

A) GENERAL NOTES

WORKS TO BE PROVIDED AND INSTALLED BY CONTRACTORS

1. THE CONTRACTORS SHALL BE RESPONSIBLE TO SUPPLY, DESIGN, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF THE FORWARD PROCURED EQUIPMENT (FPE) AS SHOWN ON COMPOSITE DRAWINGS.
2. THE CONTRACTORS SHALL CO-ORDINATE ON SITE WITH ALL RELEVANT PARTIES, IN PARTICULAR THE DESIGN AND BUILD CONTRACTOR, FOR THE INSTALLATION.
3. THE CONTRACTORS SHALL SUBMIT ALL FPE INSTALLATION DETAILS TO DESIGN AND BUILD CONTRACTOR FOR CO-ORDINATION AT LEAST 7 DAYS PRIOR TO INSTALLATION.
4. ALL DIMENSIONS SHOWN ON DRAWINGS ARE FOR REFERENCE ONLY. THE CONTRACTORS SHALL BE RESPONSIBLE FOR THE SITE MEASUREMENT TO VERIFY ALL CRITICAL DIMENSIONS BEFORE INSTALLATION AND DELIVERY OF EQUIPMENT.
5. ALL FINAL CONNECTION FROM INTERFACING AND CAPPED OFF POINTS (E.G. ISOLATOR, VALVE, ETC.) TO FPE EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY CONTRACTORS.
6. ALL SERVICES IN DARK SOLID LINE AS SHOWN IN THE DRAWINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTORS UNLESS OTHERWISE SPECIFIED.
7. SETTING OUT OF B.S. PROVISIONS AND BUILDER'S WORKS FOR EQUIPMENT IS FOR INDICATION ONLY. EXACT LOCATION SHALL BE COORDINATED WITH THE DESIGN AND BUILD CONTRACTOR & VERIFIED ON SITE PRIOR TO INSTALLATION.
8. THE CONTRACTORS SHALL BE RESPONSIBLE TO SEAL UP ALL AROUND OF THE EQUIPMENT FOR AIR TIGHTNESS INCLUDING AIR TIGHT CEILING OPENING, CEILING JUNCTION, HANGER WALL, SUNKEN SLAB, INTERFACE BETWEEN FLOOR FINISH AND EQUIPMENT, ETC. IF APPLICABLE.
9. THE CONTRACTORS SHALL BE RESPONSIBLE TO SUPPLY AND INSTALL ALL REQUIRED MATERIAL, FITTING, CABLES, PIPEWORKS, DUCTWORKS, ETC. FOR CONNECTING THE EQUIPMENT TO THE CORRESPONDING BUILDING SERVICES PROVISION BY DESIGN AND BUILD CONTRACTOR AND DESIGN AND BUILD CONTRACTOR'S SUBCONTRACTORS AS SHOWN ON THE COMPOSITE DRAWINGS. ANY REVISION OR ADDITIONAL WORKS ON THE BUILDING SERVICES PROVISIONS, INCLUDING BUT NOT LIMITED TO FIRE SERVICE, LIGHTING, AIR-CONDITIONING & MECHANICAL VENTILATION, DRAINAGE, WATER SUPPLY POINT, MEDICAL GAS OUTLET, ETC., SHALL BE RESPONSIBLE BY CONTRACTORS TO ENSURE THE DESIGN PERFORMANCE WOULD BE NOT AFFECTED AND DEGRADED AFTER INSTALLATION OF EQUIPMENT.
10. THE CONTRACTORS SHALL ENSURE THAT THEIR EQUIPMENT CAN BE DELIVERED TO SITE UPON COORDINATION AND AGREEMENT WITH DESIGN AND BUILD CONTRACTOR ON THE DELIVERY ROUTE AND WORKING SCHEDULE. ALL COSTS FOR ADDITIONAL OR MODIFICATION WORKS RELATED TO BUILDER WORKS SHALL BE BORNE BY THE CONTRACTORS.
