

REQUEST FOR INFORMATION (RFI)

PROJECT :	BKK2	R.F.I. NO. :	523213-01-RFI-EL-0023
TO :	CTA	ATTENTION :	CTA
SUBMITTED DATE:	22-Jan-26	NEED REPLY BY DATE :	29-Feb-26

SUBMISSION OF : ☒ Q&A ☐ Drawing ☐ Document ☐ Others (as specified below)

SUBJECT : Request for Information - Fire Alarm Signals Interface to BMS System

Total Page (s) : 4 (Including this page)

FUNCTION : ☐ Structural (ST) ☒ Electrical & Communication (EL) ☐ Mechanical (ME) ☐ Vertical Transport (VT)  
☐ Architectural (AR) ☐ Fire Protection (FI) ☐ Hydraulic & Sanitary (HY) ☐ Other (O)


(1) CONTRACTOR REQUEST FOR INFORMATION :

We would like your assistance to confirm about point list from Fire Alarm System to BMS system, as the Fire Alarm and BMS Schematics are not consistent.

Only signals from the Main Fire Alarm Control Panel at the ground floor(Level 1) shall be interfaced with the BMS system.

If also required for each Sub-Fire Alarm Control Panel on every floor interfaced to BMS system. Additional interface card for each Sub-Fire Alarm Control Panel is required.

Please see attached documents for more information.

Requested by :   
Engineering Manager

Reviewed by :   
Project Manager

(2) ATTN : Commtech Asia (Thailand)

☐ For Approval ☐ See Note ☒ Please Clarify

Note : Aurecon to confirm the BMS requirements of the fire alarm signals


From : GAA Group  
By :   
Name / Position : Mr. Itsarate Trachuengtong/  
Project Manager  
Date : 22-Jan-26  
Reviewed By :   
Commtech Asia (Thailand)  
Name / Position : Finlay Coady  
Sr. Project Manager  
Date : 2nd February 2026

(3) ATTN : AURECON

☐ For Approval ☐ See Note ☐ Please Clarify

Note : AUR :  
Please refer to Drawing EL-0176. Signals from each Sub Fire Alarm Control Panel on every floor shall be separately interfaced with the BMS system in accordance with the design intent.

CONTRACTOR DOCUMENT REVIEW  
☐ ACCEPTED  
☐ REJECTED  
☒ MAKE CORRECTIONS NOTED & PROCEED  
☐ REVISE AND RESUBMIT  
Aurecon Consulting (Thailand) Co., Ltd.  
By : Chutikarn Sinsopa  
Date : 07 February 2026  
Project No : 523213  
Date received 22 February 2026  
This review is only for general confirmation with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the contract documents.  
This review does not release the Contractor of his responsibility of ensuring the work is complete, accurate & correct.  
Any amendment does not constitute an order or authority for a price variation to the contractor.

From : Commtech Asia (Thailand)  
By :  
Name / Position ( )  
Date :  
Reviewed By : AURECON   
Name / Position ( Chutikarn Sinsopa  
Electrical Engineer )  
Date : 07 February 2026

(4) ATTN : STT GDC

☐ Clarification only ☐ Not Approved  
☐ Approved for proceeding work  
☐ Approved with comments, proceeding work in compliance with comments  
☐ Approved with comments, not for proceeding work and need to re-submit

Note :

From : AURECON  
By :  
Name / Position ( )  
Date :  
Reviewed By : STT GDC  
Name / Position  
Date :

**Subject :** Fire Alarm signals interface to BMS system

**Reference Drawings:**

- Drawing No. 523213-02-DRG-EL-0170 – Electrical Services Automatic Fire Detection and Alarm System
- Drawing No. 523213-02-DRG-EL-0176 – Electrical Services BUILDING MANAGEMENT SYSTEM SCHEMATIC

**Description:**

According to the Electrical Services – Automatic Fire Detection and Alarm System Schematic (Ref. Drawing No. 523213-02-DRG-EL-0170), Fire Alarm System sends signals to BMS system only from the Main Fire Alarm Control Panel located on level 1. However, according to the BMS Schematic, there are signal points shown from the Sub-Fire Alarm Control Panel on each floor interfacing separately with the BMS systems.

