

DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

NOTES:

- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

LEGEND

SYMBOL	DESCRIPTION
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	REPEATER PANEL
	ADDRESSABLE SMOKE DETECTOR
	SMOKE DUCT DETECTOR
	ADDRESSABLE HEAT DETECTOR
	ALARM SOUNDER STROBE
	MANUAL CALL POINT
	FIREMAN INTERCOM
	HORN SPEAKER
	CONTROL MODULE
	MONITOR MODULE
	SPRINKLER ZONE VALVE
	SPRINKLER FLOW SWITCH
	AIR HANDLING UNIT
	FIRE PUMP
	FIRE EXIT
	EXIT
	JUNCTION BOX / BACK BOX
	25φ CONDUIT(PVC)
	25φ CONDUIT(PVC) UP/DOWN

CABLE SCHEDULE

SYMBOL	DESCRIPTION
	2C x 1.5mm² FIRE RESISTANT CABLE FOR DETECTION IN 25φ CONDUIT (PVC)
	2C x 1.5mm² FIRE RESISTANT CABLE FOR FIREMAN INTERCOM IN 25φ CONDUIT (PVC)
	2C x 2.5mm² FIRE RESISTANT CABLE FOR FIRE ALARM STROBE & SOUNDERS 24V DC POWER IN 25φ CONDUIT (PVC)
	COMMUNICATION LINE FROM NIC
	24V DC

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

CONSULTANTS :

cec CENTRAL ENGINEERING CONSULTANCY BUREAU
Head Office
415, Bauddhaloka Mawatha,
Colombo 07, Sri Lanka.
Tel: 0094-11-2668800, Fax: 0094-11-2667369
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CONTRACTOR :

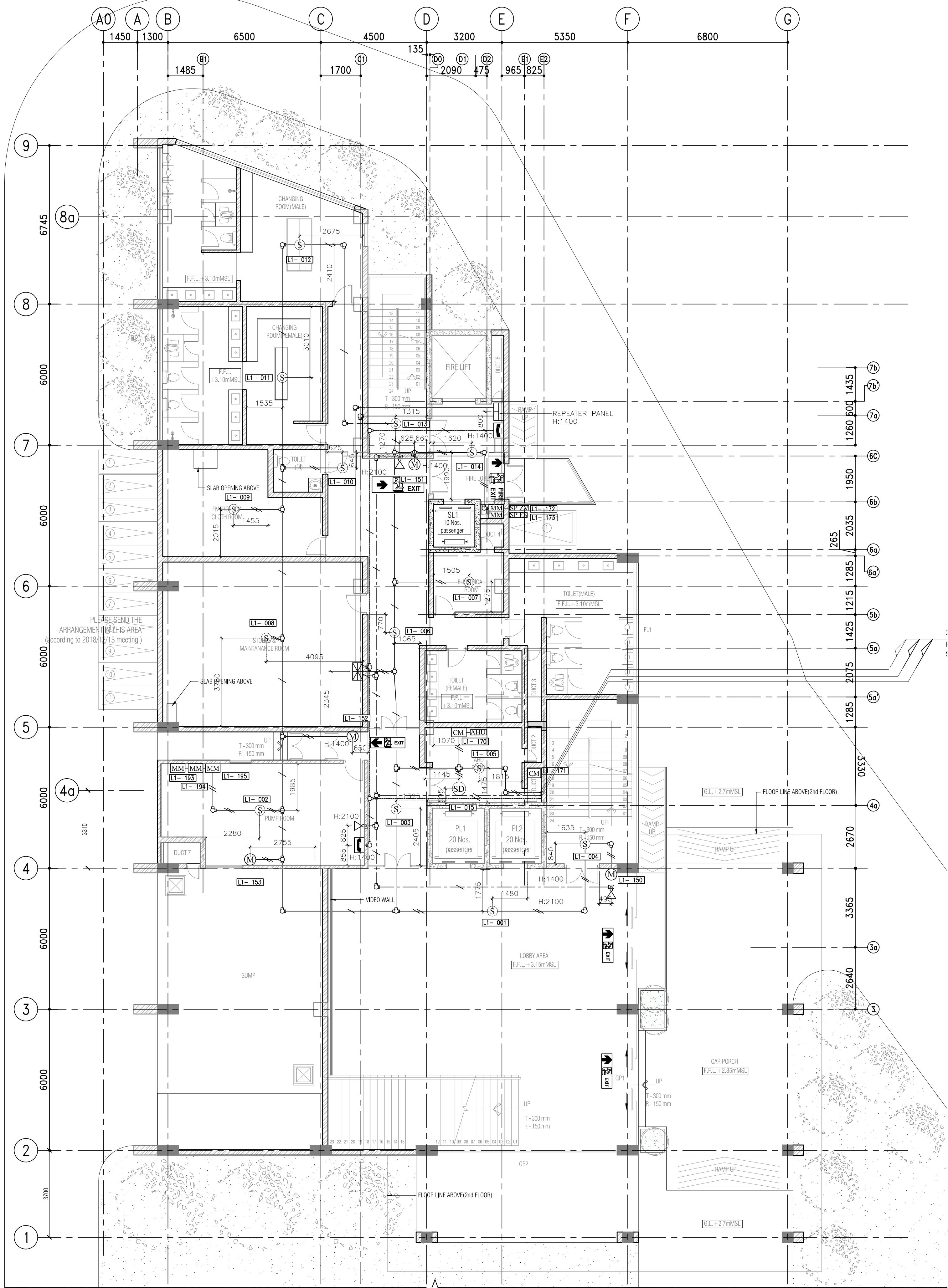
**SRI LANKA LAND DEVELOPMENT
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E mail : slsrlcd@slnet.lk web : www.landreclamation.lk

DRAWING TITLE :

FIRE DETECTION SYSTEM AT
GROUND FLOOR LEVEL

DRAWN :	CHECKED :
RECOMMND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25

DWG.NO	SHEET NO :
06/RTFCWMC/AB/102	



DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

NOTES:

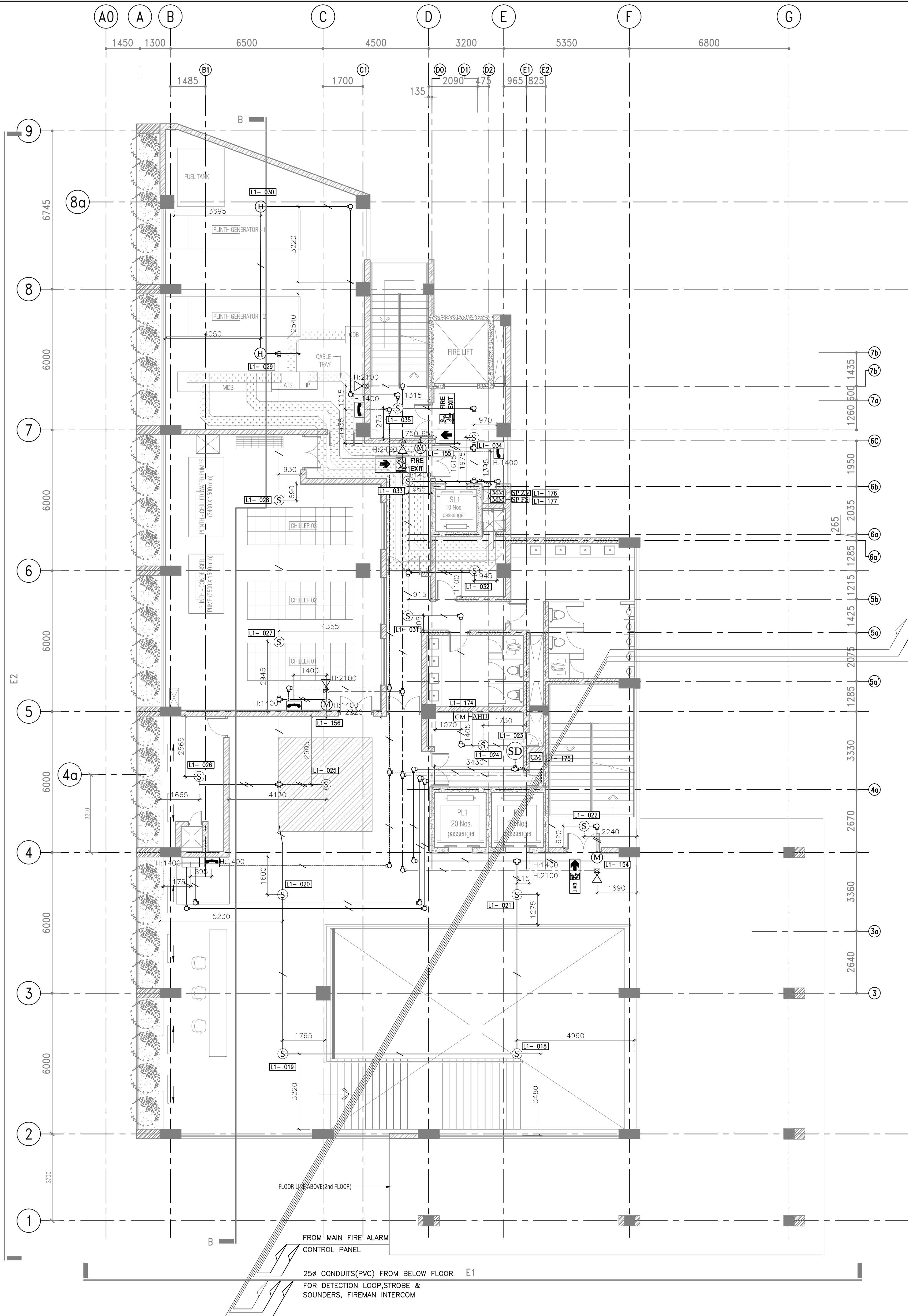
- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