11. ALL EQUIPMENT WALL AND FALSE CEILING PANEL CUT OFF, PIPE SLEEVE, SEALING AND MAKE GOOD WORKS SHALL BE DESIGNED, PROVIDED & INSTALLED BY THE CONTRACTORS.
12. SUPPORTING FRAME FOR FPE EQUIPMENT SHALL BE DESIGNED, PROVIDED & INSTALLED BY THE CONTRACTORS, UNLESS OTHERWISE SPECIFIED.
13. THE CONTRACTORS SHALL BE RESPONSIBLE FOR COVER UP ALL CABLE CONTAINMENT (TRUNKING & JUNCTION).
14. THE CONTRACTORS SHALL BE RESPONSIBLE TO DESIGN THE PROVISION FOR MAINTENANCE (E.G. MOUNTING HOOD, ACCESS PANEL, ACCESS DOOR, ETC).
15. ALL FINAL CONNECTION FROM ISOLATION / GATE VALES AND CAPPED-OFF POINTS TO FPE EQUIPMENT WOULD BE PROVIDED AND INSTALLED BY THE CONTRACTORS.
16. THE CONTRACTORS SHALL BE RESPONSIBLE TO ENSURE THEIR INSTALLATION TO COMPLY WITH ALL RELEVANT REGULATION, GUIDELINE, STANDARD, ETC.
17. ALL TEMPORARY WORKING PLATFORM SUCH AS SCAFFOLDING AND MOBILE PLATFORM, ETC. FOR EQUIPMENT INSTALLATION SHALL BE PROVIDED BY THE CONTRACTORS. SAFE WORKING PLATFORM TO THE SATISFACTION OF THE DESIGN AND BUILD CONTRACTOR TO BE PROVIDED BY THE CONTRACTORS.
18. EQUIPOTENTIAL BONDING FOR MEDICAL EQUIPMENT SHOULD BE FINISHED BY THE CONTRACTORS.
19. IF ANY WATER CONNECTION FROM BUILDING CENTRAL WATER SUPPLY SYSTEM, THE CONTRACTORS SHALL EMPLOY LICENSED PLUMBER TO CARRY OUT ALL SUBMISSION (E.G WWO 542 AND WWO46, ETC) AND INSTALLATION / WORKS TO FULFILL WSD REQUIREMENTS.
20. THE CONTRACTORS SHALL BE RESPONSIBLE FOR ALL STATUTORY SUBMISSIONS FOR ANY REVISION OR ADDITIONAL WORKS ON SITE TO SUIT THE INSTALLATION AND DAILY OPERATION OF THE EQUIPMENT IF REQUIRED.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING UP THE RESERVED WALL OPENING AND PROVIDING AND INSTALLING THE APPROPRIATE FIRE BARRIERS, FIRE-STOP SEALANTS, FIRE-STOP BLOCKS, ETC. AS NECESSARY TO MAINTAIN THE FIRE RESISTANCE RATING, WHERE APPLICABLE.
22. THE CONTRACTORS SHALL BE RESPONSIBLE TO RE-PROVIDE, REINSTATE AND MAKE GOOD OF THE FIRE BARRIERS, FIRE-STOP SEALANTS, FIRE-STOP BLOCKS, ETC. FOR FIRE COMPARTMENTATION, FIRE RATED ENCLOSURE, CABLE TRAYS, PIPES AND OTHER PENETRATIONS REQUIRED FOR EQUIPMENT INSTALLATION TO MAINTAIN THE FIRE RESISTANCE RATING, WHERE APPLICABLE.
23. THE DETAIL OF WORKS DEMARCATION BETWEEN THE CONTRACTOR AND THE DESIGN AND BUILD CONTRACTOR SHALL BE REFERRED TO THE LAYOUT AND ELEVATION DRAWINGS.