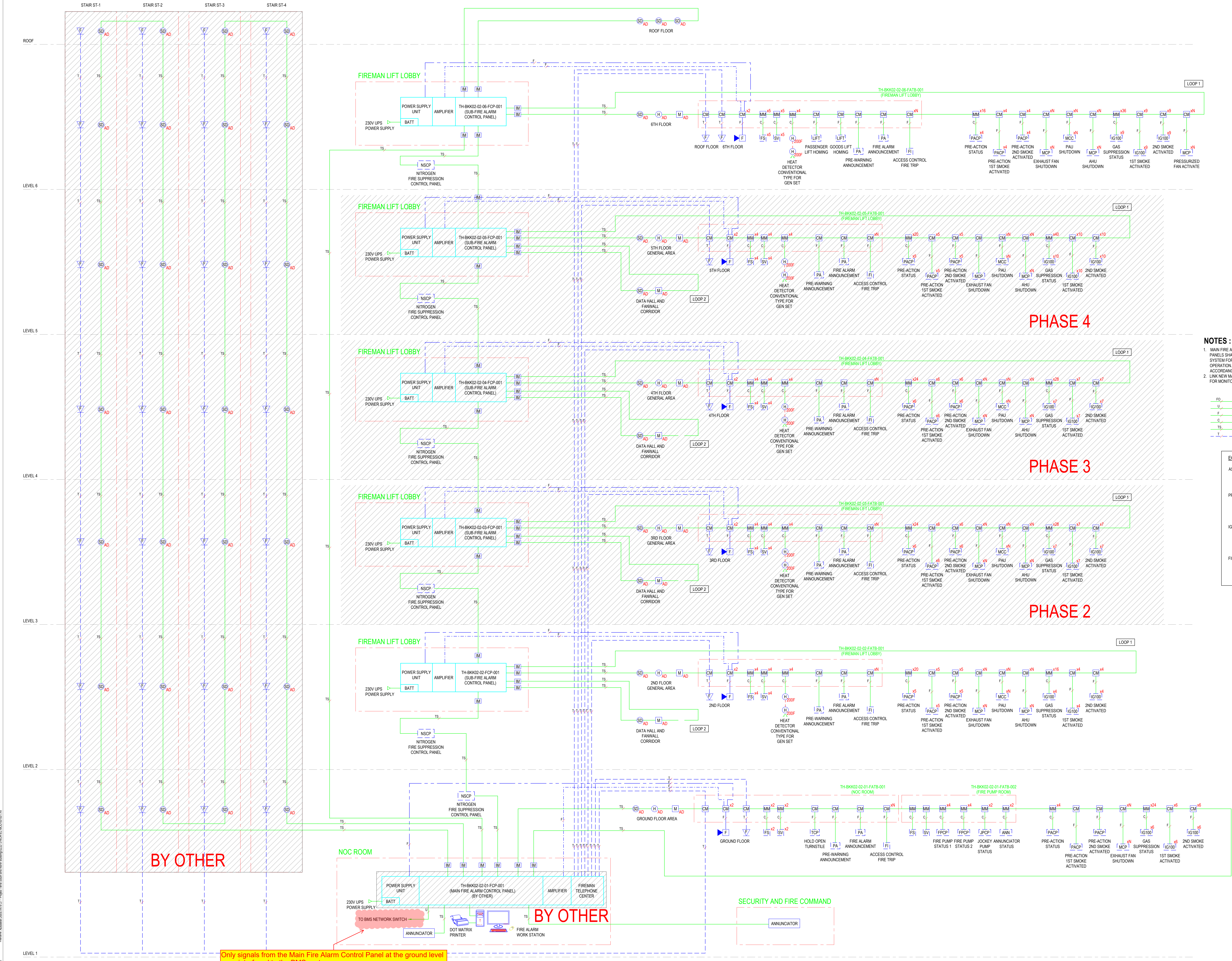
Based on BKK1, only signals from the Main Fire Alarm Control Panel at the ground level were interfaced with the BMS system.