LEGEND

SYMBOL	DESCRIPTION
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	REPEATER PANEL
	ADDRESSABLE SMOKE DETECTOR
	SMOKE DUCT DETECTOR
	ADDRESSABLE HEAT DETECTOR
	ALARM SOUNDER STROBE
	MANUAL CALL POINT
	FIREMAN INTERCOM
	HORN SPEAKER
	CONTROL MODULE
	MONITOR MODULE
	SPRINKLER ZONE VALVE
	SPRINKLER FLOW SWITCH
	AIR HANDLING UNIT
	FIRE PUMP
	FIRE EXIT
	EXIT
	JUNCTION BOX / BACK BOX
	25# CONDUIT(PVC)
	25# CONDUIT(PVC) UP/DOWN

CABLE SCHEDULE

SYMBOL	DESCRIPTION
	2x1.5mm² FIRE RESISTANT CABLE FOR DETECTION IN 25# CONDUIT (PVC)
	2x2x1.5mm² FIRE RESISTANT CABLE FOR FIREMAN INTERCOM IN 25# CONDUIT (PVC)
	2x2x1.5mm² FIRE RESISTANT CABLE FOR FIRE ALARM STROBE & SOUNDER 24V DC POWER IN 25# CONDUIT (PVC)
	COMMUNICATION LINE FROM NIC
	24V DC



AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

CONSULTANTS :

cec CENTRAL ENGINEERING CONSULTANCY BUREAU
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DRAWING TITLE :

FIRE DETECTION SYSTEM AT
FIRST FLOOR LEVEL

DRAWN :	CHECKED :
RECOMMND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25

DWG.NO

06/RTFCWMC/AB/103

SHEET NO :

DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

NOTES:

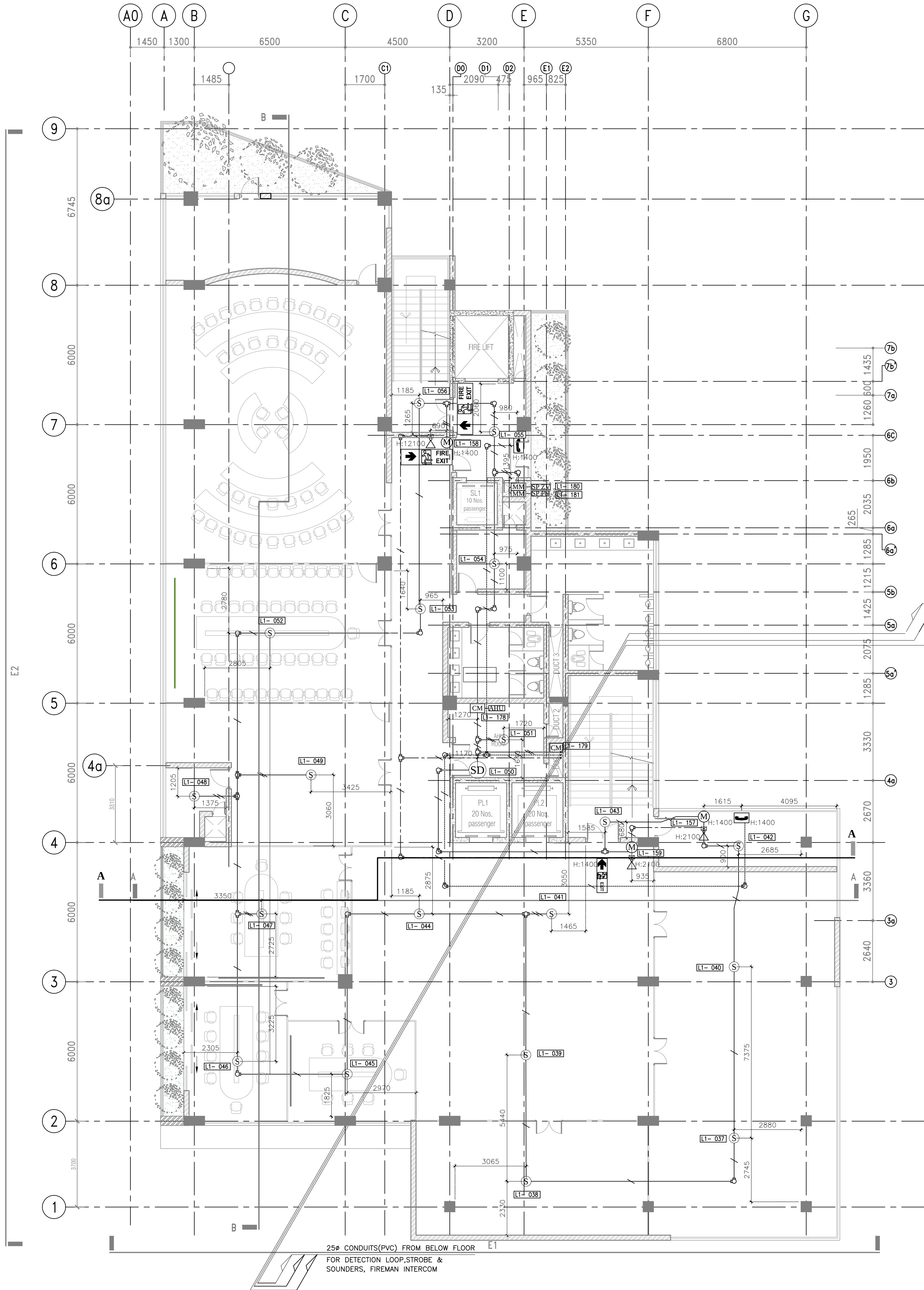
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LEGEND

SYMBOL	DESCRIPTION
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	REPEATER PANEL
	ADDRESSABLE SMOKE DETECTOR
	SMOKE DUCT DETECTOR
	ADDRESSABLE HEAT DETECTOR
	ALARM SOUNDER STROBE
	MANUAL CALL POINT
	FIREMAN INTERCOM
	HORN SPEAKER
	CONTROL MODULE
	MONITOR MODULE
	SPRINKLER ZONE VALVE
	SPRINKLER FLOW SWITCH
	AIR HANDLING UNIT
	FIRE PUMP
	FIRE EXIT
	EXIT
	JUNCTION BOX / BACK BOX
	25mm CONDUIT(PVC)
	25mm CONDUIT(PVC) UP/DOWN

CABLE SCHEDULE

SYMBOL	DESCRIPTION
	2x1.5mm² FIRE RESISTANT CABLE FOR DETECTION IN 25mm CONDUIT (PVC)
	2x2x1.5mm² FIRE RESISTANT CABLE FOR FIREMAN INTERCOM IN 25mm CONDUIT (PVC)
	2x2.5mm² FIRE RESISTANT CABLE FOR FIRE ALARM STROBE & SOUNDERS 24V DC POWER IN 25mm CONDUIT (PVC)
	COMMUNICATION LINE FROM NIC
	24V DC



AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

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CONTRACTOR :

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DRAWING TITLE :

FIRE DETECTION SYSTEM AT
SECOND FLOOR LEVEL

DRAWN :	CHECKED :
RECOMMND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25
DWG NO 06/RTFCWMC/AB/104	SHEET NO :

DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

**REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA**

NOTES:

