

ตารางแสดงวงเงินงบประมาณที่ได้รับจัดสรรและรายละเอียดค่าใช้จ่าย
การจัดซื้อจัดจ้างที่มีใช้งานก่อสร้าง

๑. ชื่อโครงการ : งานย้ายแนวท่อดับเพลิง ท่อระบายน้ำ และท่อเติมอากาศ ภายในอาคารจอดรถ
สถานีรถไฟฟ้ามหานครบางใต้
๒. หน่วยงานเจ้าของโครงการ : การรถไฟฟ้าขนส่งมวลชนแห่งประเทศไทย (รฟม.)
๓. วงเงินงบประมาณที่ได้รับจัดสรร : ๔๖๐,๐๐๐.๐๐ บาท (สี่แสนหกหมื่นบาทถ้วน)
๔. วันที่กำหนดราคากลาง (ราคาอ้างอิง) ณ วันที่ ๒๓ เมษายน ๒๕๖๗
เป็นเงิน ๔๔๙,๔๐๐.๐๐ บาท (สี่แสนสี่หมื่นเก้าพันสี่ร้อยบาทถ้วน) ซึ่งเป็นราคารวมภาษีมูลค่าเพิ่มตลอดจน
ภาษีอากรอื่นๆ และค่าใช้จ่ายอื่นที่ปวงด้วยแล้ว
๕. แหล่งที่มาของราคากลาง (ราคาอ้างอิง) ราคาที่สืบราคาจากท้องตลาด : จากบริษัท เมก้า แพลนเน็ต จำกัด
๖. รายชื่อเจ้าหน้าที่ผู้กำหนดราคากลาง
นายสุพจน์ อินทร์สุวรรณ ทน.บช.3 กบย. ฝปก.

งานย้ายแนวท่อดับเพลิง ท่อระบายน้ำ และท่อเติมอากาศ ภายในอาคารจอดรถ สถานีรถไฟฟ้าคลองบางไผ่

1. ความเป็นมา

เนื่องจากการรถไฟฟ้าขนส่งมวลชนแห่งประเทศไทย (รฟม.) มีความต้องการปรับปรุงพื้นที่ อาคารจอดรถ สถานีรถไฟฟ้าคลองบางไผ่ สำหรับเป็นจุดเชื่อมต่อขนส่งสาธารณะระหว่างรถไฟฟ้าและรถตู้สาธารณะ เพื่อรองรับผู้ใช้บริการรถไฟฟ้าและรถตู้สาธารณะ โดยหน่วยงานระบบต่าง ๆ ไม่ได้ออกแบบมาเพื่อรับรองการสัญจรของรถที่มีความสูงเกินกว่า 2.1 เมตร เข้ามาในพื้นที่ จึงมีความจำเป็นต้องย้ายแนวท่อทางระบบต่าง ๆ เพื่อปรับแนวท่อให้มีความสูงมากกว่า 2.3 เมตร เพื่อให้รถตู้สามารถสัญจรเข้ามาภายในพื้นที่อาคารจอดรถได้

2. วัตถุประสงค์

จ้างย้ายแนวท่อดับเพลิง ท่อระบายน้ำ และท่อเติมอากาศ ภายในอาคารจอดรถ สถานีรถไฟฟ้าคลองบางไผ่ เพื่อปรับแนวความสูงของท่อทางระบบต่าง ๆ สำหรับให้รถตู้สาธารณะสามารถเข้า - ออกภายในอาคารจอดรถ และใช้เป็นจุดเชื่อมต่อขนส่งสาธารณะได้

3. คุณสมบัติของผู้รับจ้าง

3.1 มีความสามารถตามกฎหมาย

3.2 ไม่เป็นบุคคลล้มละลาย

3.3 ไม่อยู่ระหว่างเลิกกิจการ

3.4 ไม่เป็นบุคคลซึ่งอยู่ระหว่างถูกระงับการยื่นข้อเสนอหรือทำสัญญากับหน่วยงานของรัฐไว้ชั่วคราวเนื่องจากเป็นผู้ที่ไม่ผ่านเกณฑ์การประเมินผลการปฏิบัติงานของผู้ประกอบการตามระเบียบที่รัฐมนตรีว่าการกระทรวงการคลัง กำหนดตามที่ประกาศเผยแพร่ในระบบเครือข่ายสารสนเทศของกรมบัญชีกลาง

3.5 ไม่เป็นบุคคลซึ่งถูกแจ้งเวียนชื่อไว้เป็นผู้ทำงาน และได้แจ้งเวียนชื่อให้เป็นผู้ทำงานของหน่วยงานของรัฐในระบบเครือข่ายสารสนเทศของกรมบัญชีกลาง ซึ่งรวมนิติบุคคลที่ทำงานเป็นหุ้นส่วนผู้จัดการ กรรมการผู้จัดการ ผู้บริหาร ผู้มีอำนาจในการดำเนินงานในกิจการของนิติบุคคลนั้นด้วย

3.6 มีคุณสมบัติและไม่มีลักษณะต้องห้ามตามที่คณะกรรมการนโยบายการจัดซื้อจัดจ้างและการบริหารพัสดุภาครัฐกำหนดในราชกิจจานุเบกษา

4. รูปแบบรายการหรือคุณลักษณะเฉพาะ

4.1 งานย้ายแนวท่อดับเพลิง ท่อระบายน้ำ และท่อเติมอากาศ ภายในอาคารจอดรถ สถานีรถไฟฟ้าคลองบางไผ่ รายละเอียดของงานประกอบไปด้วย

4.1.1 งานปรับแนวท่อดับเพลิงสูงจากระดับพื้นไม่น้อยกว่า 2.3 เมตร ตามตำแหน่งที่ระบุไว้ในแบบปริมาณระบุไว้ตามแบบแสดงรายการ ปริมาณงาน

4.1.2 งานปรับแนวท่อระบายน้ำสูงจากระดับพื้นไม่น้อยกว่า 2.3 เมตร ตามตำแหน่งที่ระบุไว้ในแบบปริมาณระบุไว้ตามแบบแสดงรายการ ปริมาณงาน

/4.1.3 งานปรับแนวท่อเติม...

กมล

4.1.3 งานปรับแนวท่อเดิมอากาศสูงจากระดับพื้นไม่น้อยกว่า 2.3 เมตร ตามตำแหน่งที่ระบุไว้ในแบบ ปริมาณระบุไว้ตามแบบแสดงรายการ ปริมาณงาน

4.2 การย้ายตำแหน่งท่อดังกล่าว ส่วนปรับปรุง ส่วนควบอุปกรณ์ และงานระบบต่าง ๆ ตามโครงการดังกล่าว จะต้องปรับปรุงหรือก่อสร้างอย่างเหมาะสม และจะต้องดำเนินการตามพระราชบัญญัติควบคุมอาคาร พ.ศ. 2522 และกฎหมาย กฎ ข้อบังคับ รวมทั้งระเบียบ คำสั่ง ประกาศใด ๆ หลักเกณฑ์ มาตรฐานความปลอดภัยที่เกี่ยวข้อง และในการติดตั้งระบบท่อดับเพลิงในโครงการนี้ให้เชื่อมประกอบภายนอกอาคารและนำมาติดตั้งโดยเชื่อมต่อ ภายในให้น้อยที่สุดเพื่อลดก๊าซพิษในอาคาร

4.3 รพม. มีอำนาจหน้าที่ในการตรวจสอบผลการดำเนินงาน รวมทั้งอุปกรณ์ และงานระบบต่าง ๆ ทั้งหลาย เพื่อให้เป็นไปตามเงื่อนไขสัญญา กฎหมาย กฎ ข้อบังคับ รวมทั้งระเบียบ คำสั่ง ประกาศใด ๆ หลักเกณฑ์และ มาตรฐานความปลอดภัยที่เกี่ยวข้อง และติดตามผลการดำเนินงาน โดยเจ้าหน้าที่ ฝ่ายปฏิบัติการ รพม.

5. เงื่อนไขอื่น ๆ

5.1 ผู้รับจ้าง ต้องมีวิศวกรควบคุมงาน เข้ามาควบคุมดูแลงานทุกวันที่มาปฏิบัติงาน อย่างน้อย 1 คนต่อวัน จนกว่าจะส่งมอบงานแล้วเสร็จ

5.2 ความเสียหายที่เกิดจากการปฏิบัติงานของผู้รับจ้างนั้น ผู้รับจ้างจะต้องดำเนินการแก้ไขปรับปรุงซ่อมแซม ให้อยู่ในสภาพที่ดีสามารถใช้งานได้เหมือนเดิมก่อนส่งมอบงาน และผู้รับจ้างจะนำมาเป็นข้ออ้างในการขอค่าจ้าง เพิ่มหรือขยายระยะเวลาในการดำเนินการไม่ได้

5.3 ผู้รับจ้างจะต้องดำเนินการรื้อถอนวัสดุและอุปกรณ์เดิมทั้งหมด และขนย้ายไปจัดเก็บ ณ บริเวณที่ รพม. กำหนด

5.4 ผู้รับจ้างต้องสำรวจและศึกษาข้อมูลต่าง ๆ ให้เป็นที่เข้าใจในพื้นที่ที่จะปรับปรุงและงานระบบที่เกี่ยวข้อง

5.5 ผู้รับจ้างจะต้องดำเนินการจัดส่งแผนการเข้าปฏิบัติงานให้ รพม. ก่อนเข้าดำเนินการไม่น้อยกว่า 5 วันทำการ

6. ระยะเวลาดำเนินการ

ภายใน 60 วัน นับถัดจากวันลงนามในใบสั่งจ้าง

7. หลักเกณฑ์การพิจารณาคัดเลือกข้อเสนอ

ใช้เกณฑ์ราคา และพิจารณาจากราคารวม

8. วงเงินงบประมาณ/วงเงินที่ได้รับจัดสรร

วงเงินงบประมาณที่จะจัดซื้อจัดจ้าง 460,000.00 บาท (สี่แสนหกหมื่นบาทถ้วน) รวมภาษีมูลค่าเพิ่ม
ราคากลาง 439,610.50 บาท (สี่แสนสามหมื่นเก้าพันหกร้อยสิบบาทห้าสิบบาทห้าสตางค์) รวมภาษีมูลค่าเพิ่ม

9. งวดงานและการจ่ายเงิน

ผู้รับจ้างต้องส่งมอบพัสดุให้กับผู้ว่าจ้างภายใน 60 วัน นับถัดจากวันลงนามในสัญญาหรือวันสั่งจ้าง โดยส่งมอบจำนวน 1 งวด ให้ครบถ้วน และเมื่อตรวจรับพัสดุถูกต้องครบถ้วนแล้ว ผู้ซื้อหรือผู้ว่าจ้างจะจ่ายเงิน ให้กับผู้ขายหรือผู้รับจ้างให้ครบถ้วนภายในกำหนด 1 งวด

10. อัตราค่าปรับ

กำหนดค่าปรับเป็นรายวันในอัตราร้อยละ 0.10 ของราคางานจ้างที่ยังไม่ได้รับมอบ

11. การกำหนดระยะเวลารับประกันความชำรุดบกพร่อง (ถ้ามี)

รับประกันผลงาน 180 วัน นับจากวันที่ส่งมอบงาน

12. เจ้าหน้าที่ผู้รับผิดชอบในการจัดทำร่างขอบเขตของงาน/รายละเอียดคุณลักษณะเฉพาะ ที่จะจ้าง

นายสุพจน์ อินทร์สุวรรณ ทน.บช.3 กบย. ฝปก.

คณอน

| LEGEND | |
|--------|---|
| | CONDENSATE DRAIN |
| | DRAIN |
| | FIRE |
| | IRRIGATION |
| | KITCHEN WASTE |
| | RAIN LEADER |
| | SPRINKLER |
| | PIPE GUIDE |
| | PIPE ANCHOR |
| | FLOW - IN DIRECTION OF ARROW |
| | SOFT START - SOFT STOP STARTER |
| | DIRECT ON LINE STARTER |
| | STAR-DELTA STARTER |
| | BLUE PILOT LAMP |
| | RED PILOT LAMP |
| | YELLOW PILOT LAMP |
| | RISER DOWN (ELBOW) |
| | RISER UP (ELBOW) |
| | RISER OR DROP |
| | BRANCH - BOTTOM CONNECTION |
| | BRANCH - SIDE CONNECTION |
| | BRANCH - TOP CONNECTION |
| | UNION |
| | BLIND FLANGE |
| | CAP ON THE END OF PIPE |
| | PLUGGED TEE |
| | PUMP |
| | AUTOMATIC AIR VENT |
| | BACKFLOW PREVENTER |
| | FLEXIBLE CONNECTOR |
| | FLOW METER |
| | HOSE BIBB |
| | PRESSURE GAUGE WITH GAUGE COCK |
| | PRESSURE SWITCH |
| | SHOCK ABSORBER / WATER HAMMER ARRESTOR |
| | VALVE IN RISER |
| | ALARM CHECK VALVE |
| | ANGLE VALVE |
| | BALANCING VALVE |
| | BALL VALVE |
| | BUTTERFLY VALVE |
| | CHECK VALVE |
| | DELUGE VALVE |
| | FLOW SWITCH |
| | FOOT VALVE |
| | FLOAT VALVE |
| | GATE VALVE |
| | OS & Y GATE VALVE |
| | PRESSURE REDUCING VALVE |
| | PRESSURE RELIEF VALVE |
| | SOLENOID VALVE |
| | SUPERVISED VALVE |
| | TEMPERATURE / PRESSURE RELIEF VALVE |
| | DETECTOR |
| | FOAM GENERATOR |
| | PROPORTIONER |
| | DRY PENDENT SPRINKLER HEAD |
| | PENDENT SPRINKLER HEAD |
| | UPRIGHT SPRINKLER HEAD |
| | SPRINKLER FLOW SWITCH |
| | FIRE DEPARTMENT CONNECTION (FDC) |
| | CARBONDIOXIDE PORTABLE FIRE EXTINGUISHER 4.5kg |
| | ABC DRY CHEMICAL PORTABLE FIRE EXTINGUISHER 4.5kg RATING 6A-20B |
| | FIRE HYDRANT |
| | FIRE HOSE BOX |
| | FIRE HOSE CABINET |
| | ELECTRICAL CONTROL PANEL |
| | STRAINER |
| | ZONE CONTROL VALVE |
| | SIGHT GLASS |
| | REDUCER |

| ABBREVIATIONS | | | |
|---------------|----------------------------------|----------|-------------------------------|
| A | AIR | FP | FIRE PUMP |
| AAV | AUTOMATIC AIR VENT | FS | FLOW SWITCH |
| AB | AIR BLOWER | FSP | FIRE STANDPIPE |
| A/C, AC. | ABOVE CEILING | FT | FOUNTAIN |
| AC | AIR CHAMBER | FTP | FOUNTAIN PUMP |
| ACF | ACTIVATED CARBON FILTER | FU | FIXTURE UNIT |
| AD | AREA DRAIN | FWP | FEED WATER PUMP |
| A/F | ABOVE FLOOR | G | LPG GAS |
| AFF | ABOVE FINISHED FLOOR | GCO | GRADE CLEAN OUT |
| AFG | ABOVE FINISHED GRADE | HB | HOSE BIBB |
| AP | ACCESS PANEL | H/L, HL. | HIGH LEVEL |
| AT | AERATOR | HWS | HOT WATER SUPPLY |
| B/C | BELOW CEILING | I | INLET |
| BCO | BASE CLEAN OUT | IE | INVERT ELEVATION |
| B/F | BELOW FLOOR | IL | INVERT LEVEL |
| BFA | BELOW FLOOR ABOVE | IR | IRRIGATION |
| B/G | BELOW GRADE | IW | INDIRECT DRAIN |
| B.O.H. | BACK OF HOUSE | JP | JOCKEY PUMP |
| BOP | BOTTOM OF PIPE | KW | KITCHEN WASTE |
| BOS | BOTTOM OF SUMP | L/R | LEFT TO RIGHT |
| BP | BOOSTER PUMP SET | MAX | MAXIMUM |
| BWV | BACKWATER VALVE | MD | MAIN DRAIN |
| CA | COMPRESSED AIR | MF | MICRON FILTER |
| CF | CHEMICAL FEED | MH | MANHOLE |
| CFP | CHEMICAL FEED PUMP | MIN | MINIMUM |
| CL | CENTER LINE | MSL | MEAN SEA LEVEL |
| CD | CONDENSATE DRAIN | MV | MIXING VALVE |
| CO | CLEAN OUT | MX | MIXER |
| CR | CONDENSATE RETURN | NC | NORMALLY CLOSE |
| CT | CHEMICAL STORAGE TANK | NO | NORMALLY OPEN |
| CV | CHECK VALVE | PHE | PLATE HEAT EXCHANGER |
| CW | COLD WATER | PRL | PRESSURE RELIEF LINE |
| CWP | COLD WATER TRANSFER PUMP | PRV | PRESSURE REDUCING VALVE |
| D | DRAIN | PS | PRESSURE SWITCH |
| DKW | DRINKING WATER | RCP | RECIRCULATING PUMP |
| DN | DOWN | RCV | SPRINKLER RISER CONTROL VALVE |
| DP | DRAINAGE PUMP | RD | ROOF DRAIN |
| EFP | EFFLUENT PUMP | RL | RAIN LEADER |
| EL | ELEVATION | RV | PRESSURE RELIEF VALVE |
| EOP | EQUALIZATION PUMP | S | SOIL |
| EWC | ELECTRIC WATER COOLER | SA | SHOCK ABSORBER |
| EWH | ELECTRIC WATER HEATER | SCD | SCUPPER DRAIN |
| F | FIRE | SD | STORM DRAINAGE |
| F/A | FROM ABOVE | SF | SAND FILTER |
| F/B | FROM BELOW | SFN | WATER SOFTENER |
| FC | FAUCET | SH | SHOWER |
| FCO | FLOOR CLEAN OUT | SLP | SLUDGE PUMP |
| FCV | SPRINKLER FLOOR CONTROL VALVE | SPK | SPRINKLER |
| FD | FLOOR DRAIN | SR | STEAM RETURN (CONDENSATE) |
| FDC | FIRE BSJARTMENT CONNECTION (FDC) | SS | STEAM SUPPLY |
| FE | FIRE EXTINGUISHER | SW | SOIL AND WASTE (SEWER) |
| FF | FINISHED FLOOR | SWP | SEWAGE PUMP |
| FFD | FUNNEL FLOOR DRAIN | SVS | SUPERVISORY SWITCH |
| FH | FIRE HYDRANT | T/A | TO ABOVE |
| FHB | FIRE HOSE BOX | T/B | TO BELOW |
| FHC | FIRE HOSE CABINET | TEMP | TEMPERATURE |
| FHR | FIRE HOSE REEL | FOP | FUEL OIL PUMP |
| FM | FLOW METER | FOR | FUEL OIL RETURN |
| T & P | TEMPERATURE & PRESSURE | FOS | FUEL OIL SUPPLY |

| ABBREVIATIONS | | | |
|---------------|---------------------------|-----|-----------------------|
| TP | TRAP PRIMER | VSB | VERTICAL STEAM BOILER |
| TSW | TAMPER SWITCH | VTR | VENT THROUGH ROOF |
| U/D | UP TO DOWN | W | WASTE |
| U/G | UNDERGROUND | W/ | WITH |
| UON | UNLESS OTHERWISE NOTED | WC | WATER CLOSET |
| UR | URINAL | WCO | WALL CLEAN OUT |
| UTS | UP THROUGH SLAB | WH | WALL HYDRANT |
| UV | ULTRAVIOLET STERILIZER | WHA | WATER HAMMER ARRESTOR |
| V | VENT | WHB | WASHHAND BASIN |
| VAC | VACUUM | WHU | WATER HEATER UNIT |
| VHB | VERTICAL HOT WATER BOILER | | |

