

A) GENERAL NOTES

WORKS TO BE PROVIDED AND INSTALLED BY CONTRACTORS

- THE CONTRACTORS SHALL BE RESPONSIBLE TO SUPPLY, DESIGN, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF THE FORWARD PROCURED EQUIPMENT (FPE) AS SHOWN ON COMPOSITE DRAWINGS.
- THE CONTRACTORS SHALL CO-ORDINATE ON SITE WITH ALL RELEVANT PARTIES, IN PARTICULAR THE DESIGN AND BUILD CONTRACTOR, FOR THE INSTALLATION.
- THE CONTRACTORS SHALL SUBMIT ALL FPE INSTALLATION DETAILS TO DESIGN AND BUILD CONTRACTOR FOR CO-ORDINATION AT LEAST 7 DAYS PRIOR TO INSTALLATION.
- 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.
- ALL FINAL CONNECTION FROM INTERFACING AND CAPPED OFF POINTS (E.G. ISOLATOR, VALVE, ETC.) TO FPE EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY CONTRACTORS.
- ALL SERVICES IN DARK SOLID LINE AS SHOWN IN THE DRAWINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTORS UNLESS OTHERWISE SPECIFIED.
- 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.
- 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.
- 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.
- 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.
- ALL EQUIPMENT WALL AND FALSE CEILING PANEL CUT OFF, PIPE SLEEVE, SEALING AND MAKE GOOD WORKS SHALL BE DESIGNED, PROVIDED & INSTALLED BY THE CONTRACTORS.
- SUPPORTING FRAME FOR FPE EQUIPMENT SHALL BE DESIGNED, PROVIDED & INSTALLED BY THE CONTRACTORS, UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTORS SHALL BE RESPONSIBLE FOR COVER UP ALL CABLE CONTAINMENT (TRUNKING & JUNCTION).
- THE CONTRACTORS SHALL BE RESPONSIBLE TO DESIGN THE PROVISION FOR MAINTENANCE (E.G. MOUNTING HOOD, ACCESS PANEL, ACCESS DOOR, ETC).
- ALL FINAL CONNECTION FROM ISOLATION / GATE VALES AND CAPPED-OFF POINTS TO FPE EQUIPMENT WOULD BE PROVIDED AND INSTALLED BY THE CONTRACTORS.
- THE CONTRACTORS SHALL BE RESPONSIBLE TO ENSURE THEIR INSTALLATION TO COMPLY WITH ALL RELEVANT REGULATION, GUIDELINE, STANDARD, ETC.
- 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.
- EQUIPOTENTIAL BONDING FOR MEDICAL EQUIPMENT SHOULD BE FINISHED BY THE CONTRACTORS.
- 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.
- 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.
- 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.
- 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.
- 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

- ISOLATOR (RATING AS INDICATED), TPN UNLESS OTHERWISE SPECIFIED (NORMAL POWER) (MOUNTING LEVEL AT 300mm AFCL, UNLESS OTHERWISE SPECIFIED)
- ISOLATOR (RATING AS INDICATED), TPN UNLESS OTHERWISE SPECIFIED (ESSENTIAL POWER) (MOUNTING LEVEL AT 300mm AFCL, UNLESS OTHERWISE SPECIFIED)

PLUMBING & DRAINAGE INSTALLATION

- COLD WATER POINT (SIZE AS INDICATED ON DRAWING)
- HOT WATER POINT (SIZE AS INDICATED ON DRAWING)
- OPEN TRAPPED GULLY

MEDICAL GAS INSTALLATION

- NON-MEDICAL COMPRESSED AIR PIPE C/W BALL VALVE (7 BAR)