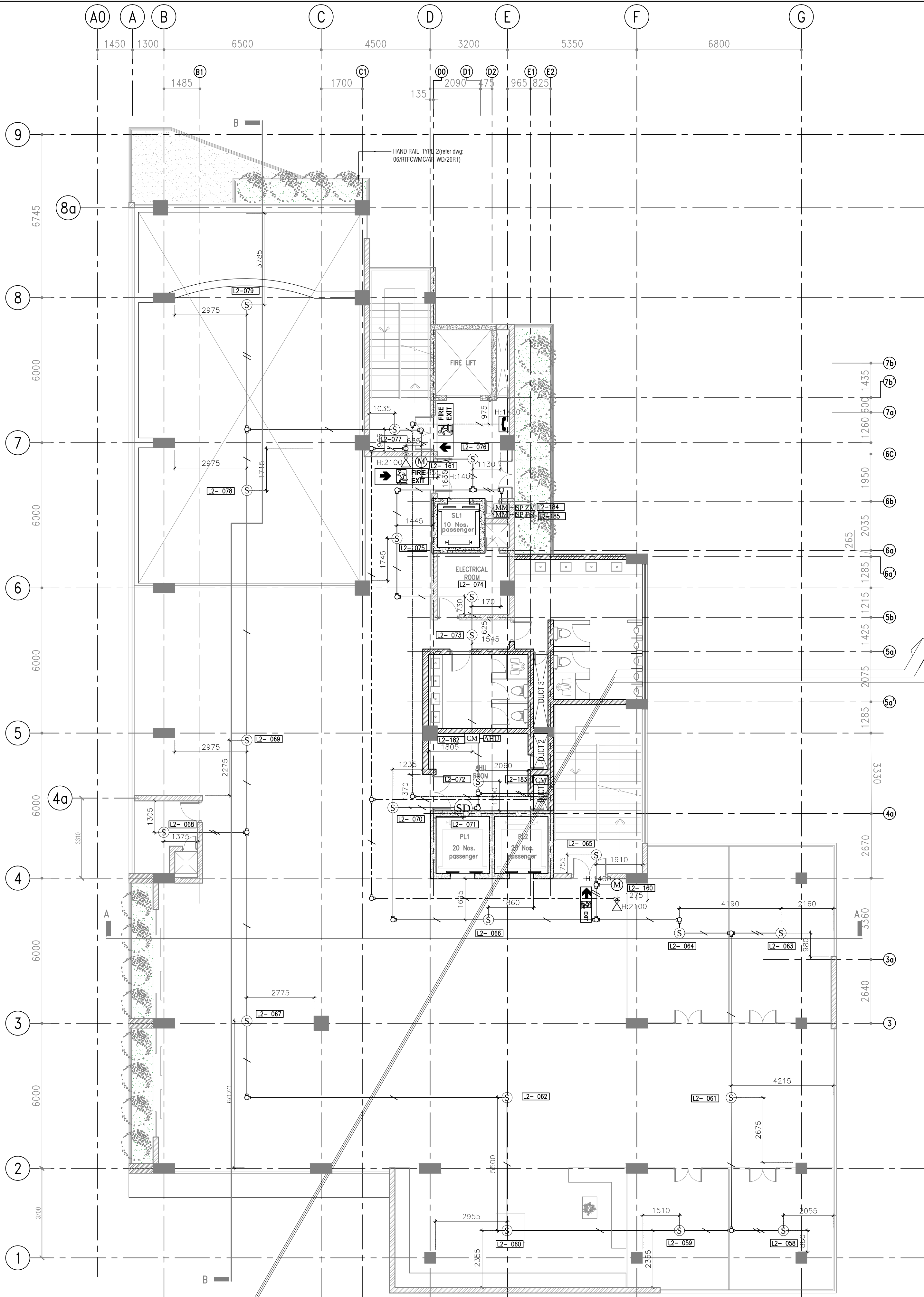
- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

LEGEND

SYMBOL	DESCRIPTION
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	REPEATER PANEL
	ADDRESSABLE SMOKE DETECTOR
	SMOKE DUCT DETECTOR
	ADDRESSABLE HEAT DETECTOR
	ALARM SOUNDER STROBE
	MANUAL CALL POINT
	FIREMAN INTERCOM
	HORN SPEAKER
	CONTROL MODULE
	MONITOR MODULE
	SPRINKLER ZONE VALVE
	SPRINKLER FLOW SWITCH
	AIR HANDLING UNIT
	FIRE PUMP
	FIRE EXIT
	EXIT
	JUNCTION BOX / BACK BOX
	25# CONDUIT(PVC)
	25# CONDUIT(PVC) UP/DOWN

CABLE SCHEDULE

SYMBOL	DESCRIPTION
	20x1.5mm² FIRE RESISTANT CABLE FOR DETECTION IN 25# CONDUIT (PVC)
	20x2x1.5mm² FIRE RESISTANT CABLE FOR FIREMAN INTERCOM IN 25# CONDUIT (PVC)
	20x2.5mm² FIRE RESISTANT CABLE FOR FIRE ALARM STROBE & SOUNDERS 24V DC POWER IN 25# CONDUIT (PVC)
	COMMUNICATION LINE FROM NIC
	24V DC



25# CONDUITS(PVC) TO UPPER FLOOR
FOR DETECTION LOOP,STROBE &
SOUNDERS, FIREMAN INTERCOM,

25# CONDUITS(PVC) FROM BELOW FLOOR
FOR DETECTION LOOP,STROBE &
SOUNDERS, FIREMAN INTERCOM

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

**MINISTRY OF URBAN DEVELOPMENT AND
HOUSING**

CONSULTANTS :

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DRAWING TITLE :

**FIRE DETECTION SYSTEM AT
THIRD FLOOR LEVEL**

DRAWN :	CHECKED :
RECOMMEND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25

DWG.NO

06/RTFCWMC/AB/105

SHEET NO :

DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

**REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA**

NOTES:

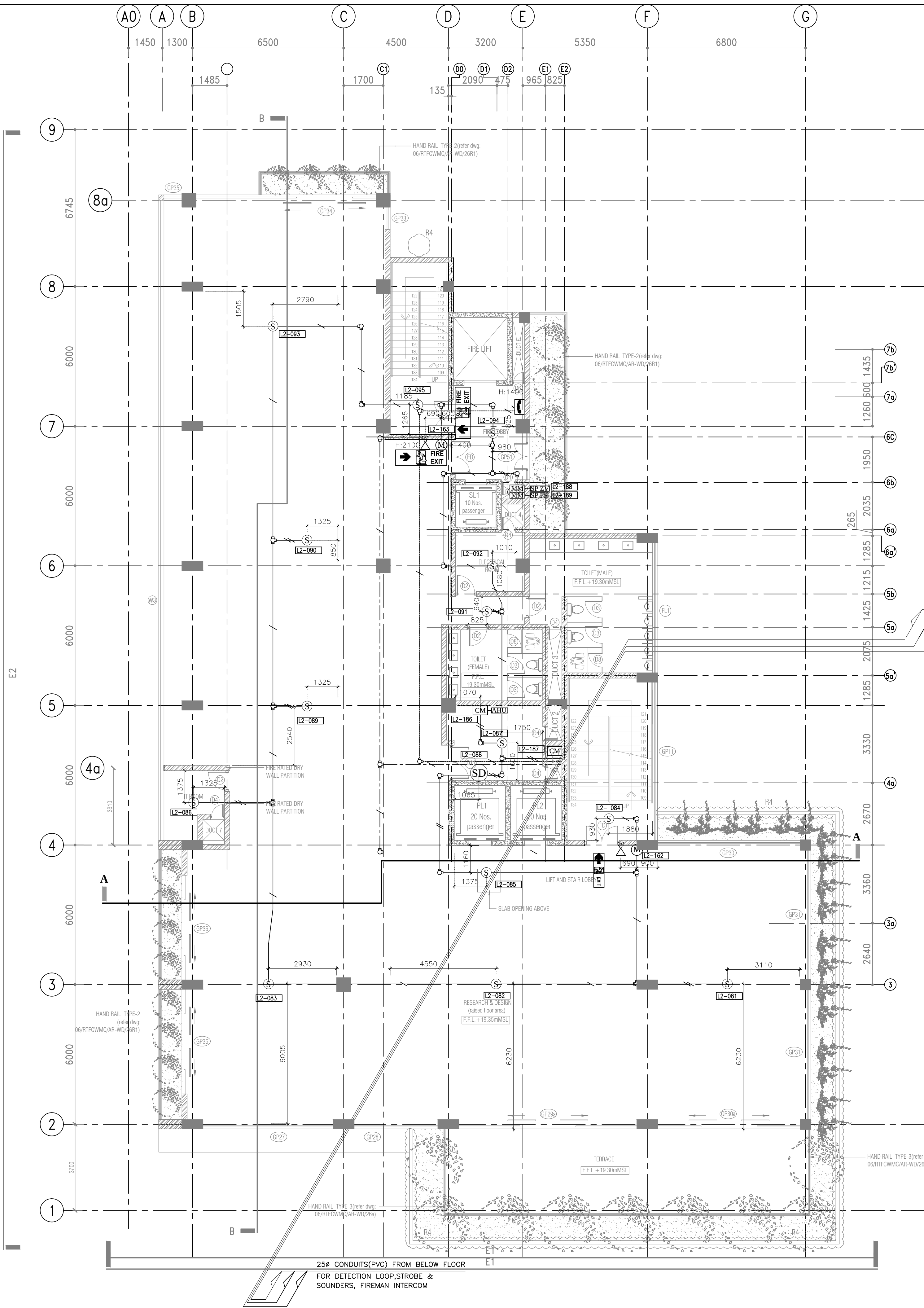
- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