Request for Clarification:

**Please confirm the intended design requirement as follows:**

1. **Only signals from the Main Fire Alarm Control Panel at the ground floor(Level 1) shall be interfaced with the BMS system,  
or**
2. **Signals from each Sub-Fire Alarm Control Panel on every floor shall be interfaced separately with the BMS system.**





Only signals from the Main Fire Alarm Control Panel at the ground level were interfaced to the BMS system.

If also required for each Sub-Fire Alarm Control Panel on every floor interfaced to BMS system. Additional interface card for each Sub-Fire Alarm Control Panel is required.

Please consider.

PHASE 4

PHASE 3

PHASE 2

- NOTES :**
1. MAIN FIRE ALARM CONTROL PANEL AND SUB-FIRE ALARM CONTROL PANELS SHALL BE EQUIPPED WITH DEDICATED BATTERY TO BACKUP THE SYSTEM FOR 24 HOURS IN NORMAL OPERATION AND 15 MINUTES IN ALARM OPERATION. BATTERY SIZING AND INSTALLATION SHALL BE IN ACCORDANCE WITH EIT STANDARD.
  2. LINK NEW MAIN FIRE ALARM PANEL OF NORTH BUILDING TO ECMS SYSTEM FOR MONITORING FIRE ALARM OF ALL BUILDINGS.

- FO — 6C SMOF  
— U — UTP CAT6A  
— F — 2x2.5 Sq.mm. FRC  
— C — 2x2.5 Sq.mm. FRC  
— TS — 16AWG TWISTED PAIR WITH SHIELD FRC  
— T — 4C-0.65 Sq.mm. FRC

**EQUIPMENT STATUS TO FIRE ALARM SYSTEM**

- ASPIRATING SMOKE DETECTOR (ASD):**
- 1ST ALARM
  - TROUBLE
  - ISOLATE
- PRE-ACTION SYSTEM:**
- 2ND SMOKE DETECTOR ACTIVATED
  - LOW PRESSURE SWITCH ACTIVATED
  - SOLENOID VALVE OPENED
  - WATER FLOW
- IG-100 SYSTEM:**
- 2ND SMOKE DETECTOR ACTIVATED
  - DISCHARGE
  - MANUAL SWITCH ACTIVATED
  - TROUBLE
- FIRE PUMP AND JOCKEY PUMP:**
- POWER FAIL
  - PUMP OPERATING
  - FAILED TO START

**OWNER**

**STTelemedia**  
Global Data Centres

STI QDC (THAILAND) CO., LTD.  
601 Mittrapha Office Tower, 21st Floor, Unit 2104-2107,  
Rama 4 Road, Wangmai, Pathumwan, Bangkok 10330

**ENGINEERING**

**aurecon**  
www.aurecongroup.com

AURECON CONSULTING (THAILAND) CO., LTD.  
88 AIA Capital Center Building, 21st Floor, Unit 2104-2107,  
Ratchaprasong Road, Chongkriang, Bangkok 10330

STRUCTURAL REVIEWER	
สมชาย เจริญธรรม	ร.ร. 1754
STRUCTURAL	
วิวัฒน์ วัฒนศิริกุล	ร.ร. 1488
วิวัฒน์ วัฒนศิริกุล	ร.ร. 9229
วิวัฒน์ วัฒนศิริกุล	ร.ร. 64414

SANITARY AND FIRE PROTECTION	
วิวัฒน์ วัฒนศิริกุล	ร.ร. 209
วิวัฒน์ วัฒนศิริกุล	ร.ร. 438
วิวัฒน์ วัฒนศิริกุล	ร.ร. 3502
วิวัฒน์ วัฒนศิริกุล	ร.ร. 3907
วิวัฒน์ วัฒนศิริกุล	ร.ร. 4891
วิวัฒน์ วัฒนศิริกุล	ร.ร. 6968
ELECTRICAL AND COMMUNICATIONS	
วิวัฒน์ วัฒนศิริกุล	ร.ร. 1287
วิวัฒน์ วัฒนศิริกุล	ร.ร. 6447
วิวัฒน์ วัฒนศิริกุล	ร.ร. 6875
วิวัฒน์ วัฒนศิริกุล	ร.ร. 52996