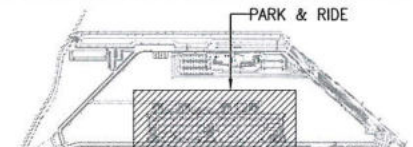




GENERAL SYMBOL & ABBREVIATION
SCALE A1 = NTS. A3 = NTS.






| | | | | | | | | | |
|---|--|-----------------------|---|--|-----------------|---|---|---|---|
| MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE DRAWN : ATHITAYA P. อธิตยา CHECKED : RONGRIT P. รังริต PM : DATE : 30 MARCH 2015 | REV.NO. DATE DESCRIPTION APPROVED - 23/01/15 FIRST ISSUED A 23/02/15 FOR CHECK INSTALLATION ON SITE B 10/04/15 AS-BUILT DRAWING | PARK & RIDE | PREVIEWED BY Mr.Soroj neuchamphan DATE: 11 MAY 2015 | CHECKED BY RE.3 DATE: 11 MAY 2015 | CHECKED BY SPECIALIST DATE: 11 MAY 2015 | APPROVED BY ER. DATE: 11 MAY 2015 |
| | | | REF.CONTRACT DWG. NO. DP3/PO-001 STATUS DWG. NO. C3/D03/SN1/002/B SCALE A1 = NTS. A3 = NTS. SHEET NO. 02 | BANG YAI TO BANG SUE SECTION CONTRACT 3 TITLE : DEPOT : PARK & RIDE RIDE BUILDING GENERAL SYMBOL & ABBREVIATION | | | | | |

| SHEET No. | REF. No. | DWG. No. | DESCRIPTION |
|------------------------|------------|------------------|--|
| FIRE PROTECTION SYSTEM | | | |
| 1 | DP3/G-003B | C3/D03/FPG/001/B | LIST OF AS-BUILT DRAWING |
| 2 | DP3/F2-001 | C3/D03/FP2/002/B | FIRE PROTECTION SYSTEM SCHEMATIC RISER DIAGRAM |
| 3 | DP3/F2-002 | C3/D03/FP2/003/B | FIRE PROTECTION SYSTEM EQUIPMENT SCHEDULE |
| 4 | DP3/F2-004 | C3/D03/FP2/004/B | ELECTRICAL CONTROL FOR FIRE PUMP |
| 5 | | C3/D03/FP2/005/B | TYPICAL DETAIL FHC |
| 6 | | C3/D03/FP2/006/B | TYPICAL DETAIL FOR ZONE CONTROL VALVE 3rd FLOOR |
| 7 | DP3/F2-004 | C3/D03/FP2/007/B | REFERENCE FIRE PROTECTION SYSTEM PLAN 1st FLOOR (KEY PLAN) |
| 8 | DP3/F2-004 | C3/D03/FP2/008/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 1 |
| 9 | DP3/F2-004 | C3/D03/FP2/009/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 2 |
| 10 | DP3/F2-004 | C3/D03/FP2/010/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 3 |
| 11 | DP3/F2-004 | C3/D03/FP2/011/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 4 |
| 12 | DP3/F2-004 | C3/D03/FP2/012/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 5 |
| 13 | DP3/F2-004 | C3/D03/FP2/013/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 6 |
| 14 | DP3/F2-004 | C3/D03/FP2/014/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 7 |
| 15 | DP3/F2-004 | C3/D03/FP2/015/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 8 |
| 16 | DP3/F2-004 | C3/D03/FP2/016/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 9 |
| 17 | DP3/F2-004 | C3/D03/FP2/017/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 10 |
| 18 | DP3/F2-004 | C3/D03/FP2/018/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 11 |
| 19 | DP3/F2-004 | C3/D03/FP2/019/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 12 |
| 20 | DP3/F2-004 | C3/D03/FP2/020/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 13 |
| 21 | DP3/F2-004 | C3/D03/FP2/021/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 14 |
| 22 | DP3/F2-004 | C3/D03/FP2/022/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 15 |
| 23 | DP3/F2-004 | C3/D03/FP2/023/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 16 |
| 24 | DP3/F2-004 | C3/D03/FP2/024/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 17 |
| 25 | DP3/F2-004 | C3/D03/FP2/025/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 18 |
| 26 | DP3/F2-004 | C3/D03/FP2/026/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 19 |
| 27 | DP3/F2-004 | C3/D03/FP2/027/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 20 |
| 28 | DP3/F2-004 | C3/D03/FP2/028/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 21 |
| 29 | DP3/F2-004 | C3/D03/FP2/029/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 22 |
| 30 | DP3/F2-004 | C3/D03/FP2/030/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 23 |
| 31 | DP3/F2-004 | C3/D03/FP2/031/B | FIRE PROTECTION SYSTEM 1st FLOOR ZONE 24 |
| 32 | DP3/F2-008 | C3/D03/FP2/032/B | REFERENCE FIRE PROTECTION SYSTEM PLAN 2nd FLOOR (KEY PLAN) |
| 33 | DP3/F2-008 | C3/D03/FP2/033/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 1 |
| 34 | DP3/F2-008 | C3/D03/FP2/034/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 2 |
| 35 | DP3/F2-008 | C3/D03/FP2/035/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 3 |
| 36 | DP3/F2-008 | C3/D03/FP2/036/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 4 |
| 37 | DP3/F2-008 | C3/D03/FP2/037/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 5 |
| 38 | DP3/F2-008 | C3/D03/FP2/038/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 6 |
| 39 | DP3/F2-008 | C3/D03/FP2/039/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 7 |
| 40 | DP3/F2-008 | C3/D03/FP2/040/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 8 |
| 41 | DP3/F2-008 | C3/D03/FP2/041/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 9 |
| 42 | DP3/F2-008 | C3/D03/FP2/042/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 10 |
| 43 | DP3/F2-008 | C3/D03/FP2/043/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 11 |

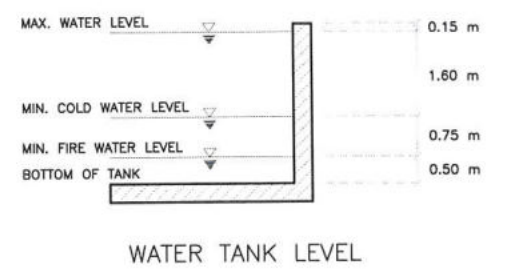
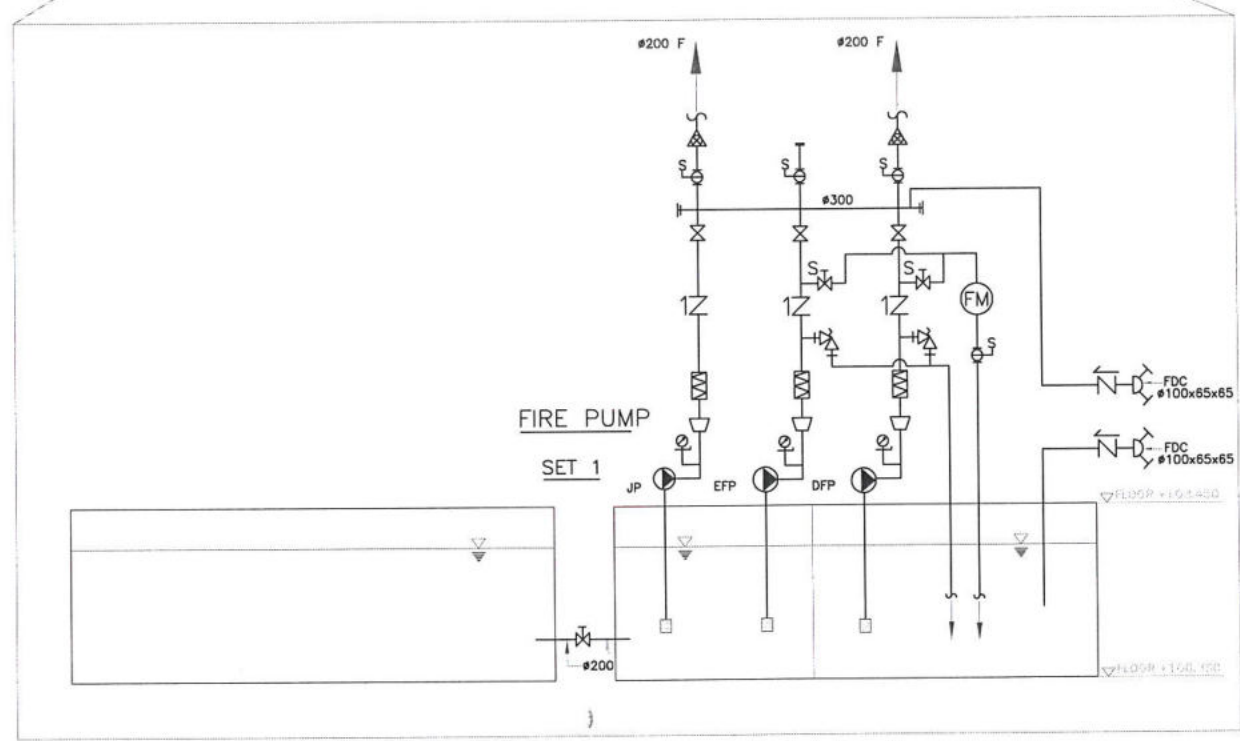
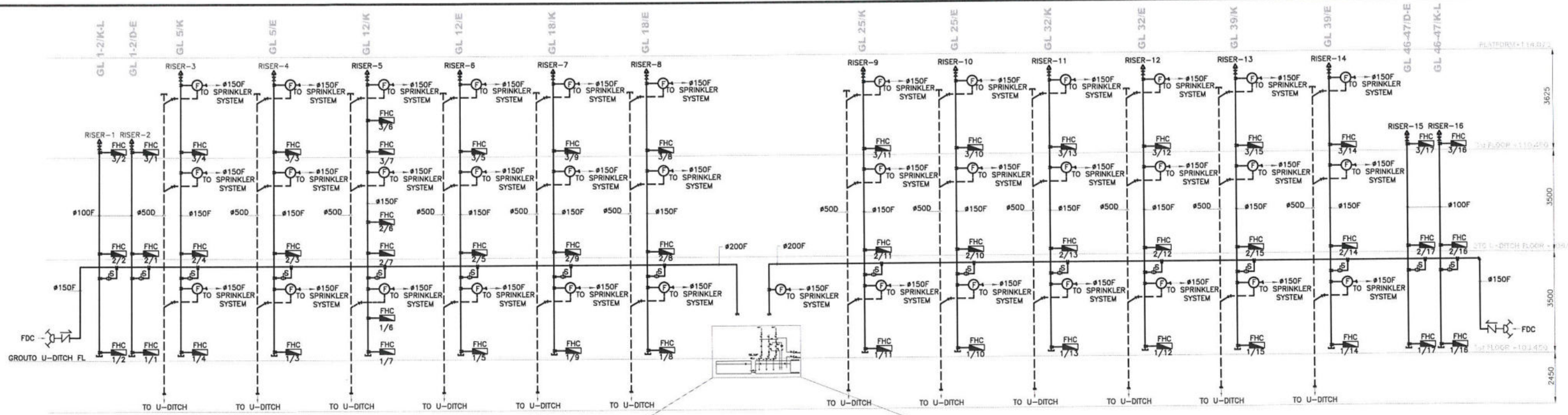
| SHEET No. | REF. No. | DWG. No. | DESCRIPTION |
|-----------|------------|------------------|--|
| 44 | DP3/F2-008 | C3/D03/FP2/044/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 12 |
| 45 | DP3/F2-008 | C3/D03/FP2/045/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 13 |
| 46 | DP3/F2-008 | C3/D03/FP2/046/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 14 |
| 47 | DP3/F2-008 | C3/D03/FP2/047/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 15 |
| 48 | DP3/F2-008 | C3/D03/FP2/048/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 16 |
| 49 | DP3/F2-008 | C3/D03/FP2/049/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 17 |
| 50 | DP3/F2-008 | C3/D03/FP2/050/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 18 |
| 51 | DP3/F2-008 | C3/D03/FP2/051/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 19 |
| 52 | DP3/F2-008 | C3/D03/FP2/052/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 20 |
| 53 | DP3/F2-008 | C3/D03/FP2/053/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 21 |
| 54 | DP3/F2-008 | C3/D03/FP2/054/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 22 |
| 55 | DP3/F2-008 | C3/D03/FP2/055/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 23 |
| 56 | DP3/F2-008 | C3/D03/FP2/056/B | FIRE PROTECTION SYSTEM 2nd FLOOR ZONE 24 |
| 57 | DP3/F2-012 | C3/D03/FP2/057/B | REFERENCE FIRE PROTECTION SYSTEM PLAN 3rd FLOOR (KEY PLAN) |
| 58 | DP3/F2-012 | C3/D03/FP2/058/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 1 |
| 59 | DP3/F2-012 | C3/D03/FP2/059/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 2 |
| 60 | DP3/F2-012 | C3/D03/FP2/060/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 3 |
| 61 | DP3/F2-012 | C3/D03/FP2/061/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 4 |
| 62 | DP3/F2-012 | C3/D03/FP2/062/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 5 |
| 63 | DP3/F2-012 | C3/D03/FP2/063/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 6 |
| 64 | DP3/F2-012 | C3/D03/FP2/064/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 7 |
| 65 | DP3/F2-012 | C3/D03/FP2/065/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 8 |
| 66 | DP3/F2-012 | C3/D03/FP2/066/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 9 |
| 67 | DP3/F2-012 | C3/D03/FP2/067/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 10 |
| 68 | DP3/F2-012 | C3/D03/FP2/068/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 11 |
| 69 | DP3/F2-012 | C3/D03/FP2/069/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 12 |
| 70 | DP3/F2-012 | C3/D03/FP2/070/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 13 |
| 71 | DP3/F2-012 | C3/D03/FP2/071/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 14 |
| 72 | DP3/F2-012 | C3/D03/FP2/072/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 15 |
| 73 | DP3/F2-012 | C3/D03/FP2/073/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 16 |
| 74 | DP3/F2-012 | C3/D03/FP2/074/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 17 |
| 75 | DP3/F2-012 | C3/D03/FP2/075/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 18 |
| 76 | DP3/F2-012 | C3/D03/FP2/076/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 19 |
| 77 | DP3/F2-012 | C3/D03/FP2/077/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 20 |
| 78 | DP3/F2-012 | C3/D03/FP2/078/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 21 |
| 79 | DP3/F2-012 | C3/D03/FP2/079/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 22 |
| 80 | DP3/F2-012 | C3/D03/FP2/080/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 23 |
| 81 | DP3/F2-012 | C3/D03/FP2/081/B | FIRE PROTECTION SYSTEM 3rd FLOOR ZONE 24 |
| 82 | DP3/F2-012 | C3/D03/FP2/082/B | FIRE PROTECTION SYSTEM DETAIL OFFICE 1st FLOOR PLAN |
| 83 | DP3/F2-003 | C3/D03/FP2/083/B | PUMP ROOM PLAN (FIRE PROTECTION SYSTEM) |
| 84 | DP3/F2-003 | C3/D03/FP2/084/B | SECTION A |
| 85 | DP3/F2-003 | C3/D03/FP2/085/B | SECTION B |
| 86 | DP3/F2-003 | C3/D03/FP2/086/B | SECTION C |

LIST OF AS-BUILT DRAWING
SCALE
A1 = NTS.
A1 = NTS.

| | | | | | |
|-----------------|---|---|--|--|--|
| AS-BUILT |  | PREVIEWED BY  Mr. Soroj nuochamphon DATE: 11 MAY 2015 | CHECKED BY  RE.3 DATE: 11 MAY 2015 | CHECKED BY  SPECIALIST DATE: 11 MAY 2015 | APPROVED BY  BR. DATE: 11 MAY 2015 |
| | | BANG YAI TO BANG SUE SECTION CONTRACT 3 | | | |

| | | | | | | |
|---|--|---|--|--|--|--|
|  MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT :  The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section  | CONTRACTOR :  PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE DRAWN : ATHITAYA P. อธิตยา CHECKED : RONGRIT P. อนุกรรณ DATE : 30 MARCH 2015 | REV. NO. DATE DESCRIPTION - 23/01/15 FIRST ISSUED A 20/02/15 FOR CHECK INSTALLATION WORK ON SITE B 30/03/15 AS-BUILT DRAWING | APPROVED  REF. CONTRACT DWG. NO. DP3/G-003B STATUS DWG. NO. C3/D03/FPG/001/B SCALE A1 = NTS. SHEET NO. 01 | TITLE : DEPOT : PARK & RIDE LIST OF AS-BUILT DRAWING |
|---|--|---|--|--|--|--|

Snoo



FIRE PROTECTION SYSTEM SCHEMATIC RISER DIAGRAM
SCALE A1 = NTS. A1 = NTS.