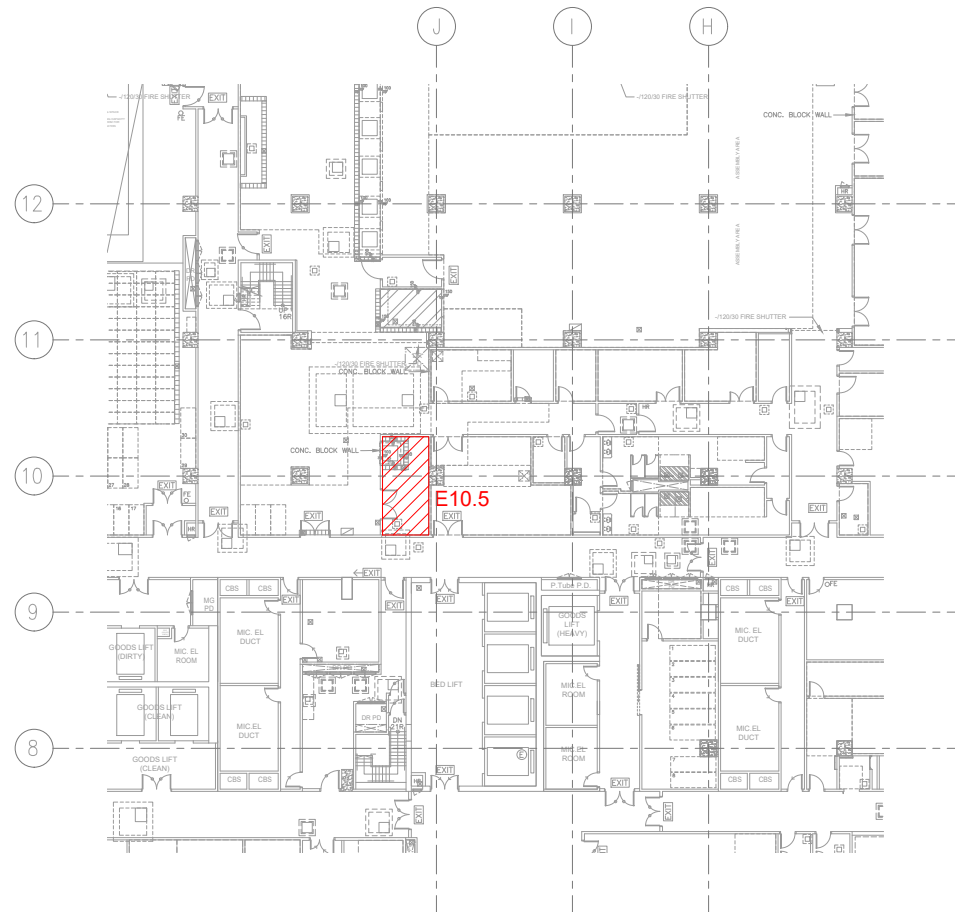
ACMV INSTALLATION

- LOCAL EXHAUST AIR DUCT

C) ROOM CONDITIONS

ROOM NAME: INFECTED LINEN LAUNDRY SECTION (E10.5)

- a) TEMPERATURE IN SUMMER & WINTER : 25.5°C & 20°C
- b) HUMIDITY IN SUMMER & WINTER : 60%RH
- c) ILLUMINATION LEVEL : 300LUX
- d) CEILING HEIGHT : 4000mm
- e) CEILING FINISH : ALUMINIUM TILE SUSPENDED CEILING
- f) WALL FINISH : CERAMIC TILES
- g) FLOOR FINISH : EPOXY FLOORING
- h) SKIRTING FINISH : POLISHED COVERED HOMOGENOUS TILES
- i) FLOOR SLAB IMPOSED LOAD : 7.5kPa



E10.5 INFECTED LINEN LAUNDRY SECTION AT LG/F
SCALE 1 : 500

COMPOSITE DRAWING SUBMISSION

| REVISIONS | | |
|-----------|-------------------|----------|
| NUMBER | DESCRIPTION | DATE |
| 0 | FIRST SUBMISSION | DEC 2022 |
| 1 | SECOND SUBMISSION | AUG 2023 |
| 2 | THIRD SUBMISSION | JUL 2024 |

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

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

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SW

BUILDING SERVICES ENGINEER
WSP

LANDSCAPE DESIGNER
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MODULAR CONSTRUCTION DESIGNER
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CHINA STATE BUILDING CONSTRUCTION TECHNOLOGY COMPANY LIMITED

MEDICAL CONSULTANT
中國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 ELECTRIC HEATED WASHER EXTRACTOR GENERAL NOTES, LEGEND AND KEY PLAN