AIR CONDITIONING AND VENTILATION	
วิวัฒน์ วัฒนศิริกุล	ร.ร. 848
วิวัฒน์ วัฒนศิริกุล	ร.ร. 4976
วิวัฒน์ วัฒนศิริกุล	ร.ร. 5005

**ARCHITECTURAL**

**Leach**  
Partners in creative solutions

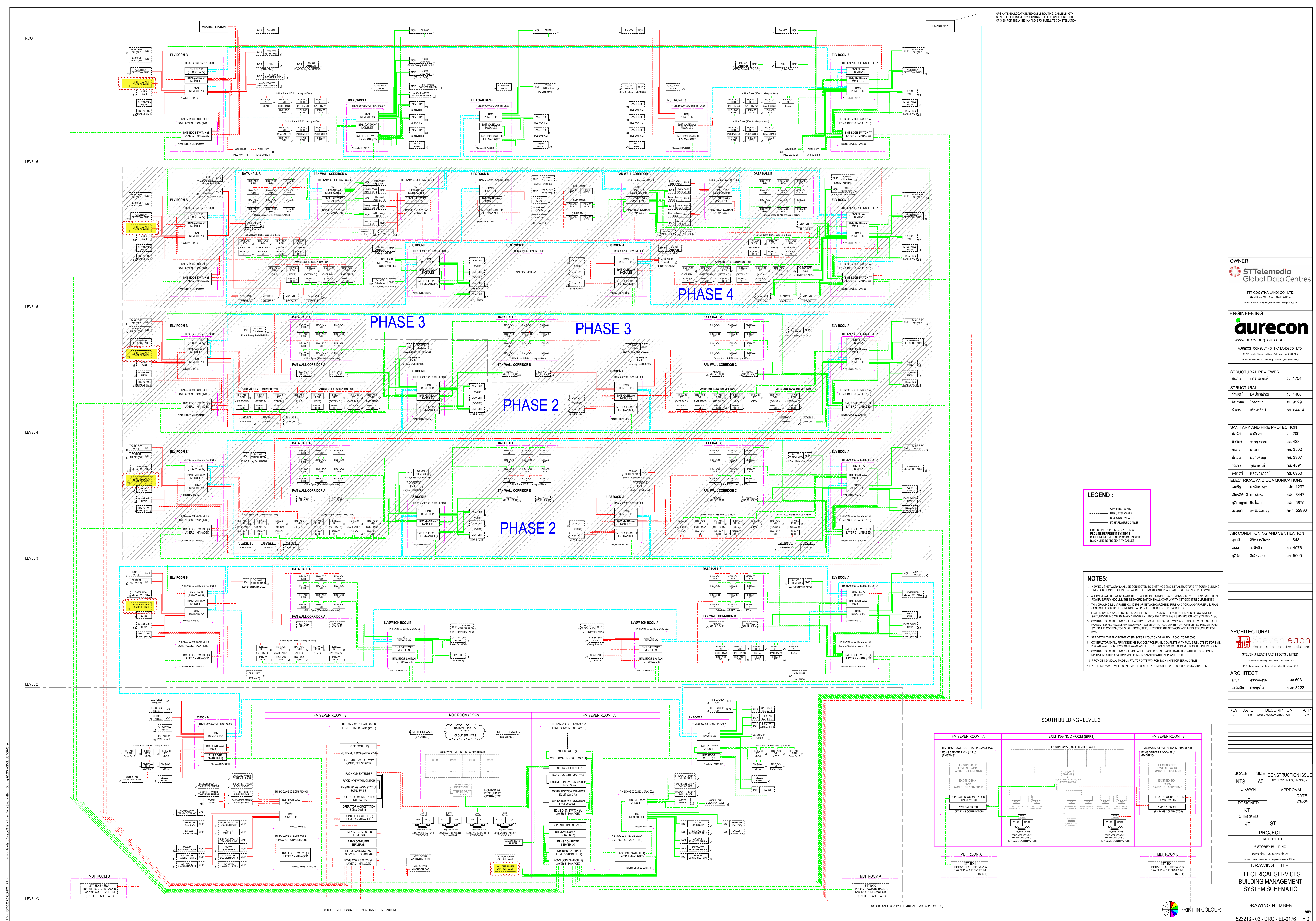
STEVEN J. LEACH ARCHITECTS LIMITED  
601 Mittrapha Office Tower, 21st Floor, Unit 2104-2107,  
Rama 4 Road, Wangmai, Pathumwan, Bangkok 10330