B) LEGEND

ELECTRICAL INSTALLATION

- ONE GANG/ TWO GANG SWITCHED 13A SOCKET OUTLET WITH PILOT LIGHT (UPS) (MOUNTING LEVEL ABOVE BENCH AT 1150mm AFFL, UNLESS OTHERWISE SPECIFIED)
- ONE GANG/ TWO GANG SWITCHED 13A SOCKET OUTLET WITH PILOT LIGHT (ESSENTIAL POWER) (MOUNTING LEVEL ABOVE BENCH AT 1150mm AFFL, UNLESS OTHERWISE SPECIFIED)

EXTRA LOW VOLTAGE INSTALLATION

- IEC60670-1 BASE BOX C/W 1 NO. #25mm G.I. CONDUIT AND DRAW WIRE BY DESIGN AND BUILD CONTRACTOR, DATA PORT W/ COVER PLATE C/W DATA CABLE BY OTHERS (I.E. IT VENDOR, OTHER SYSTEM VENDOR)
D1: CMH IT SYSTEMS
D2: F&E SYSTEMS
D3: BUILDING & OTHER RELATED SYSTEMS

MEDICAL GAS INSTALLATION

- MEDICAL VACUUM TERMINAL UNIT
- MEDICAL OXYGEN TERMINAL UNIT

COMPOSITE DRAWING SUBMISSION

REVISIONS		
NUMBER	DESCRIPTION	DATE
0	FIRST SUBMISSION	MAR 2023
0	SECOND SUBMISSION	OCT 2023

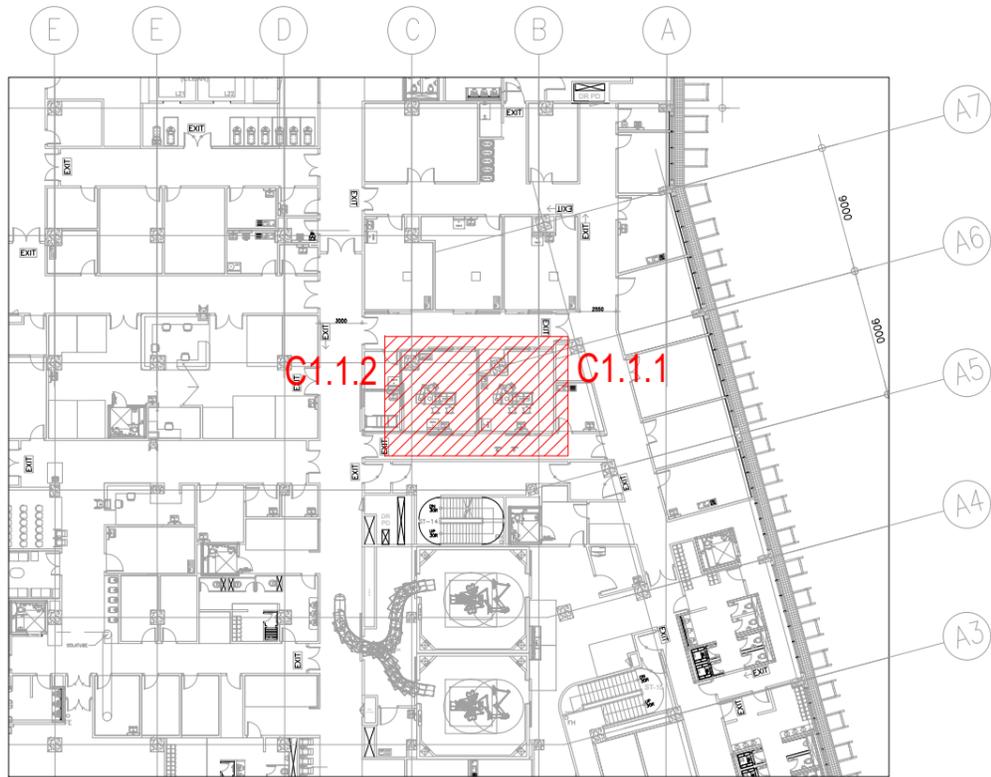
C) ROOM CONDITIONS

ROOM NAME: ENDOSCOPY ROOM (A) (C1.1.1)

- a) TEMPERATURE IN SUMMER & WINTER : 22°C
- b) HUMIDITY IN SUMMER & WINTER : 60%RH
- c) ILLUMINATION LEVEL : 400LUX
- d) CEILING HEIGHT : 3000mm
- e) CEILING FINISH : ALUMINIUM TILE SUSPENDED CEILING
- f) WALL FINISH : WATER-BASED (ANTI-MOULD) EMULSION PAINT SYSTEM
- g) FLOOR FINISH : HOMOGENEOUS VINYL SHEET (NON-SLIP) ON SCREED
- h) SKIRTING FINISH : VINYL-COVED WITH ALUMINUM EDGE
- i) FLOOR SLAB IMPOSED LOAD : 5kPa