DRAWN BY: RW/KL DATE: AUG2023
CHECKED BY: KT DATE: AUG2023

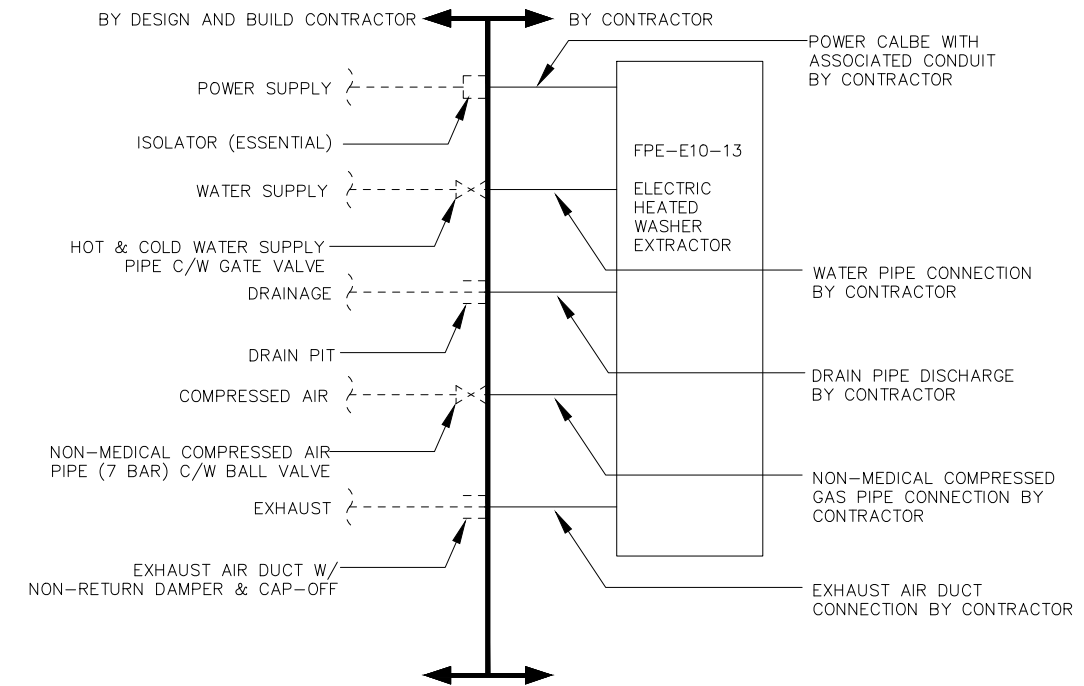
SCALE: N.T.S. JOB NO.: BJY
DRAWING NUMBER: BS/8515/A/COM/FPE-E10-13/001 REV: 2

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C) 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-E10-13 | ELECTRIC HEATED WASHER EXTRACTOR (QTY: 1 NO.) | 1. POWER : 1 x 32A TPN ISOLATOR (ESSENTIAL & IP65); 1 x 63A TPN ISOLATOR (ESSENTIAL & IP65) 2. COLD WATER : 1 x ϕ 28mm PIPE C/W GATE VALVE 3. HOT WATER : 1 x ϕ 28mm PIPE C/W GATE VALVE 4. MEDICAL GAS : 1 x ϕ 22mm NON-MEDICAL COMPRESSED AIR (7 BAR) C/W BALL VALVE 5. DRAINAGE : 1000mmx1000mmx600mm(D) DRAIN PIT 6. LOCAL EXHAUST: 250x250mm EXHAUST AIR DUCT W/ NON-RETURN DAMPER & CAP-OFF (FLOW RATE \geq 1020m ³ /hr) 7. BUILDER'S WORK: 100mm(D) PLINTH | LG/F INFECTED LINEN LAUNDRY SECTION (E10.5) |

D) DEMARCATION DIAGRAM:



E) DRAWING LIST

| DRAWING NO. | REVISION | DRAWING TITLE |
|------------------------------|----------|--|
| BS/8515/A/COM/FPE-E10-13/001 | 2 | COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR GENERAL NOTES, LEGEND AND KEY PLAN |
| BS/8515/A/COM/FPE-E10-13/002 | 5 | COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR DEMARCATION DIAGRAM, EQUIPMENT SCHEDULE AND DESIGN AND BUILD CONTRACTOR'S PROVISIONS |
| BS/8515/A/COM/FPE-E10-13/201 | 5 | COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR LG/F LAYOUT PLAN |
| BS/8515/A/COM/FPE-E10-13/901 | 5 | COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR ELEVATION 1 |
| BS/8515/A/COM/FPE-E10-13/902 | 5 | COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR ELEVATION 2 |

COMPOSITE DRAWING SUBMISSION

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MEDICAL CONSULTANT
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DRAWING TITLE
COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR DEMARCATION DIAGRAM, EQUIPMENT SCHEDULE, DESIGN AND BUILD CONTRACTOR'S PROVISIONS AND DRAWING LIST