LEGEND

SYMBOL	DESCRIPTION
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	REPEATER PANEL
	ADDRESSABLE SMOKE DETECTOR
	SMOKE DUCT DETECTOR
	ADDRESSABLE HEAT DETECTOR
	ALARM SOUNDER STROBE
	MANUAL CALL POINT
	FIREMAN INTERCOM
	HORN SPEAKER
	CONTROL MODULE
	MONITOR MODULE
	SPRINKLER ZONE VALVE
	SPRINKLER FLOW SWITCH
	AIR HANDLING UNIT
	FIRE PUMP
	FIRE EXIT
	EXIT
	JUNCTION BOX / BACK BOX
	25mm CONDUIT(PVC)
	25mm CONDUIT(PVC) UP/DOWN

CABLE SCHEDULE

SYMBOL	DESCRIPTION
	2C x 1.5mm² FIRE RESISTANT CABLE FOR DETECTION IN 25mm CONDUIT (PVC)
	2C x 0.15mm² FIRE RESISTANT CABLE FOR FIREMAN INTERCOM IN 25mm CONDUIT (PVC)
	2C x 2.5mm² FIRE RESISTANT CABLE FOR FIRE ALARM STROBE & SOUNDERS 24V DC POWER IN 25mm CONDUIT (PVC)
	COMMUNICATION LINE FROM NIC
	24V DC



25mm CONDUITS(PVC) TO UPPER FLOOR
FOR DETECTION LOOP,STROBE &
SOUNDERS, FIREMAN INTERCOM,

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

**MINISTRY OF URBAN DEVELOPMENT AND
HOUSING**

CONSULTANTS :

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DRAWING TITLE :

**FIRE DETECTION SYSTEM AT
FOURTH FLOOR LEVEL**

DRAWN :	CHECKED :
RECOMMEND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25
DWG NO 06/RTFCWMC/AB/106	SHEET NO :

DRAWING TYPE :
AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

NOTES:

- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

LEGEND

SYMBOL	DESCRIPTION
	ADDRESSABLE FIRE ALARM CONTROL PANEL
	REPEATER PANEL
	ADDRESSABLE SMOKE DETECTOR
	SMOKE DUCT DETECTOR
	ADDRESSABLE HEAT DETECTOR
	ALARM SOUNDER STROBE
	MANUAL CALL POINT
	FIREMAN INTERCOM
	HORN SPEAKER
	CONTROL MODULE
	MONITOR MODULE
	SPRINKLER ZONE VALVE
	SPRINKLER FLOW SWITCH
	AIR HANDLING UNIT
	FIRE PUMP
	FIRE EXIT
	EXIT
	JUNCTION BOX / BACK BOX
	25mm CONDUIT(PVC)
	25mm CONDUIT(PVC) UP/DOWN

CABLE SCHEDULE

SYMBOL	DESCRIPTION
	20x1.5mm² FIRE RESISTANT CABLE FOR DETECTION IN 25mm CONDUIT (PVC)
	20x2x1.5mm² FIRE RESISTANT CABLE FOR FIREMAN INTERCOM IN 25mm CONDUIT (PVC)
	20x2.5mm² FIRE RESISTANT CABLE FOR FIRE ALARM STROBE & SOUNDERS 24V DC POWER IN 25mm CONDUIT (PVC)
	COMMUNICATION LINE FROM NIC
	24V DC

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

CONSULTANTS :

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DRAWING TITLE :

FIRE DETECTION SYSTEM AT
FIFTH FLOOR LEVEL

DRAWN :	CHECKED :
RECOMMEND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25
DWG.NO 06/RTFCWMC/AB/107	SHEET NO :

DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRMANDALA MAWATHA

NOTES:

- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

AS BUILT DRAWING

REV CHECKED DATE APPROVED DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

CONSULTANTS :

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CONTRACTOR :

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DRAWING TITLE :

FIRE PROTECTION SYSTEM AT
GROUND FLOOR LEVEL

DRAWN : CHECKED :

RECOMM : APPROVED :

SCALE : AS SHOWN DATE : 2022-10-25

DWG.NO: SHEET NO :