| | | | | | | | | | | |
|--|---|---|---------------------------------|--------------------|-------------------------|--|---|---|---|--|
| EMPLOYER : MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT : PCPL The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | CONTRACTOR : PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE | REV. NO. : - | DATE : 23/01/15 | DESCRIPTION : FIRST ISSUED FOR CHECK INSTALLATION WORK ON SITE AS-BUILT DRAWING | APPROVED : Mr. Saroj huchomphan DATE: 11 MAY 2015 | CHECKED BY : RE.3 DATE: 11 MAY 2015 | CHECKED BY : SPECIALIST DATE: 11 MAY 2015 | APPROVED BY : ER DATE: 11 MAY 2015 |
| | | | DRAWN : ATHITAYA P. | DATE : 20/02/15 | CHECKED : RONGRIT P. | | | DATE : 30/03/15 | REF. CONTRACT DWG. NO. DP3/F2-001 | STATUS : DWG. NO. C3/D03/FP2/002/B |

CAPACITY SCHEDULE FOR FIRE PUMP, DP03

| DESCRIPTION | ELECTRICAL FIRE PUMP | DIESEL FIRE PUMP | JOCKEY PUMP | REMARK |
|---------------------------|-------------------------|-------------------------|-------------------------|--|
| | EFP 1 | DFP 1 | JP 1 | |
| BRAND | ITT PUMP (FP 14RJHC/5S) | ITT PUMP (FP 12CHC//5S) | MTS PUMP,ITT (TYPE1531) | |
| TYPE OF PUMP | VERTICAL TURBINE | VERTICAL TURBINE | REGENERATIVE TURBINE | |
| TYPE OF DRIVER | ELECTRIC MOTOR | DIESEL ENGINE | ELECTRIC MOTOR | |
| LOCATION | PUMP RM. 1st FL | PUMP RM. 1st FL | PUMP RM. 1st FL | JOCKEY PUMP POWER SUPPLY FROM EMDB P&R FDR-2 (30A) |
| RATED CAPACITY, GPM (L/M) | 1500 (5679) | 1500 (5679) | 50 (190) | |
| RATED CAPACITY, psi (kPa) | 95 (655) | 95 (655) | 105 (724) | |
| PUMP SPEED (RPM) | 1475 | 2100 | 1450 | |
| PUMP EFFICIENCY (%) | 68 | 68 | | ELECTRICAL FIRE PUMP POWER SUPPLY FROM EMDB P&R FDR-1 (250A) |
| (VOLT,PHASES,HZ) | 380-3-50 | | 380-3-50 | |
| APPROXIMATE MOTOR HP | 100 | | 10 | |
| APPROXIMATE ENGINE HP | | 130 | | |
| MAIN CONTROL | INCLUDED | INCLUDED | INCLUDED | DIESEL FIRE PUMP POWER SUPPLY FROM ELC-P&R-1B (16A) |

| CONVERSION | | STEEL PIPE | |
|------------|-------------|------------|----------|
| 1 GPM | =0.0631 L/S | 18" DIA | = DN 450 |
| 1 CFM | =0.4719 L/S | 16" DIA | = DN 400 |
| 1 FT | =0.3048 m | 12" DIA | = DN 300 |
| 1 IN.WG | =248.8 pa | 10" DIA | = DN 250 |
| 1 HP | =0.746 kW | 8" DIA | = DN 200 |
| 1 inch | =25.4 mm. | 6" DIA | = DN 150 |
| 1 pound | =0.4536 kg. | 4" DIA | = DN 100 |
| 1 psi | =6.895 kPa | 3" DIA | = DN 80 |
| 14.7 psi | =1 bar | 2 1/2" DIA | = DN 65 |
| 1 bar | =100 kPa | 2" DIA | = DN 50 |
| | | 1 1/2" DIA | = DN 40 |
| | | 1 1/4" DIA | = DN 32 |
| | | 1" DIA | = DN 25 |
| | | 3/4" DIA | = DN 20 |
| | | 1/2" DIA | = DN 15 |

PORTABLE FIRE EXTINGUISHER SCHEDULE

| LEGEND | DESCRIPTION | CAPACITY | QTY. | INSTALLATION |
|--------|--|----------|------|-------------------|
| | DRY CHEMICAL FIRE EXTINGUISHER (BADGER 6A,20B) | 4.5 kg | - | RACK INSTALLATION |
| | CO ₂ FIRE EXTINGUISHER (BADGER 10BV.) | 4.5 kg | - | RACK INSTALLATION |
| | AQUEOUS FILM FORMING FOAM EXTINGUISHER | 2.5 gal. | - | |

THE QTY SHALL BE AS SHOWN ON PLAN DRAWING

FIRE HOSE CABINET

| LEGEND | DESCRIPTION | QTY. | INSTALLATION |
|--------|--|--------|---------------------------------|
| | FIRE HOSE CABINET WITH 1) 1" DIA x 100ft. HOSE REEL AND JET/FOG NOZZLE (ZERO FIRE# ZFH 25A) 2) 2-1/2" DIA HOSE VALVE & QUICK COUPLING 3) DRY CHEMICAL FIRE EXTINGUISHER 4.8 kg | 48 set | RECESSED MOUNT OR SERFACE MOUNT |

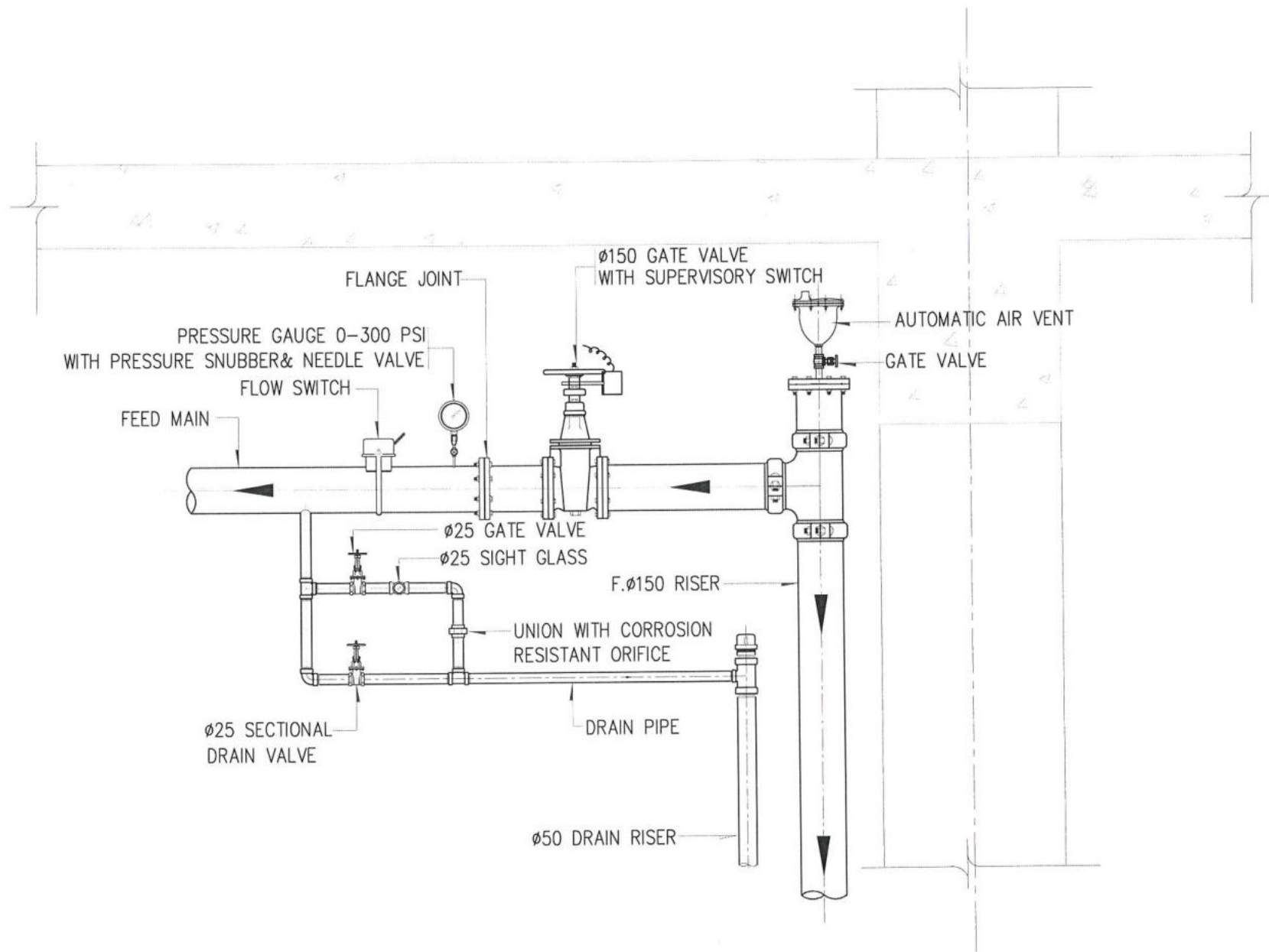
FIRE PROTECTION SYSTEM EQUIPMENT SCHEDULE

SCALE A1 = NTS. A3 = NTS.

| | | | | | |
|-----------------|--|--|---|--|---|
| AS-BUILT | | PREVIEWED BY Mr.Saraj nuchamphan DATE: 11 MAY 2015 | CHECKED BY RE.3 DATE: 11 MAY 2015 | CHECKED BY SPECIALIST DATE: 11 MAY 2015 | APPROVED BY ER. DATE: 11 MAY 2015 |
| | | REF.CONTRACT DWG. NO. DP03/F2-002 STATUS: DWG. NO. C3/D02/FP2/003/B SCALE: A1 = NTS. A3 = NTS. SHEET NO. 03 | | BANG YAI TO BANG SUE SECTION CONTRACT 3 TITLE : DEPOT : PARK & RIDE FIRE PROTECTION SYSTEM EQUIPMENT SCHEDULE | |





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|---|--|--|--|---|
| EMPLOYER : MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT : The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | CONTRACTOR : PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE DRAWN : ATHITAYA P. อธิทยา CHECKED : RONGRIT P. รังกริต PM : DATE : 30 MARCH 2015 | REV.NO. DATE DESCRIPTION APPROVED - 23/01/15 FIRST ISSUED A 20/02/15 FOR CHECK INSTALLATION WORK ON SITE B 30/03/15 AS-BUILT DRAWING |
|---|--|--|--|---|

Small



TYPICAL DETAIL FOR ZONE CONTROL VALVE (3rd FLOOR)
 SCALE A1 = 1:10
 A3 = 1:20

| | | | | | |
|-----------------|---|---|---|---|---|
| AS-BUILT |  | PREVIEWED BY <i>Sarj N</i> Mr. Saroj nuochamphan DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> RE.3 DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> SPECIALIST DATE: 11 MAY 2015 | APPROVED BY <i>[Signature]</i> ER. DATE: 11 MAY 2015 |
| | |  | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|--|
|  MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT :  PCPL The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section AEC, TCA, MAA, W, DB, ID2 CONSULT ASIA, ID2 CONSULT | CONTRACTOR :  PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE DRAWN : ATHITAYA P. <i>[Signature]</i> CHECKED : RONGRIT P. <i>[Signature]</i> PM : DATE : 30 MARCH 2015 | REV. NO. DATE DESCRIPTION - 23/01/15 FIRST ISSUED A 20/02/15 FOR CHECK INSTALLATION WORK ON SITE B 30/03/15 AS-BUILT DRAWING | APPROVED :  | BANG YAI TO BANG SUE SECTION CONTRACT 3 REF. CONTRACT DWG. NO. - STATUS DWG. NO. C3/D03/FP2/006/B SCALE A1 = 1:10 A3 = 1:20 SHEET NO. 06 | TITLE : DEPOT : PARK & RIDE TYPICAL DETAIL FOR ZONE CONTROL VALVE (3rd FLOOR) |
| | | | AS-BUILT | | | | |

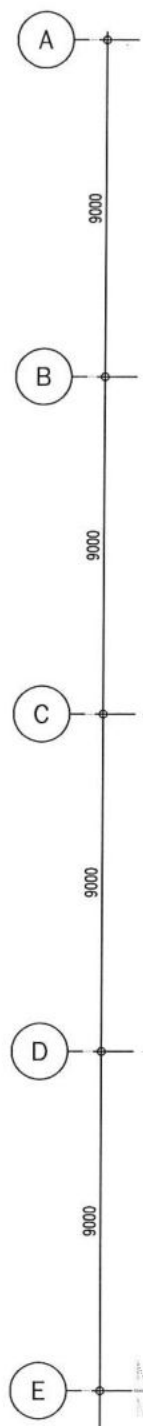
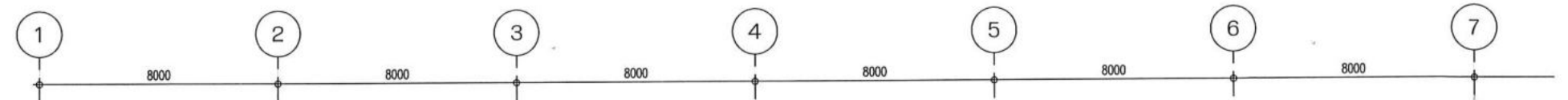
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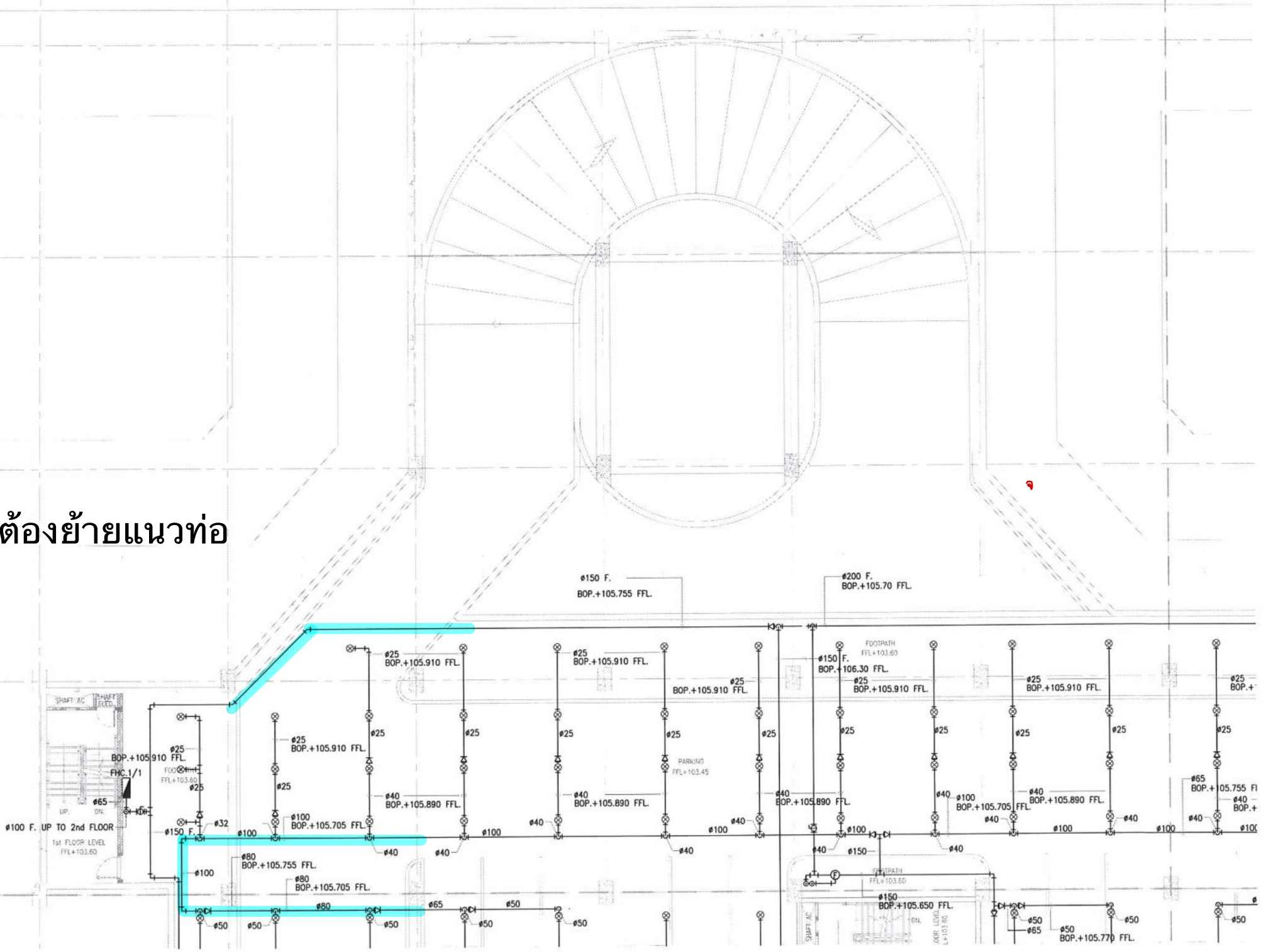
FIRE PROTECTION SYSTEM PLAN 1st. FLOOR (KEY PLAN)
 SCALE A1 = 1:100 A3 = 1:200

| | | | | | |
|-----------------|--|---|---|---|---|
| AS-BUILT | | PREVIEWED BY <i>[Signature]</i> Mr. Saroj nuhamphan DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> RE.3 DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> SPECIALIST DATE: 11 MAY 2015 | APPROVED BY <i>[Signature]</i> ER. DATE: 11 MAY 2015 |
| | | <p>BANG YAI TO BANG SUE SECTION CONTRACT 3</p> <p>TITLE : DEPOT : PARK & RIDE FIRE PROTECTION SYSTEM PLAN 1st FLOOR (KEY PLAN)</p> | | | |

| | | | | | |
|--|---|---|---|---|--|
| EMPLOYER : MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT : PCPL The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | CONTRACTOR : PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE DRAWN : ATHITAYA P. <i>[Signature]</i> CHECKED : RONGRIT P. <i>[Signature]</i> PM : DATE : 30 MARCH 2015 | REV. NO. DATE DESCRIPTION - 23/01/15 FIRST ISSUED A 20/02/15 FOR CHECK INSTALLATION WORK ON SITE B 30/03/15 AS-BUILT DRAWING | APPROVED : REF. CONTRACT DWG. NO. DP3/F2-004 STATUS DWG. NO. C3/D03/FP2/007/B SCALE A1 = 1:100 A3 = 1:200 SHEET NO. 07 |
|--|---|---|---|---|--|