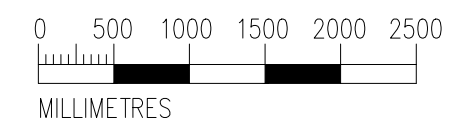
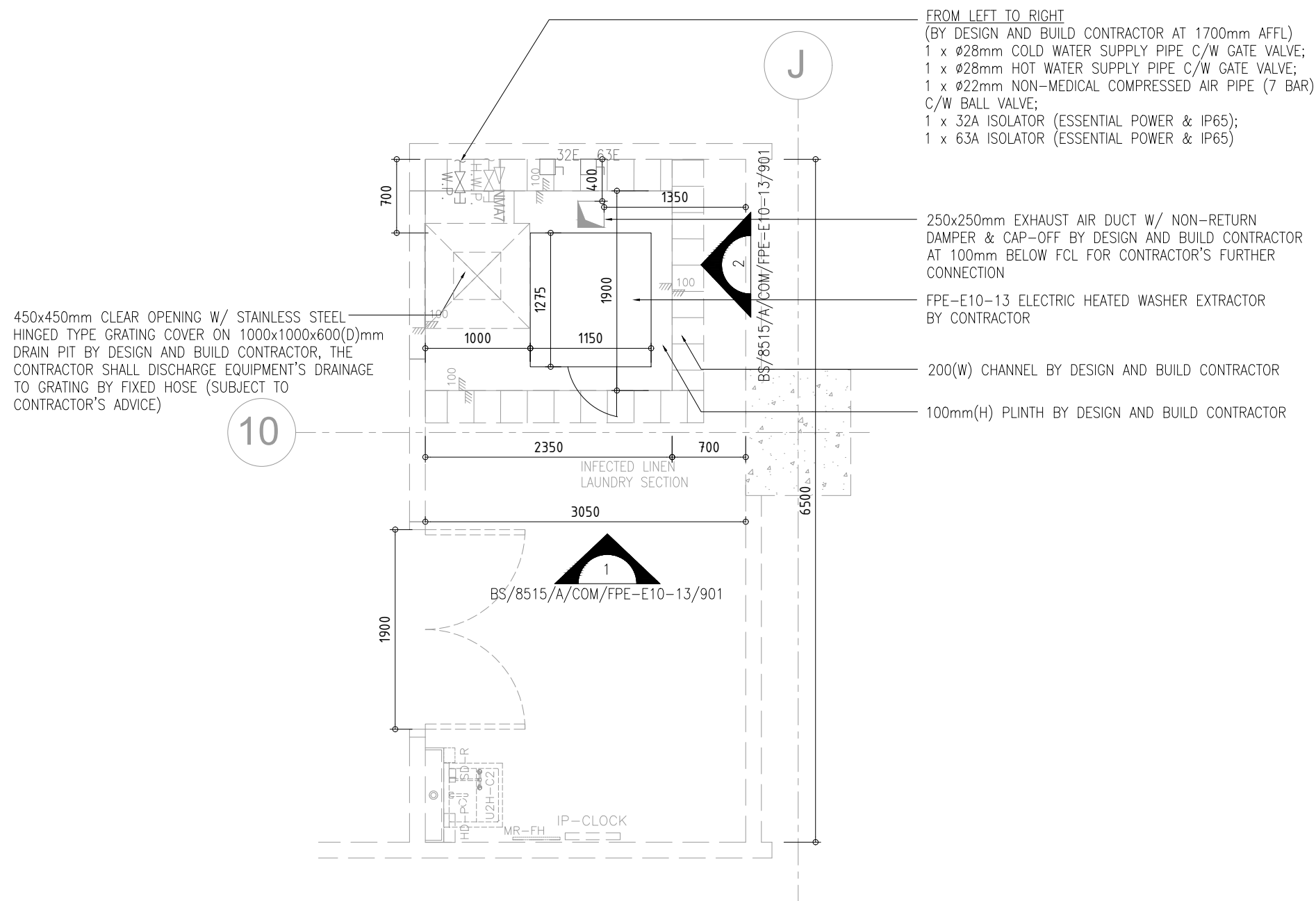
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CHECKED BY: RT DATE: MAR2024

SCALE: N.T.S. JOB NO.: BJY

| DRAWING NUMBER | REV |
|------------------------------|-----|
| BS/8515/A/COM/FPE-E10-13/002 | 5 |

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COMPOSITE DRAWING SUBMISSION