ROOM NAME: ENDOSCOPY ROOM (B) (C1.1.2)

- a) TEMPERATURE IN SUMMER & WINTER : 22°C
- b) HUMIDITY IN SUMMER & WINTER : 60%RH
- c) ILLUMINATION LEVEL : 400LUX
- d) CEILING HEIGHT : 3000mm
- e) CEILING FINISH : ALUMINIUM TILE SUSPENDED CEILING (WET / CLINICAL AREAS) AIRTIGHT
- f) WALL FINISH : ANTISEPTIC, SEAMLESS WALL COATING SYSTEM (FOR O.T. AREAS)
- g) FLOOR FINISH : VINYL SHEET (NON-STATIC & NON-SLIP) ON SCREED
- h) SKIRTING FINISH : VINYL-COVED WITH ALUMINUM EDGE
- i) FLOOR SLAB IMPOSED LOAD : 5kPa



3/F KEY PLAN SCALE: 1:500

MAIN CONTRACTOR:

中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LIMITED

ARCHITECT
 王歐陽(香港)有限公司
WONG & OUYANG ARCHITECTS (H.K.) LTD

STRUCTURAL ENGINEER
 SWW

BUILDING SERVICES ENGINEER
 WSP

LANDSCAPE DESIGNER
 ADI

INTERIOR DESIGNER
 V

MODULAR CONSTRUCTION DESIGNER
 中國海龍建築科技有限公司
CHINA HAILONG CONSTRUCTION TECHNOLOGY COMPANY LIMITED

MEDICAL CONSULTANT
 中國國際醫療產業發展有限公司
CHINA STATE CONSTRUCTION (MEDICAL INDUSTRY DEVELOPMENT) CO., LTD.

CONTRACT NO.
SS K514

PROGRAMME NO.
001MZ & 116MH

PROJECT
DESIGN AND CONSTRUCTION OF CHINESE MEDICINE HOSPITAL AND GOVERNMENT CHINESE MEDICINES TESTING INSTITUTE IN TSEUNG KWAN O

DRAWING TITLE
COMPOSITE DRAWING OF ENDOSCOPIC VIEWING SYSTEM GENERAL NOTES, LEGEND AND KEY PLAN

DRAWN BY RW/KL DATE OCT2023
CHECKED BY KT DATE OCT2023

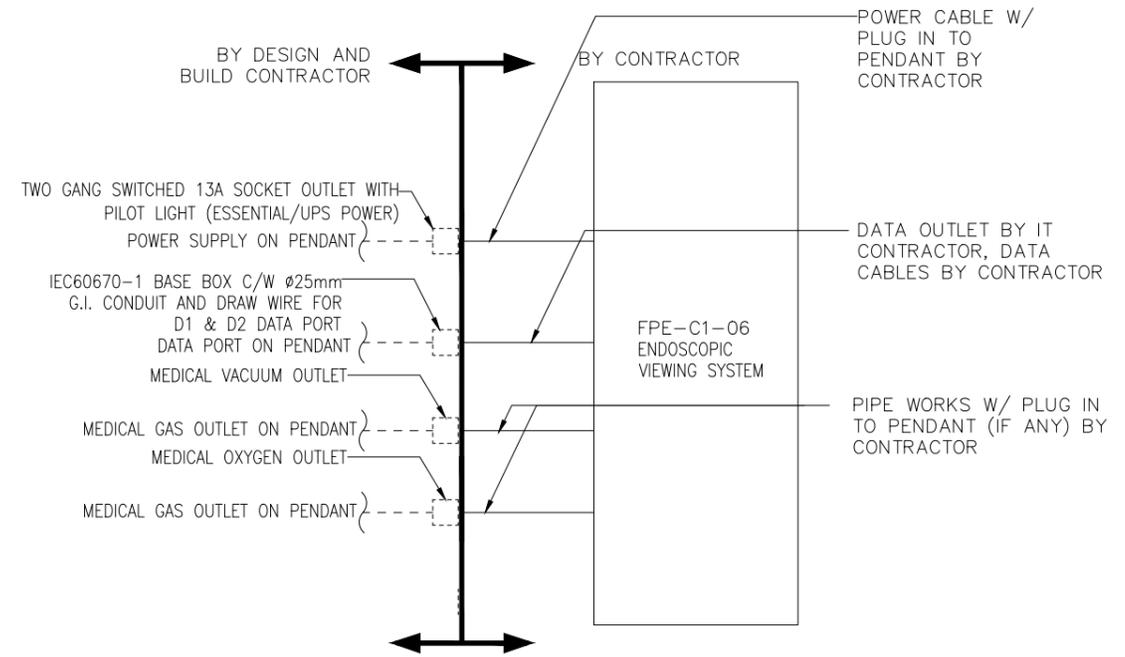
SCALE N.T.S. JOB NO. BJY
DRAWING NUMBER REV
BS/BS15/A/COM/FPE-C1-06-01/001 1

