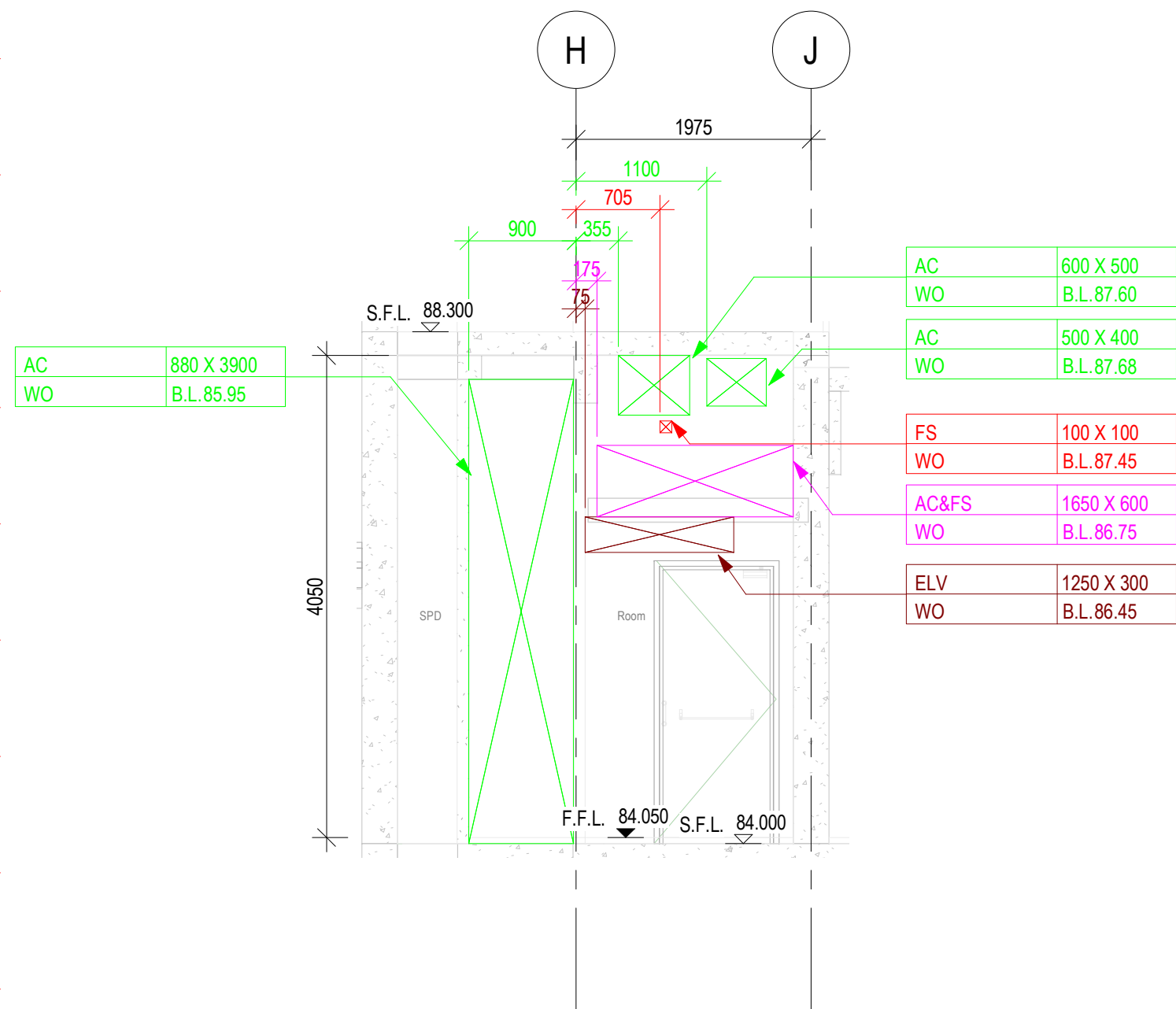
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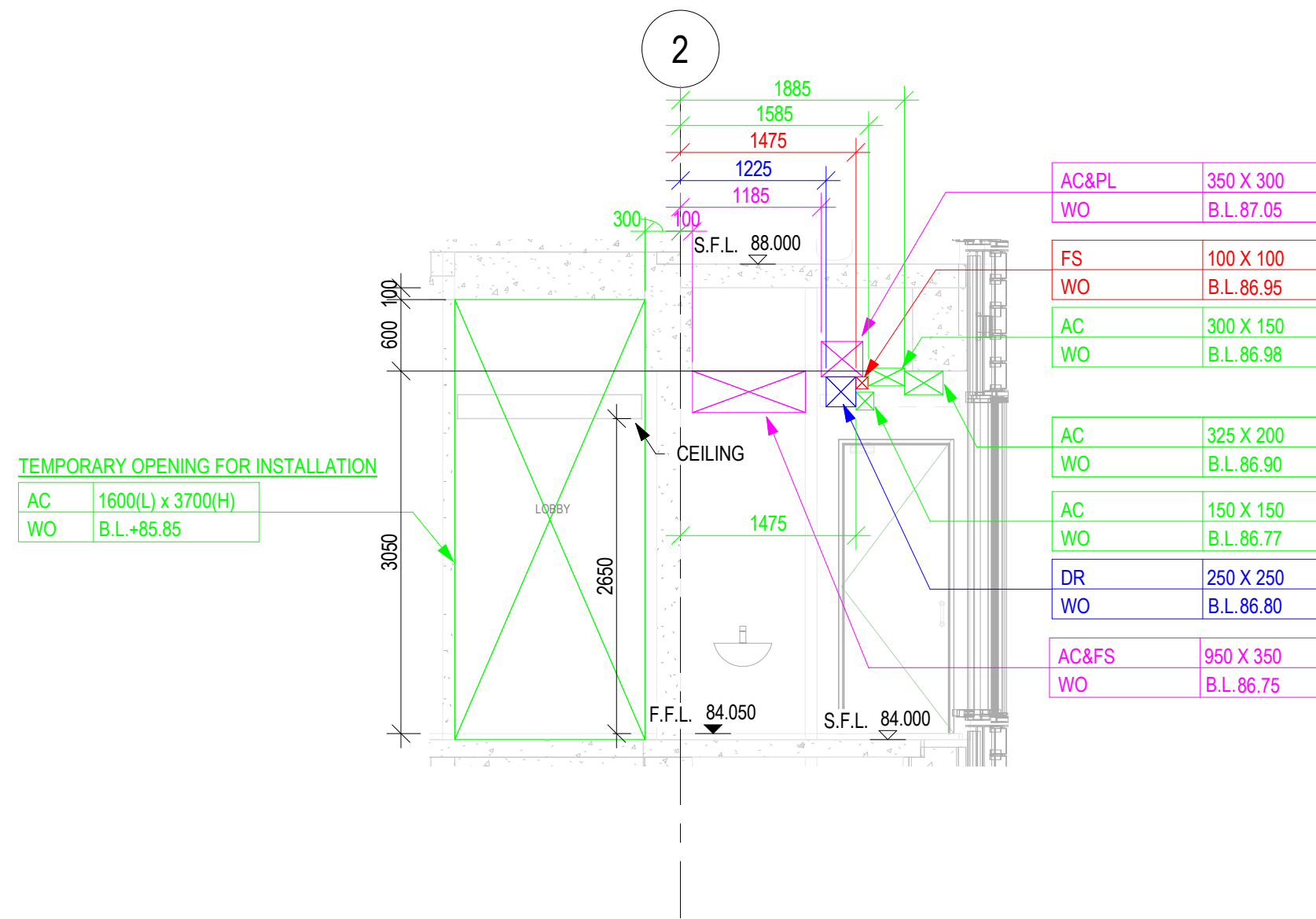
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SECTION B4
MEP-SP07-HVCE-CB1046



B2
SECTION B2
MEP-SP07-HVCE-CB1046



B3
SECTION B3
MEP-SP07-HVCE-CB1046



B1
SECTION B1
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - MECHANICAL SERVICES
B. DR - DRAINAGE SERVICES
C. EL - ELECTRICAL SERVICES
D. ELV - ELECTRICAL SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. WO - WALL OPENING
H. SLAB OPENING
I. 80 - FLOOR BEAM OPENING
J. HATCH BEAM
K. RECESSES
L. OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. C.L. - CENTER LEVEL OF PIPE SLEEVE
O. S. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
P. ALL DEPTH OF RECESS FOR P&O INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-006F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 25 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE 19-07-2018

DRAWING NO. REV

MEP-SP07-HVCE-CB2575



COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D REFERENCE

F.S.D REFERENCE

KEY PLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. Z.C. - CENTER LEVEL - H.L. - HIGH LEVEL - B.L. - BOTTOM LEVEL - L.L. - LOW LEVEL
3. A.
A. AC- HVAC SERVICES
E. ELECTRICAL SERVICES
ELV- ELEVATOR SERVICES
F.TS- FINE TUNE SERVICES
P. PLUMBING SERVICES
FS- FIRE SERVICES
NO. WALL OPENING
SO- SUB SO OPENING
BO- FLOOR BEAM OPENING
HO- HANDICAP
RE- RECESS
OP- OPENING SIZE (H X W)
D. BOTTOM LEVEL OF PIPE SLEEVE
CL- CENTER LEVEL OF PIPE SLEEVE

S. ALL OPENING AT PRECAST FACADE REFER TO CHSD FOR PRECAST FACADE PANEL.
6. ALL LEFT/HAND RECESSES FOR PIPES INSTALLATION SHOULD BE ADDED.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV
ARCH	2018 (AI-185)	A
STR	L801 (AI-047)	D
HVAC	25023030A-AC-212 (AI-114)	B
FS	25023030A-FS-212 (AI-114)	C
PL	25023030A-PL-211 (AI-140)	B
DR	25023030A-DR-212 (AI-140)	B
GAS	TC-SHRCC-DORGF	-
ELEV(LIGHTING)	25023030A-EL-211 (AI-107)	-
EL(POWER)	25023030A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	25023030A-ELV-412 (AI-140)	C
ELV(VELV & CABLE CONTAINMENT)	25023030A-ELV-212 (AI-114)	C
SEC(SEcurity)	25023030A-SEC-212 (AI-114)	A

SERVICES PROVIDE

COLOUR CODE NO:

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

1ST CWBD SUBMISSION

REV

DESCRIPTION

DATE

INIT

- DO NOT SCALE DRAWINGS.
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 26 OF 66

DRAWN

CHECKED

SCALE1 : 50 @ A1

DATE

19-07-2018

DRAWING NO.

REV

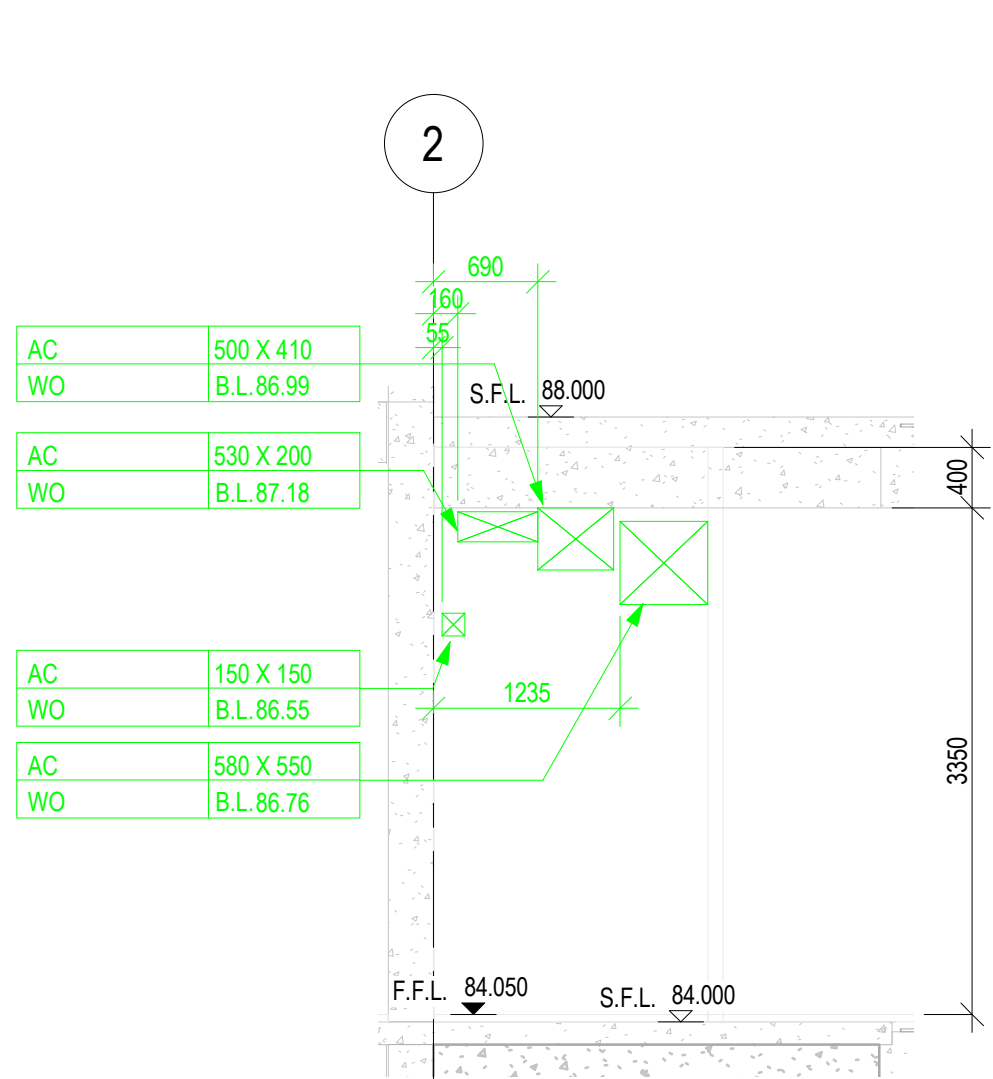
MEP-SP07-HVCE- CB2576

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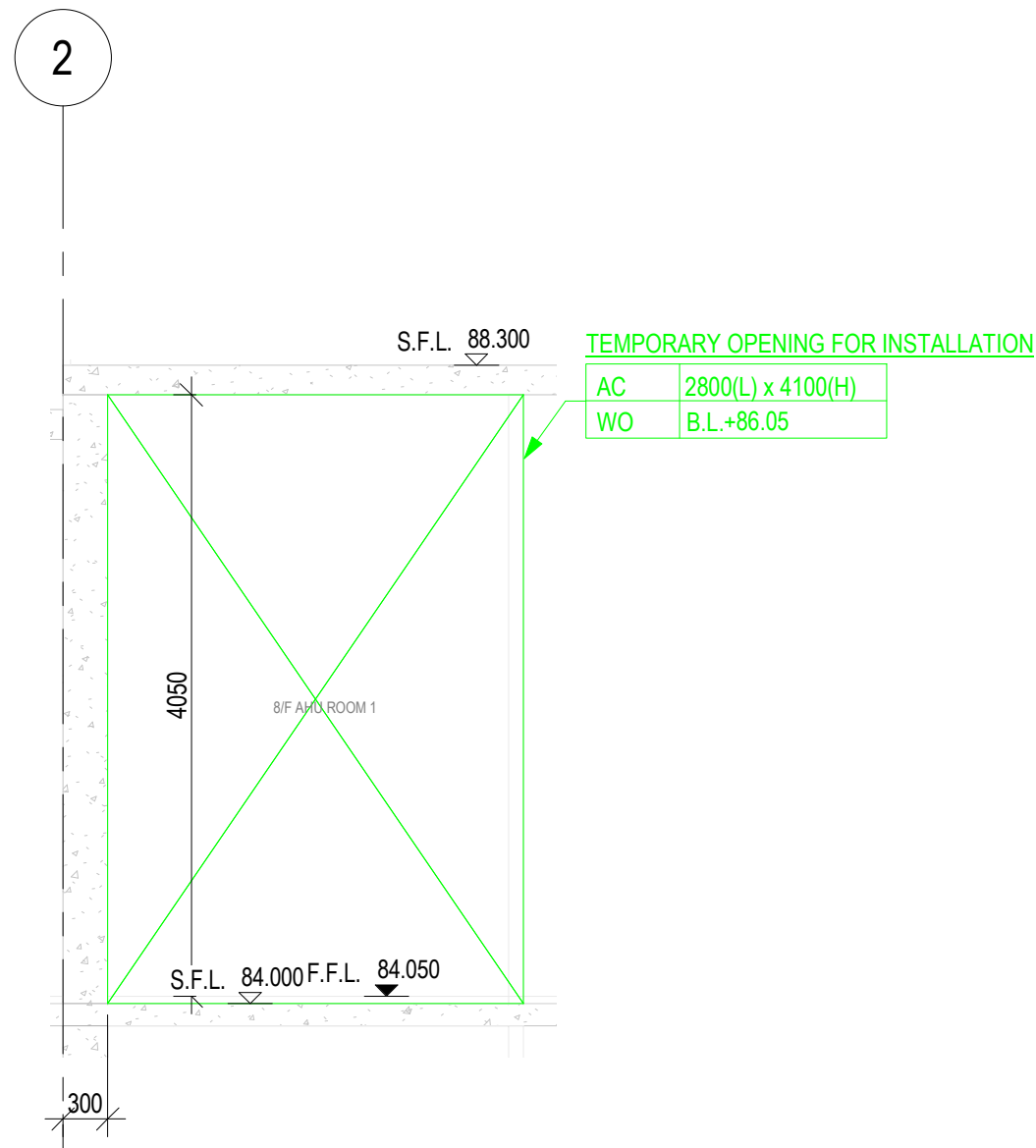


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

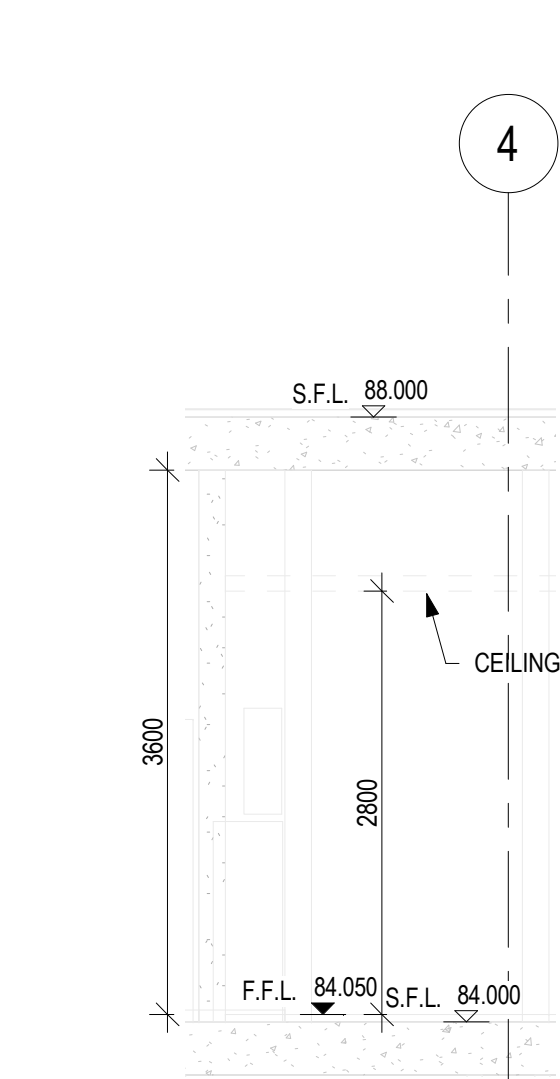
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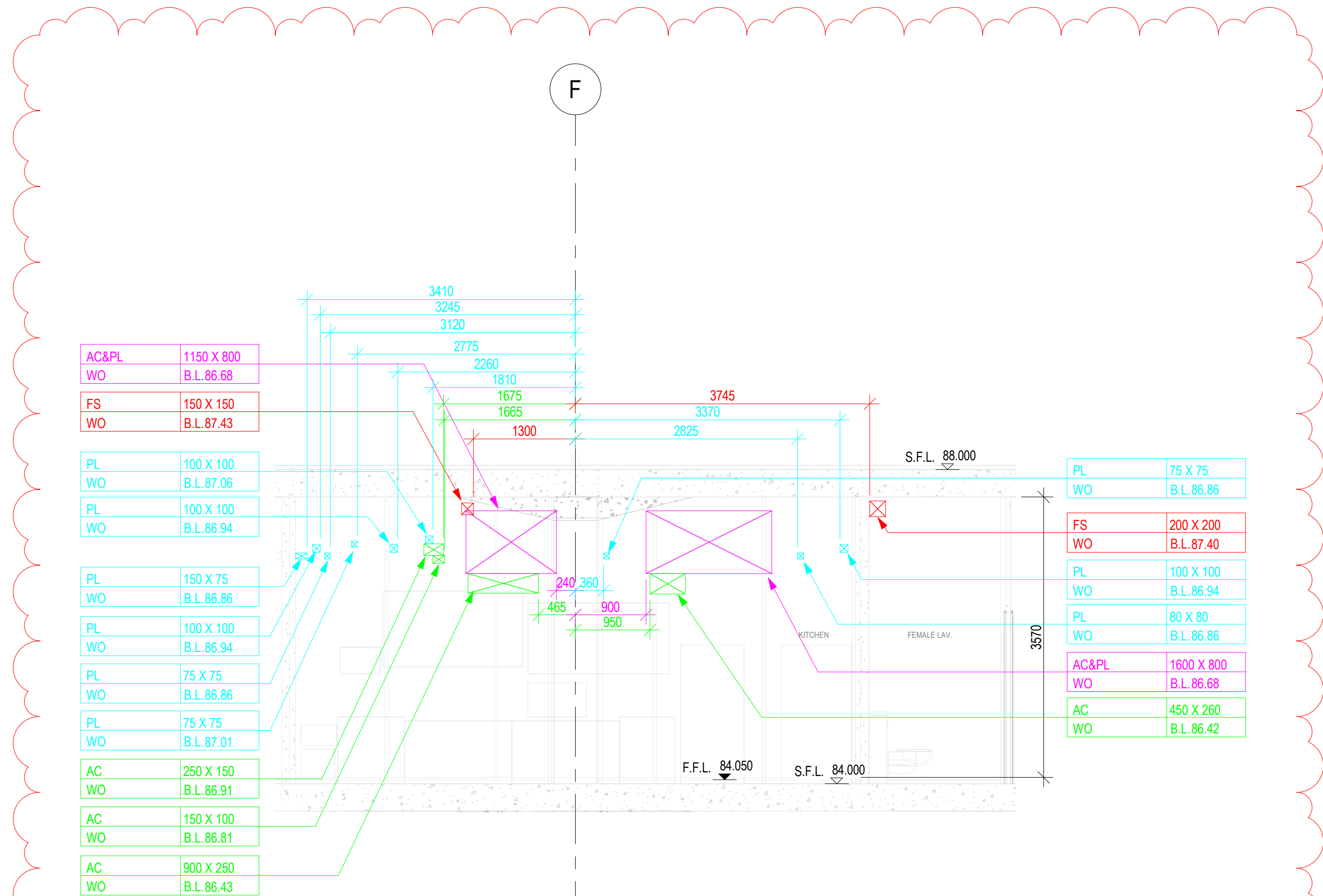
B19 SECTION B19
MEP-SP07-HVCE-CB1046



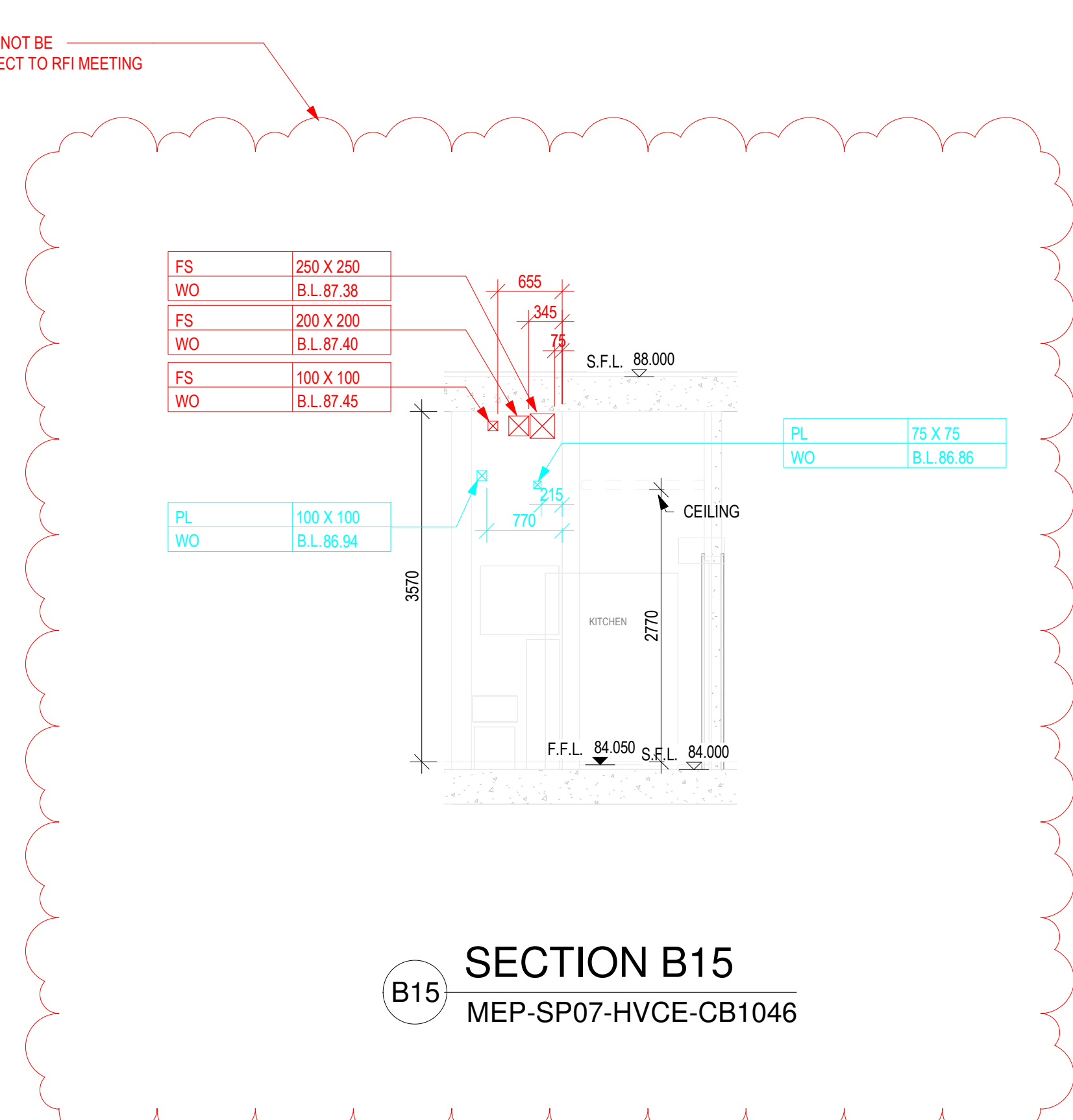
B18 SECTION B18
MEP-SP07-HVCE-CB1046



B16 SECTION B16
MEP-SP07-HVCE-CB1046



B17 SECTION B17
MEP-SP07-HVCE-CB1046



B15 SECTION B15
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - ARCHITECTURAL SERVICES
B. EL - ELECTRICAL SERVICES
C. DR - DRAINAGE SERVICES
D. FS - FIRE SERVICES
E. PL - PLUMBING SERVICES
F. KE - KITCHEN SERVICES
G. WO - WALL OPENING
H. SO - SLAB OPENING
I. BF - FLOOR BEAM OPENING
J. HB - HATCH BEAM
K. RC - RECESSES
L. OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. C.L. - CENTER LEVEL OF PIPE SLEEVE
O. ALL OPENING AT PRECAST FACADE REFER TO CDMO FOR PRECAST FACADE PANEL.
P. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV

REV	DESCRIPTION	DATE	INIT
1	1ST CBWD SUBMISSION	19-07-2018	

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 28 OF 66

DRAWN

CHECKED

SCALE 1:50 @ A1

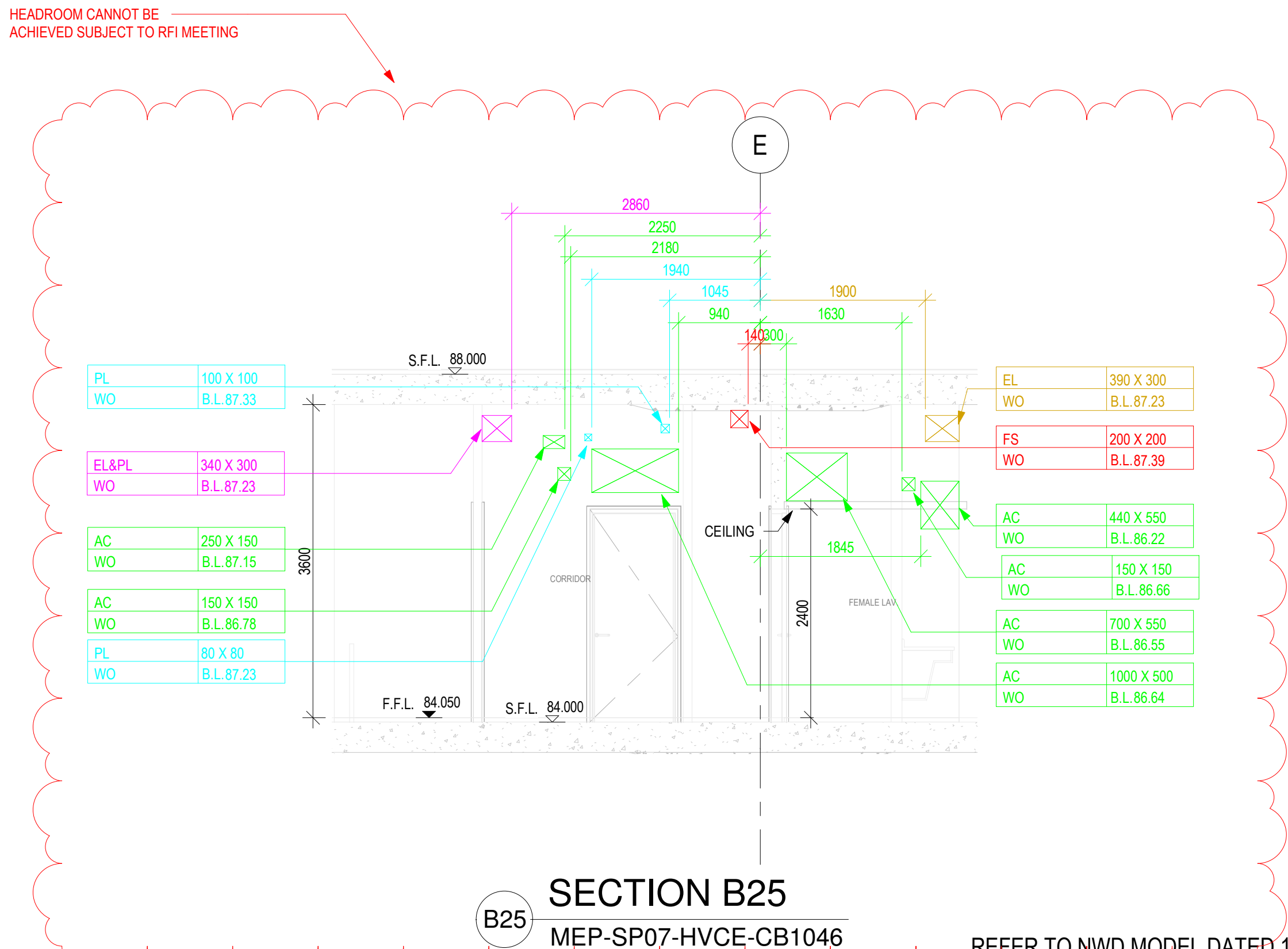
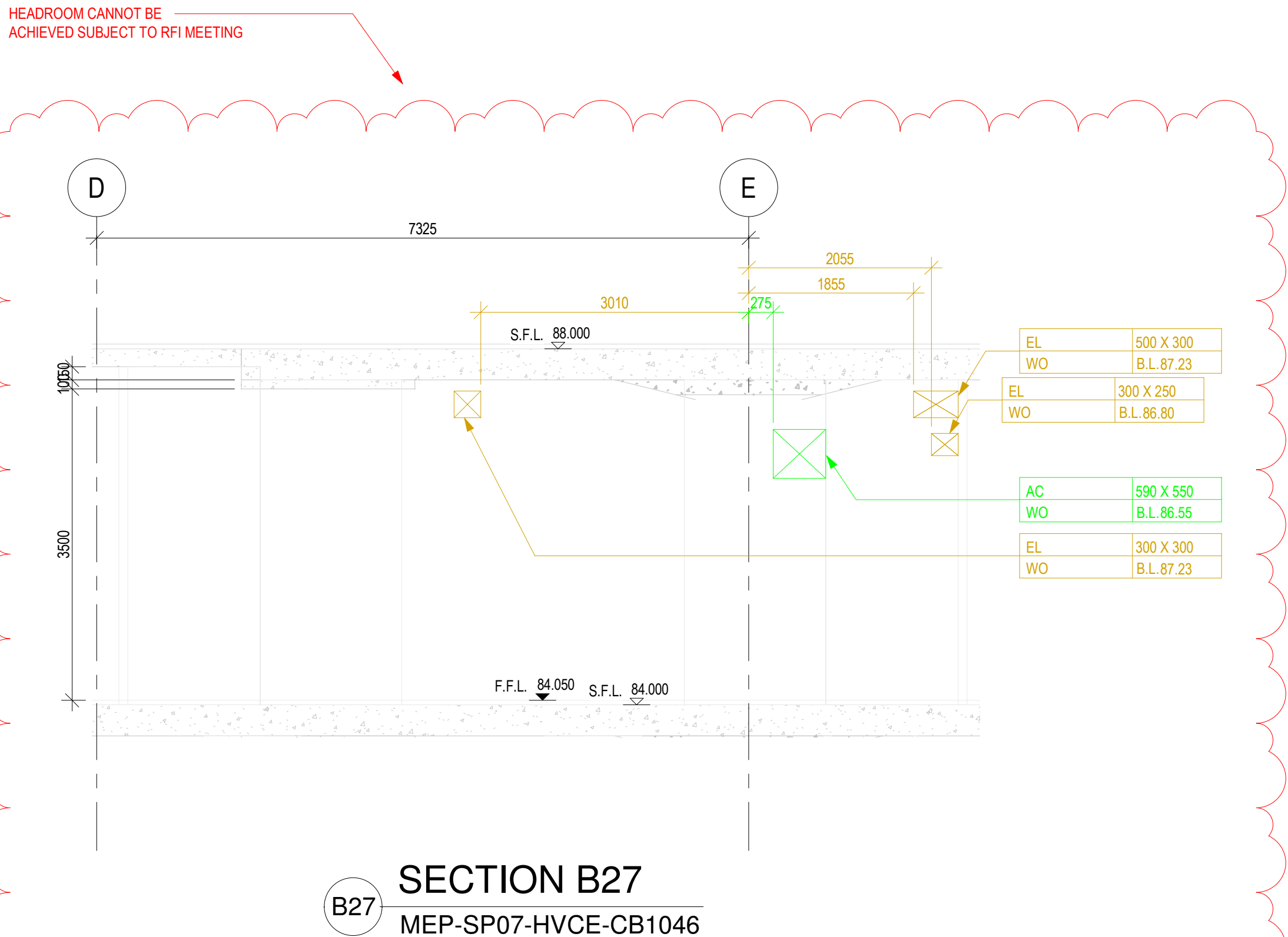
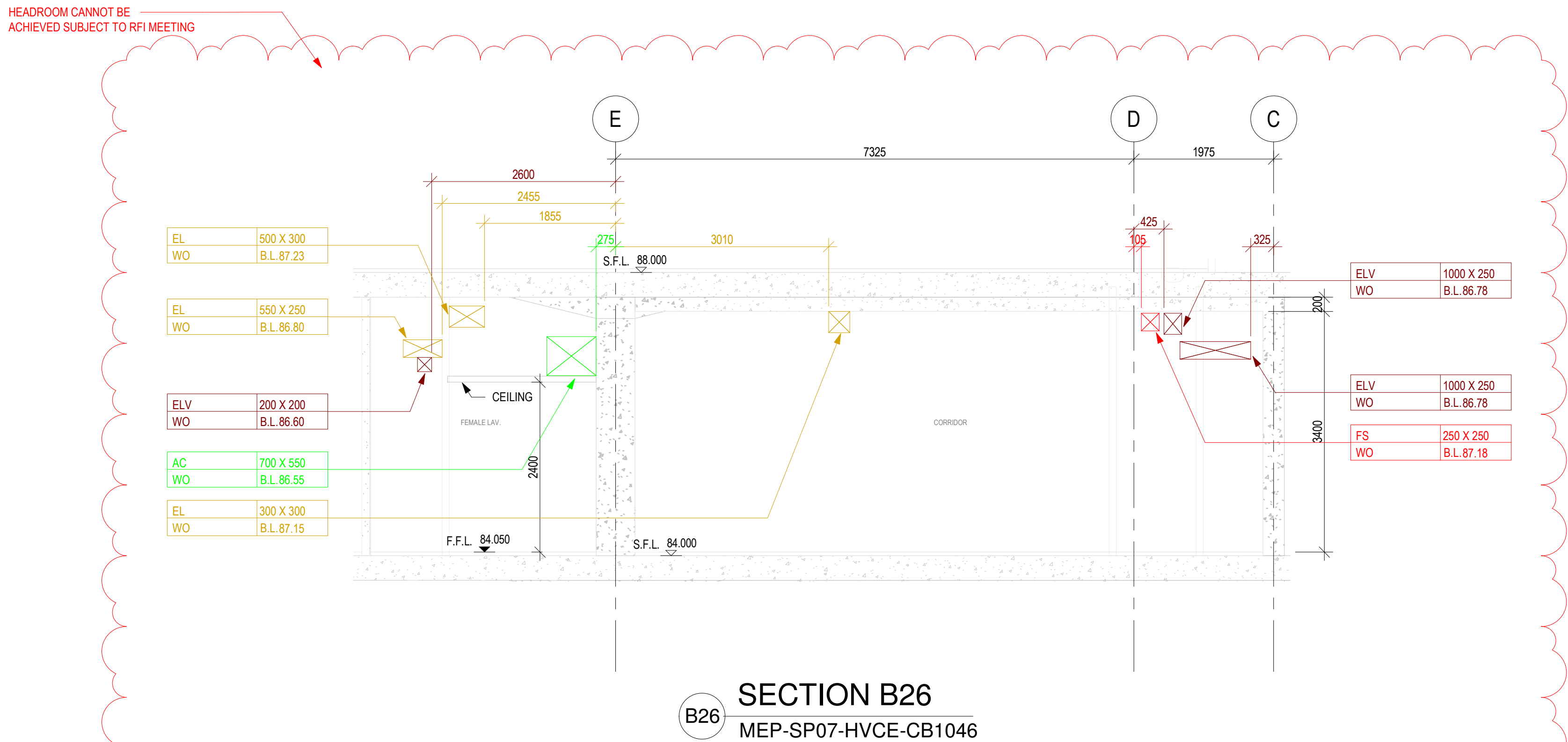
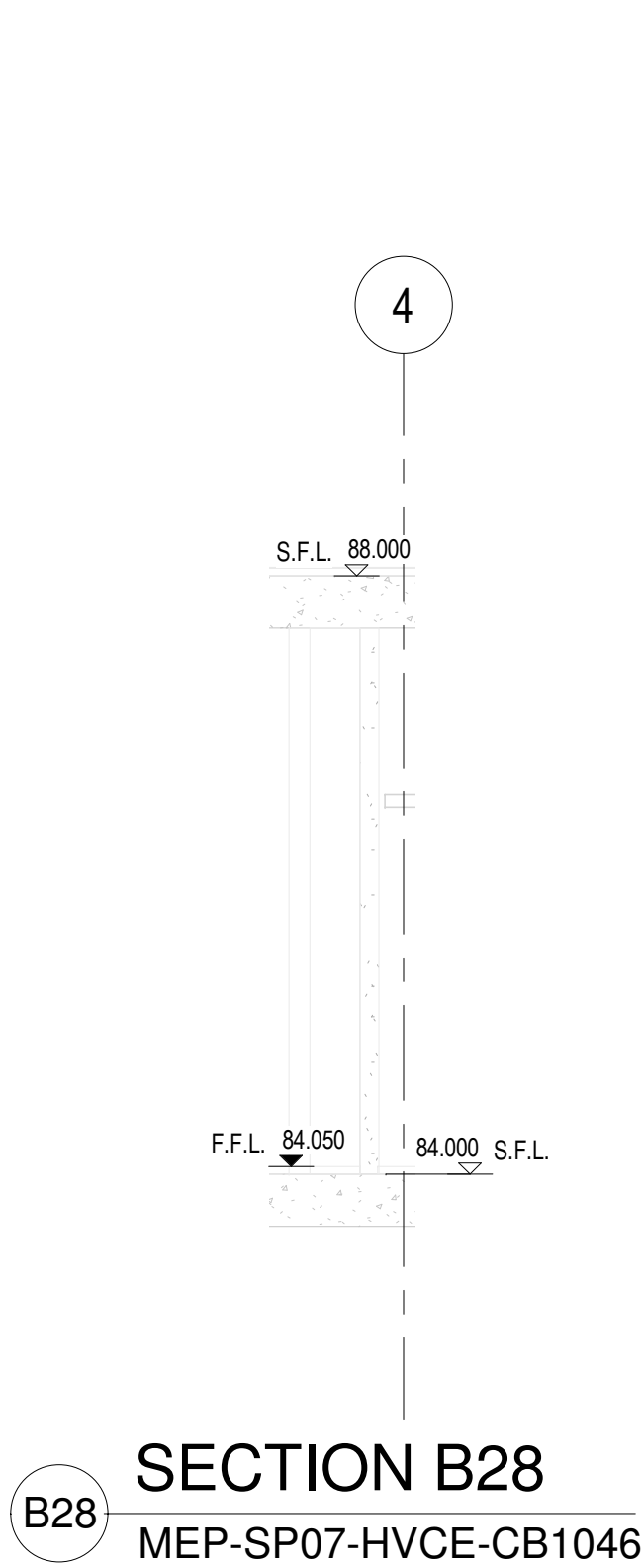
DATE 19-07-2018

DRAWING NO.

REV

MEP-SP07-HVCE-CB2578

-



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELV SERVICES
FNG - FNG SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BO - FLOOR BOARD OPENING
HB - HATCH BEAM
HB - HATCHES
C. OPENING SIZE (W X H)
D. B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
S. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL
6. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

ARCH	DWG NO.	2016 (AI-185)	REV.	4
STR	L801 (AI-047)		D	
HVAC	2502303A-AO-212 (AI-114)		B	
FS	2502303A-FS-211 (AI-114)		C	
PL	2502303A-PL-211 (AI-140)		B	
DR	2502303A-DR-212 (AI-140)		B	
GAS	TC-SH-ICE-DOOF		-	
EL(LIGHTING)	2502303A-EL-211 (AI-107)		-	
EL(POWER)	2502303A-EL-312 (AI-114)		C	
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)		C	
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)		C	
SEC(SECURITY)	2502303A-SEC-212 (AI-114)		A	

SERVICES PROVIDE

	COLOUR CODE:	COLOUR CODE NO.
ARCHITECTURE (ARCH)	255	255 255 255
STRUCTURE (STR)	128	128 128 128
HVAC SERVICES (AC)	0	255 0 0
DRAINAGE SERVICES (DR)	0	0 255 0
ELECTRICAL SERVICES (EL)	210	160 0 0
ELECTRICAL SERVICES (ELV)	128	0 0 0
GAS SERVICES (GAS)	128	0 255 0
FIRE SERVICES (FS)	255	0 0 0
PLUMBING SERVICES (PL)	0	255 255 0
KITCHEN SERVICES (KE)	255	128 0 0
COMBINED OPENING	255	0 255 0

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 30 OF 66

DRAWN

CHECKED

SCALE 1:50 @ A1

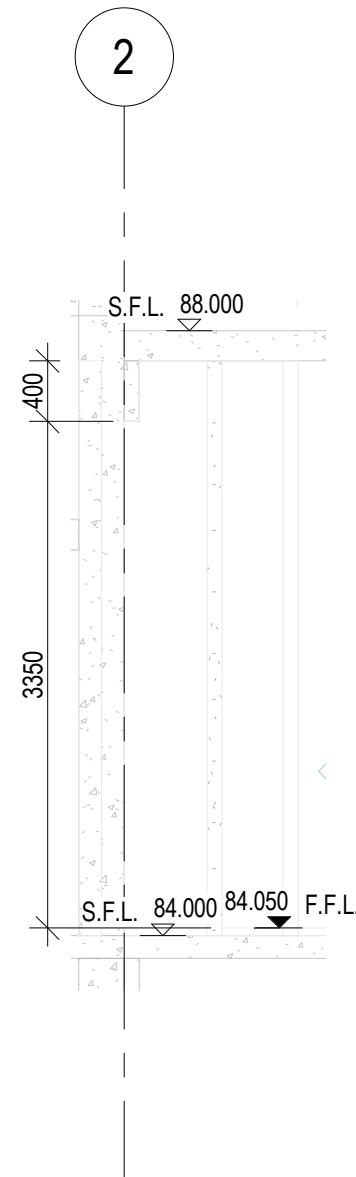
DATE 19-07-2018

DRAWING NO.

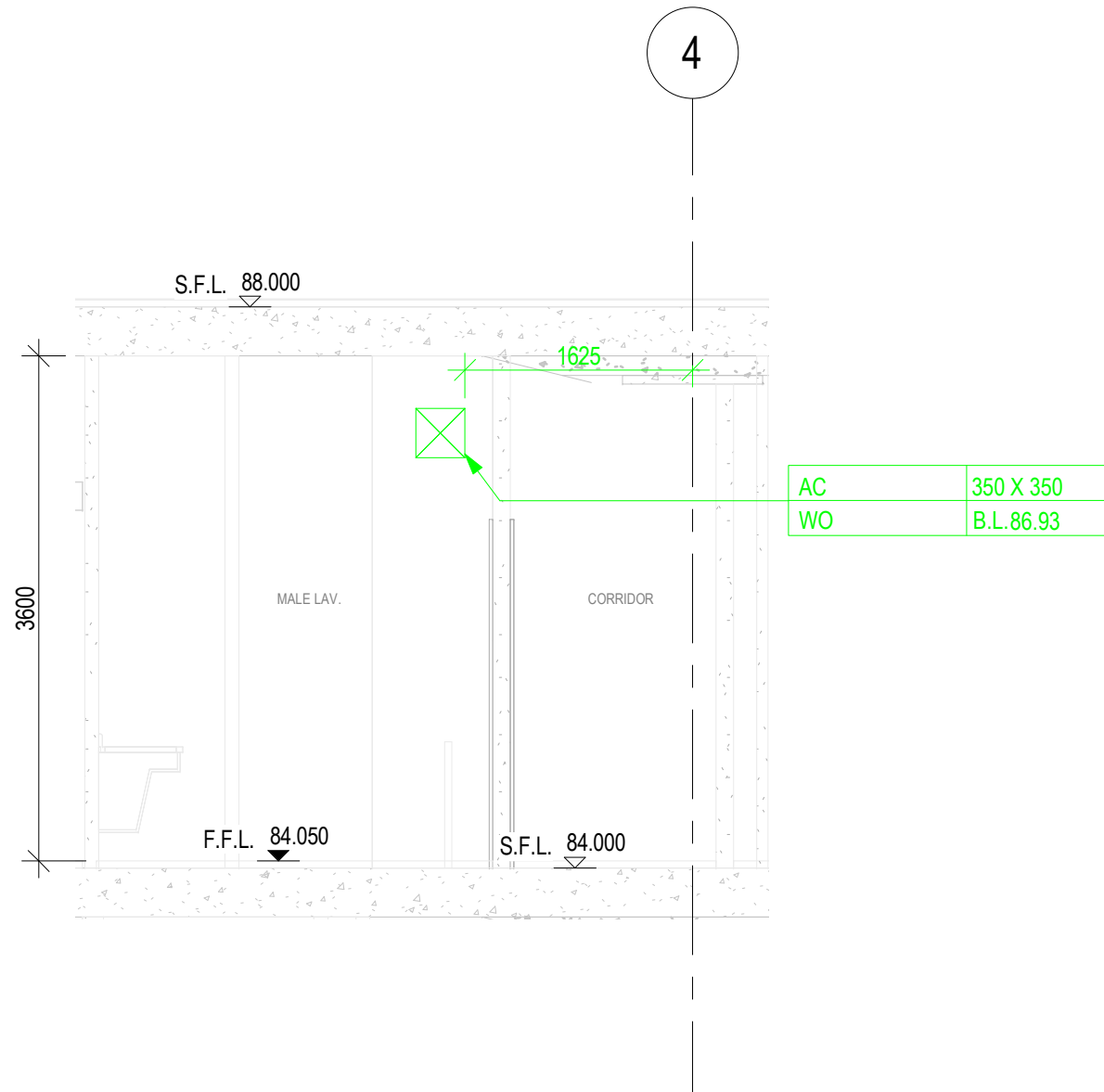
REV

MEP-SP07-HVCE-CB2580

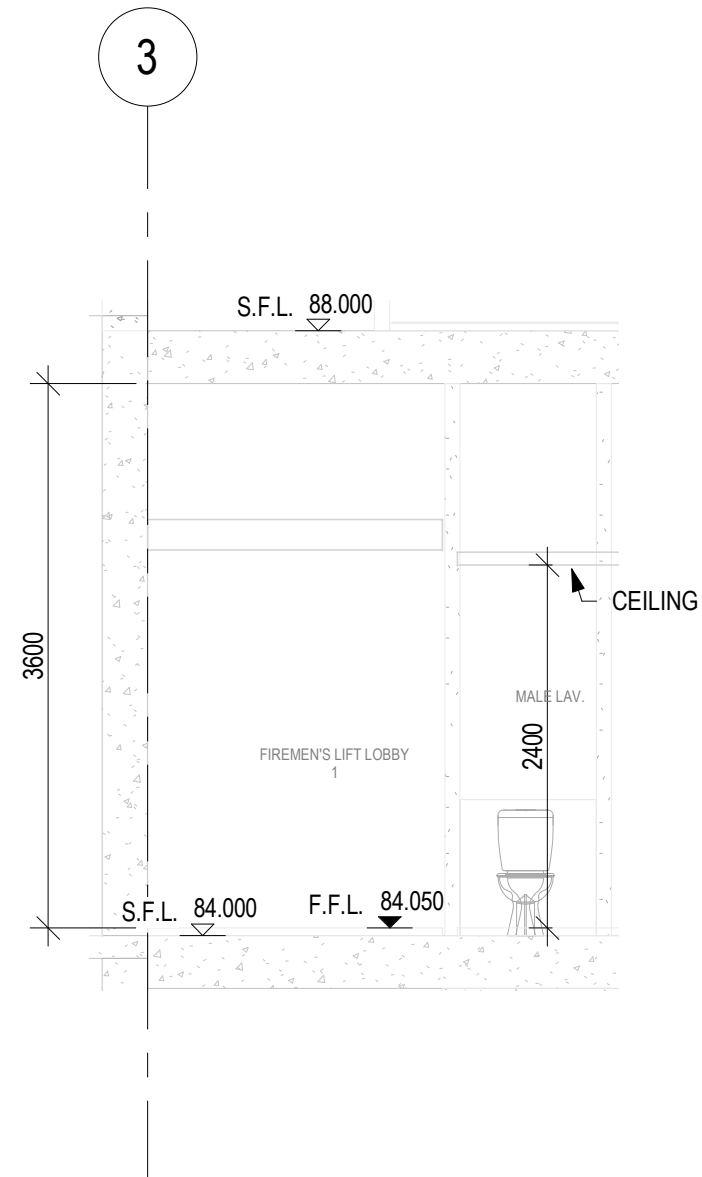
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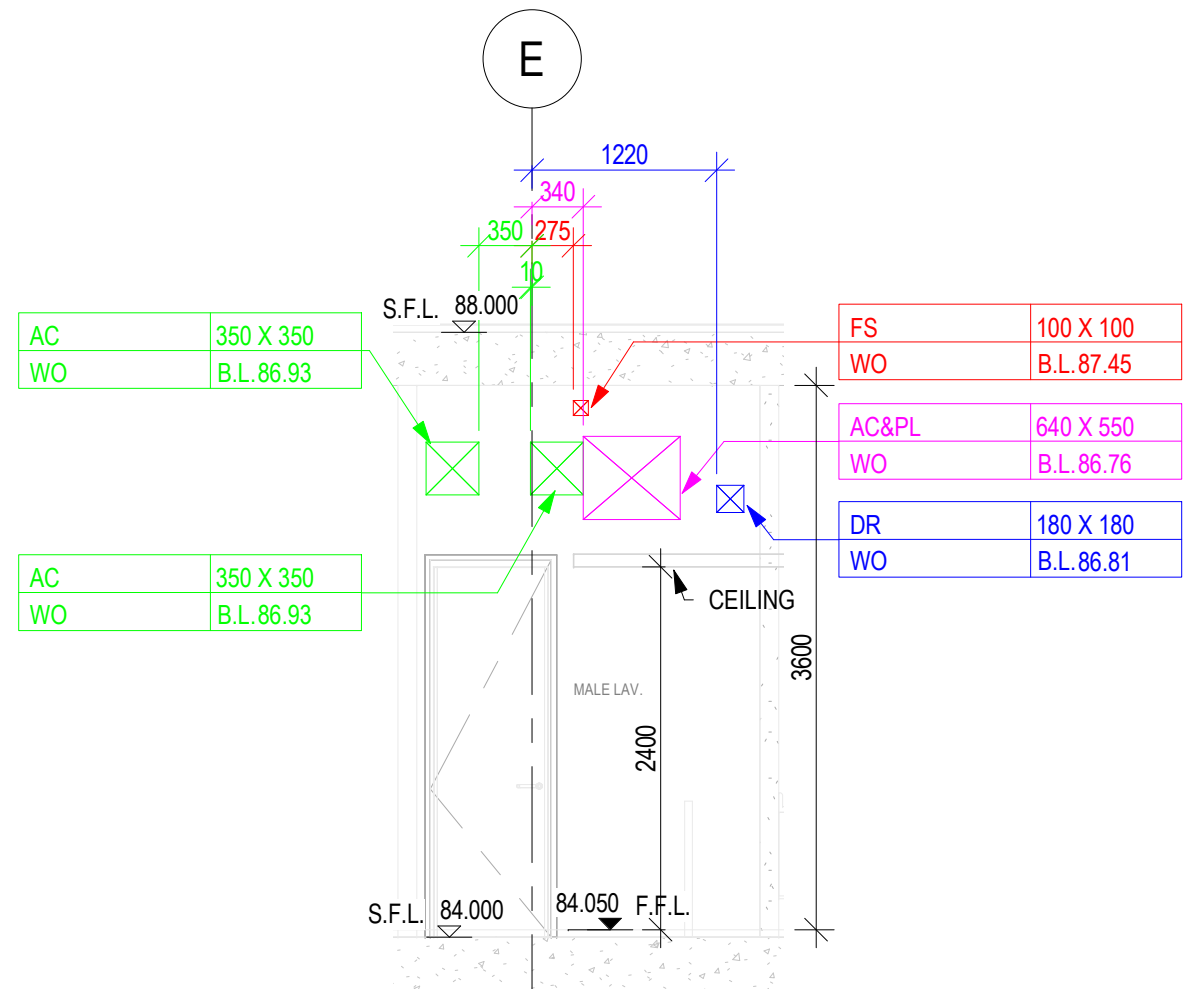
SECTION B34
MEP-SP07-HVCE-CB1046



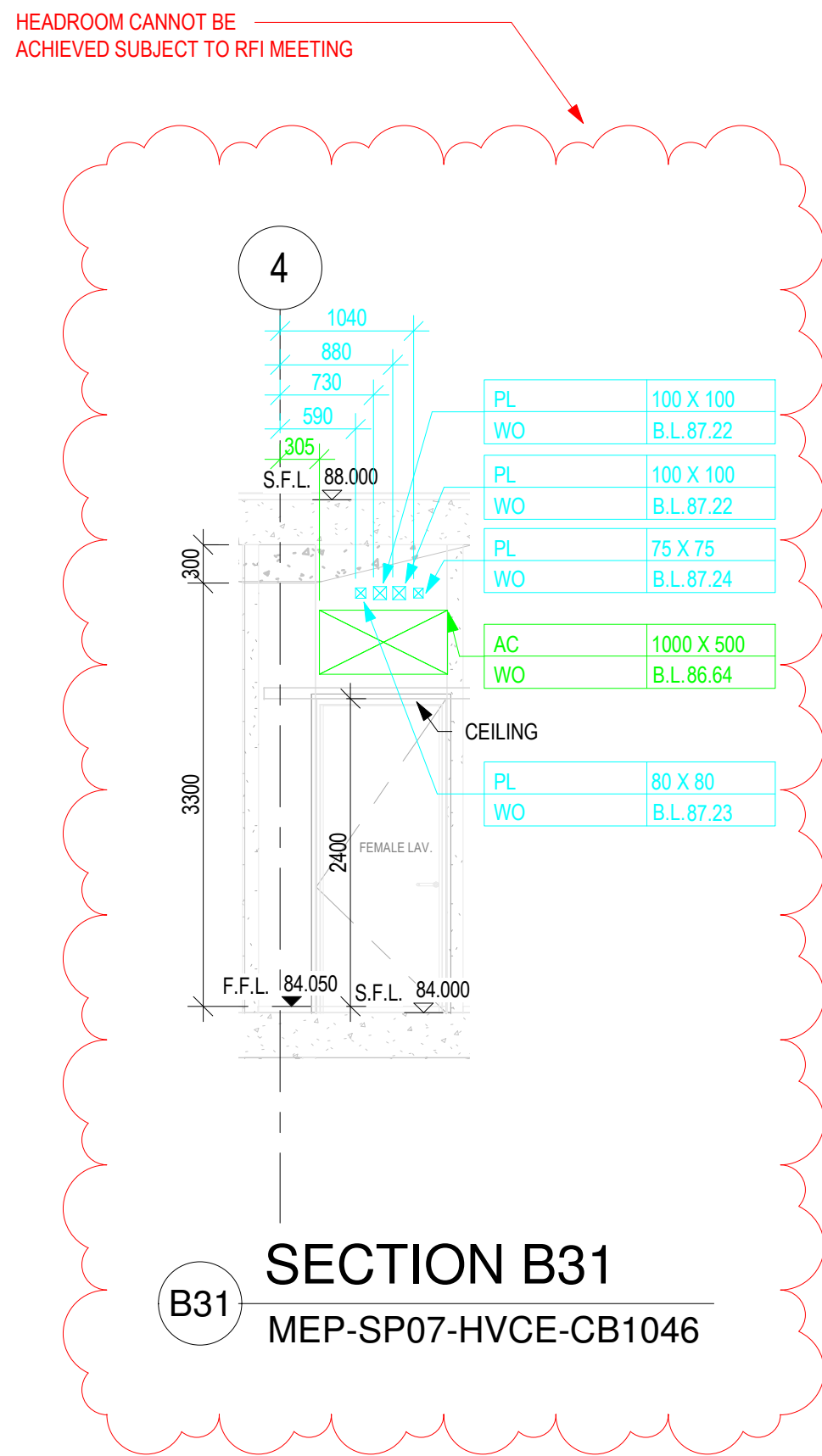
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MEP-SP07-HVCE-CB1046



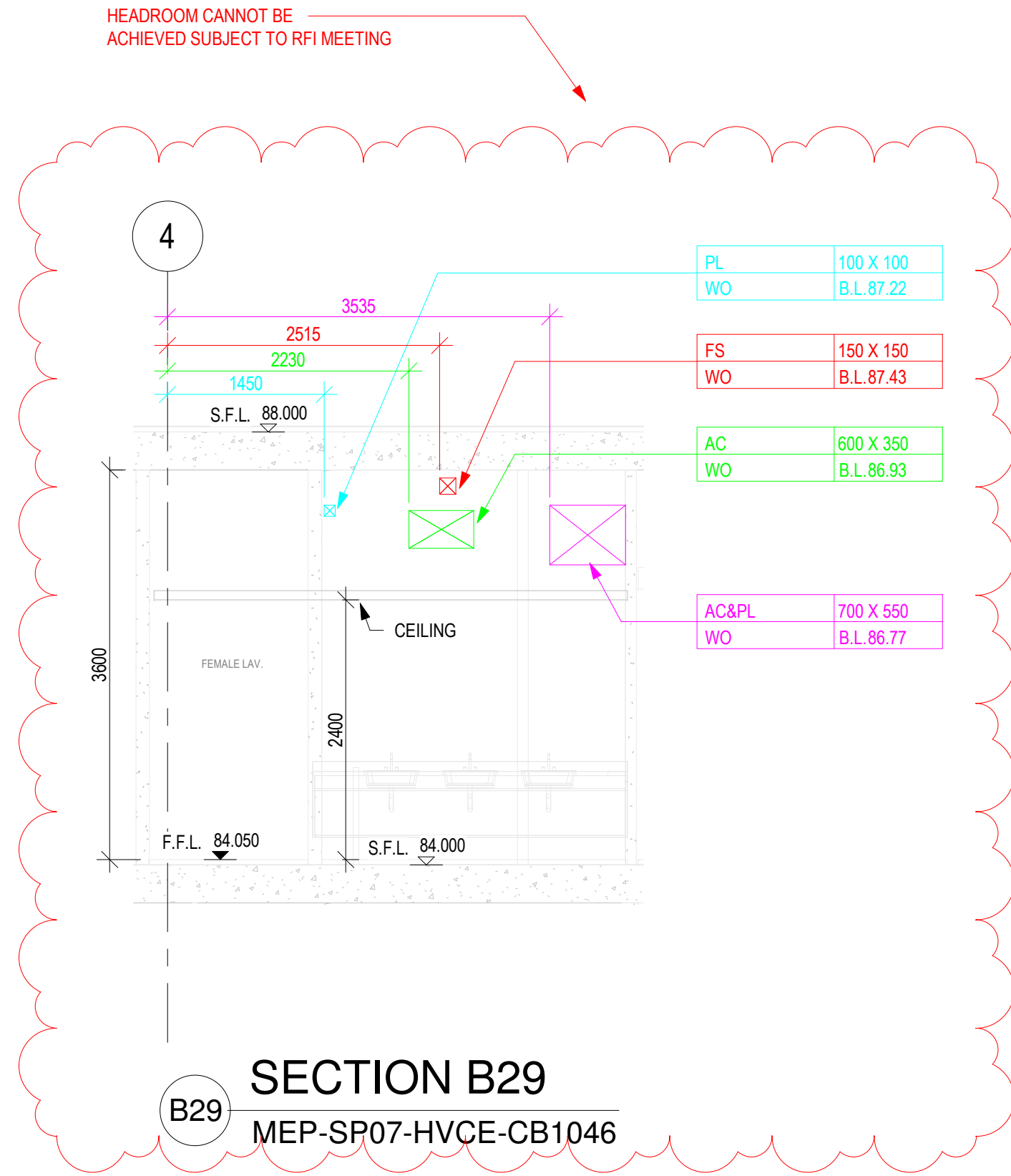
SECTION B30
MEP-SP07-HVCE-CB1046



SECTION B33
MEP-SP07-HVCE-CB1046



SECTION B31
MEP-SP07-HVCE-CB1046



SECTION B29
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES

1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.

3. A. AC - MECHANICAL SERVICES
DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEVATOR SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BO - FLOOR BEAM OPENING
HB - HANGING BEAM
RS - RECESSES
C. OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE

4. OPENINGS VISIBLE TO CURRENT FLOOR

5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.

6. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.
ARCH	2016 (AI-185)
STR	L801 (AI-047)
HVAC	2502303A-AC-212 (AI-114)
FS	2502303A-FS-211 (AI-114)
PL	2502303A-PL-211 (AI-140)
DR	2502303A-DR-212 (AI-140)
GAS	TC-SH-ICE-006F
EL(LIGHTING)	2502303A-EL-211 (AI-107)
EL(POWER)	2502303A-EL-312 (AI-114)
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)
SEC(Security)	2502303A-SEC-212 (AI-114)

SERVICES PROVIDE

	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	

- DO NOT SCALE DRAWINGS.
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 31 OF 66

DRAWN

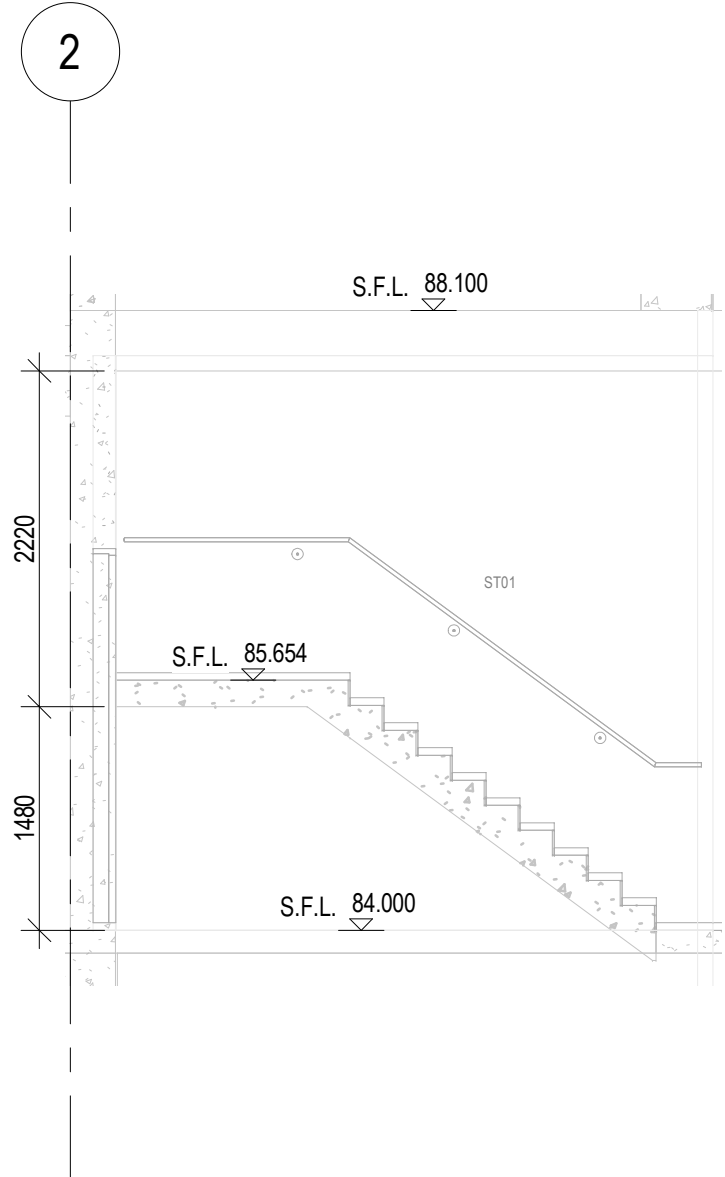
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SCALE 1 : 50 @ A1

DATE 19-07-2018

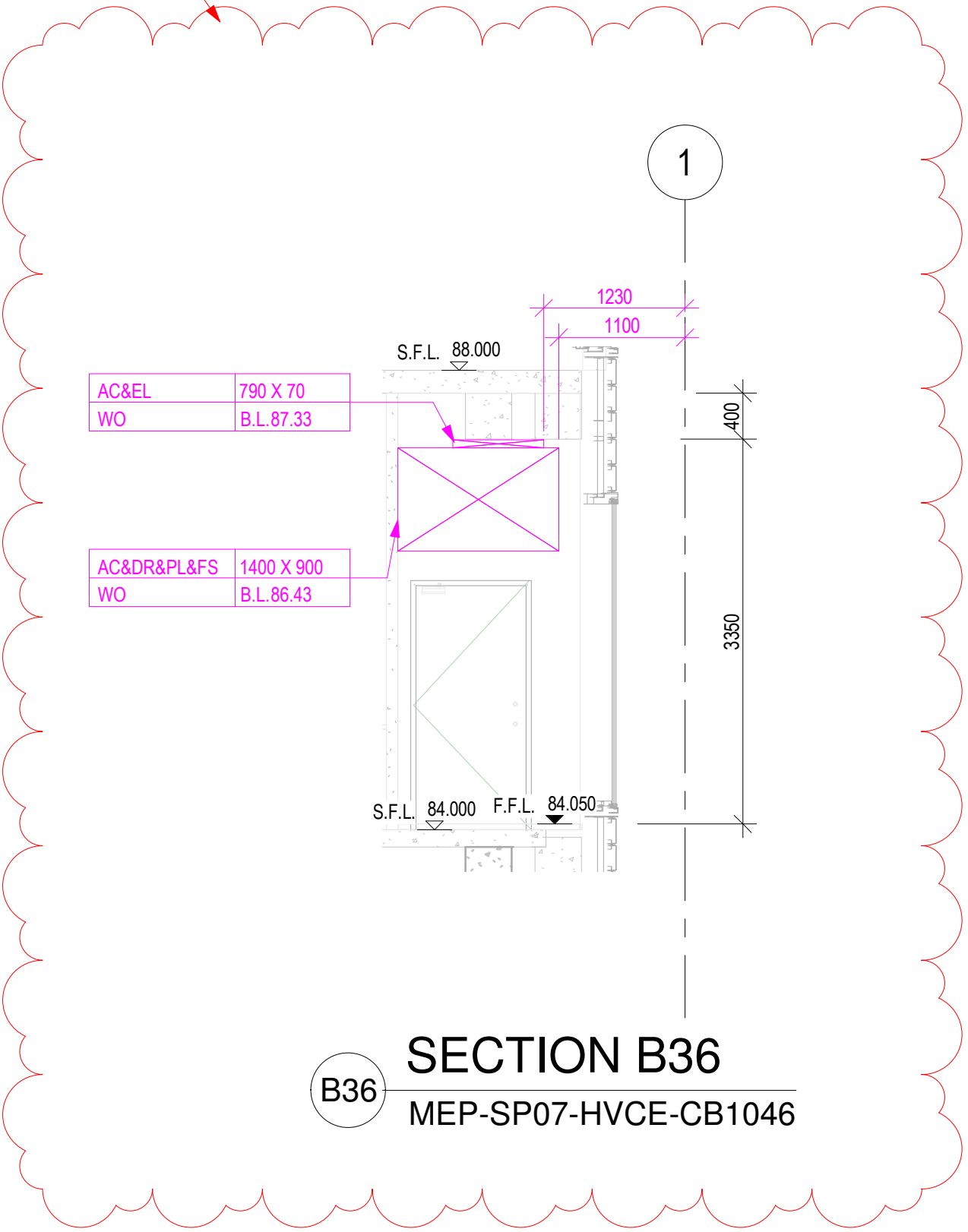
DRAWING NO. MEP-SP07-HVCE-CB2581

REV -

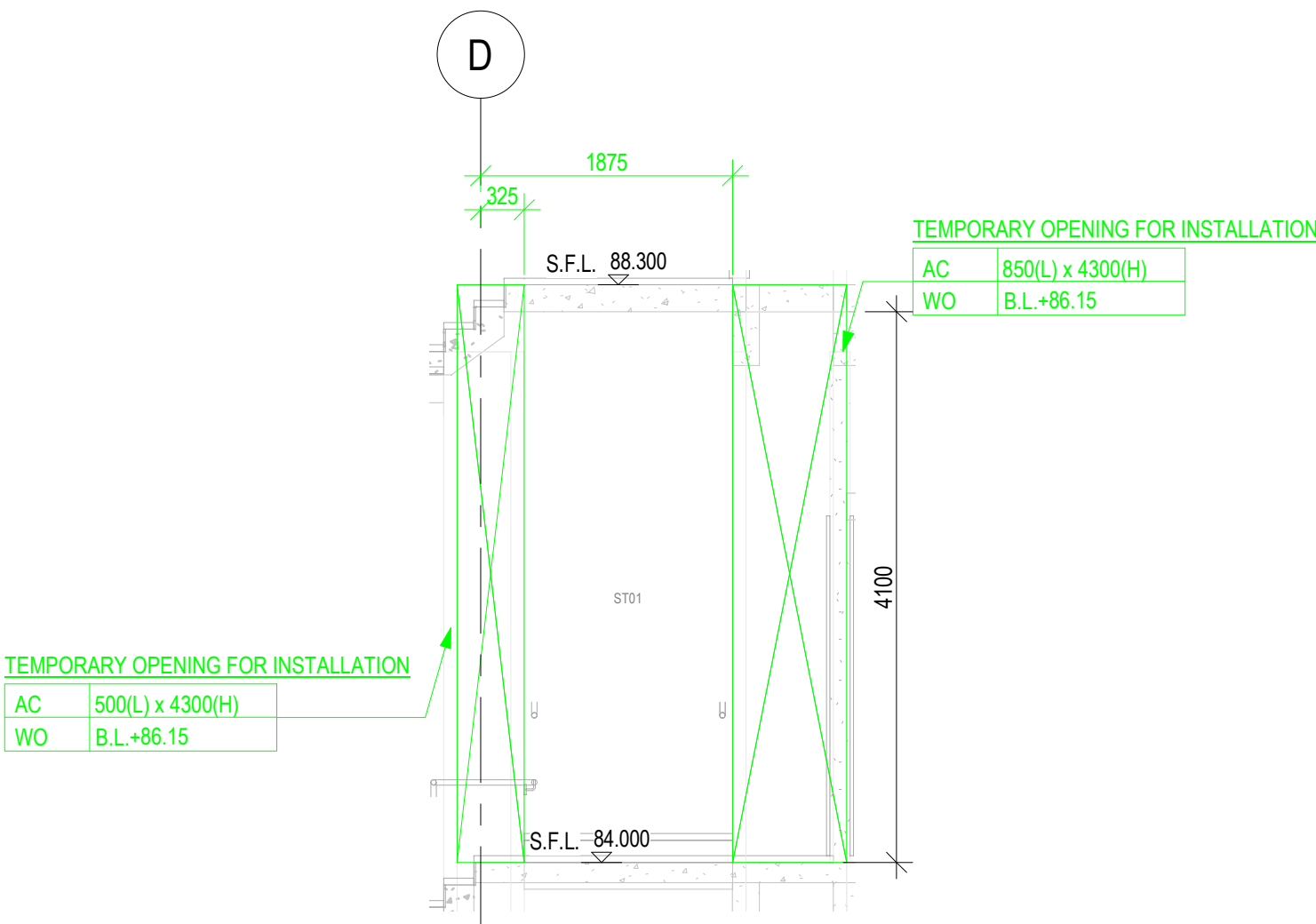


B38 SECTION B38
MEP-SP07-HVCE-CB1046

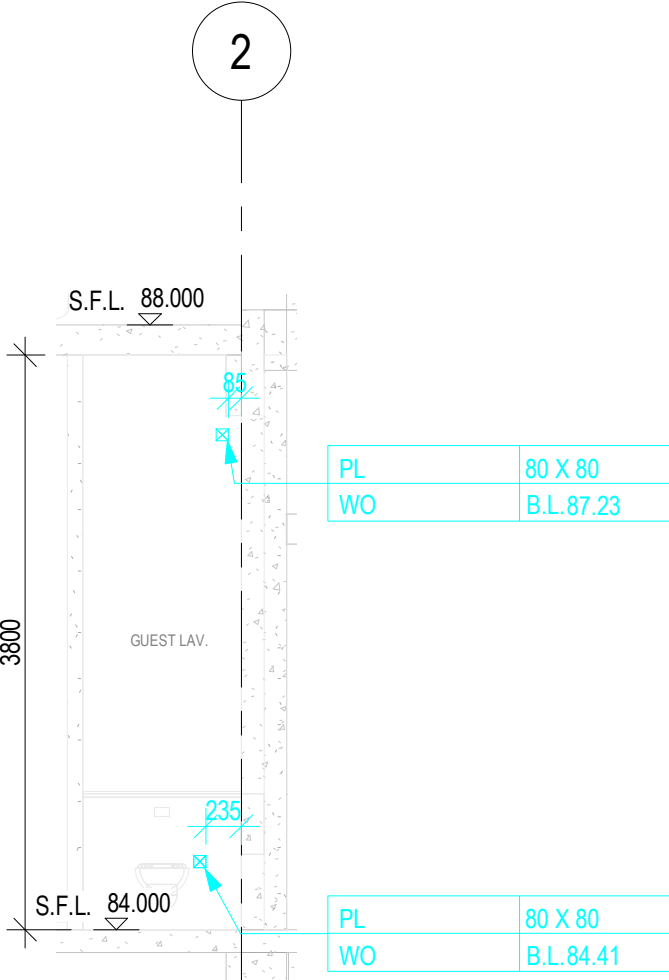
HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



B36 SECTION B36
MEP-SP07-HVCE-CB1046

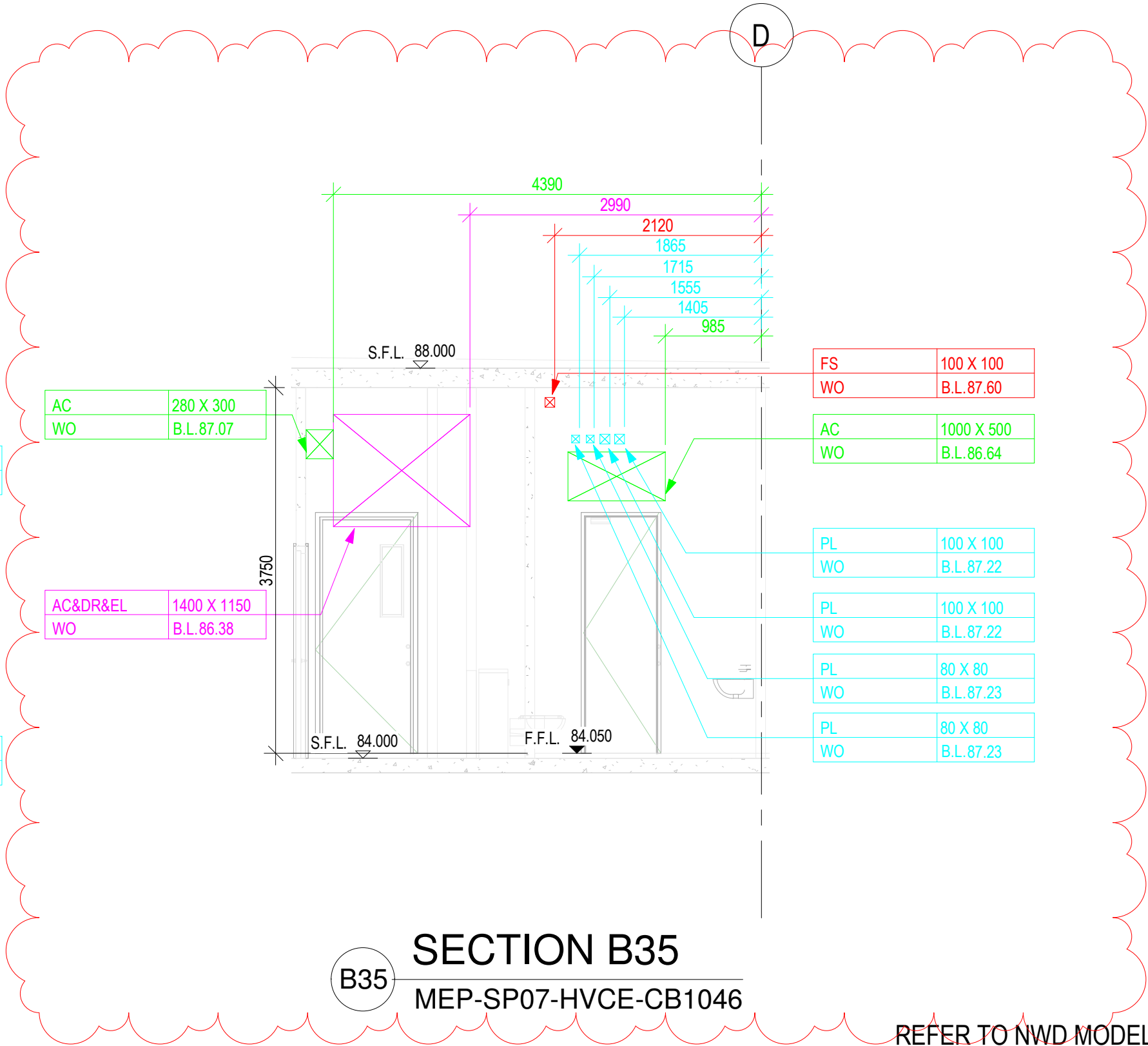


B39 SECTION B39
MEP-SP07-HVCE-CB1046



B37 SECTION B37
MEP-SP07-HVCE-CB1046

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



B35 SECTION B35
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTE:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - HVAC SERVICES
B. DR - DRAINAGE SERVICES
C. EL - ELECTRICAL SERVICES
D. ELV - ELEV SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. PL - PLUMBING SERVICES
H. WO - WALL OPENING
I. SO - SLAB OPENING
J. HO - FLOOR HEAD OPENING
K. HB - HATCH BEAM
L. RE - RECESSES
M. OPENING SIZE (W X H)
N. B.L. - BOTTOM LEVEL
O. C.L. - CENTER LEVEL OF PIPE SLEEVE
P. ALL OPENING AT PRECAST FACADE REFER TO CDMO FOR PRECAST FACADE PANEL.
Q. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-006F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 32 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE 19-07-2018

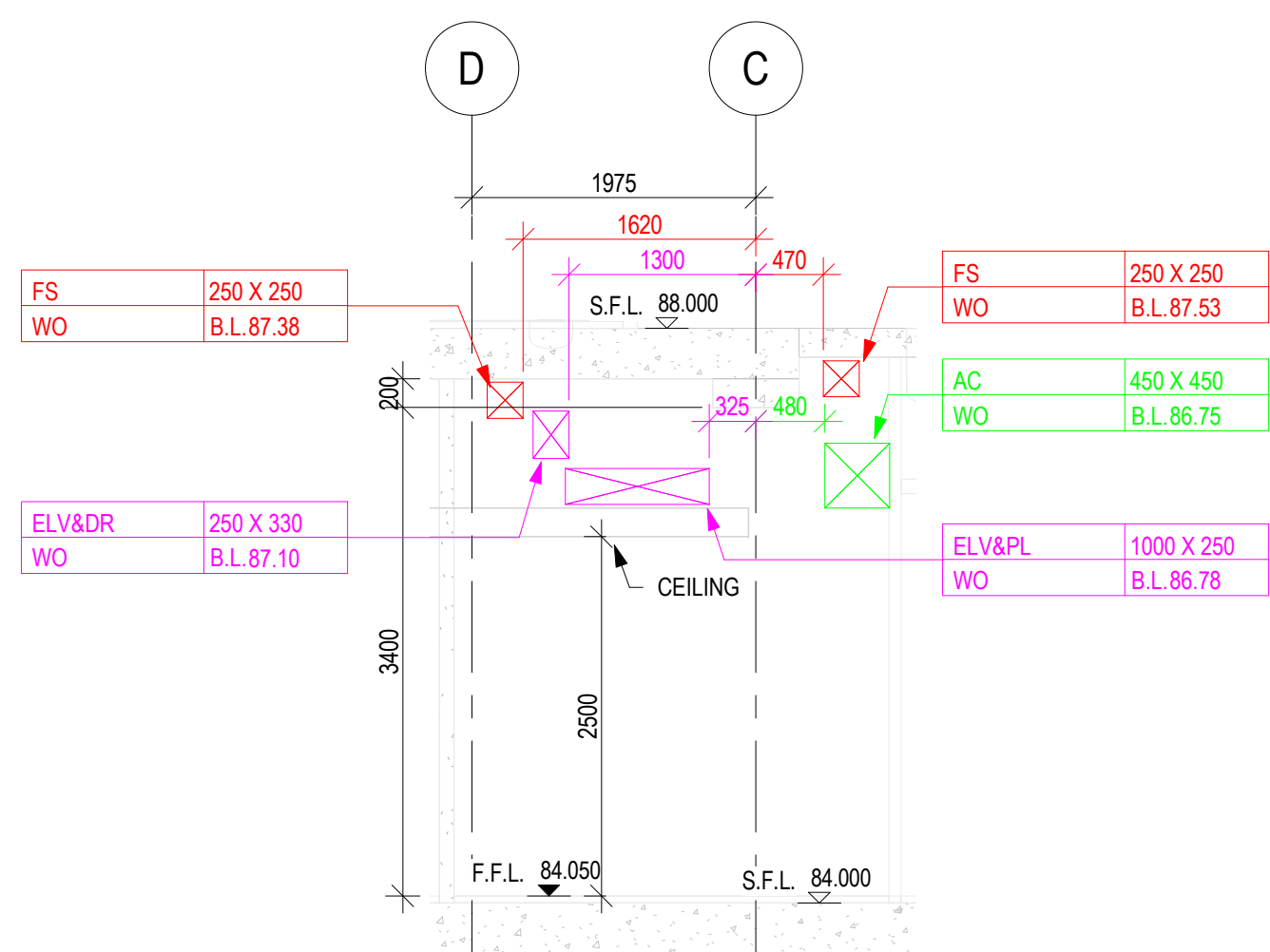
DRAWING NO.

REV

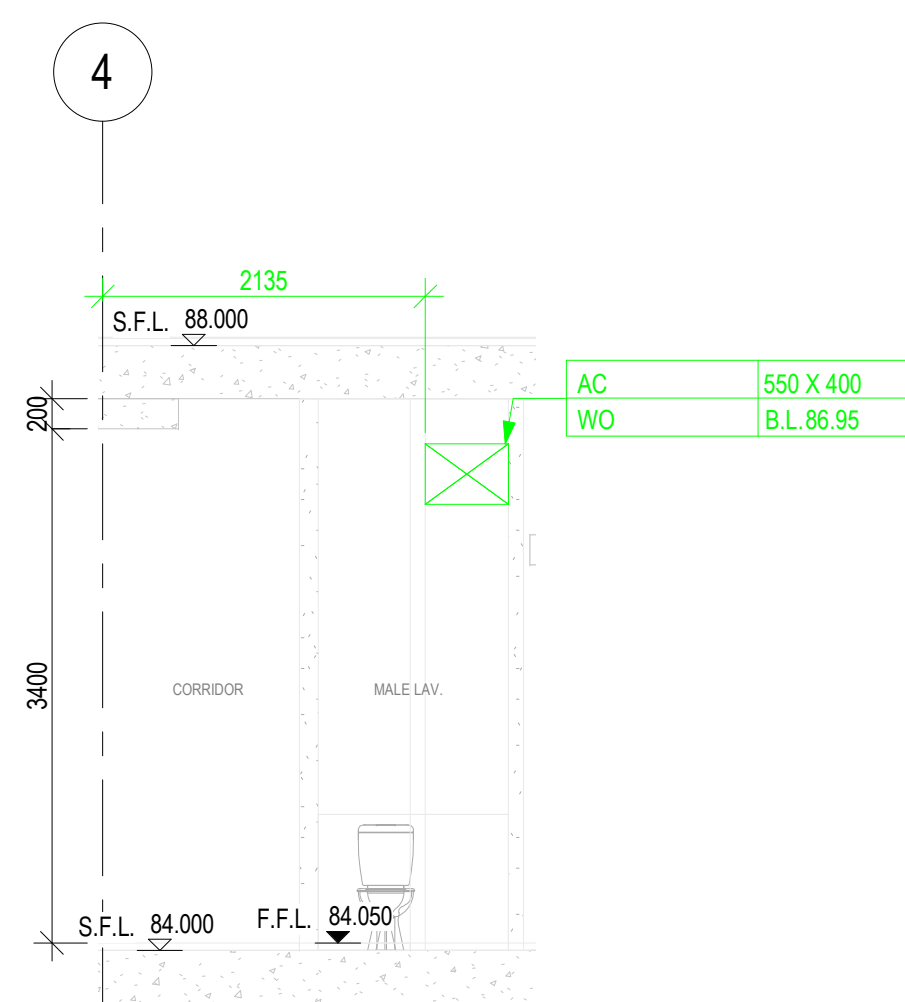
MEP-SP07-HVCE-CB2582

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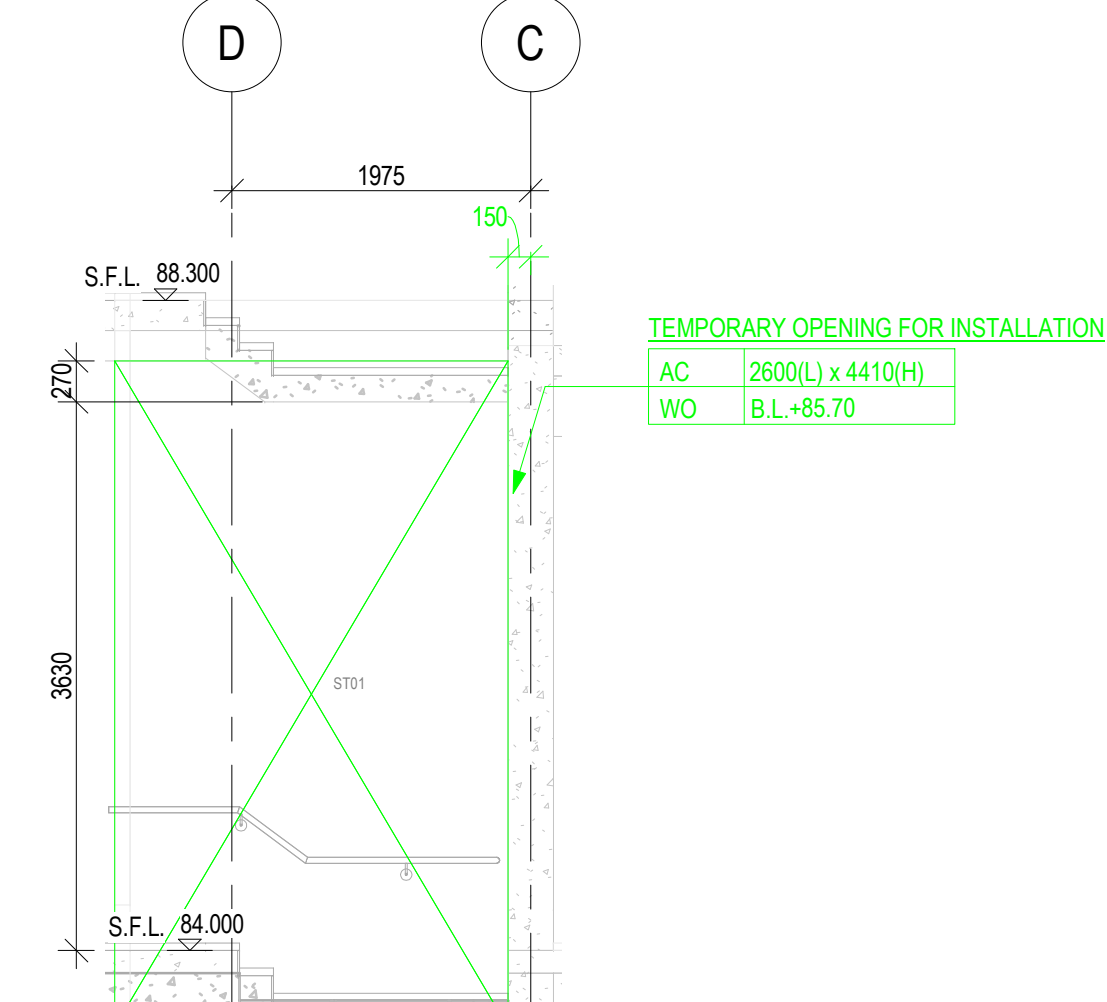
HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B45
MEP-SP07-HVCE-CB1046

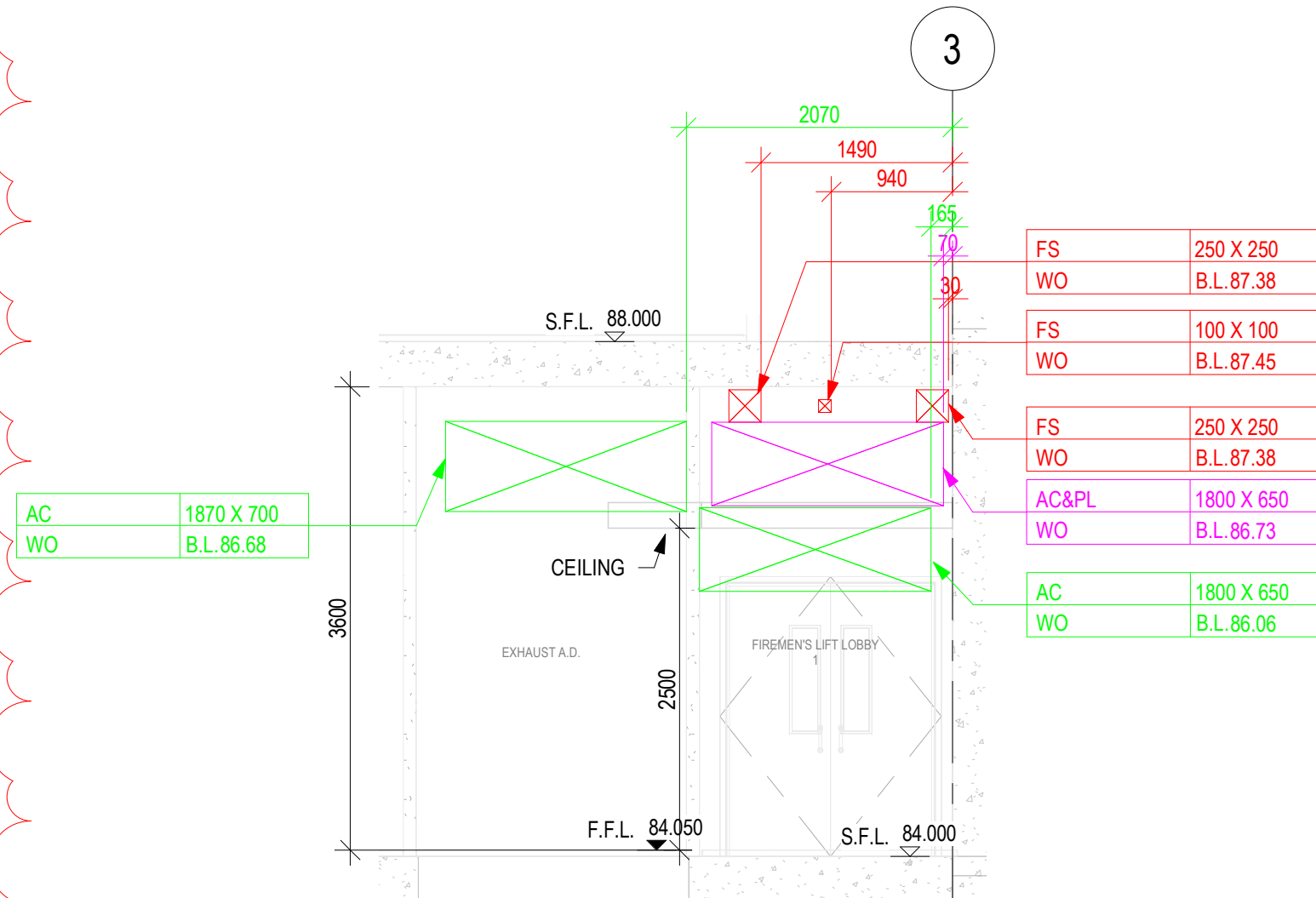


SECTION B43
MEP-SP07-HVCE-CB1046



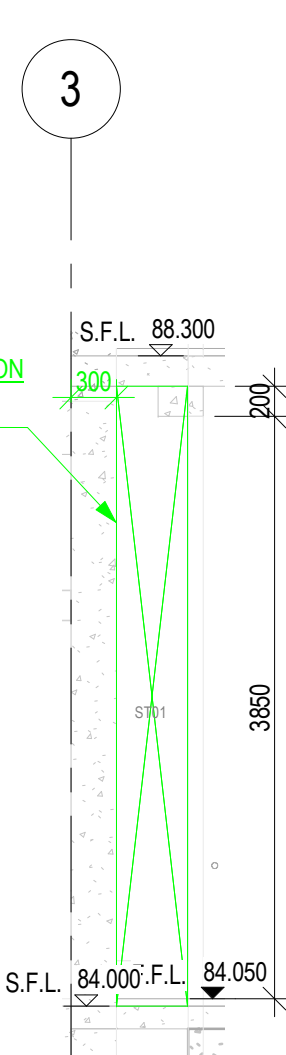
SECTION B41
MEP-SP07-HVCE-CB1046

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

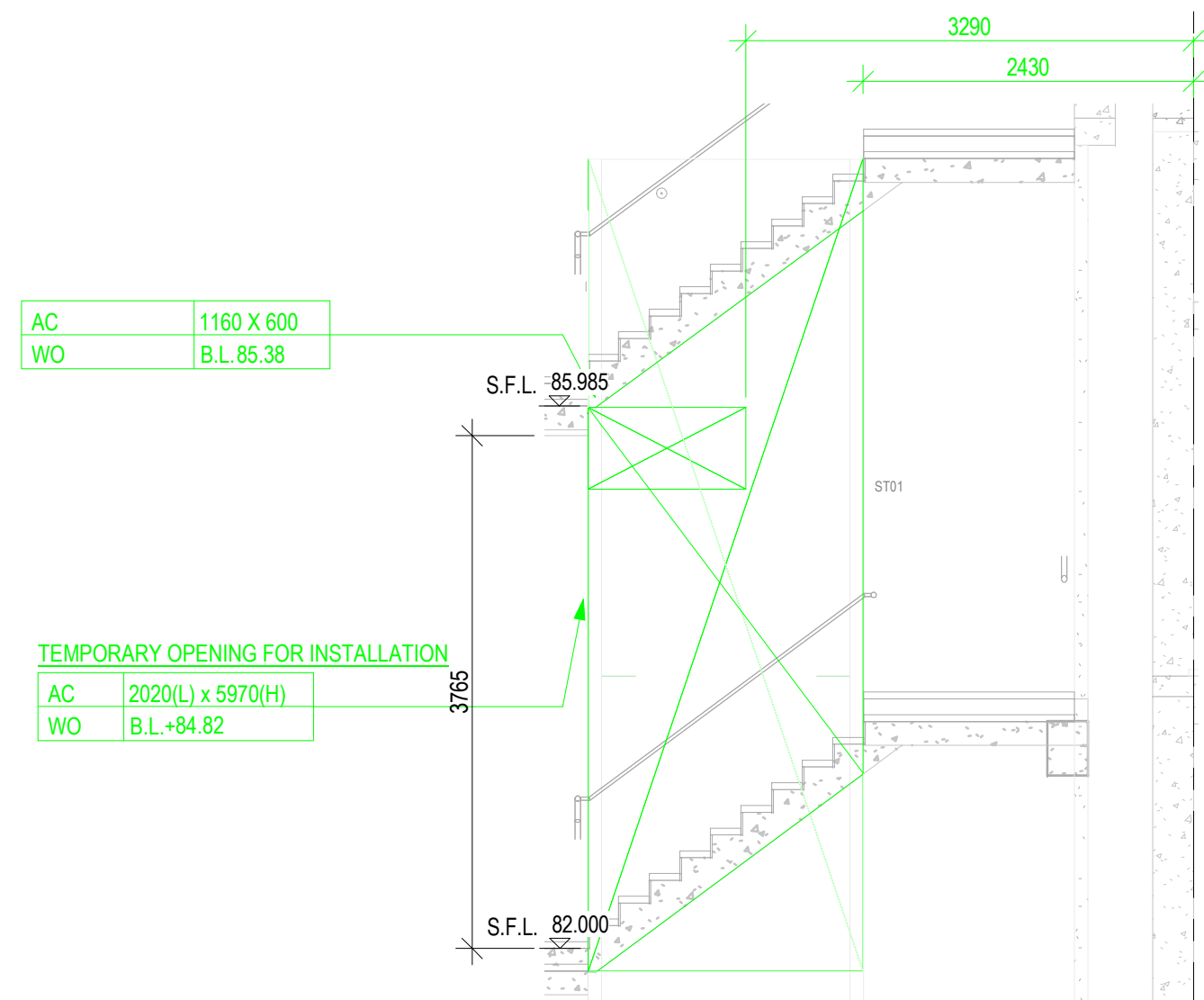


SECTION B44
MEP-SP07-HVCE-CB1046

TEMPORARY OPENING FOR INSTALLATION
AC 470(L) x 4100(H)
WO B.L.+86.05



SECTION B42
MEP-SP07-HVCE-CB1046



SECTION B40
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE SERVICES
B. - ELECTRICAL SERVICES
C. - PLUMBING SERVICES
D. - FIRE SERVICES
E. - GAS SERVICES
F. - KITCHEN SERVICES
G. - COMBINED OPENING
H. - HATCH BEAM
I. - FLOOR BEAM
J. - WALL OPENING
K. - SLAB OPENING
L. - FLOOR BEAM OPENING
M. - HATCH BEAM
N. - FLOOR BEAM
O. - WALL OPENING
P. - SLAB OPENING
Q. - FLOOR BEAM OPENING
R. - HATCH BEAM
S. - FLOOR BEAM
T. - WALL OPENING
U. - SLAB OPENING
V. - FLOOR BEAM OPENING
W. - HATCH BEAM
X. - FLOOR BEAM
Y. - WALL OPENING
Z. - SLAB OPENING
AA. - FLOOR BEAM OPENING
AB. - HATCH BEAM
AC. - FLOOR BEAM
AD. - WALL OPENING
AE. - SLAB OPENING
AF. - FLOOR BEAM OPENING
AG. - HATCH BEAM
AH. - FLOOR BEAM
AI. - WALL OPENING
AJ. - SLAB OPENING
AK. - FLOOR BEAM OPENING
AL. - HATCH BEAM
AM. - FLOOR BEAM
AN. - WALL OPENING
AO. - SLAB OPENING
AP. - FLOOR BEAM OPENING
AQ. - HATCH BEAM
AR. - FLOOR BEAM
AS. - WALL OPENING
AT. - SLAB OPENING
AU. - FLOOR BEAM OPENING
AV. - HATCH BEAM
AW. - FLOOR BEAM
AX. - WALL OPENING
AY. - SLAB OPENING
AZ. - FLOOR BEAM OPENING
BA. - HATCH BEAM
BB. - FLOOR BEAM
BC. - WALL OPENING
BD. - SLAB OPENING
BE. - FLOOR BEAM OPENING
BF. - HATCH BEAM
BG. - FLOOR BEAM
BH. - WALL OPENING
BI. - SLAB OPENING
BJ. - FLOOR BEAM OPENING
BK. - HATCH BEAM
BL. - FLOOR BEAM
BM. - WALL OPENING
BN. - SLAB OPENING
BO. - FLOOR BEAM OPENING
BP. - HATCH BEAM
BQ. - FLOOR BEAM
BR. - WALL OPENING
BS. - SLAB OPENING
BT. - FLOOR BEAM OPENING
BU. - HATCH BEAM
BV. - FLOOR BEAM
BW. - WALL OPENING
BX. - SLAB OPENING
BY. - FLOOR BEAM OPENING
BZ. - HATCH BEAM
CA. - FLOOR BEAM
CB. - WALL OPENING
CC. - SLAB OPENING
CD. - FLOOR BEAM OPENING
CE. - HATCH BEAM
CF. - FLOOR BEAM
CG. - WALL OPENING
CH. - SLAB OPENING
CI. - FLOOR BEAM OPENING
CJ. - HATCH BEAM
CK. - FLOOR BEAM
CL. - WALL OPENING
CM. - SLAB OPENING
CN. - FLOOR BEAM OPENING
CO. - HATCH BEAM
CP. - FLOOR BEAM
CQ. - WALL OPENING
CR. - SLAB OPENING
CS. - FLOOR BEAM OPENING
CT. - HATCH BEAM
CU. - FLOOR BEAM
CV. - WALL OPENING
CW. - SLAB OPENING
CX. - FLOOR BEAM OPENING
CY. - HATCH BEAM
CZ. - FLOOR BEAM
DA. - WALL OPENING
DB. - SLAB OPENING
DC. - FLOOR BEAM OPENING
DD. - HATCH BEAM
DE. - FLOOR BEAM
DF. - WALL OPENING
DG. - SLAB OPENING
DH. - FLOOR BEAM OPENING
DI. - HATCH BEAM
DJ. - FLOOR BEAM
DK. - WALL OPENING
DL. - SLAB OPENING
DM. - FLOOR BEAM OPENING
DN. - HATCH BEAM
DO. - FLOOR BEAM
DP. - WALL OPENING
DQ. - SLAB OPENING
DR. - FLOOR BEAM OPENING
DS. - HATCH BEAM
DT. - FLOOR BEAM
DU. - WALL OPENING
DV. - SLAB OPENING
DW. - FLOOR BEAM OPENING
DX. - HATCH BEAM
DY. - FLOOR BEAM
DZ. - WALL OPENING
EA. - SLAB OPENING
EB. - FLOOR BEAM OPENING
EC. - HATCH BEAM
ED. - FLOOR BEAM
EE. - WALL OPENING
EF. - SLAB OPENING
EG. - FLOOR BEAM OPENING
EH. - HATCH BEAM
EI. - FLOOR BEAM
EJ. - WALL OPENING
EK. - SLAB OPENING
EL. - FLOOR BEAM OPENING
EM. - HATCH BEAM
EN. - FLOOR BEAM
EO. - WALL OPENING
EP. - SLAB OPENING
EQ. - FLOOR BEAM OPENING
ER. - HATCH BEAM
ES. - FLOOR BEAM
ET. - WALL OPENING
EU. - SLAB OPENING
EV. - FLOOR BEAM OPENING
EW. - HATCH BEAM
EX. - FLOOR BEAM
EY. - WALL OPENING
EZ. - SLAB OPENING
FA. - FLOOR BEAM OPENING
FB. - HATCH BEAM
FC. - FLOOR BEAM
FD. - WALL OPENING
FE. - SLAB OPENING
FF. - FLOOR BEAM OPENING
FG. - HATCH BEAM
FH. - FLOOR BEAM
FI. - WALL OPENING
FJ. - SLAB OPENING
FK. - FLOOR BEAM OPENING
FL. - HATCH BEAM
FM. - FLOOR BEAM
FN. - WALL OPENING
FO. - SLAB OPENING
FP. - FLOOR BEAM OPENING
FQ. - HATCH BEAM
FR. - FLOOR BEAM
FS. - WALL OPENING
FT. - SLAB OPENING
FU. - FLOOR BEAM OPENING
FV. - HATCH BEAM
FW. - FLOOR BEAM
FX. - WALL OPENING
FY. - SLAB OPENING
FZ. - FLOOR BEAM OPENING
GA. - HATCH BEAM
GB. - FLOOR BEAM
GC. - WALL OPENING
GD. - SLAB OPENING
GE. - FLOOR BEAM OPENING
GF. - HATCH BEAM
GG. - FLOOR BEAM
GH. - WALL OPENING
GI. - SLAB OPENING
GJ. - FLOOR BEAM OPENING
GK. - HATCH BEAM
GL. - FLOOR BEAM
GM. - WALL OPENING
GN. - SLAB OPENING
GO. - FLOOR BEAM OPENING
GP. - HATCH BEAM
GQ. - FLOOR BEAM
GR. - WALL OPENING
GS. - SLAB OPENING
GT. - FLOOR BEAM OPENING
GU. - HATCH BEAM
GV. - FLOOR BEAM
GW. - WALL OPENING
GX. - SLAB OPENING
GY. - FLOOR BEAM OPENING
GZ. - HATCH BEAM
HA. - FLOOR BEAM
HB. - WALL OPENING
HC. - SLAB OPENING
HD. - FLOOR BEAM OPENING
HE. - HATCH BEAM
HF. - FLOOR BEAM
HG. - WALL OPENING
HH. - SLAB OPENING
HI. - FLOOR BEAM OPENING
HJ. - HATCH BEAM
HK. - FLOOR BEAM
HL. - WALL OPENING
HM. - SLAB OPENING
HN. - FLOOR BEAM OPENING
HO. - HATCH BEAM
HP. - FLOOR BEAM
HQ. - WALL OPENING
HR. - SLAB OPENING
HS. - FLOOR BEAM OPENING
HT. - HATCH BEAM
HU. - FLOOR BEAM
HV. - WALL OPENING
HW. - SLAB OPENING
HX. - FLOOR BEAM OPENING
HY. - HATCH BEAM
HZ. - FLOOR BEAM
IA. - WALL OPENING
IB. - SLAB OPENING
IC. - FLOOR BEAM OPENING
ID. - HATCH BEAM
IE. - FLOOR BEAM
IF. - WALL OPENING
IG. - SLAB OPENING
IH. - FLOOR BEAM OPENING
II. - HATCH BEAM
IJ. - FLOOR BEAM
IK. - WALL OPENING
IL. - SLAB OPENING
IM. - FLOOR BEAM OPENING
IN. - HATCH BEAM
IO. - FLOOR BEAM
IP. - WALL OPENING
IQ. - SLAB OPENING
IR. - FLOOR BEAM OPENING
IS. - HATCH BEAM
IT. - FLOOR BEAM
IU. - WALL OPENING
IV. - SLAB OPENING
IW. - FLOOR BEAM OPENING
IX. - HATCH BEAM
IY. - FLOOR BEAM
IZ. - WALL OPENING
JA. - SLAB OPENING
JB. - FLOOR BEAM OPENING
JC. - HATCH BEAM
JD. - FLOOR BEAM
JE. - WALL OPENING
JF. - SLAB OPENING
JG. - FLOOR BEAM OPENING
JH. - HATCH BEAM
JI. - FLOOR BEAM
JJ. - WALL OPENING
JK. - SLAB OPENING
JL. - FLOOR BEAM OPENING
JM. - HATCH BEAM
JN. - FLOOR BEAM
JO. - WALL OPENING
JP. - SLAB OPENING
JQ. - FLOOR BEAM OPENING
JR. - HATCH BEAM
JS. - FLOOR BEAM
JT. - WALL OPENING
JU. - SLAB OPENING
JV. - FLOOR BEAM OPENING
JW. - HATCH BEAM
JX. - FLOOR BEAM
JY. - WALL OPENING
JZ. - SLAB OPENING
KA. - FLOOR BEAM OPENING
KB. - HATCH BEAM
KC. - FLOOR BEAM
KD. - WALL OPENING
KE. - SLAB OPENING
KF. - FLOOR BEAM OPENING
KG. - HATCH BEAM
KH. - FLOOR BEAM
KI. - WALL OPENING
KJ. - SLAB OPENING
KK. - FLOOR BEAM OPENING
KL. - HATCH BEAM
KM. - FLOOR BEAM
KN. - WALL OPENING
KO. - SLAB OPENING
KP. - FLOOR BEAM OPENING
KQ. - HATCH BEAM
KR. - FLOOR BEAM
KS. - WALL OPENING
KT. - SLAB OPENING
KU. - FLOOR BEAM OPENING
KV. - HATCH BEAM
KW. - FLOOR BEAM
KX. - WALL OPENING
KY. - SLAB OPENING
KZ. - FLOOR BEAM OPENING
LA. - HATCH BEAM
LB. - FLOOR BEAM
LC. - WALL OPENING
LD. - SLAB OPENING
LE. - FLOOR BEAM OPENING
LF. - HATCH BEAM
LG. - FLOOR BEAM
LH. - WALL OPENING
LI. - SLAB OPENING
LJ. - FLOOR BEAM OPENING
LK. - HATCH BEAM
LL. - FLOOR BEAM
LM. - WALL OPENING
LN. - SLAB OPENING
LO. - FLOOR BEAM OPENING
LP. - HATCH BEAM
LQ. - FLOOR BEAM
LR. - WALL OPENING
LS. - SLAB OPENING
LT. - FLOOR BEAM OPENING
LU. - HATCH BEAM
LV. - FLOOR BEAM
LW. - WALL OPENING
LX. - SLAB OPENING
LY. - FLOOR BEAM OPENING
LZ. - HATCH BEAM
MA. - FLOOR BEAM
MB. - WALL OPENING
MC. - SLAB OPENING
MD. - FLOOR BEAM OPENING
ME. - HATCH BEAM
MF. - FLOOR BEAM
MG. - WALL OPENING
MH. - SLAB OPENING
MI. - FLOOR BEAM OPENING
MJ. - HATCH BEAM
MK. - FLOOR BEAM
ML. - WALL OPENING
MN. - SLAB OPENING
MO. - FLOOR BEAM OPENING
MP. - HATCH BEAM
MQ. - FLOOR BEAM
MR. - WALL OPENING
MS. - SLAB OPENING
MT. - FLOOR BEAM OPENING
MU. - HATCH BEAM
MV. - FLOOR BEAM
MW. - WALL OPENING
MX. - SLAB OPENING
MY. - FLOOR BEAM OPENING
MZ. - HATCH BEAM
NA. - FLOOR BEAM
NB. - WALL OPENING
NC. - SLAB OPENING
ND. - FLOOR BEAM OPENING
NE. - HATCH BEAM
NF. - FLOOR BEAM
NG. - WALL OPENING
NH. - SLAB OPENING
NI. - FLOOR BEAM OPENING
NJ. - HATCH BEAM
NK. - FLOOR BEAM
NL. - WALL OPENING
NM. - SLAB OPENING
NO. - FLOOR BEAM OPENING
NP. - HATCH BEAM
NQ. - FLOOR BEAM
NR. - WALL OPENING
NS. - SLAB OPENING
NT. - FLOOR BEAM OPENING
NU. - HATCH BEAM
NV. - FLOOR BEAM
NW. - WALL OPENING
NX. - SLAB OPENING
NY. - FLOOR BEAM OPENING
NZ. - HATCH BEAM
OA. - FLOOR BEAM
OB. - WALL OPENING
OC. - SLAB OPENING
OD. - FLOOR BEAM OPENING
OE. - HATCH BEAM
OF. - FLOOR BEAM
OG. - WALL OPENING
OH. - SLAB OPENING
OI. - FLOOR BEAM OPENING
OJ. - HATCH BEAM
OK. - FLOOR BEAM
OL. - WALL OPENING
OM. - SLAB OPENING
ON. - FLOOR BEAM OPENING
OO. - HATCH BEAM
OP. - FLOOR BEAM
OQ. - WALL OPENING
OR. - SLAB OPENING
OS. - FLOOR BEAM OPENING
OT. - HATCH BEAM
OU. - FLOOR BEAM
OV. - WALL OPENING
OW. - SLAB OPENING
OX. - FLOOR BEAM OPENING
OY. - HATCH BEAM
OZ. - FLOOR BEAM
PA. - WALL OPENING
PB. - SLAB OPENING
PC. - FLOOR BEAM OPENING
PD. - HATCH BEAM
PE. - FLOOR BEAM
PF. - WALL OPENING
PG. - SLAB OPENING
PH. - FLOOR BEAM OPENING
PI. - HATCH BEAM
PJ. - FLOOR BEAM
PK. - WALL OPENING
PL. - SLAB OPENING
PM. - FLOOR BEAM OPENING
PN. - HATCH BEAM
PO. - FLOOR BEAM
PP. - WALL OPENING
PQ. - SLAB OPENING
PR. - FLOOR BEAM OPENING
PS. - HATCH BEAM
PT. - FLOOR BEAM
PU. - WALL OPENING
PV. - SLAB OPENING
PW. - FLOOR BEAM OPENING
PX. - HATCH BEAM
PY. - FLOOR BEAM
PZ. - WALL OPENING
QA. - SLAB OPENING
QB. - FLOOR BEAM OPENING
QC. - HATCH BEAM
QD. - FLOOR BEAM
QE. - WALL OPENING
QF. - SLAB OPENING
QG. - FLOOR BEAM OPENING
QH. - HATCH BEAM
QI. - FLOOR BEAM
QJ. - WALL OPENING
QK. - SLAB OPENING
QL. - FLOOR BEAM OPENING
QM. - HATCH BEAM
QN. - FLOOR BEAM
QO. - WALL OPENING
QP. - SLAB OPENING
QR. - FLOOR BEAM OPENING
QS. - HATCH BEAM
QT. - FLOOR BEAM
QU. - WALL OPENING
QV. - SLAB OPENING
QW. - FLOOR BEAM OPENING
QX. - HATCH BEAM
QY. - FLOOR BEAM
QZ. - WALL OPENING
RA. - SLAB OPENING
RB. - FLOOR BEAM OPENING
RC. - HATCH BEAM
RD. - FLOOR BEAM
RE. - WALL OPENING
RF. - SLAB OPENING
RG. - FLOOR BEAM OPENING
RH. - HATCH BEAM
RI. - FLOOR BEAM
RJ. - WALL OPENING
RK. - SLAB OPENING
RL. - FLOOR BEAM OPENING
RM. - HATCH BEAM
RN. - FLOOR BEAM
RO. - WALL OPENING
RP. - SLAB OPENING
RQ. - FLOOR BEAM OPENING
RS. - HATCH BEAM
RT. - FLOOR BEAM
RU. - WALL OPENING
RV. - SLAB OPENING
RW. - FLOOR BEAM OPENING
RX. - HATCH BEAM
RY. - FLOOR BEAM
RZ. - WALL OPENING
SA. - SLAB OPENING
SB. - FLOOR BEAM OPENING
SC. - HATCH BEAM
SD. - FLOOR BEAM
SE. - WALL OPENING
SF. - SLAB OPENING
SG. - FLOOR BEAM OPENING
SH. - HATCH BEAM
SI. - FLOOR BEAM
SJ. - WALL OPENING
SK. - SLAB OPENING
SL. - FLOOR BEAM OPENING
SM. - HATCH BEAM
SN. - FLOOR BEAM
SO. - WALL OPENING
SP. - SLAB OPENING
SQ. - FLOOR BEAM OPENING
SR. - HATCH BEAM
ST. - FLOOR BEAM
SU. - WALL OPENING
SV. - SLAB OPENING
SW. - FLOOR BEAM OPENING
SX. - HATCH BEAM
SY. - FLOOR BEAM
SZ. - WALL OPENING
TA. - SLAB OPENING
TB. - FLOOR BEAM OPENING
TC. - HATCH BEAM
TD. - FLOOR BEAM
TE. - WALL OPENING
TF. - SLAB OPENING
TG. - FLOOR BEAM OPENING
TH. - HATCH BEAM
TI. - FLOOR BEAM
TJ. - WALL OPENING
TK. - SLAB OPENING
TL. - FLOOR BEAM OPENING
TM. - HATCH BEAM
TN. - FLOOR BEAM
TO. - WALL OPENING
TP. - SLAB OPENING
TQ. - FLOOR BEAM OPENING
TR. - HATCH BEAM
TS. - FLOOR BEAM
TU. - WALL OPENING
TV. - SLAB OPENING
TW. - FLOOR BEAM OPENING
TX. - HATCH BEAM
TY. - FLOOR BEAM
TZ. - WALL OPENING
UA. - SLAB OPENING
UB. - FLOOR BEAM OPENING
UC. - HATCH BEAM
UD. - FLOOR BEAM
UE. - WALL OPENING
UF. - SLAB OPENING
UG. - FLOOR BEAM OPENING
UH. - HATCH BEAM
UI. - FLOOR BEAM
UJ. - WALL OPENING
UK. - SLAB OPENING
UL. - FLOOR BEAM OPENING
UM. - HATCH BEAM
UN. - FLOOR BEAM
UO. - WALL OPENING
UP. - SLAB OPENING
UQ. - FLOOR BEAM OPENING
UR. - HATCH BEAM
US. - FLOOR BEAM
UT. - WALL OPENING
UV. - SLAB OPENING
UW. - FLOOR BEAM OPENING
UX. - HATCH BEAM
UY. - FLOOR BEAM
UZ. - WALL OPENING
VA. - SLAB OPENING
VB. - FLOOR BEAM OPENING
VC. - HATCH BEAM
VD. - FLOOR BEAM
VE. - WALL OPENING
VF. - SLAB OPENING
VG. - FLOOR BEAM OPENING
VH. - HATCH BEAM
VI. - FLOOR BEAM
VJ. - WALL OPENING
VK. - SLAB OPENING
VL. - FLOOR BEAM OPENING
VM. - HATCH BEAM
VN. - FLOOR BEAM
VO. - WALL OPENING
VP. - SLAB OPENING
VQ. - FLOOR BEAM OPENING
VR. - HATCH BEAM
VS. - FLOOR BEAM
VT. - WALL OPENING
VU. - SLAB OPENING
VV. - FLOOR BEAM OPENING
VX. - HATCH BEAM
VY. - FLOOR BEAM
VZ. - WALL OPENING
WA. - SLAB OPENING
WB. - FLOOR BEAM OPENING
WC. - HATCH BEAM
WD. - FLOOR BEAM
WE. - WALL OPENING
WF. - SLAB OPENING
WG. - FLOOR BEAM OPENING
WH. - HATCH BEAM
WI. - FLOOR BEAM
WJ. - WALL OPENING
WK. - SLAB OPENING
WL. - FLOOR BEAM OPENING
WM. - HATCH BEAM
WN. - FLOOR BEAM
WO. - WALL OPENING
WP. - SLAB OPENING
WQ. - FLOOR BEAM OPENING
WR. - HATCH BEAM
WS. - FLOOR BEAM
WT. - WALL OPENING
WU. - SLAB OPENING
WV. - FLOOR BEAM OPENING
WX. - HATCH BEAM
WY. - FLOOR BEAM
WZ. - WALL OPENING
XA. - SLAB OPENING
XB. - FLOOR BEAM OPENING
XC. - HATCH BEAM
XD. - FLOOR BEAM
XE. - WALL OPENING
XF. - SLAB OPENING
XG. - FLOOR BEAM OPENING
XH. - HATCH BEAM
XI. - FLOOR BEAM
XJ. - WALL OPENING
XK. - SLAB OPENING
XL. - FLOOR BEAM OPENING
XM. - HATCH BEAM
XN. - FLOOR BEAM
XO. - WALL OPENING
XP. - SLAB OPENING
XQ. - FLOOR BEAM OPENING
XR. - HATCH BEAM
XS. - FLOOR BEAM
XT. - WALL OPENING
XU. - SLAB OPENING
XV. - FLOOR BEAM OPENING
XW. - HATCH BEAM
XY. - FLOOR BEAM
XZ. - WALL OPENING
YA. - SLAB OPENING
YB. - FLOOR BEAM OPENING
YC. - HATCH BEAM
YD. - FLOOR BEAM
YE. - WALL OPENING
YF. - SLAB OPENING
YG. - FLOOR BEAM OPENING
YH. - HATCH BEAM
YI. - FLOOR BEAM
YJ. - WALL OPENING
YK. - SLAB OPENING
YL. - FLOOR BEAM OPENING
YM. - HATCH BEAM
YN. - FLOOR BEAM
YO. - WALL OPENING
YP. - SLAB OPENING
YQ. - FLOOR BEAM OPENING
YR. - HATCH BEAM
YS. - FLOOR BEAM
YT. - WALL OPENING
YU. - SLAB OPENING
YV. - FLOOR BEAM OPENING
YW. - HATCH BEAM
YX. - FLOOR BEAM
YZ. - WALL OPENING
ZA. - SLAB OPENING
ZB. - FLOOR BEAM OPENING
ZC. - HATCH BEAM
ZD. - FLOOR BEAM
ZE. - WALL OPENING
ZF. - SLAB OPENING
ZG. - FLOOR BEAM OPENING
ZH. - HATCH BEAM
ZI. - FLOOR BEAM
ZJ. - WALL OPENING
ZK. - SLAB OPENING
ZL. - FLOOR BEAM OPENING
ZM. - HATCH BEAM
ZN. - FLOOR BEAM
ZO. - WALL OPENING
ZP. - SLAB OPENING
ZQ. - FLOOR BEAM OPENING
ZR. - HATCH BEAM
ZS. - FLOOR BEAM
ZT. - WALL OPENING
ZU. - SLAB OPENING
ZV. - FLOOR BEAM OPENING
ZW. - HATCH BEAM
ZX. - FLOOR BEAM
ZY. - WALL OPENING
ZZ. - SLAB OPENING

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

REV	DESCRIPTION	DATE	INIT
-	DO NOT SCALE DRAWINGS. ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.		

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 33 OF 66

DRAWN

CHECKED

SCALE 1:50 @ A1

DATE

19-07-2018

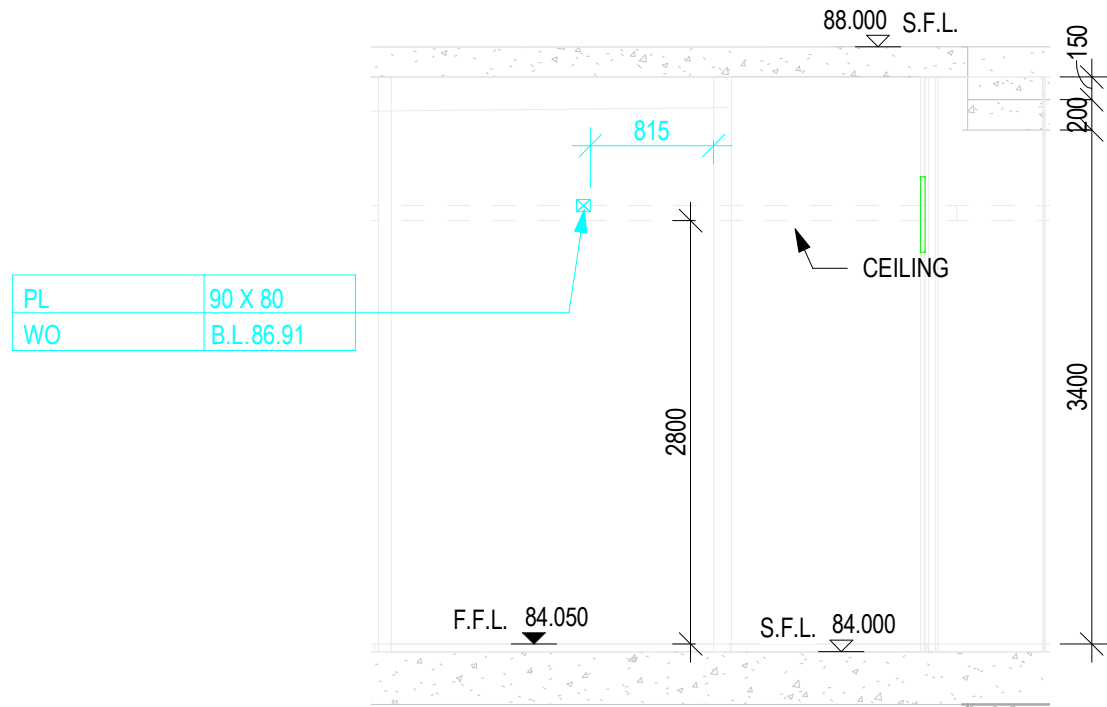
DRAWING NO.

REV

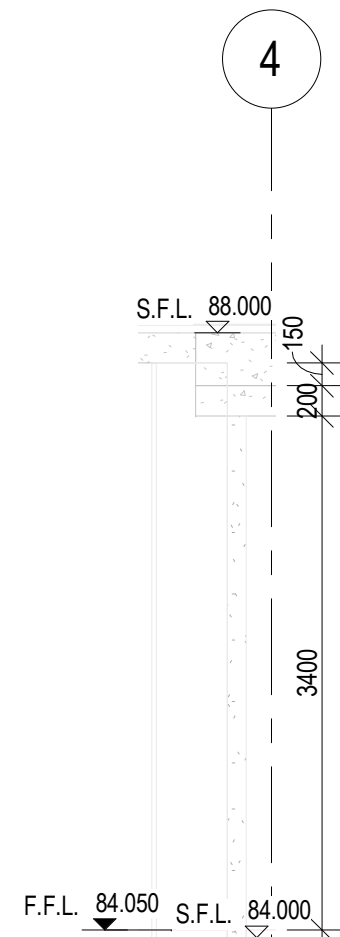
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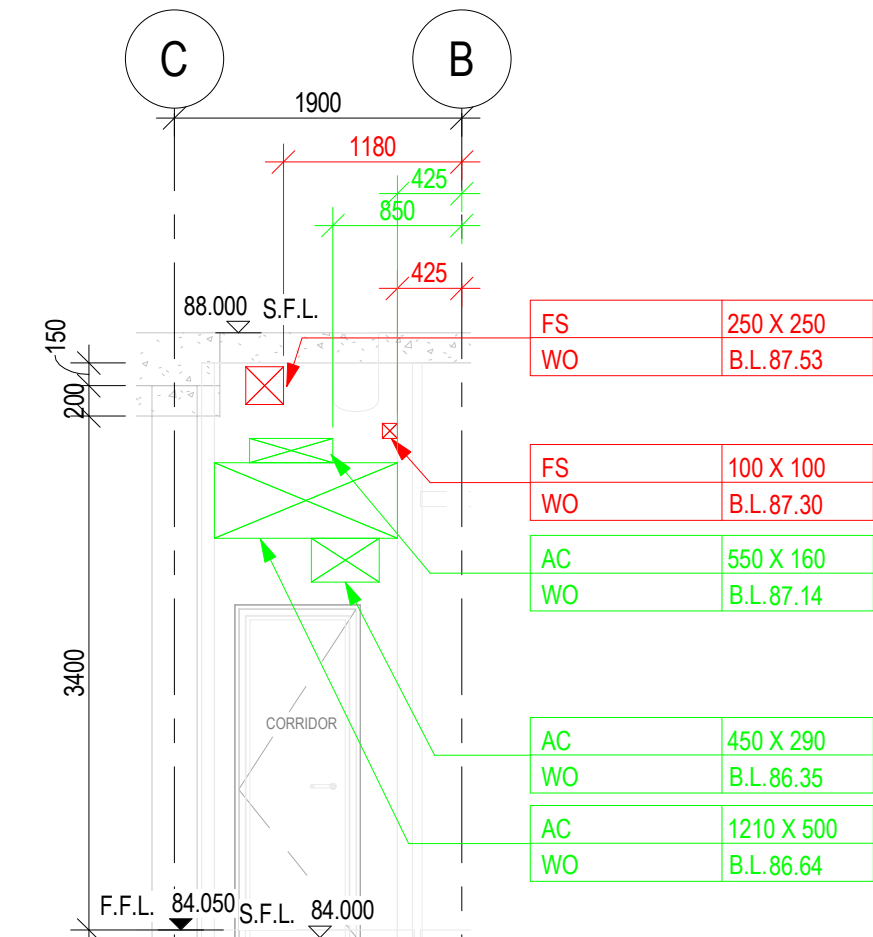
HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B51
MEP-SP07-HVCE-CB1046

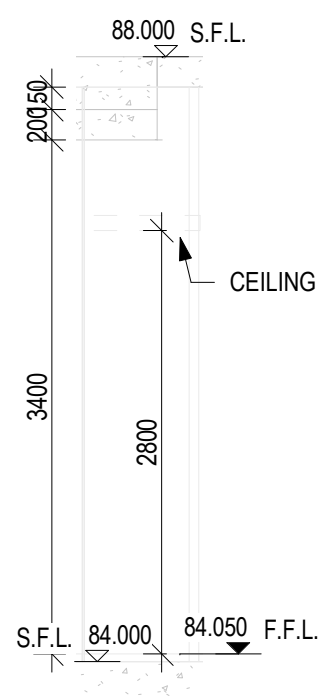


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MEP-SP07-HVCE-CB1046

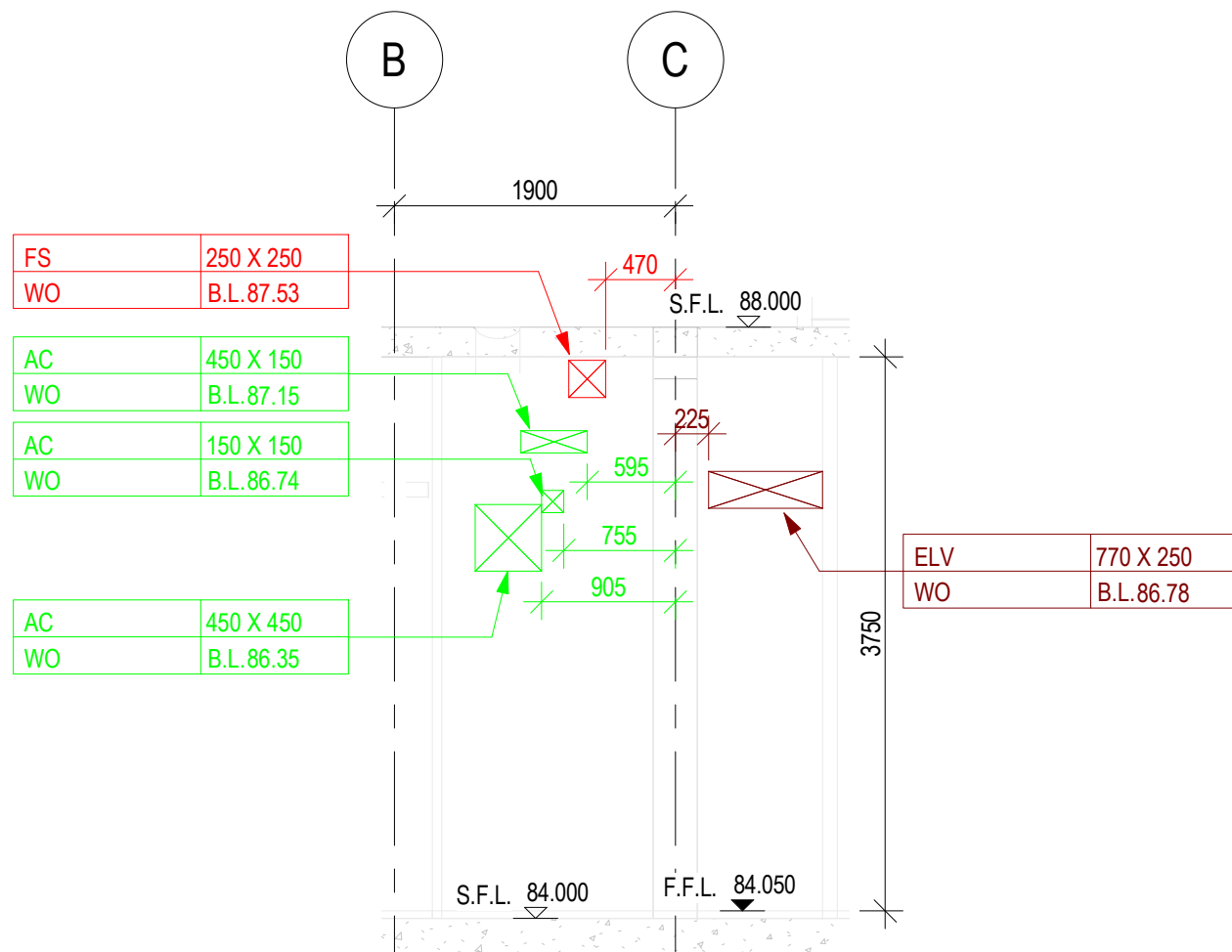


SECTION B47
MEP-SP07-HVCE-CB1046

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

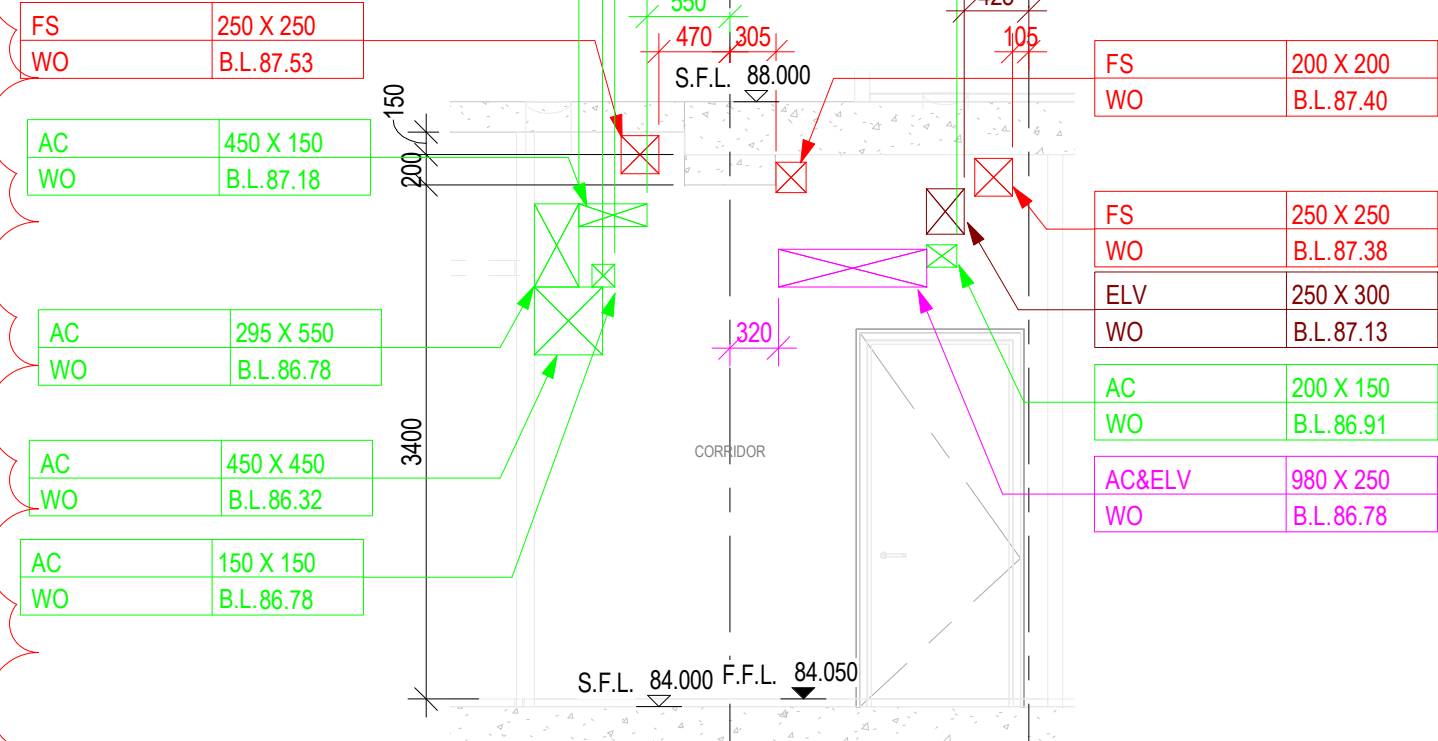


SECTION B50
MEP-SP07-HVCE-CB1046



SECTION B48
MEP-SP07-HVCE-CB1046

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B46
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE SERVICES
B. - ELECTRICAL SERVICES
C. - PLUMBING SERVICES
D. - FIRE SERVICES
E. - GAS SERVICES
F. - HVAC SERVICES
G. - KITCHEN SERVICES
H. - COMBINED OPENING
I. - OPENING SIZE (W X H)
J. - BOTTOM LEVEL
K. - CENTER LEVEL OF PIPE SLEEVE
L. - ALL OPENING AT PRECAST FACADE REFER TO CDM FOR PRECAST FACADE PANEL
M. - ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