ไฮไลท์ตำแหน่งที่ต้องย้ายแนวท่อ

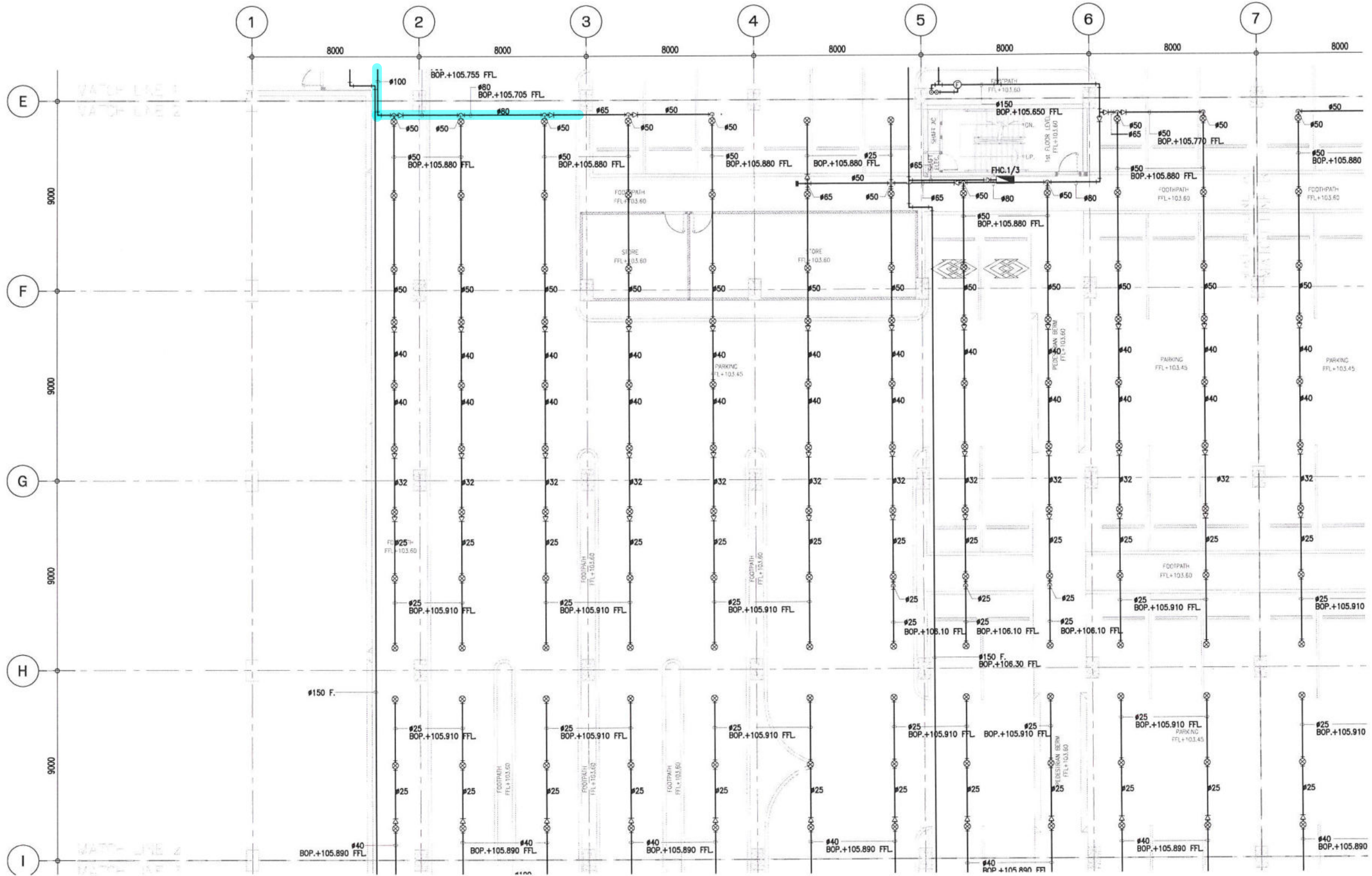


FIRE PROTECTION SYSTEM PLAN 1st. FLOOR ZONE 1
SCALE A1 = 1:100 A3 = 1:200

| | | | | | |
|-----------------|---------|---|---|---|---|
| AS-BUILT | KEYPLAN | PREVIEWED BY Mr. Saroj ruchamphon DATE: 11 MAY 2015 | CHECKED BY RE.3 DATE: 11 MAY 2015 | CHECKED BY SPECIALIST DATE: 11 MAY 2015 | APPROVED BY ER. DATE: 11 MAY 2015 |
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|---|--|---------------------------------------|---------------------------------|--|---|--|
| EMPLOYER : MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT : The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | CONTRACTOR : PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE | REV.NO. DATE DESCRIPTION APPROVED | REF.CONTRACT DWG. NO. DP3/F2-004 STATUS DWG. NO. C3/D03/FP2/008/B SCALE A1 = 1:100 A3 = 1:200 SHEET NO. 08 | BANG YAI TO BANG SUE SECTION CONTRACT 3 TITLE : DEPOT : PARK & RIDE FIRE PROTECTION SYSTEM 1st FLOOR ZONE 1 |
| | | | DRAWN : ATHITAYA P. อภิทธิยา | DATE: 23/01/15 20/02/15 30/03/15 | | |

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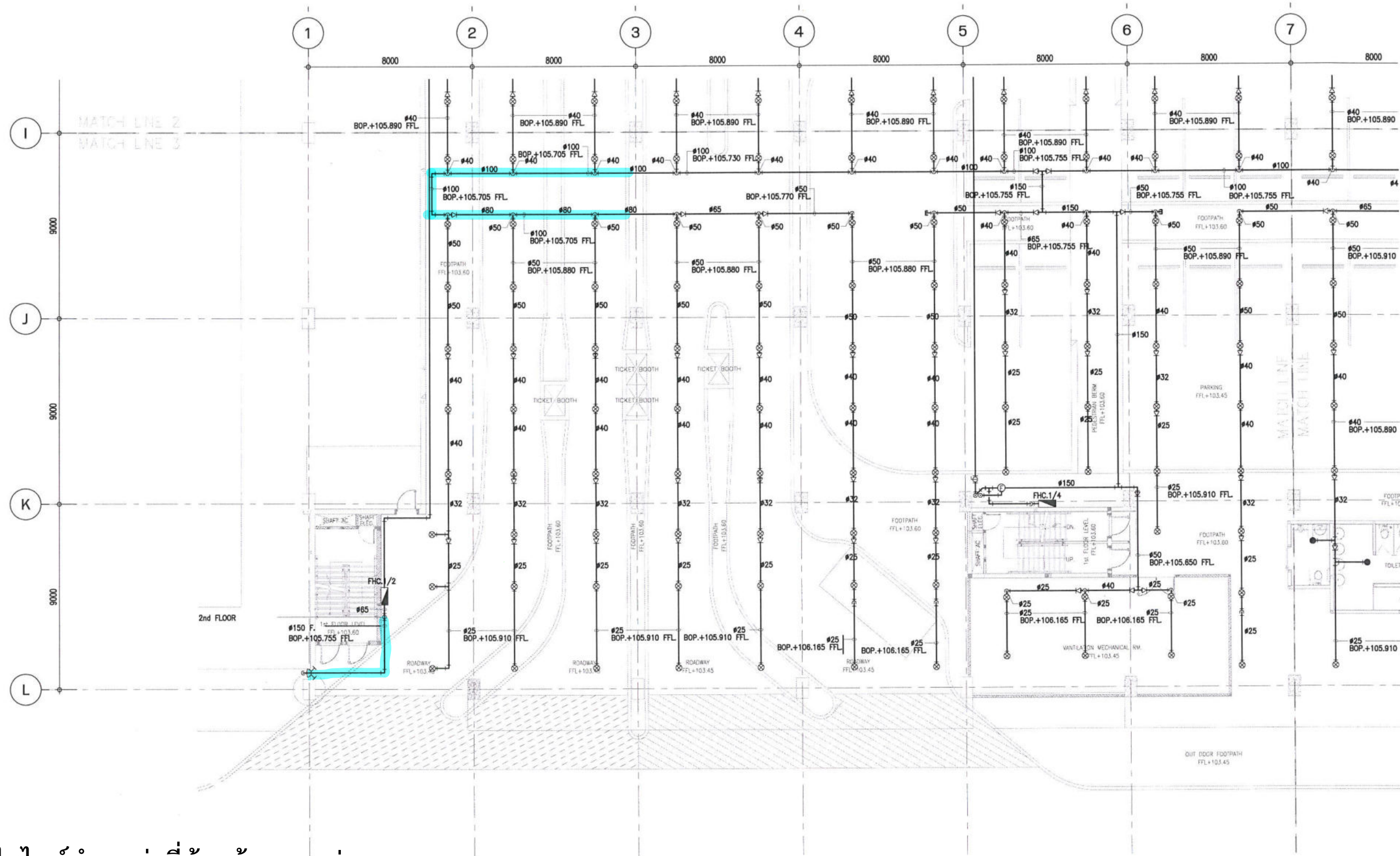


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FIRE PROTECTION SYSTEM PLAN 1st. FLOOR ZONE 9

SCALE A1 = 1:100 A3 = 1:200

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|---|--|---------------------------------------|---------------------------------|--------------------------|--------------------|-------------------------------------|----------|--|-----------------|--|
| AS-BUILT | KEYPLAN | PREVIEWED BY Mr. Saroj Inuchamphan | CHECKED BY RE.3 | CHECKED BY SPECIALIST | APPROVED BY ER. | | | | | |
| | | DATE: 11 MAY 2015 | DATE: 11 MAY 2015 | DATE: 11 MAY 2015 | DATE: 11 MAY 2015 | | | | | |
| EMPLOYER : | PROJECT CONSULTANT : | CONTRACTOR : | PREPARED : | REV. NO. | DATE | DESCRIPTION | APPROVED | BANG YAI TO BANG SUE SECTION CONTRACT 3 TITLE : DEPOT : PARK & RIDE FIRE PROTECTION SYSTEM 1st FLOOR ZONE 9 | | |
| | The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | JOINT VENTURE | PAR JOINT VENTURE | - | 23/01/15 | FIRST ISSUED | | | | |
| MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | | | DRAWN : ATHITAYA P. อธิติศยา | A | 20/02/15 | FOR CHECK INSTALLATION WORK ON SITE | | STATUS DWG. NO. C3/D03/FP2/016/B | SHEET NO. 16 | |
| | | | CHECKED : RONGRIT P. รังกริต | B | 30/03/15 | AS-BUILT DRAWING | | SCALE A1 = 1:100 A3 = 1:200 | | |
| | | | PM : | | | | | | | |
| | | | DATE : | | | | | | | |
| | | | 30 MARCH 2015 | | | | | | | |



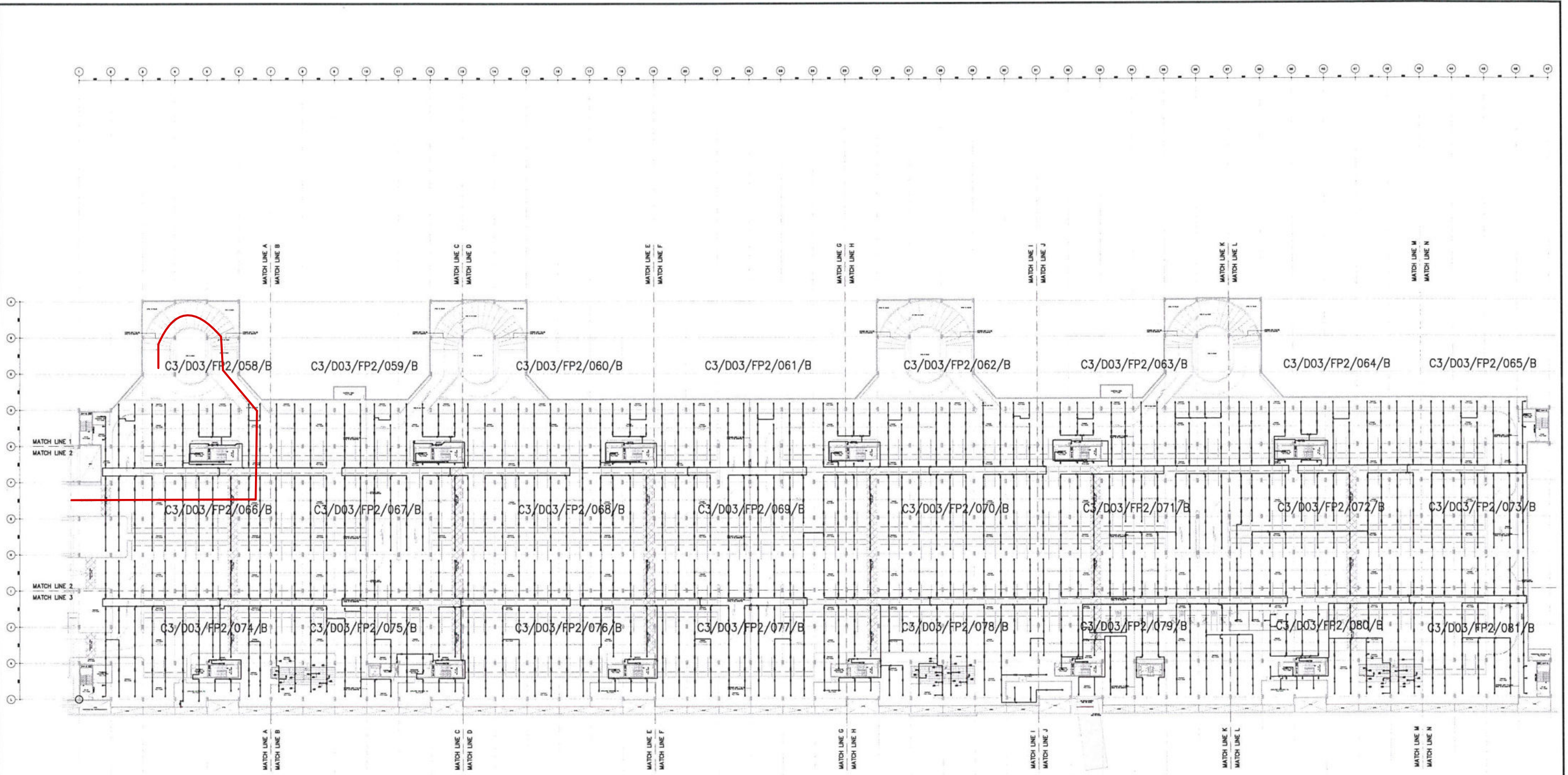
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FIRE PROTECTION SYSTEM PLAN 1st. FLOOR ZONE 17

SCALE A1 = 1:100 A3 = 1:200

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| AS-BUILT | KEYPLAN | PREVIEWED BY Mr. Saroj nuchamphon DATE: 11 MAY 2015 | CHECKED BY RE.3 DATE: 11 MAY 2015 | CHECKED BY SPECIALIST DATE: 11 MAY 2015 | APPROVED BY ER. DATE: 11 MAY 2015 |
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|--|---|---|--|-------------------------|---|---|---------------------|--|--|
| EMPLOYER : MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT : The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | CONTRACTOR : PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE | REV. NO. - | DATE 23/01/15 | DESCRIPTION FIRST ISSUED FOR CHECK INSTALLATION WORK ON SITE AS-BUILT DRAWING | APPROVED | BANG YAI TO BANG SUE SECTION CONTRACT 3 | |
| | | | DRAWN : ATHITAYA P. | DATE 20/02/15 | STATUS DWG. NO. C3/D03/FP2/024/B | | | TITLE : DEPOT : PARK & RIDE FIRE PROTECTION SYSTEM 1st FLOOR ZONE 17 | |



REFERENCE FIRE PROTECTION SYSTEM PLAN 3rd. FLOOR (KEY PLAN)

SCALE

A1 = 1:200
A3 = 1:400

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|-----------------|--|--|--|--|--|
| AS-BUILT | | PREVIEWED BY <i>[Signature]</i> Mr. Saroj nuchamphon | CHECKED BY <i>[Signature]</i> RE.3 | CHECKED BY <i>[Signature]</i> SPECIALIST | APPROVED BY <i>[Signature]</i> ER. |
| | | DATE: 11 MAY 2015 | DATE: 11 MAY 2015 | DATE: 11 MAY 2015 | DATE: 11 MAY 2015 |

EMPLOYER :

MASS RAPID TRANSIT AUTHORITY OF THAILAND
MRT PURPLE LINE PROJECT
BANG YAI TO RAT BURANA

PROJECT CONSULTANT :

PCPL
The Project Consulting Services for MRT Purple Line Project
Bang Yai - Bang Sue Section

AEC, TCA, MA, W, DB, Chotichinda Mouchel, D2CONSULT ASIA, D2CONSULT, UWE CONSULTANTS

CONTRACTOR :