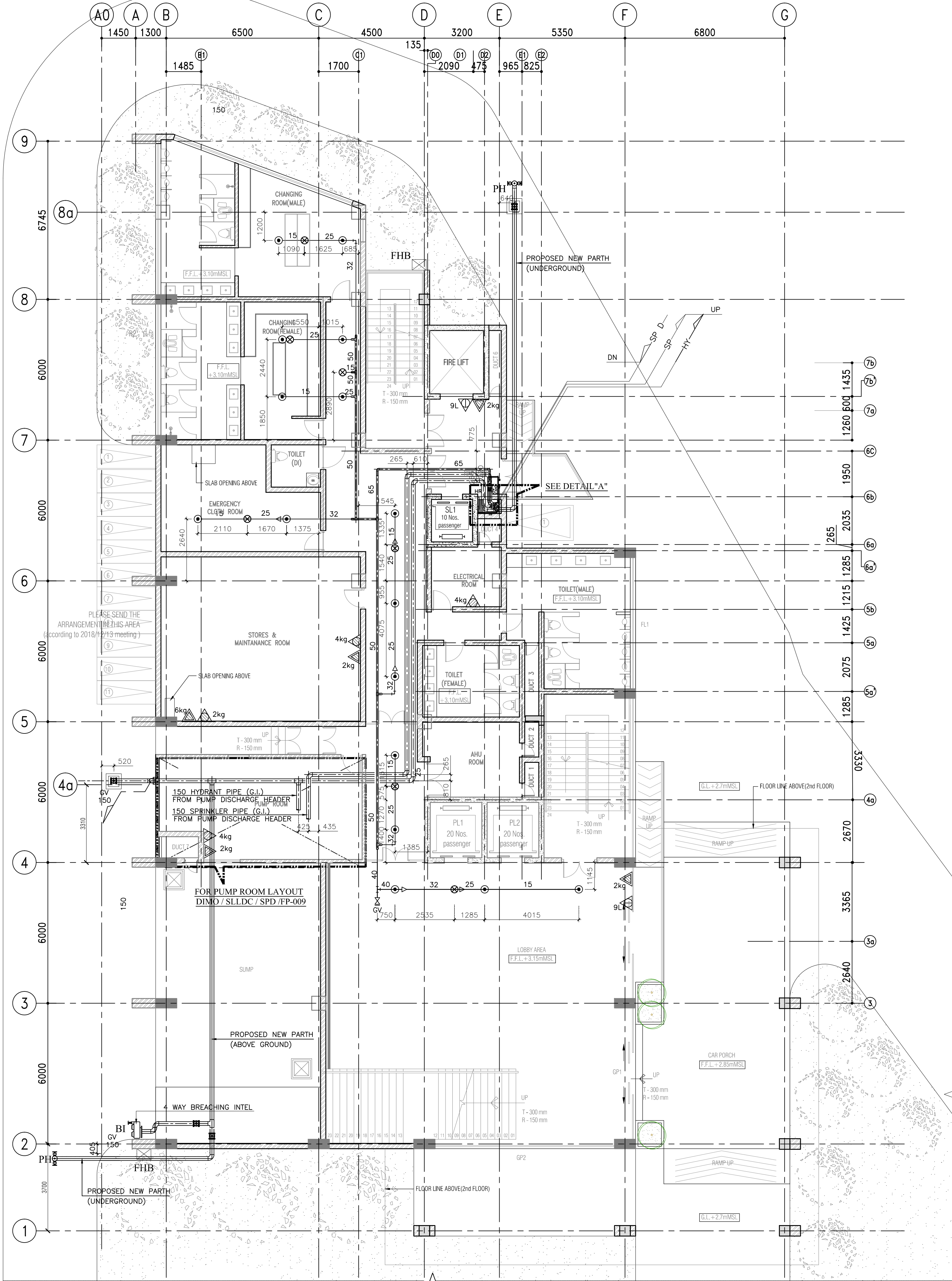
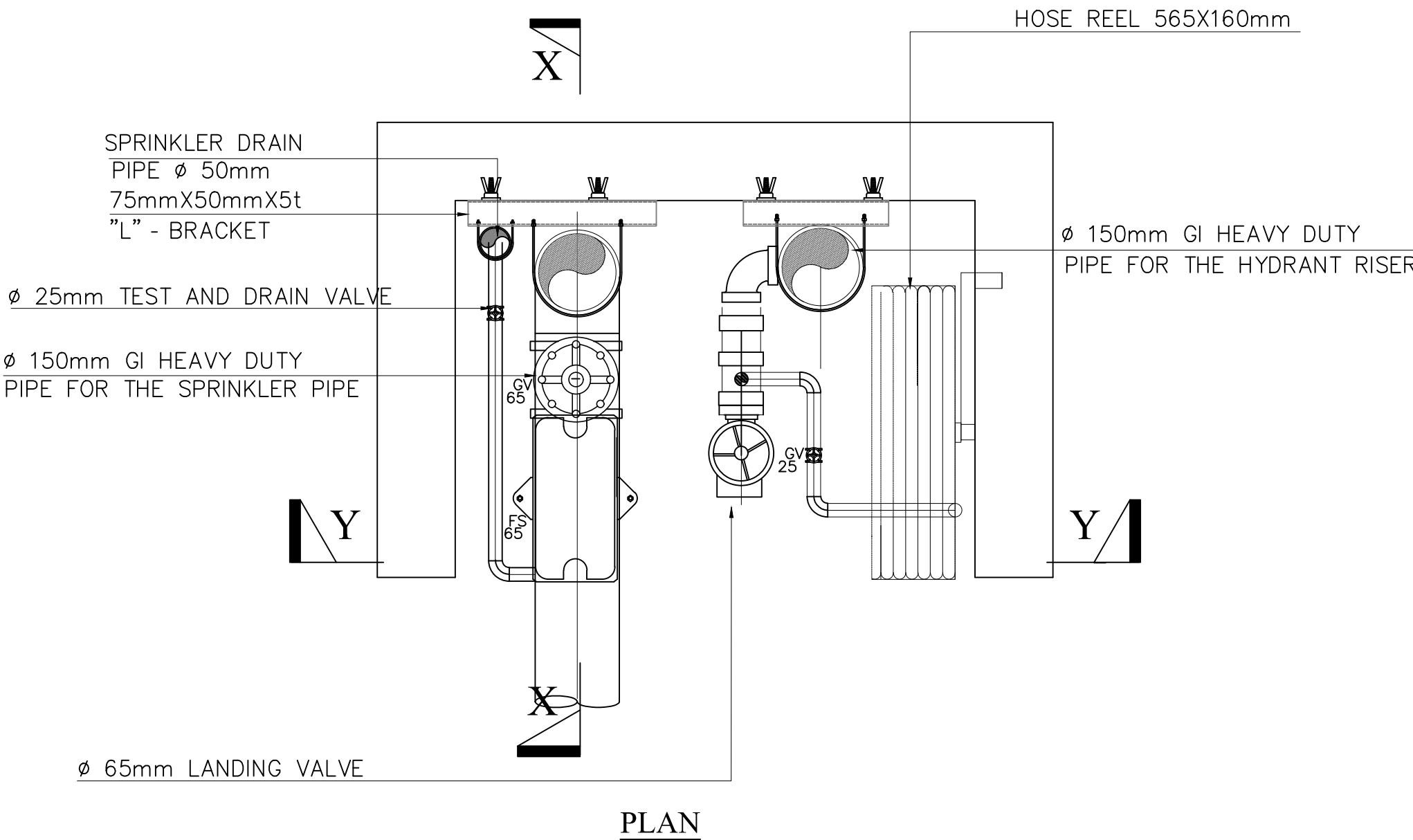
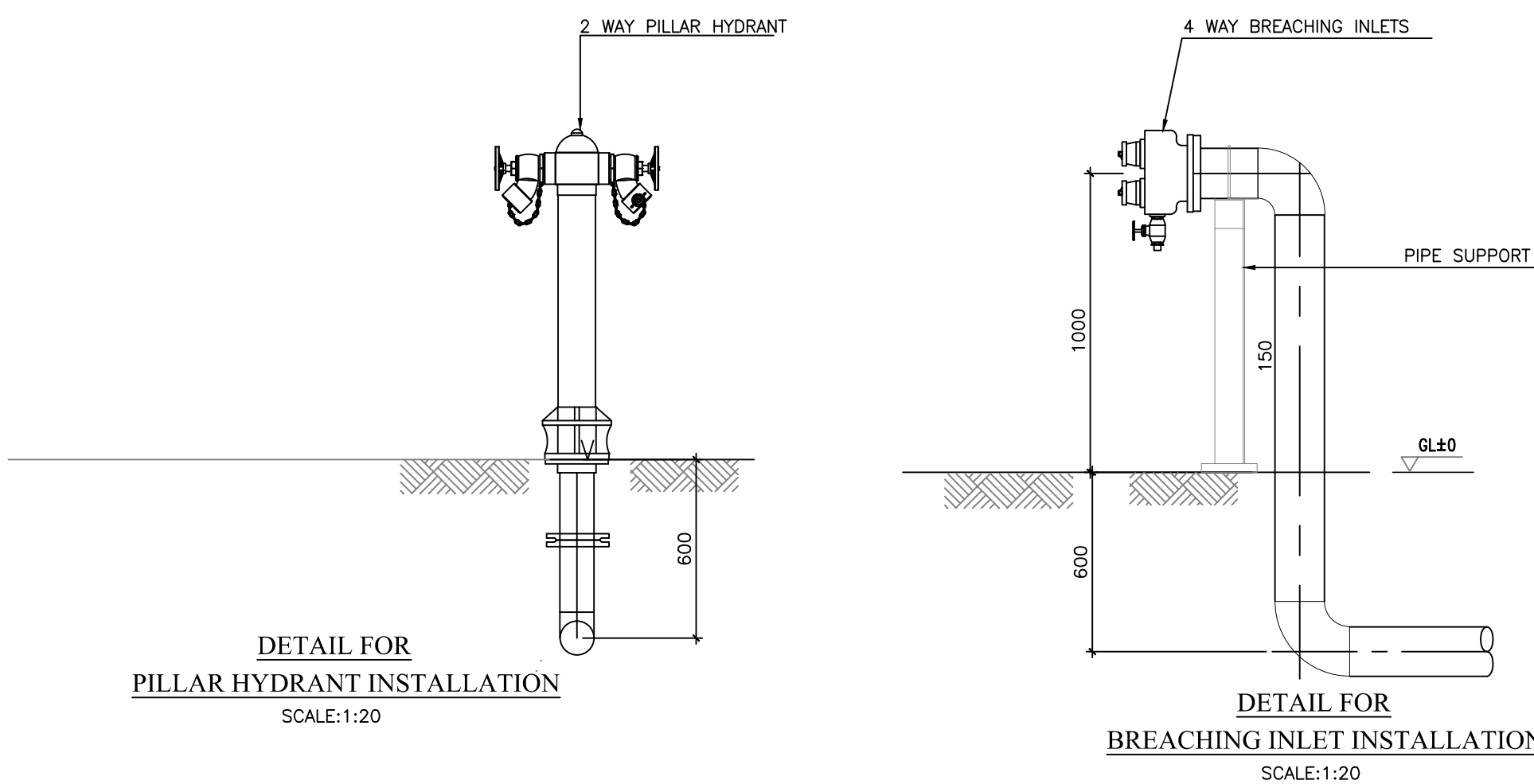
06/RTFCWMC/AB/108

FIRE HYDRANT LEGEND

SYMBOL	DESCRIPTION
	PENDANT SPRINKLER
	UPRIGHT SPRINKLER
	FIRE CABINET WITH 19#x30m HOSEREEL
	FIRE HOSE BOX
	4 WAY BREACHING INLET
	100# 2 WAY PILLAR HYDRANT
	9L WATER PORTABLE FIRE EXTINGUISHER
	2kg. CO2 PORTABLE FIRE EXTINGUISHER
	6kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER
	4kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

ABBREVIATIONS

PG - PRESSURE GAUGE
NRV - NONE RETURN VALVE
SG - SIGHT GLASS
GV - GATE VALVE
FS - FLOW SWITCH
PH - PILLAR HYDRANT
BI - BREACHING INLET