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 COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR LG/F LAYOUT PLAN

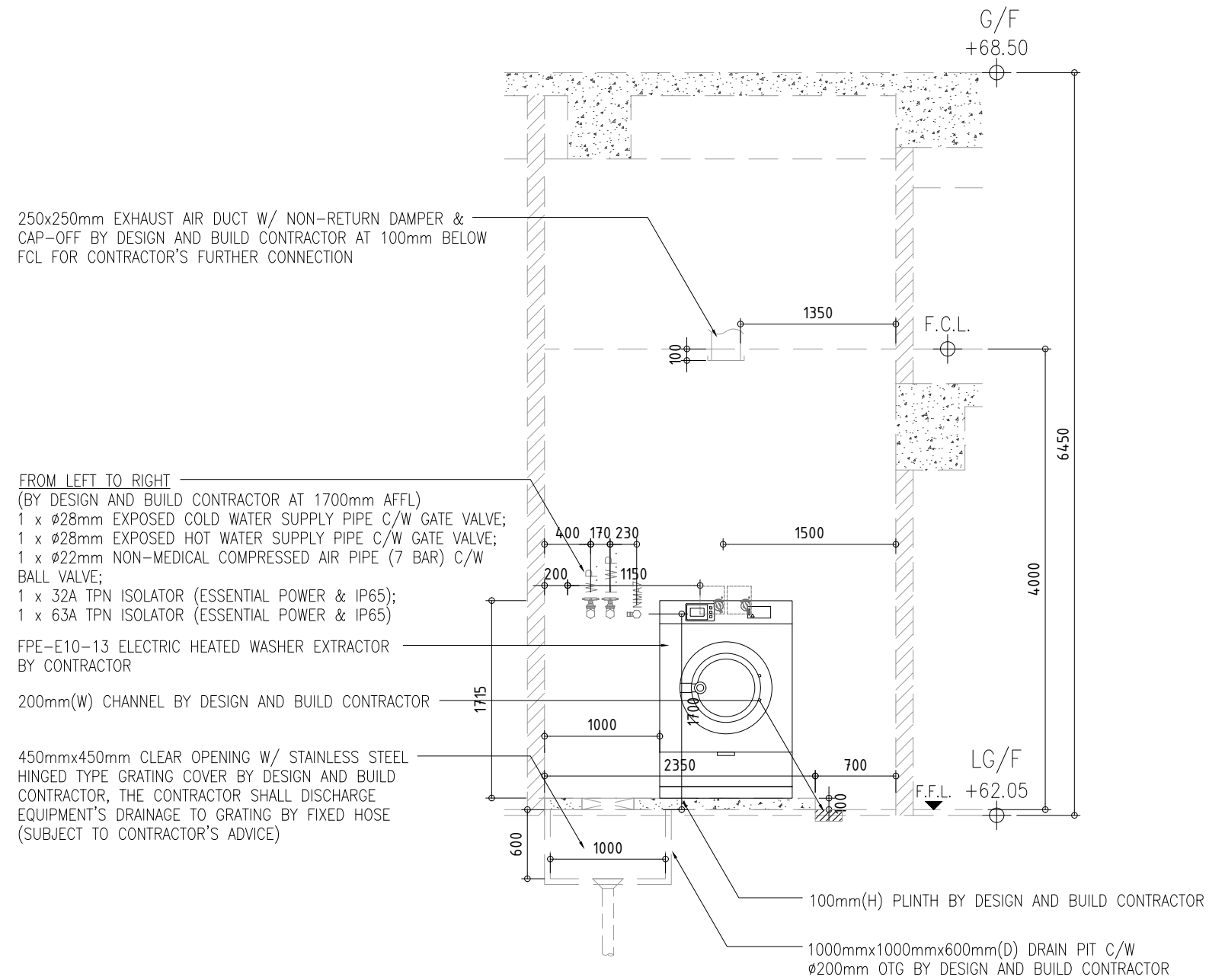
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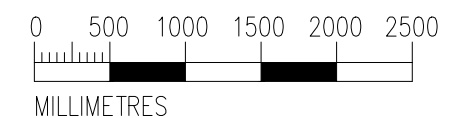
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ELEVATION 1