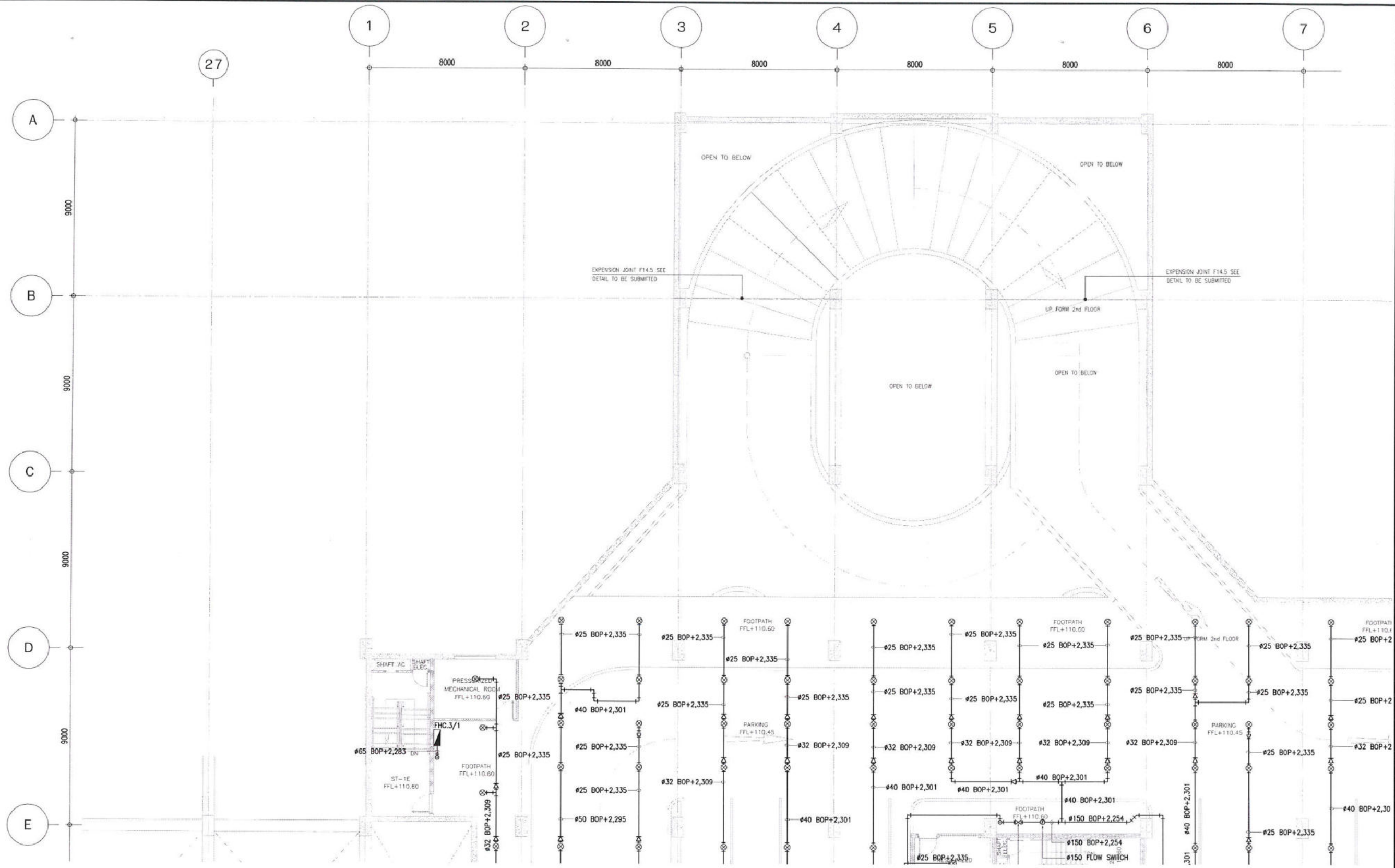
PAR
JOINT VENTURE

| | | | | |
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| PREPARED : PAR JOINT VENTURE | REV.NO. | DATE | DESCRIPTION | APPROVED |
| DRAWN : ATHITAYA P. อธิตยา | - | 23/01/15 | FIRST ISSUED | |
| CHECKED : RONGRIT P. รงริต | A | 20/02/15 | FOR CHECK INSTALLATION WORK ON SITE | |
| PM : | B | 30/03/15 | AS-BUILT DRAWING | |
| DATE : 30 MARCH 2015 | | | | |

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| REF.CONTRACT DWG. NO. DP3/F2-012 | TITLE : |
| STATUS DWG. NO. - C3/D03/FP2/057/B | DEPOT : PARK & RIDE |
| SCALE A1 = 1:200 A3 = 1:400 | REFERENCE FIRE PROTECTION SYSTEM PLAN 3rd. FLOOR (KEY PLAN) |
| SHEET NO. 57 | |

BANG YAI TO BANG SUE SECTION
CONTRACT 3

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FIRE PROTECTION SYSTEM PLAN 3rd. FLOOR ZONE 1
 SCALE: A1 = 1:100, A3 = 1:200

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|-----------------|---------|---|---|---|---|
| AS-BUILT | KEYPLAN | PREVIEWED BY <i>[Signature]</i> Mr. Saroj huchamphon DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> RE.3 DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> SPECIALIST DATE: 11 MAY 2015 | APPROVED BY <i>[Signature]</i> ER. DATE: 11 MAY 2015 |
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|--|---|---|---------------------------------|---|-------------------------|--|
| EMPLOYER : MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT : PCPL The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | CONTRACTOR : PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE | REV. NO. DATE DESCRIPTION - 23/01/15 FIRST ISSUED A 20/02/15 FOR CHECK INSTALLATION WORK ON SITE B 30/03/15 AS-BUILT DRAWING | APPROVED : | BANG YAI TO BANG SUE SECTION CONTRACT 3 |
| | | | DRAWN : ATHITAYA P. | CHECKED : RONGRIT P. | DATE : 30 MARCH 2015 | REF. CONTRACT DWG. NO. DP3/F2-012 |



FIRE PROTECTION SYSTEM PLAN 3rd. FLOOR ZONE 9

SCALE

A1 = 1:100
A3 = 1:200

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|-----------------|---------|---|---|---|---|
| AS-BUILT | KEYPLAN | PREVIEWED BY <i>[Signature]</i> Mr. Saroj nuchamphon DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> RE.3 DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> SPECIALIST DATE: 11 MAY 2015 | APPROVED BY <i>[Signature]</i> ER. DATE: 11 MAY 2015 |
| | | | | | |

EMPLOYER :

MASS RAPID TRANSIT AUTHORITY OF THAILAND
MRT PURPLE LINE PROJECT
BANG YAI TO RAT BURANA

PROJECT CONSULTANT :

The Project Consulting Services for MRT Purple Line Project
Bang Yai - Bang Sue Section

CONTRACTOR :

PAR
JOINT VENTURE

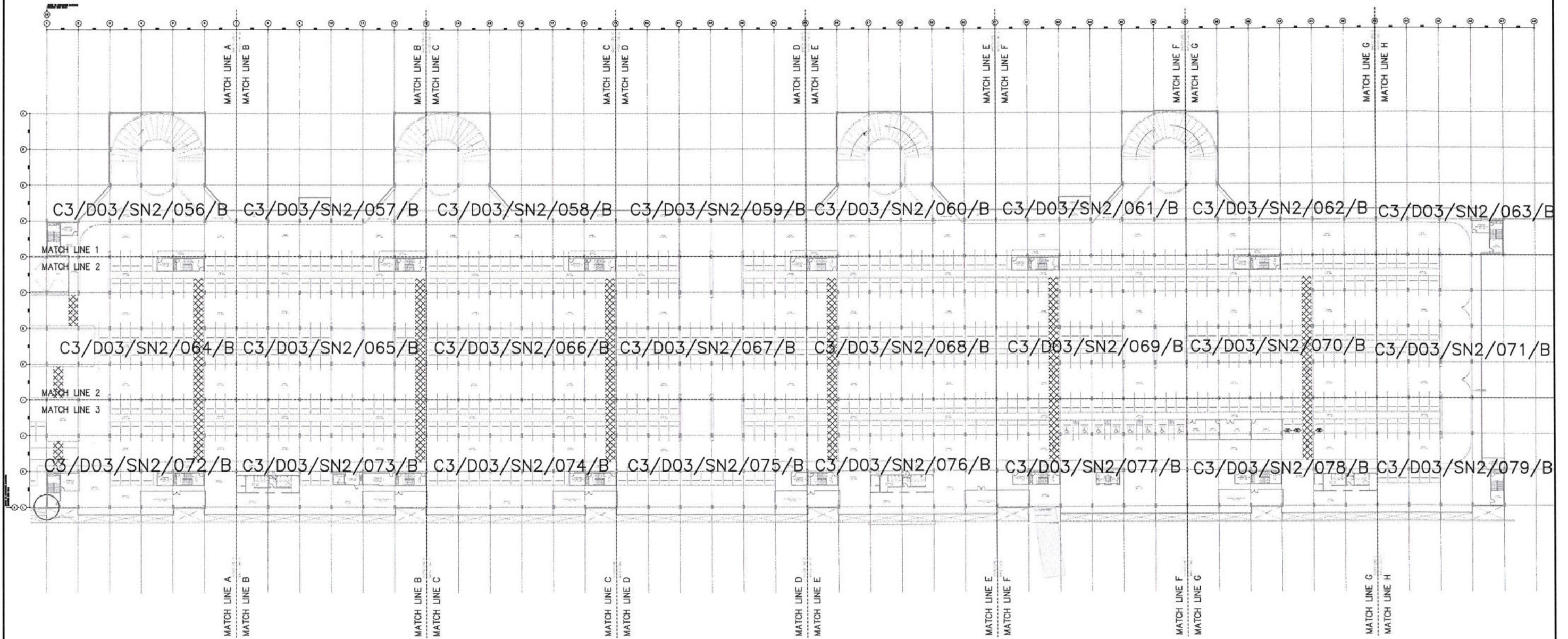
PREPARED :
PAR JOINT VENTURE
DRAWN :
ATHITAYA P. อธิตยา
CHECKED :
RONGRIT P. รังกริต
PM :
DATE :
30 MARCH 2015

| REV. NO. | DATE | DESCRIPTION | APPROVED |
|----------|----------|-------------------------------------|----------|
| - | 23/01/15 | FIRST ISSUED | |
| A | 20/02/15 | FOR CHECK INSTALLATION WORK ON SITE | |
| B | 30/03/15 | AS-BUILT DRAWING | |

REF. CONTRACT DWG. NO.
DP3/F2-012
STATUS
DWG. NO.
C3/D03/FP2/066/B
SCALE
A1 = 1:100
A3 = 1:200

BANG YAI TO BANG SUE SECTION
CONTRACT 3
TITLE :
DEPOT : PARK & RIDE
FIRE PROTECTION SYSTEM
3rd. FLOOR ZONE 9
SHEET NO.
66

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REFERENCE PLUMBING AND DRAINAGE SYSTEM LAYOUT PLAN 3rd FLOOR

SCALE

A1 = 1:200
A3 = 1:400

| | | | | | |
|---|--|--|---|---|---|
| AS-BUILT | | PREVIEWED BY <i>[Signature]</i> Mr. Saroj nuchamphan DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> RE.3 DATE: 11 MAY 2015 | CHECKED BY <i>[Signature]</i> SPECIALIST DATE: 11 MAY 2015 | APPROVED BY <i>[Signature]</i> ER. DATE: 11 MAY 2015 |
| | | BANG YAI TO BANG SUE SECTION CONTRACT 3 | | | |
| REF. CONTRACT DWG. NO. DP3/P2-007 | | TITLE: DEPOT : PARK & RIDE DEPOT : PARK & RIDE REFERENCE PLUMBING AND DRAINAGE SYSTEM LAYOUT PLAN 3rd FLOOR | | | |
| STATUS - DWG. NO. C3/D03/SN2/055/B | | SCALE A1 = 1:200 A3 = 1:400 | | SHEET NO. 55 | |

EMPLOYER :

MASS RAPID TRANSIT AUTHORITY OF THAILAND
MRT PURPLE LINE PROJECT
BANG YAI TO RAT BURANA

PROJECT CONSULTANT :

The Project Consulting Services for MRT Purple Line Project
Bang Yai - Bang Sue Section

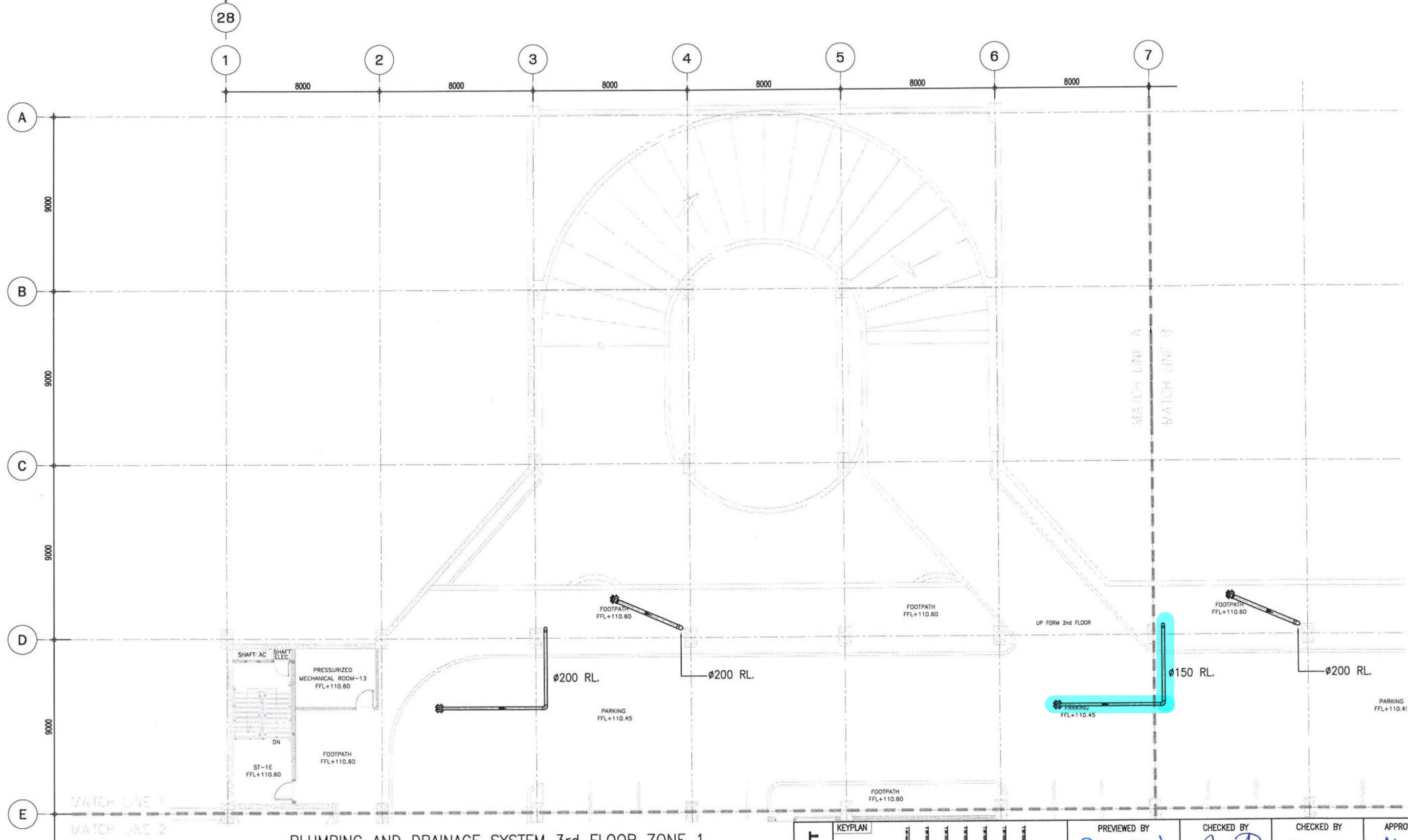
CONTRACTOR :

PAR
JOINT VENTURE

PREPARED :
PAR JOINT VENTURE
DRAWN :
ATHITAYA P. อธิตยา
CHECKED :
RONGRIT P. รังกริต
PM :
DATE :
30 MARCH 2015

| REV. NO. | DATE | DESCRIPTION | APPROVED |
|----------|----------|--------------------------------|----------|
| - | 23/01/15 | FIRST ISSUED | |
| A | 23/02/15 | FOR CHECK INSTALLATION ON SITE | |
| B | 10/04/15 | AS-BUILT DRAWING | |

REFER TO STRUCTURE PLATFORM
DRAWING GRID NO.28



PLUMBING AND DRAINAGE SYSTEM 3rd FLOOR ZONE 1

SCALE A1 = 1:100 A3 = 1:200

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|-----------------|----------------|--|--|--|--|
| AS-BUILT | KEYPLAN | PREVIEWED BY Mr. Saroj nuchamphan DATE: 11 MAY 2015 | CHECKED BY RE.3 DATE: 11 MAY 2015 | CHECKED BY SPECIALIST DATE: 11 MAY 2015 | APPROVED BY ER. DATE: 11 MAY 2015 |
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EMPLOYER :

MASS RAPID TRANSIT AUTHORITY OF THAILAND
MRT PURPLE LINE PROJECT
BANG YAI TO RAT BURANA

PROJECT CONSULTANT :

PCPL
The Project Consulting Services for MRT Purple Line Project
Bang Yai - Bang Sue Section

CONTRACTOR :

PAR
JOINT VENTURE

| | | | | |
|----------------------|----------|----------|--------------------------------|----------|
| PREPARED : | REV. NO. | DATE | DESCRIPTION | APPROVED |
| PAR JOINT VENTURE | - | 23/01/15 | FIRST ISSUED | |
| DRAWN : | A | 23/02/15 | FOR CHECK INSTALLATION ON SITE | |
| ATHITAYA P. อภิทิพย์ | B | 10/04/15 | AS-BUILT DRAWING | |
| CHECKED : | | | | |
| RONGRIT P. รังริต | | | | |
| PM : | | | | |
| DATE : | | | | |
| 30 MARCH 2015 | | | | |

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|--------------------------------------|-----------------|
| REF. CONTRACT DWG. NO. DP3/P2-007 | SHEET NO. 56 |
| STATUS DWG. NO. C3/D03/SN2/056/B | |
| SCALE A1 = 1:100 A3 = 1:200 | |