AS BUILT DRAWING

**REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA**

- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

REV	CHECKED	DATE	APPROVED	DATE

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

cec CENTRAL ENGINEERING CONSULTANCY BUREAU

Head Office

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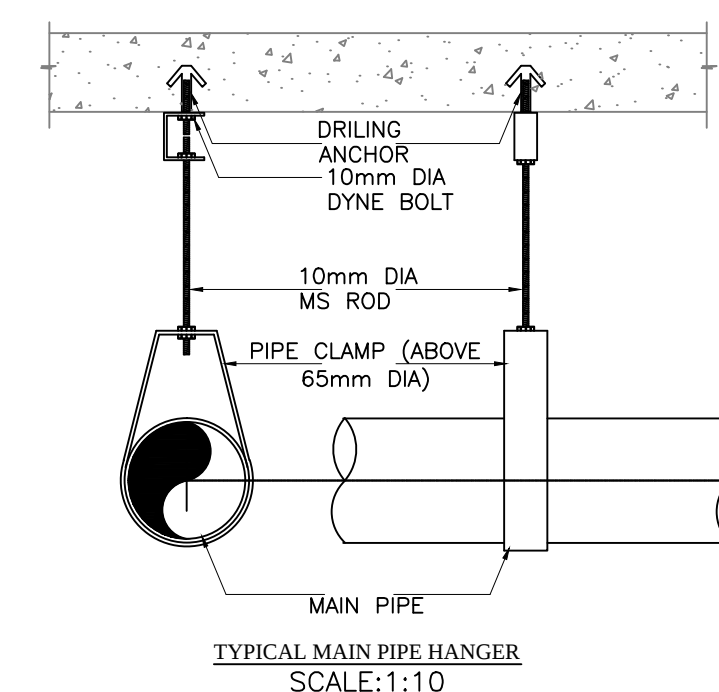
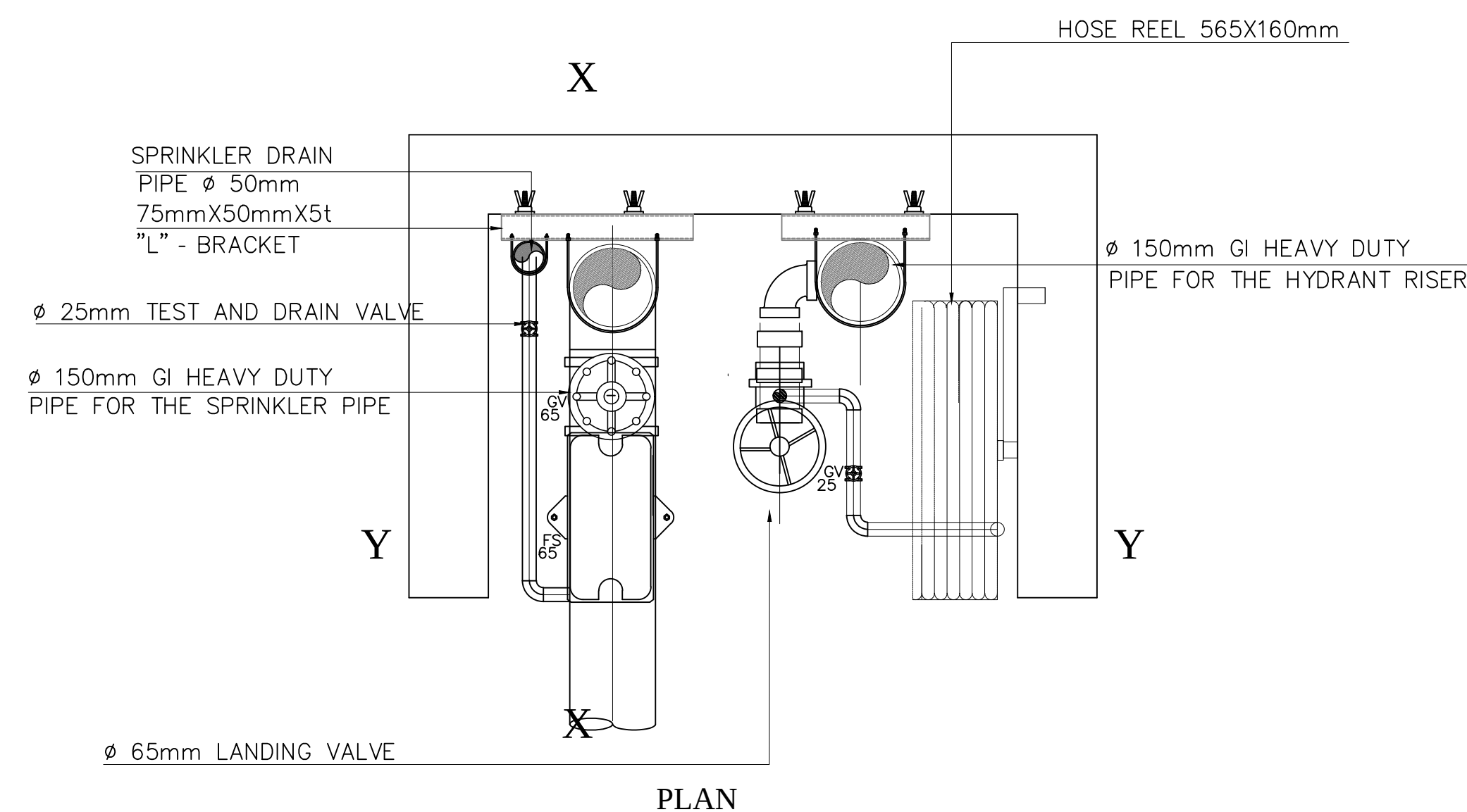
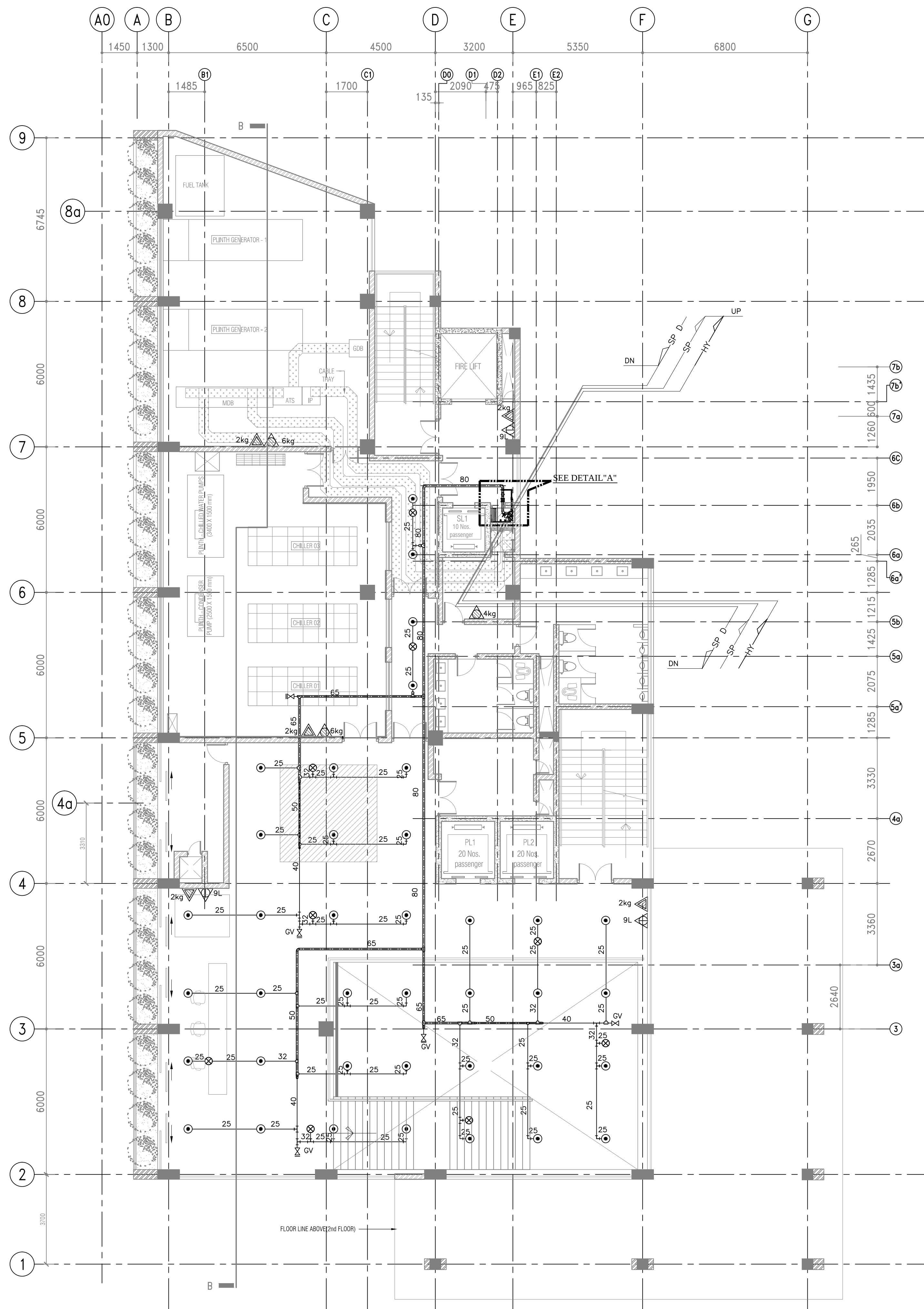
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FIRE PROTECTION SYSTEM AT FIRST FLOOR LEVEL