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D) EQUIPMENT SCHEDULE AND DESIGN AND BUILD CONTRACTOR'S PROVISIONS

FPE ITEM NO	DESCRIPTION (QUANTITY)	DESIGN AND BUILD CONTRACTOR'S PROVISIONS	FLOOR / AREA (SOA REF.)
FPE-C1-06	ENDOSCOPIC VIEWING SYSTEM (QTY: 2 NOS.)	PROVISIONS ON PENDANT FOR EACH FPE PLUG IN: 1. POWER: 5 x TWO GANG SWITCHED 13A SOCKET OUTLET WITH PILOT LIGHT (ESSENTIAL POWER); 2 x TWO GANG SWITCHED 13A SOCKET OUTLET WITH PILOT LIGHT (UPS POWER) 2. DATA: 2 x IEC60670-1 BASE BOX W/ BLANK PLATE COVER C/W Ø25mm G.I. CONDUIT AND DRAW WIRE FOR D1 DATA PORT; 2 x IEC60670-1 BASE BOX W/ BLANK PLATE COVER C/W Ø25mm G.I. CONDUIT AND DRAW WIRE FOR D2 DATA PORT 3. MEDICAL GAS: 2 x MEDICAL VACUUM OUTLET; 2 x MEDICAL OXYGEN OUTLET	3/F ENDOSCOPY ROOM (A) (C1.1.1) 3/F ENDOSCOPY ROOM (B) (C1.1.2)

E) DEMARCATION DIAGRAM:



F) DRAWING LIST

DRAWING NO.	REVISION	DRAWING TITLE
BS/8515/A/COM/FPE-C1-06/001	1	COMPOSITE DRAWING OF ENDOSCOPIC VIEWING SYSTEM GENERAL NOTES, LEGEND AND KEY PLAN
BS/8515/A/COM/FPE-C1-06/002	2	COMPOSITE DRAWING OF ENDOSCOPIC VIEWING SYSTEM DEMARCATION DIAGRAM, EQUIPMENT SCHEDULE, DESIGN AND BUILD CONTRACTOR'S PROVISIONS AND DRAWING LIST
BS/8515/A/COM/FPE-C1-06/201	1	COMPOSITE DRAWING OF ENDOSCOPIC VIEWING SYSTEM LAYOUT
BS/8515/A/COM/FPE-C1-06/901	1	COMPOSITE DRAWING OF ENDOSCOPIC VIEWING SYSTEM ELEVATION

COMPOSITE DRAWING SUBMISSION

REVISIONS		
NUMBER	DESCRIPTION	DATE
0	FIRST SUBMISSION	MAR 2023
1	SECOND SUBMISSION	OCT 2023
2	THRD SUBMISSION	MAY 2024

MAIN CONTRACTOR:
 中國建築工程(香港)有限公司
 CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LIMITED

ARCHITECT
 王歐陽(香港)有限公司
 WONG & OUYANG (HK) LTD

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 V&V

MODULAR CONSTRUCTION DESIGNER
 中國海龍建築科技有限公司
 CHINA STATE HAILING CONSTRUCTION TECHNOLOGY COMPANY LIMITED

MEDICAL CONSULTANT
 中國國際醫藥產業發展有限公司
 CHINA STATE CONSTRUCTION INT'L MEDICAL INDUSTRY DEVELOPMENT CO., LTD.