**BANG YAI TO BANG SUE SECTION
CONTRACT 3**

TITLE :
DEPOT : PARK & RIDE BUILDING
PLUMBING AND DRAINAGE SYSTEM
3rd FLOOR ZONE 1

LIST OF AS-BUILT DRAWING

| NO. | REF. | DWG. NO. | | DESCRIPTION | NO. | REF. | DWG. NO. | | DESCRIPTION |
|-----|------------|---------------|--|---|-----|------------|---------------|--|-------------|
| | | GENERAL | | | | | GENERAL | | |
| 1 | DP3/G-002 | C3/D03/MEG-01 | | LIST OF AS-BUILT DRAWING | 41 | DP3/M2-006 | C3/D03/ME2-41 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 6 | |
| 2 | DP3/M0-001 | C3/D03/ME0-02 | | SYMBOL LIST & ABBREVIATION | 42 | DP3/M2-006 | C3/D03/ME2-42 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 7 | |
| 3 | DP3/M1-002 | C3/D03/ME1-03 | | SCHEDULE OF AIR CONDITIONING & PRESSURIZED & EXHAUST SYSTEM | 43 | DP3/M2-006 | C3/D03/ME2-43 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 8 | |
| 4 | DP3/M1-003 | C3/D03/ME1-04 | | RISER DIAGRAM OF PRESSURIZED SYSTEM FOR STAIR CASE NO.1-6 | 44 | DP3/M2-006 | C3/D03/ME2-44 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 9 | |
| 5 | DP3/M1-003 | C3/D03/ME1-05 | | RISER DIAGRAM OF PRESSURIZED SYSTEM FOR STAIR CASE NO.7-12 | 45 | DP3/M2-006 | C3/D03/ME2-45 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 10 | |
| 6 | DP3/M1-003 | C3/D03/ME1-06 | | RISER DIAGRAM OF PRESSURIZED SYSTEM FOR STAIR CASE 3A | 46 | DP3/M2-006 | C3/D03/ME2-46 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 11 | |
| 7 | DP3/M1-003 | C3/D03/ME1-07 | | RISER DIAGRAM OF PRESSURIZED SYSTEM FOR STAIR CASE 3B | 47 | DP3/M2-006 | C3/D03/ME2-47 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 12 | |
| 8 | DP3/M1-003 | C3/D03/ME1-08 | | RISER DIAGRAM OF PRESSURIZED SYSTEM FOR STAIR CASE 3C | 48 | DP3/M2-006 | C3/D03/ME2-48 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 13 | |
| 9 | DP3/M1-003 | C3/D03/ME1-09 | | RISER DIAGRAM OF PRESSURIZED SYSTEM FOR STAIR CASE 3D | 49 | DP3/M2-006 | C3/D03/ME2-49 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 14 | |
| 10 | DP3/M2-005 | C3/D03/ME2-10 | | REFERENCE GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN | 50 | DP3/M2-006 | C3/D03/ME2-50 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 15 | |
| 11 | DP3/M2-005 | C3/D03/ME2-11 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 1 | 51 | DP3/M2-006 | C3/D03/ME2-51 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 16 | |
| 12 | DP3/M2-005 | C3/D03/ME2-12 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 2 | 52 | DP3/M2-006 | C3/D03/ME2-52 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 17 | |
| 13 | DP3/M2-005 | C3/D03/ME2-13 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 3 | 53 | DP3/M2-006 | C3/D03/ME2-53 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 18 | |
| 14 | DP3/M2-005 | C3/D03/ME2-14 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 4 | 54 | DP3/M2-006 | C3/D03/ME2-54 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 19 | |
| 15 | DP3/M2-005 | C3/D03/ME2-15 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 5 | 55 | DP3/M2-006 | C3/D03/ME2-55 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 20 | |
| 16 | DP3/M2-005 | C3/D03/ME2-16 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 6 | 56 | DP3/M2-006 | C3/D03/ME2-56 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 21 | |
| 17 | DP3/M2-005 | C3/D03/ME2-17 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 7 | 57 | DP3/M2-006 | C3/D03/ME2-57 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 22 | |
| 18 | DP3/M2-005 | C3/D03/ME2-18 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 8 | 58 | DP3/M2-006 | C3/D03/ME2-58 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 23 | |
| 19 | DP3/M2-005 | C3/D03/ME2-19 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 9 | 59 | DP3/M2-006 | C3/D03/ME2-59 | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 24 | |
| 20 | DP3/M2-005 | C3/D03/ME2-20 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 10 | 60 | DP3/M2-007 | C3/D03/ME2-60 | REFERENCE THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN | |
| 21 | DP3/M2-005 | C3/D03/ME2-21 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 11 | 61 | DP3/M2-007 | C3/D03/ME2-61 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 1 | |
| 22 | DP3/M2-005 | C3/D03/ME2-22 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 12 | 62 | DP3/M2-007 | C3/D03/ME2-62 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 8 | |
| 23 | DP3/M2-005 | C3/D03/ME2-23 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 13 | 63 | DP3/M2-007 | C3/D03/ME2-63 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 9 | |
| 24 | DP3/M2-005 | C3/D03/ME2-24 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 14 | 64 | DP3/M2-007 | C3/D03/ME2-64 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 10 | |
| 25 | DP3/M2-005 | C3/D03/ME2-25 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 15 | 65 | DP3/M2-007 | C3/D03/ME2-65 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 11 | |
| 26 | DP3/M2-005 | C3/D03/ME2-26 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 16 | 66 | DP3/M2-007 | C3/D03/ME2-66 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 12 | |
| 27 | DP3/M2-005 | C3/D03/ME2-27 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 17 | 67 | DP3/M2-007 | C3/D03/ME2-67 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 13 | |
| 28 | DP3/M2-005 | C3/D03/ME2-28 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 18 | 68 | DP3/M2-007 | C3/D03/ME2-68 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 14 | |
| 29 | DP3/M2-005 | C3/D03/ME2-29 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 19 | 69 | DP3/M2-007 | C3/D03/ME2-69 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 15 | |
| 30 | DP3/M2-005 | C3/D03/ME2-30 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 20 | 70 | DP3/M2-007 | C3/D03/ME2-70 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 16 | |
| 31 | DP3/M2-005 | C3/D03/ME2-31 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 21 | 71 | DP3/M2-007 | C3/D03/ME2-71 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 17 | |
| 32 | DP3/M2-005 | C3/D03/ME2-32 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 22 | 72 | DP3/M2-007 | C3/D03/ME2-72 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 18 | |
| 33 | DP3/M2-005 | C3/D03/ME2-33 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 23 | 73 | DP3/M2-007 | C3/D03/ME2-73 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 19 | |
| 34 | DP3/M2-005 | C3/D03/ME2-34 | | GROUND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 24 | 74 | DP3/M2-007 | C3/D03/ME2-74 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 20 | |
| 35 | DP3/M2-006 | C3/D03/ME2-35 | | REFERENCE SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN | 75 | DP3/M2-007 | C3/D03/ME2-75 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 21 | |
| 36 | DP3/M2-006 | C3/D03/ME2-36 | | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 1 | 76 | DP3/M2-007 | C3/D03/ME2-76 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 22 | |
| 37 | DP3/M2-006 | C3/D03/ME2-37 | | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 2 | 77 | DP3/M2-007 | C3/D03/ME2-77 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 23 | |
| 38 | DP3/M2-006 | C3/D03/ME2-38 | | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 3 | 78 | DP3/M2-007 | C3/D03/ME2-78 | THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 24 | |
| 39 | DP3/M2-006 | C3/D03/ME2-39 | | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 4 | 79 | DP3/M2-008 | C3/D03/ME2-79 | GROUND FLOOR VENTILATION & AIR CONDITIONING SYSTEM PLAN FOR OFFICE | |
| 40 | DP3/M2-006 | C3/D03/ME2-40 | | SECOND FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 5 | 80 | DP3/M2-008 | C3/D03/ME2-80 | ENLARGED OFFICE ELEVATION A-B | |

LIST OF AS-BUILT DRAWING

| NO. | REF. | DWG. NO. | | DESCRIPTION | NO. | REF. | DWG. NO. | | DESCRIPTION |
|-----|--------|----------------|--|---|-----|----------------|----------------|--|-------------|
| | | GENERAL | | | | | GENERAL | | |
| 81 | DP3/M3 | C3/D03/ME3-81 | | GROUND FLOOR VENTILATION & AIR CONDITIONING SYSTEM PLAN FOR MOB ROOM | 120 | DP3/M3 | C3/D03/ME3-120 | REFERENCE THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN | |
| 82 | DP3/M3 | C3/D03/ME3-82 | | GROUND FLOOR VENTILATION & AIR CONDITIONING SYSTEM PLAN FOR PUMP ROOM | 121 | DP3/M3 | C3/D03/ME3-121 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 1 | |
| 83 | DP3/M3 | C3/D03/ME3-83 | | REFERENCE GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN | 122 | DP3/M3 | C3/D03/ME3-122 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 8 | |
| 84 | DP3/M3 | C3/D03/ME3-84 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 3 | 123 | DP3/M3 | C3/D03/ME3-123 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 9 | |
| 85 | DP3/M3 | C3/D03/ME3-85 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 4 | 124 | DP3/M3 | C3/D03/ME3-124 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 10 | |
| 86 | DP3/M3 | C3/D03/ME3-86 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 6 | 125 | DP3/M3 | C3/D03/ME3-125 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 11 | |
| 87 | DP3/M3 | C3/D03/ME3-87 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 9 | 126 | DP3/M3 | C3/D03/ME3-126 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 12 | |
| 88 | DP3/M3 | C3/D03/ME3-88 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 10 | 127 | DP3/M3 | C3/D03/ME3-127 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 13 | |
| 89 | DP3/M3 | C3/D03/ME3-89 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 11 | 128 | DP3/M3 | C3/D03/ME3-128 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 14 | |
| 90 | DP3/M3 | C3/D03/ME3-90 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 12 | 129 | DP3/M3 | C3/D03/ME3-129 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 15 | |
| 91 | DP3/M3 | C3/D03/ME3-91 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 13 | 130 | DP3/M3 | C3/D03/ME3-130 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 16 | |
| 92 | DP3/M3 | C3/D03/ME3-92 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 14 | 131 | DP3/M3 | C3/D03/ME3-131 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 17 | |
| 93 | DP3/M3 | C3/D03/ME3-93 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 15 | 132 | DP3/M3 | C3/D03/ME3-132 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 18 | |
| 94 | DP3/M3 | C3/D03/ME3-94 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 16 | 133 | DP3/M3 | C3/D03/ME3-133 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 19 | |
| 95 | DP3/M3 | C3/D03/ME3-95 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 17 | 134 | DP3/M3 | C3/D03/ME3-134 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 20 | |
| 96 | DP3/M3 | C3/D03/ME3-96 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 18 | 135 | DP3/M3 | C3/D03/ME3-135 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 21 | |
| 97 | DP3/M3 | C3/D03/ME3-97 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 19 | 136 | DP3/M3 | C3/D03/ME3-136 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 22 | |
| 98 | DP3/M3 | C3/D03/ME3-98 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 20 | 137 | DP3/M3 | C3/D03/ME3-137 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 23 | |
| 99 | DP3/M3 | C3/D03/ME3-99 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 21 | 138 | DP3/M3 | C3/D03/ME3-138 | THIRD FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 24 | |
| 100 | DP3/M3 | C3/D03/ME3-100 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 22 | 139 | DP3/M3 | C3/D03/ME3-139 | THIRD FLOOR ELECTRICAL CONTROL PRESSURIZED SYSTEM FOR STAIR CASE NO.1-12 | |
| 101 | DP3/M3 | C3/D03/ME3-101 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 23 | 140 | DP3/M3 | C3/D03/ME3-140 | THIRD FLOOR ELECTRICAL CONTROL PRESSURIZED SYSTEM FOR STAIR CASE 3A,3B,3C,3D | |
| 102 | DP3/M3 | C3/D03/ME3-102 | | GROUND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 24 | 141 | DP3/M3 | C3/D03/ME3-141 | SINGLE LINE DIAGRAM ELECTRICAL CONTROL SYSTEM FOR VENTILATION FAN (SHEET 1 OF 4) | |
| 103 | DP3/M3 | C3/D03/ME3-103 | | REFERENCE SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN | 142 | DP3/M3 | C3/D03/ME3-142 | SINGLE LINE DIAGRAM ELECTRICAL CONTROL SYSTEM FOR VENTILATION FAN (SHEET 2 OF 4) | |
| 104 | DP3/M3 | C3/D03/ME3-104 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 9 | 143 | DP3/M3 | C3/D03/ME3-143 | SINGLE LINE DIAGRAM ELECTRICAL CONTROL SYSTEM FOR VENTILATION FAN (SHEET 3 OF 4) | |
| 105 | DP3/M3 | C3/D03/ME3-105 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 10 | 144 | DP3/M3 | C3/D03/ME3-144 | SINGLE LINE DIAGRAM ELECTRICAL CONTROL SYSTEM FOR VENTILATION FAN (SHEET 4 OF 4) | |
| 106 | DP3/M3 | C3/D03/ME3-106 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 11 | 145 | DP3/M3 | C3/D03/ME3-145 | SINGLE LINE DIAGRAM OF CONTROL PANEL BOARD FOR ACP-EX (TOILET) | |
| 107 | DP3/M3 | C3/D03/ME3-107 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 12 | 146 | DP3/M3 | C3/D03/ME3-146 | TYPICAL CONTROL DOL-1 (EX) 3P FOR ACP-EX (TOILET) | |
| 108 | DP3/M3 | C3/D03/ME3-108 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 13 | 147 | DP3/M3 | C3/D03/ME3-147 | SCHEDULE OF CONTROL PANEL BOARD FOR EX (TOILET) | |
| 109 | DP3/M3 | C3/D03/ME3-109 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 14 | 148 | DP3/M3 | C3/D03/ME3-148 | SINGLE LINE DIAGRAM OF CONTROL PANEL BOARD FOR ACP-PF | |
| 110 | DP3/M3 | C3/D03/ME3-110 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 15 | 149 | DP3/M3 | C3/D03/ME3-149 | TYPICAL CONTROL Y-D-1 (PRESSURIZED FAN) | |
| 111 | DP3/M3 | C3/D03/ME3-111 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 16 | 150 | DP3/M3 | C3/D03/ME3-150 | SCHEDULE OF CONTROL PANEL BOARD FOR PF | |
| 112 | DP3/M3 | C3/D03/ME3-112 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 17 | 151 | DP3/M3 | C3/D03/ME3-151 | TYPICAL INSTALLATION CONTROL PANEL BOARD IN FAN ROOM TYPE 1 | |
| 113 | DP3/M3 | C3/D03/ME3-113 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 18 | 152 | DP3/M3 | C3/D03/ME3-152 | TYPICAL INSTALLATION CONTROL PANEL BOARD IN FAN ROOM TYPE 2 | |
| 114 | DP3/M3 | C3/D03/ME3-114 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 19 | 153 | DP3/M3 | C3/D03/ME3-153 | TYPICAL INSTALL CONTROL PANEL FOR FAN ROOM | |
| 115 | DP3/M3 | C3/D03/ME3-115 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 20 | 154 | DP3/M3-009 | C3/D03/ME3-154 | TYPICAL DETAIL OF DUCT WORK 1 | |
| 116 | DP3/M3 | C3/D03/ME3-116 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 21 | 155 | DP3/M3-010-011 | C3/D03/ME3-155 | TYPICAL DETAIL OF DUCT WORK 2 | |
| 117 | DP3/M3 | C3/D03/ME3-117 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 22 | 156 | DP3/M3 | C3/D03/ME3-156 | TYPICAL DETAIL OF INSTALLATION EQUIPMENT 1 | |
| 118 | DP3/M3 | C3/D03/ME3-118 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 23 | 157 | DP3/M3 | C3/D03/ME3-157 | TYPICAL DETAIL OF INSTALLATION EQUIPMENT 2 | |
| 119 | DP3/M3 | C3/D03/ME3-119 | | SECOND FLOOR ELECTRICAL & CONTROL SYSTEM PLAN ZONE 24 | | | | | |

LIST OF AS-BUILT DRAWING
SCALE NTS.

| | | | | | | |
|---|--|--|--|--|---|---|
| AS-BUILT | PREVIEWED BY <i>[Signature]</i> Mr.Soraj nuochomphon | CHECKED BY <i>[Signature]</i> RE.3 | CHECKED BY <i>[Signature]</i> SPECIALIST | APPROVED BY <i>[Signature]</i> ER. | | |
| | DATE: 9 APR 2015 | DATE: 28 APR 2015 | DATE: 9 APR 2015 | DATE: 28 APR 2015 | | |
| EMPLOYER : MASS RAPID TRANSIT AUTHORITY OF THAILAND MRT PURPLE LINE PROJECT BANG YAI TO RAT BURANA | PROJECT CONSULTANT : The Project Consulting Services for MRT Purple Line Project Bang Yai - Bang Sue Section | CONTRACTOR : PAR JOINT VENTURE | PREPARED : PAR JOINT VENTURE DRAWN : WIRAT B. วิรัตน์ CHECKED : WISA R. <i>[Signature]</i> PM : DATE : 30 MARCH 2015 | REV.NO. DATE DESCRIPTION APPROVED - 19/12/14 FIRST ISSUE A 16/02/15 FOR CHECK INSTALLATION WORK ON SITE B 30/03/15 AS-BUILT DRAWING | REF.CONTRACT DWG. NO. DP3/G-002 STATUS DWG. NO. C3/D03/MEG-01 SCALE A1 = NTS. A3 = NTS. | BANG YAI TO BANG SUE SECTION CONTRACT 3 TITLE : DEPOT : PARK AND RIDE BUILDING LIST OF AS-BUILT DRAWING SHEET NO. 1/157 |