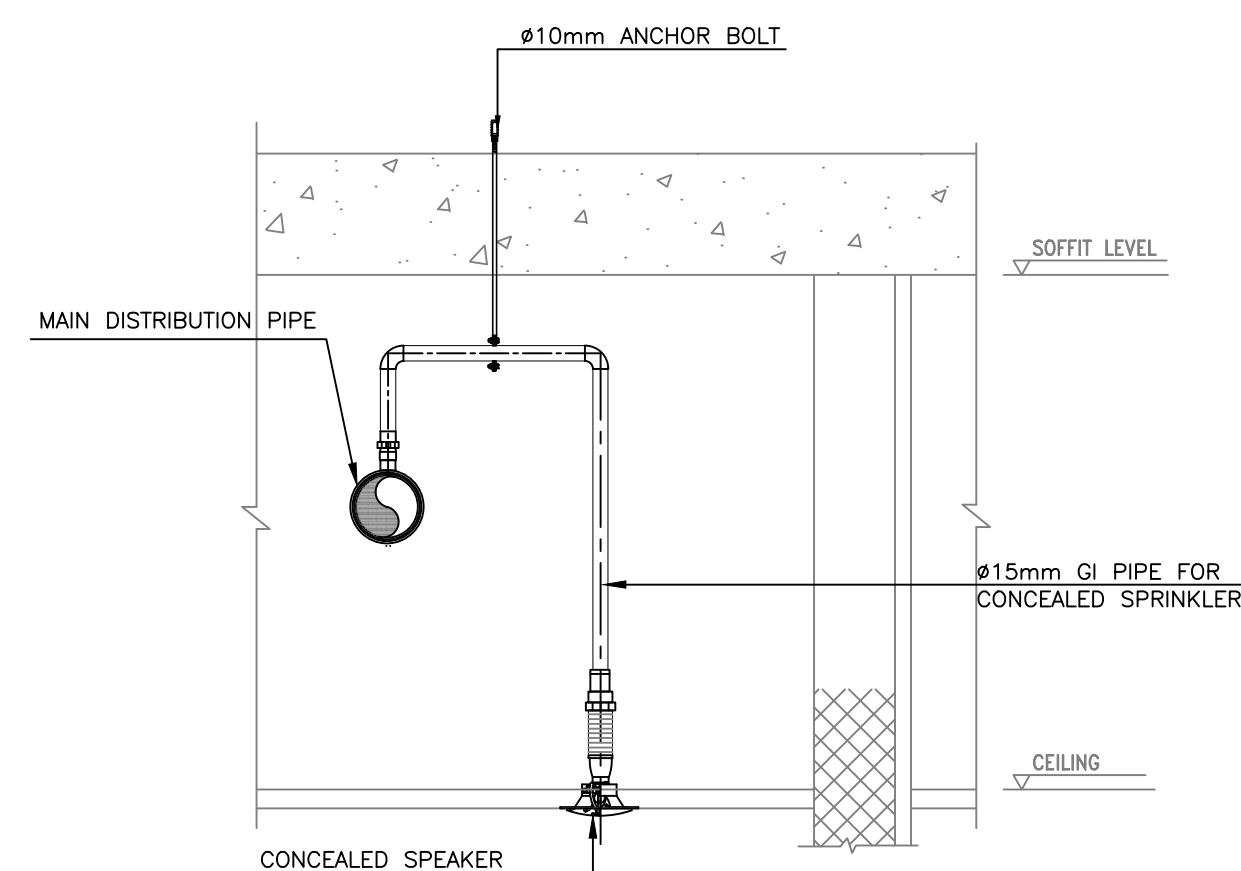
SCALE : AS SHOWN	DATE : 2022-10-25
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DWG.NO	SHEET NO :
06/RTFCWMC/AB/109	

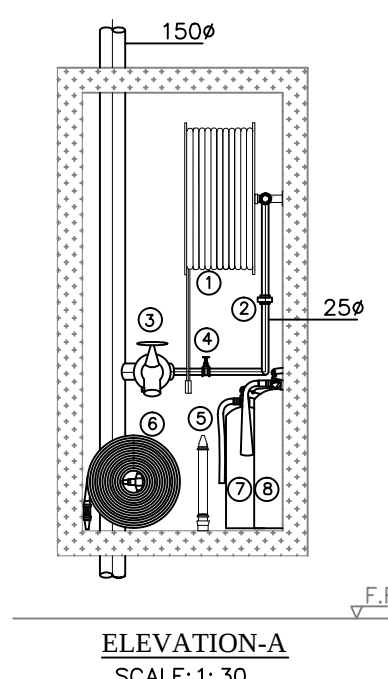


LEGEND	
SYMBOL	DESCRIPTION
	CEILING CONCEALED SPRINKLER
	UPRIGHT SPRINKLER
	FIRE CABINET WITH 19øx45m HOSEROLL
	9L WATER WATER PORTABLE FIRE EXTINGUISHER
	2kg. CO2 PORTABLE FIRE EXTINGUISHER
	6kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER
	4kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

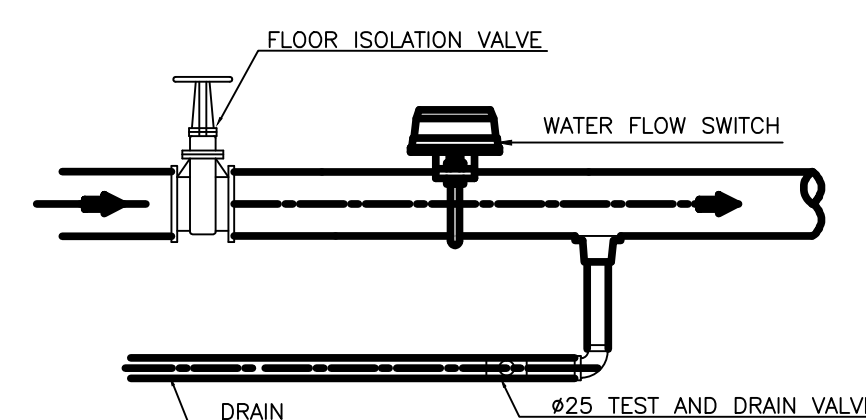
PG — PRESSURE GAUGE
NRV — NONE RETURN VALVE
SG — SIGHT GLASS
GV — GATE VALVE
FS — FLOW SWITCH
PH — PILLAR HYDRANT
BI — BREACHING INLET
PRV — PRESSURE REDUCING VALVE
BC — BALL COCK VALVE



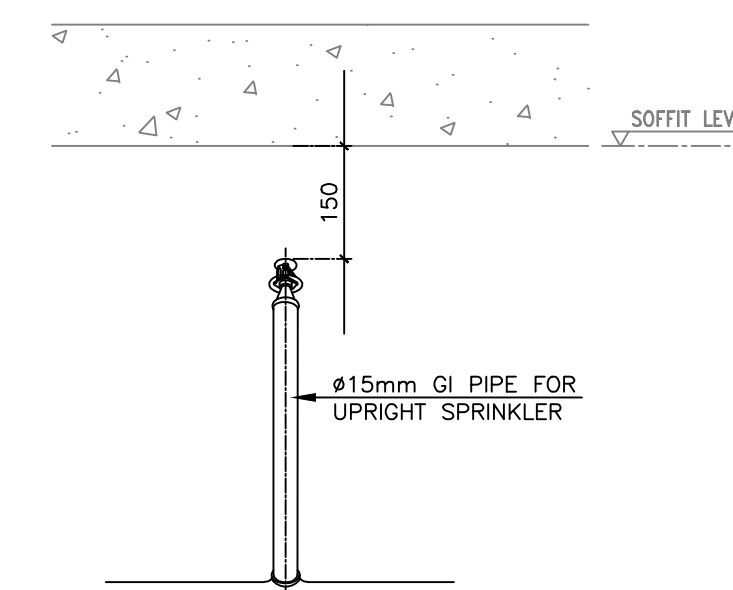
TYPICAL DETAIL FOR
CONCEALED SPRINKLER INSTALLATION
SCALE: 1:10



- ① HOSEREEL 190mm, LENGTH 45m AND JET/SPRAY/SHUT-OFF NOZZLE
- ② UNION 250mm
- ③ PRESSURE REGULATING LANDING VALVE 650mm
- ④ STOP VALVE 250mm
- ⑤ JET/SPRAY DIFFUSER NOZZLE WITH BRANCH PIPE ,INLET 650mm
- ⑥ FIRE HOSE 650m, LENGTH 15m×3
- ⑦ WATER/CO FIRE2EXTINGUISHER-9 LITRE
- ⑧ CO2 FIRE EXTINGUISHER-3 Kg



FLOOR CONTROL VALVE ASSEMBLY
SCALE: 1: 20



TYPICAL DETAIL FOR
UPRIGHT SPRINKLER INSTALLATION
SCALE:1:10

DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

NOTES:

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- ALL DIMENSIONS ARE IN MILLIMETERS.