CONTRACT NO.
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PROJECT
DESIGN AND CONSTRUCTION OF CHINESE MEDICINE HOSPITAL AND GOVERNMENT CHINESE MEDICINES TESTING INSTITUTE IN TSEUNG KWAN O

DRAWING TITLE
COMPOSITE DRAWING OF ENDOSCOPIC VIEWING SYSTEM DEMARCATION DIAGRAM, EQUIPMENT SCHEDULE, DESIGN AND BUILD CONTRACTOR'S PROVISIONS AND DRAWING LIST

DRAWN BY: RW/KL DATE: OCT2023

CHECKED BY: KT DATE: OCT2023

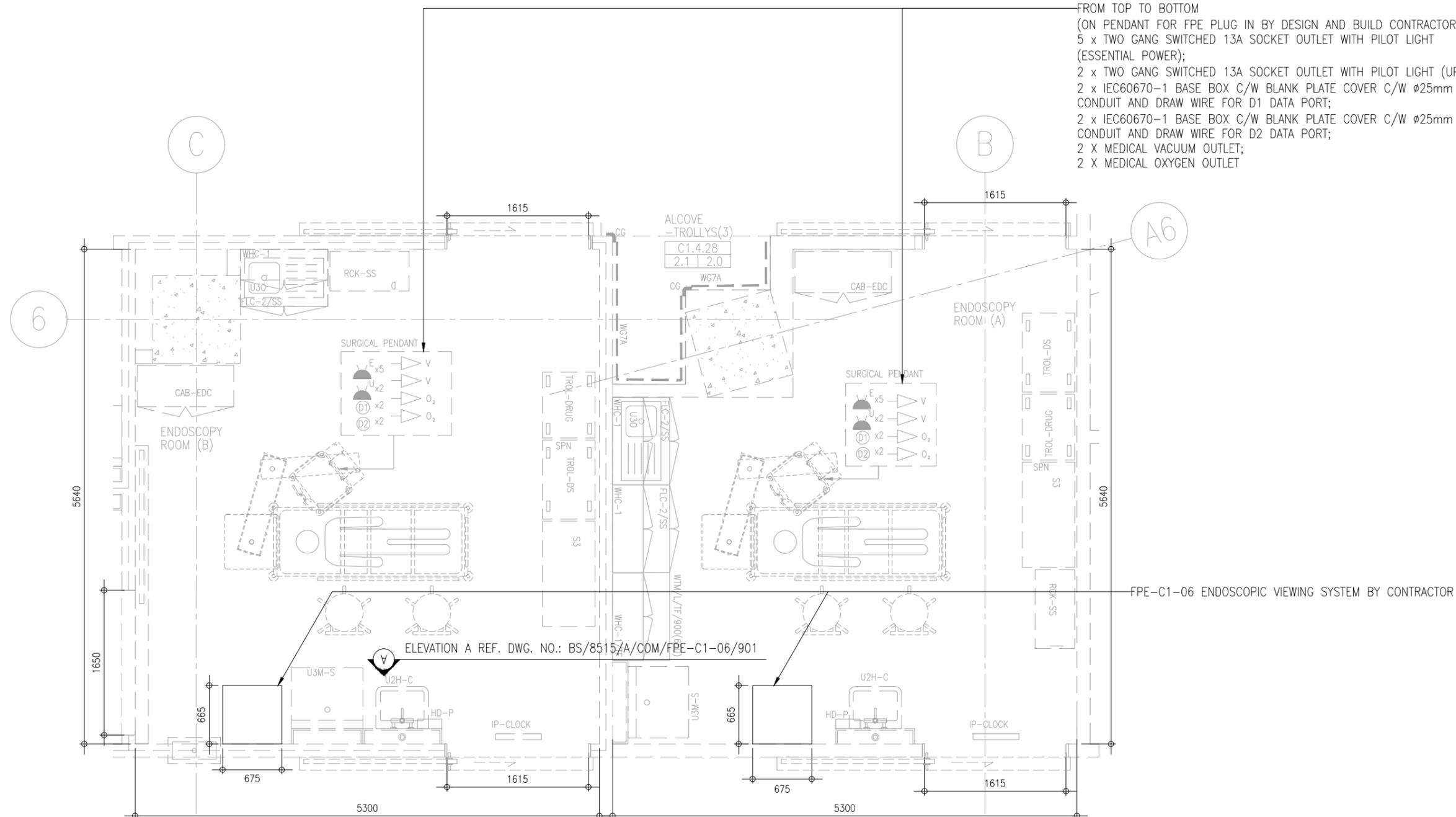
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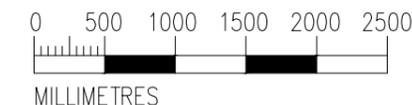
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FROM TOP TO BOTTOM
 (ON PENDANT FOR FPE PLUG IN BY DESIGN AND BUILD CONTRACTOR)
 5 x TWO GANG SWITCHED 13A SOCKET OUTLET WITH PILOT LIGHT
 (ESSENTIAL POWER);
 2 x TWO GANG SWITCHED 13A SOCKET OUTLET WITH PILOT LIGHT (UPS);
 2 x IEC60670-1 BASE BOX C/W BLANK PLATE COVER C/W Ø25mm G.I.
 CONDUIT AND DRAW WIRE FOR D1 DATA PORT;
 2 x IEC60670-1 BASE BOX C/W BLANK PLATE COVER C/W Ø25mm G.I.
 CONDUIT AND DRAW WIRE FOR D2 DATA PORT;
 2 X MEDICAL VACUUM OUTLET;
 2 X MEDICAL OXYGEN OUTLET