ARCH	DWG NO.	2016 (AI-185)
STR	L801 (AI-047)	
HVAC	2502303A-AC-212 (AI-114)	
FS	2502303A-FS-212 (AI-114)	
PL	2502303A-PL-211 (AI-140)	
DR	2502303A-DR-212 (AI-140)	
GAS	2502303A-EL-211 (AI-107)	
EL(LIGHTING)	2502303A-EL-312 (AI-114)	
EL(POWER)	2502303A-EL-412 (AI-140)	
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	
EL(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV

DESCRIPTION

DATE

INIT

1ST CBWD SUBMISSION

19-07-2018

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 34 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE

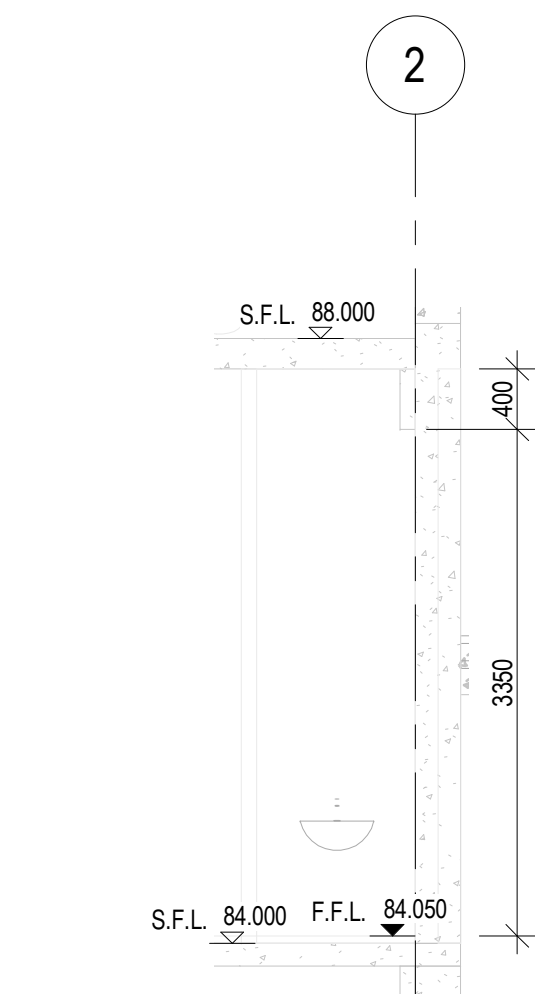
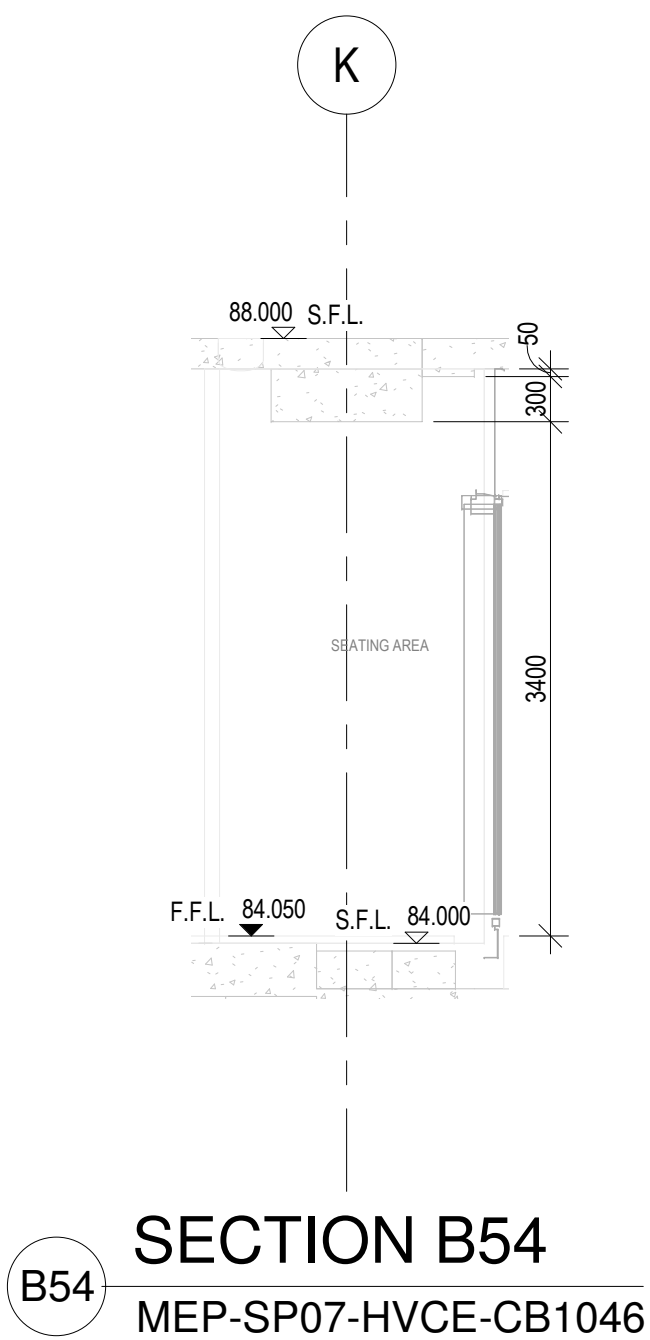
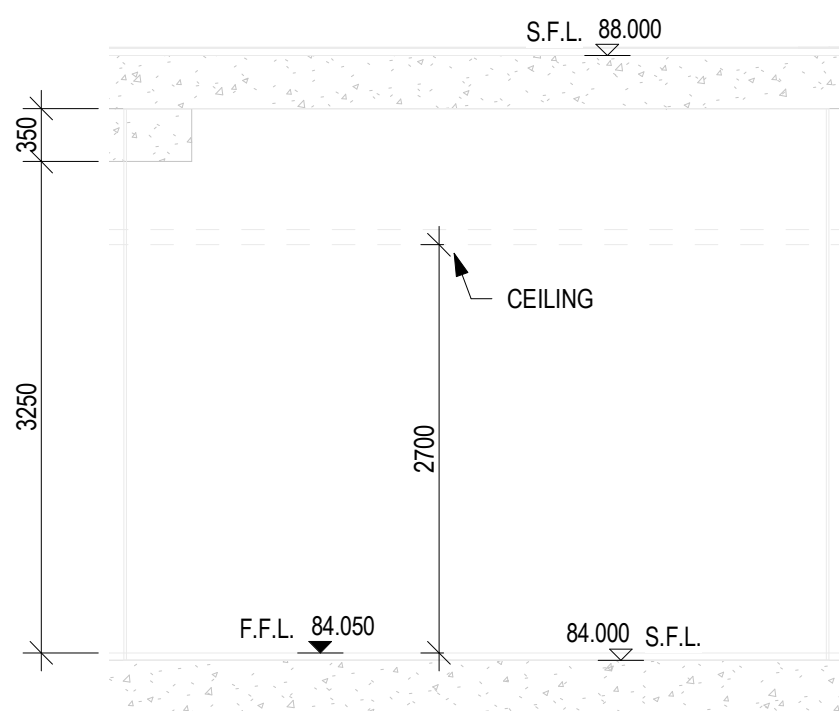
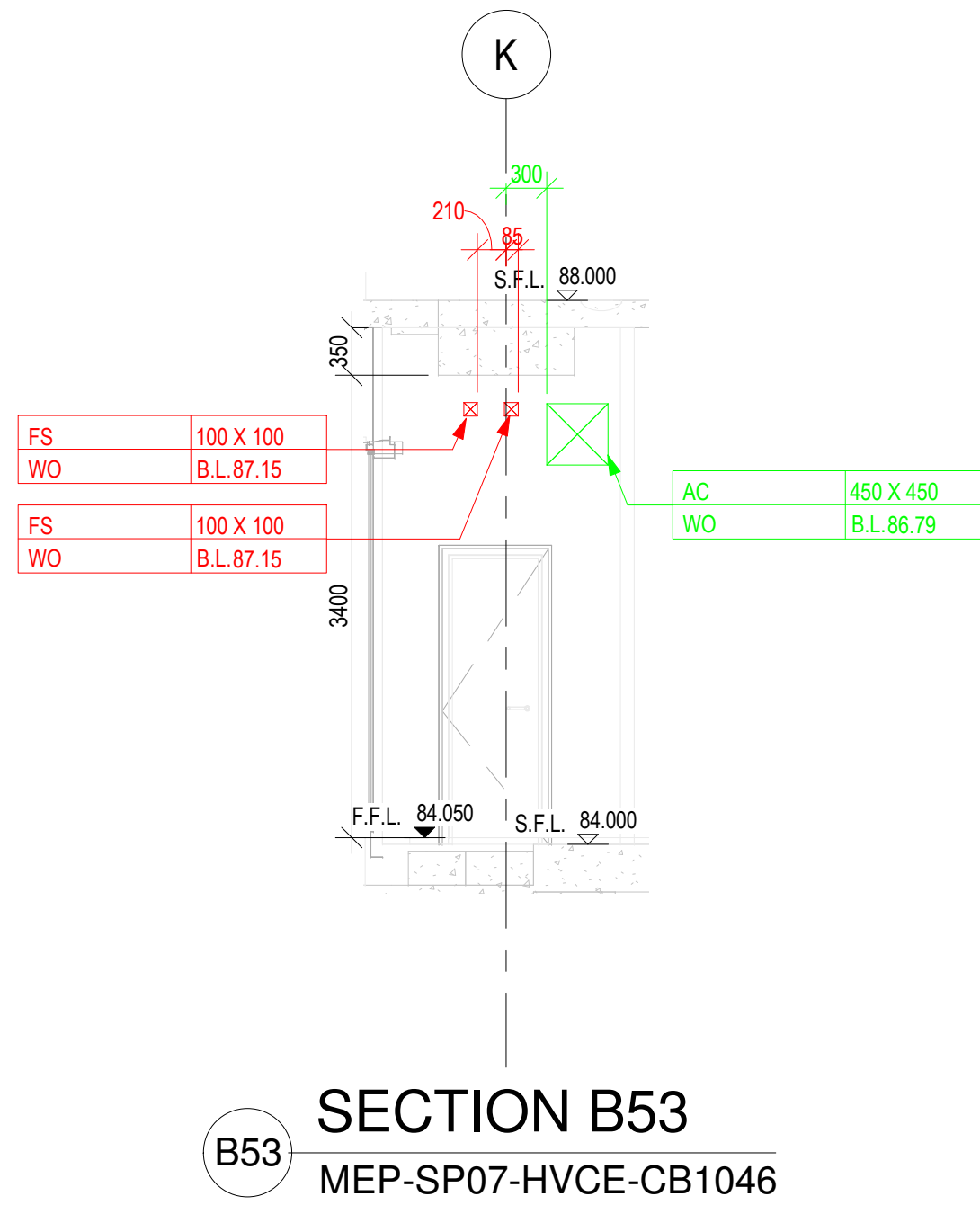
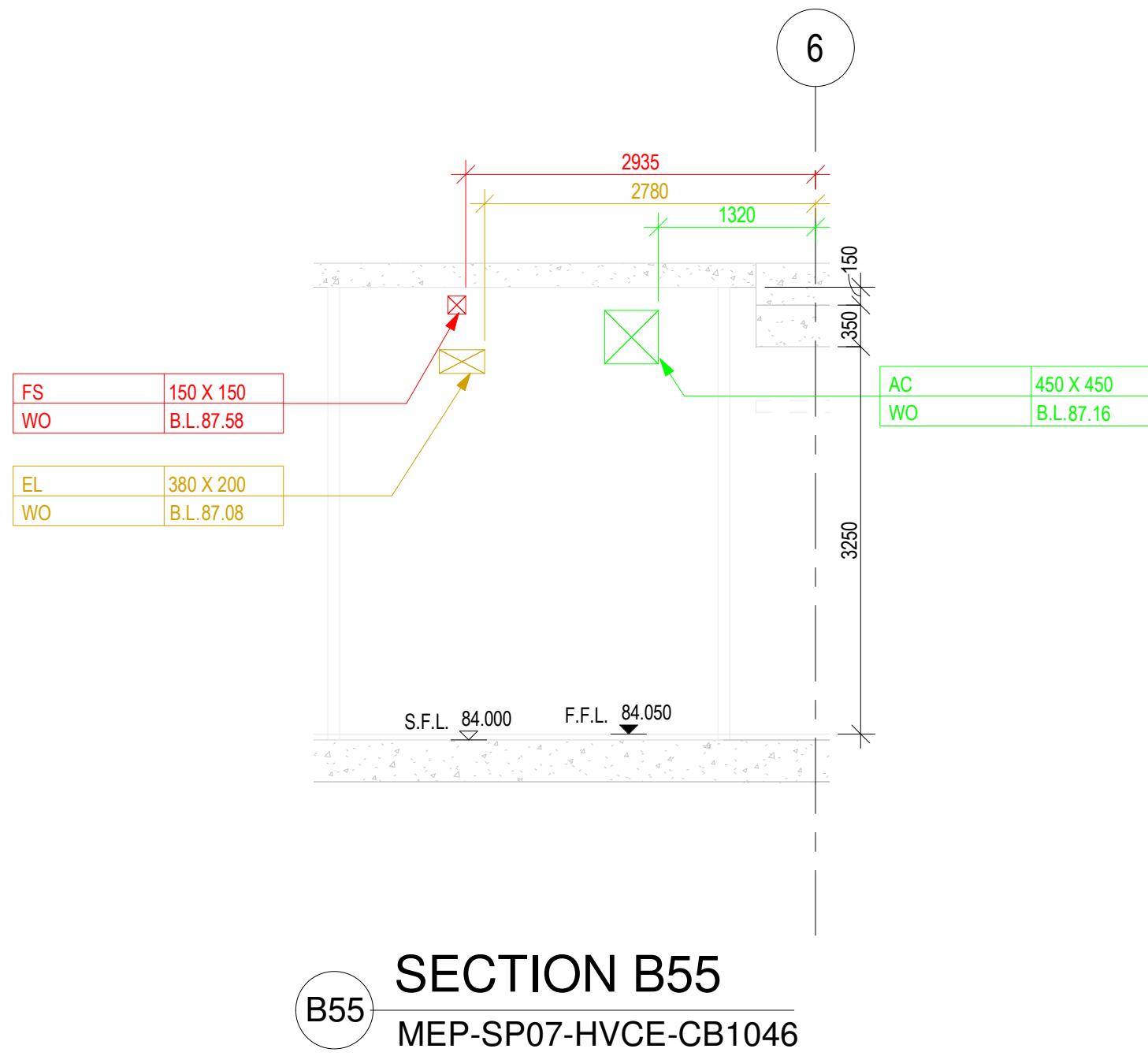
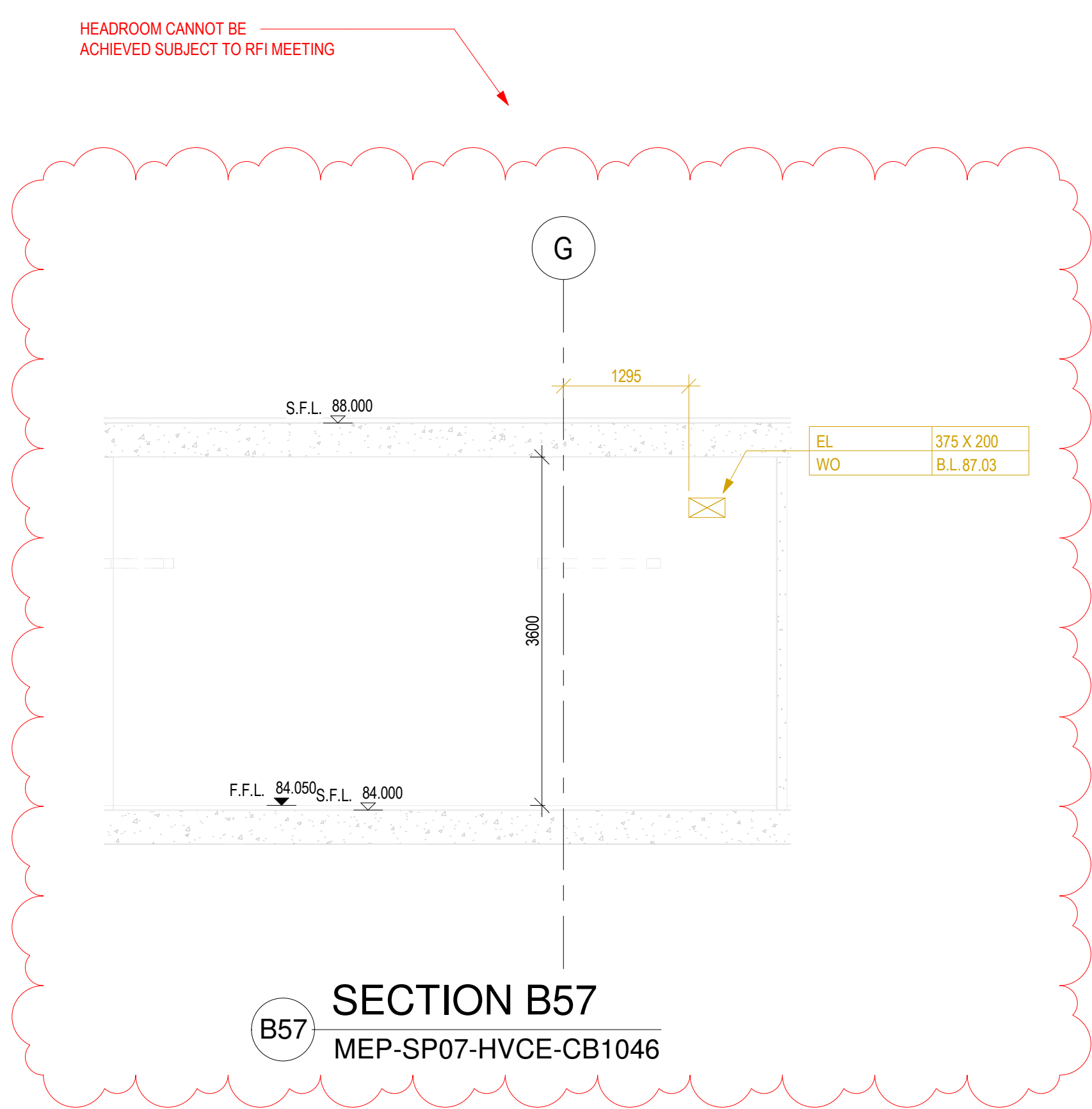
19-07-2018

DRAWING NO.

REV

MEP-SP07-HVCE-CB2584

-



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELV SERVICES
FNG - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BO - FLOOR BEAM OPENING
HB - HANGING BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
S. ALL OPENING AT PRECAST FACADE REFER TO CROWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 35 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

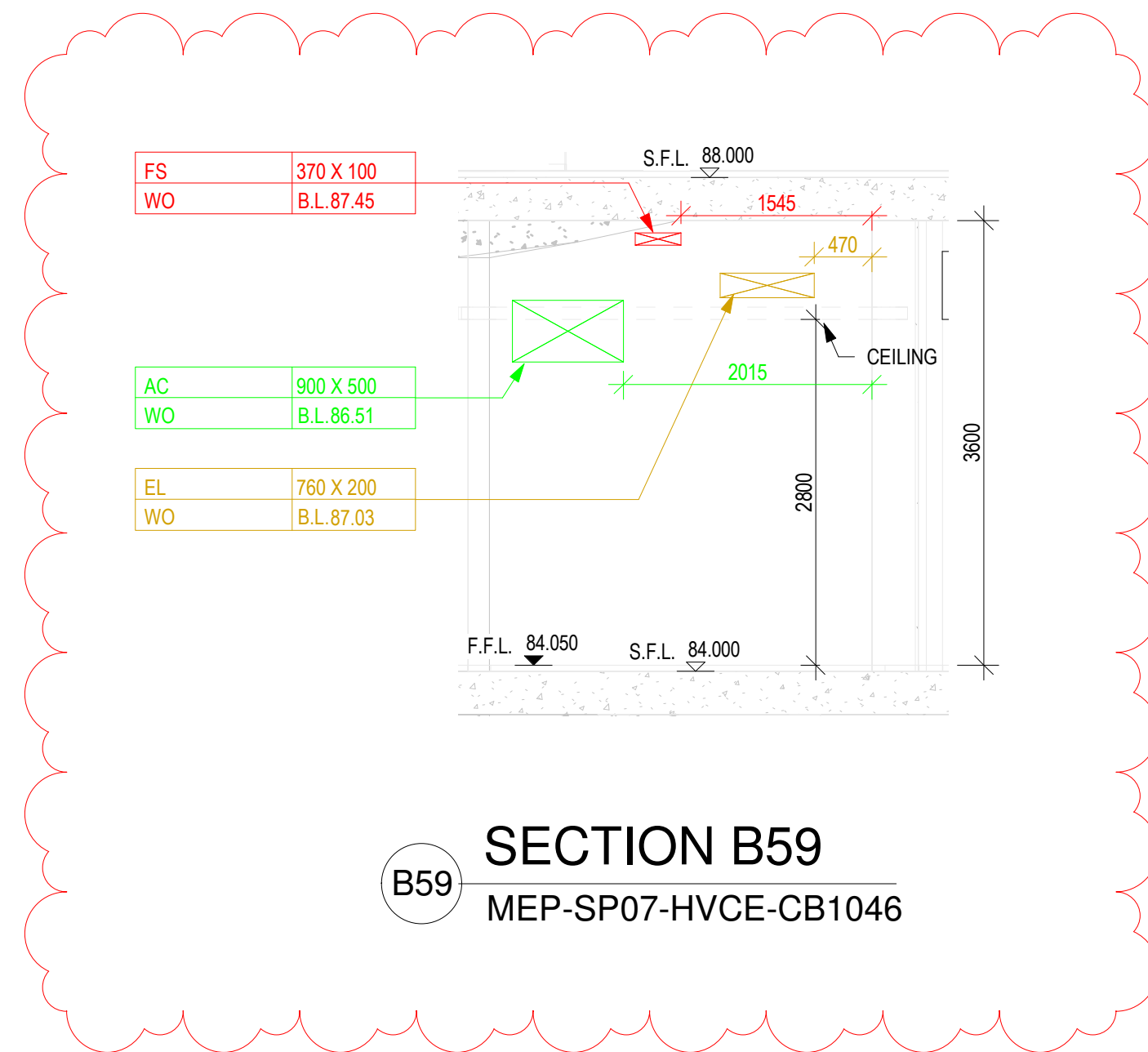
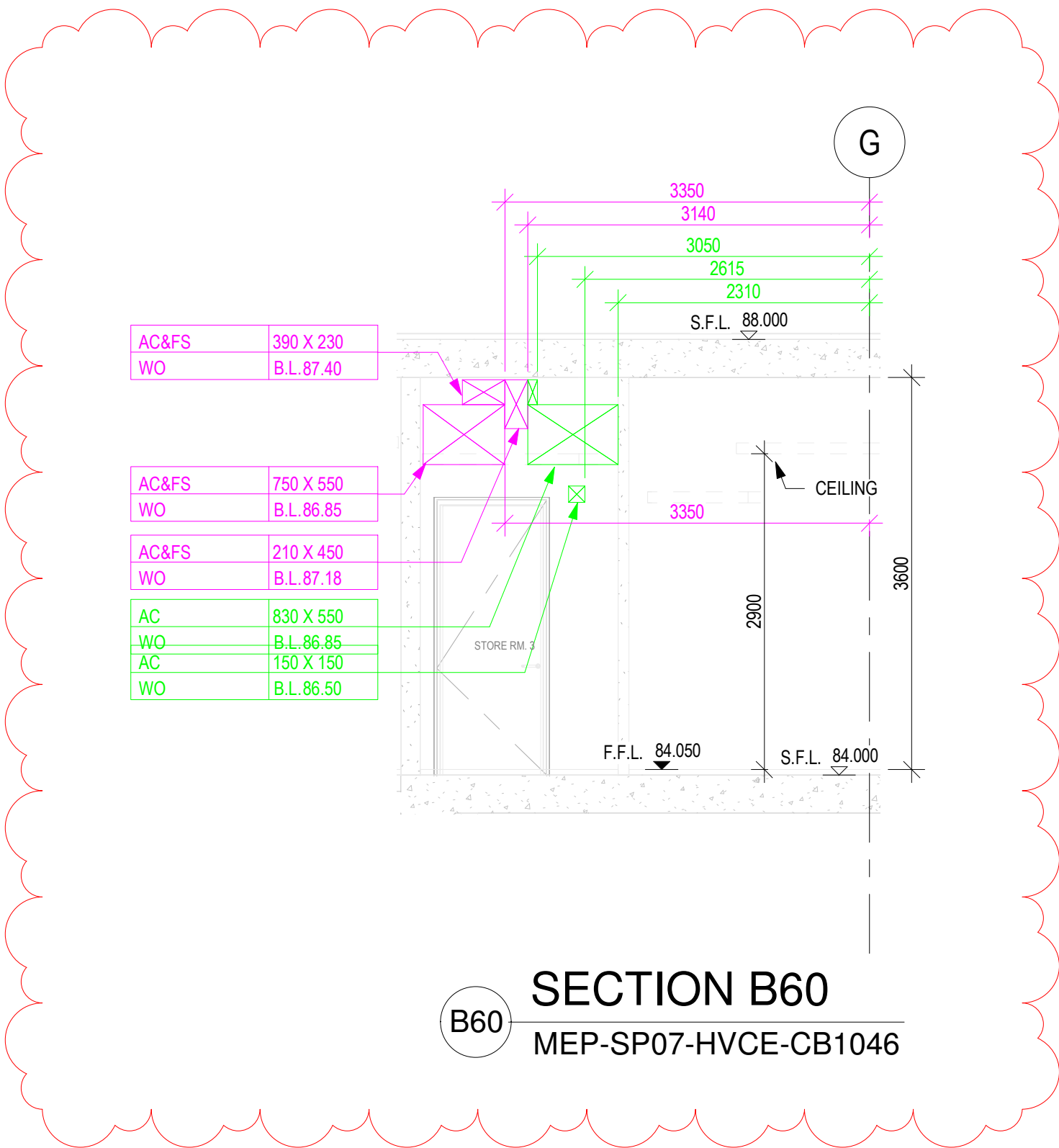
DATE 19-07-2018

DRAWING NO.

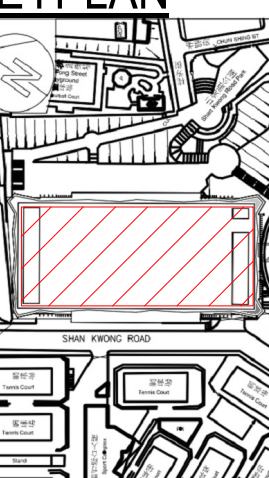
REV

MEP-SP07-HVCE-CB2585

-



COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D. REFERENCE			
F.S.D. REFERENCE			
KEYPLAN  DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED. NOTES: 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. C.L. - CENTER LEVEL; AL - ABOVE LEVEL; BL - BOTTOM LEVEL; L.L. - LOW LEVEL. 3. A. AC - HVAC SERVICES DR - DRAINAGE SERVICES EL - ELECTRICAL SERVICES ELV - ELV SERVICES FNS - FIRE SERVICES FS - FIRE SERVICES PL - PLUMBING SERVICES NO - WALL OPENING SO - SUB-OPENING F - FLOOR BEAM OPENING RB - RAINWATER BEAM RE - RECESS CR - CROWNING BEAM (H/W/P) BL - BOTTOM LEVEL CL - CENTER LEVEL OF PIPE/SLEEVE 4. OPENINGS VISIBLE TO CURRENT/FLOOR A - ABOVE B - BOTTOM C - CENTER D - DOWN 5. ALL OPENING AT PRECAST PACKAGE REFER TO CHORD FOR PRECAST PACKAGE PANEL. 6. ALL VERTICAL RECESSES FOR INSTALLATION SHOULD BE 40MM.			
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			
TRADE	DWG. NO.	REV	
ARCH	2016 (AI-185)	A	
STR	L801 (AI-047)	D	
HVAC	25023033A-AC-212 (AI-114)	B	
FS	25023033A-FS-212 (AI-114)	C	
PL	25023033A-PL-211 (AI-140)	B	
DR	25023033A-DR-212 (AI-140)	B	
GAS	TC-SHRCO-DOGF	-	
EL(LIGHTING)	25023033A-EL-211 (AI-107)	-	
EL(POWER)	25023033A-EL-312 (AI-114)	C	
EL(CABLE CONTAINMENT)	25023033A-EL-412 (AI-140)	C	
EL(VLV & CABLE CONTAINMENT)	25023033A-ELV-212 (AI-114)	C	
SEC(Security)	25023033A-SEC-212 (AI-114)	A	
SERVICES PROVIDE		COLOUR CODE NO:	
	ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255	
	STRUCTURE (STR)	COLOUR CODE: 128 128 128	
	HVAC SERVICES (AC)	COLOUR CODE: 0 255 0	
	DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255	
	ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0	
	ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0	
	GAS SERVICES (GAS)	COLOUR CODE: 128 0 255	
	FIRE SERVICES (FS)	COLOUR CODE: 255 0 0	
	PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255	
	KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0	
	COMBINED OPENING	COLOUR CODE: 255 0 255	
REV	DESCRIPTION	DATE	INIT
-	1ST CWD SUBMISSION	19-07-2018	
- DO NOT SCALE DRAWINGS. - ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			
CLIENT			
DESIGN ARCHITECT			
EXECUTIVE ARCHITECT			
STRUCTURAL & GEOTECHNICAL ENGINEER			
M&E CONSULTANT			
MAIN CONTRACTOR			
SUB-CONTRACTOR			
PROJECT			
DRAWING TITLE			
COMBINED BUILDER'S WORK DRAWING			
MAIN BUILDING			
8/F SECTIONS			
SHEET 36 OF 66			
DRAWN			
CHECKED			
SCALE		1 : 50 @ A1	DATE
DRAWING NO.		19-07-2018	
MEP-SP07-HVCE- CB2586		REV	

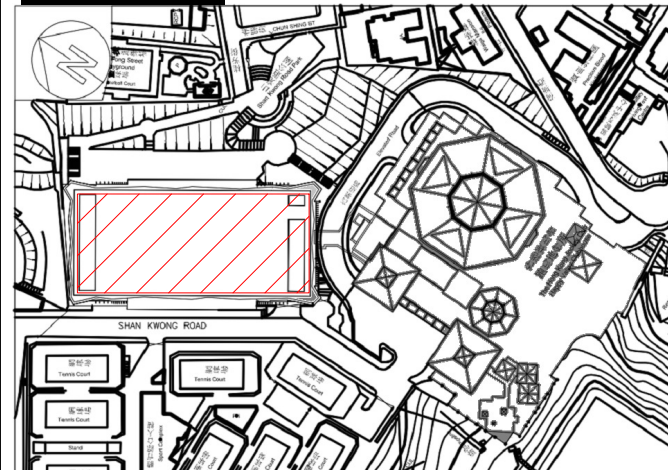


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D REFERENCE

F.S.D REFERENCE

KEYPLAN



DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. CL - CENTER LEVEL AL - LOWEST LEVEL BL - BOTTOM LEVEL LL - LOW LEVEL
3. A. DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELV SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
NO - WALL OPENING
SO - SUB-OPENING
BL - FLOOR BEAM OPENING
RB - RAINWATER BEAM
RE - RECESS
C - OPENING ASSE W/H (PH)
D - BL - BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLUICE
S. ALL OPENING AT PRECAST PACKAGE REFER TO CHORD FOR PRECAST PACKAGE PANEL.
6. ALL VENTILATION DEVICES FOR INSTALLATION SHOULD BE ABOVE ROOM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO	REV
ARCHT	2016 (AI-185)	A
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SHROCE-D06F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-412 (AI-140)	C
EL(VELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SEcurity)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE COLOUR CODE NO:

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

1ST CWBD SUBMISSION

19-07-2018

REV	DESCRIPTION	DATE	INIT
- DO NOT SCALE DRAWINGS. - ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 37 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE

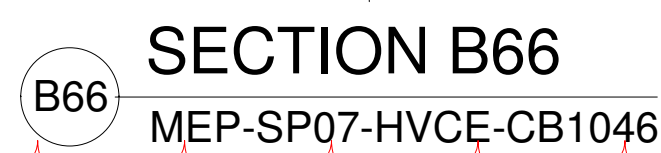
19-07-2018

DRAWING NO.

REV

MEP-SP07-HVCE-CB2587

-



COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

5 ALL OPENING AT PRECAST PANEL REFER TO FORM FOR PRECAST PANEL. 6 ALL DEPTH OF RECESS FOR DOOR INSTALLATION SHALL BE 40MM.		
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION		
ARCH	DWG NO.	REV
STR	2016 (A1-B5)	D
STR	L801 (A1-B7)	C
HVAC	2502033A-AC-212 (A1-A14)	B
HVAC	2502033A-FS-212 (A1-A14)	A
PL	2502033A-PL-211 (A1-A40)	B
DR	2502033A-DR-212 (A1-A40)	B
GR	TO-SHREE JOOF	C
EL(LIGHTING)	2502033A-EL-211(A1-A07)	-
EL(POWER)	2502033A-EL-312(A1-A14)	-
EL(CABLE CANTENTMENT)	2502033A-EL-112(A1-A40)	-
EL(VELV & CABLE CANTENTMENT)	2502033A-ELV-212 (A1-A14)	-
SEC(Security)	2502033A-SEC-212 (A1-A14)	A
SERVICES PROVIDE		COLOUR CODE NO.
ARCHITECTURE (ARCH)		COLOUR CODE: 255 255 255
STRUCTURE (STR)		COLOUR CODE: 128 128 128
HVAC SERVICES (AC)		COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)		COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)		COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)		COLOUR CODE: 128 0 0
GAS SERVICES (GAS)		COLOUR CODE: 128 0 255
FIRE SERVICES (FS)		COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)		COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)		COLOUR CODE: 255 128 0
COMBINED OPENING		COLOUR CODE: 255 0 255

-	1ST CBWD SUBMISSION	19-07-2018	
REV	DESCRIPTION	DATE	INIT
- DO NOT SCALE DRAWINGS. - ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			

CLIENT _____

DESIGN ARCHITECT

EXECUTIVE

STRUCTURAL & GEOTECHNICAL
ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

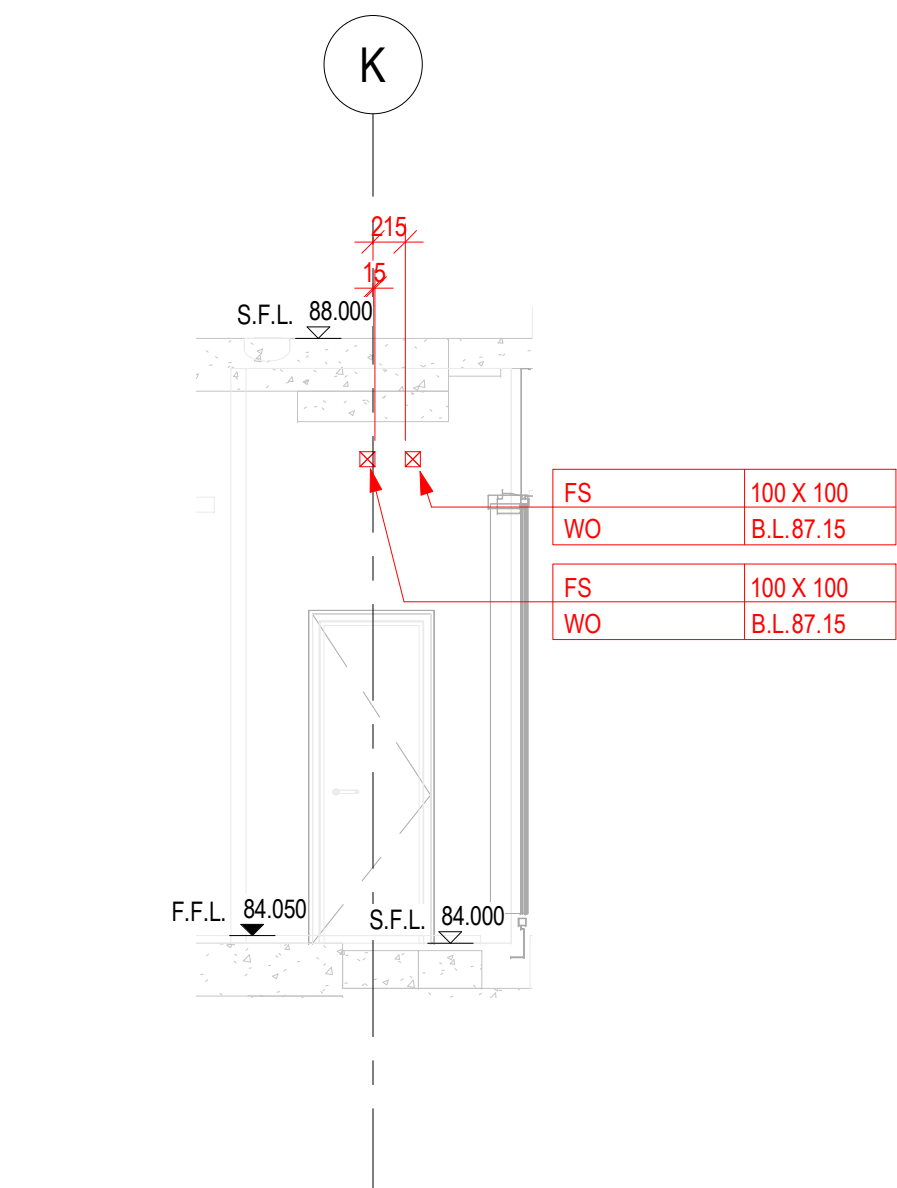
DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 38 OF 66

DRAWN

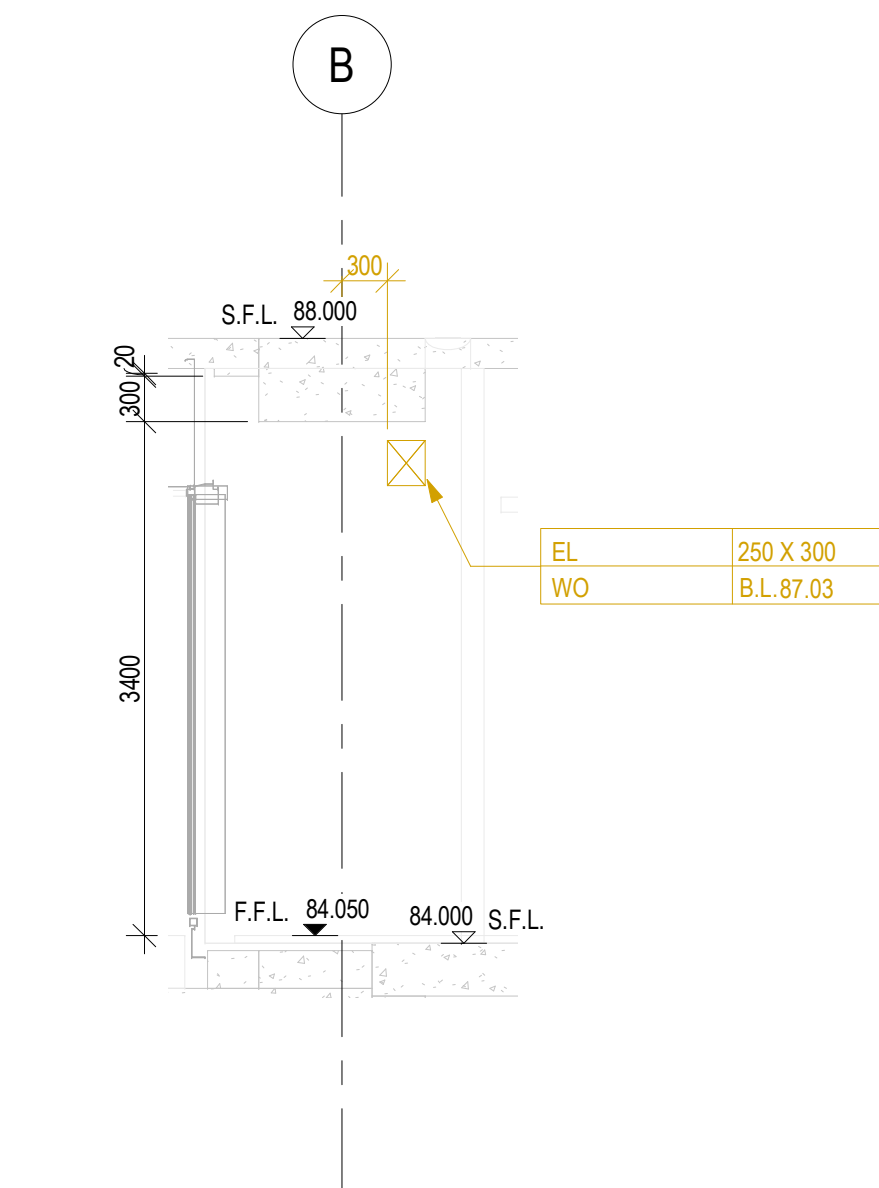
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SCALE	1:50 @ A1	DATE	19-07-2018
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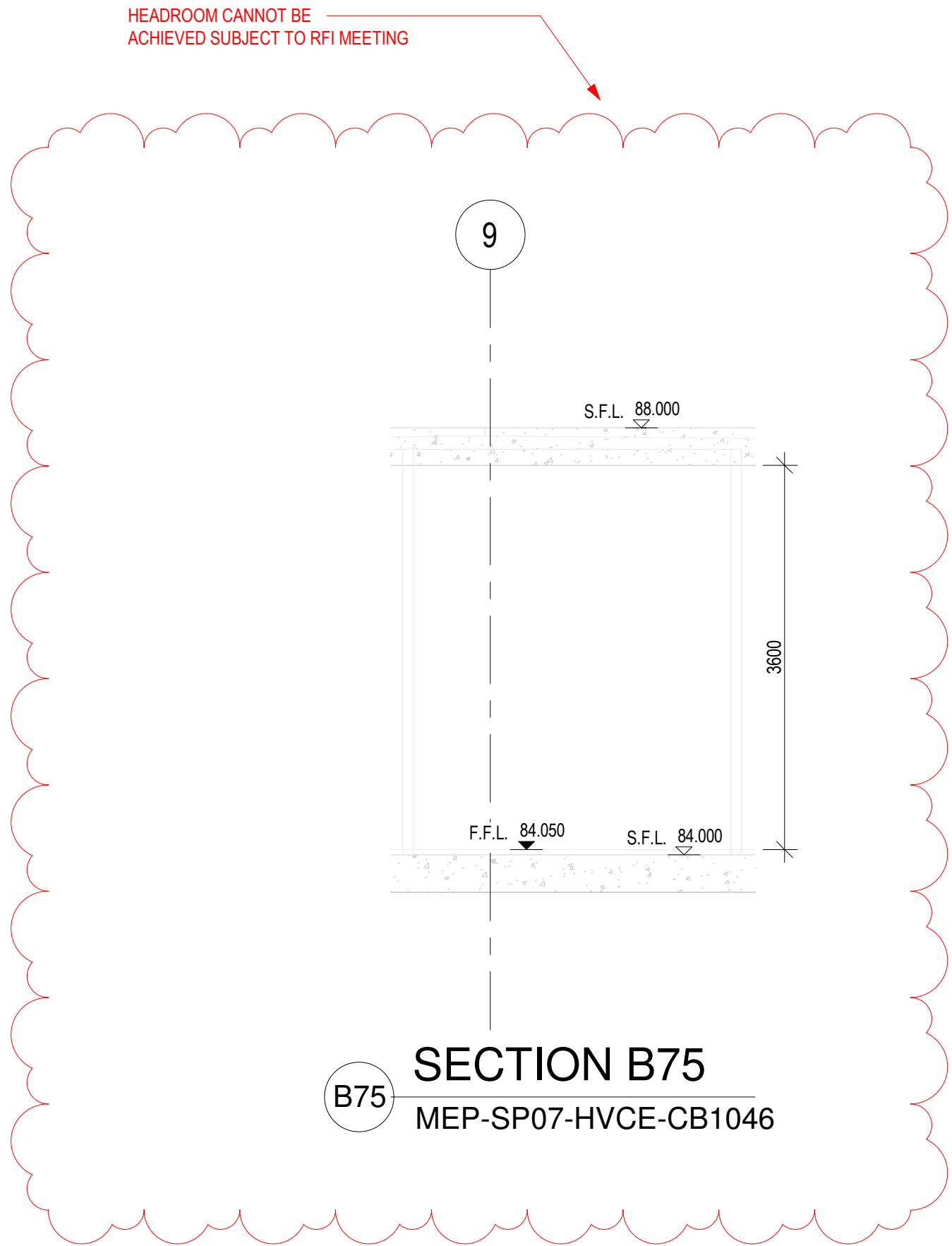
MEP-SP07-HVCE-CB2588	-
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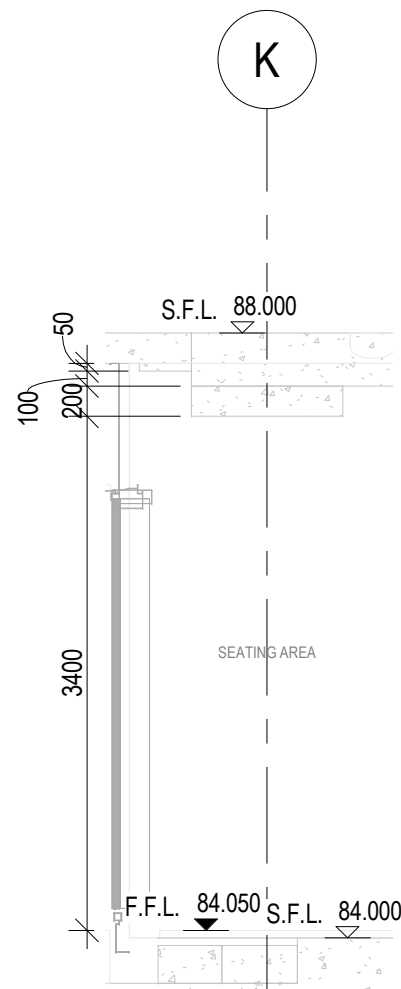
B74 SECTION B74
MEP-SP07-HVCE-CB1046



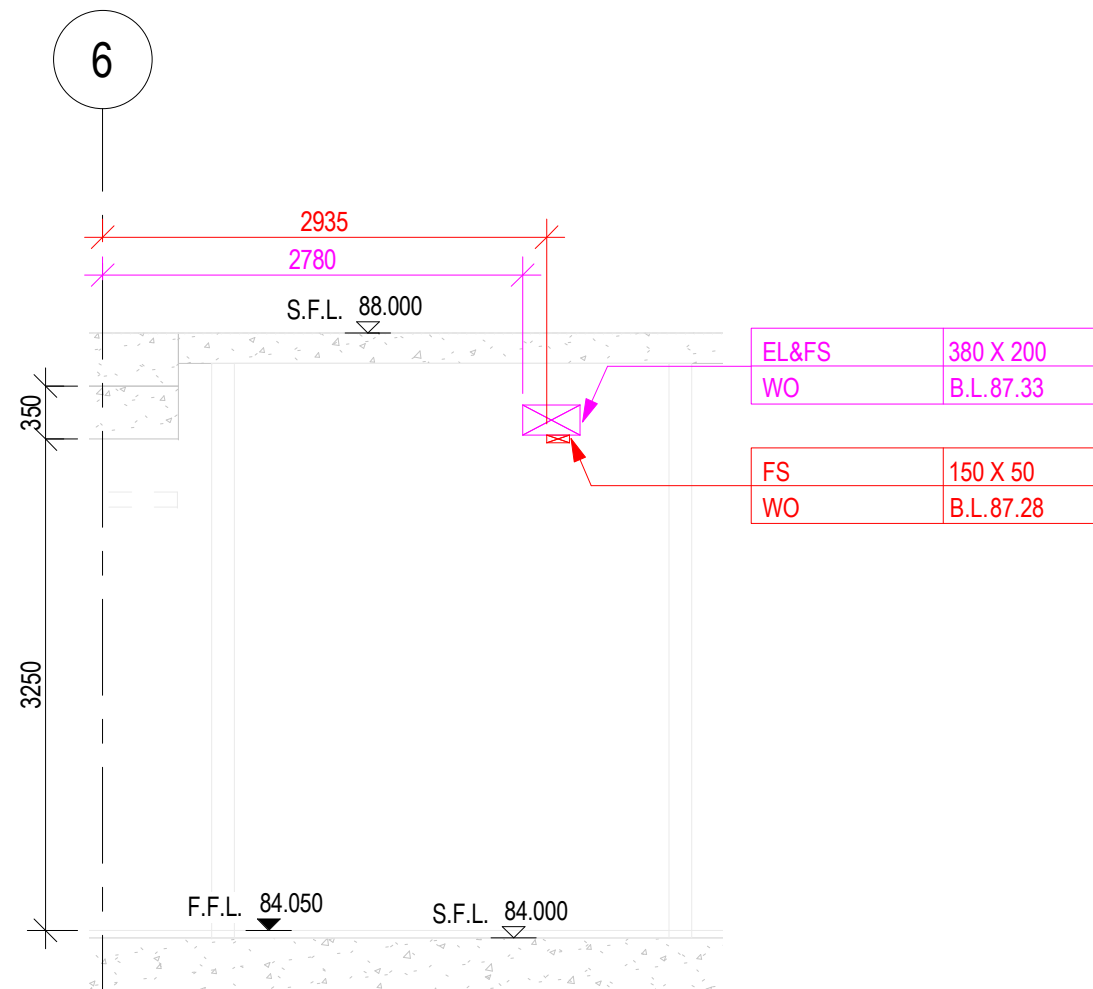
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MEP-SP07-HVCE-CB1046



B75 SECTION B75
MEP-SP07-HVCE-CB1046



B73 SECTION B73
MEP-SP07-HVCE-CB1046



B71 SECTION B71
MEP-SP07-HVCE-CB1046

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE SERVICES
B. - DRAINAGE SERVICES
C. - ELECTRICAL SERVICES
D. - FIRE SERVICES
E. - PLUMBING SERVICES
F. - HVAC SERVICES
G. - KITCHEN SERVICES
H. - SEATING AREA
I. - SLAB OPENING
J. - FLOOR BEAM OPENING
K. - HATCH BEAM
L. - RECESSES
M. - OPENING SIZE (W X H)
N. - BOTTOM LEVEL
O. - CENTER LEVEL OF PIPE SLEEVE
P. - ALL OPENING AT PRECAST FACADE REFER TO C/DWD FOR PRECAST FACADE PANEL
Q. - ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-006F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 39 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

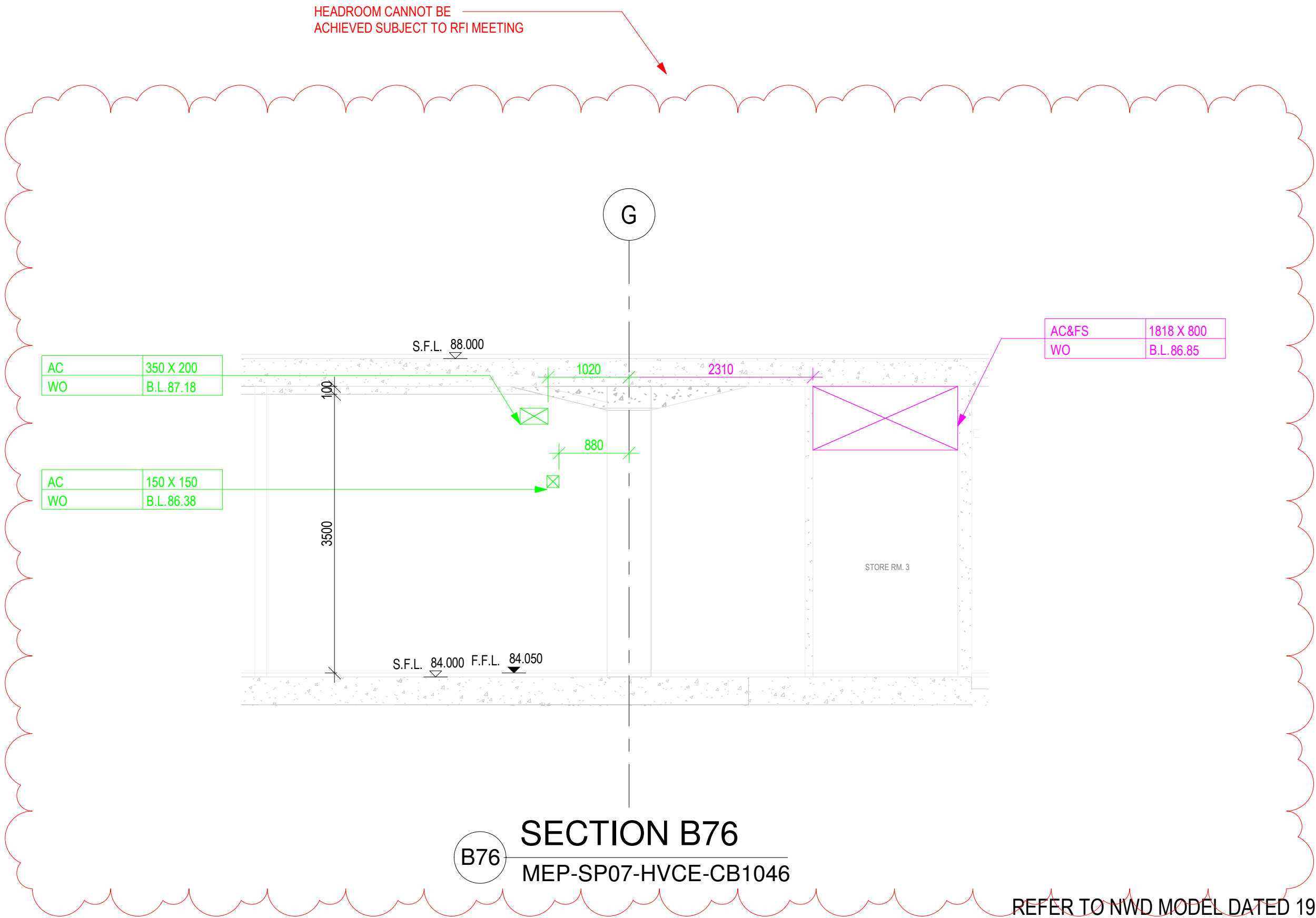
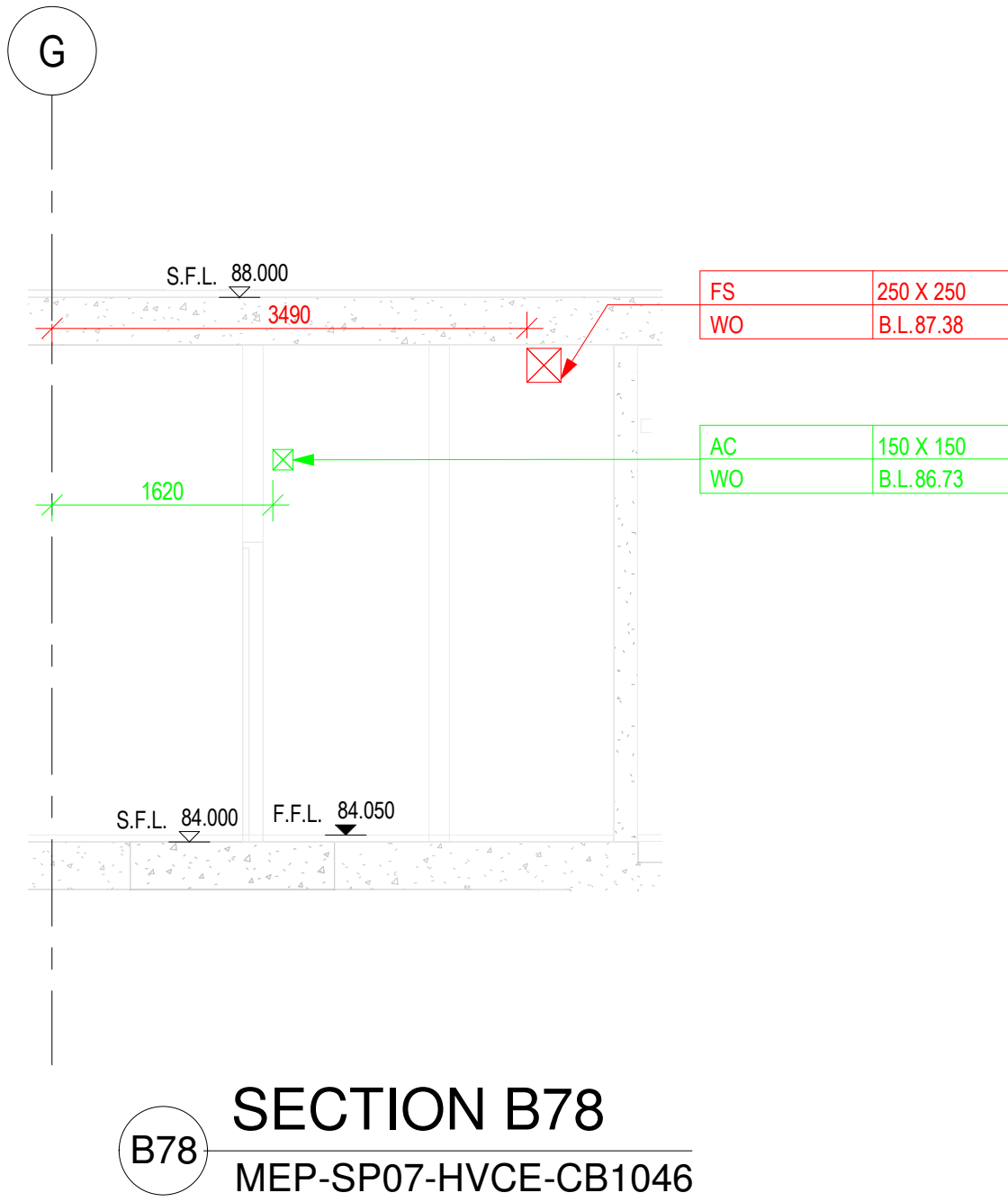
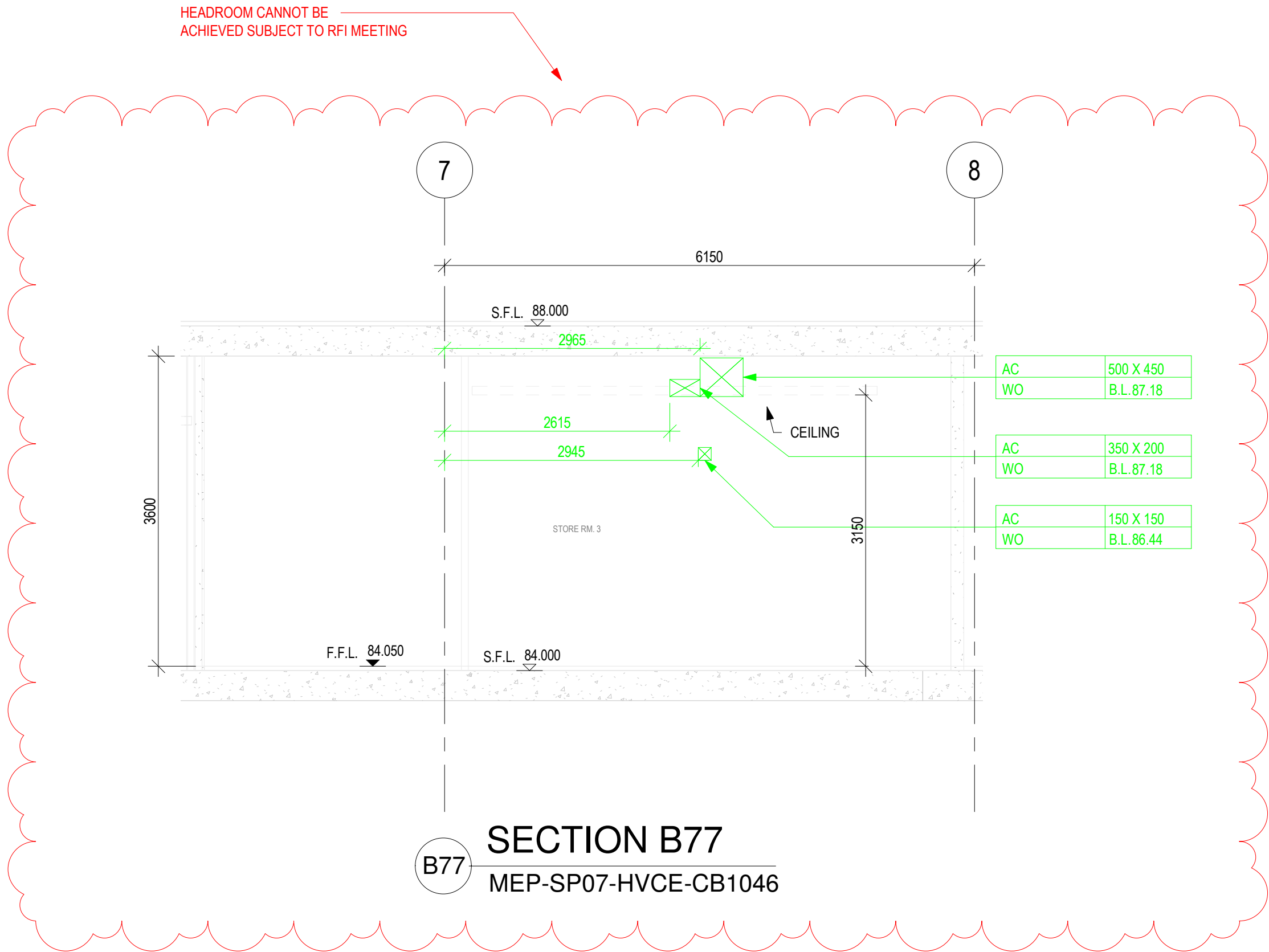
DATE 19-07-2018

DRAWING NO.

REV

MEP-SP07-HVCE- CB2589

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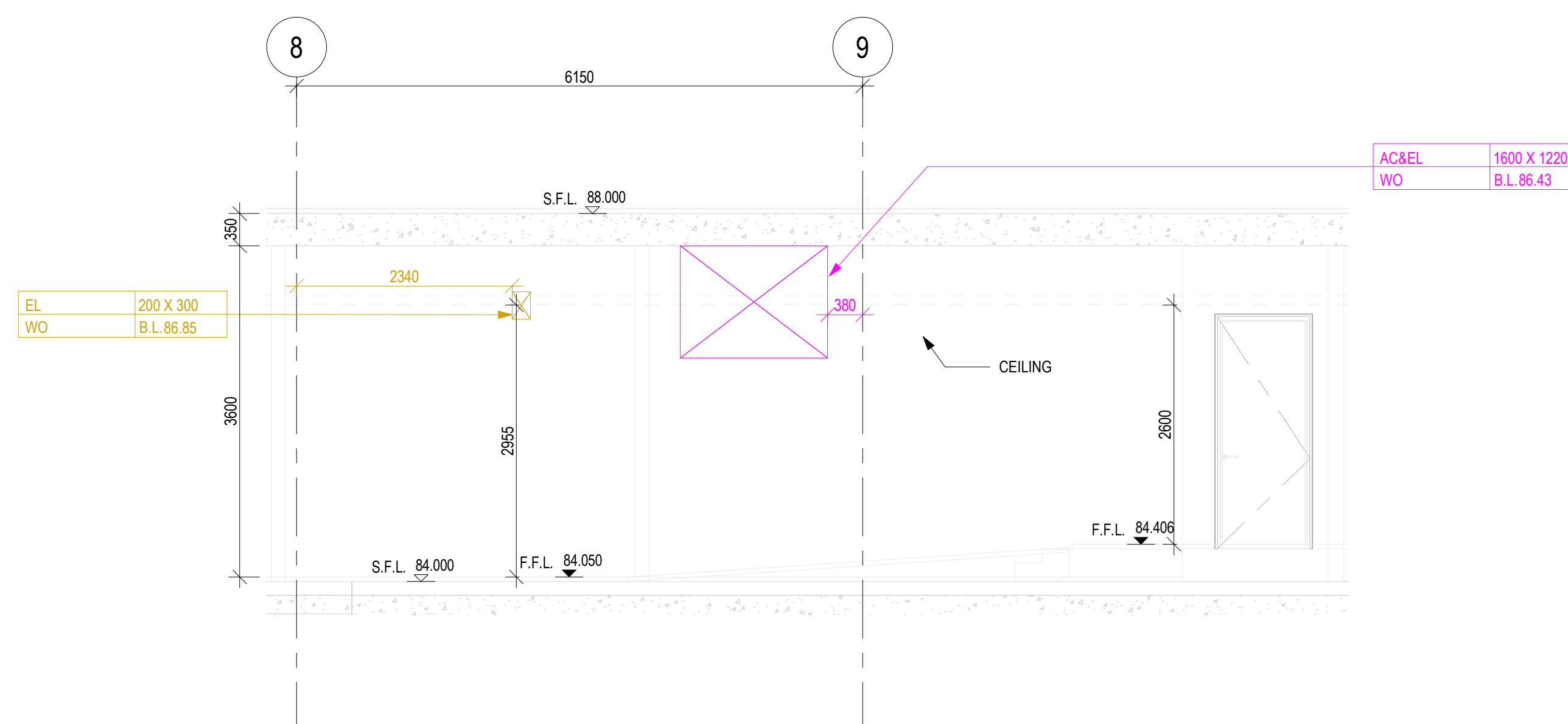


REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

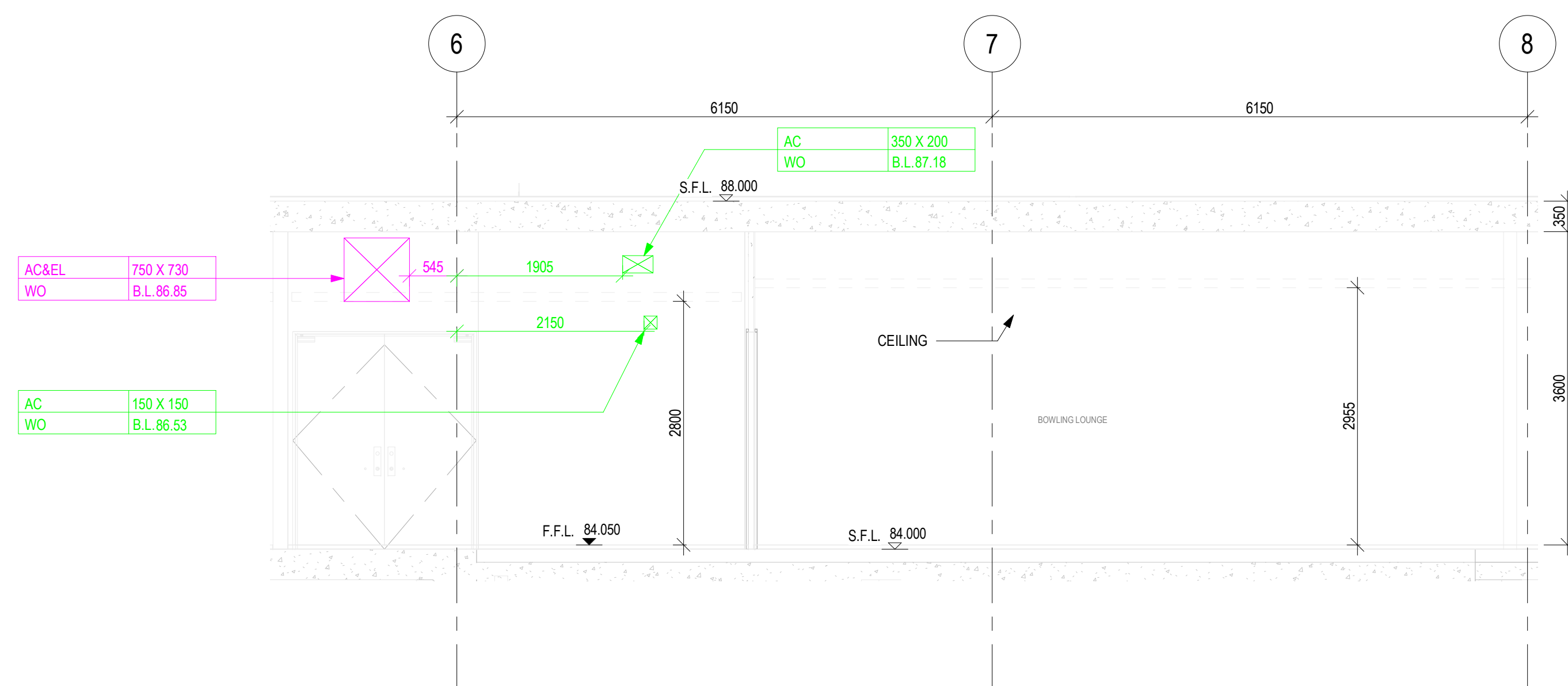
B.D.REFERENCE			
F.S.D.REFERENCE			
KEYPLAN DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.			
NOTES 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL. 3. A. AC - ELECTRICAL SERVICES B. DR - DRAINAGE SERVICES C. FS - FIRE SERVICES D. PL - PLUMBING SERVICES E. WO - WALL OPENING F. SLAB OPENING G. FLOOR BEAM OPENING H. HAUNCH BEAM I. RIGID JOINT J. OPENING SIZE (W X H) K. BOTTOM LEVEL L. CENTER LEVEL OF PIPE SLEEVE M. ALL OPENING AT PRECAST FACADE REFER TO CBWD FOR PRECAST FACADE PANEL. N. ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 40MM.			
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			
TRADE	DWG. NO.	REV.	
ARCH	2016 (AI-185)	4	
STR	L801 (AI-047)	D	
HVAC	2502303A-AO-212 (AI-114)	B	
FS	2502303A-FS-211 (AI-114)	C	
PL	2502303A-PL-211 (AI-140)	B	
DR	2502303A-DR-212 (AI-140)	B	
GAS	TC-SH-ICE-DOOF	-	
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-	
EL(POWER)	2502303A-EL-312 (AI-114)	C	
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C	
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C	
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A	
SERVICES PROVIDE			
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255		
STRUCTURE (STR)	COLOUR CODE: 128 128 128		
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0		
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255		
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0		
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0		
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255		
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0		
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255		
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0		
COMBINED OPENING	COLOUR CODE: 255 0 255		
CLIENT			
DESIGN ARCHITECT			
EXECUTIVE ARCHITECT			
STRUCTURAL & GEOTECHNICAL ENGINEER			
M&E CONSULTANT			
MAIN CONTRACTOR			
SUB-CONTRACTOR			
PROJECT			
DRAWING TITLE COMBINED BUILDER'S WORK DRAWING MAIN BUILDING 8/F SECTIONS SHEET 40 OF 66			
DRAWN			
CHECKED			
SCALE 1 : 50 @ A1 DATE 19-07-2018			
DRAWING NO. MEP-SP07-HVCE-CB2590 REV -			

HEADROOM CANNOT BE _____
ACHIEVED SUBJECT TO RFI MEETING



SECTION B80
MEP-SP07-HVCE-CB1046

HEADROOM CANNOT BE _____
ACHIEVED SUBJECT TO RFI MEETING

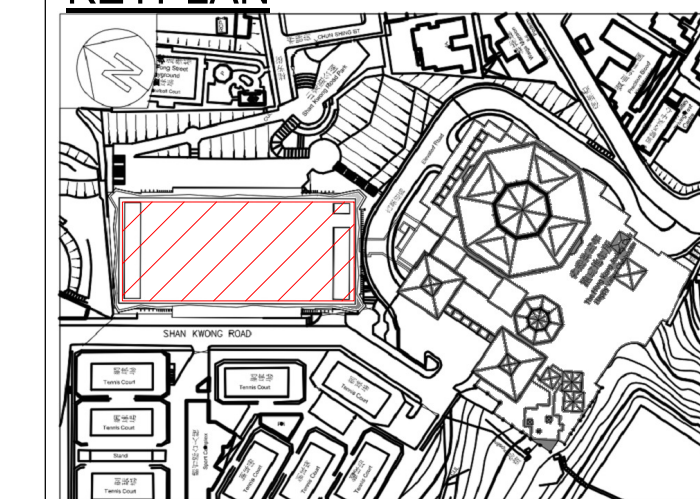


SECTION B79
MEP-SP07-HVCE-CB1046

	B.D.REFERENCE
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F.S.D.REFERENCE

KEYPLAN



DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. CENTER LINE OF "A", HIGH RISE, IS BOTTOM LEVEL. "L" IS LOW LEVEL.
3. A.
A. HVAC SERVICES
B. DRAINAGE SERVICES
C. ELECTRICAL SERVICES
D. ELEVATOR SERVICES
FINS - FINS SERVICES
F. FIRE SERVICES
P. PLUMBING SERVICES
W. WALL OPENING
S. SLAB OPENING
B. FLOOR BEAM OPENING
H. HANGING BEAM
R. RECESS
OPENING SIZE (W X H)
B. BOTTOM LEVEL
Q. CENTER LEVEL OF PIPE SLEEVE

5. ALL OPENING AT PRECAST FACADE REFER TO CBWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR P&D INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			REV
TRADE	DWG. NO.		
	2016 (AI-185)		4
STR	1801 (AI-147)		D
HVAC	2502033A-AC-212 (AI-114)		B
FS	2502033A-FS-212 (AI-114)		C
PL	2502033A-PL-211 (AI-140)		B
DR	2502033A-DR-212 (AI-140)		B
GAS	TC-SHRCE-006F		-
EL(LIGHTING)	2502033A-EL-211 (AI-107)		-
EL(POWER)	2502033A-EL-312 (AI-107)		C
EL(CABLE CONTAINMENT)	2502033A-EL-312 (AI-140)		C
EL(VELY & CABLE CONTAINMENT)	2502033A-ELV-212 (AI-114)		C
SEC(SECURITY)	2502033A-SEC-212 (AI-114)		A

SERVICES PROVIDE		CLOUR CODE NO:
	ARCHITECTURE (ARCH)	CLOUR CODE: 255 255 255
	STRUCTURE (STR)	CLOUR CODE: 128 128 128
	HVAC SERVICES (AC)	CLOUR CODE: 0 255 0
	DRAINAGE SERVICES (DR)	CLOUR CODE: 0 0 255
	ELECTRICAL SERVICES (EL)	CLOUR CODE: 210 160 0
	ELECTRICAL SERVICES (ELV)	CLOUR CODE: 128 0 0
	GAS SERVICES (GAS)	CLOUR CODE: 128 0 255
	FIRE SERVICES (FS)	CLOUR CODE: 255 0 0
	PLUMBING SERVICES (PL)	CLOUR CODE: 0 255 255
	KITCHEN SERVICES (KE)	CLOUR CODE: 255 128 0
	COMBINED OPENING	CLOUR CODE: 255 0 255

-	1ST CBWD SUBMISSION	19-07-2018	
REV	DESCRIPTION	DATE	INIT

REV	DESCRIPTION	DATE	INT
-	DO NOT SCALE DRAWINGS.		
-	ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.		