| AIR SIDE SYMBOLS. | | ELECTRICAL SYMBOLS. | | LETTER SYMBOLS. | | LETTER SYMBOLS OF EQUIPMENT. | |
|-------------------|---|---------------------|--|-----------------|--|---|--------------|
| SYMBOLS. | DESCRIPTION. | SYMBOLS. | DESCRIPTION. | ABBREVIATION. | DESCRIPTION. | ABBREVIATION. | DESCRIPTION. |
| | DUCT SIZE , FIRST FIGURE SIZE SHOWN , SECOND FIGURE SIZE NOT SHOWN. | | ISOLATING SWITCH. | AMCC. | AIR CONDITIONING MOTOR CONTROL CENTER. | XXX-XXO-X-X NO OF UNIT. NO OF FLOOR. NO OF BUILDING.(SEE NOTE 2) NO OF EQUIPMENT.(SEE NOTE 1) | |
| | DUCT SECTION , POSITIVE PRESSURE , FIRST FIGURE IS TOP SIDE. | | CIRCUIT BREAKER. | BOD. | BOTTOM OF DUCT. | | |
| | DUCT SECTION , NEGATIVE PRESSURE , FIRST FIGURE IS TOP SIDE. | | NORMALLY OPEN CONTACT (LOW VOLTAGE OR HIGH VOLTAGE.) | BOP. | BOTTOM OF PIPE. | | |
| | DUCT ELBOW UP. | | NORMALLY CLOSED CONTACT (LOW VOLTAGE OR HIGH VOLTAGE.) | 'C | DEGREE CELCIUS. | | |
| | DUCT ELBOW DOWN. | | PANELBOARD. | CD. | CEILING DIFFUSER WITH VOLUME DAMPER. | | |
| | ROUND ELBOW. | | PANELBOARD ON CEILING. | CFM. | CUBIC FEET PER MINUTE. | | |
| | DUCT ELBOW WITH TURNING VANE. | | REMOTE PUSH BUTTON ON-OFF WITH LAMP. | CH. | CHILLER. | | |
| | DUCT TRANSITION. | | ELECTRICAL JUNCTION BOX. | CHP. | CHILLED WATER PUMP. | | |
| | CEILING DIFFUSER WITH NECK SIZE CFM. CAPACITY. | | AMMETER. | Cm. | CENTIMETRE. | | |
| | EXHAUST AIR GRILLE WITH NECK SIZE CFM. CAPACITY. | | VOLTMETER. | COP. | CONDENSER WATER PUMP. | | |
| | RETURN AIR GRILLE WITH NECK SIZE CFM. CAPACITY. | | START PUSH BUTTON. | CT. | COOLING TOWER. | | |
| | SIDE WALL SUPPLY AIR GRILLE WITH NECK SIZE CFM. CAPACITY. | | STOP PUSH BUTTON. | D. | DRAIN. | | |
| | SIDE WALL RETURN AIR GRILLE WITH NECK SIZE CFM. CAPACITY. | | OVERLOAD OF MOTOR CONTACTOR. | DN. | DOWN. | | |
| | SIDE WALL FRESH AIR GRILLE WITH NECK SIZE CFM. CAPACITY. | | CARTRIDGE FUSE. | EAD. | EXHAUST AIR DUCT. | | |
| | DOOR LOUVRE ,SUPPLIED BY OTHER. | | HOLDING COIL. | EAG. | EXHAUST AIR GRILLE. | | |
| | VOLUME DAMPER. | | CURRENT TRANSFORMER. | 'F. | DEGREE FAHRENHEIT. | | |
| | OPPOSED BLADE VOLUME DAMPER. | | AMMETER SELECTOR | FAD. | FRESH AIR DUCT. | | |
| | VOLUME DAMPER ,BUTTERFLY TYPE. | | VOLTMETER SELECTOR | FAG. | FRESH AIR GRILLE. | | |
| | MOTORIZED VOLUME DAMPER. | | DIRECT-ON-LINE STARTER MOTOR. | FD. | FLOOR DRAIN. | | |
| | FIRE DAMPER AND SLEEVE. | | AUTO-OFF-MANUAL SELECTOR SWITCH. | FRD. | FIRE DAMPER. | | |
| | ACCESS DOOR , INDICATED SIZE. | | WYE-DELTA STARTER. | FS. | FLOW SWITCH. | | |
| | SOUND ATTENUATOR. | | PILOT LAMP. | FFL. | FINISH FLOOR LEVEL. | | |
| | FLEXIBLE DUCT CONNECTION. | | TIMER RELAY. | FSD. | FIRE & SMOKE DAMPER. | | |
| | AIR FILTER. | | VOLTAGE TRANSFORMER. | FAR. | FRESH AIR REGISTER | | |
| | COOLING COIL. | | SPACE THERMOSTAT. | GRD. | GRAVITY DAMPER. | | |
| | SPLITTER DAMPER. | | THERMOSTAT WITH 3-SPEED SWITCH. | IAG. | INTAKE AIR GRILLE. | | |
| | INSIDE INSULATION OR DUCT LINER. | | REMOTE BULB THERMOSTAT. | IN.WG. | INCH WATER GAUGE. | | |
| | VAV BOX WITH FLEXIBLE DUCT AND LINEAR SLOT DIFFUSER. | | ROOM HUMIDISTAT. | KW. | KILOWATT. | | |
| | DUCT SLOPE 1:200. | | FAN SPEED SWITCH BY OTHER. | LEV. | LEVEL. | | |
| | DUCT OFFSET UP. | | FIRE STAT. | LSD. | LINEAR SLOT DIFFUSER. | | |
| | DUCT OFFSET DOWN. | | DUCT TYPE SMOKE DETECTOR. | L/S. | LITER PER SECOND | | |
| | | | DISCONNECTING SWITCH. | LIQ. | LIQUID PIPE | | |
| | | | DISCONNECTING SWITCH BY OTHER. | m. | METRE. | | |
| | | | DISCONNECTING SWITCH , WEATHER PROOF TYPE. | mm. | MILLIMETRE. | | |
| | | | DISCONNECTING SWITCH , WEATHER PROOF TYPE , BY OTHER. | MAX. | MAXIMUM. | | |
| | | | SMOKE DETECTOR | MBH. | 1000 BTUH. | | |
| | | | TO GROUND. | MIN. | MINIMUM. | | |
| | | | SINGLE OUTLET 10 A,250 VAC.,WITH GROUND. | ND. | NEAREST DRAIN. | | |
| | | | VENTILATION FAN. | PS. | PRESSURE SWITCH. | | |

SYMBOL LIST & ABBREVIATION

SCALE NTS.

| | | | | |
|-------------------------------------|---|---|--|---|
| AS-BUILT | PREVIEWED BY Mr.Saroj nuchamphan DATE: 9 APR 2015 | CHECKED BY RE.3 DATE: 28 APR 2015 | CHECKED BY SPECIALIST DATE: 9 APR 2015 | APPROVED BY ER. DATE: 28 APR 2015 |
| | BANG YAI TO BANG SUE SECTION CONTRACT 3 | | | |
| PREPARED : PAR JOINT VENTURE | REV.NO. | DATE | DESCRIPTION | APPROVED |
| DRAWN : WIRAT B. | - | 19/12/14 | FIRST ISSUE | |
| CHECKED : WISA R. | A | 16/02/15 | FOR CHECK INSTALLATION WORK ON SITE | |
| PM : | B | 30/03/15 | AS-BUILT DRAWING | |
| DATE : 30 MARCH 2015 | | | | |
| REF.CONTRACT DWG. NO. DP3/M0-001 | | TITLE : DEPOT : PARK AND RIDE BUILDING SYMBOL LIST & ABBREVIATION | | |
| STATUS DWG. NO. - C3/D03/ME0-02 | | SHEET NO. 2/157 | | |
| SCALE A1 = NTS. A3 = NTS. | | | | |

EMPLOYER :

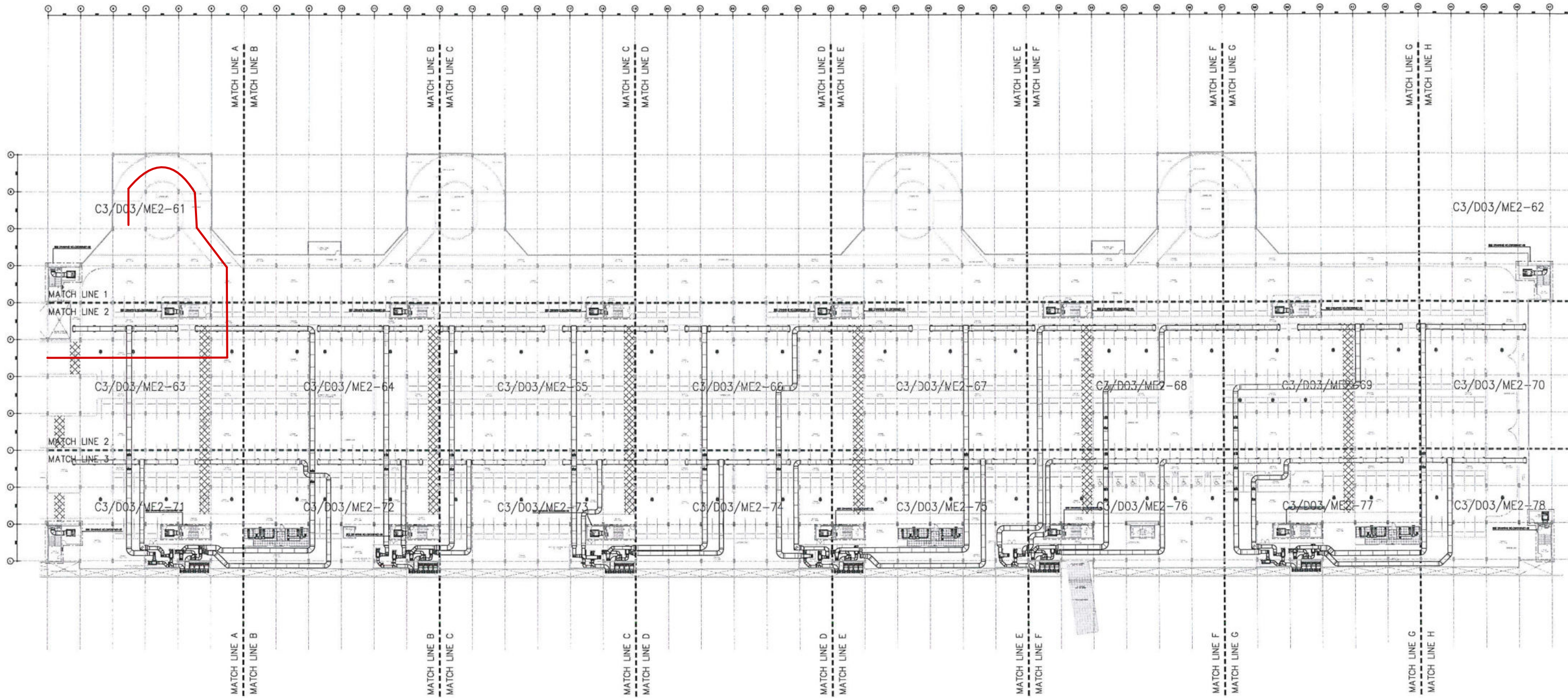
MASS RAPID TRANSIT AUTHORITY OF THAILAND
MRT PURPLE LINE PROJECT
BANG YAI TO RAT BURANA

PROJECT CONSULTANT :

PCPL
The Project Consulting Services for MRT Purple Line Project
Bang Yai - Bang Sue Section

CONTRACTOR :

PAR
JOINT VENTURE



REFERENCE THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN

SCALE

A1 = 1 : 500
A3 = 1 : 1000

| | | | | | |
|-----------------|--|--|-------------------------------|------------------------------------|------------------------------|
| AS-BUILT | | PREVIEWED BY | CHECKED BY | CHECKED BY | APPROVED BY |
| | | Mr. Saroj Nuchamphan DATE: 9 APR 2015 | RE.3 DATE: 29 APR 2015 | SPECIALIST DATE: 9 APR 2015 | ER. DATE: 28 APR 2015 |

EMPLOYER :

MASS RAPID TRANSIT AUTHORITY OF THAILAND
MRT PURPLE LINE PROJECT
BANG YAI TO RAT BURANA

PROJECT CONSULTANT :

The Project Consulting Services for MRT Purple Line Project
Bang Yai - Bang Sue Section

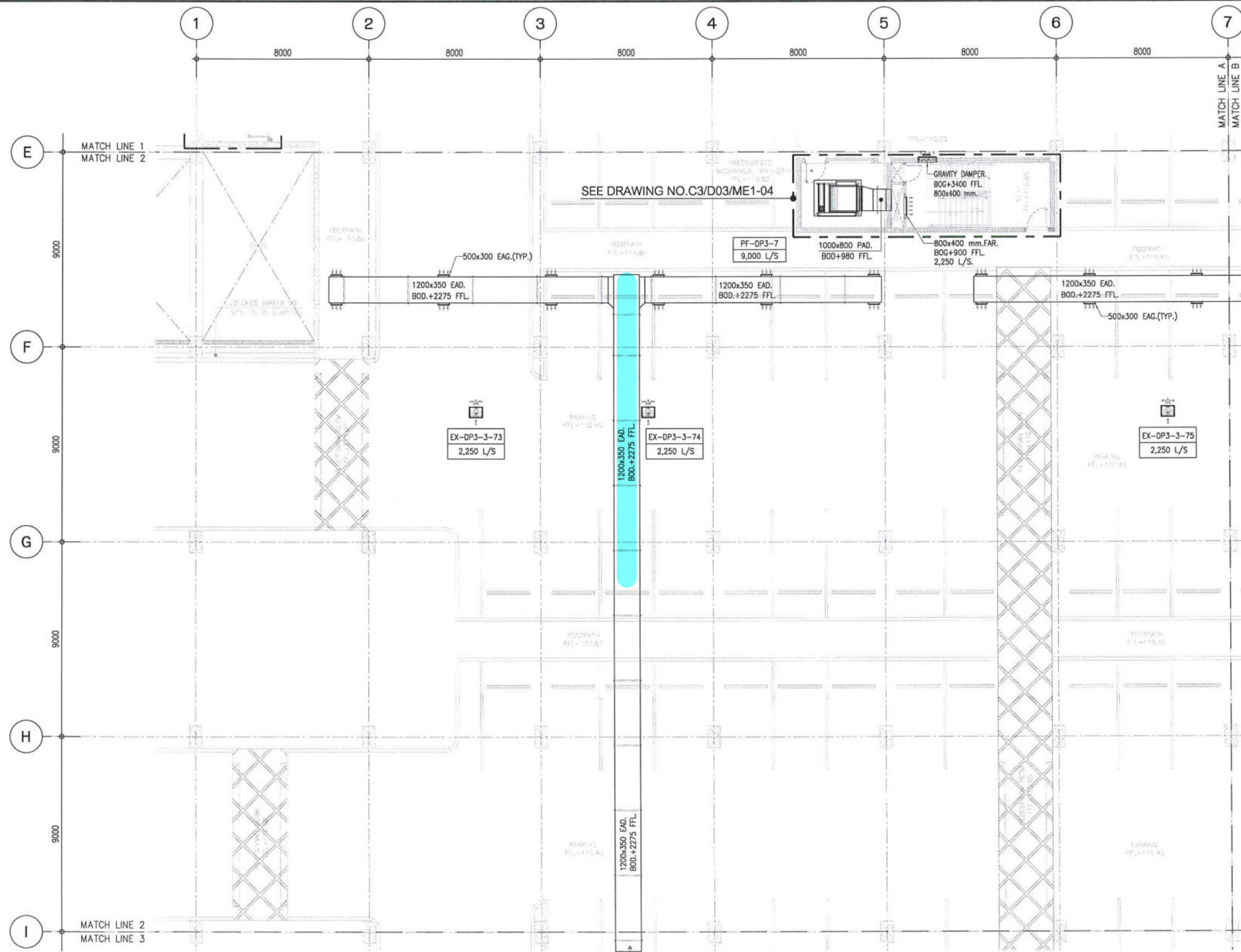
CONTRACTOR :

PAR
JOINT VENTURE

| PREPARED : | REV.NO. | DATE | DESCRIPTION | APPROVED |
|--------------------------|---------|----------|-------------------------------------|----------|
| PAR JOINT VENTURE | | | | |
| DRAWN : WIRAT B. วิรัตน์ | A | 19/12/14 | FIRST ISSUE | |
| CHECKED : WISA R. | B | 16/02/15 | FOR CHECK INSTALLATION WORK ON SITE | |
| | | 30/03/15 | AS-BUILT DRAWING | |
| PM : | | | | |
| DATE : 30 MARCH 2015 | | | | |

| | |
|--|--|
| REF. CONTRACT DWG. NO. DP3/M2-007 | TITLE : |
| STATUS DWG. NO. C3/D03/ME2-60 | DEPT : PARK AND RIDE BUILDING |
| SCALE A1 = 1 : 500 A3 = 1 : 1000 | REFERENCE THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN |
| SHEET NO. 60/157 | |

| | |
|--|--|
| BANG YAI TO BANG SUE SECTION | |
| CONTRACT 3 | |
| TITLE : | |
| DEPT : PARK AND RIDE BUILDING | |
| REFERENCE THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN | |



THIRD FLOOR VENTILATION & PRESSURIZATION SYSTEM PLAN ZONE 9

SCALE

A1 = 1 : 100
A3 = 1 : 200

| | | | | | |
|-----------------|---------|-------------------------------------|---------------------|--------------------------|--------------------|
| AS-BUILT | KEYPLAN | PREVIEWED BY | CHECKED BY | CHECKED BY | APPROVED BY |
| | | Mr.Saroj nuchamphan - 9 APR 2015 | RE.3 29 APR 2015 | SPECIALIST 9 APR 2015 | ER. 28 APR 2015 |

EMPLOYER :

MASS RAPID TRANSIT AUTHORITY OF THAILAND
MRT PURPLE LINE PROJECT
BANG YAI TO RAT BURANA

PROJECT CONSULTANT :

The Project Consulting Services for MRT Purple Line Project
Bang Yai - Bang Sue Section

CONTRACTOR :

PAR
JOINT VENTURE

| PREPARED : | REV.NO. | DATE | DESCRIPTION | APPROVED |
|--------------------------|---------|----------|-------------------------------------|----------|
| PAR JOINT VENTURE | | | | |
| DRAWN : WIRAT B. วิรัตน์ | - | 19/12/14 | FIRST ISSUE | |
| CHECKED : WISA R. วิสาร | A | 16/02/15 | FOR CHECK INSTALLATION WORK ON SITE | |
| | B | 30/03/15 | AS-BUILT DRAWING | |
| PM : | | | | |
| DATE : 30 MARCH 2015 | | | | |