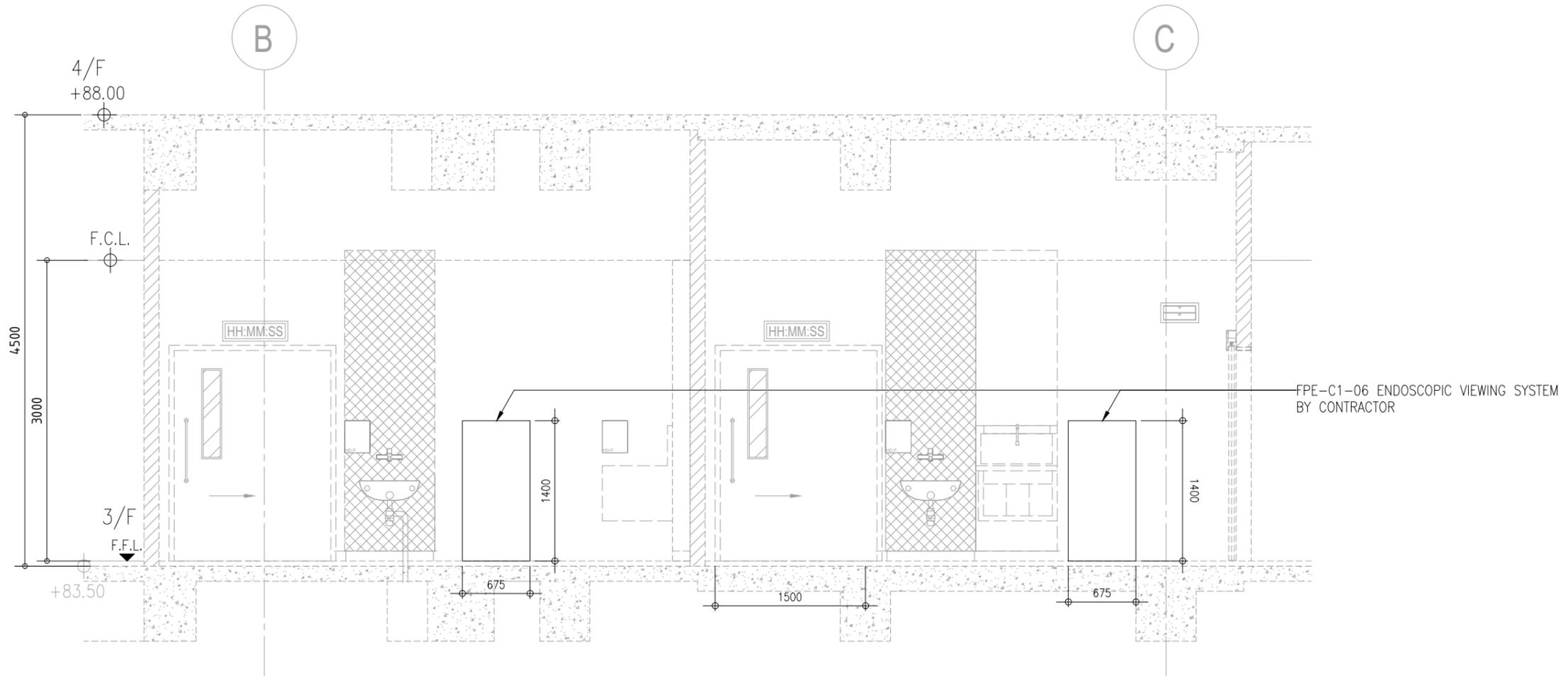
3/F ENDOSCOPY ROOM (A&B)(C1.1.1)&(C1.1.2)