DESIGN ARCHITECT

EXECUTIVE
ARCHITECT

STRUCTURAL & GEOTECHNICAL
ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR	
-----------------	--

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 41 OF 66

DRAWN

CHECKED

SCALE	1:50	@ A1	DATE	
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DATE	11/09	BY	DAVE	
DRAWING NO.				

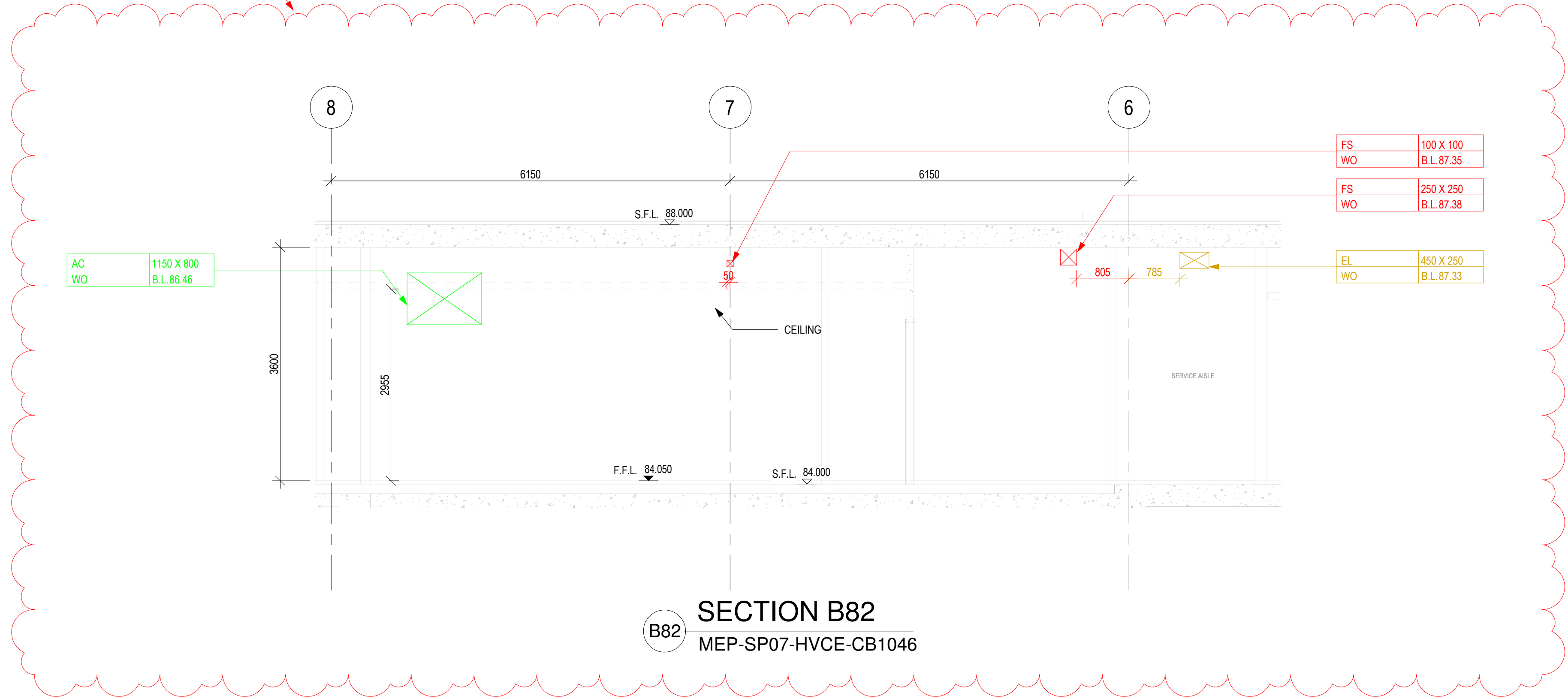
MFP-SP07-HVCF-CB2591

MET 01 07 THREE 002001

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

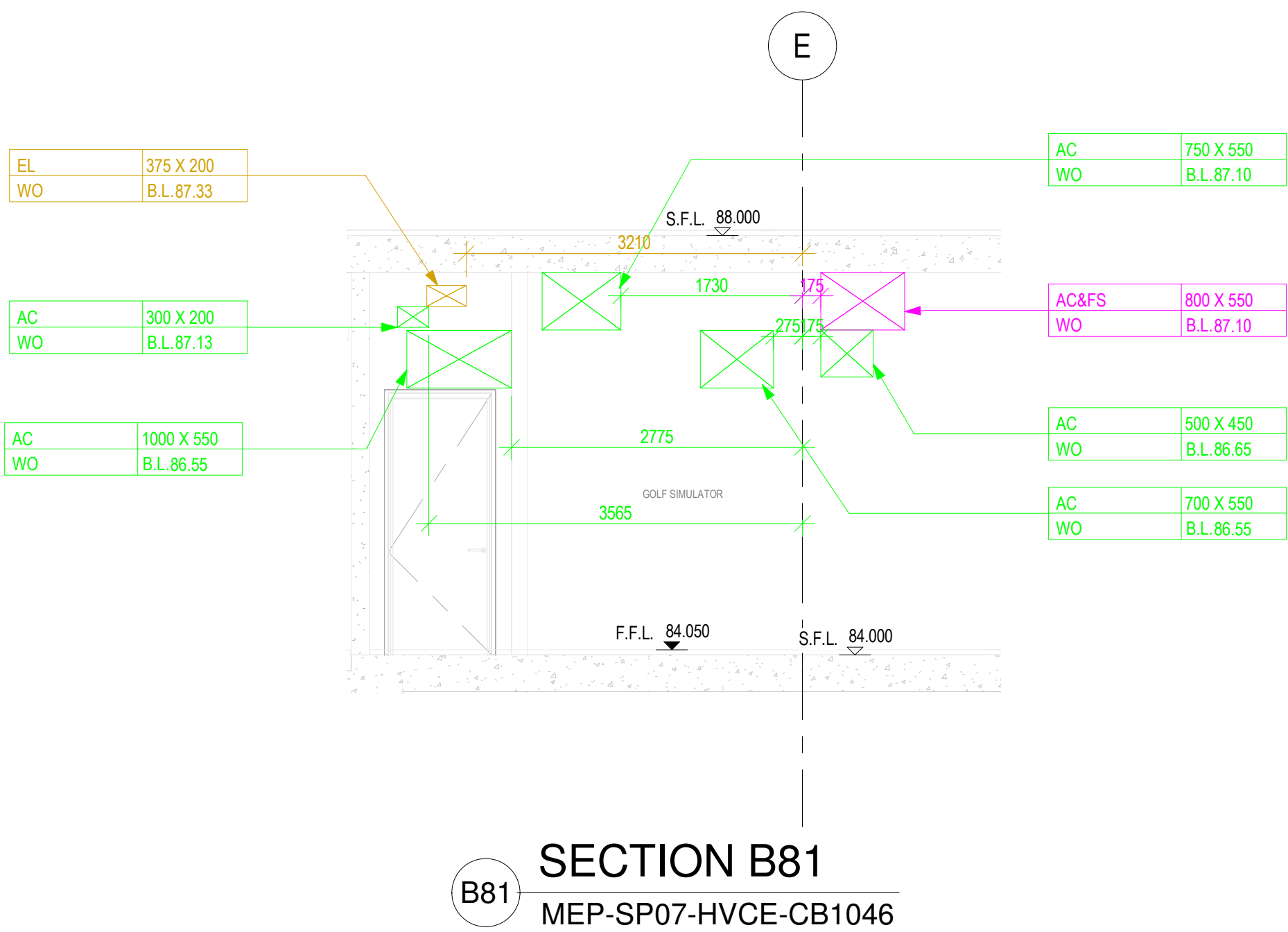
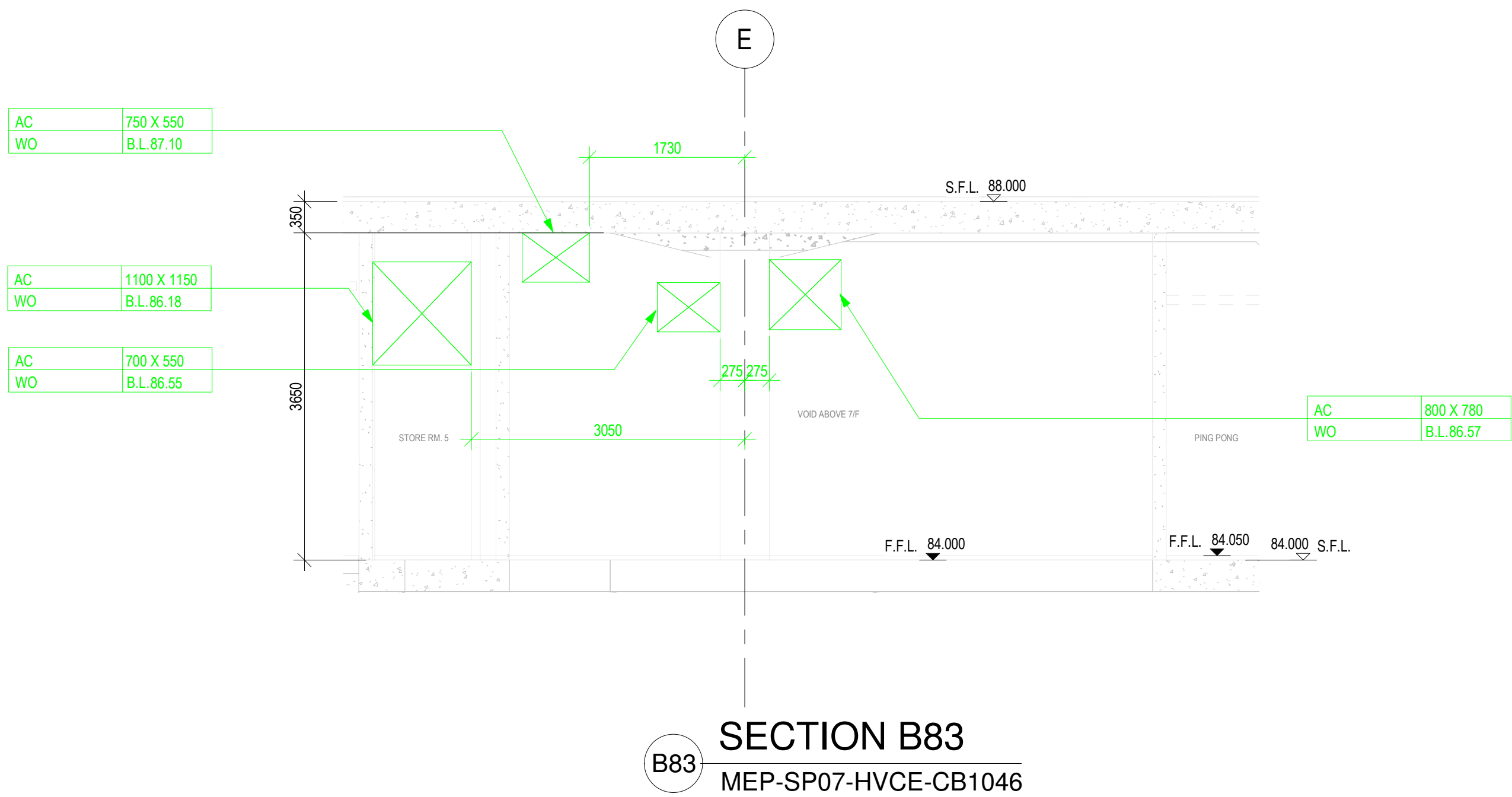
COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURAL SERVICES
B. - ELECTRICAL SERVICES
C. - PLUMBING SERVICES
D. - GAS SERVICES
E. - FIRE SERVICES
F. - KITCHEN SERVICES
G. - HVAC SERVICES
H. - DRAINAGE SERVICES
I. - ELV SERVICES
J. - PING PONG SERVICES
K. - VOID ABOVE T/F
L. - SLAB OPENING
M. - FLOOR BEAM OPENING
N. - HATCH BEAM
O. - HATCHES
P. - OPENING SIZE (W X H)
Q. - BOTTOM LEVEL
R. - CENTER LEVEL OF PIPE SLEEVE
S. ALL OPENING AT PRECAST FACADE REFER TO CDMO FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-006F (AI-107)	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

COLOUR CODE	NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 42 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

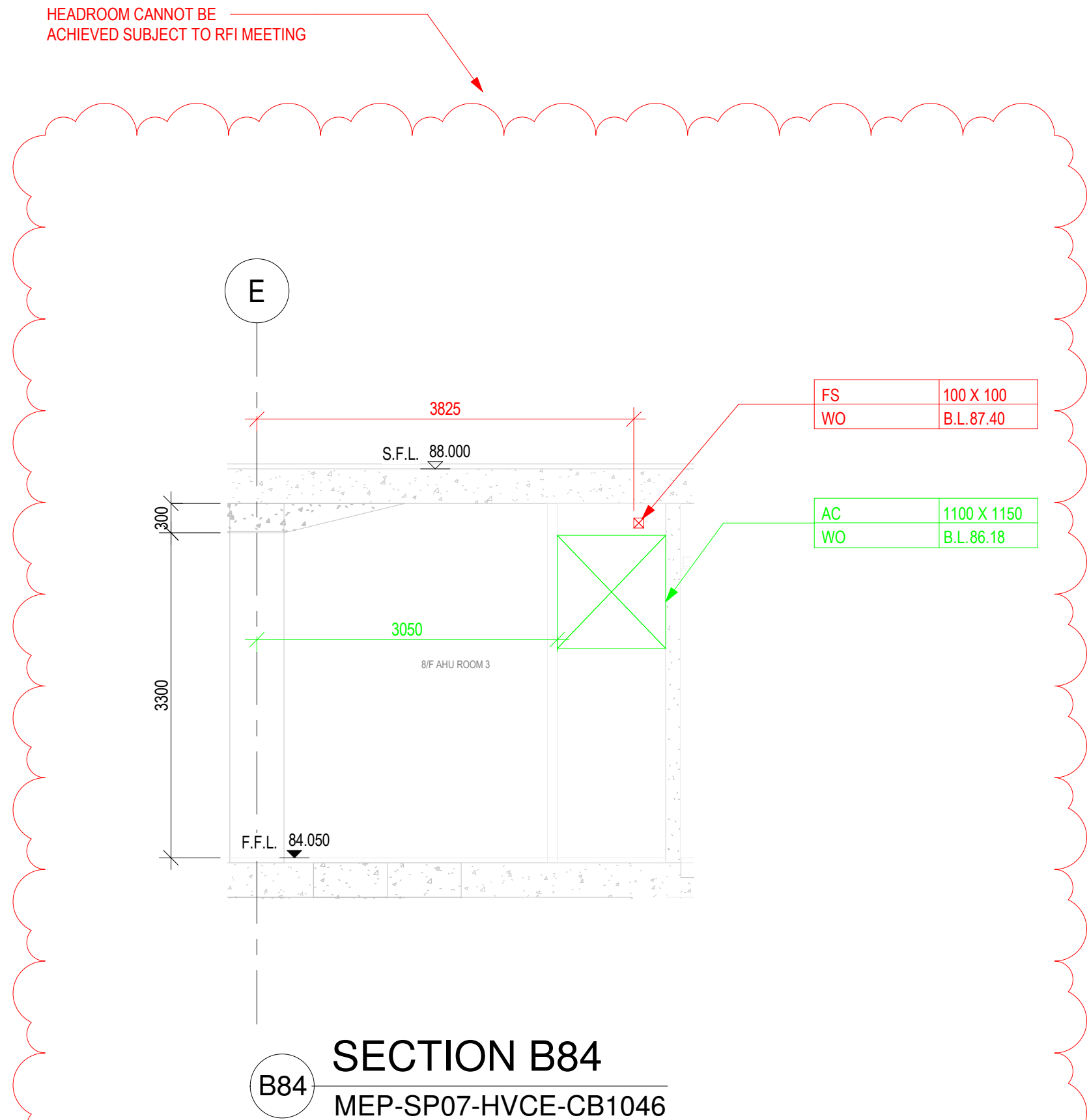
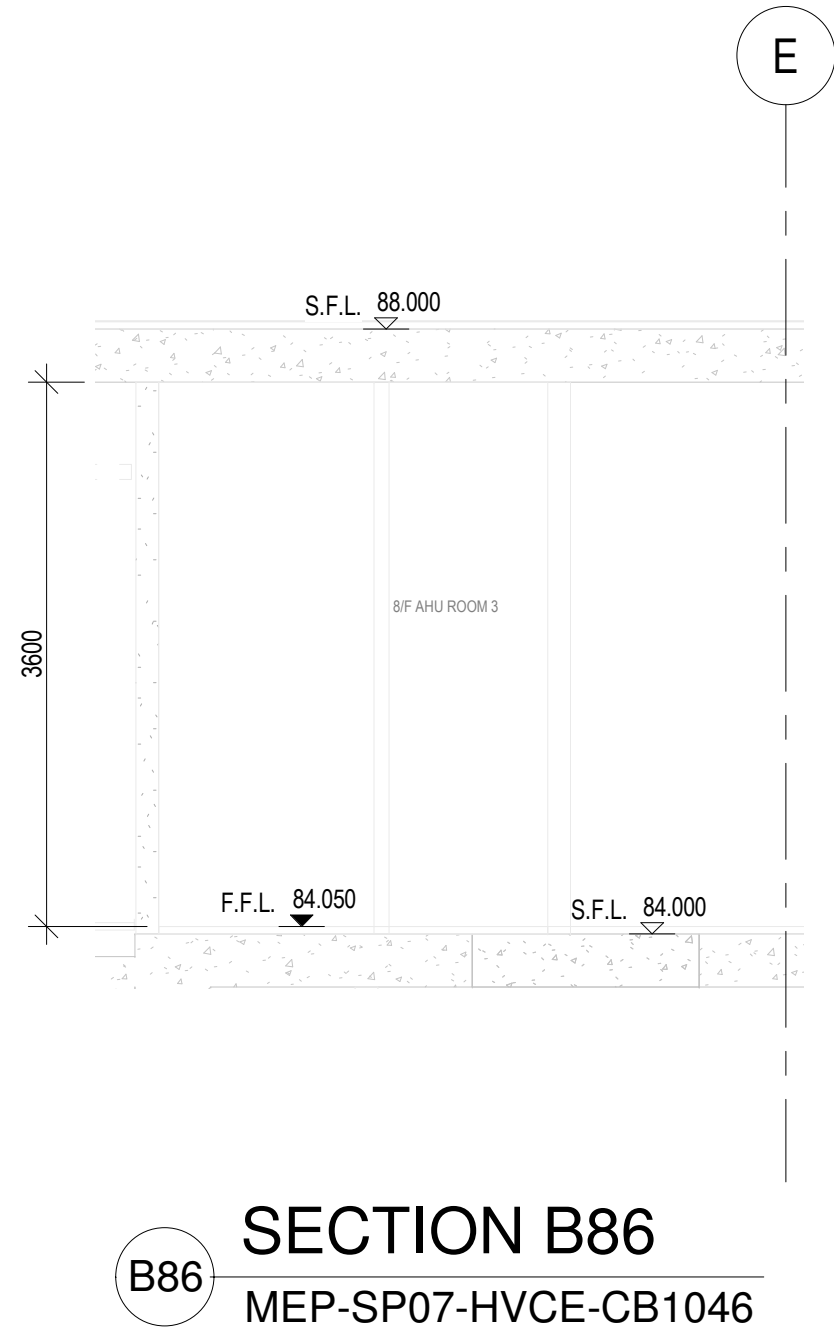
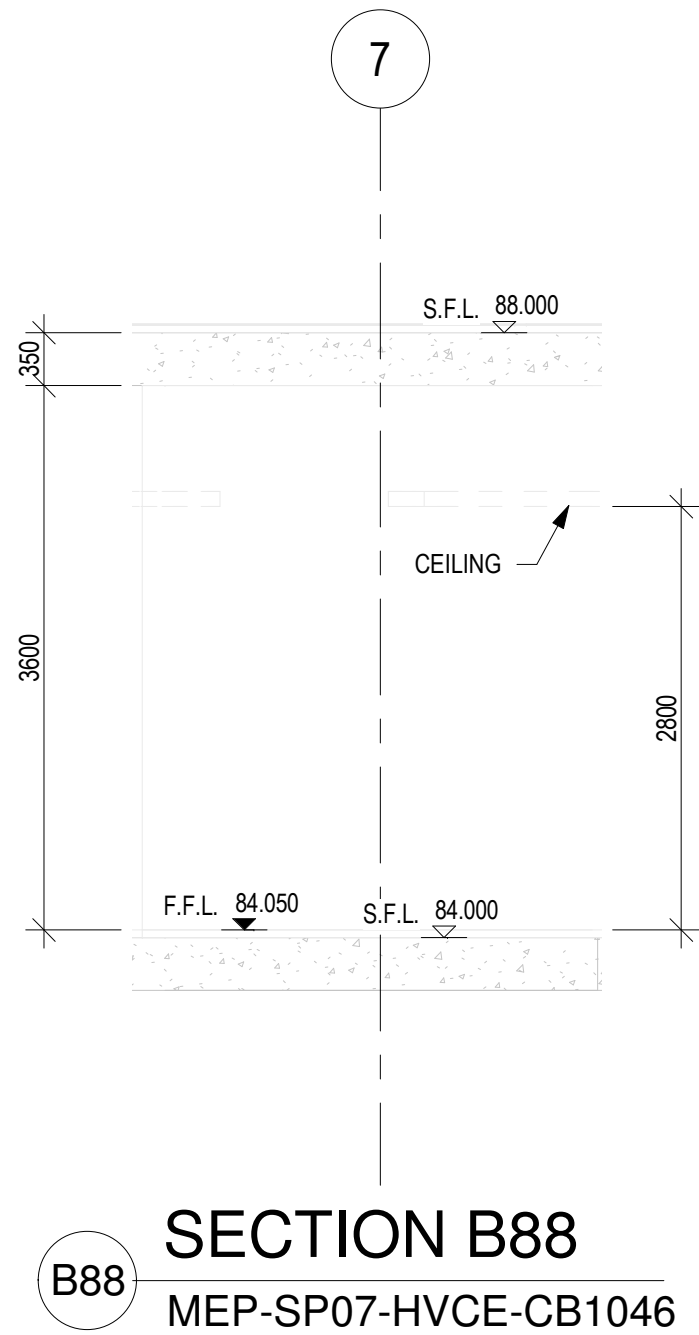
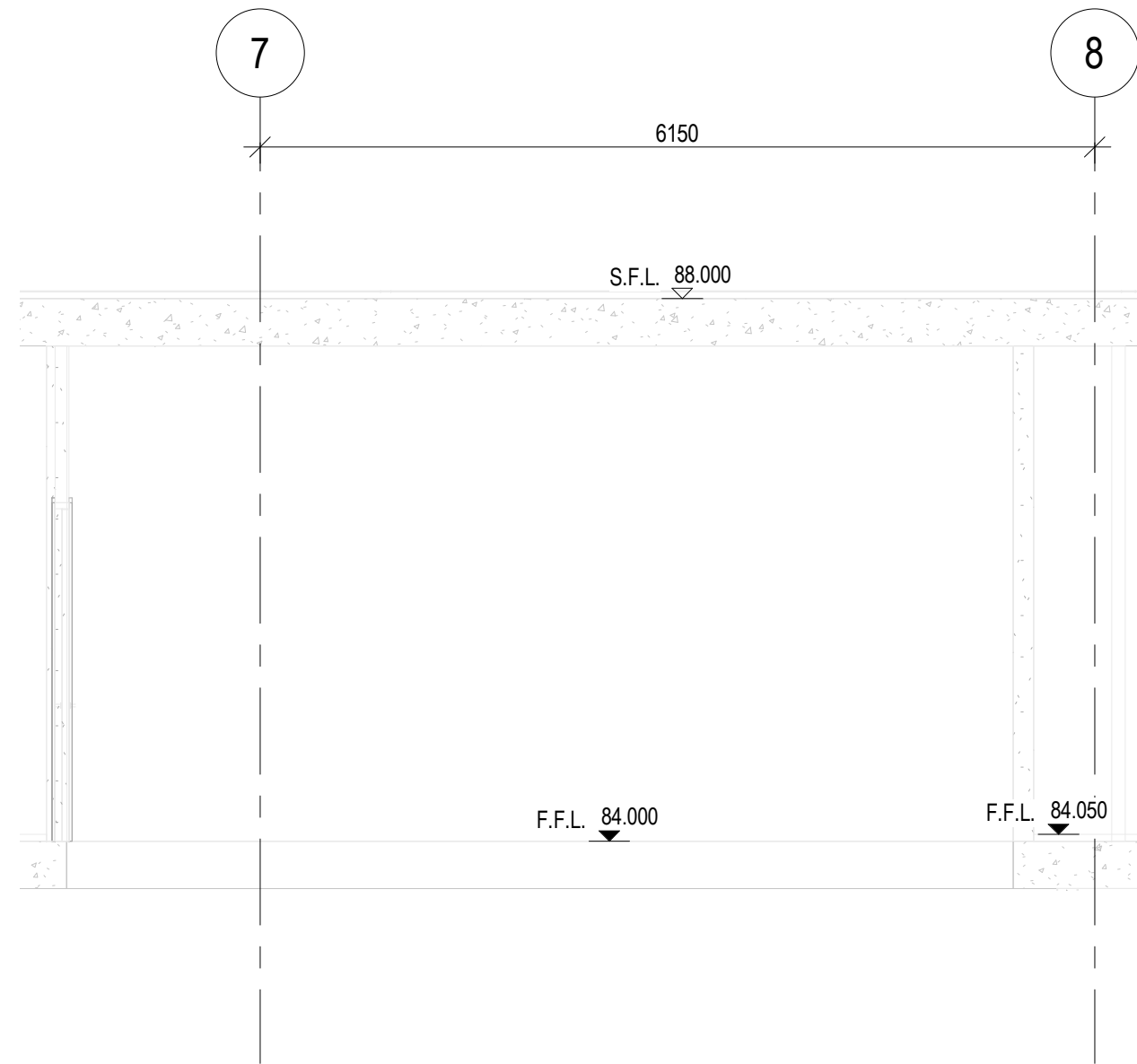
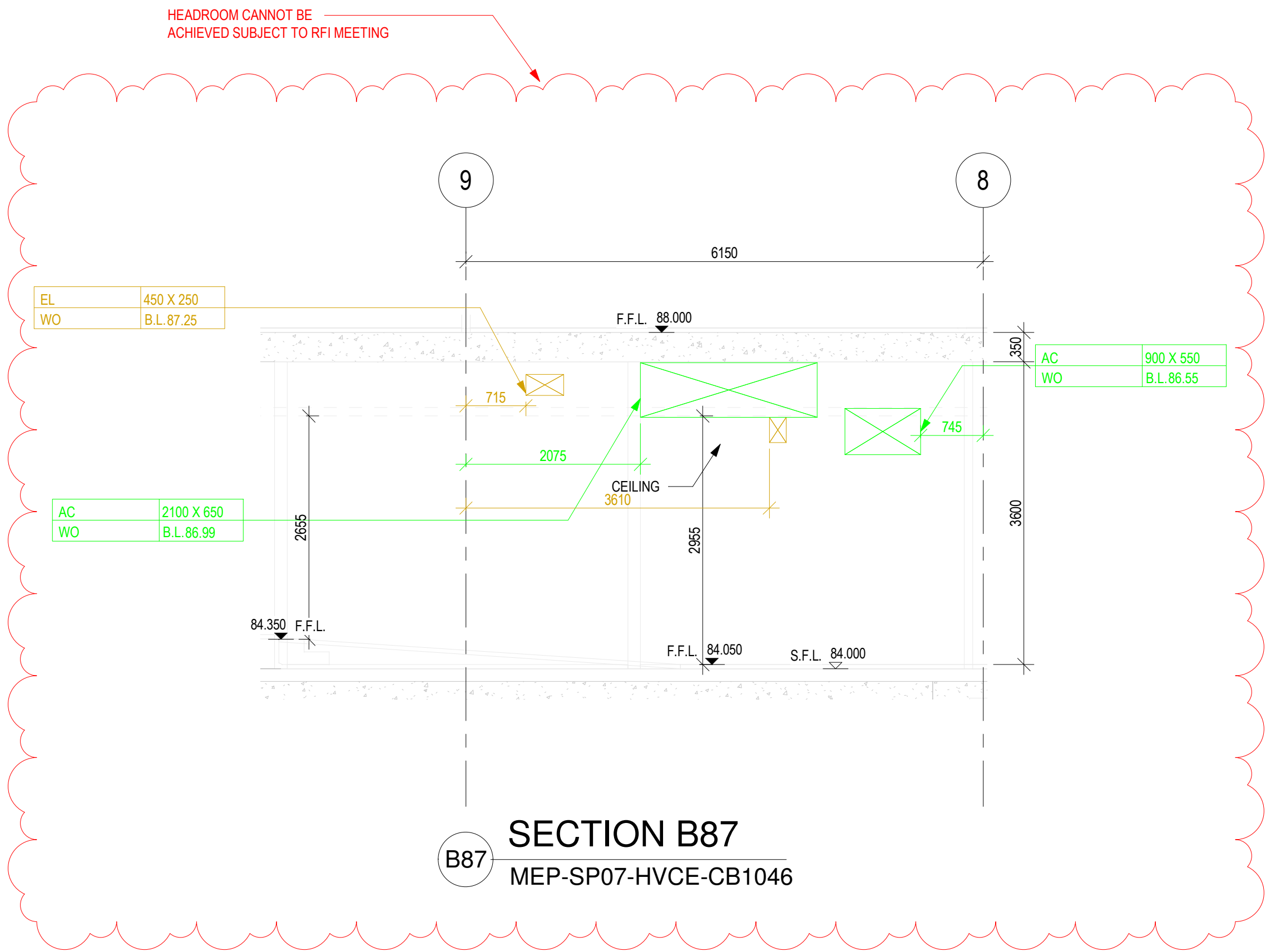
DATE 19-07-2018

DRAWING NO.

REV

MEP-SP07-HVCE-CB2592

-



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE (ARCH)
B. - STRUCTURE (STR)
C. - HVAC SERVICES (AC)
D. - DRAINAGE SERVICES (DR)
E. - ELECTRICAL SERVICES (EL)
F. - FIRE SERVICES (FS)
G. - PLUMBING SERVICES (PL)
H. - KITCHEN SERVICES (KE)
I. - COMBINED OPENING
J. - OPENING SIZE (W X H)
K. - BOTTOM LEVEL
L. - CENTER LEVEL OF PIPE SLEEVE
M. - ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
N. - ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

COLOUR CODE	NO.
ARCHITECTURE (ARCH)	255 255 255
STRUCTURE (STR)	128 128 128
HVAC SERVICES (AC)	0 255 0
DRAINAGE SERVICES (DR)	0 0 255
ELECTRICAL SERVICES (EL)	210 160 0
ELECTRICAL SERVICES (ELV)	128 0 0
GAS SERVICES (GAS)	128 0 255
FIRE SERVICES (FS)	255 0 0
PLUMBING SERVICES (PL)	0 255 255
KITCHEN SERVICES (KE)	255 128 0
COMBINED OPENING	255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 43 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE-CB2593

REV -

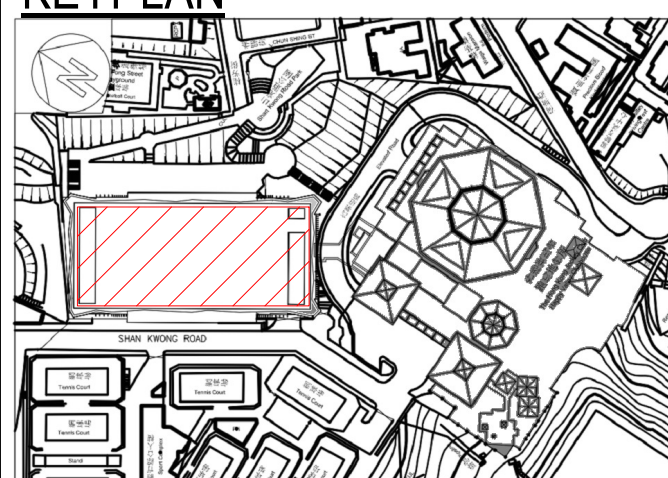


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D. REFERENCE

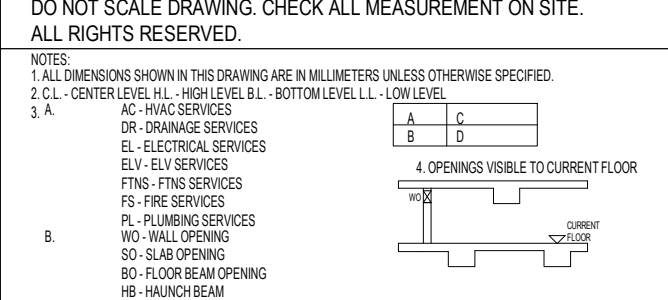
F.S.D. REFERENCE

KEY PLAN



DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. Z.L. - CENTER LEVEL - H.L. - HIGH LEVEL - B.L. - BOTTOM LEVEL - L.L. - LOW LEVEL.
3. A.
B.
C.
D.



THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV
ARCH	2018 (A1-185)	A
STR	L801 (A1-047)	D
HVAC	25023030A-AC-212 (A1-114)	B
FS	25023030A-FS-212 (A1-114)	C
PL	25023030A-PL-211 (A1-140)	B
DR	25023030A-DR-212 (A1-140)	B
GAS	TC-SHRCO-DOGF	-
ELU(LIGHTING)	25023030A-EL-211 (A1-107)	-
EL(POWER)	25023030A-EL-312 (A1-114)	C
EL(CABLE CONTAINMENT)	25023030A-EL-412 (A1-140)	C
EL(VELV & CABLE CONTAINMENT)	25023030A-ELV-212 (A1-114)	C
SEC(SEcurity)	25023030A-SEC-212 (A1-114)	A

SERVICES PROVIDE

COLOUR CODE NO:

ARCHITECTURE (ARCH)	COLOUR CODE NO: 255 255 255
STRUCTURE (STR)	COLOUR CODE NO: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE NO: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE NO: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE NO: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE NO: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE NO: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE NO: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE NO: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE NO: 255 128 0
COMBINED OPENING	COLOUR CODE NO: 255 0 255

1ST CWD SUBMISSION

DATE

19-07-2018

REV

DESCRIPTION

DATE

INIT

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 44 OF 66

DRAWN

CHECKED

SCALE

1 : 50 @ A1

DATE

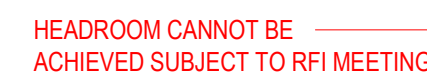
19-07-2018

DRAWING NO.

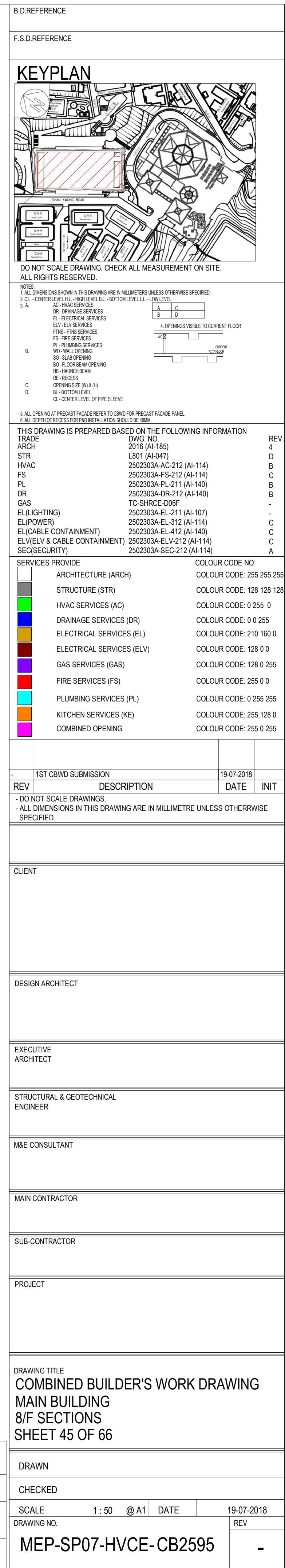
MEP-SP07-HVCE- CB2594

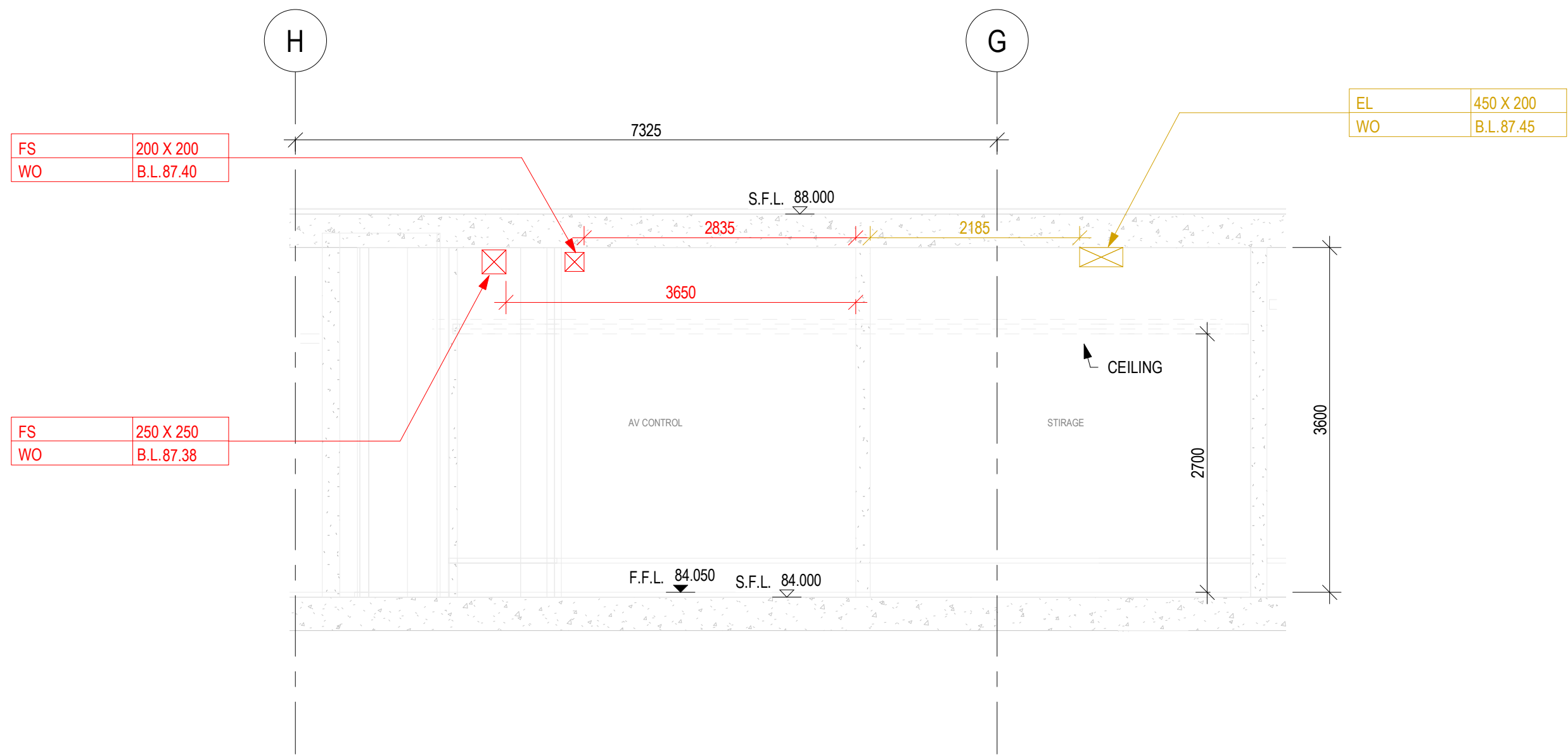
REV

-

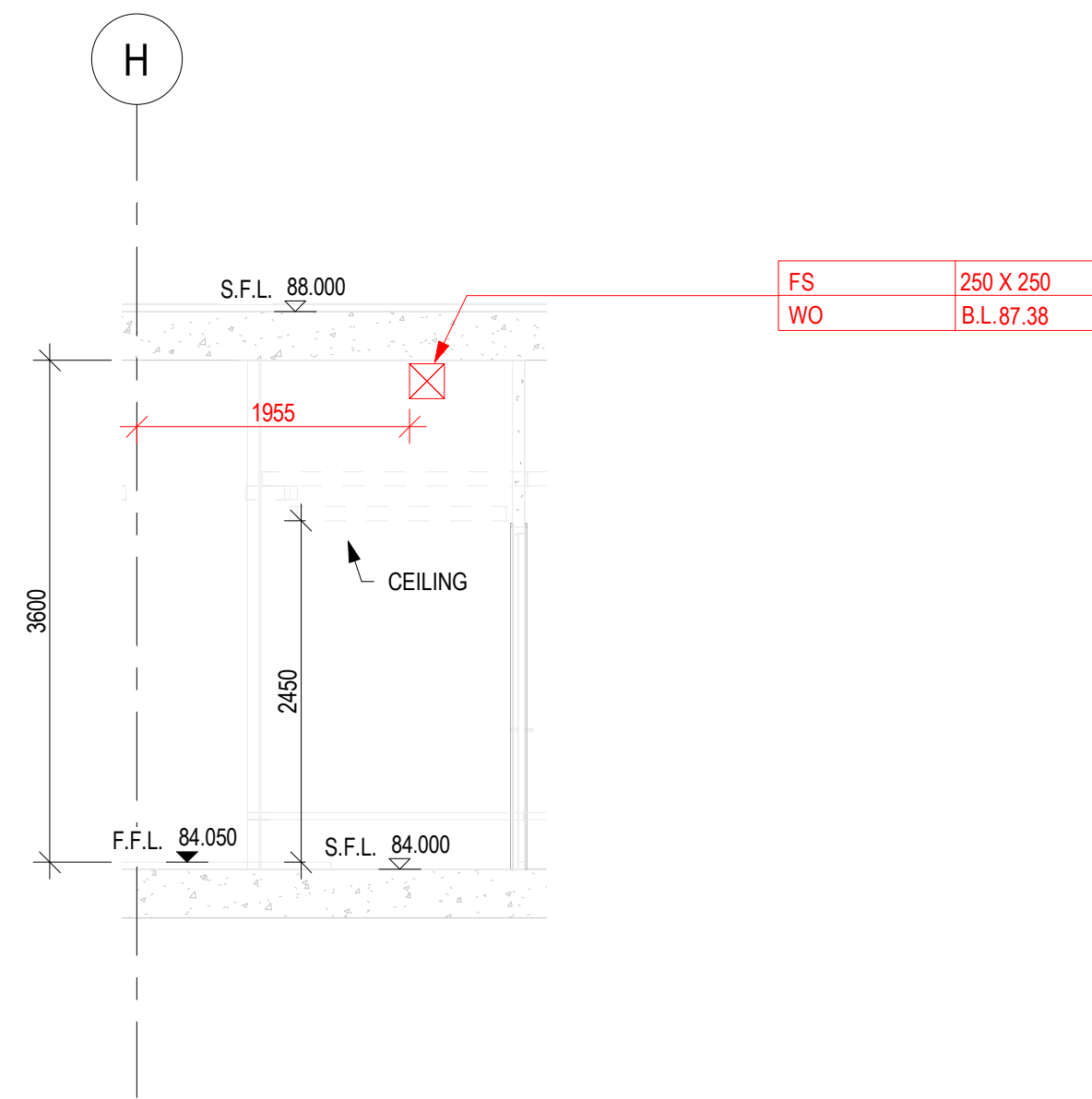


COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

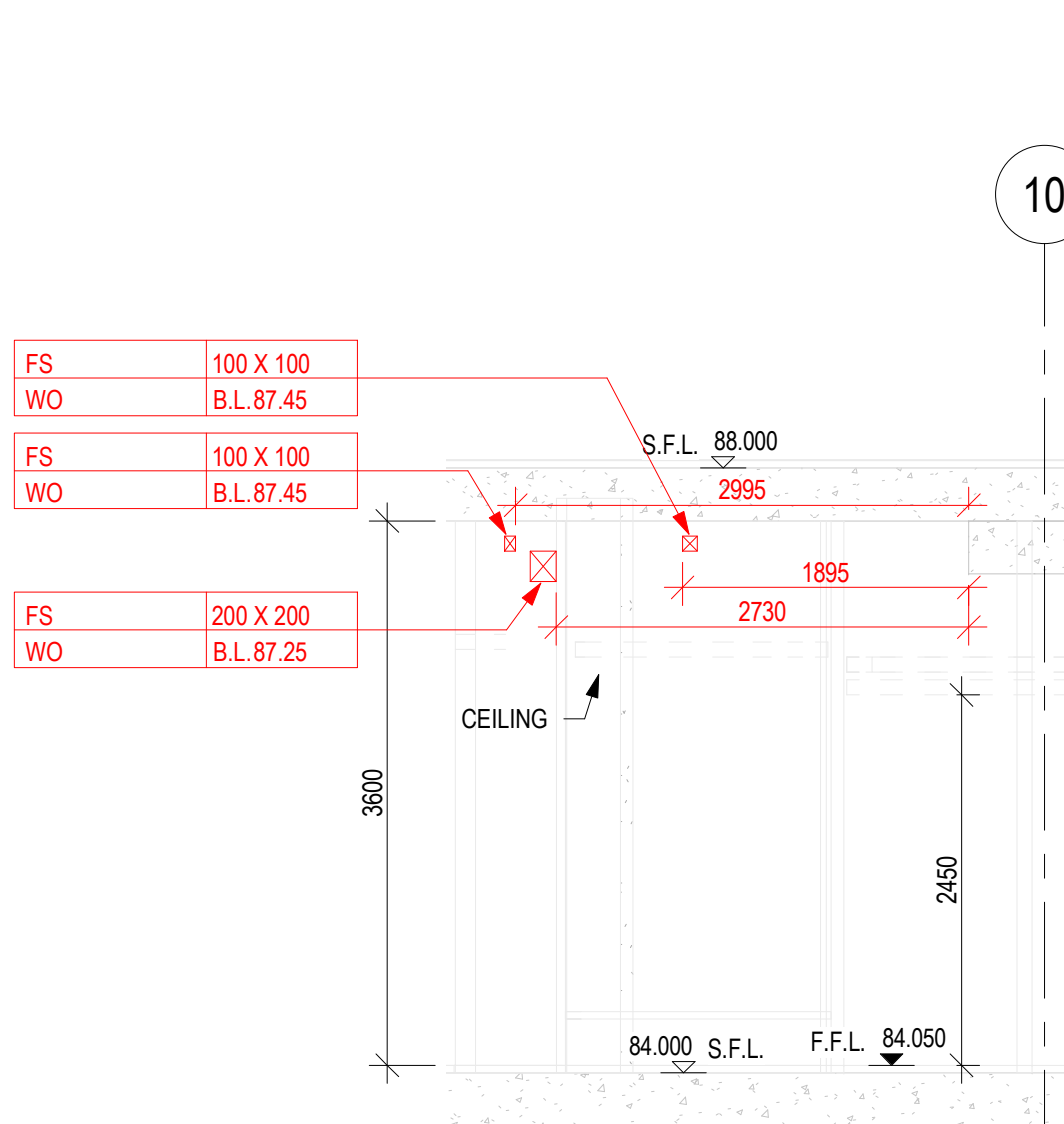




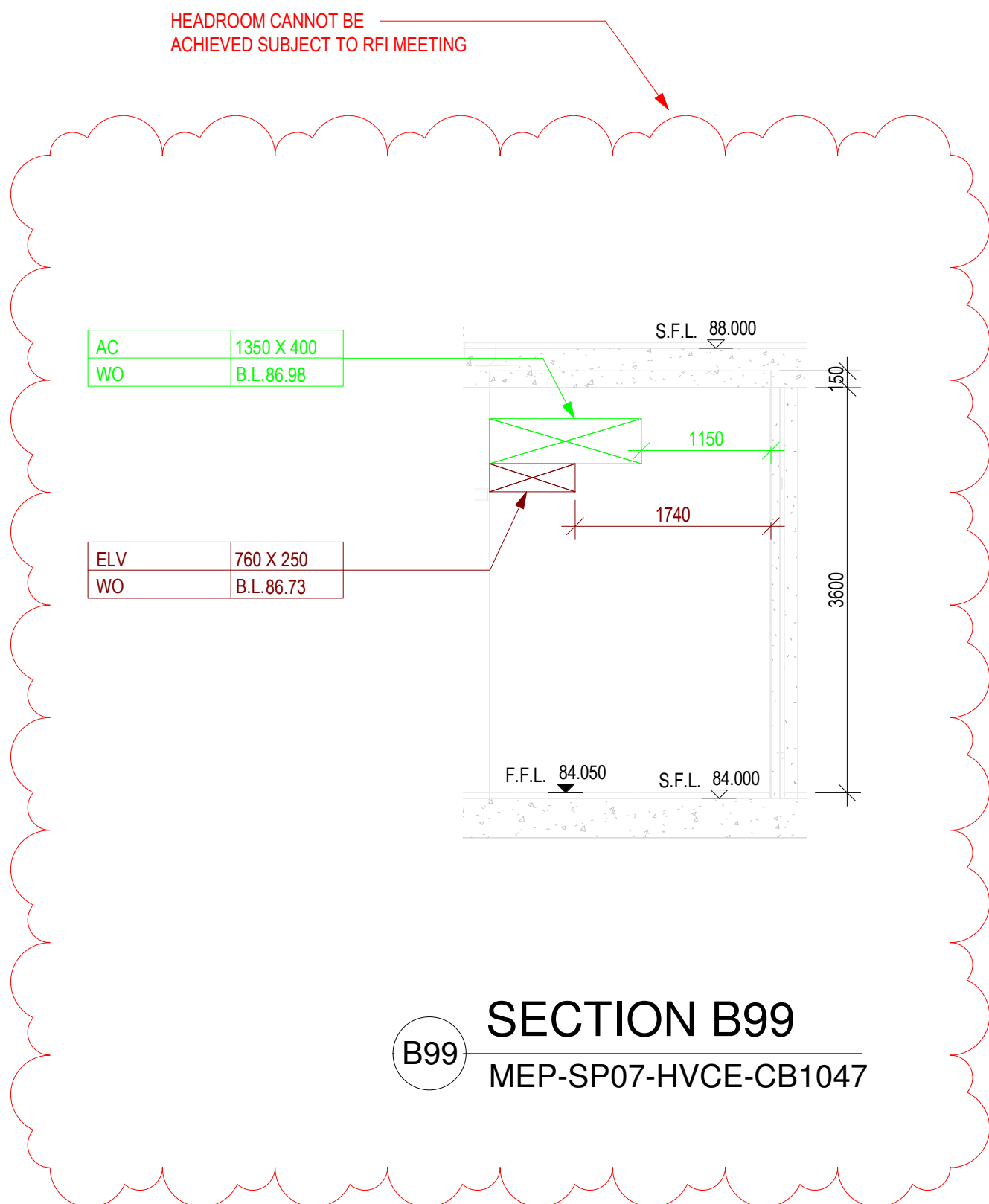
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MEP-SP07-HVCE-CB1047



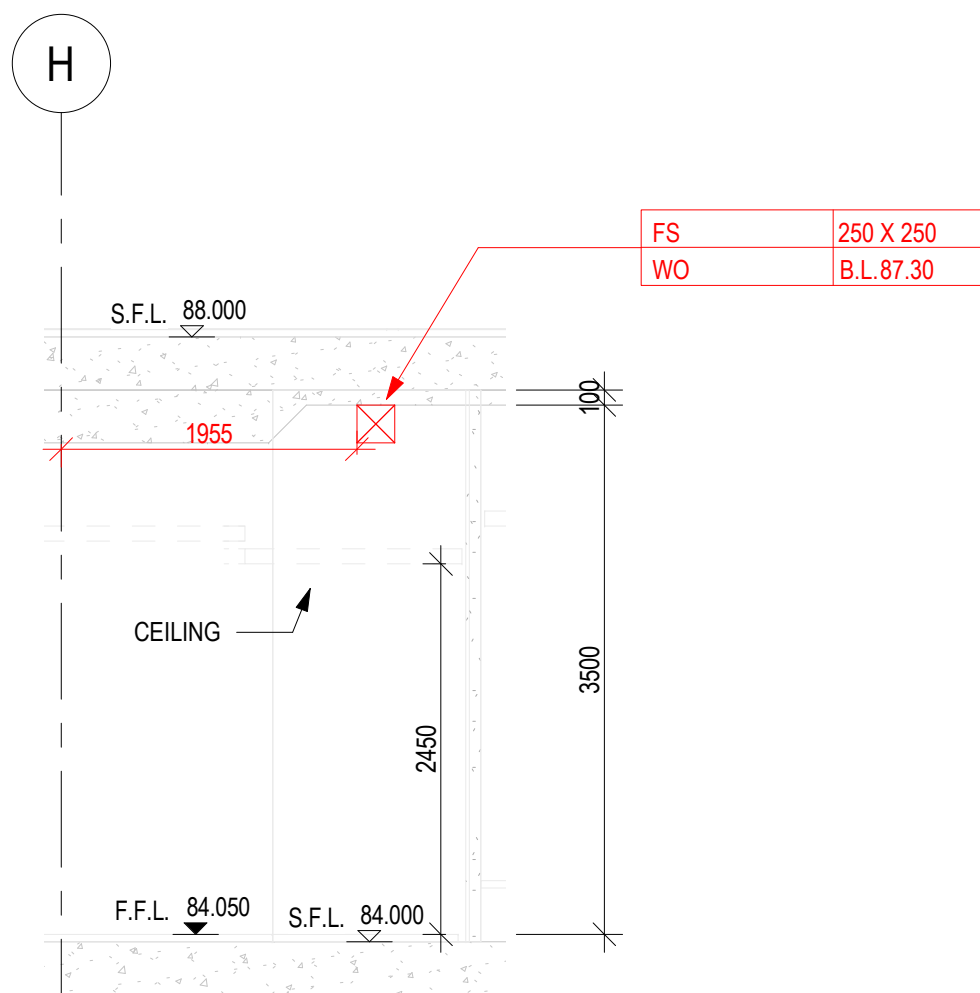
SECTION B98
MEP-SP07-HVCE-CB1047



SECTION B101
MEP-SP07-HVCE-CB1047



SECTION B99
MEP-SP07-HVCE-CB1047



SECTION B97
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR - DRAINAGE SERVICES
B. EL - ELECTRICAL SERVICES
C. ELV - ELEV SERVICES
D. FNG - FIRE SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. WO - WALL OPENING
H. SO - SLAB OPENING
I. SD - FLOOR BEAM OPENING
J. HB - HATCH BEAM
K. RS - RECESSES
L. OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. CL. - CENTER LEVEL OF PIPE SLEEVE
O. ALL OPENING AT PRECAST FACADE REFER TO CDMO FOR PRECAST FACADE PANEL
P. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-006F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 46 OF 66

DRAWN

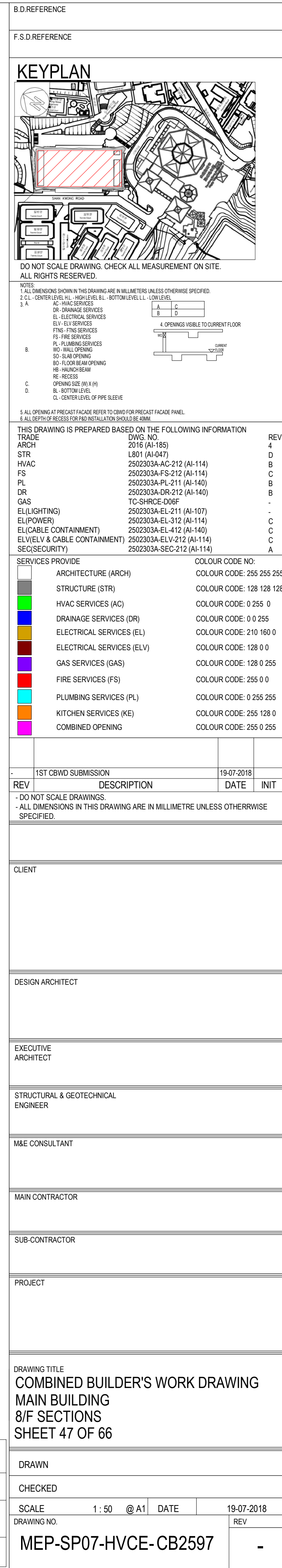
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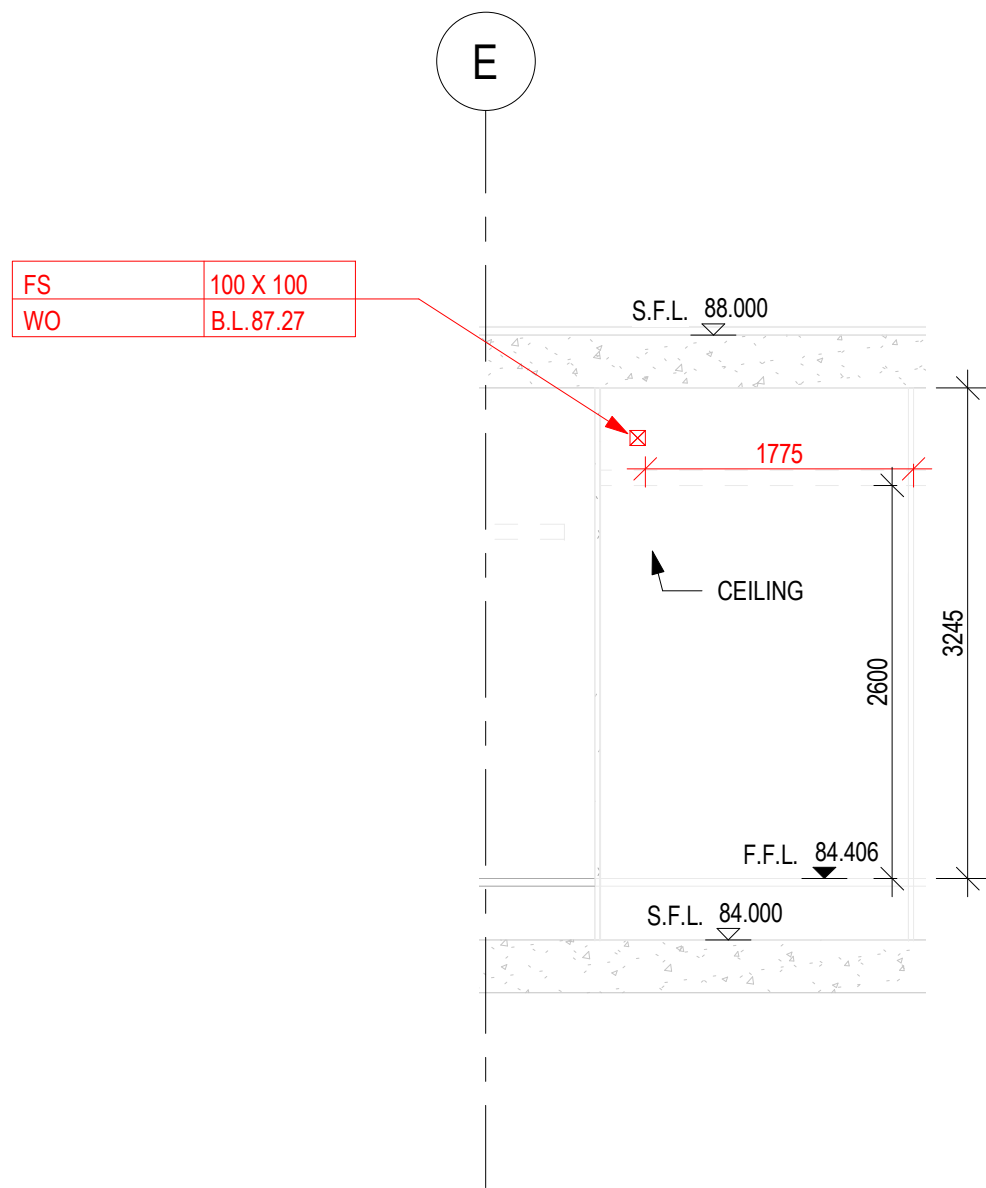
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MEP-SP07-HVCE-CB2596