REF.CONTRACT DWG. NO.
DP3/M2-007

STATUS DWG. NO.
C3/D03/ME2-63

SCALE
A1 = 100
A3 = 200

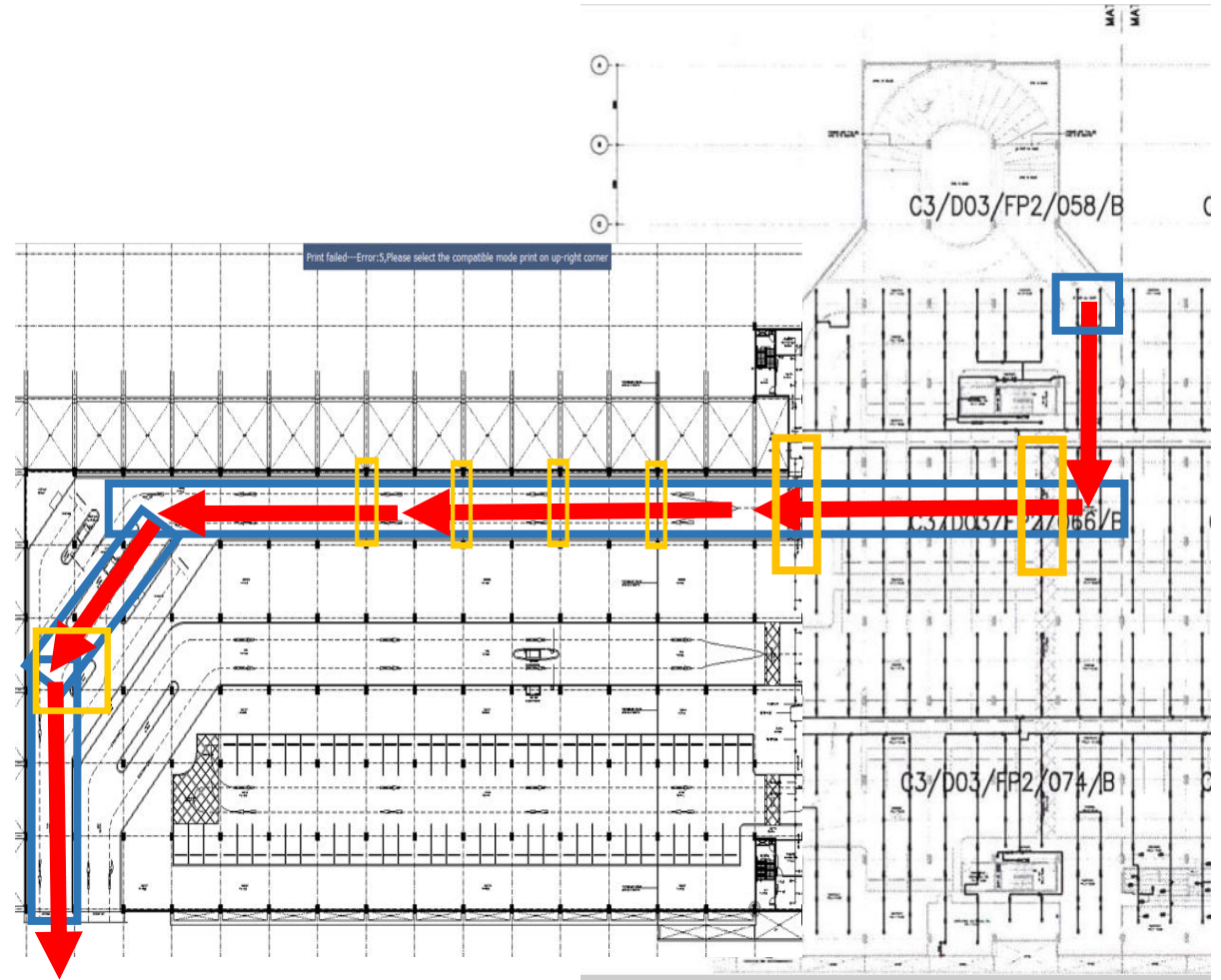
BANG YAI TO BANG SUE SECTION
CONTRACT 3

TITLE :
DEPOT : PARK AND RIDE BUILDING
THIRD FLOOR VENTILATION &
PRESSURIZATION SYSTEM PLAN
ZONE 9

SHEET NO.
63/157

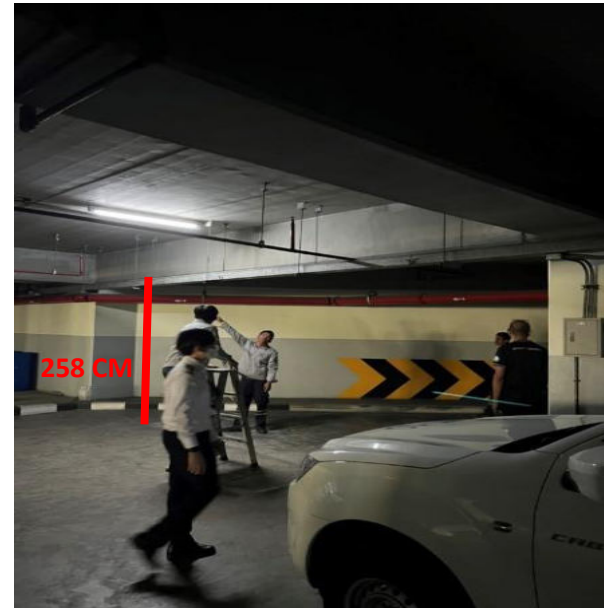
ภาพแสดงรายละเอียดของแนวท่อเดิม

งานท่อน้ำดับเพลิง



กรอบสีส้มคือ โซนที่มีการย้ายตำแหน่งท่อ

ตัวอย่างภาพจริง (กรอบสี่เหลี่ยม)

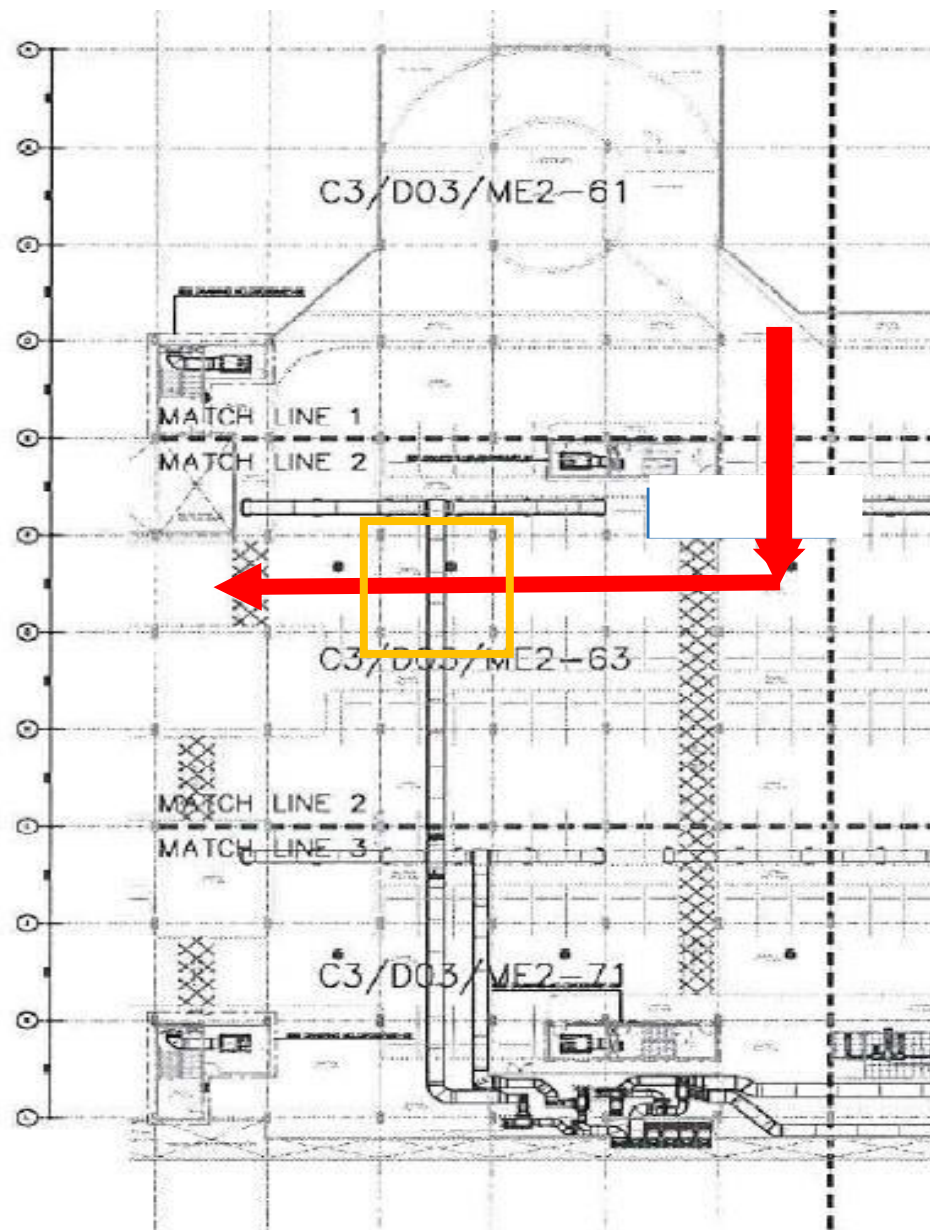
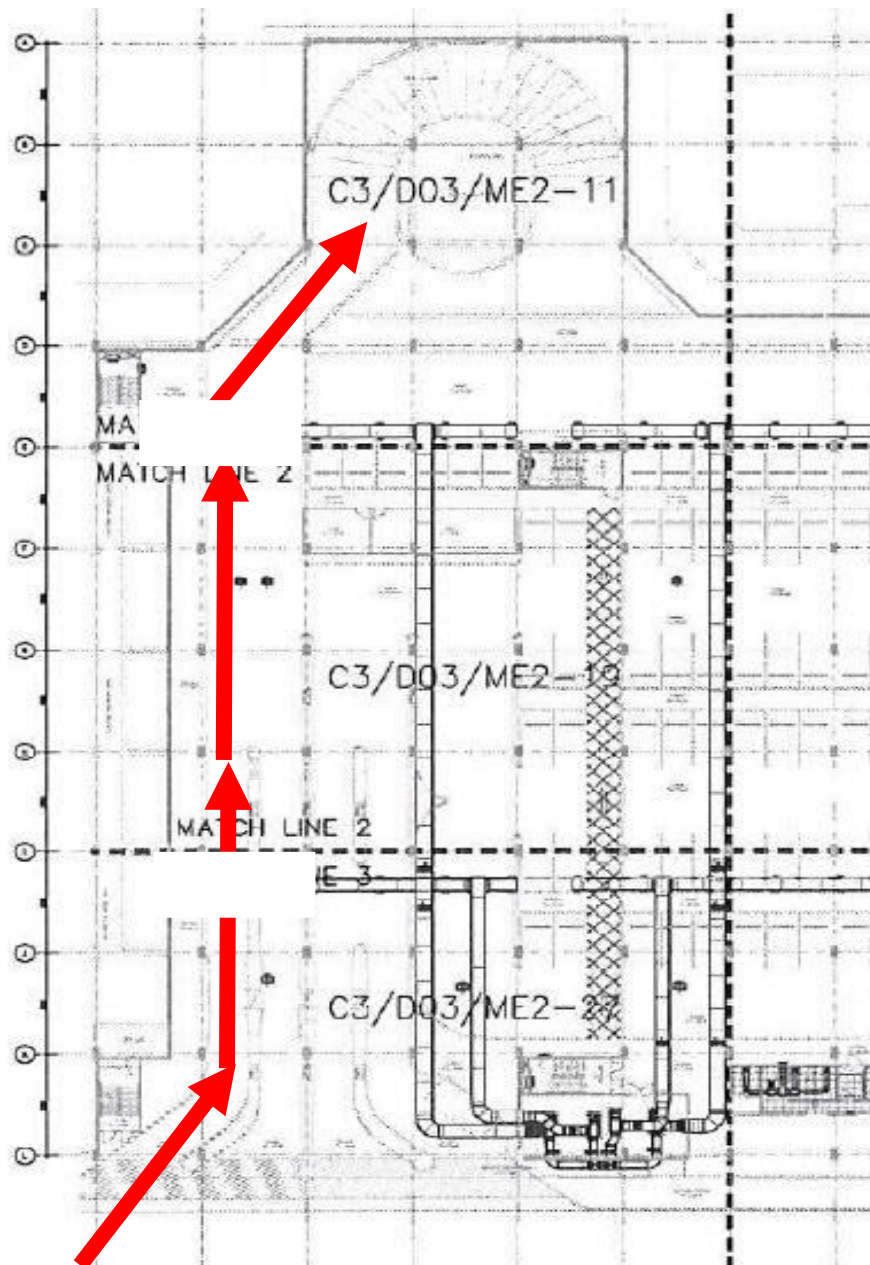


ตัวอย่างภาพจริง (กรอบสี่น้ำเงิน)



Handwritten signature or mark in blue ink.

งานท่อเติมอากาศ



ตำแหน่งกรอบสี่เหลี่ยมคือ โซนที่มีการย้ายตำแหน่งท่อ

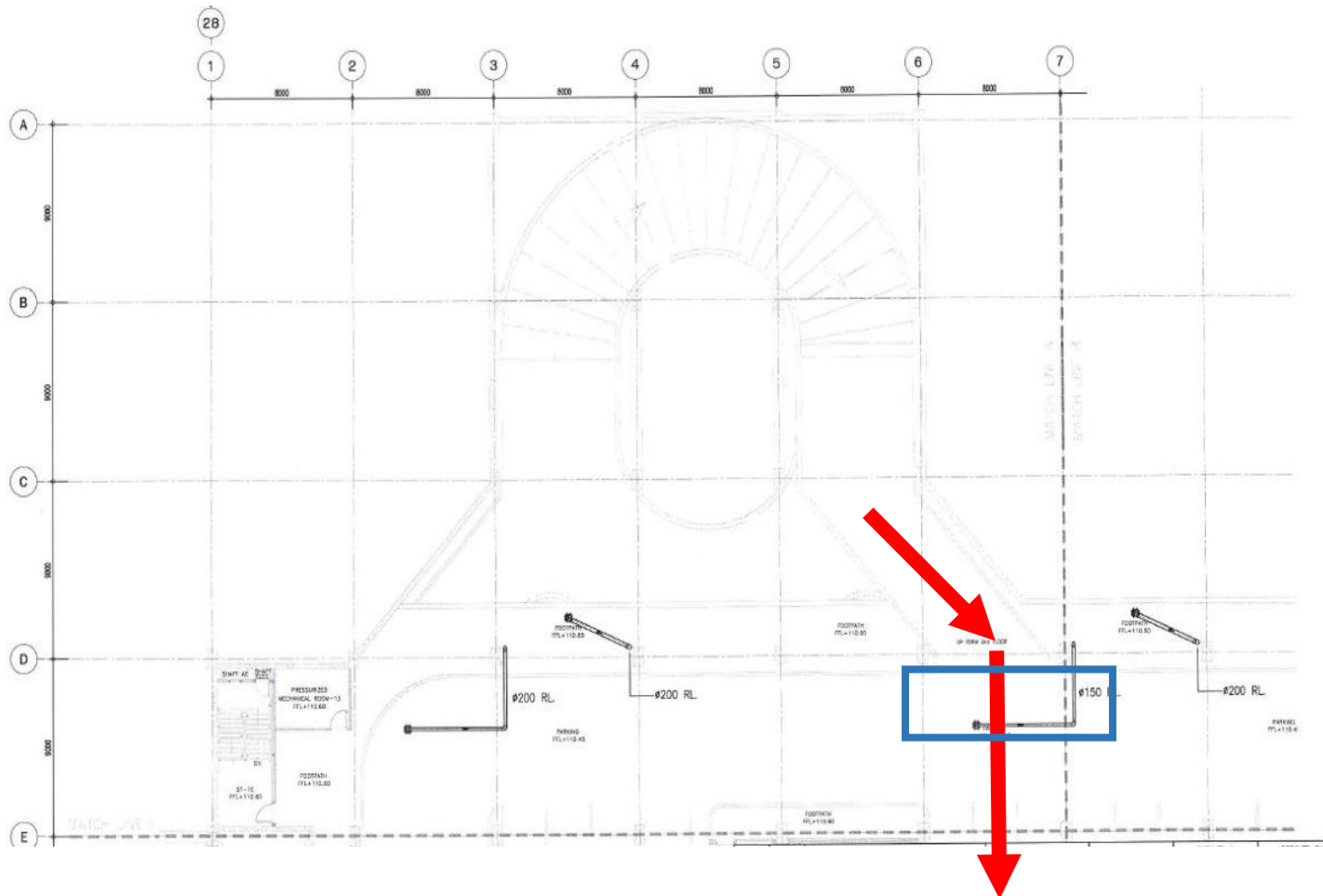
วิน

ตัวอย่างภาพจริง (กรอบสี่เหลี่ยม)



Handwritten signature or mark in blue ink.

ทอระบายน้ำ



ตำแหน่งกรอบสีน้ำเงินคือ โชนที่มีการย้ายตำแหน่งท่อ

ตัวอย่างภาพจริง (กรอบสีน้ำเงิน)



บัญชีแสดงปริมาณวัสดุ

งานย้ายแนวท่อดับเพลิง ท่อระบายน้ำ และท่อเติมอากาศ ภายในอาคารจอดรถ สถานีรถไฟฟ้าคลองบางไผ่

การรถไฟฟ้าขนส่งมวลชนแห่งประเทศไทย

| ลำดับ | รายการ | จำนวน | หน่วย |
|-------|--|-------|-------|
| | งานแก้ไขท่อน้ำดับเพลิง | | |
| 1 | ท่อเหล็กดำ มีตะเข็บ Sch.40 Grade A. ASTM53 | | |
| 1.1 | - เส้นผ่าศูนย์กลาง 150 มิลลิเมตร | 6 | เมตร |
| 1.2 | - เส้นผ่าศูนย์กลาง 100 มิลลิเมตร | 84 | เมตร |
| 1.3 | - เส้นผ่าศูนย์กลาง 40 มิลลิเมตร | 14 | เมตร |
| 1.4 | - เส้นผ่าศูนย์กลาง 32 มิลลิเมตร | 6 | เมตร |
| 1.5 | - เส้นผ่าศูนย์กลาง 25 มิลลิเมตร | 24 | เมตร |
| 2 | งานแก้ไขท่อระบายน้ำ | | |
| | - ท่อ PVC เส้นผ่าศูนย์กลาง 100 มิลลิเมตร | 1 | จุด |
| 3 | Fittings, Accessories, Mechanic Joint | เหมา | |
| 4 | Painting | เหมา | |
| 5 | งานแก้ไขท่อเติมอากาศ | | |
| | - ตัดต่อท่อ Air Duct | เหมา | |

หมายเหตุ ปริมาณที่ระบุในตารางเป็นปริมาณขั้นต่ำที่ผู้รับจ้างจะต้องดำเนินการ หากสำรวจพื้นที่แล้วพบว่ามีความจำเป็นต้องเพิ่มเติมจากปริมาณที่แจ้งข้างต้น ผู้รับจ้างจะต้องดำเนินการให้แล้วเสร็จ และอยู่ในความรับผิดชอบของผู้รับจ้างเอง