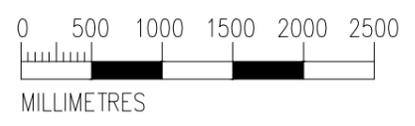
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MAIN CONTRACTOR:	中國建築工程(香港)有限公司 CHINA STATE CONSTRUCTION ENGINEERING HONG KONG LIMITED
ARCHITECT:	王歐陽(香港)有限公司 WONG & OUYANG (HK) LTD
STRUCTURAL ENGINEER:	SW
BUILDING SERVICES ENGINEER:	isp
LANDSCAPE DESIGNER:	ADI
INTERIOR DESIGNER:	
MODULAR CONSTRUCTION DESIGNER:	中國建築建築科技有限公司 CHINA STATE BUILDING CONSTRUCTION TECHNOLOGY COMPANY LIMITED
MEDICAL CONSULTANT:	中環國際醫療產業發展有限公司 CHINA STATE CONSTRUCTION INT'L MEDICAL INDUSTRY DEVELOPMENT CO., LTD.
CONTRACT NO.	SS K514
PROGRAMME NO.	001MZ & 116MH
PROJECT	DESIGN AND CONSTRUCTION OF CHINESE MEDICINE HOSPITAL AND GOVERNMENT CHINESE MEDICINES TESTING INSTITUTE IN TSEUNG KWAN O
DRAWING TITLE	COMPOSITE DRAWING OF ENDOSCOPIC VIEWING SYSTEM LAYOUT
DRAWN BY	RC/WKL DATE OCT2023
CHECKED BY	KI DATE OCT2023
SCALE	1:50 JOB NO. BJY
DRAWING NUMBER	REV
BS/8515/A/COM/FPE-C1-06/201	1

REVISIONS		
NUMBER	DESCRIPTION	DATE
0	FIRST SUBMISSION	MAR 2023
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ELEVATION A
 REFERENCE LAYOUT PLAN:
 BS/8515/A/COM/FPE-C1-6/201



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MAIN CONTRACTOR:
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CONTRACT NO.
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PROJECT
 DESIGN AND CONSTRUCTION
 OF CHINESE MEDICINE
 HOSPITAL AND GOVERNMENT
 CHINESE MEDICINES TESTING
 INSTITUTE IN TSEUNG KWAN O

DRAWING TITLE
 COMPOSITE DRAWING OF
 ENDOSCOPIC VIEWING
 SYSTEM ELEVATION

DRAWN BY RC/WKL DATE OCT2023

CHECKED BY KT DATE OCT2023

SCALE 1:50 JOB NO. BJJ

DRAWING NUMBER	REV
BS/8515/A/COM/FPE-C1-06/901	1

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