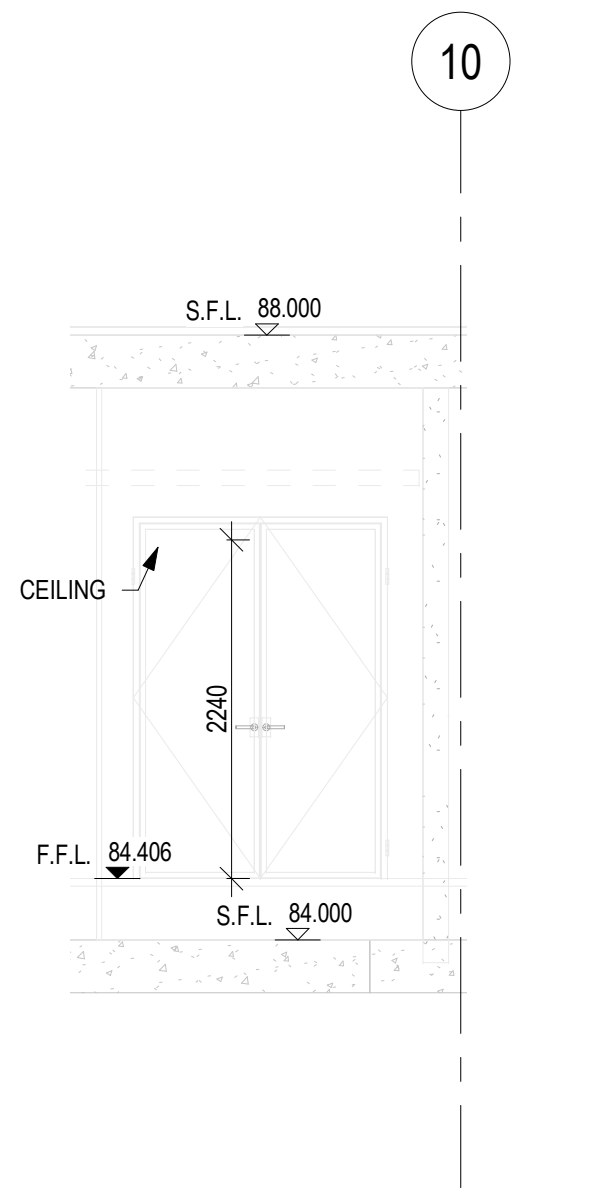
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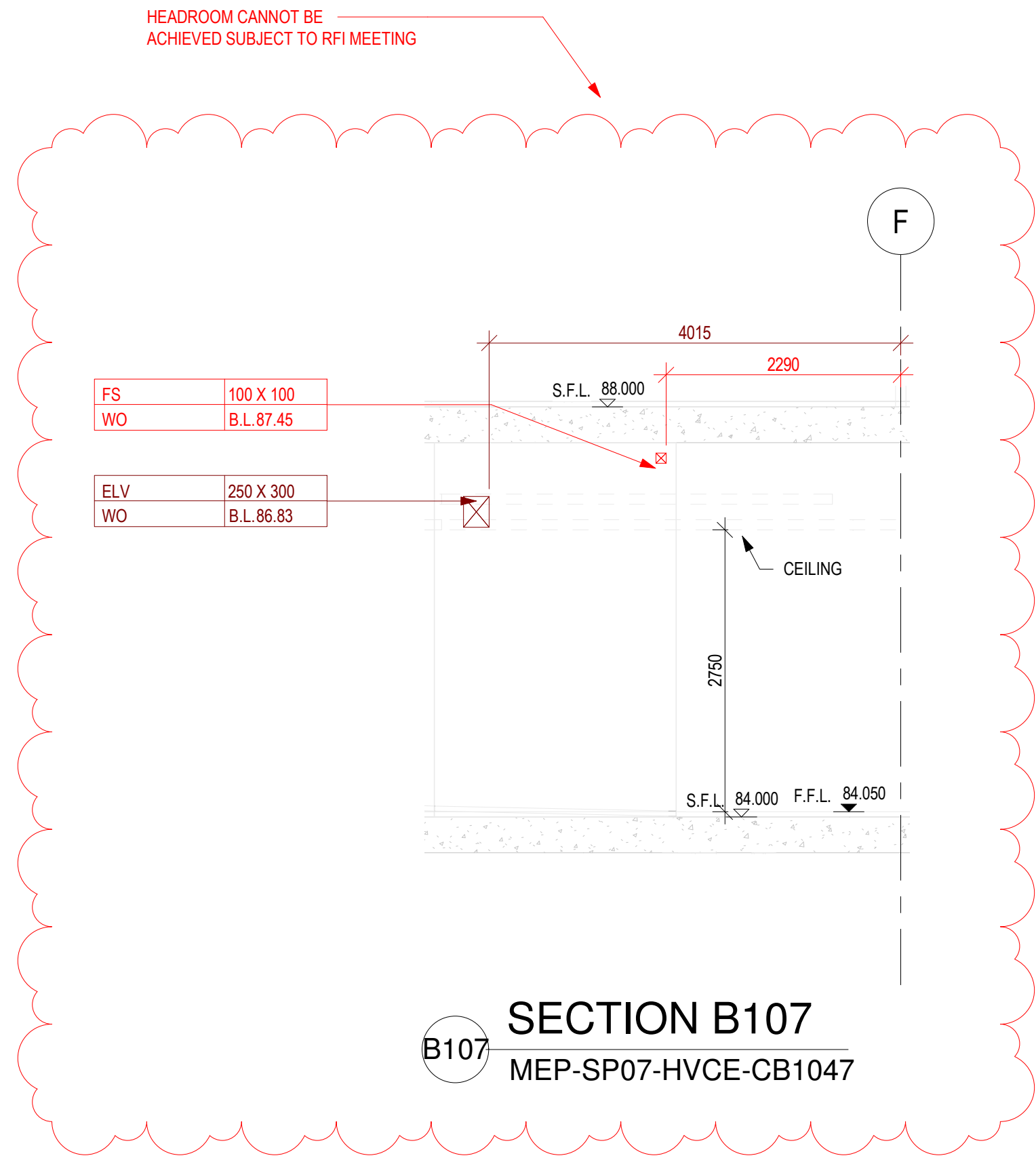
COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			



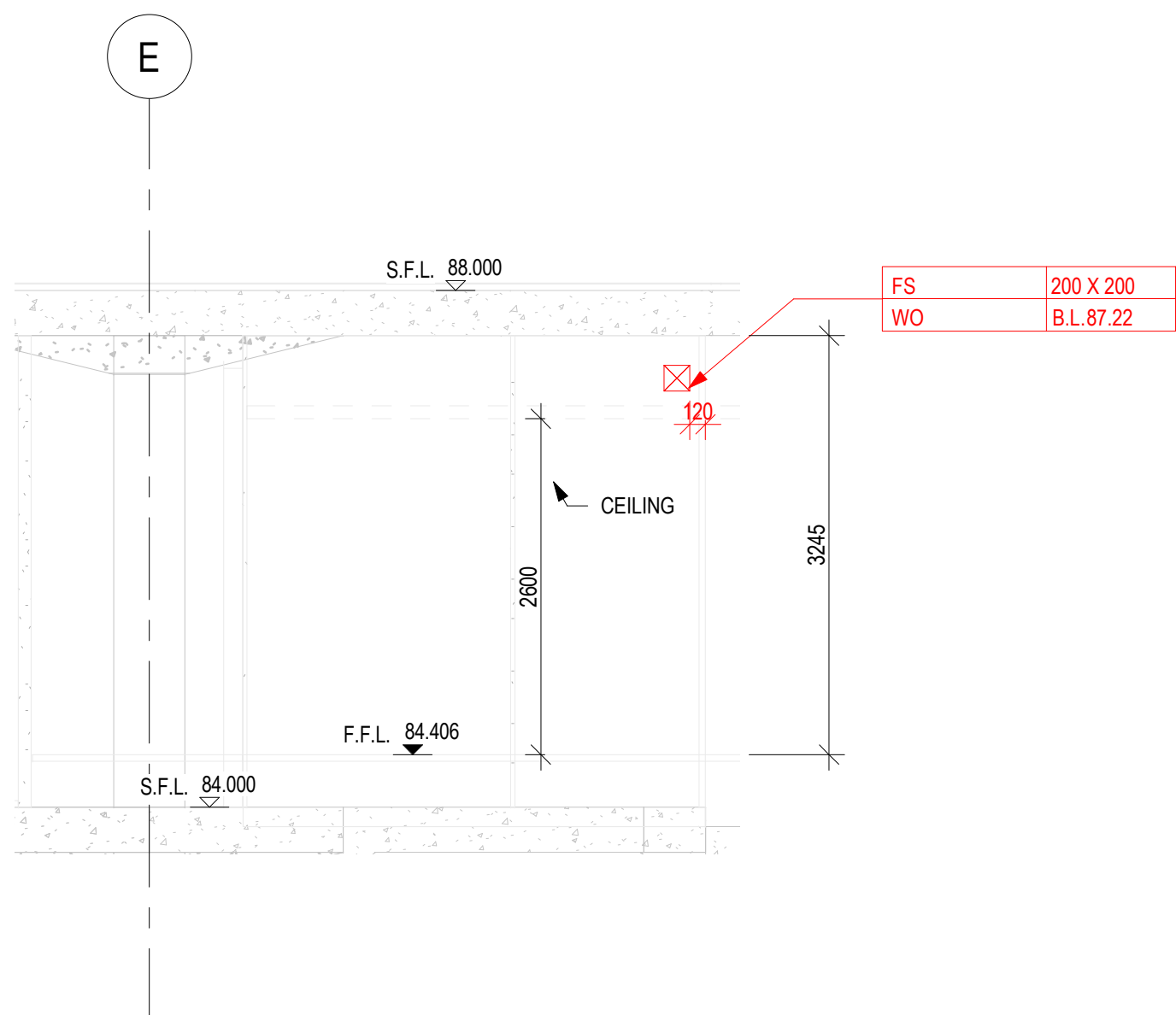
SECTION B110
MEP-SP07-HVCE-CB1047



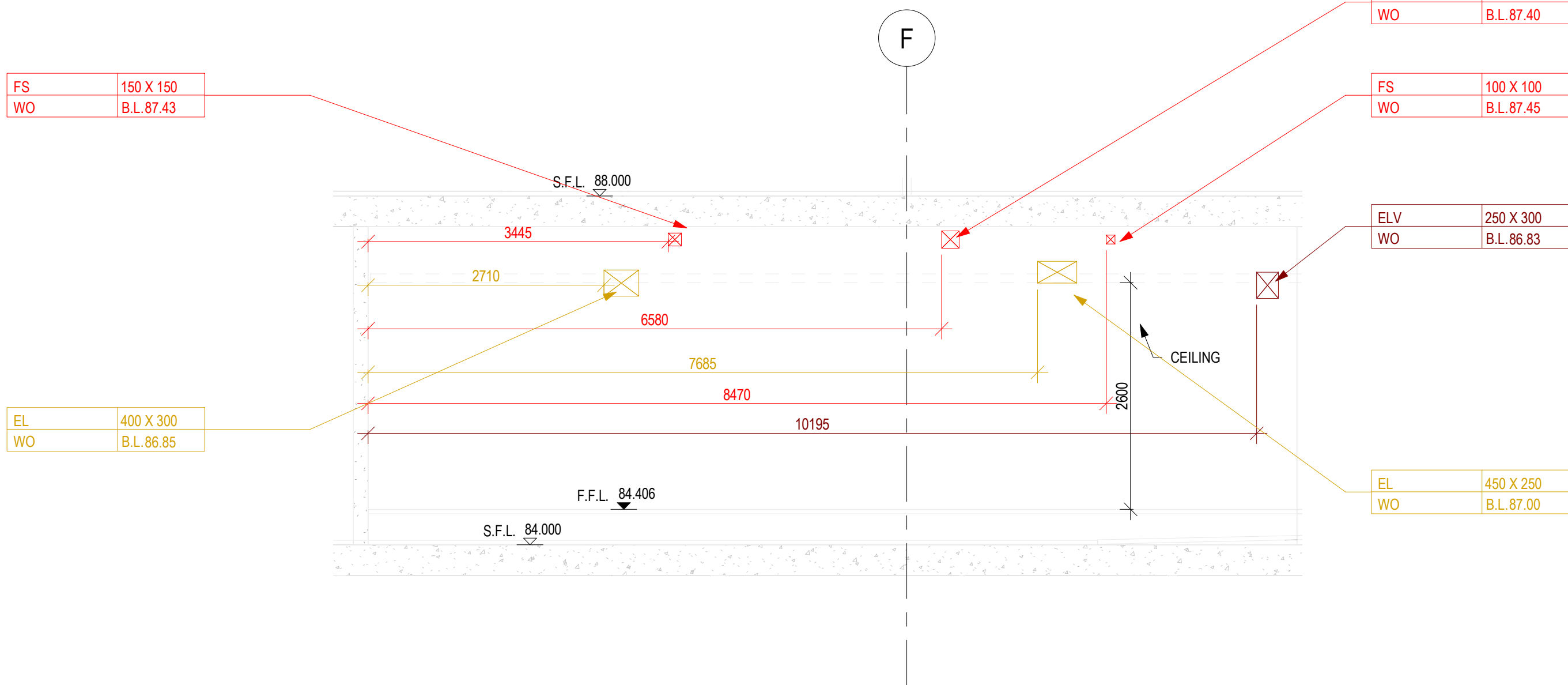
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MEP-SP07-HVCE-CB1047



SECTION B107
MEP-SP07-HVCE-CB1047



SECTION B108
MEP-SP07-HVCE-CB1047



SECTION B106
MEP-SP07-HVCE-CB1047

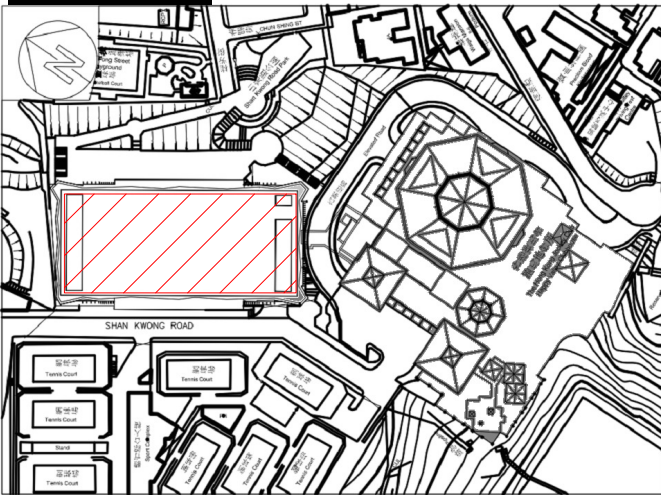
REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN



DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELV SERVICES
FNG - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SO - SLAB OPENING
BO - FLOOR BEAM OPENING
HB - HATCH BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
D. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
4. OPENINGS VISIBLE TO CURRENT FLOOR
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL
6. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION
TRADE DWS NO. REV.
ARCH 2016 (AI-185) 4
STR L801 (AI-047) D
HVAC 2502303A-AO-212 (AI-114) B
FS 2502303A-FS-212 (AI-114) C
PL 2502303A-PL-211 (AI-140) B
DR 2502303A-DR-212 (AI-140) B
GAS TC-SH-ICE-DOOF -
EL(LIGHTING) 2502303A-EL-211 (AI-107) -
EL(POWER) 2502303A-EL-312 (AI-114) C
EL(CABLE CONTAINMENT) 2502303A-EL-412 (AI-140) C
EL(ELV & CABLE CONTAINMENT) 2502303A-ELV-212 (AI-114) C
SEC(SECURITY) 2502303A-SEC-212 (AI-114) A

SERVICES PROVIDE	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	

- DO NOT SCALE DRAWINGS.
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

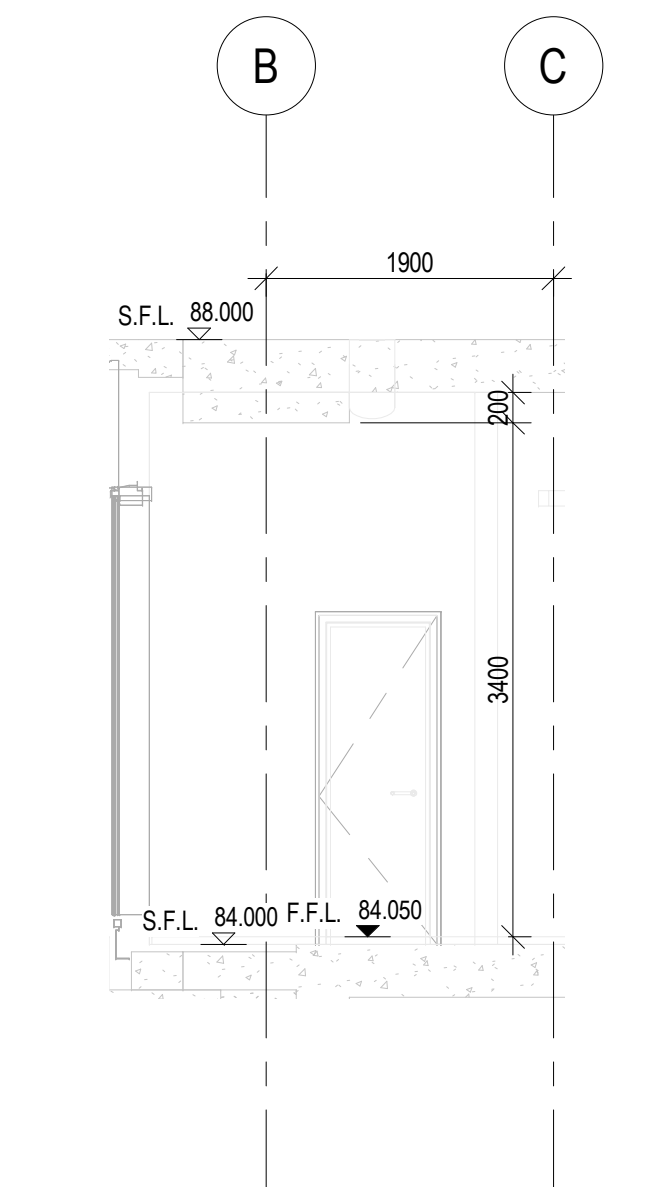
MAIN CONTRACTOR

SUB-CONTRACTOR

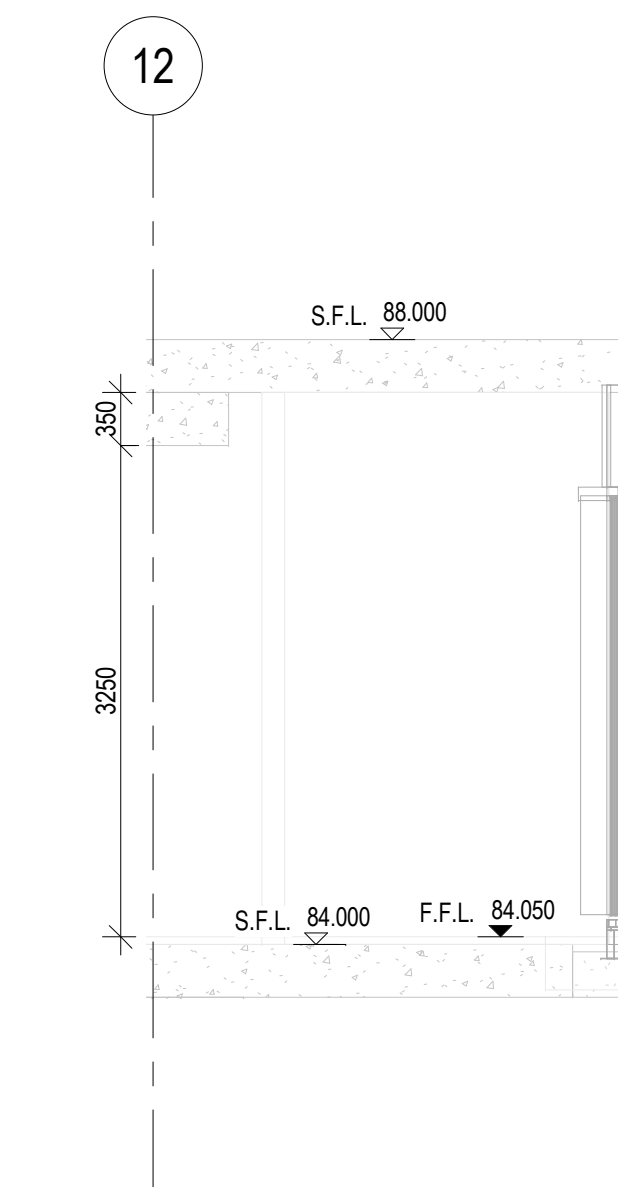
PROJECT

DRAWING TITLE
**COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 48 OF 66**

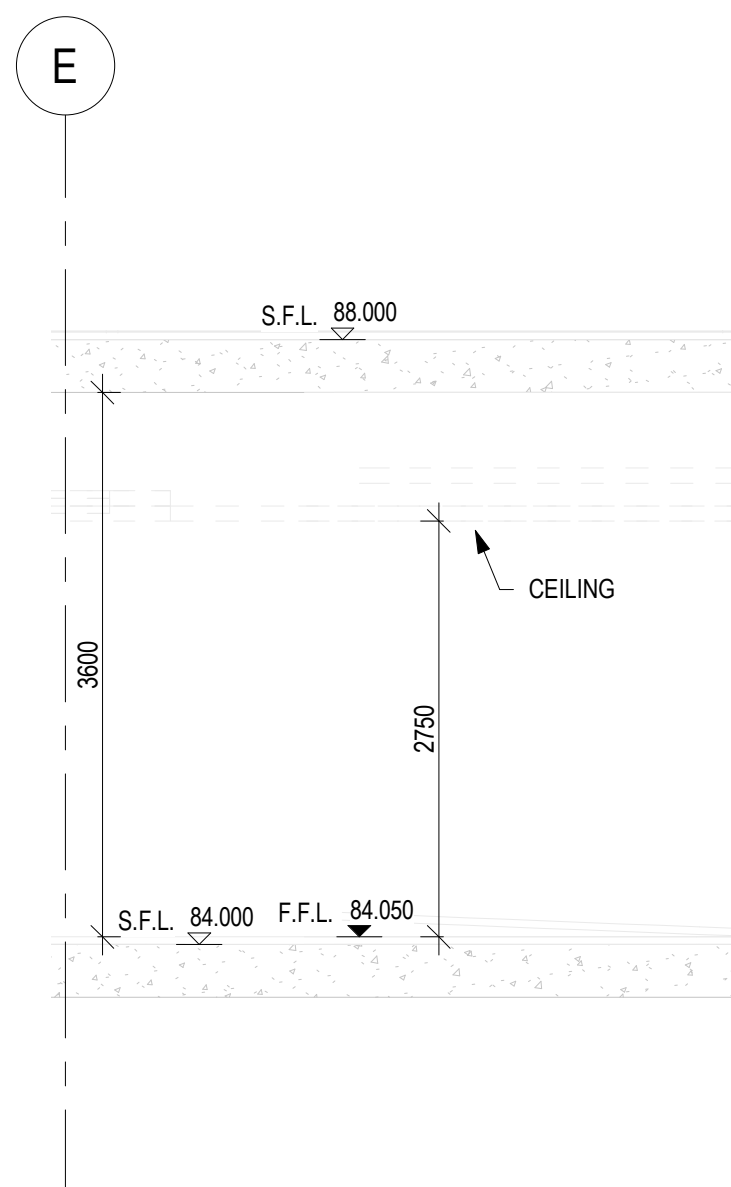
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CHECKED	
SCALE	1 : 50 @ A1
DATE	19-07-2018
DRAWING NO.	REV
MEP-SP07-HVCE-CB2598	-



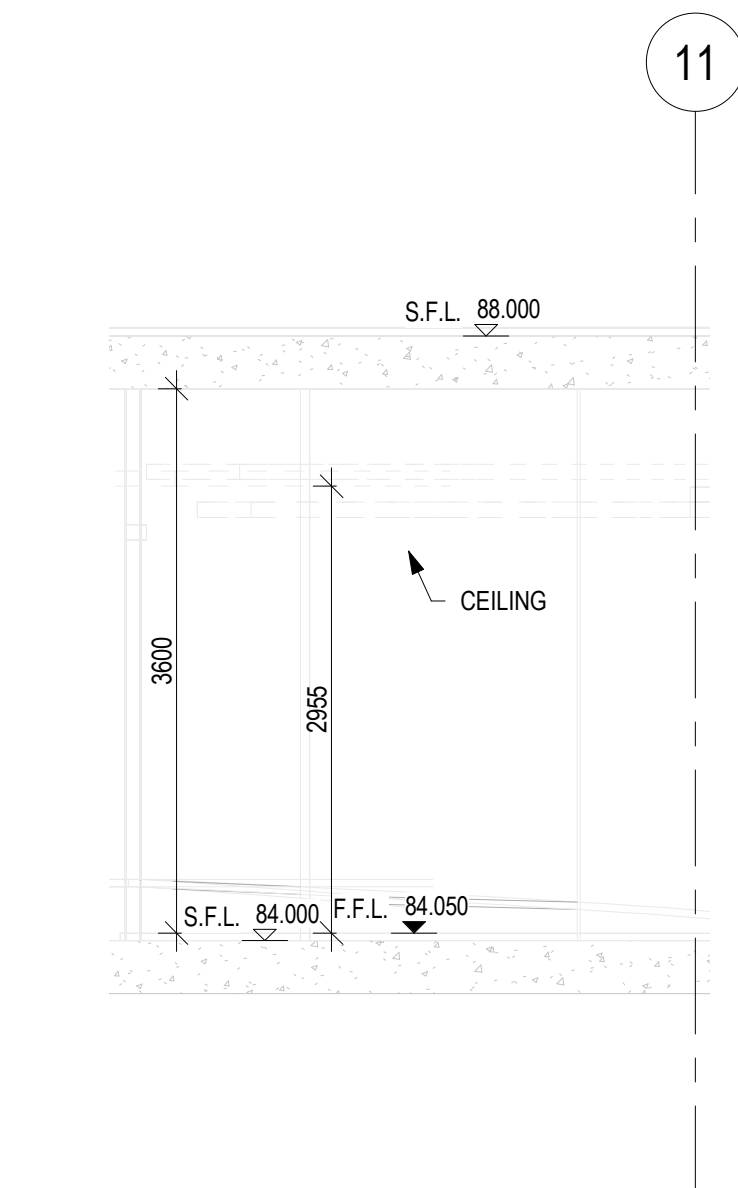
SECTION B119
MEP-SP07-HVCE-CB1047



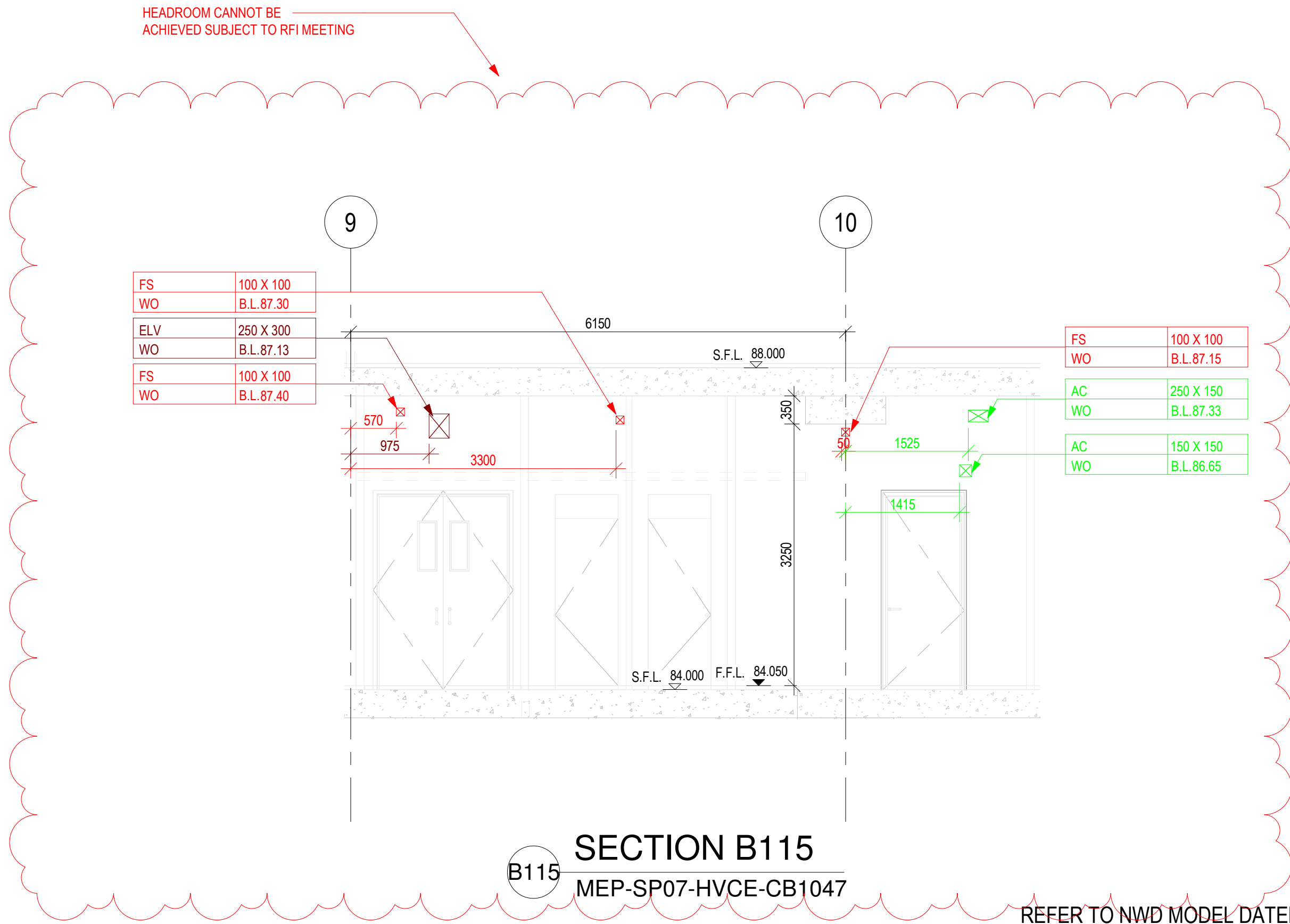
SECTION B118
MEP-SP07-HVCE-CB1047



SECTION B116
MEP-SP07-HVCE-CB1047



SECTION B117
MEP-SP07-HVCE-CB1047



SECTION B115
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE SERVICES
B. - ELECTRICAL SERVICES
C. - PLUMBING SERVICES
D. - GAS SERVICES
E. - FIRE SERVICES
F. - KITCHEN SERVICES
G. - WOODWORK SERVICES
H. - SLAB OPENING
I. - FLOOR BEAM OPENING
J. - HATCH BEAM
K. - HATCHES
L. - OPENING SIZE (W X H)
M. - BOTTOM LEVEL
N. - CENTER LEVEL OF PIPE SLEEVE
O. - ALL OPENING AT PRECAST FACADE REFER TO CEMO FOR PRECAST PANEL.
P. - ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-GAS-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

REV

DESCRIPTION

DATE

INIT

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 50 OF 66

DRAWN

CHECKED

SCALE 1:50 @ A1

DATE

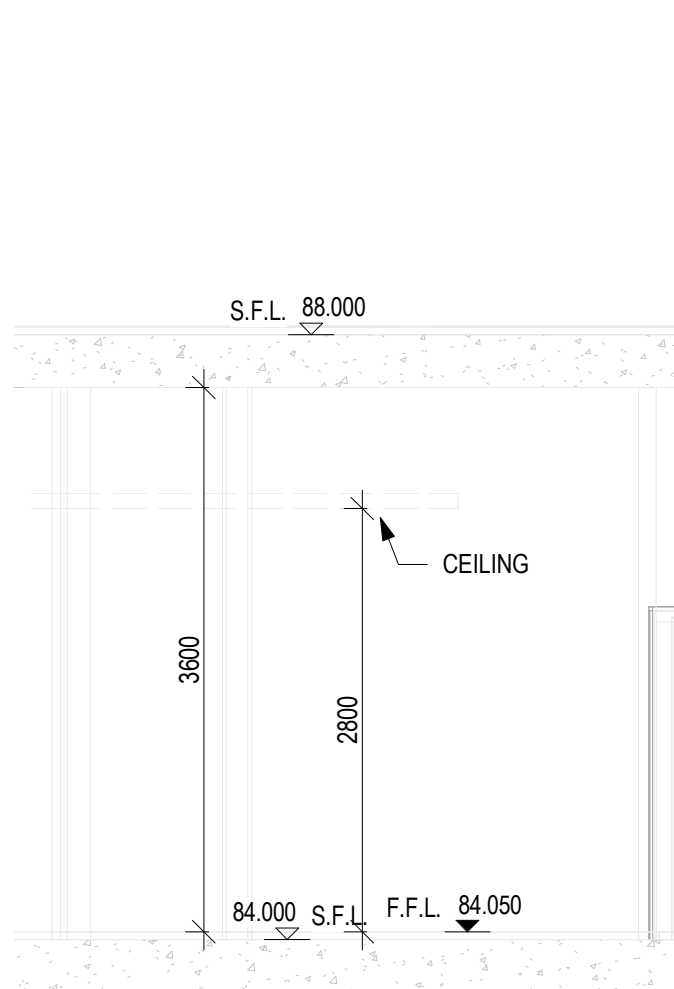
19-07-2018

DRAWING NO.

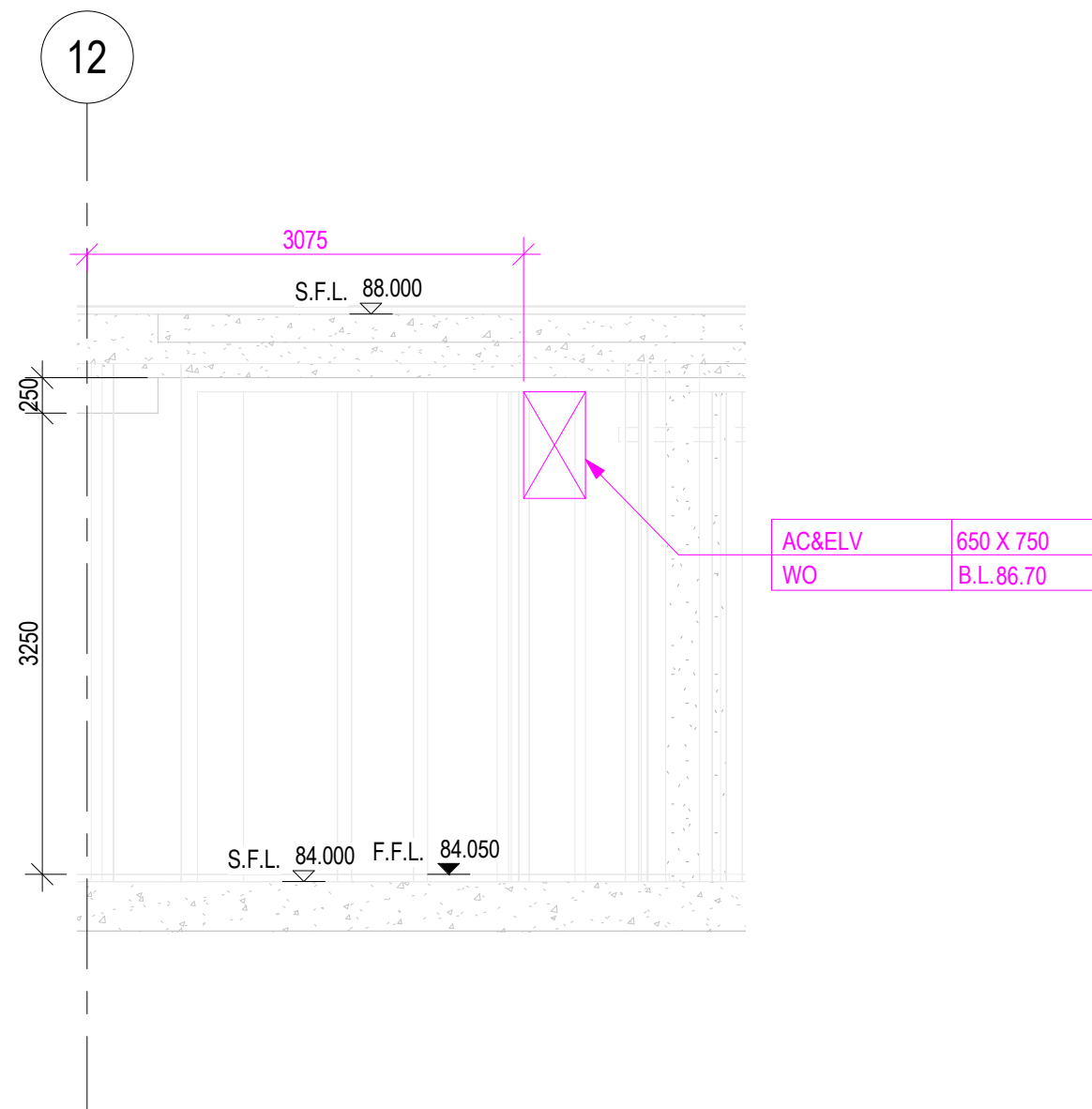
REV

MEP-SP07-HVCE-CB2600

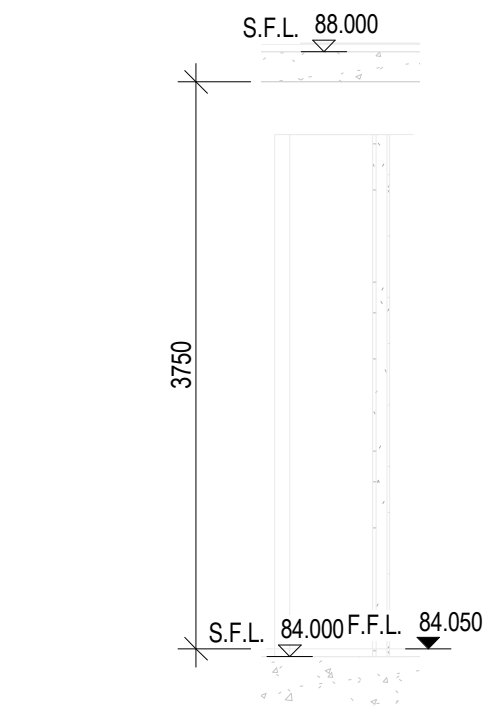
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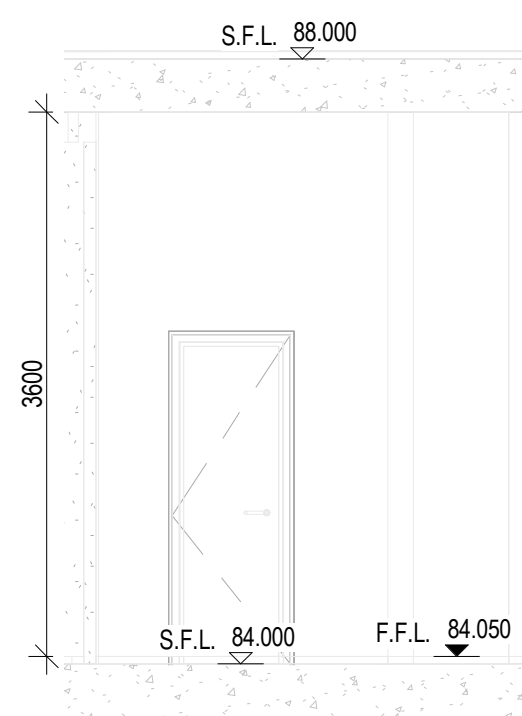
SECTION B130
MEP-SP07-HVCE-CB1047



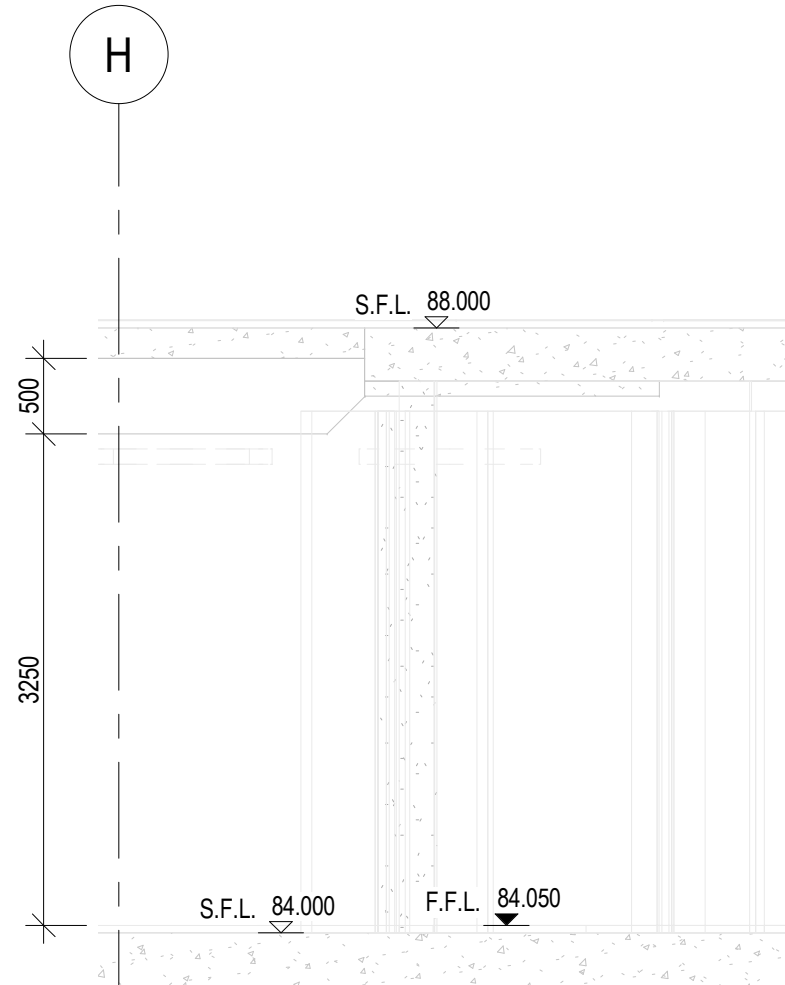
SECTION B128
MEP-SP07-HVCE-CB1047



SECTION B126
MEP-SP07-HVCE-CB1047

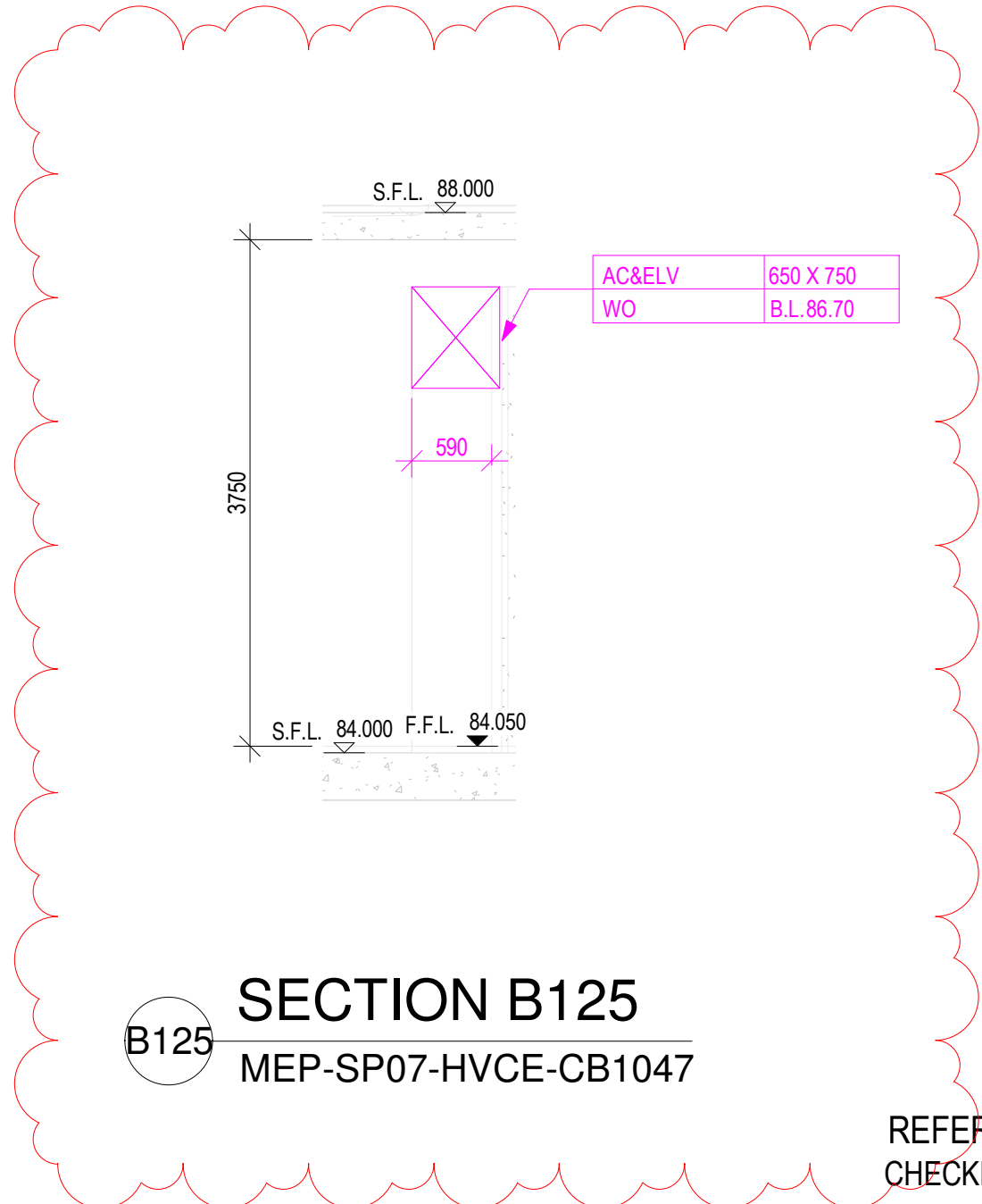


SECTION B129
MEP-SP07-HVCE-CB1047



SECTION B127
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B125
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR DRAINAGE SERVICES
B. ELECTRICAL SERVICES
C. FIRE SERVICES
D. PLUMBING SERVICES
E. WALL OPENING
F. SLAB OPENING
G. FLOOR BEAM OPENING
H. HAUNCH BEAM
I. ROOF
J. OPENING SIZE (W X H)
K. BOTTOM LEVEL
L. CENTER LEVEL OF PIPE SLEEVE
M. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
N. ALL DEPTH OF RECESS FOR RFI INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	-
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 52 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE

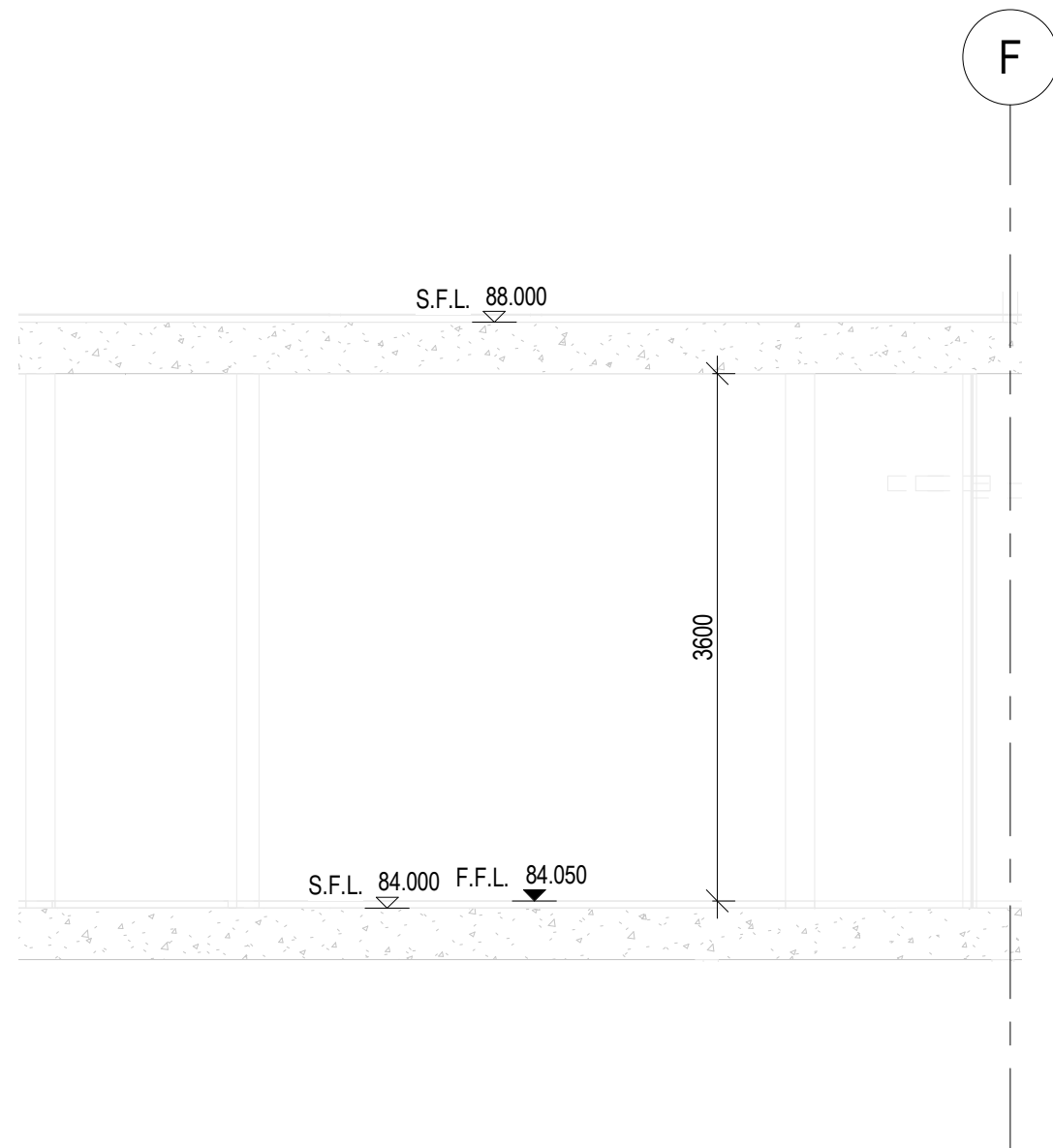
19-07-2018

DRAWING NO.

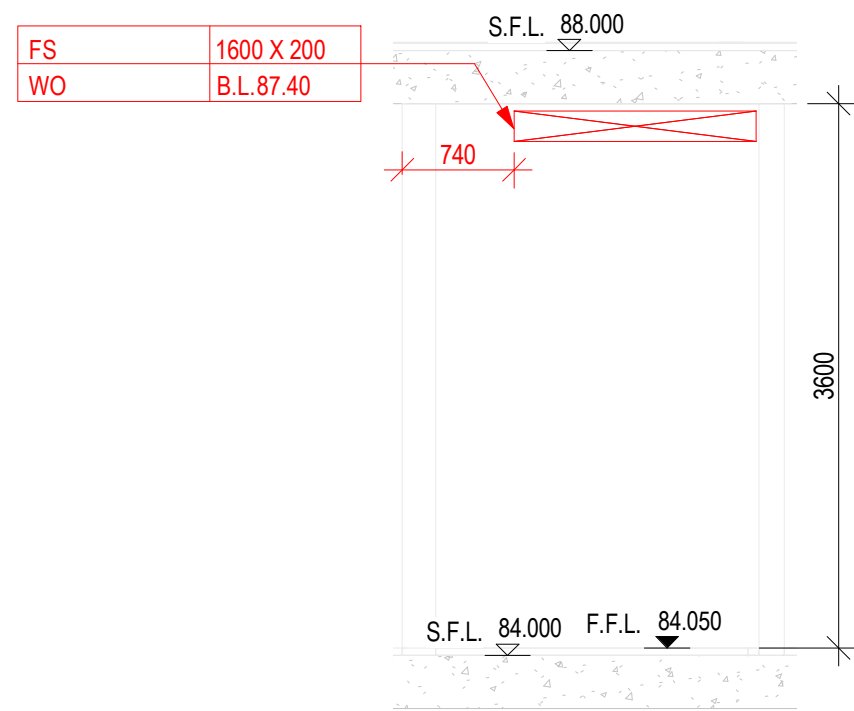
REV

MEP-SP07-HVCE-CB2602

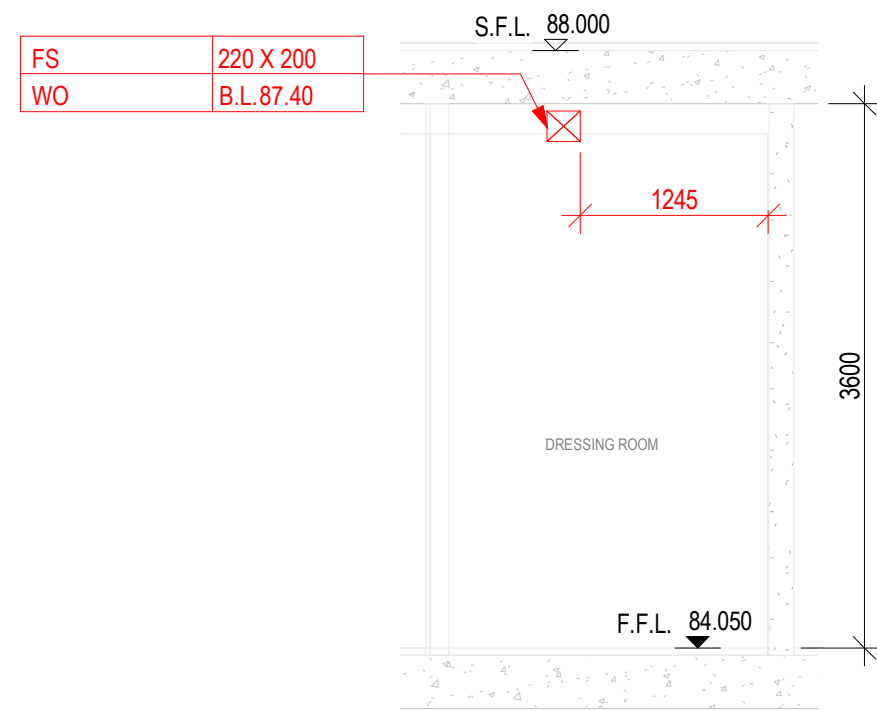
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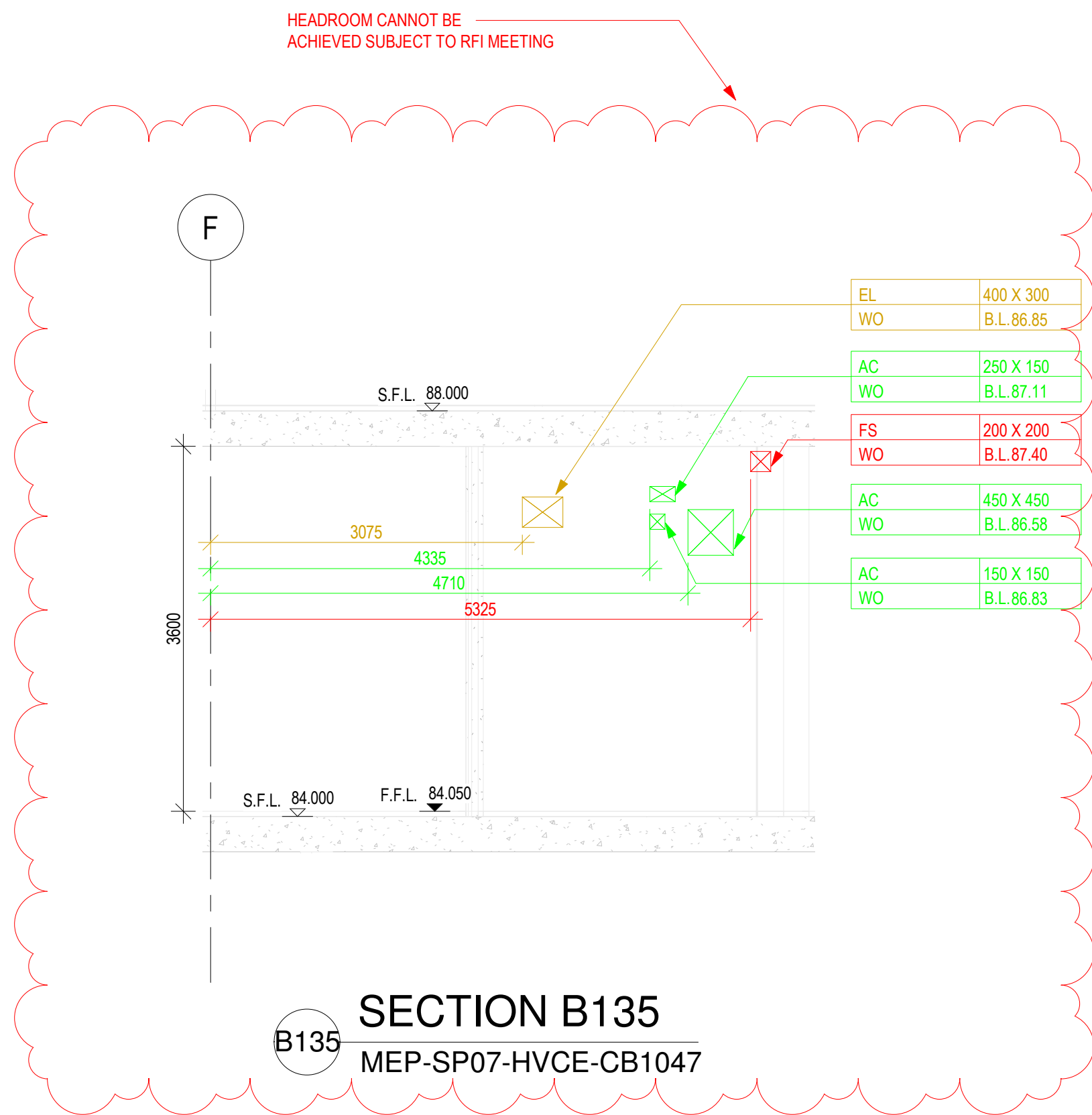
B136 SECTION B136
MEP-SP07-HVCE-CB1047



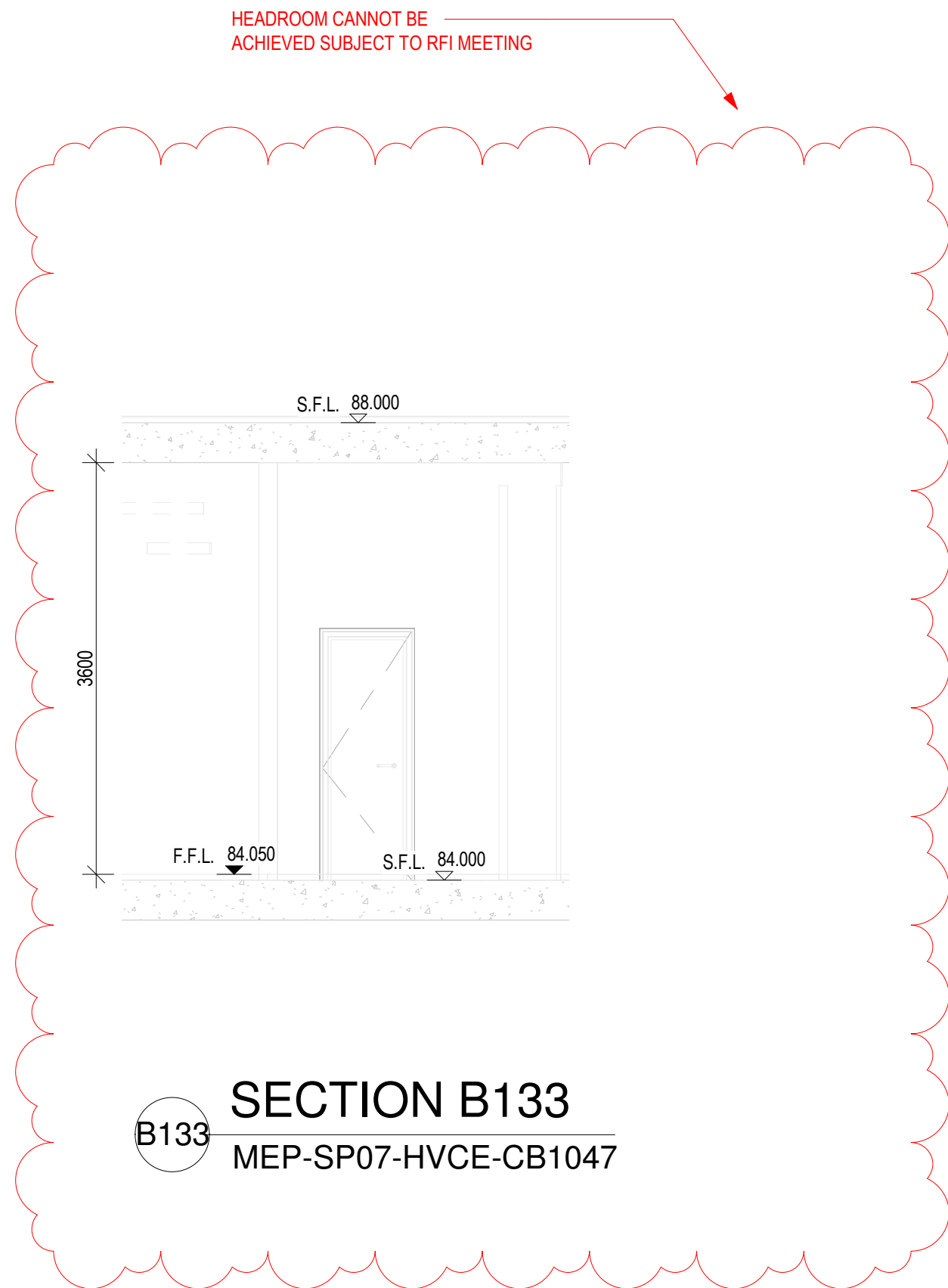
B134 SECTION B134
MEP-SP07-HVCE-CB1047



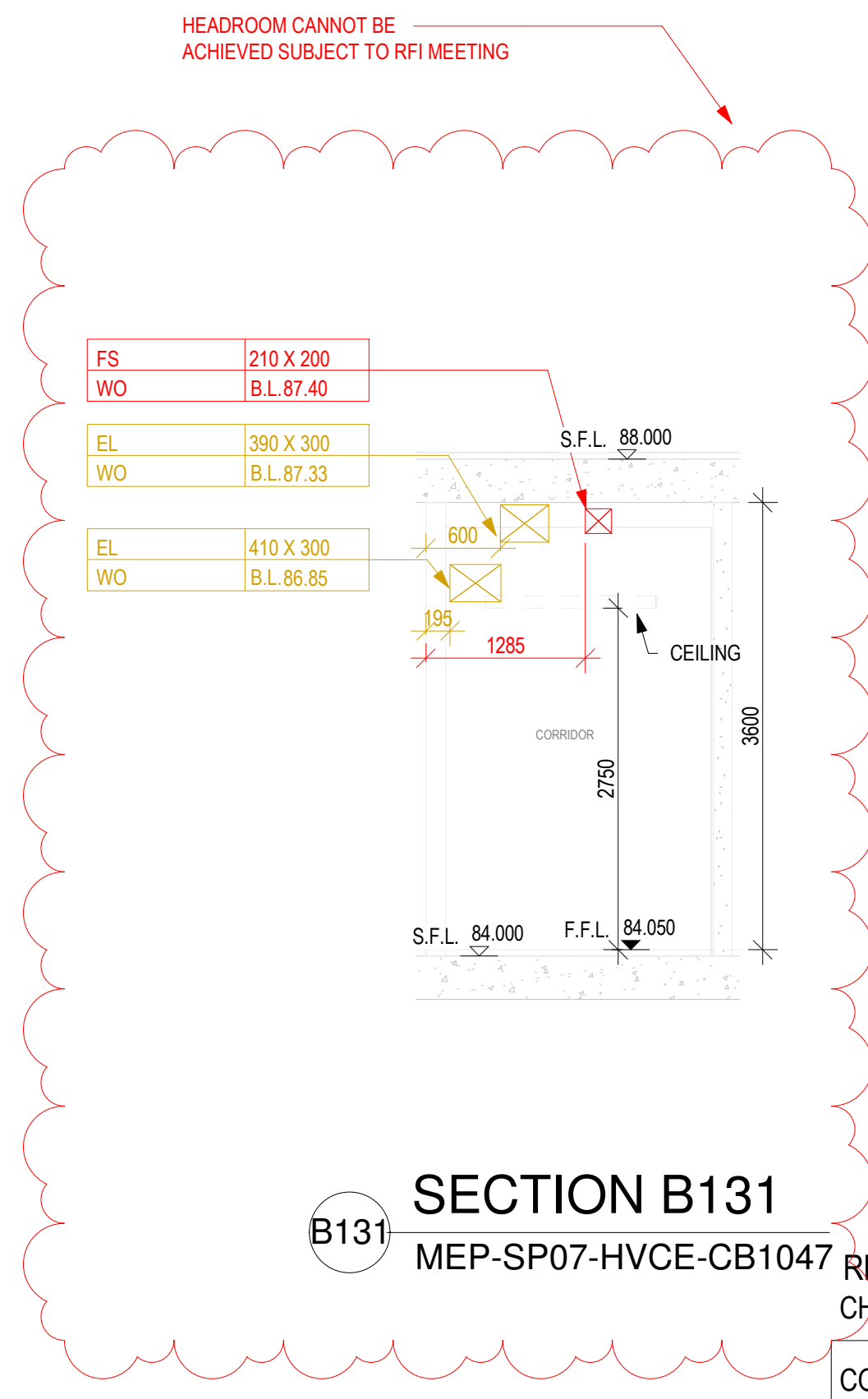
B132 SECTION B132
MEP-SP07-HVCE-CB1047



B135 SECTION B135
MEP-SP07-HVCE-CB1047



B133 SECTION B133
MEP-SP07-HVCE-CB1047



B131 SECTION B131
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEV SERVICES
FNG - FNG SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BS - FLOOR BEAM OPENING
HB - HATCH BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
B. BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL
6. ALL DEPTH OF RECESS FOR RFI INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE

DWG. NO.

REV.

ARCH

2016 (AI-185)

4

STR

L801 (AI-047)

D

HVAC

2502303A-AC-212 (AI-114)

B

FS

2502303A-FS-212 (AI-114)

C

PL

2502303A-PL-211 (AI-140)

B

DR

2502303A-DR-212 (AI-140)

B

GAS

TC-SH-ICE-DOOF

-

EL(LIGHTING)

2502303A-EL-211 (AI-107)

-

EL(POWER)

2502303A-EL-312 (AI-114)

C

EL(CABLE CONTAINMENT)

2502303A-EL-412 (AI-140)

C

EL(ELV & CABLE CONTAINMENT)

2502303A-ELV-212 (AI-114)

C

SEC(SECURITY)

2502303A-SEC-212 (AI-114)

A

SERVICES PROVIDE

COLOUR CODE NO.

ARCHITECTURE (ARCH)

COLOUR CODE: 255 255 255

STRUCTURE (STR)

COLOUR CODE: 128 128 128

HVAC SERVICES (AC)

COLOUR CODE: 0 255 0

DRAINAGE SERVICES (DR)

COLOUR CODE: 0 0 255

ELECTRICAL SERVICES (EL)

COLOUR CODE: 210 160 0

ELECTRICAL SERVICES (ELV)

COLOUR CODE: 128 0 0

GAS SERVICES (GAS)

COLOUR CODE: 128 0 255

FIRE SERVICES (FS)

COLOUR CODE: 255 0 0

PLUMBING SERVICES (PL)

COLOUR CODE: 0 255 255

KITCHEN SERVICES (KE)

COLOUR CODE: 255 128 0

COMBINED OPENING

COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 53 OF 66

DRAWN

CHECKED

SCALE

1 : 50

@ A1

DATE

19-07-2018

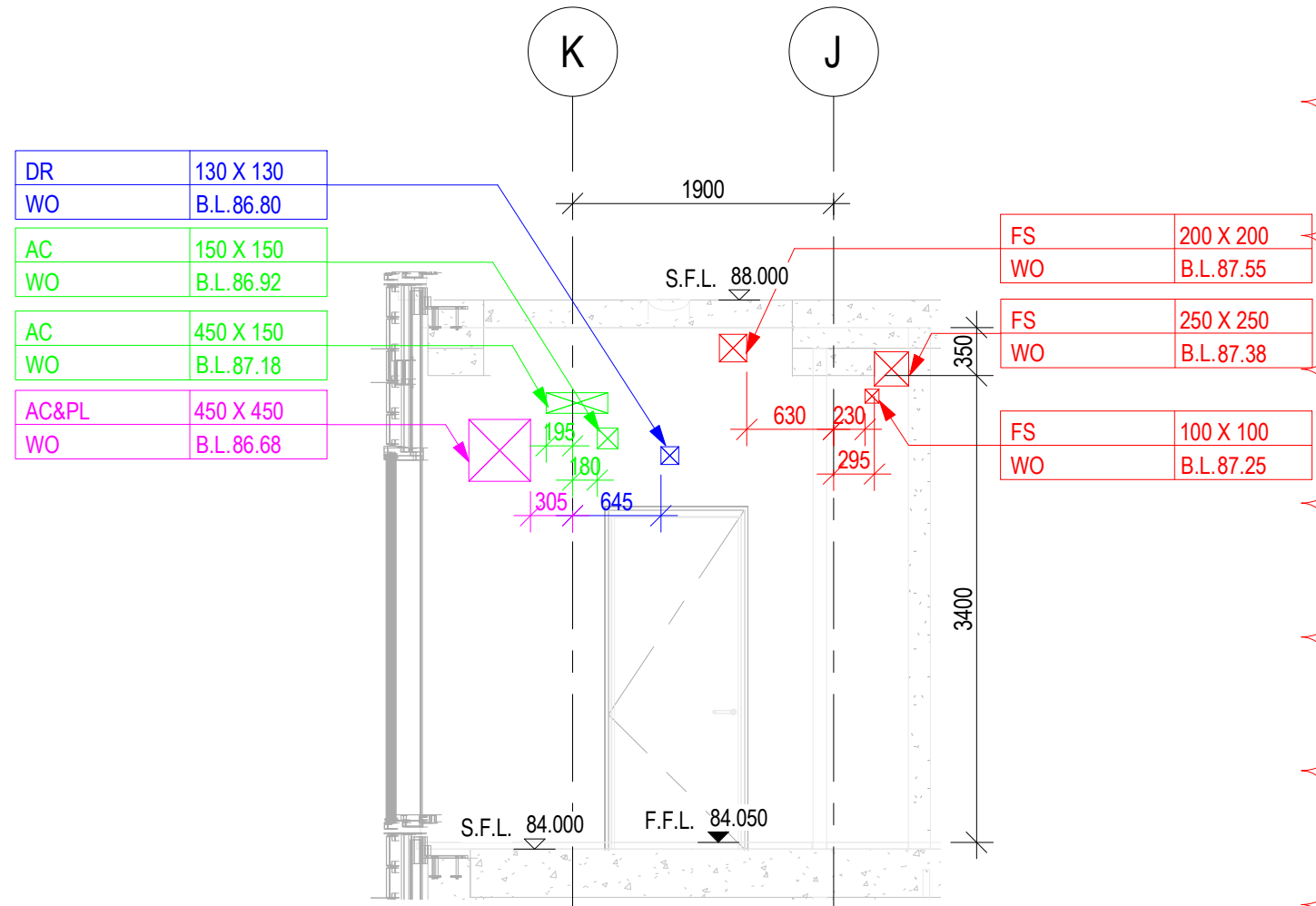
DRAWING NO.