REFERENCE LAYOUT PLAN:
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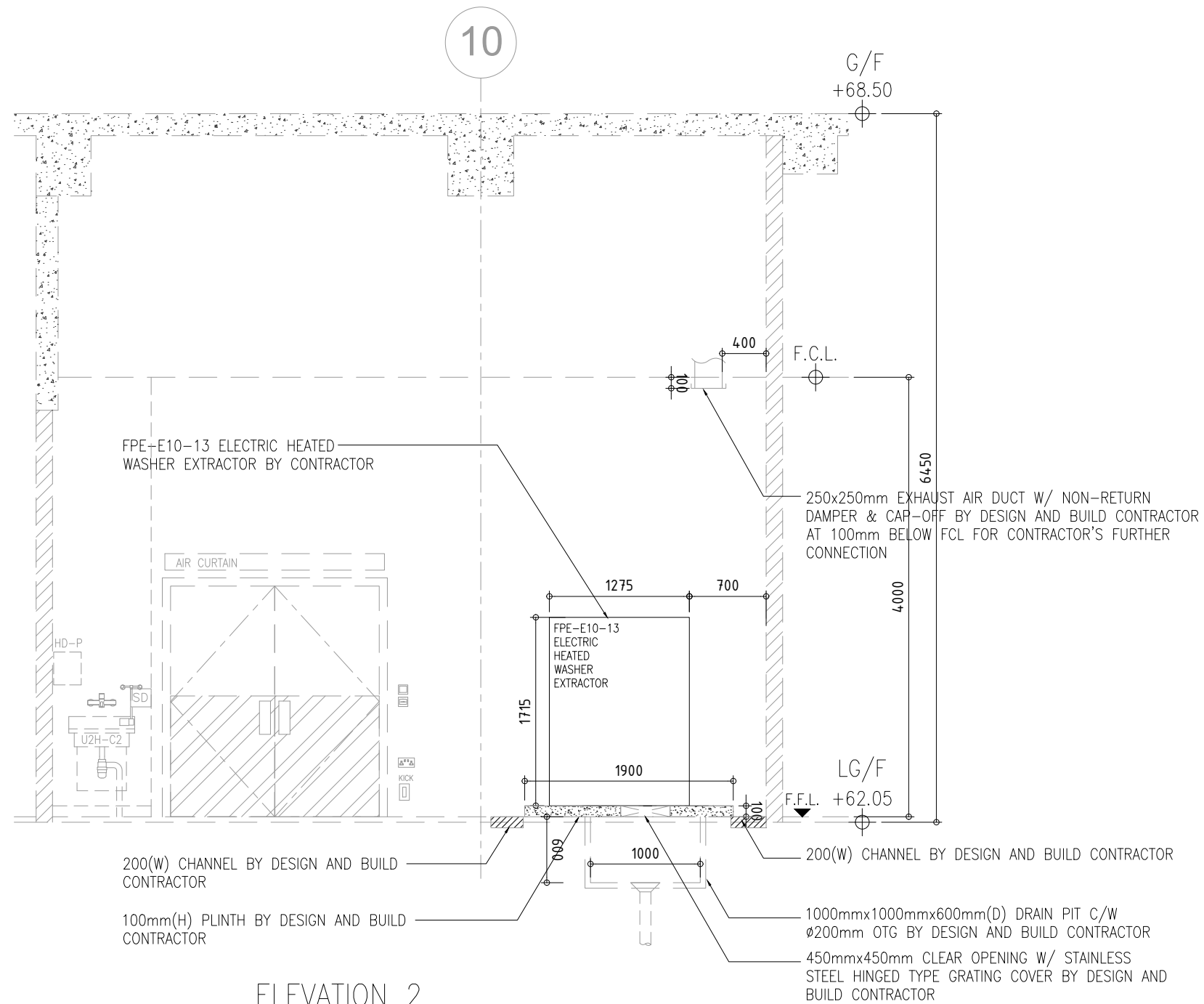
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COMPOSITE DRAWING OF ELECTRIC HEATED WASHER EXTRACTOR ELEVATION 1

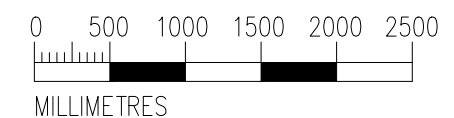
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ARCHITECTURAL SERVICES DEPARTMENT



ELEVATION 2

REFERENCE LAYOUT PLAN:
BS/8515/A/COM/FPE-E10-13/201



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COMPOSITE DRAWING SUBMISSION

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ELECTRIC HEATED WASHER
EXTRACTOR
ELEVATION 2

DRAWN BY RW/KL DATE MAR2024

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