ARCHITECT	
วิวัฒน์ วัฒนศิริกุล	ร.ร. 603
วิวัฒน์ วัฒนศิริกุล	ร.ร. 3222

REV	DATE	DESCRIPTION	APP
1	17/10/25	ISSUED FOR CONSTRUCTION	CM

SCALE	SIZE	CONSTRUCTION ISSUE
NTS	A0	NOT FOR BMS SUBMISSION
DRAWING TITLE		APPROVAL DATE
PROJECT		17/10/25
6 STOREY BUILDING		
DRAWING NUMBER		
ELECTRICAL SERVICES		
AUTOMATIC FIRE DETECTION		
AND ALARM SYSTEM		
SCHEMATIC		
DRAWING NUMBER		
523213 - 02 - DRG - EL-0170		REV 0





OWNER  
**STTelemedia**  
Global Data Centres

STI QOC (THAILAND) CO., LTD.  
601 Wireless Office Tower, 21st Floor, Unit 2101-2107  
Rama 4 Road, Wangmai, Pathumwan, Bangkok 10330

ENGINEERING  
**aurecon**  
www.aurecongroup.com

AURECON CONSULTING (THAILAND) CO., LTD.  
88 Asia Capital Center Building, 21st Floor, Unit 2101-2107  
Ratchaprasong Road, Chongkriang, Bangkok 10330

STRUCTURAL REVIEWER	
สมชาย เจริญจันทร์	ร. 1754
STRUCTURAL	
วิวัฒน์ บัณฑิตกุล	ร. 1488
กัญญากร ไชยรัตน์	ร. 9229
อติชาต เจริญจันทร์	ร. 6414

SANITARY AND FIRE PROTECTION	
พิพัฒน์ เจริญจันทร์	ร. 209
ศิริพร บัณฑิตกุล	ร. 438
กัญญากร ไชยรัตน์	ร. 3502
อติชาต เจริญจันทร์	ร. 3907
วิวัฒน์ บัณฑิตกุล	ร. 4891
ELECTRICAL AND COMMUNICATIONS	
สมชาย เจริญจันทร์	ร. 1287
กัญญากร ไชยรัตน์	ร. 6447
อติชาต เจริญจันทร์	ร. 6875
วิวัฒน์ บัณฑิตกุล	ร. 52996

AIR CONDITIONING AND VENTILATION	
สมชาย เจริญจันทร์	ร. 848
กัญญากร ไชยรัตน์	ร. 4976
อติชาต เจริญจันทร์	ร. 5005

ARCHITECTURAL  
**Leach**  
Partners in creative solutions

STEVEN J. LEACH ARCHITECTS LIMITED  
10/101 Wireless Office Tower, 21st Floor, Unit 2101-2107  
Rama 4 Road, Wangmai, Pathumwan, Bangkok 10330

ARCHITECT	
วิวัฒน์ บัณฑิตกุล	ร. 603
อติชาต เจริญจันทร์	ร. 3222

REV	DATE	DESCRIPTION	APP
1	17/10/25	ISSUED FOR CONSTRUCTION	CM

SCALE	SIZE	CONSTRUCTION ISSUE
NTS	A0	NOT FOR BMS SUBMISSION
DRAWN		APPROVAL
TL	DESIGNED	DATE
KT	CHECKED	DATE
KT	ST	DATE
PROJECT		DRAWING TITLE
6 STOREY BUILDING		ELECTRICAL SERVICES BUILDING MANAGEMENT SYSTEM SCHEMATIC
DRAWING NUMBER		REV
523213 - 02 - DRG - EL-0176		0