REV

MEP-SP07-HVCE-CB2603

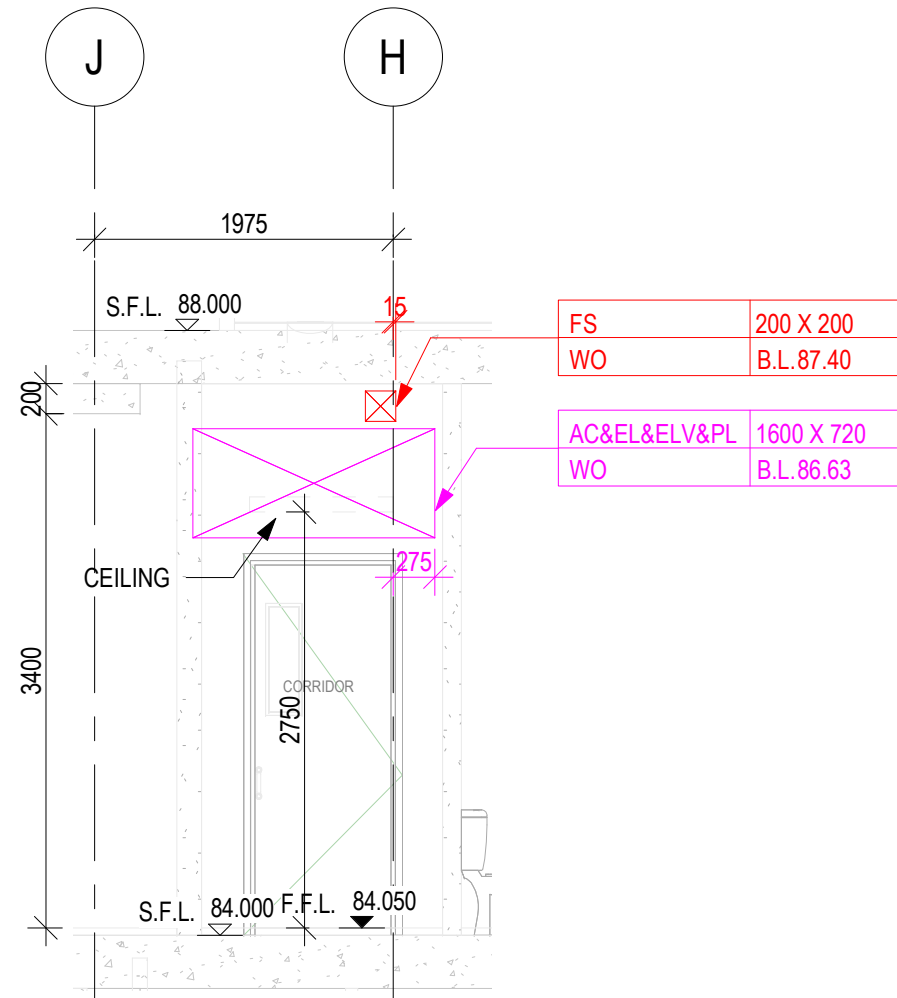
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HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

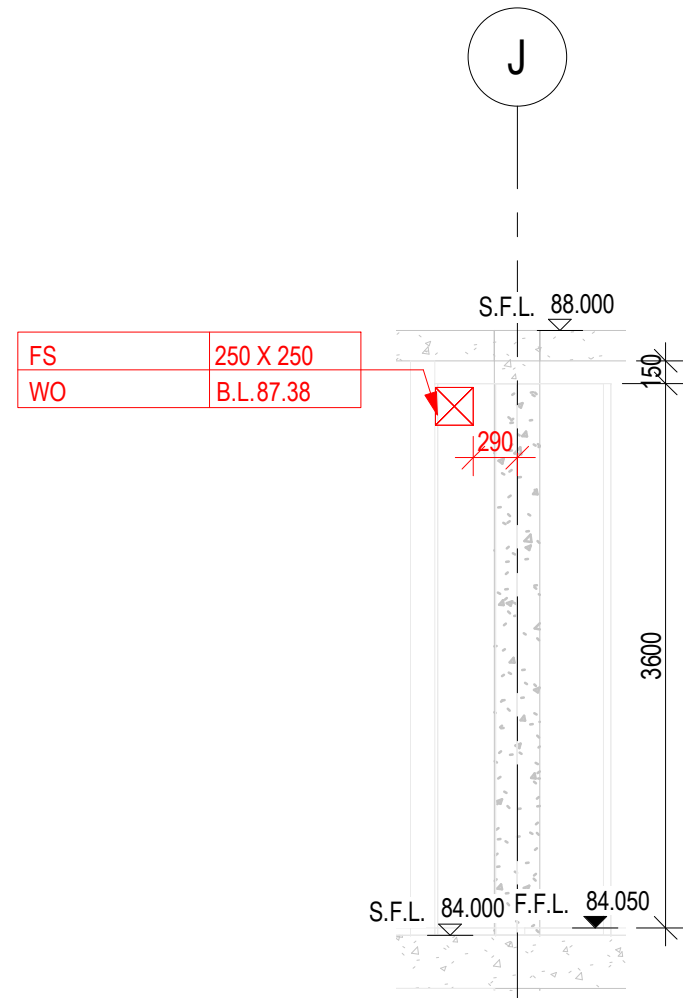


SECTION B141
MEP-SP07-HVCE-CB1047

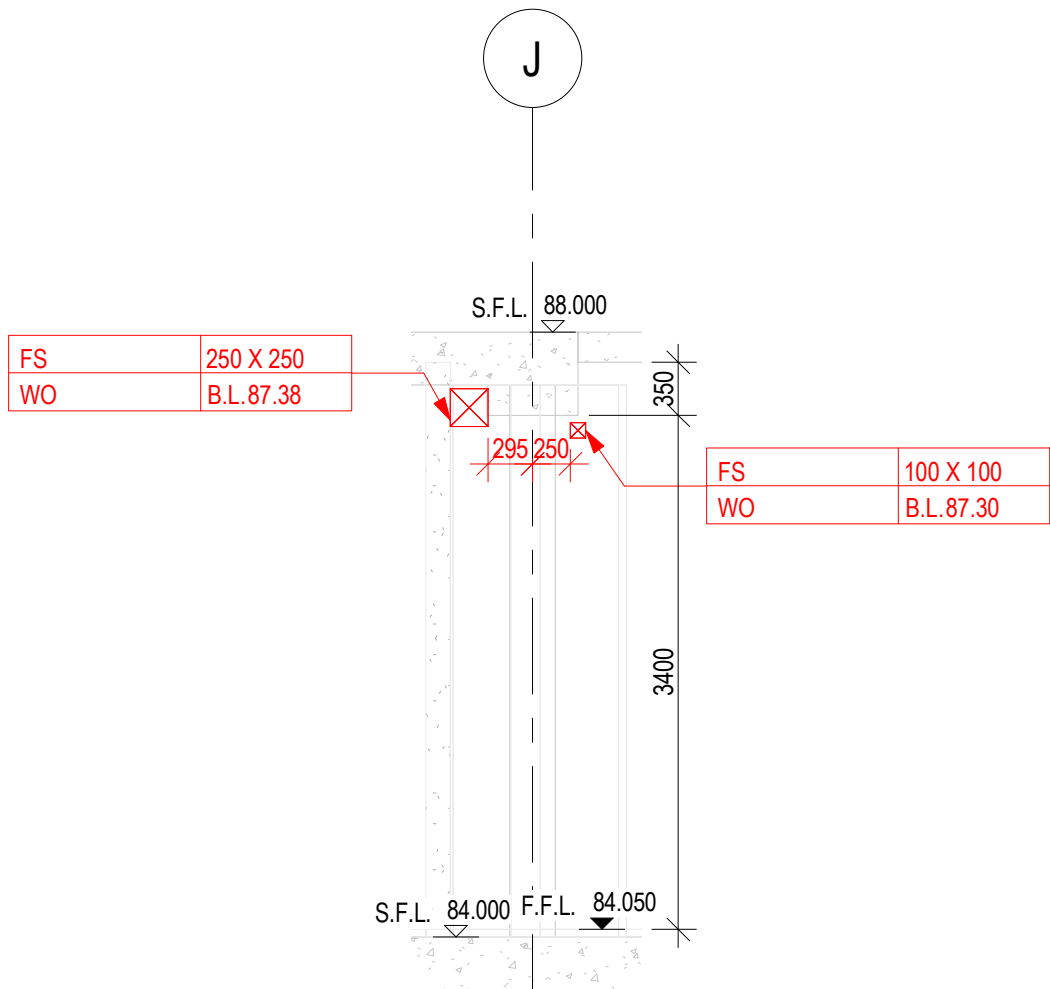
HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B140
MEP-SP07-HVCE-CB1047

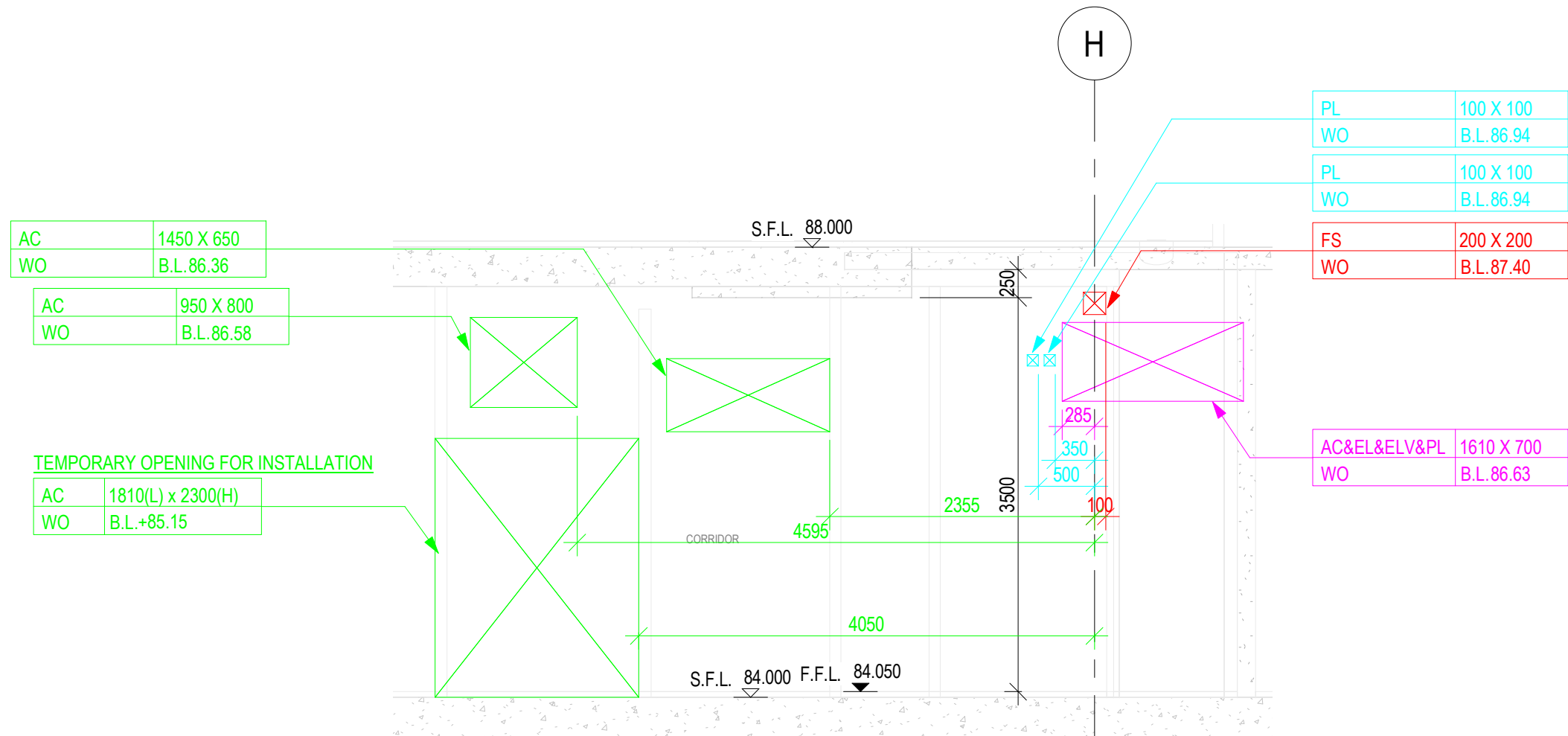


SECTION B138
MEP-SP07-HVCE-CB1047



SECTION B139
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B137
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEVATOR SERVICES
FNG - FIRE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SO - SLAB OPENING
BO - FLOOR BEAM OPENING
HB - HATCH BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
D. B.L. - BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PIPES INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

	COLOUR CODE NO.
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	

- DO NOT SCALE DRAWINGS.
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 54 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE

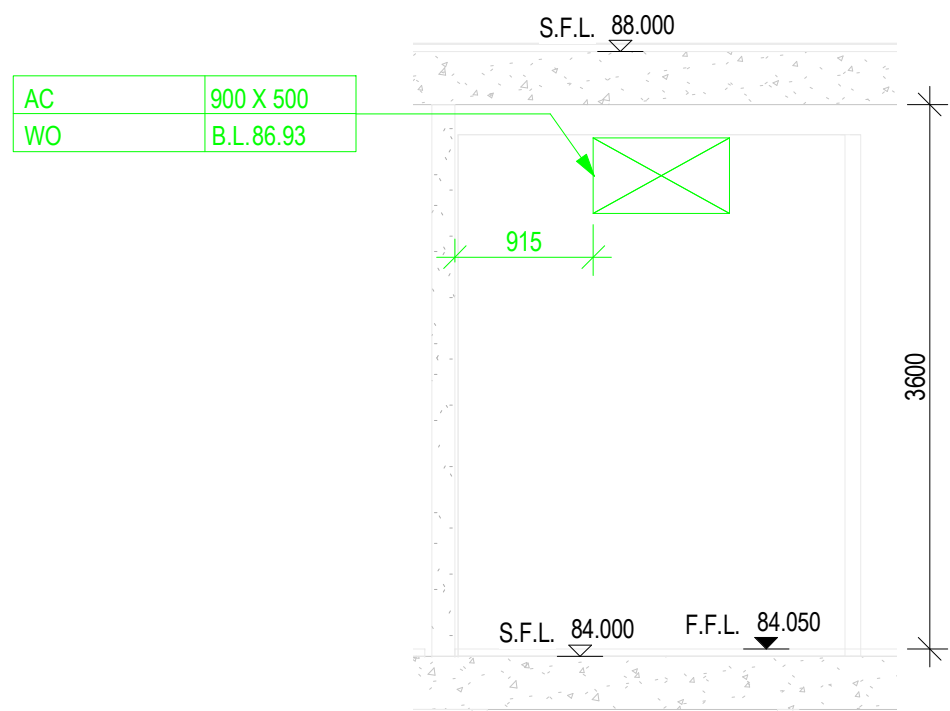
19-07-2018

DRAWING NO.

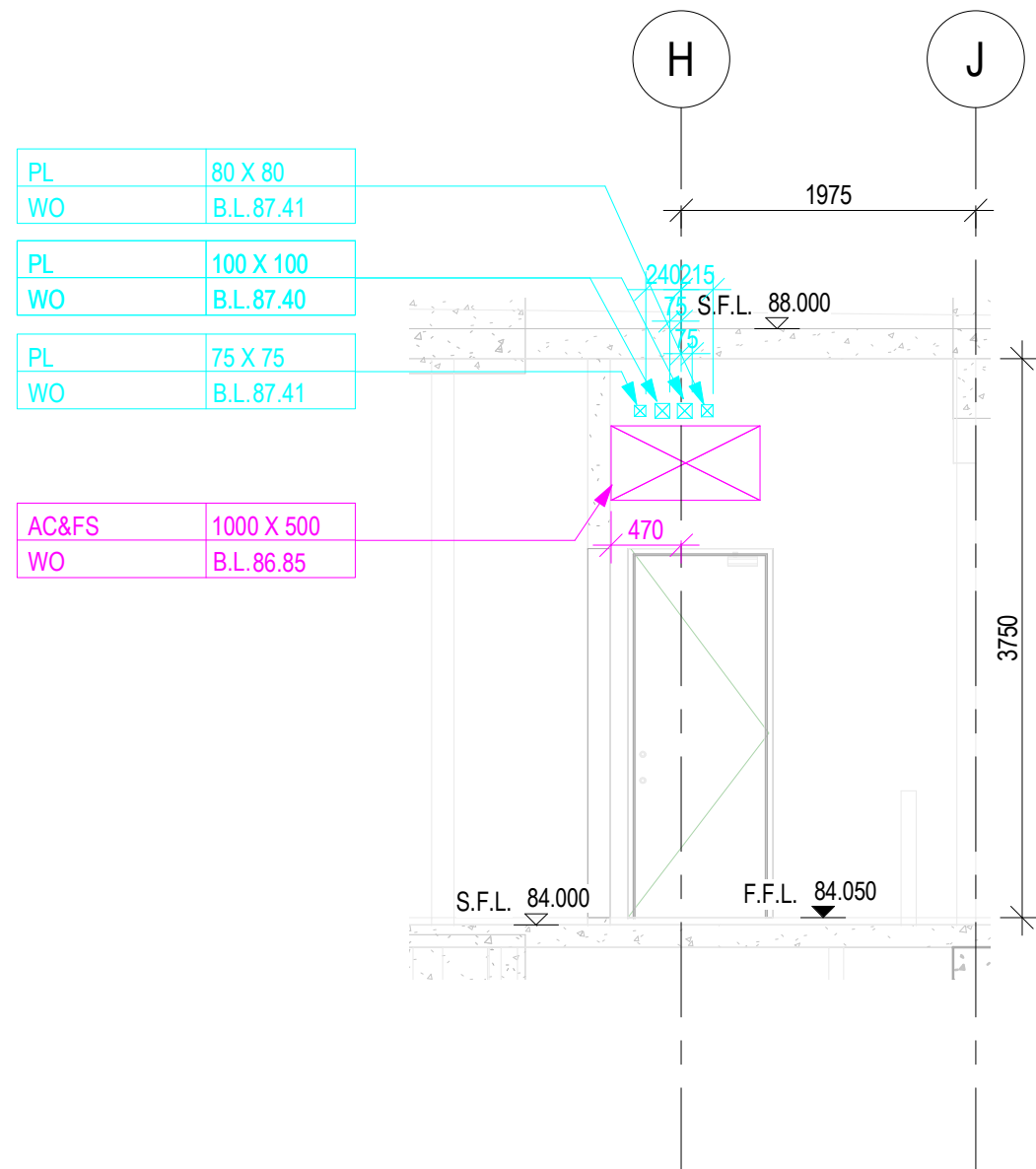
REV

MEP-SP07-HVCE-CB2604

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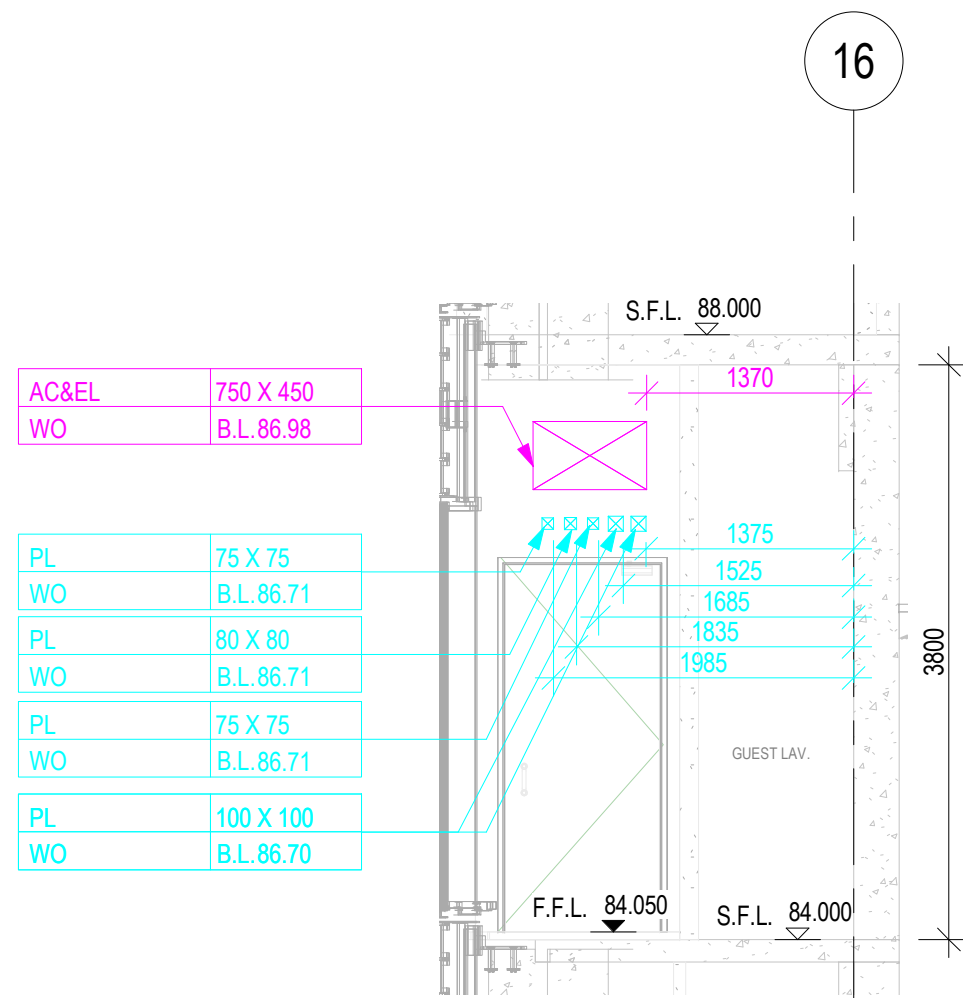


SECTION B145
MEP-SP07-HVCE-CB1047



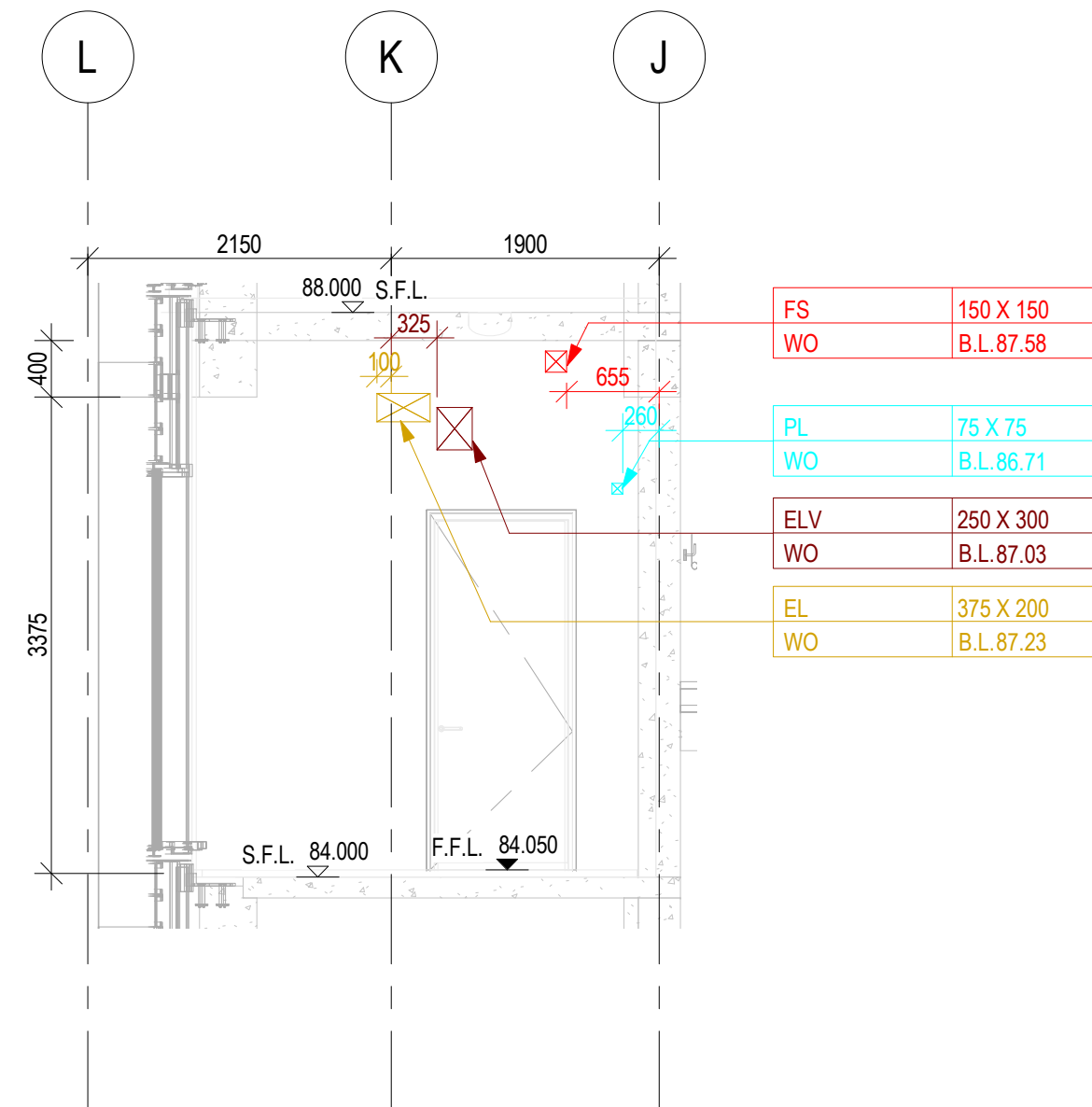
SECTION B143
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B144
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B142
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - HVAC SERVICES
B. EL - ELECTRICAL SERVICES
C. DR - DRAINAGE SERVICES
D. ELV - ELEVATOR SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. WO - WALL OPENING
H. SLAB OPENING
I. 80 - FLOOR BEAM OPENING
J. HATCH BEAM
K. RECESSES
L. OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. C.L. - CENTER LEVEL OF PIPE SLEEVE
O. ALL OPENING AT PRECAST FACADE REFER TO CDM FOR PRECAST FACADE PANEL.
P. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-006F	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 55 OF 66

DRAWN

CHECKED

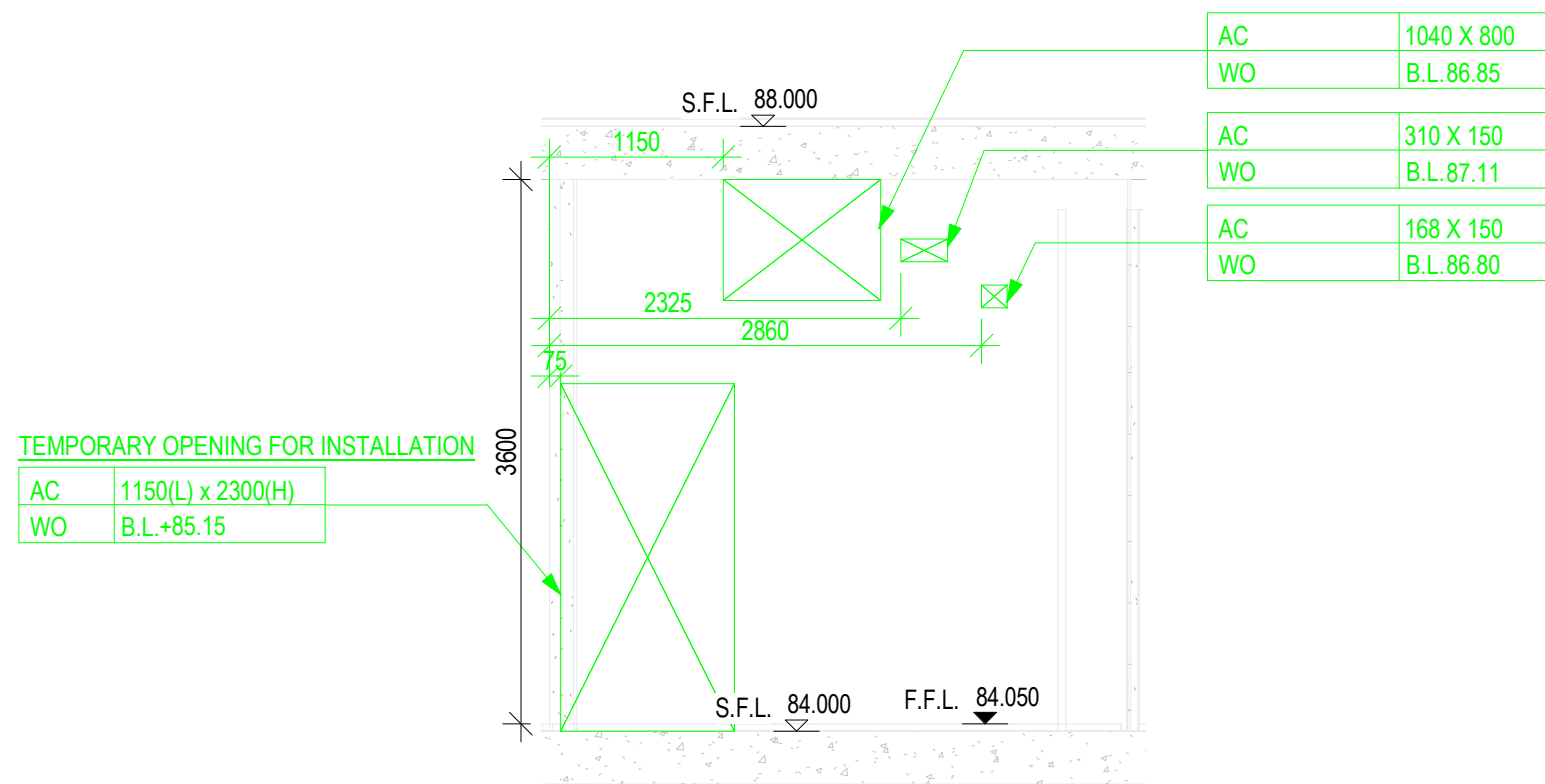
SCALE 1 : 50 @ A1

DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE-CB2605

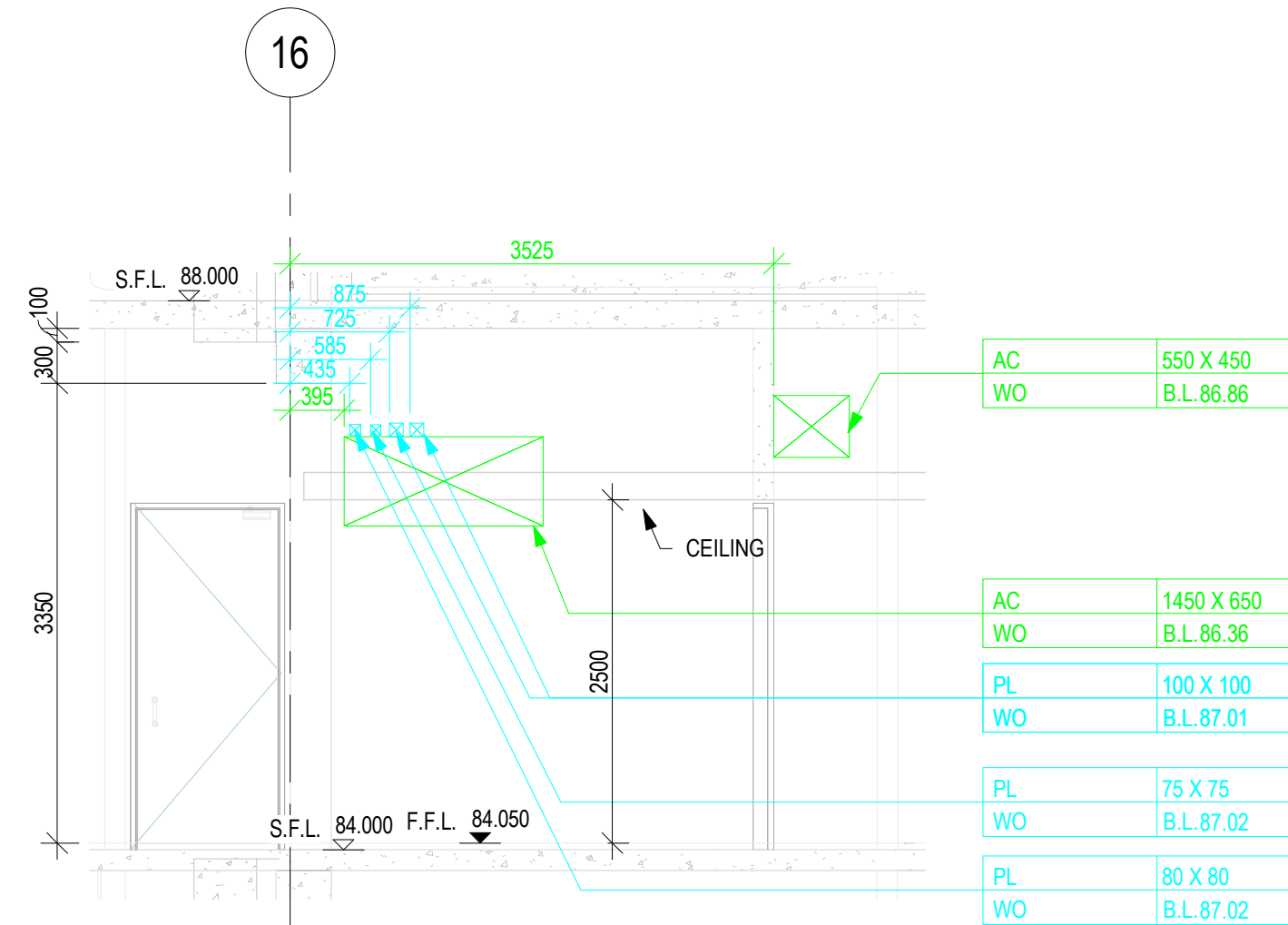
REV -

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

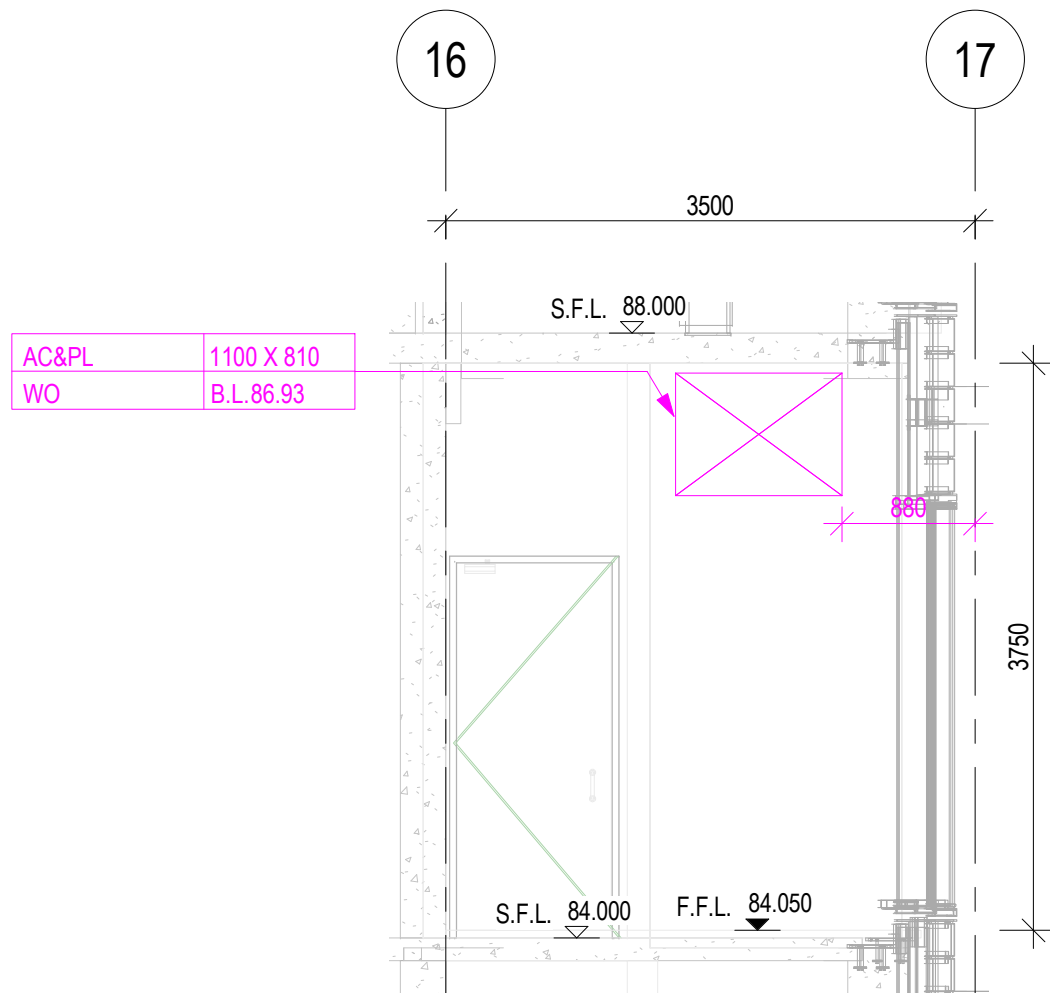


SECTION B149
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

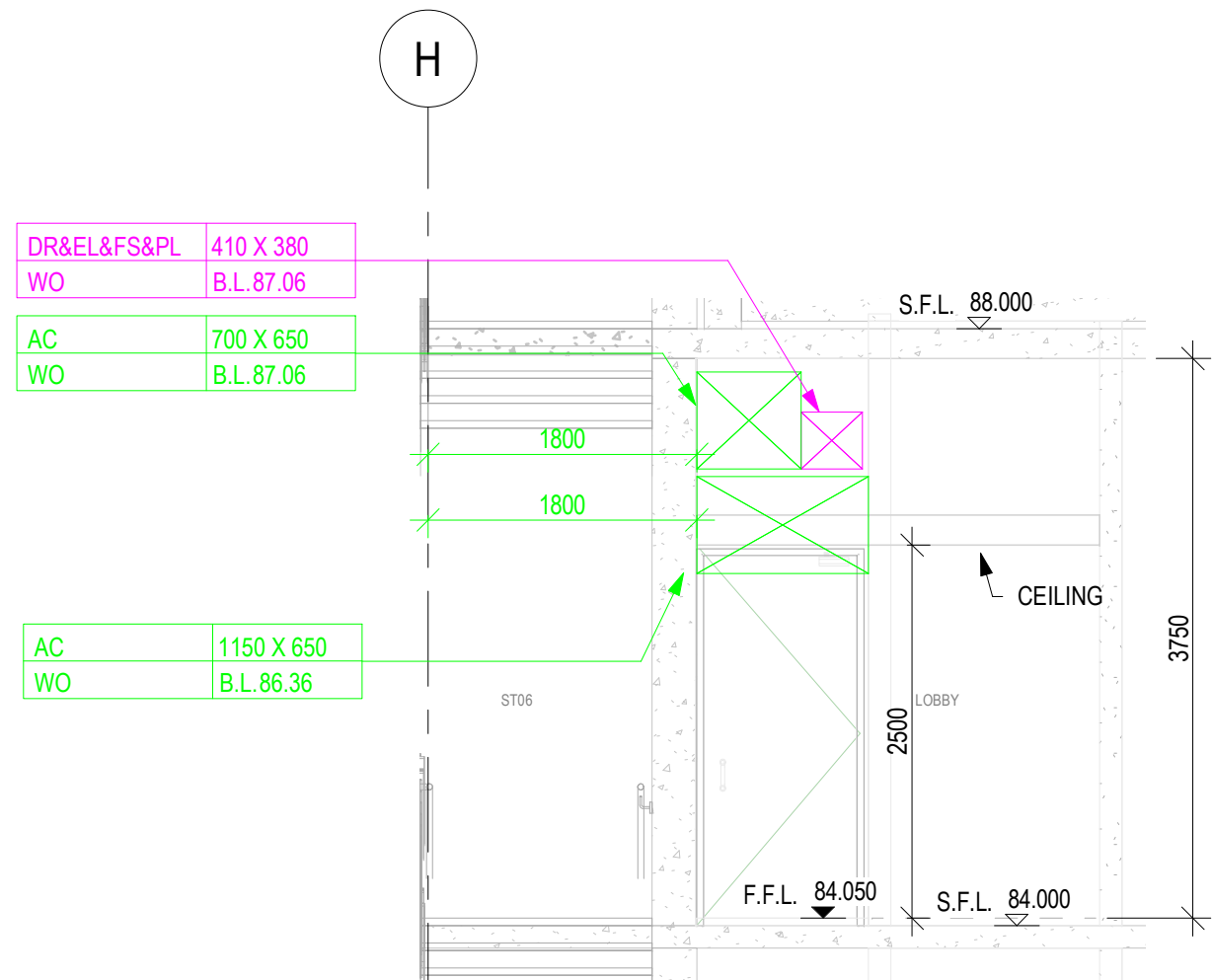


SECTION B147
MEP-SP07-HVCE-CB1047



SECTION B148
MEP-SP07-HVCE-CB1047

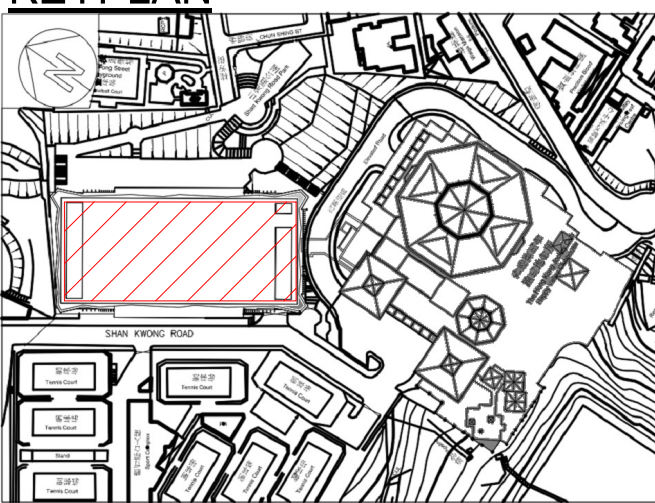
HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

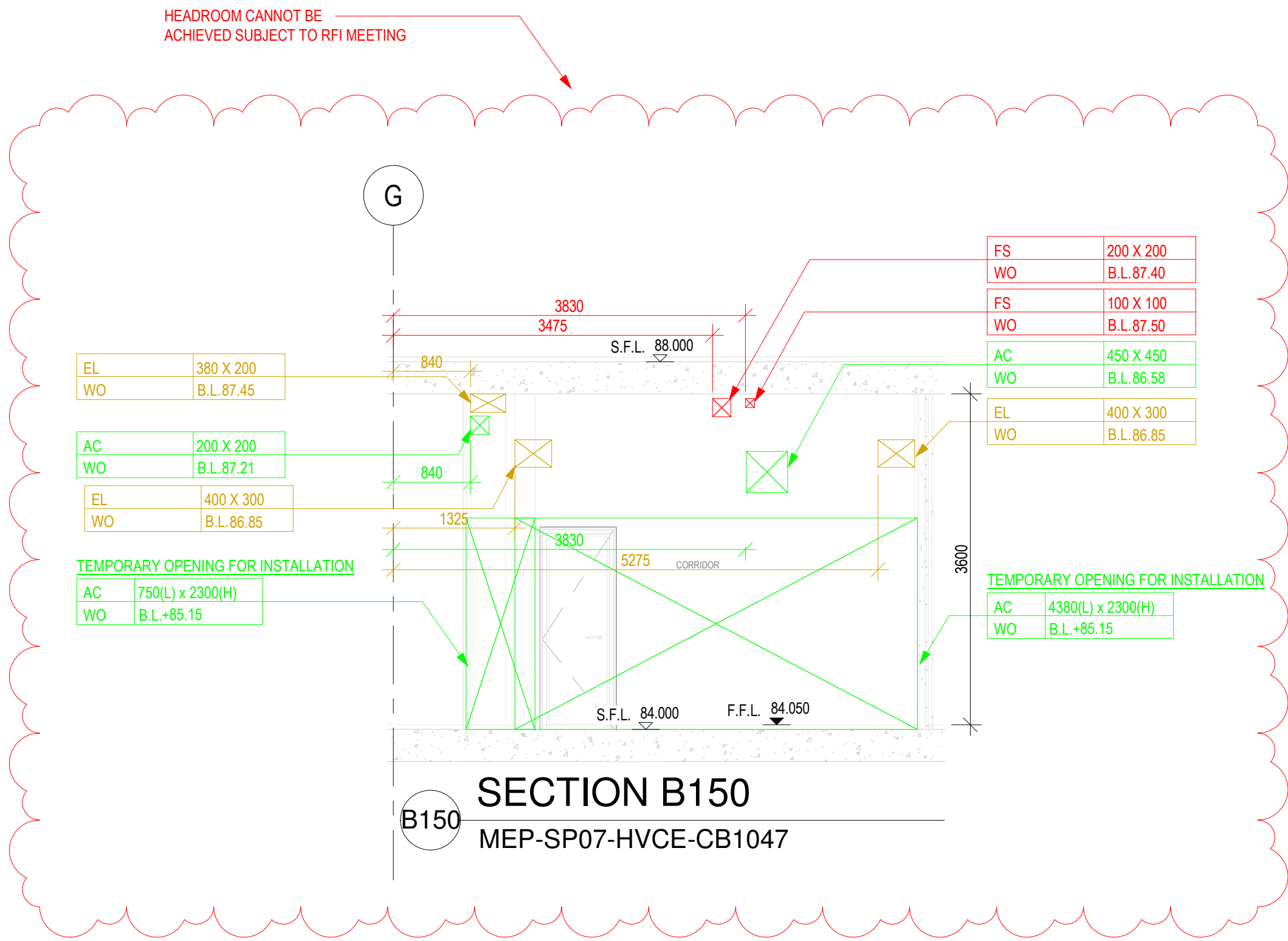
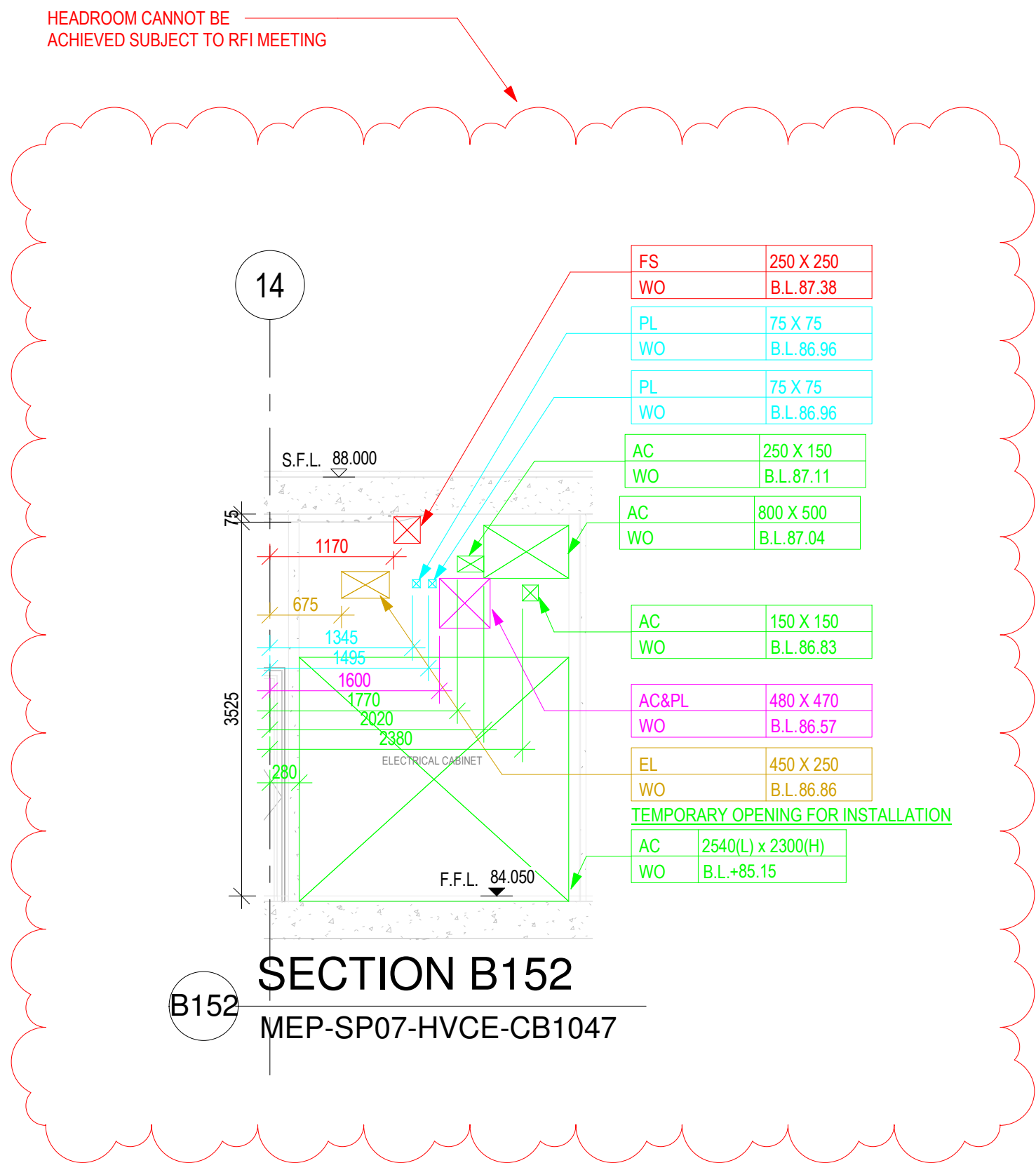
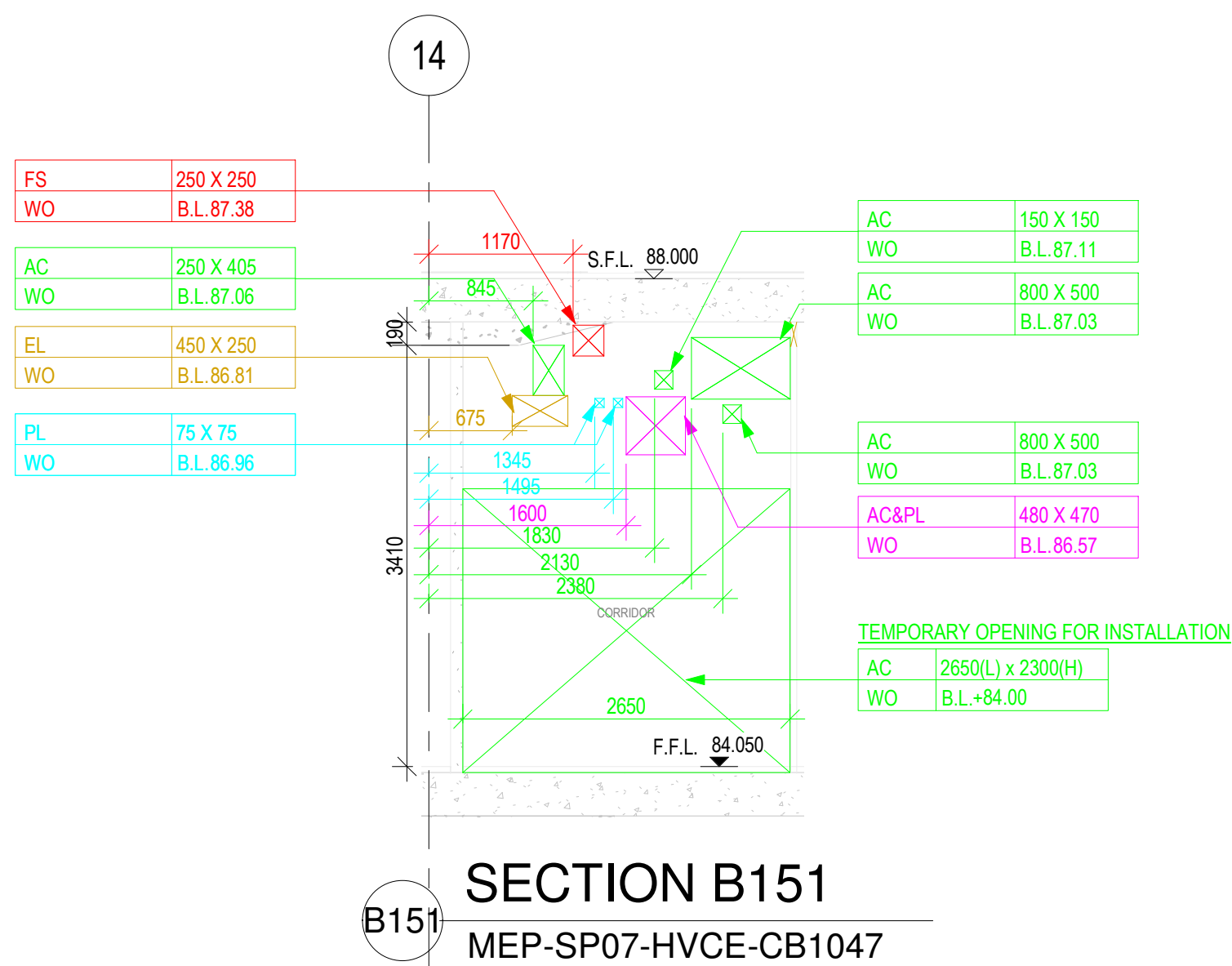
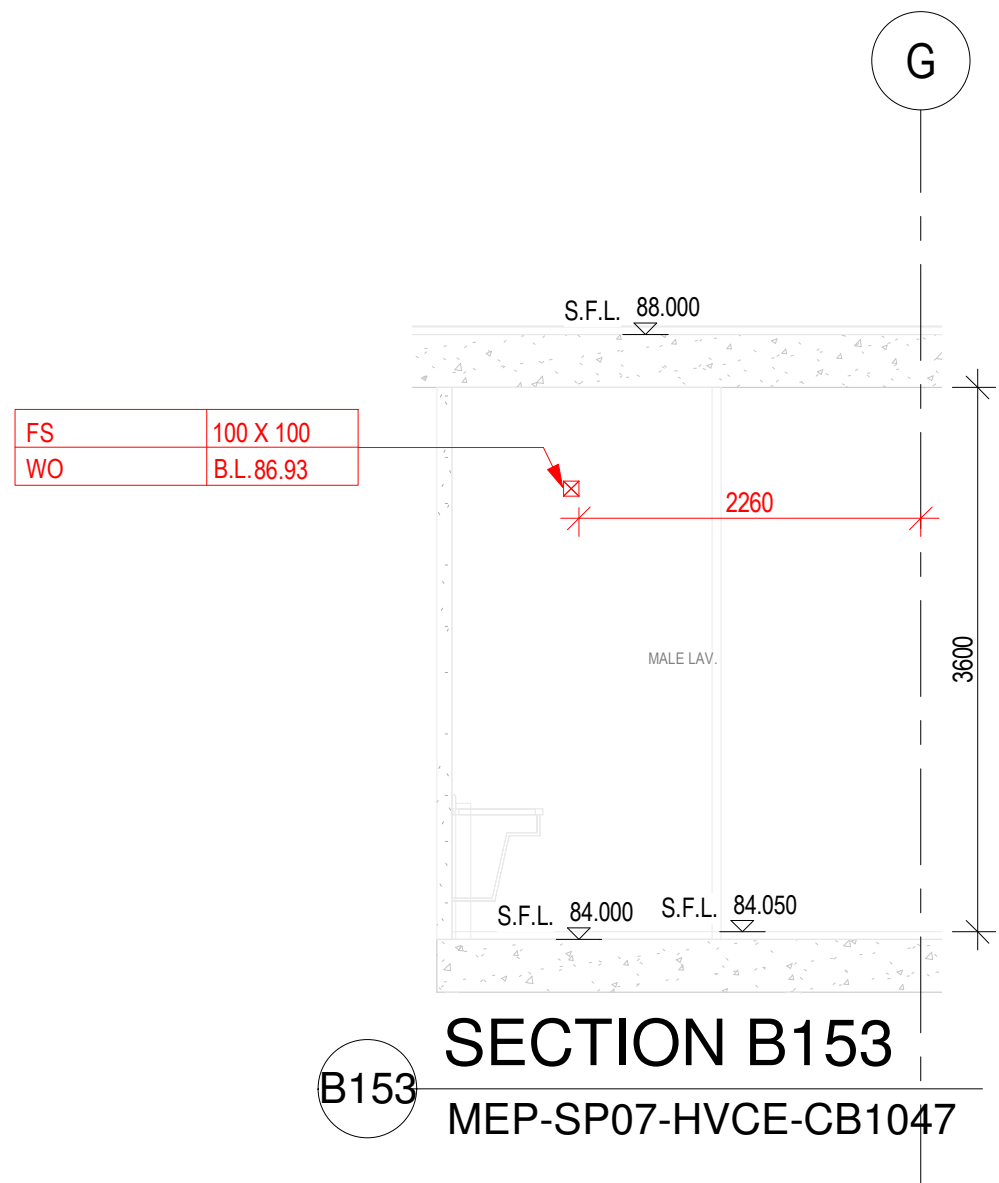


SECTION B146
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE			
F.S.D.REFERENCE			
KEYPLAN			
			
DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.			
NOTES: 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL. 3. A. AC - HVAC SERVICES DR - DRAINAGE SERVICES EL - ELECTRICAL SERVICES ELV - ELV SERVICES FS - FIRE SERVICES PL - PLUMBING SERVICES WO - WALL OPENING SD - SLAB OPENING BS - FLOOR BEAM OPENING HB - HANGING BEAM RE - RECESSES C. OPENING SIZE (W X H) D. BOTTOM LEVEL CL - CENTER LEVEL OF PIPE SLEEVE			
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL. 6. ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.			
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION			
TRADE	DWG. NO.	REV.	
ARCH	2016 (AI-185)	4	
STR	L801 (AI-047)	D	
HVAC	2502303A-AC-212 (AI-114)	B	
FS	2502303A-FS-212 (AI-114)	C	
PL	2502303A-PL-211 (AI-140)	B	
DR	2502303A-DR-212 (AI-140)	B	
GAS	TC-SH-ICE-DOOF	-	
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-	
EL(POWER)	2502303A-EL-312 (AI-114)	C	
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C	
EL(VLV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C	
SEC(Security)	2502303A-SEC-212 (AI-114)	A	
SERVICES PROVIDE		COLOUR CODE NO.	
ARCHITECTURE (ARCH)		COLOUR CODE: 255 255 255	
STRUCTURE (STR)		COLOUR CODE: 128 128 128	
HVAC SERVICES (AC)		COLOUR CODE: 0 255 0	
DRAINAGE SERVICES (DR)		COLOUR CODE: 0 0 255	
ELECTRICAL SERVICES (EL)		COLOUR CODE: 210 160 0	
ELECTRICAL SERVICES (ELV)		COLOUR CODE: 128 0 0	
GAS SERVICES (GAS)		COLOUR CODE: 128 0 255	
FIRE SERVICES (FS)		COLOUR CODE: 255 0 0	
PLUMBING SERVICES (PL)		COLOUR CODE: 0 255 255	
KITCHEN SERVICES (KE)		COLOUR CODE: 255 128 0	
COMBINED OPENING		COLOUR CODE: 255 0 255	
REV			
1ST CBWD SUBMISSION		19-07-2018	
DESCRIPTION		DATE	INIT
- DO NOT SCALE DRAWINGS. - ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.			
CLIENT			
DESIGN ARCHITECT			
EXECUTIVE ARCHITECT			
STRUCTURAL & GEOTECHNICAL ENGINEER			
M&E CONSULTANT			
MAIN CONTRACTOR			
SUB-CONTRACTOR			
PROJECT			
DRAWING TITLE COMBINED BUILDER'S WORK DRAWING MAIN BUILDING 8/F SECTIONS SHEET 56 OF 66			
DRAWN			
CHECKED			
SCALE		1 : 50 @ A1	DATE
DRAWING NO.		REV	
MEP-SP07-HVCE-CB26006			-



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE
B. - STRUCTURE
C. - DRAINAGE SERVICES
D. - ELECTRICAL SERVICES
E. - ELV SERVICES
F. - FIRE SERVICES
G. - PLUMBING SERVICES
H. - WALL OPENING
I. - SLAB OPENING
J. - FLOOR BEAM OPENING
K. - HATCH BEAM
L. - RECESSES
M. - OPENING SIZE (W X H)
N. - BOTTOM LEVEL
O. - CENTER LEVEL OF PIPE SLEEVE
P. - ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL
Q. - ALL DEPTH OF RECESS FOR PBO INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
EL(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 57 OF 66

DRAWN

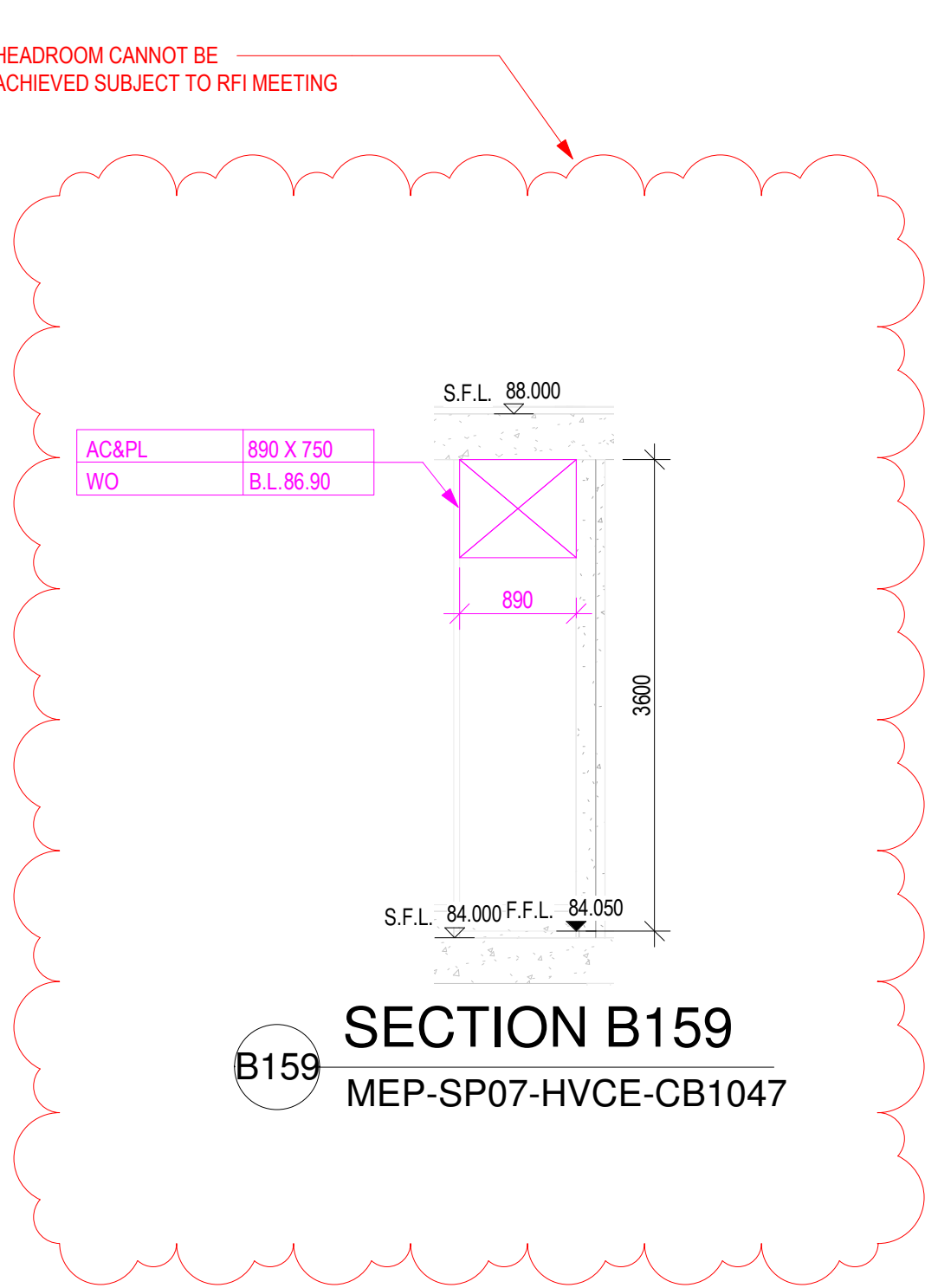
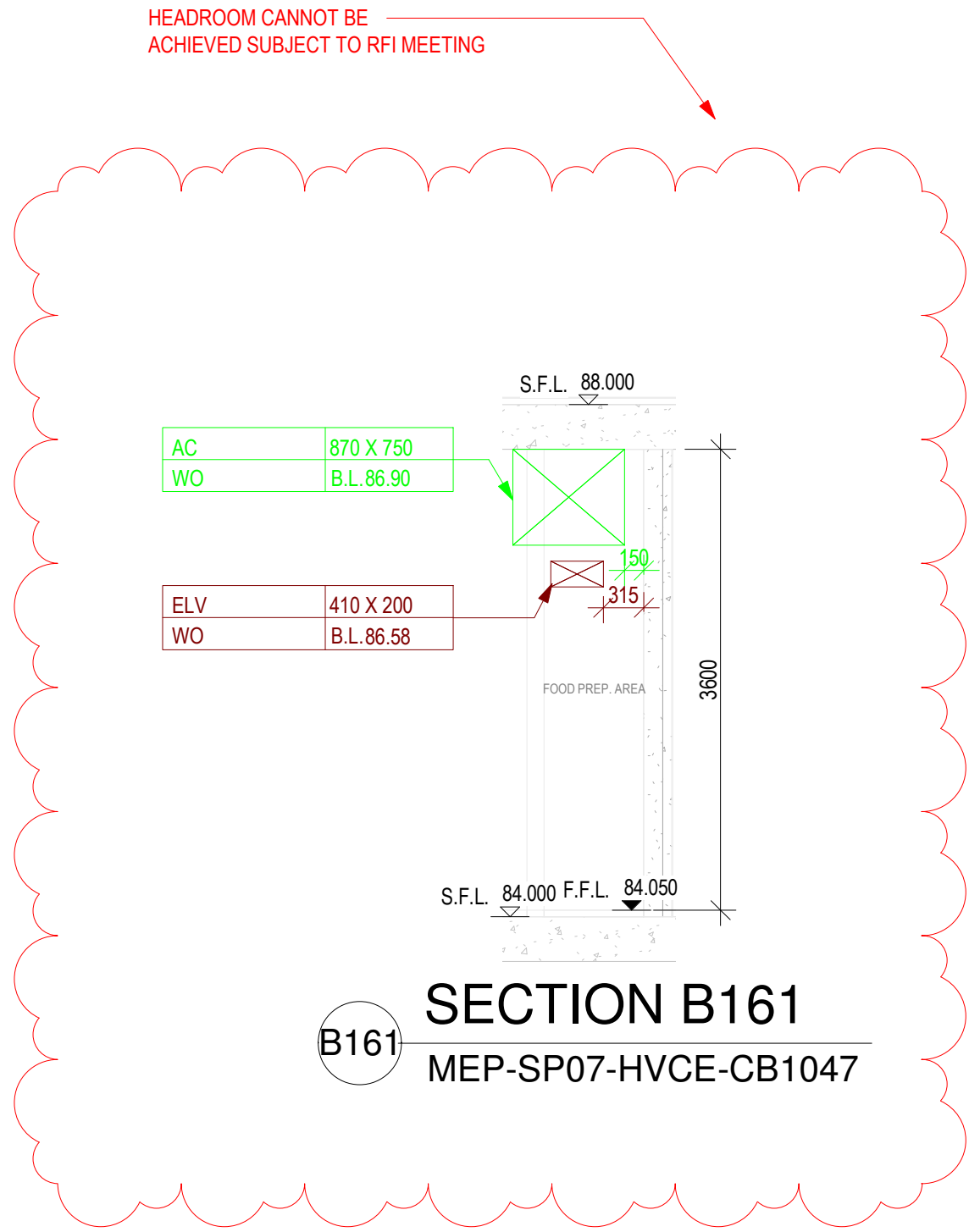
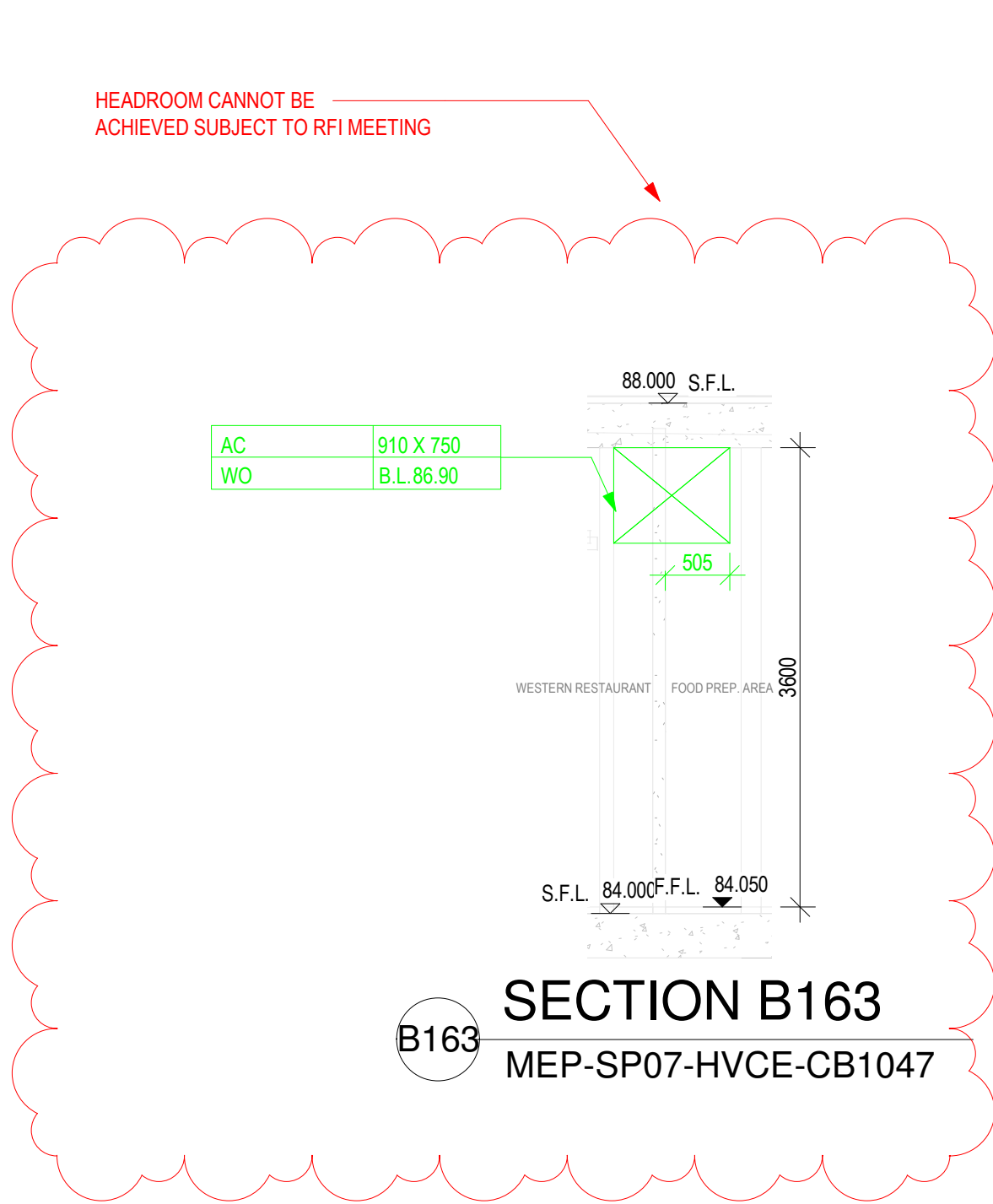
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SCALE 1 : 50 @ A1

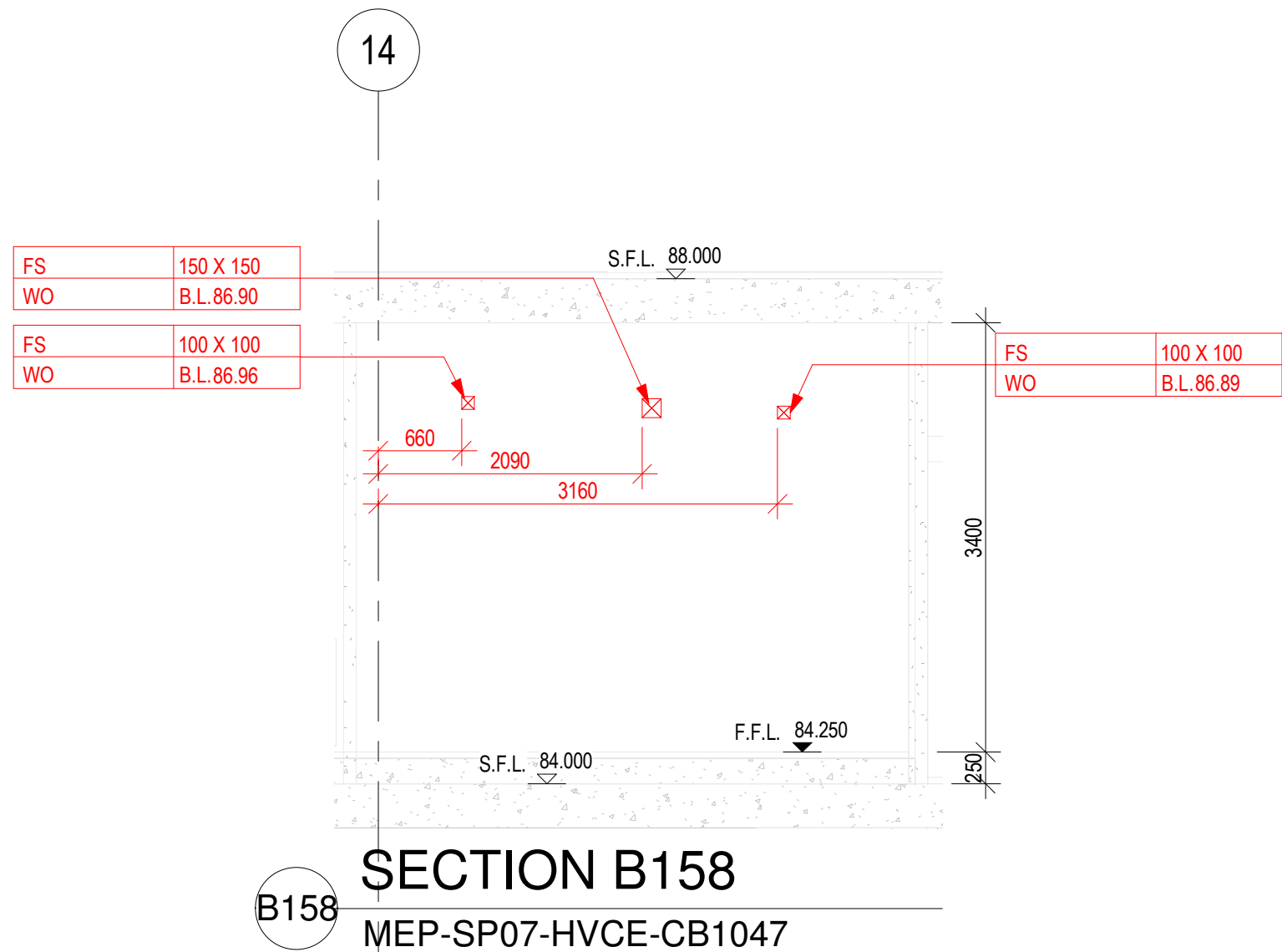
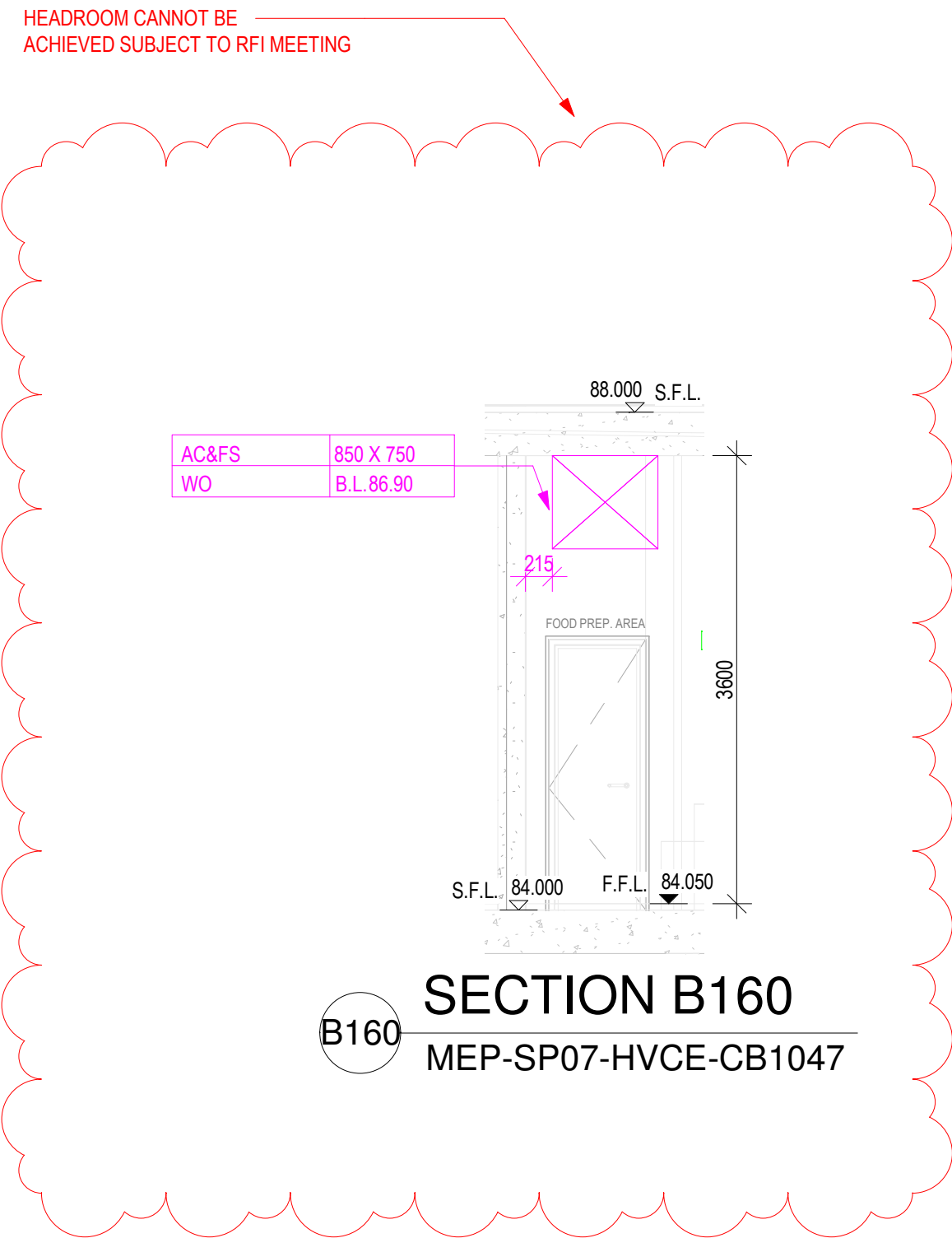
DATE 19-07-2018

DRAWING NO. REV

MEP-SP07-HVCE-CB2607



SECTION B162
MEP-SP07-HVCE-CB1047



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - MECHANICAL SERVICES
B. DR - DRAINAGE SERVICES
C. EL - ELECTRICAL SERVICES
D. ELV - ELEVATOR SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. WO - WALL OPENING
H. SL - SLAB OPENING
I. SD - FLOOR BEAM OPENING
J. HB - HATCH BEAM
K. RE - RECESSES
L. OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. C.L. - CENTER LEVEL OF PIPE SLEEVE
O. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
P. ALL DEPTH OF RECESS FOR RFI INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-212 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
ELV(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	

DO NOT SCALE DRAWINGS.

ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 59 OF 66

DRAWN

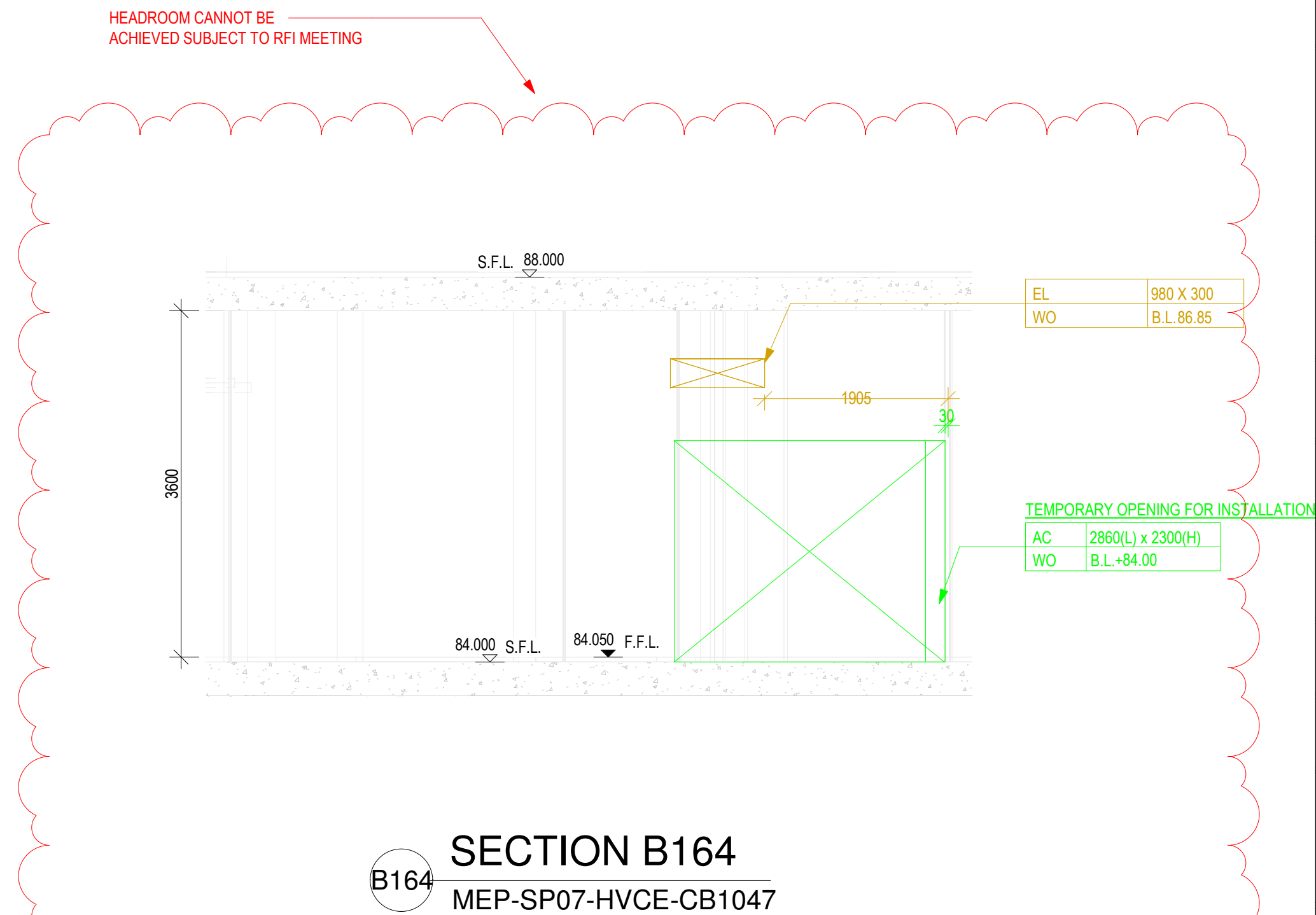
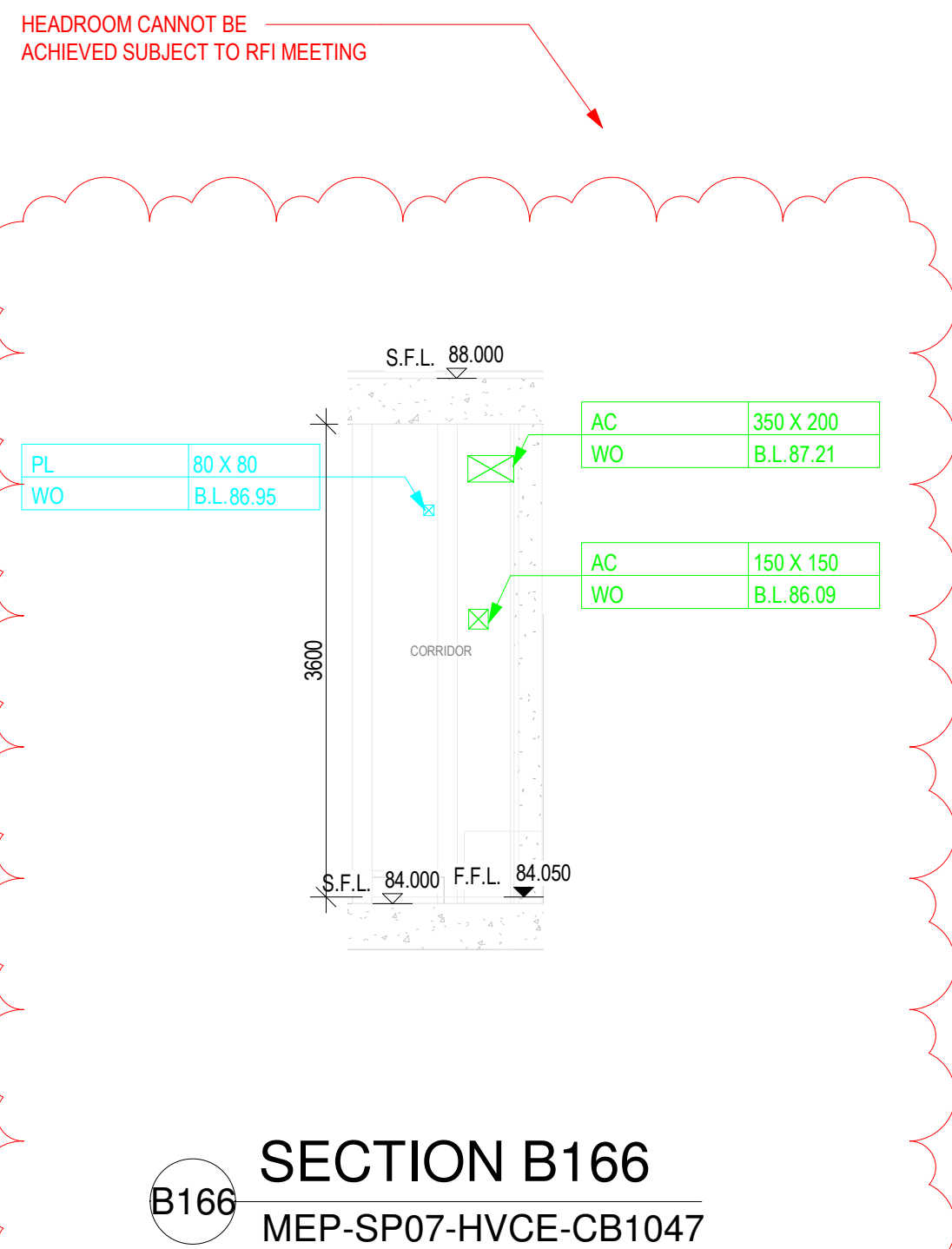
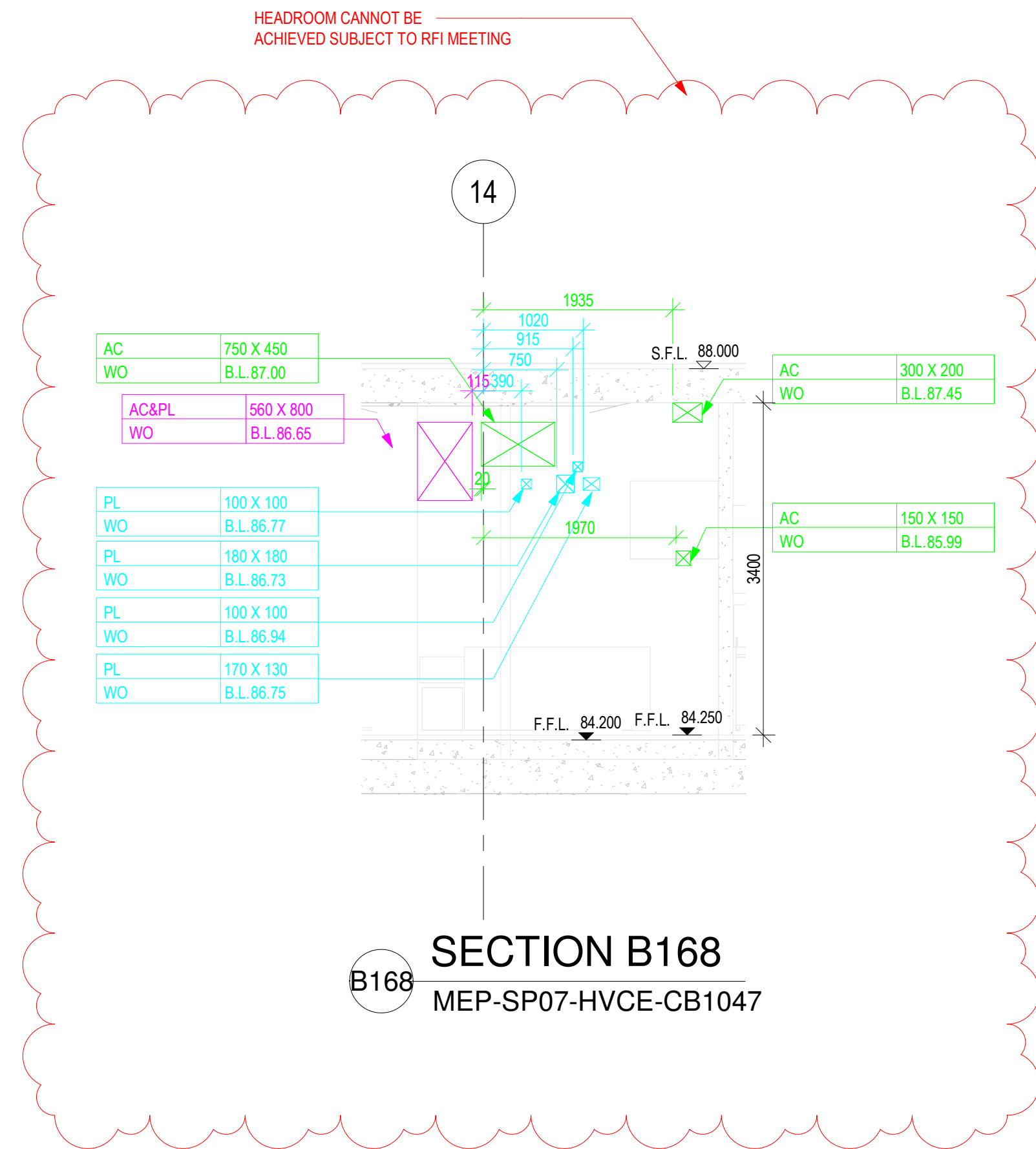
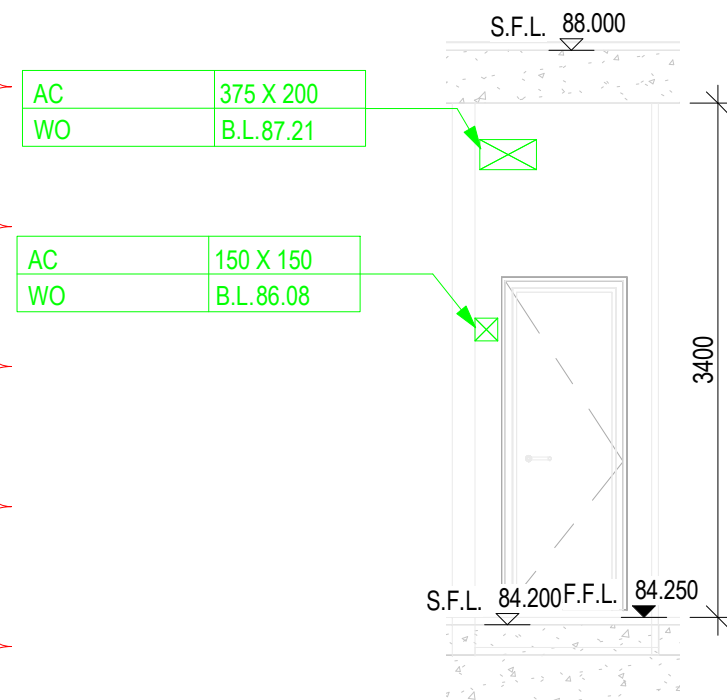
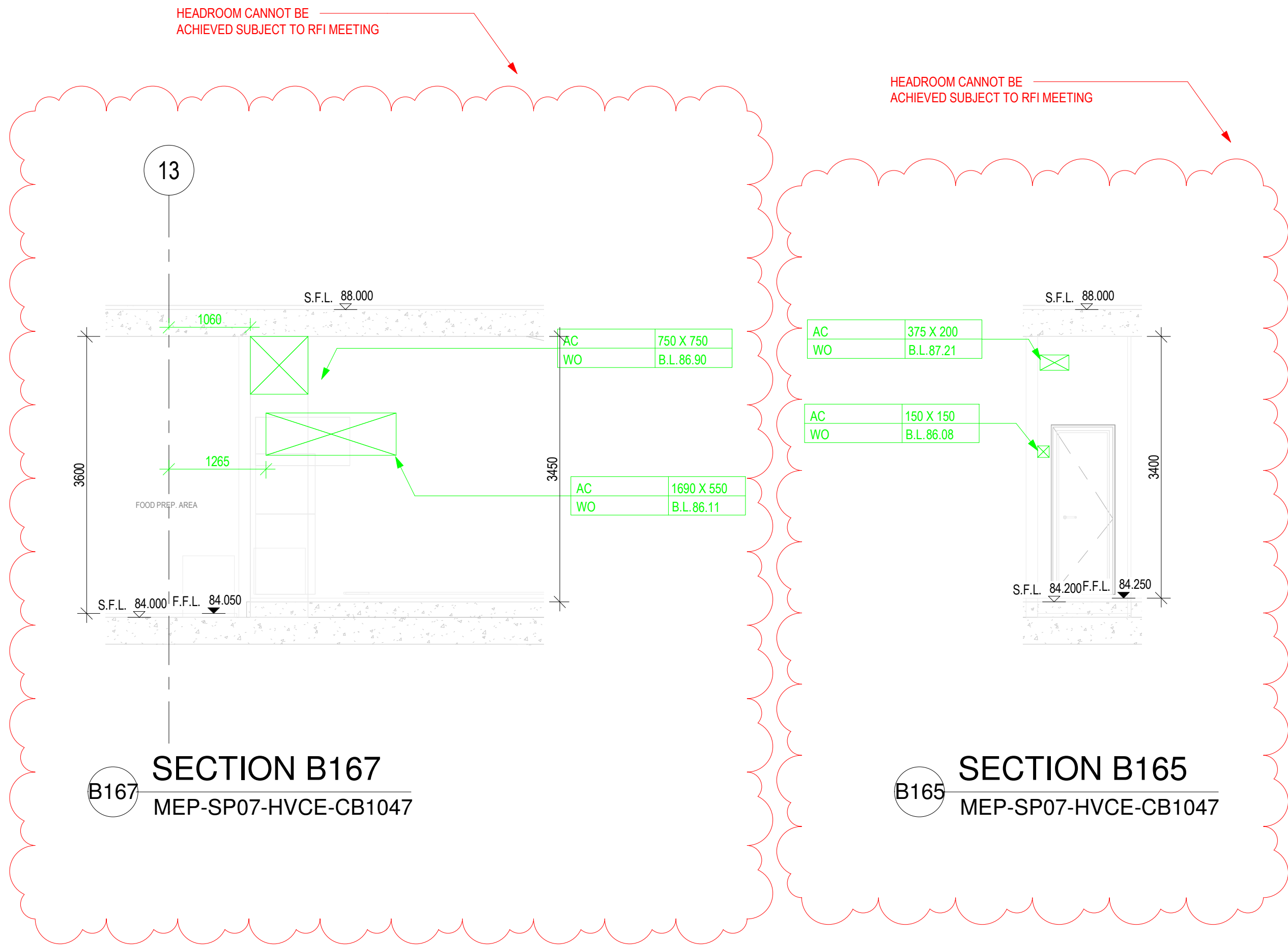
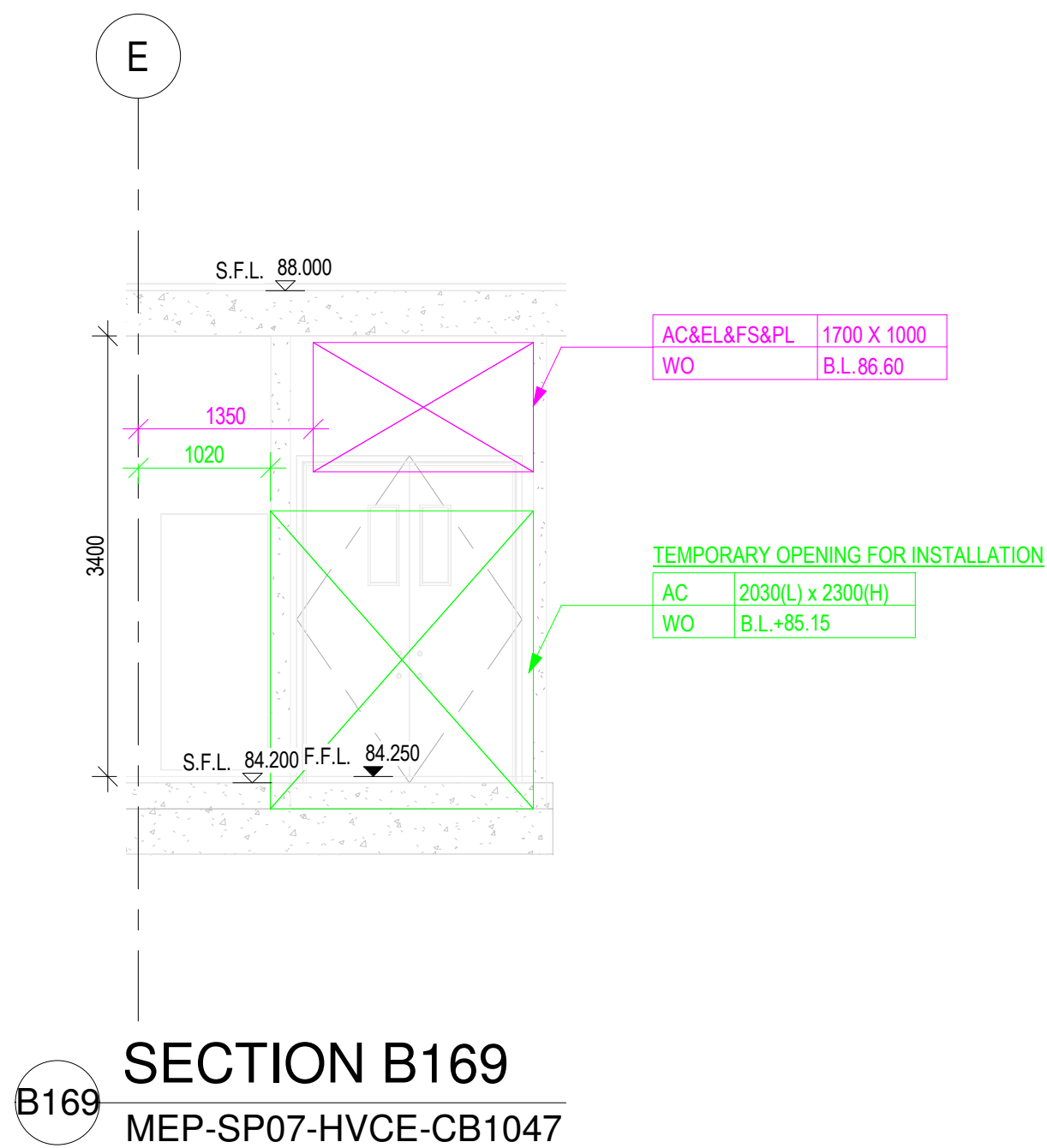
CHECKED

SCALE 1 : 50 @ A1

DATE 19-07-2018

DRAWING NO. MEP-SP07-HVCE- CB2609

REV -



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. AC - ARCHITECTURE SERVICES
B. DR - DRAINAGE SERVICES
C. EL - ELECTRICAL SERVICES
D. FS - FIRE SERVICES
E. PL - PLUMBING SERVICES
F. WO - WALL OPENING
G. SD - SLAB OPENING
H. B - FLOOR BEAM OPENING
I. HB - HATCH BEAM
J. RS - RECESSES
K. OPENING SIZE (W X H)
L. B.L. - BOTTOM LEVEL
M. C.L. - CENTER LEVEL OF PIPE SLEEVE

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG. NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AC-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	TC-SH-ICE-DOOF	-
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-
EL(POWER)	2502303A-EL-312 (AI-114)	C
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C
EL(VELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
SEC(Security)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

SERVICES PROVIDE	COLOUR CODE
ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

REV. DESCRIPTION DATE INIT

DO NOT SCALE DRAWINGS.
ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 60 OF 66

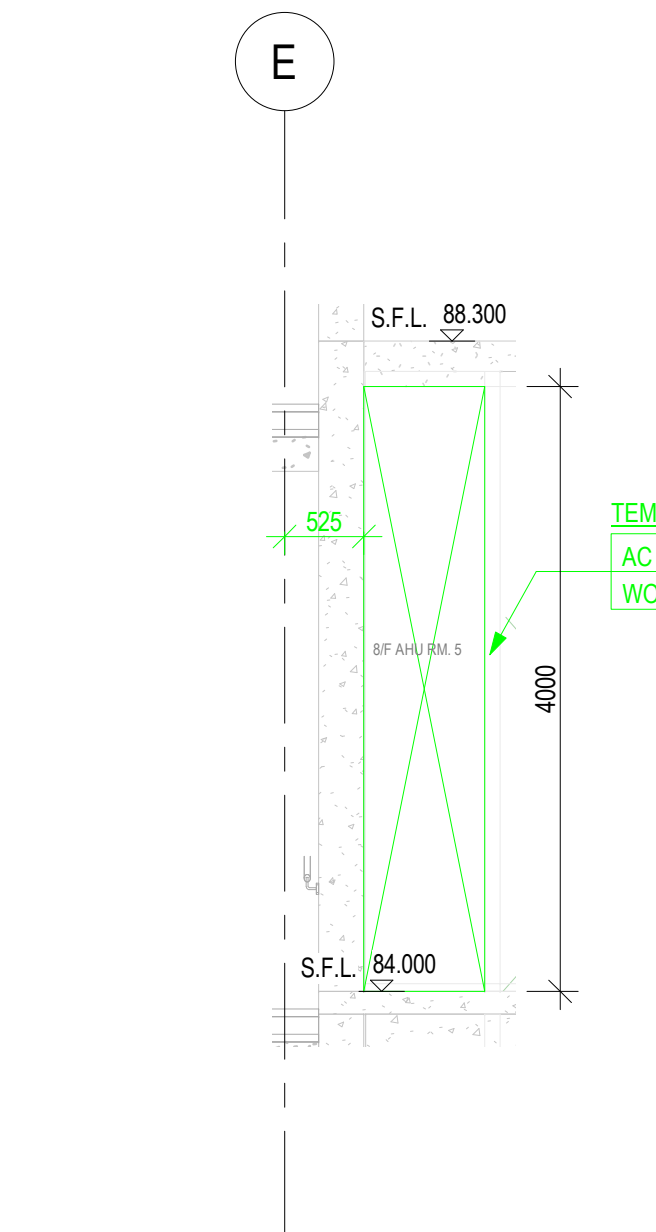
DRAWN

CHECKED

SCALE 1:50 @ A1 DATE 19-07-2018

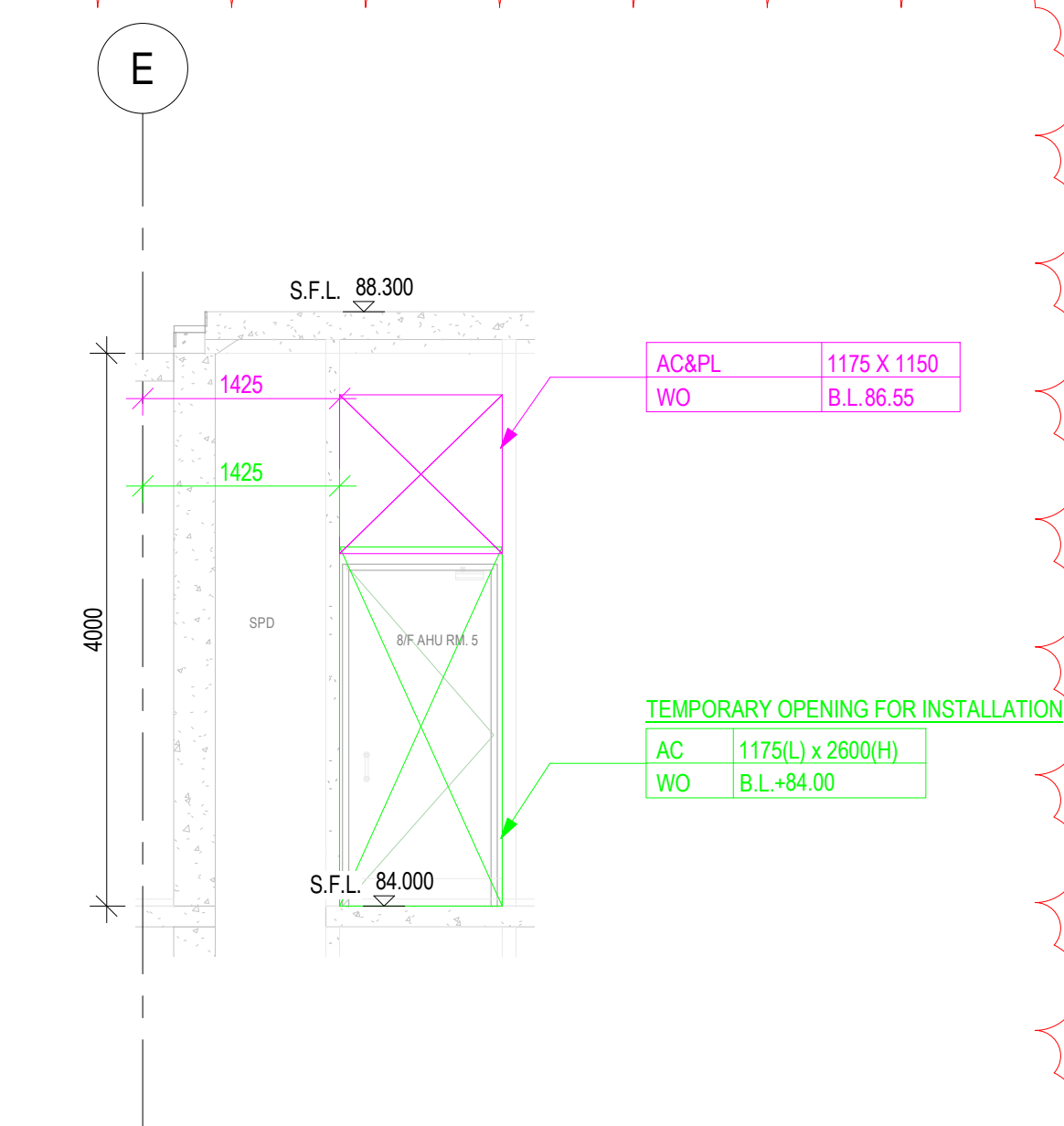
DRAWING NO. REV

MEP-SP07-HVCE-CB2610



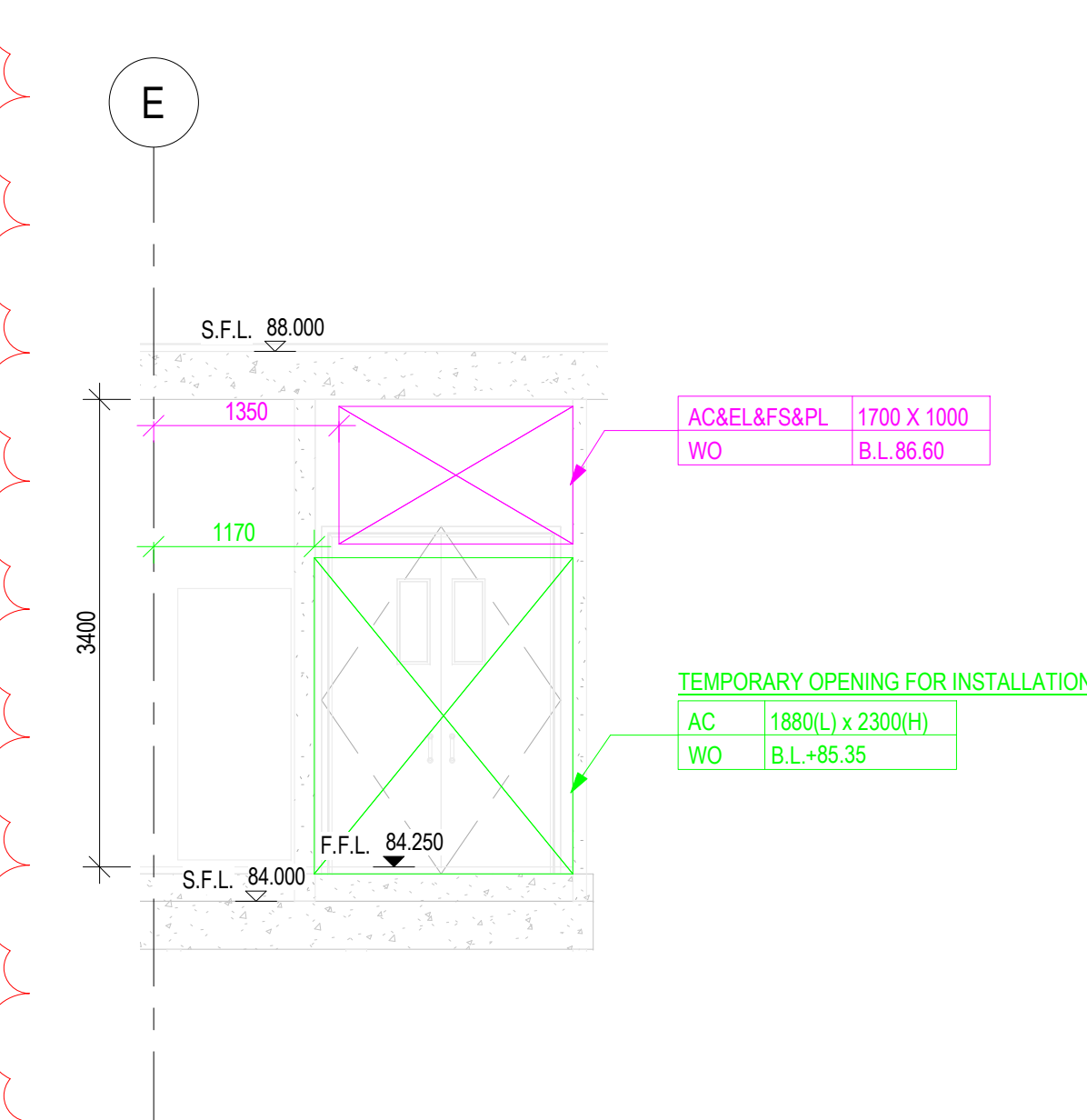
SECTION B175
MEP-SP07-HVCE-CB1047

SUBJECT TO GEM'S AHU ROOM ARRANGEMENT

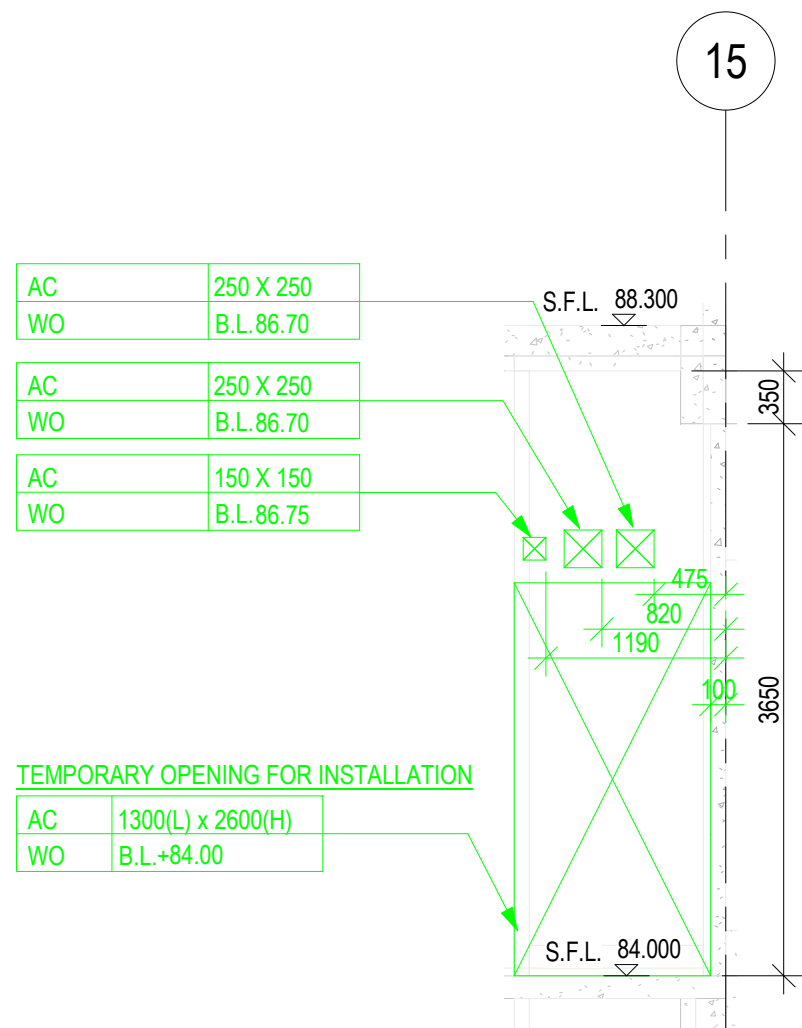


SECTION B173
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

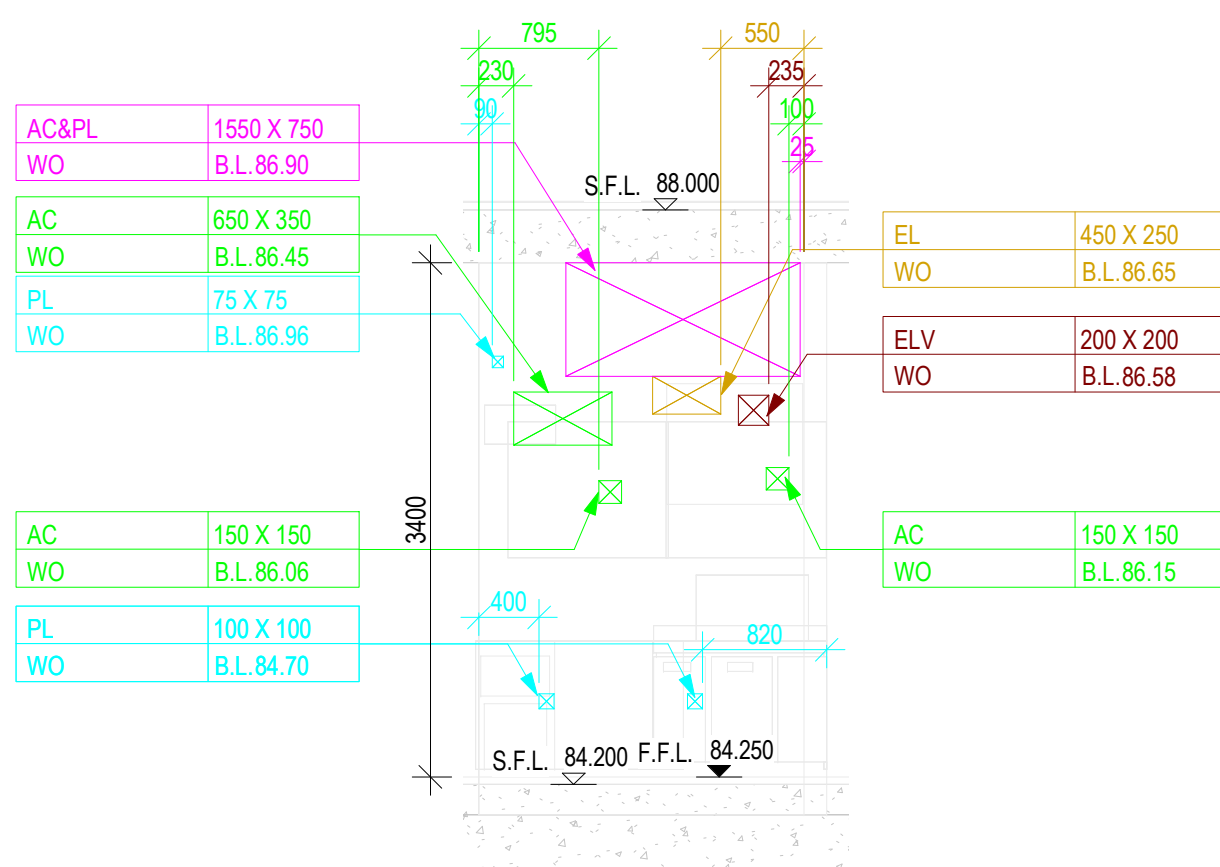


SECTION B171
MEP-SP07-HVCE-CB1047

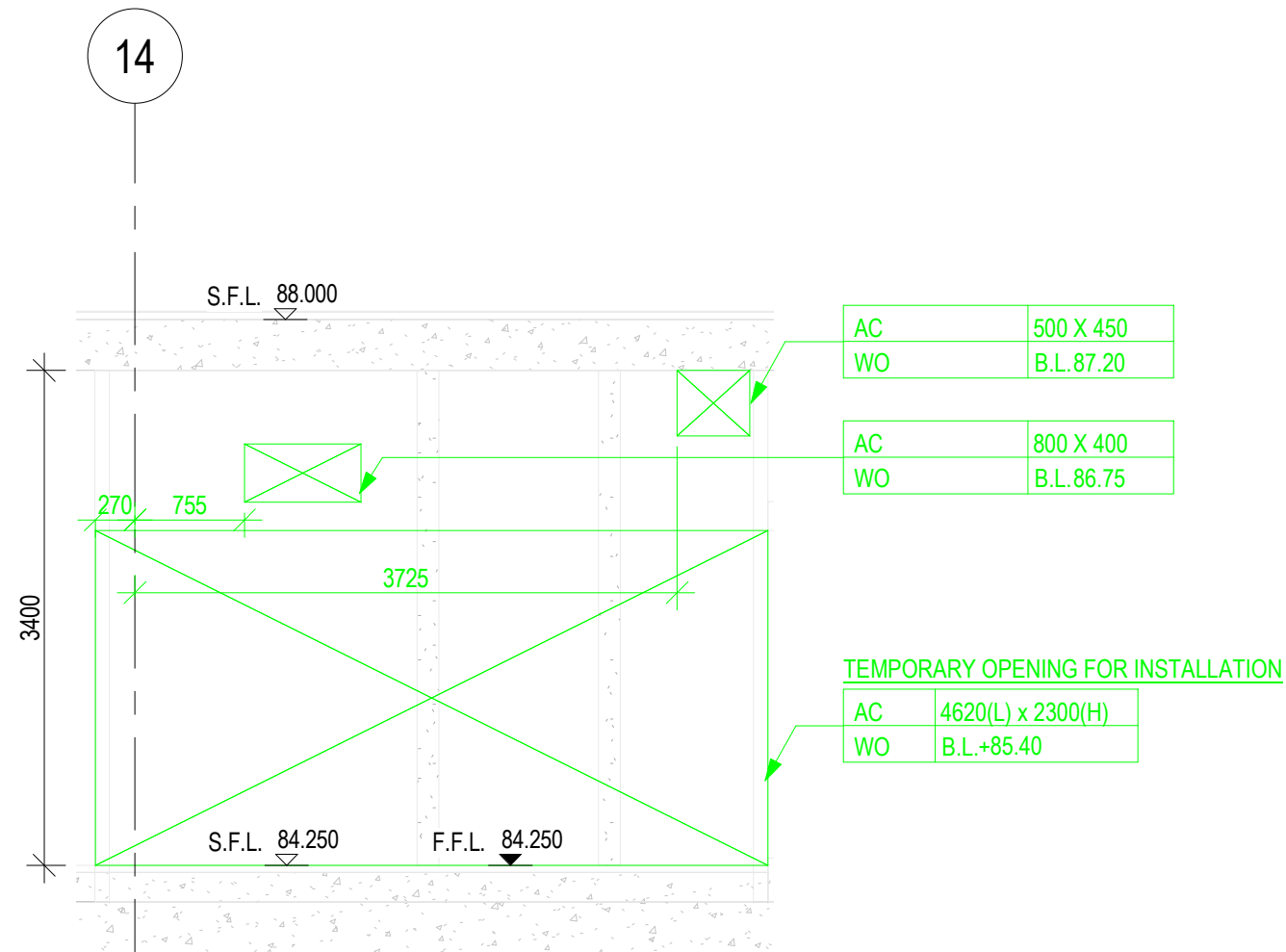


SECTION B174
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B172
MEP-SP07-HVCE-CB1047



SECTION B170
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. - ARCHITECTURE SERVICES
B. - ELECTRICAL SERVICES
C. - PLUMBING SERVICES
D. - FIRE SERVICES
E. - ELV SERVICES
F. - GAS SERVICES
G. - KITCHEN SERVICES
H. - MECHANICAL SERVICES
I. - STRUCTURE
J. - HVAC
K. - PLUMBING
L. - ELECTRICAL
M. - GAS
N. - FIRE
O. - ELV
P. - PLUMBING
Q. - ELECTRICAL
R. - GAS
S. - FIRE
T. - ELV
U. - PLUMBING
V. - ELECTRICAL
W. - GAS
X. - FIRE
Y. - ELV
Z. - PLUMBING
AA. - ELECTRICAL
AB. - GAS
AC. - FIRE
AD. - ELV
AE. - PLUMBING
AF. - ELECTRICAL
AG. - GAS
AH. - FIRE
AI. - ELV
AJ. - PLUMBING
AK. - ELECTRICAL
AL. - GAS
AM. - FIRE
AN. - ELV
AO. - PLUMBING
AP. - ELECTRICAL
AQ. - GAS
AR. - FIRE
AS. - ELV
AT. - PLUMBING
AU. - ELECTRICAL
AV. - GAS
AW. - FIRE
AX. - ELV
AY. - PLUMBING
AZ. - ELECTRICAL
BA. - GAS
BB. - FIRE
BC. - ELV
BD. - PLUMBING
BE. - ELECTRICAL
BF. - GAS
BG. - FIRE
BH. - ELV
BI. - PLUMBING
BJ. - ELECTRICAL
BK. - GAS
BL. - FIRE
BM. - ELV
BN. - PLUMBING
BO. - ELECTRICAL
BP. - GAS
BQ. - FIRE
BR. - ELV
BS. - PLUMBING
BT. - ELECTRICAL
BU. - GAS
BV. - FIRE
BW. - ELV
BX. - PLUMBING
BY. - ELECTRICAL
BZ. - GAS
CA. - FIRE
CB. - ELV
CC. - PLUMBING
CD. - ELECTRICAL
CE. - GAS
CF. - FIRE
CG. - ELV
CH. - PLUMBING
CI. - ELECTRICAL
CJ. - GAS
CK. - FIRE
CL. - ELV
CM. - PLUMBING
CN. - ELECTRICAL
CO. - GAS
CP. - FIRE
CQ. - ELV
CR. - PLUMBING
CS. - ELECTRICAL
CT. - GAS
CU. - FIRE
CV. - ELV
CW. - PLUMBING
CX. - ELECTRICAL
CY. - GAS
CZ. - FIRE
DA. - ELV
DB. - PLUMBING
DC. - ELECTRICAL
DD. - GAS
DE. - FIRE
DF. - ELV
DG. - PLUMBING
DH. - ELECTRICAL
DI. - GAS
DJ. - FIRE
DK. - ELV
DL. - PLUMBING
DM. - ELECTRICAL
DN. - GAS
DO. - FIRE
DP. - ELV
DQ. - PLUMBING
DR. - ELECTRICAL
DS. - GAS
DT. - FIRE
DU. - ELV
DV. - PLUMBING
DW. - ELECTRICAL
DX. - GAS
DY. - FIRE
DZ. - ELV
EA. - PLUMBING
EB. - ELECTRICAL
EC. - GAS
ED. - FIRE
EE. - ELV
EF. - PLUMBING
EG. - ELECTRICAL
EH. - GAS
EI. - FIRE
EJ. - ELV
EK. - PLUMBING
EL. - ELECTRICAL
EM. - GAS
EN. - FIRE
EO. - ELV
EP. - PLUMBING
EQ. - ELECTRICAL
ER. - GAS
ES. - FIRE
ET. - ELV
EU. - PLUMBING
EV. - ELECTRICAL
EW. - GAS
EX. - FIRE
EY. - ELV
EZ. - PLUMBING
FA. - ELECTRICAL
FB. - GAS
FC. - FIRE
FD. - ELV
FE. - PLUMBING
FF. - ELECTRICAL
FG. - GAS
FH. - FIRE
FI. - ELV
FJ. - PLUMBING
FK. - ELECTRICAL
FL. - GAS
FM. - FIRE
FN. - ELV
FO. - PLUMBING
FP. - ELECTRICAL
FQ. - GAS
FR. - FIRE
FS. - ELV
FT. - PLUMBING
FU. - ELECTRICAL
FV. - GAS
FW. - FIRE
FX. - ELV
FY. - PLUMBING
FZ. - ELECTRICAL
GA. - GAS
GB. - FIRE
GC. - ELV
GD. - PLUMBING
GE. - ELECTRICAL
GF. - GAS
GG. - FIRE
GH. - ELV
GI. - PLUMBING
GJ. - ELECTRICAL
GK. - GAS
GL. - FIRE
GM. - ELV
GN. - PLUMBING
GO. - ELECTRICAL
GP. - GAS
GQ. - FIRE
GR. - ELV
GS. - PLUMBING
GT. - ELECTRICAL
GU. - GAS
GV. - FIRE
GW. - ELV
GX. - PLUMBING
GY. - ELECTRICAL
GZ. - GAS
HA. - FIRE
HB. - ELV
HC. - PLUMBING
HD. - ELECTRICAL
HE. - GAS
HF. - FIRE
HG. - ELV
HH. - PLUMBING
HI. - ELECTRICAL
HJ. - GAS
HK. - FIRE
HL. - ELV
HM. - PLUMBING
HN. - ELECTRICAL
HO. - GAS
HP. - FIRE
HQ. - ELV
HR. - PLUMBING
HS. - ELECTRICAL
HT. - GAS
HU. - FIRE
HV. - ELV
HW. - PLUMBING
HX. - ELECTRICAL
HY. - GAS
HZ. - FIRE
IA. - ELV
IB. - PLUMBING
IC. - ELECTRICAL
ID. - GAS
IE. - FIRE
IF. - ELV
IG. - PLUMBING
IH. - ELECTRICAL
II. - GAS
IJ. - FIRE
IK. - ELV
IL. - PLUMBING
IM. - ELECTRICAL
IN. - GAS
IO. - FIRE
IP. - ELV
IQ. - PLUMBING
IR. - ELECTRICAL
IS. - GAS
IT. - FIRE
IU. - ELV
IV. - PLUMBING
IW. - ELECTRICAL
IX. - GAS
IY. - FIRE
IZ. - ELV
JA. - PLUMBING
JB. - ELECTRICAL
JC. - GAS
JD. - FIRE
JE. - ELV
JF. - PLUMBING
JG. - ELECTRICAL
JH. - GAS
JI. - FIRE
JJ. - ELV
JK. - PLUMBING
JL. - ELECTRICAL
JM. - GAS
JN. - FIRE
JO. - ELV
JP. - PLUMBING
JQ. - ELECTRICAL
JR. - GAS
JS. - FIRE
JT. - ELV
JU. - PLUMBING
JV. - ELECTRICAL
JW. - GAS
JX. - FIRE
JY. - ELV
JZ. - PLUMBING
KA. - ELECTRICAL
KB. - GAS
KC. - FIRE
KD. - ELV
KE. - PLUMBING
KF. - ELECTRICAL
KG. - GAS
KH. - FIRE
KI. - ELV
KJ. - PLUMBING
KK. - ELECTRICAL
KL. - GAS
KM. - FIRE
KN. - ELV
KO. - PLUMBING
KP. - ELECTRICAL
KQ. - GAS
KR. - FIRE
KS. - ELV
KT. - PLUMBING
KU. - ELECTRICAL
KV. - GAS
KW. - FIRE
KX. - ELV
KY. - PLUMBING
KZ. - ELECTRICAL
LA. - GAS
LB. - FIRE
LC. - ELV
LD. - PLUMBING
LE. - ELECTRICAL
LF. - GAS
LG. - FIRE
LH. - ELV
LI. - PLUMBING
LJ. - ELECTRICAL
LK. - GAS
LL. - FIRE
LM. - ELV
LN. - PLUMBING
LO. - ELECTRICAL
LP. - GAS
LQ. - FIRE
LR. - ELV
LS. - PLUMBING
LT. - ELECTRICAL
LU. - GAS
LV. - FIRE
LW. - ELV
LX. - PLUMBING
LY. - ELECTRICAL
LZ. - GAS
MA. - FIRE
MB. - ELV
MC. - PLUMBING
MD. - ELECTRICAL
ME. - GAS
MF. - FIRE
MG. - ELV
MH. - PLUMBING
MI. - ELECTRICAL
MJ. - GAS
MK. - FIRE
ML. - ELV
MN. - PLUMBING
MO. - ELECTRICAL
MP. - GAS
MQ. - FIRE
MR. - ELV
MS. - PLUMBING
MT. - ELECTRICAL
MU. - GAS
MV. - FIRE
MW. - ELV
MX. - PLUMBING
MY. - ELECTRICAL
MZ. - GAS
NA. - FIRE
NB. - ELV
NC. - PLUMBING
ND. - ELECTRICAL
NE. - GAS
NF. - FIRE
NG. - ELV
NH. - PLUMBING
NI. - ELECTRICAL
NJ. - GAS
NK. - FIRE
NL. - ELV
NM. - PLUMBING
NO. - ELECTRICAL
NP. - GAS
NQ. - FIRE
NR. - ELV
NS. - PLUMBING
NT. - ELECTRICAL
NU. - GAS
NV. - FIRE
NV. - ELV
NX. - PLUMBING
NY. - ELECTRICAL
NZ. - GAS
OA. - FIRE
OB. - ELV
OC. - PLUMBING
OD. - ELECTRICAL
OE. - GAS
OF. - FIRE
OG. - ELV
OH. - PLUMBING
OI. - ELECTRICAL
OJ. - GAS
OK. - FIRE
OL. - ELV
OM. - PLUMBING
ON. - ELECTRICAL
OO. - GAS
OP. - FIRE
OQ. - ELV
OR. - PLUMBING
OS. - ELECTRICAL
OT. - GAS
OU. - FIRE
OV. - ELV
OW. - PLUMBING
OX. - ELECTRICAL
OY. - GAS
OZ. - FIRE
PA. - ELV
PB. - PLUMBING
PC. - ELECTRICAL
PD. - GAS
PE. - FIRE
PF. - ELV
PG. - PLUMBING
PH. - ELECTRICAL
PI. - GAS
PJ. - FIRE
PK. - ELV
PL. - PLUMBING
PM. - ELECTRICAL
PN. - GAS
PO. - FIRE
PP. - ELV
PQ. - PLUMBING
PR. - ELECTRICAL
PS. - GAS
PT. - FIRE
PU. - ELV
PV. - PLUMBING
PW. - ELECTRICAL
PX. - GAS
PY. - FIRE
PZ. - ELV
QA. - PLUMBING
QB. - ELECTRICAL
QC. - GAS
QD. - FIRE
QE. - ELV
QF. - PLUMBING
QG. - ELECTRICAL
QH. - GAS
QI. - FIRE
QJ. - ELV
QK. - PLUMBING
QL. - ELECTRICAL
QM. - GAS
QN. - FIRE
QO. - ELV
QP. - PLUMBING
QQ. - ELECTRICAL
QR. - GAS
QS. - FIRE
QT. - ELV
QU. - PLUMBING
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QW. - GAS
QX. - FIRE
QY. - ELV
QZ. - PLUMBING
RA. - ELECTRICAL
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RE. - PLUMBING
RF. - ELECTRICAL
RG. - GAS
RH. - FIRE
RI. - ELV
RJ. - PLUMBING
RK. - ELECTRICAL
RL. - GAS
RM. - FIRE
RN. - ELV
RO. - PLUMBING
RP. - ELECTRICAL
RQ. - GAS
RR. - FIRE
RS. - ELV
RT. - PLUMBING
RU. - ELECTRICAL
RV. - GAS
RV. - FIRE
RX. - ELV
RY. - PLUMBING
RZ. - ELECTRICAL
SA. - GAS
SB. - FIRE
SC. - ELV
SD. - PLUMBING
SE. - ELECTRICAL
SF. - GAS
SG. - FIRE
SH. - ELV
SI. - PLUMBING
SJ. - ELECTRICAL
SK. - GAS
SL. - FIRE
SM. - ELV
SN. - PLUMBING
SO. - ELECTRICAL
SP. - GAS
SP. - FIRE
SQ. - ELV
SR. - PLUMBING
SS. - ELECTRICAL
ST. - GAS
ST. - FIRE
SU. - ELV
SV. - PLUMBING
SV. - ELECTRICAL
SW. - GAS
SX. - FIRE
SY. - ELV
SZ. - PLUMBING
TA. - ELECTRICAL
TB. - GAS
TC. - FIRE
TD. - ELV
TE. - PLUMBING
TF. - ELECTRICAL
TG. - GAS
TH. - FIRE
TI. - ELV
TJ. - PLUMBING
TK. - ELECTRICAL
TL. - GAS
TM. - FIRE
TN. - ELV
TO. - PLUMBING
TP. - ELECTRICAL
TP. - GAS
TQ. - FIRE
TR. - ELV
TS. - PLUMBING
TU. - ELECTRICAL
TV. - GAS
TV. - FIRE
TX. - ELV
TY. - PLUMBING
TZ. - ELECTRICAL
UA. - GAS
UB. - FIRE
UC. - ELV
UD. - PLUMBING
UE. - ELECTRICAL
UF. - GAS
UG. - FIRE
UH. - ELV
UI. - PLUMBING
UJ. - ELECTRICAL
UK. - GAS
UL. - FIRE
UM. - ELV
UN. - PLUMBING
UN. - ELECTRICAL
UO. - GAS
UP. - FIRE
UQ. - ELV
UR. - PLUMBING
US. - ELECTRICAL
UT. - GAS
UT. - FIRE
UV. - ELV
UV. - PLUMBING
UX. - ELECTRICAL
UY. - GAS
UZ. - FIRE
VA. - ELV
VB. - PLUMBING
VC. - ELECTRICAL
VD. - GAS
VE. - FIRE
VF. - ELV
VG. - PLUMBING
VH. - ELECTRICAL
VI. - GAS
VJ. - FIRE
VK. - ELV
VL. - PLUMBING
VM. - ELECTRICAL
VN. - GAS
VO. - FIRE
VP. - ELV
VQ. - PLUMBING
VR. - ELECTRICAL
VS. - GAS
VS. - FIRE
VX. - ELV
VY. - PLUMBING
VZ. - ELECTRICAL
WA. - GAS
WB. - FIRE
WC. - ELV
WD. - PLUMBING
WE. - ELECTRICAL
WF. - GAS
WG. - FIRE
WH. - ELV
WI. - PLUMBING
WJ. - ELECTRICAL
WK. - GAS
WL. - FIRE
WM. - ELV
WN. - PLUMBING
WO. - ELECTRICAL
WP. - GAS
WP. - FIRE
WQ. - ELV
WR. - PLUMBING
WS. - ELECTRICAL
WT. - GAS
WT. - FIRE
WU. - ELV
WV. - PLUMBING
WV. - ELECTRICAL
WX. - GAS
WY. - FIRE
WZ. - ELV
XA. - PLUMBING
XB. - ELECTRICAL
XC. - GAS
XD. - FIRE
XE. - ELV
XF. - PLUMBING
XG. - ELECTRICAL
XH. - GAS
XI. - FIRE
XJ. - ELV
XK. - PLUMBING
XL. - ELECTRICAL
XM. - GAS
XN. - FIRE
XO. - ELV
XP. - PLUMBING
XQ. - ELECTRICAL
XR. - GAS
XS. - FIRE
XT. - ELV
XT. - PLUMBING
XU. - ELECTRICAL
XV. - GAS
XV. - FIRE
XW. - ELV
XY. - PLUMBING
XZ. - ELECTRICAL
YA. - GAS
YB. - FIRE
YC. - ELV
YD. - PLUMBING
YE. - ELECTRICAL
YF. - GAS
YG. - FIRE
YH. - ELV
YI. - PLUMBING
YJ. - ELECTRICAL
YK. - GAS
YL. - FIRE
YM. - ELV
YN. - PLUMBING
YO. - ELECTRICAL
YP. - GAS
YP. - FIRE
YQ. - ELV
YR. - PLUMBING
YS. - ELECTRICAL
YT. - GAS
YT. - FIRE
YU. - ELV
YV. - PLUMBING
YV. - ELECTRICAL
YW. - GAS
YX. - FIRE
YZ. - ELV
ZA. - PLUMBING
ZB. - ELECTRICAL
ZC. - GAS
ZD. - FIRE
ZE. - ELV
ZF. - PLUMBING
ZG. - ELECTRICAL
ZH. - GAS
ZI. - FIRE
ZJ. - ELV
ZK. - PLUMBING
ZL. - ELECTRICAL
ZM. - GAS
ZN. - FIRE
ZO. - ELV
ZP. - PLUMBING
ZQ. - ELECTRICAL
ZR. - GAS
ZR. - FIRE
ZS. - ELV
ZT. - PLUMBING
ZU. - ELECTRICAL
ZV. - GAS
ZV. - FIRE
ZX. - ELV
ZY. - PLUMBING
ZZ. - ELECTRICAL

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 61 OF 66

DRAWN

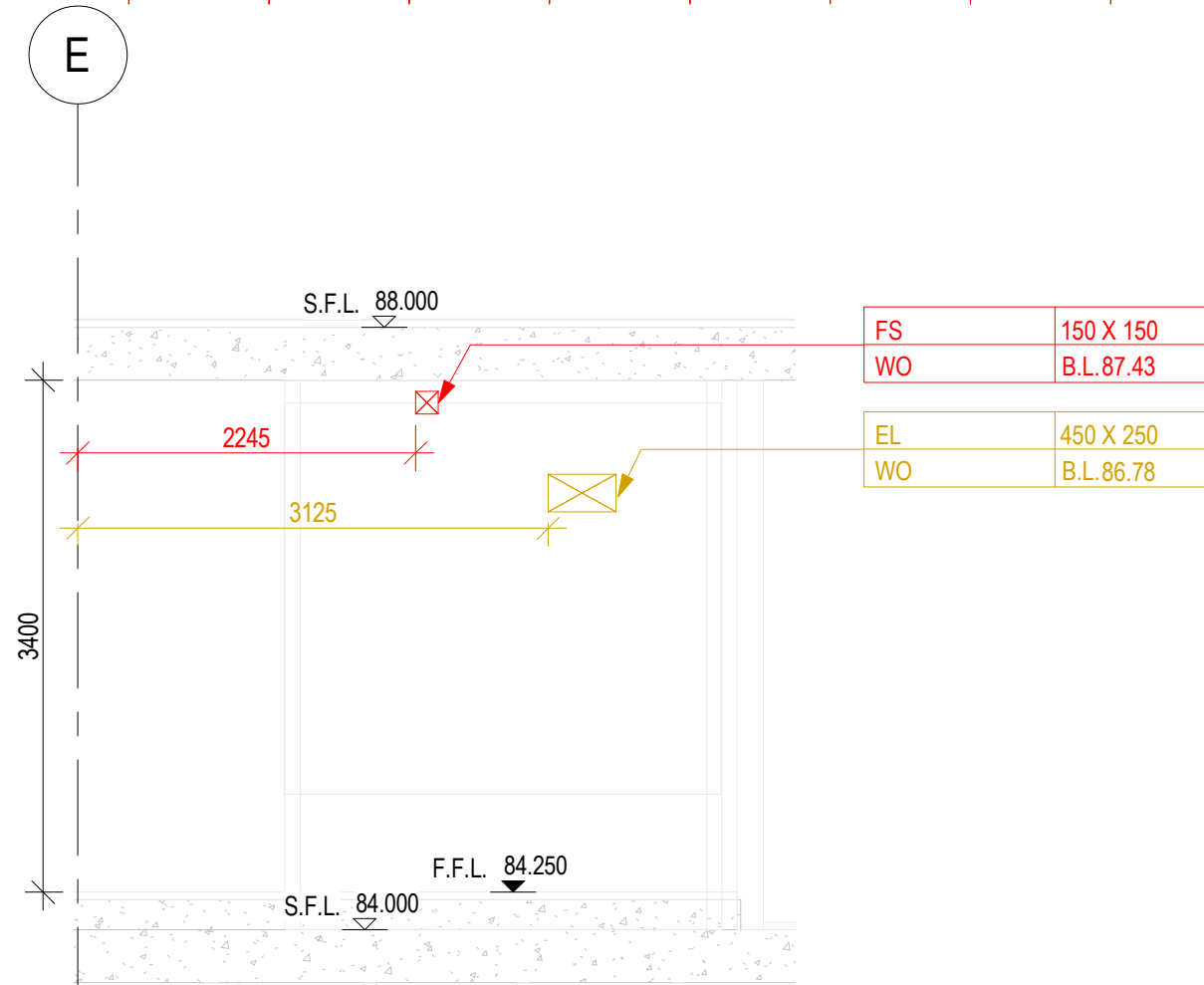
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SCALE 1:50 @ A1 DATE 19-07-2018

DRAWING NO. REV

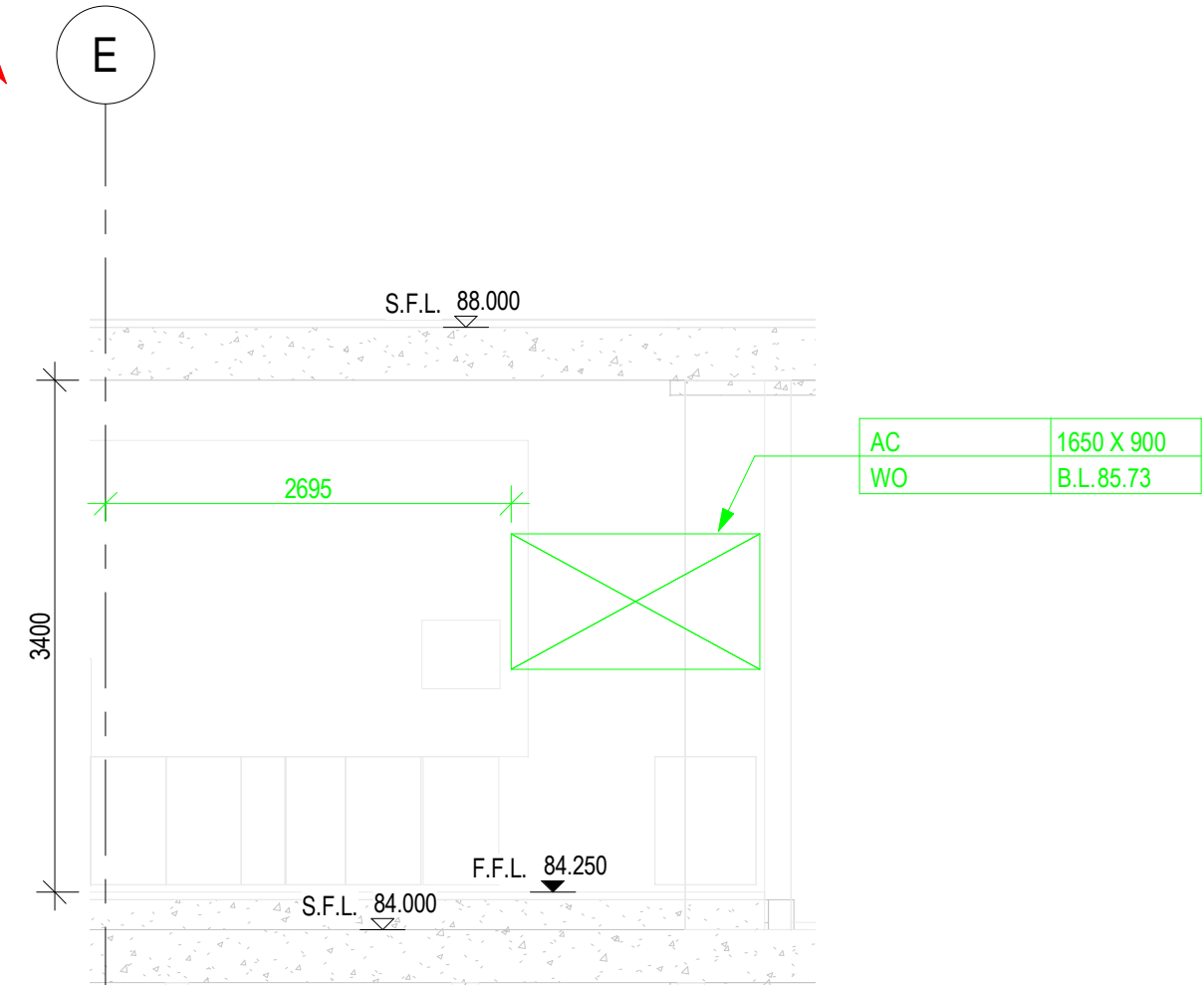
MEP-SP07-HVCE-CB2611

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



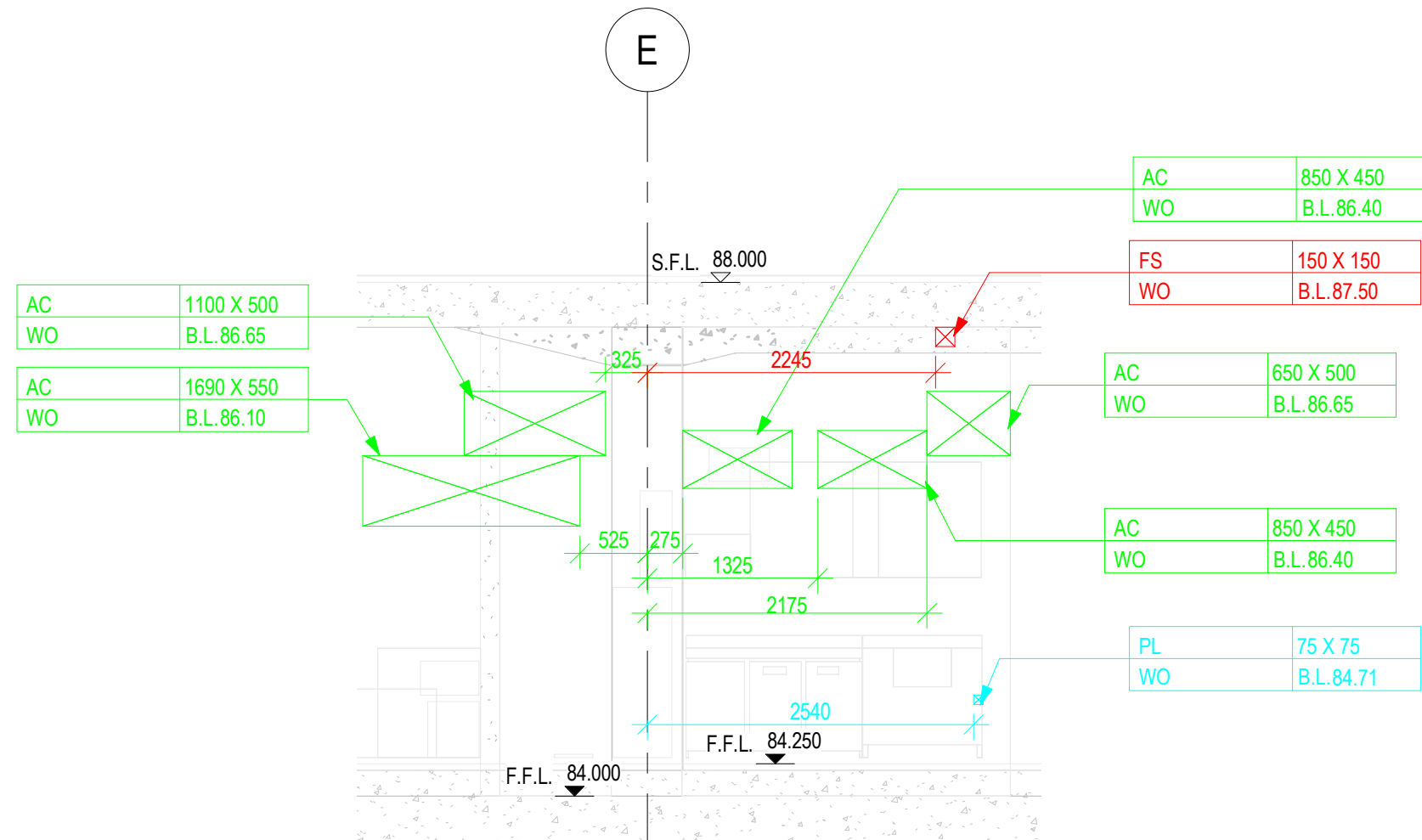
SECTION B179
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING

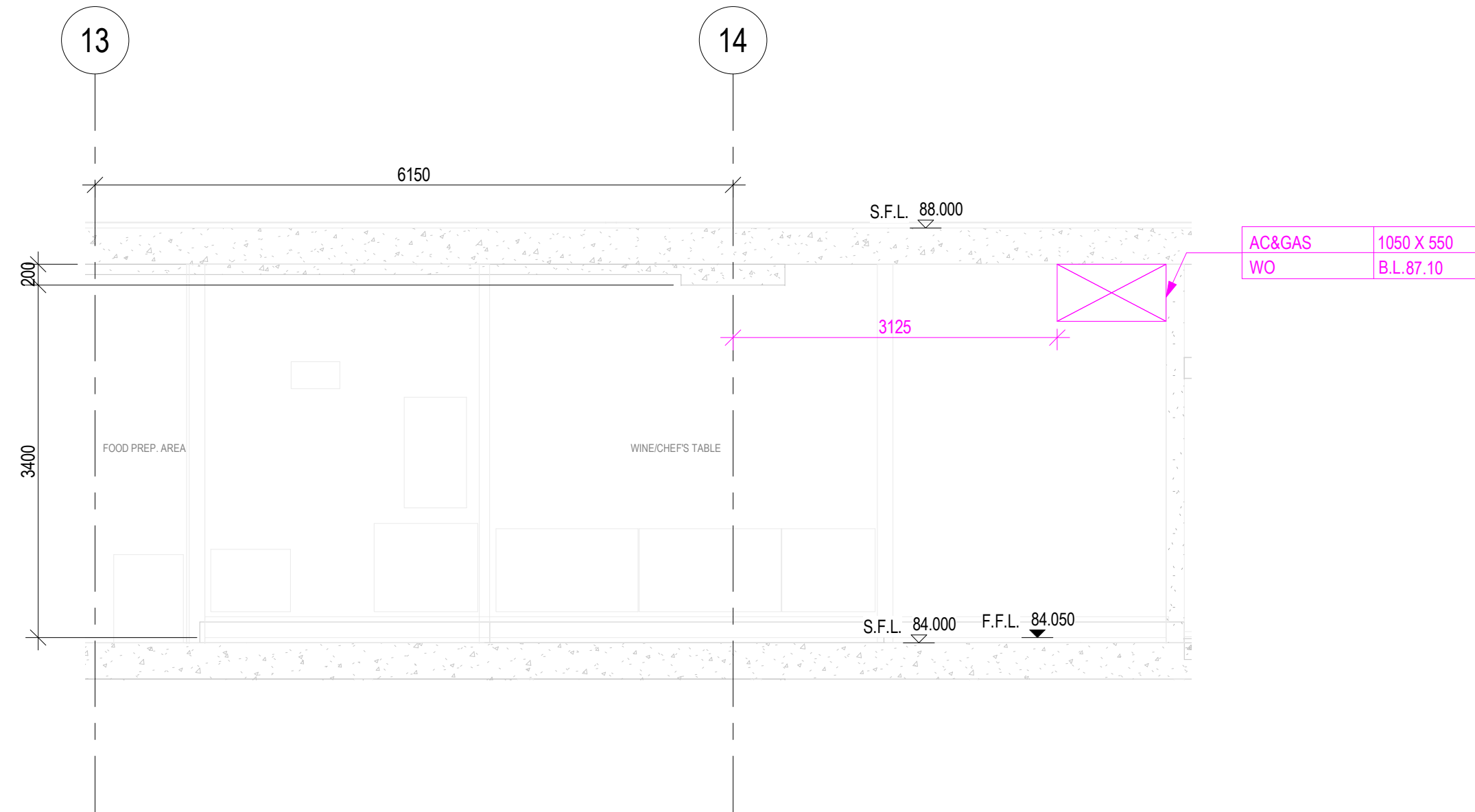


SECTION B177
MEP-SP07-HVCE-CB1047

HEADROOM CANNOT BE
ACHIEVED SUBJECT TO RFI MEETING



SECTION B178
MEP-SP07-HVCE-CB1047

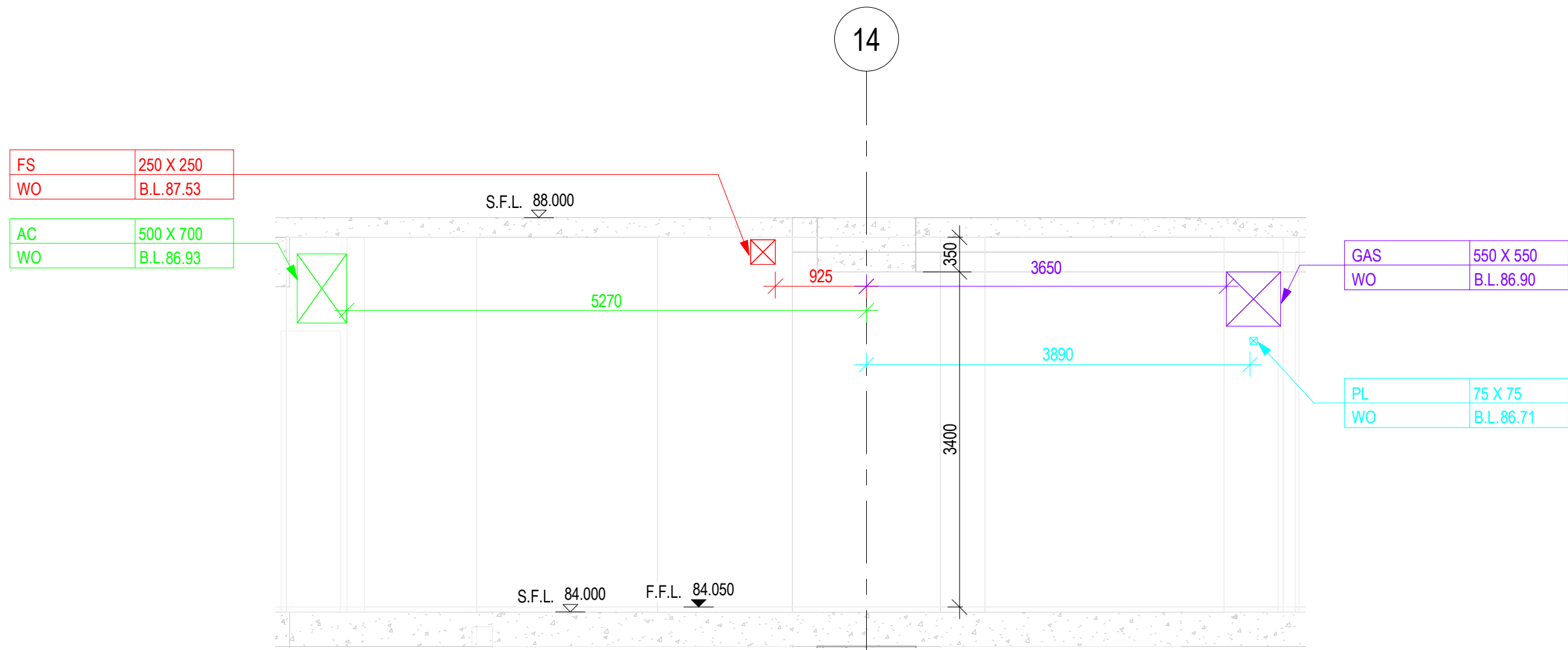


SECTION B176
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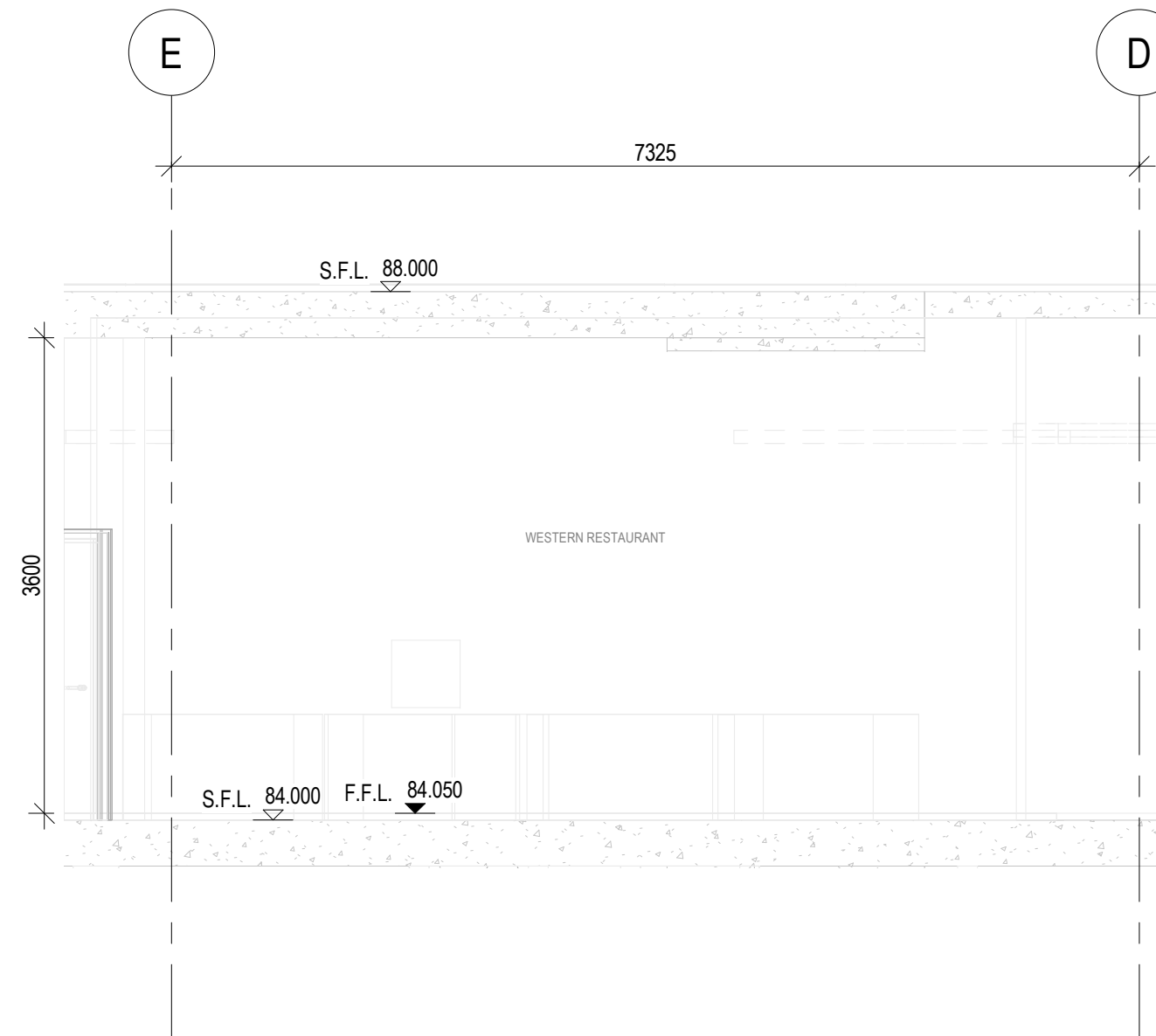
REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

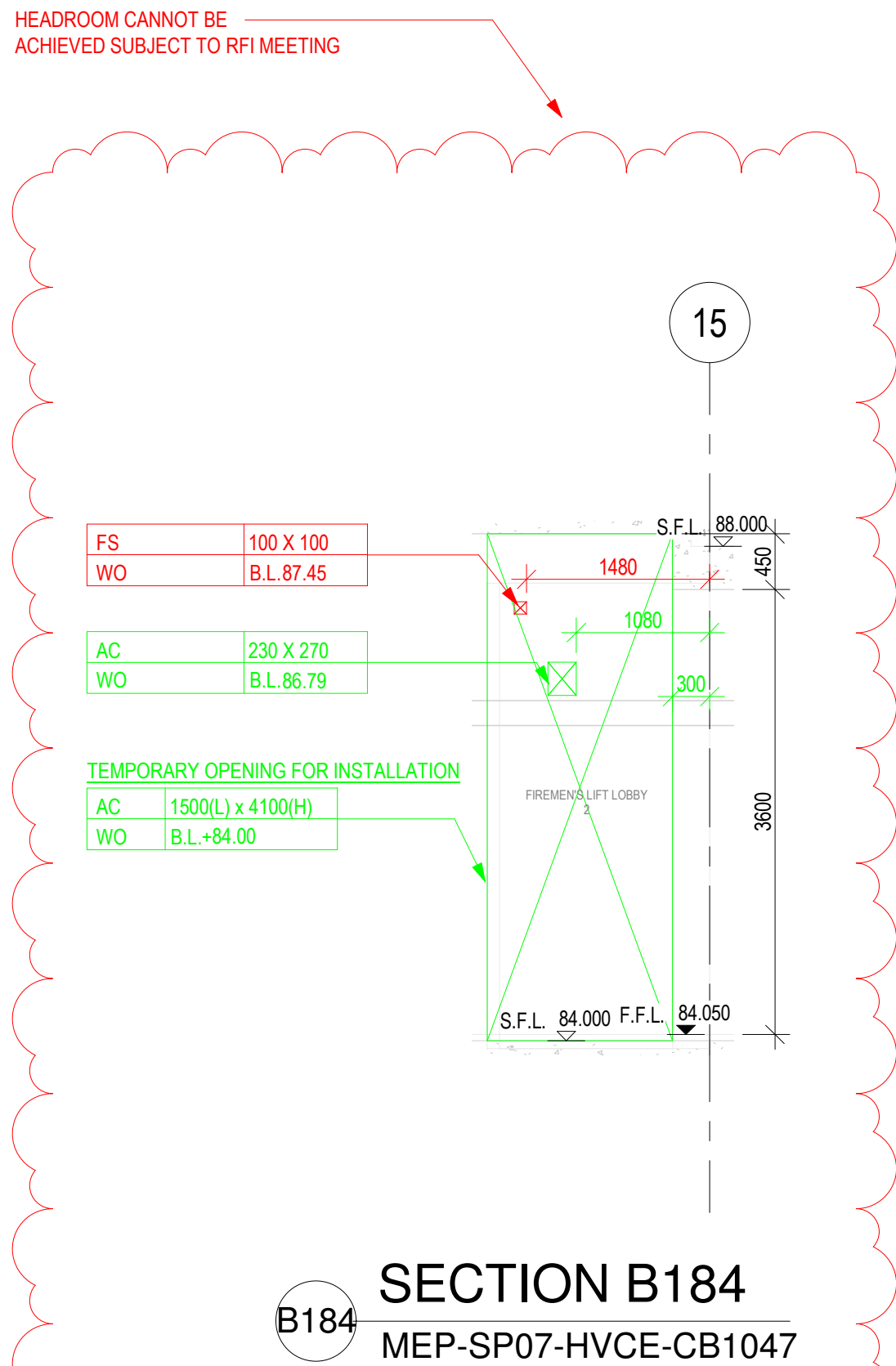
B.D.REFERENCE											
F.S.D.REFERENCE											
KEYPLAN DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.											
NOTE: 1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. 2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL. 3. A. AC - AIR CONDITIONING SERVICES DR - DRAINAGE SERVICES EL - ELECTRICAL SERVICES ELV - ELEVATOR SERVICES FNG - FILING SERVICES FS - FIRE SERVICES PL - PLUMBING SERVICES WO - WALL OPENING SD - SLAB OPENING BS - FLOOR BEAM OPENING HB - HATCH BEAM RS - RECESSES C. OPENING SIZE (W X H) B. BOTTOM LEVEL CL - CENTER LEVEL OF PIPE SLEEVE											
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL. 6. ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 40MM.											
THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION											
TRADE	DWG. NO.	REV.									
ARCH	2016 (AI-185)	4									
STR	L801 (AI-047)	D									
HVAC	2502303A-AO-212 (AI-114)	B									
FS	2502303A-FS-212 (AI-114)	C									
PL	2502303A-PL-211 (AI-140)	B									
DR	2502303A-DR-212 (AI-140)	B									
GAS	TC-SH-ICE-DOOF	-									
EL(LIGHTING)	2502303A-EL-211 (AI-107)	-									
EL(POWER)	2502303A-EL-312 (AI-114)	C									
EL(CABLE CONTAINMENT)	2502303A-EL-412 (AI-140)	C									
EL(ELV & CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C									
SEC(SECURITY)	2502303A-SEC-212 (AI-114)	A									
SERVICES PROVIDE		COLOUR CODE NO.									
ARCHITECTURE (ARCH)		COLOUR CODE: 255 255 255									
STRUCTURE (STR)		COLOUR CODE: 128 128 128									
HVAC SERVICES (AC)		COLOUR CODE: 0 255 0									
DRAINAGE SERVICES (DR)		COLOUR CODE: 0 0 255									
ELECTRICAL SERVICES (EL)		COLOUR CODE: 210 160 0									
ELECTRICAL SERVICES (ELV)		COLOUR CODE: 128 0 0									
GAS SERVICES (GAS)		COLOUR CODE: 128 0 255									
FIRE SERVICES (FS)		COLOUR CODE: 255 0 0									
PLUMBING SERVICES (PL)		COLOUR CODE: 0 255 255									
KITCHEN SERVICES (KE)		COLOUR CODE: 255 128 0									
COMBINED OPENING		COLOUR CODE: 255 0 255									
<table><tr><td>REV</td><td>DESCRIPTION</td><td>DATE</td><td>INIT</td></tr><tr><td>-</td><td>1ST CBWD SUBMISSION</td><td>19-07-2018</td><td></td></tr></table>				REV	DESCRIPTION	DATE	INIT	-	1ST CBWD SUBMISSION	19-07-2018	
REV	DESCRIPTION	DATE	INIT								
-	1ST CBWD SUBMISSION	19-07-2018									
- DO NOT SCALE DRAWINGS. - ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.											
CLIENT											
DESIGN ARCHITECT											
EXECUTIVE ARCHITECT											
STRUCTURAL & GEOTECHNICAL ENGINEER											
M&E CONSULTANT											
MAIN CONTRACTOR											
SUB-CONTRACTOR											
PROJECT											
DRAWING TITLE COMBINED BUILDER'S WORK DRAWING MAIN BUILDING 8/F SECTIONS SHEET 62 OF 66											
DRAWN											
CHECKED											
SCALE 1 : 50 @ A1 DATE 19-07-2018											
DRAWING NO. REV											
MEP-SP07-HVCE-CB2612 -											



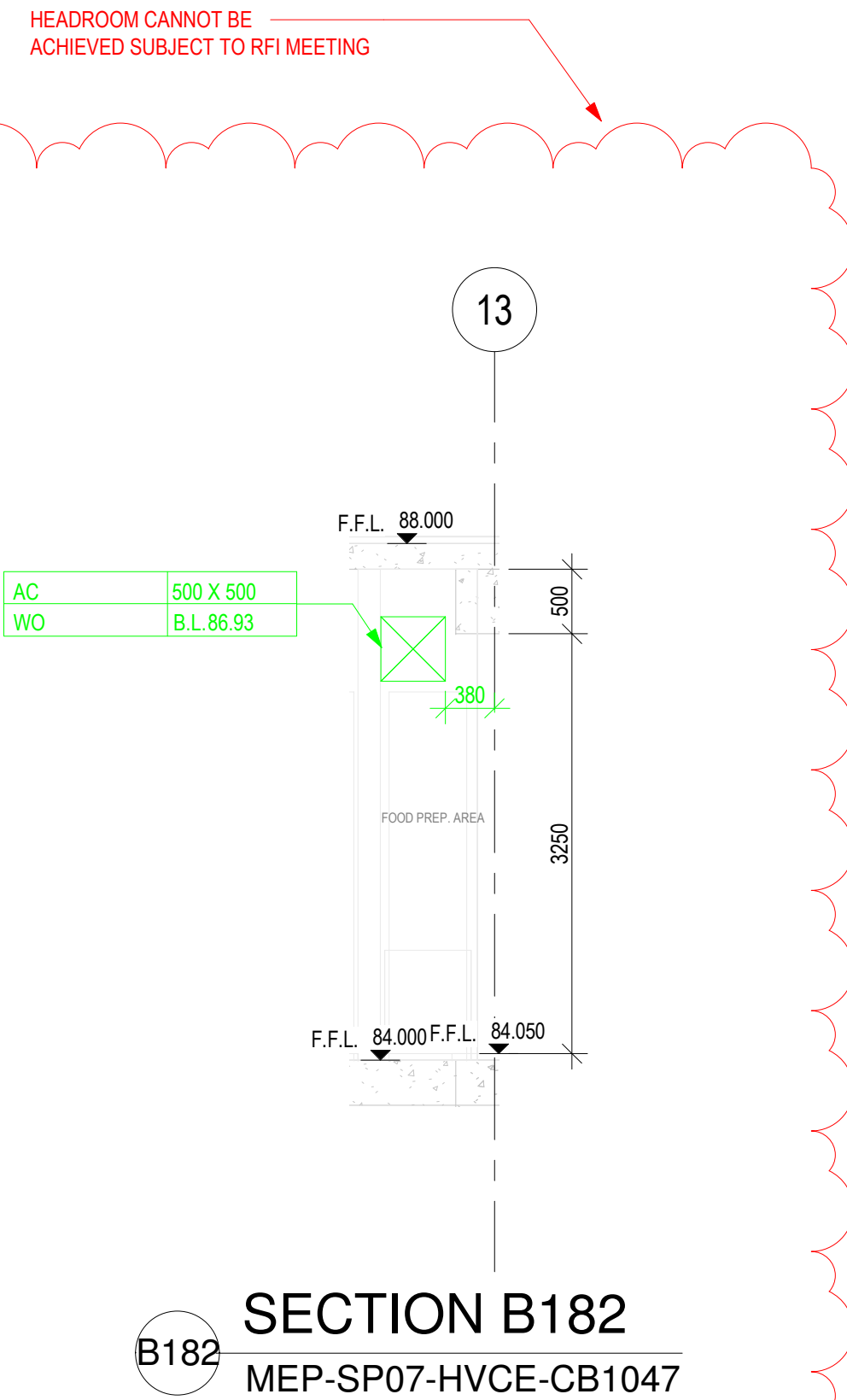
SECTION B183
MEP-SP07-HVCE-CB1047



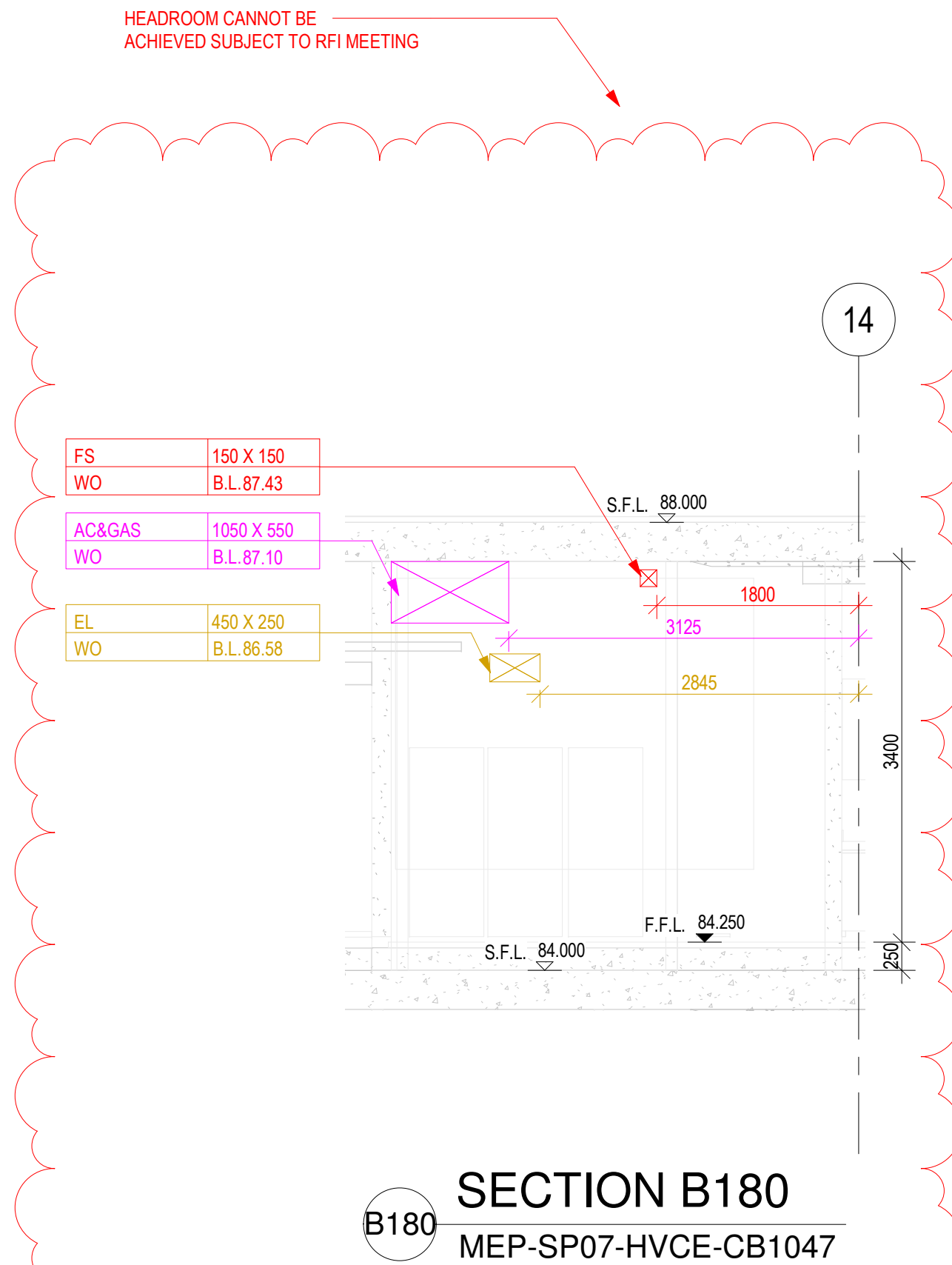
SECTION B181
MEP-SP07-HVCE-CB1047



SECTION B184
MEP-SP07-HVCE-CB1047



SECTION B182
MEP-SP07-HVCE-CB1047



SECTION B180
MEP-SP07-HVCE-CB1047

REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. OR - DRAINAGE SERVICES
B. EL - ELECTRICAL SERVICES
C. ELV - ELEV SERVICES
D. FNG - FIRE SERVICES
E. FS - FIRE SERVICES
F. PL - PLUMBING SERVICES
G. WO - WALL OPENING
H. SO - SLAB OPENING
I. BS - FLOOR BEAM OPENING
J. HB - HATCH BEAM
K. RS - RECESSES
L. OPENING SIZE (W X H)
M. B.L. - BOTTOM LEVEL
N. C.L. - CENTER LEVEL OF PIPE SLEEVE
O. ALL OPENING AT PRECAST FACADE REFER TO CBWD FOR PRECAST FACADE PANEL.
P. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

REV. 4
D 4
B 4
C 4
B 4
- 4
- 4
C 4
C 4
C 4
A 4

SERVICES PROVIDE

COLOUR CODE NO.

ARCHITECTURE (ARCH) COLOUR CODE: 255 255 255

STRUCTURE (STR) COLOUR CODE: 128 128 128

HVAC SERVICES (AC) COLOUR CODE: 0 255 0

DRAINAGE SERVICES (DR) COLOUR CODE: 0 0 255

ELECTRICAL SERVICES (EL) COLOUR CODE: 210 160 0

ELECTRICAL SERVICES (ELV) COLOUR CODE: 128 0 0

GAS SERVICES (GAS) COLOUR CODE: 128 0 255

FIRE SERVICES (FS) COLOUR CODE: 255 0 0

PLUMBING SERVICES (PL) COLOUR CODE: 0 255 255

KITCHEN SERVICES (KE) COLOUR CODE: 255 128 0

COMBINED OPENING COLOUR CODE: 255 0 255

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE
COMBINED BUILDER'S WORK DRAWING
MAIN BUILDING
8/F SECTIONS
SHEET 63 OF 66

DRAWN

CHECKED

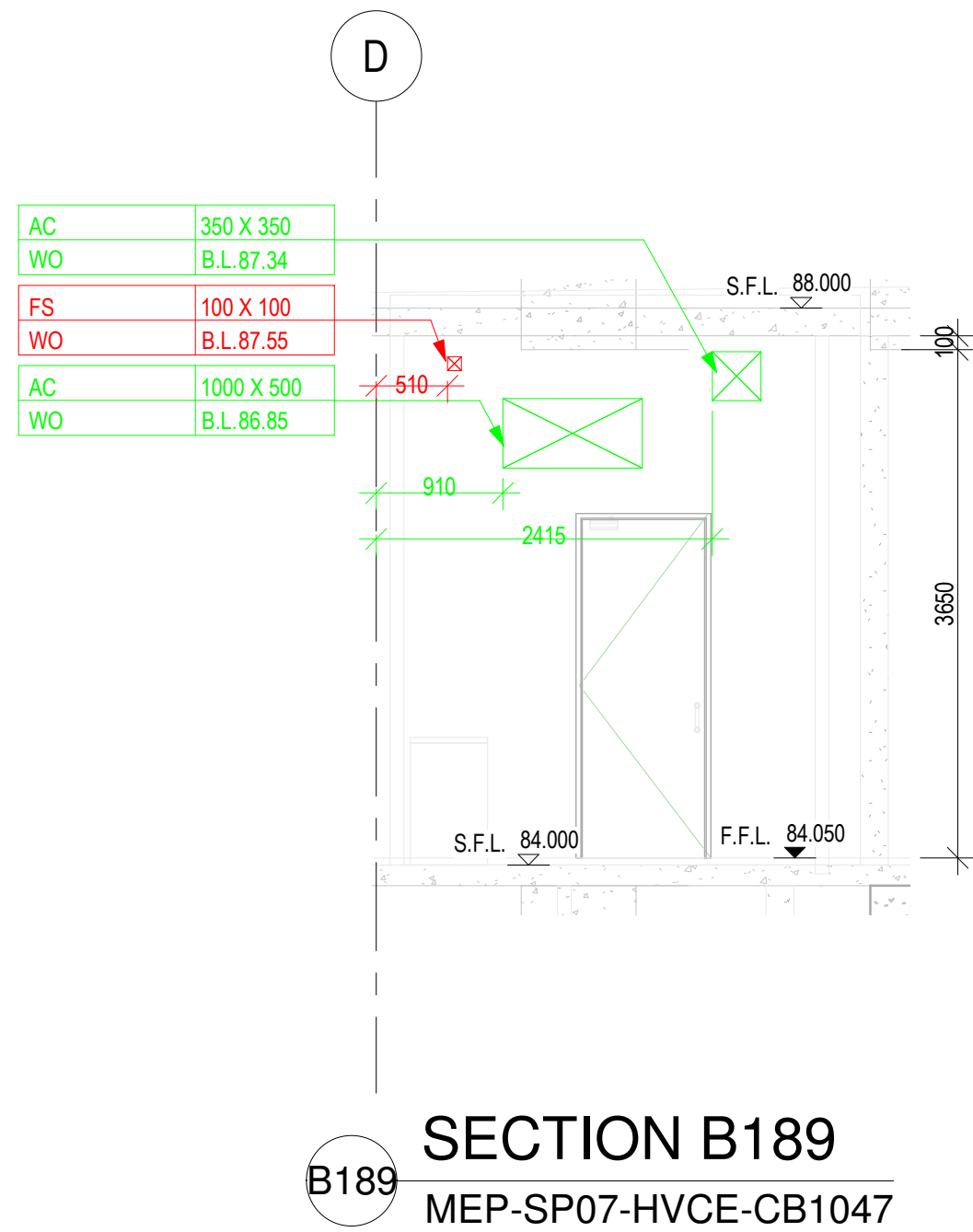
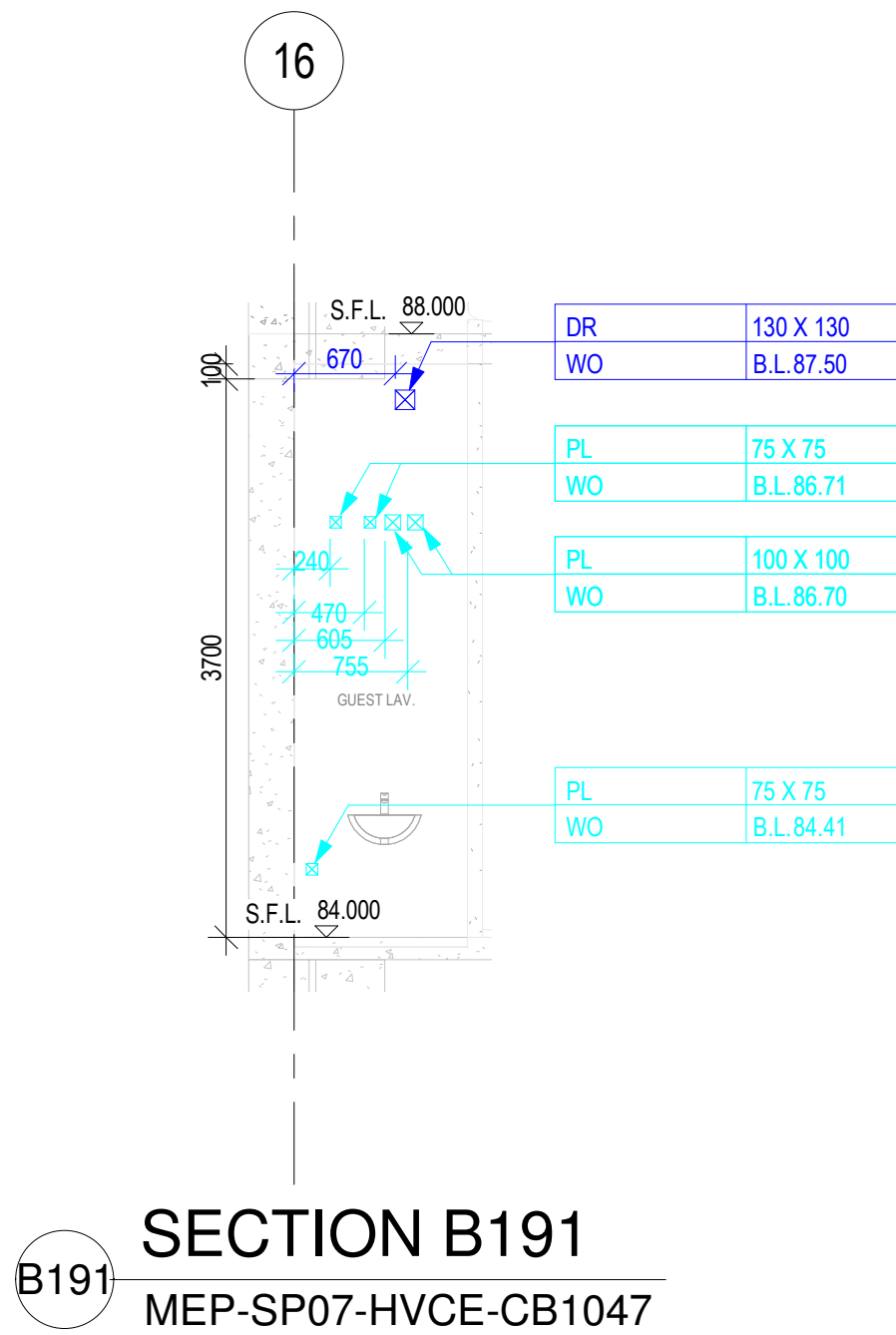
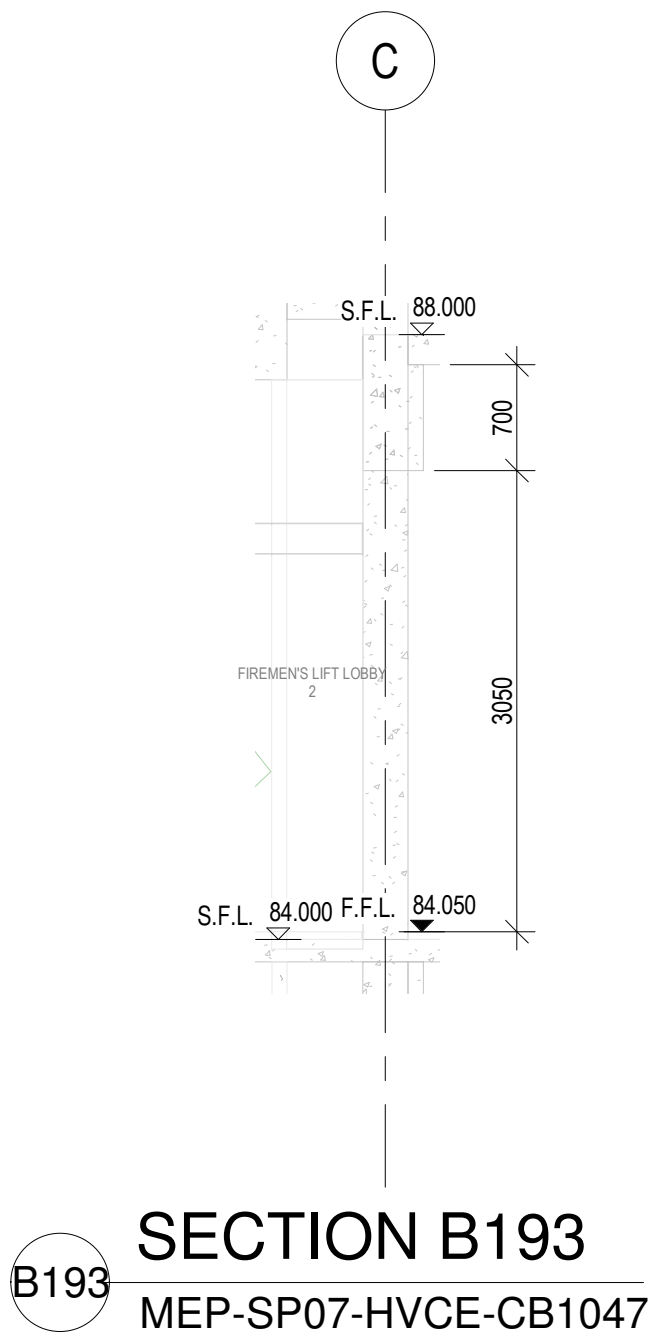
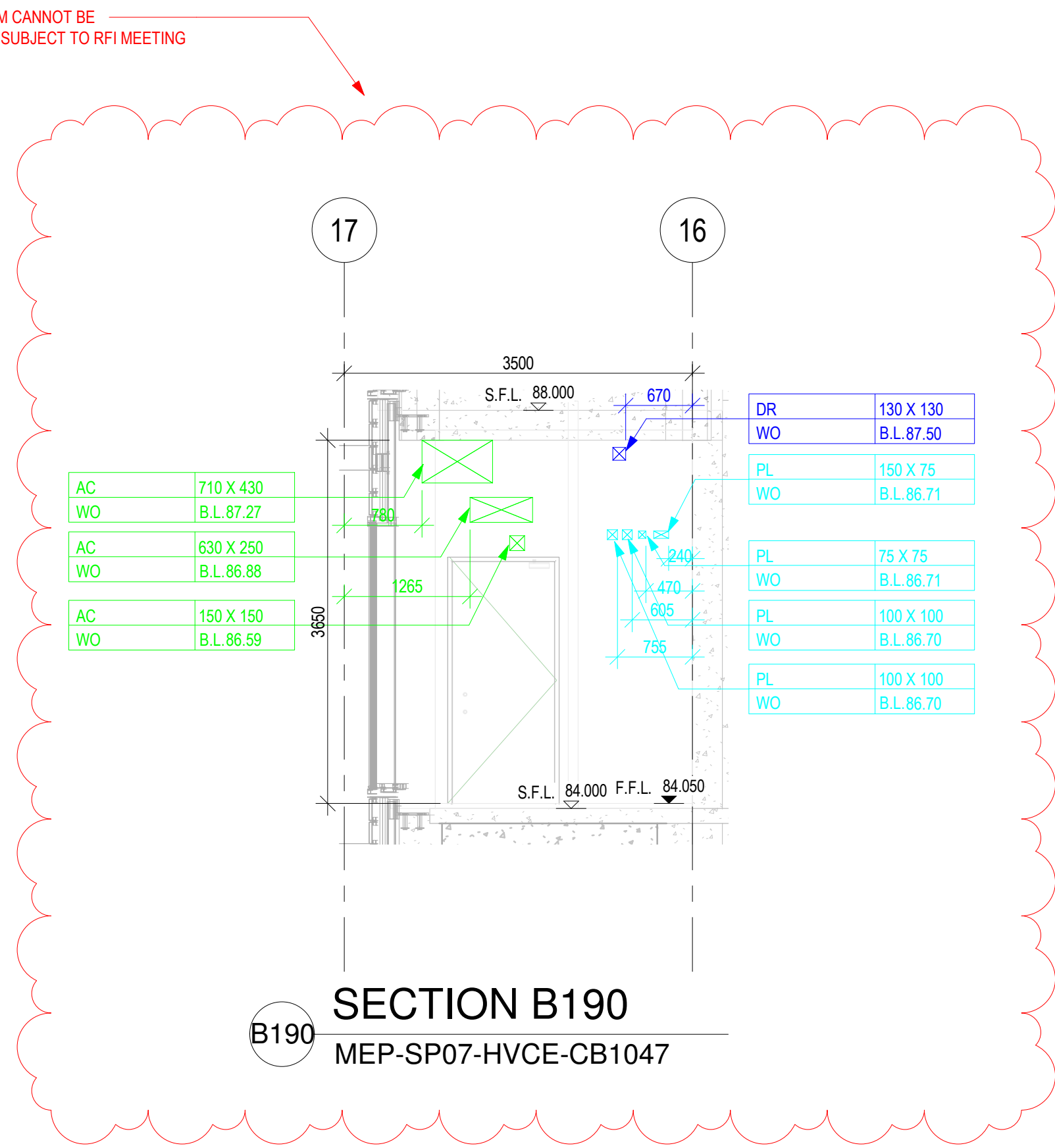
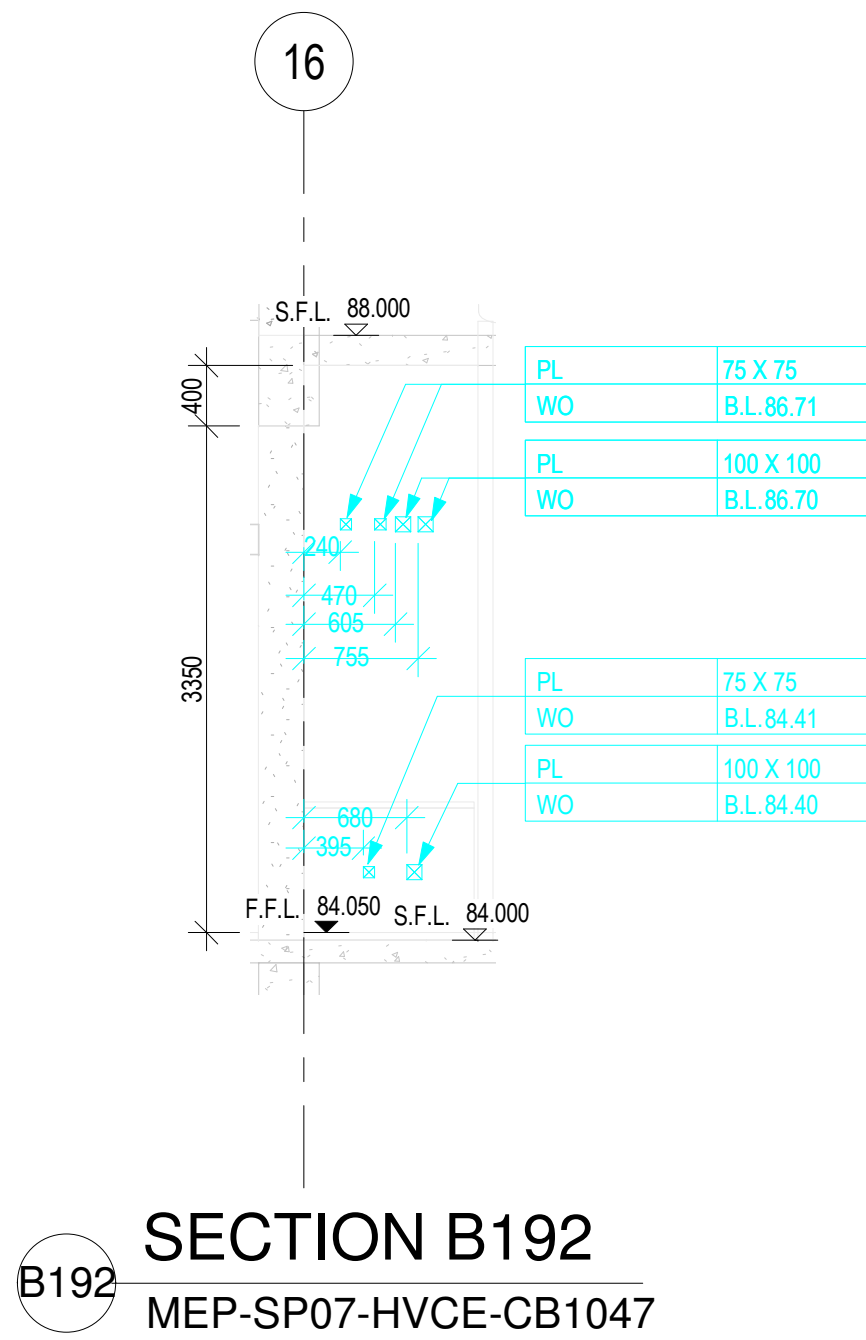
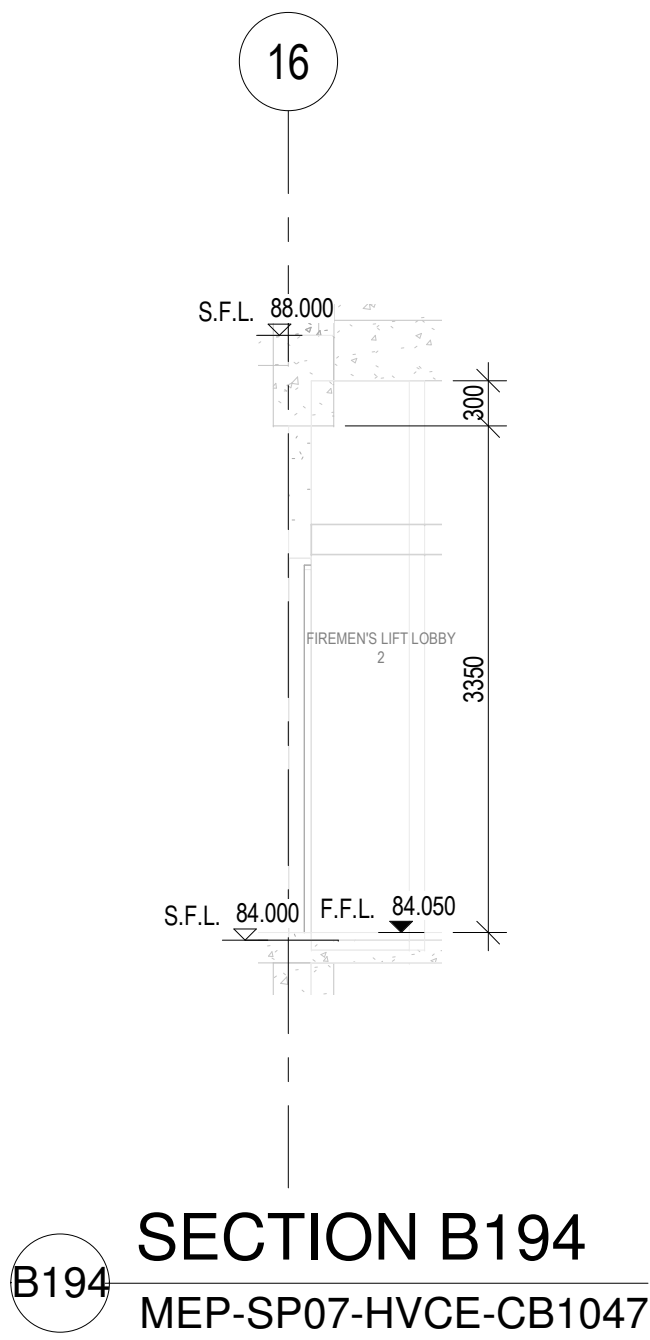
SCALE 1 : 50 @ A1 DATE 19-07-2018

DRAWING NO. REV

MEP-SP07-HVCE-CB2613



COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			



REFER TO NWD MODEL DATED 19 JULY 2018
CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE.
ALL RIGHTS RESERVED.

NOTES:
1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.
3. A. DR - DRAINAGE SERVICES
EL - ELECTRICAL SERVICES
ELV - ELEV SERVICES
FNG - FINE SERVICES
FS - FIRE SERVICES
PL - PLUMBING SERVICES
WO - WALL OPENING
SD - SLAB OPENING
BO - FLOOR BEAM OPENING
HB - HATCH BEAM
RE - RECESSES
C. OPENING SIZE (W X H)
D. B.L. - BOTTOM LEVEL
CL - CENTER LEVEL OF PIPE SLEEVE
5. ALL OPENING AT PRECAST FACADE REFER TO CWD FOR PRECAST FACADE PANEL.
6. ALL DEPTH OF RECESS FOR PDB INSTALLATION SHOULD BE 40MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

REV. 4
D
B
C
B
-
-
C
C
C
A

SERVICES PROVIDE

COLOUR CODE NO.

ARCHITECTURE (ARCH)

COLOUR CODE: 255 255 255

STRUCTURE (STR)

COLOUR CODE: 128 128 128

HVAC SERVICES (AC)

COLOUR CODE: 0 255 0

DRAINAGE SERVICES (DR)

COLOUR CODE: 0 0 255

ELECTRICAL SERVICES (EL)

COLOUR CODE: 210 160 0

ELECTRICAL SERVICES (ELV)

COLOUR CODE: 128 0 0

GAS SERVICES (GAS)

COLOUR CODE: 128 0 255

FIRE SERVICES (FS)

COLOUR CODE: 255 0 0

PLUMBING SERVICES (PL)

COLOUR CODE: 0 255 255

KITCHEN SERVICES (KE)

COLOUR CODE: 255 128 0

COMBINED OPENING

COLOUR CODE: 255 0 255

1ST CBWD SUBMISSION

19-07-2018

REV

DESCRIPTION

DATE

INIT

- DO NOT SCALE DRAWINGS.
- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 65 OF 66

DRAWN

CHECKED

SCALE 1 : 50 @ A1

DATE

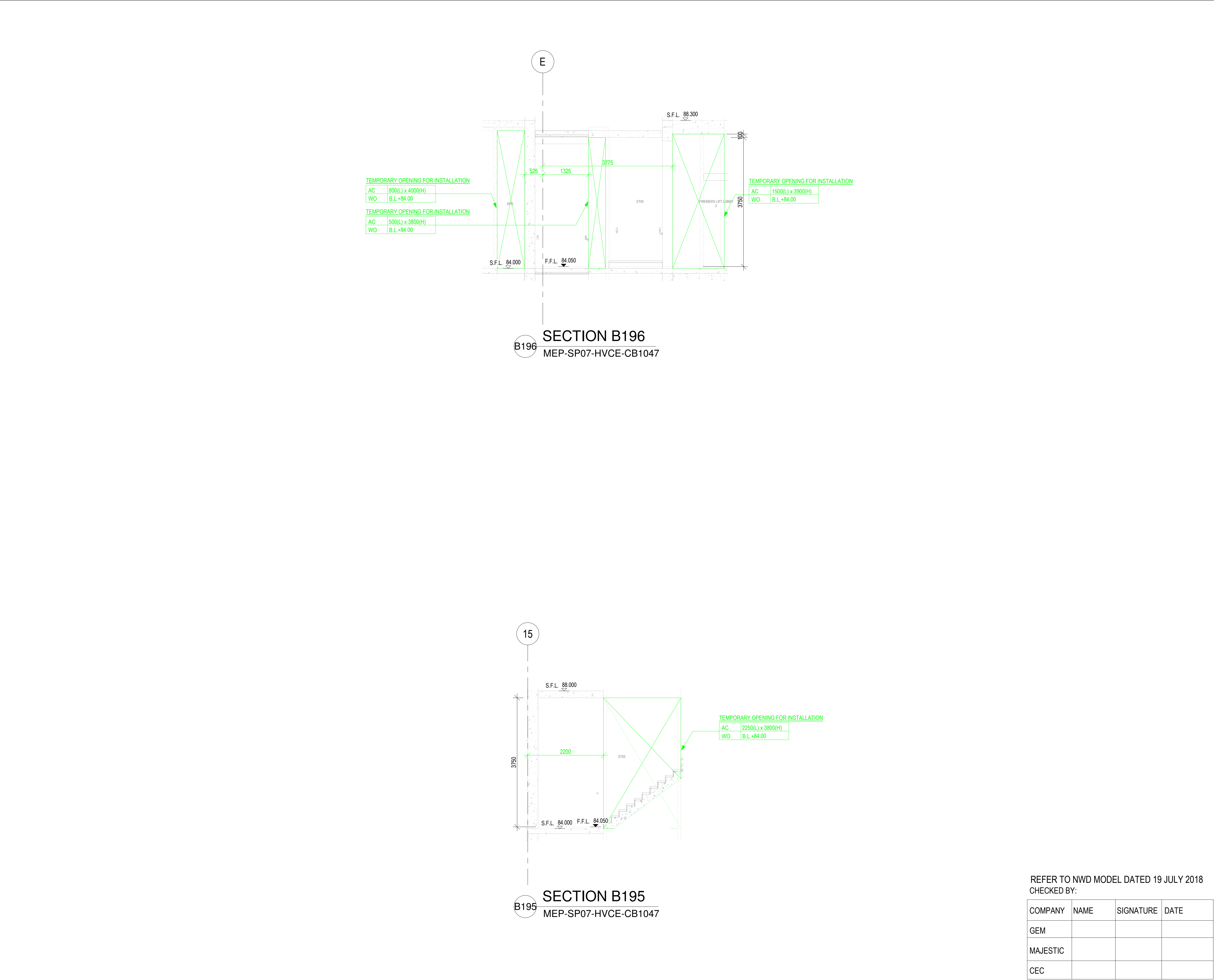
19-07-2018

DRAWING NO.

REV

MEP-SP07-HVCE-CB2615

-



B.D.REFERENCE

F.S.D.REFERENCE

KEYPLAN

DO NOT SCALE DRAWING. CHECK ALL MEASUREMENT ON SITE. ALL RIGHTS RESERVED.

NOTE:

1. ALL DIMENSIONS SHOWN IN THIS DRAWING ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

2. C.L. - CENTER LEVEL, H.L. - HIGH LEVEL, B.L. - BOTTOM LEVEL, L.L. - LOW LEVEL.

3. A.

OR - DRAINAGE SERVICES

EL - ELECTRICAL SERVICES

ELV - ELEV SERVICES

PL - PLUMBING SERVICES

FS - FIRE SERVICES

PL - PLUMBING SERVICES

WD - WALL OPENING

SD - SLAB OPENING

BS - FLOOR BEAM OPENING

HB - HANGING BEAM

RE - RECESSES

C. - OPENING SIZE (W X H)

B. - BOTTOM LEVEL

CL - CENTER LEVEL OF PIPE SLEEVE

4. OPENINGS VISIBLE TO CURRENT FLOOR

5. ALL OPENING AT PRECAST FACADE REFER TO CMBD FOR PRECAST FACADE PANEL.

6. ALL DEPTH OF RECESS FOR PBD INSTALLATION SHOULD BE 60MM.

THIS DRAWING IS PREPARED BASED ON THE FOLLOWING INFORMATION

TRADE	DWG NO.	REV.
ARCH	2016 (AI-185)	4
STR	L801 (AI-047)	D
HVAC	2502303A-AO-212 (AI-114)	B
FS	2502303A-FS-211 (AI-114)	C
PL	2502303A-PL-211 (AI-140)	B
DR	2502303A-DR-212 (AI-140)	B
GAS	2502303A-EL-211 (AI-107)	-
EL(LIGHTING)	2502303A-EL-312 (AI-114)	C
EL(POWER)	2502303A-EL-412 (AI-140)	C
EL(CABLE CONTAINMENT)	2502303A-ELV-212 (AI-114)	C
ELV(ELV & CABLE CONTAINMENT)	2502303A-SEC-212 (AI-114)	A

SERVICES PROVIDE

ARCHITECTURE (ARCH)	COLOUR CODE: 255 255 255
STRUCTURE (STR)	COLOUR CODE: 128 128 128
HVAC SERVICES (AC)	COLOUR CODE: 0 255 0
DRAINAGE SERVICES (DR)	COLOUR CODE: 0 0 255
ELECTRICAL SERVICES (EL)	COLOUR CODE: 210 160 0
ELECTRICAL SERVICES (ELV)	COLOUR CODE: 128 0 0
GAS SERVICES (GAS)	COLOUR CODE: 128 0 255
FIRE SERVICES (FS)	COLOUR CODE: 255 0 0
PLUMBING SERVICES (PL)	COLOUR CODE: 0 255 255
KITCHEN SERVICES (KE)	COLOUR CODE: 255 128 0
COMBINED OPENING	COLOUR CODE: 255 0 255

REV	DESCRIPTION	DATE	INIT
-	1ST CBWD SUBMISSION	19-07-2018	

- DO NOT SCALE DRAWINGS.

- ALL DIMENSIONS IN THIS DRAWING ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.

CLIENT

DESIGN ARCHITECT

EXECUTIVE ARCHITECT

STRUCTURAL & GEOTECHNICAL ENGINEER

M&E CONSULTANT

MAIN CONTRACTOR

SUB-CONTRACTOR

PROJECT

DRAWING TITLE

COMBINED BUILDER'S WORK DRAWING

MAIN BUILDING

8/F SECTIONS

SHEET 66 OF 66

REFER TO NWD MODEL DATED 19 JULY 2018

CHECKED BY:

COMPANY	NAME	SIGNATURE	DATE
GEM			
MAJESTIC			
CEC			

DRAWN

CHECKED

SCALE

1 : 50 @ A1

DATE

19-07-2018

DRAWING NO.

MEP-SP07-HVCE-CB2616

REV

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