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

CONSULTANTS :

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E-Mail: cec@all.lk

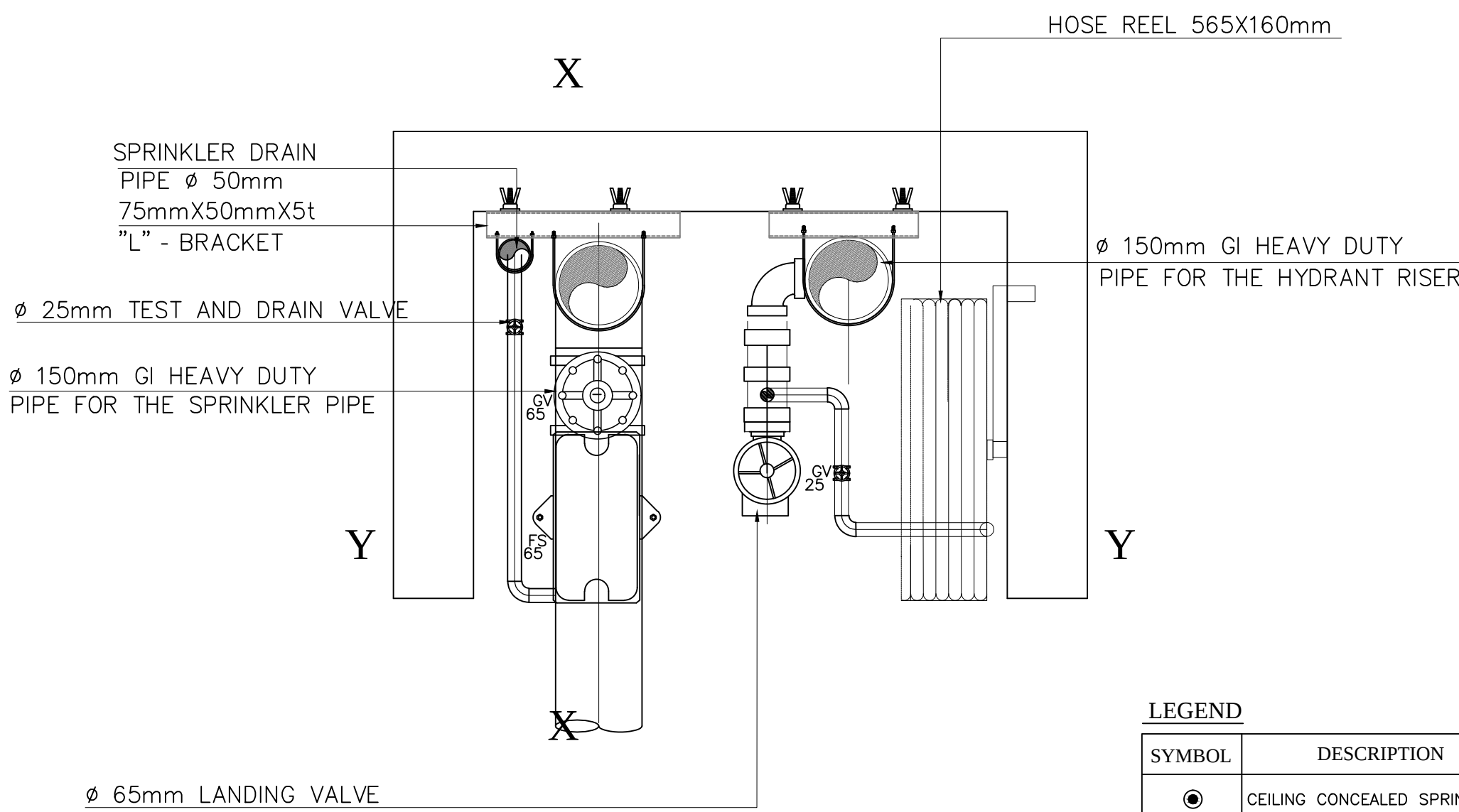
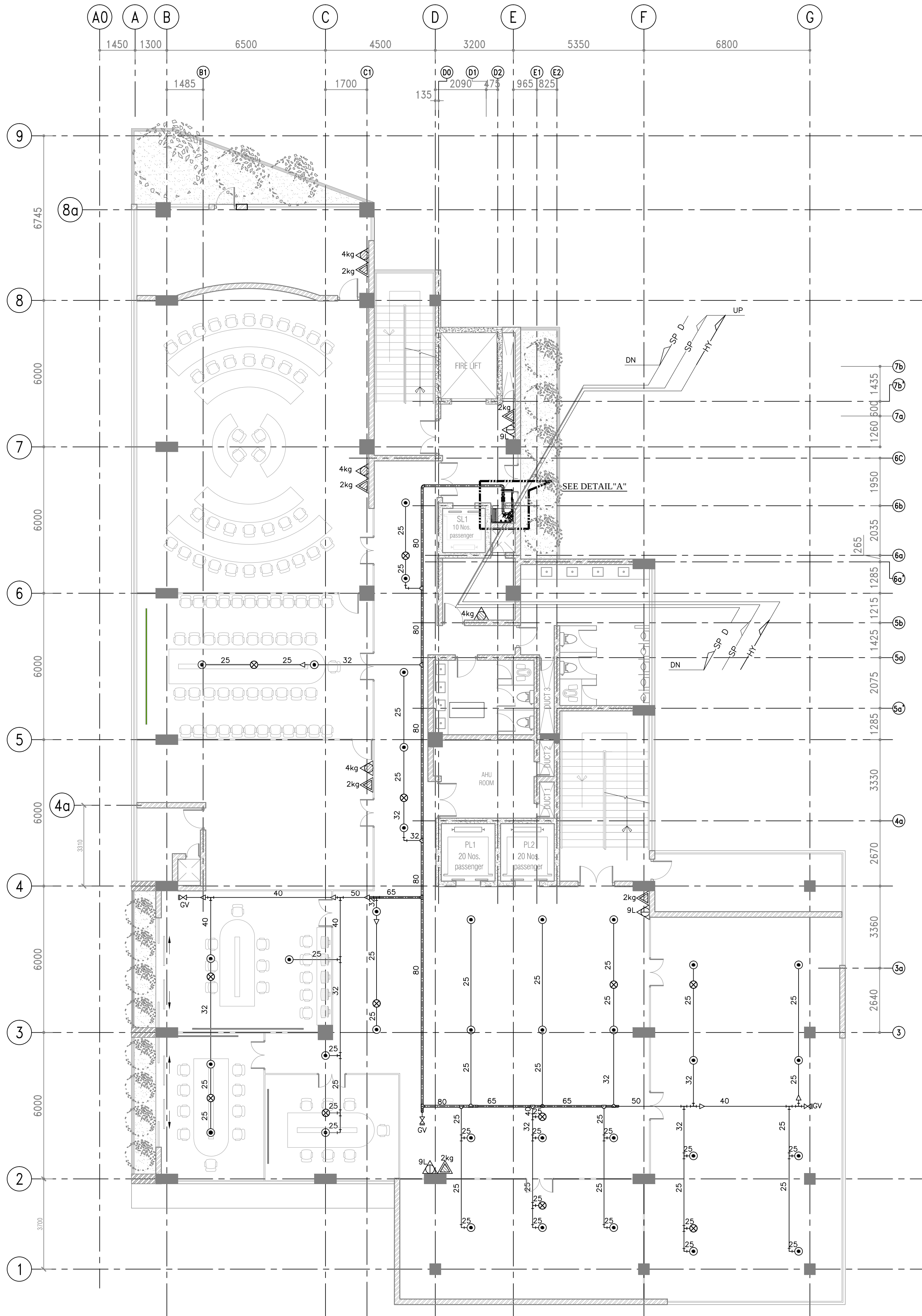
CONTRACTOR :

**SRI LANKA LAND DEVELOPMENT
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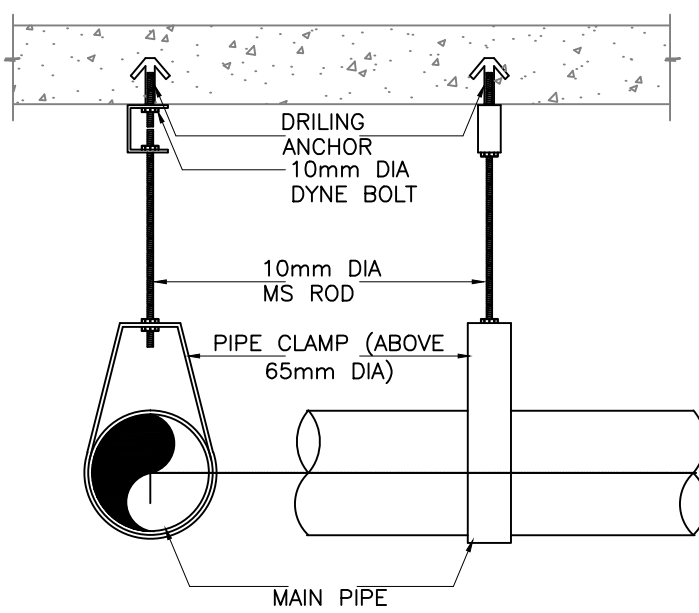
DRAWING TITLE :

FIRE PROTECTION SYSTEM AT
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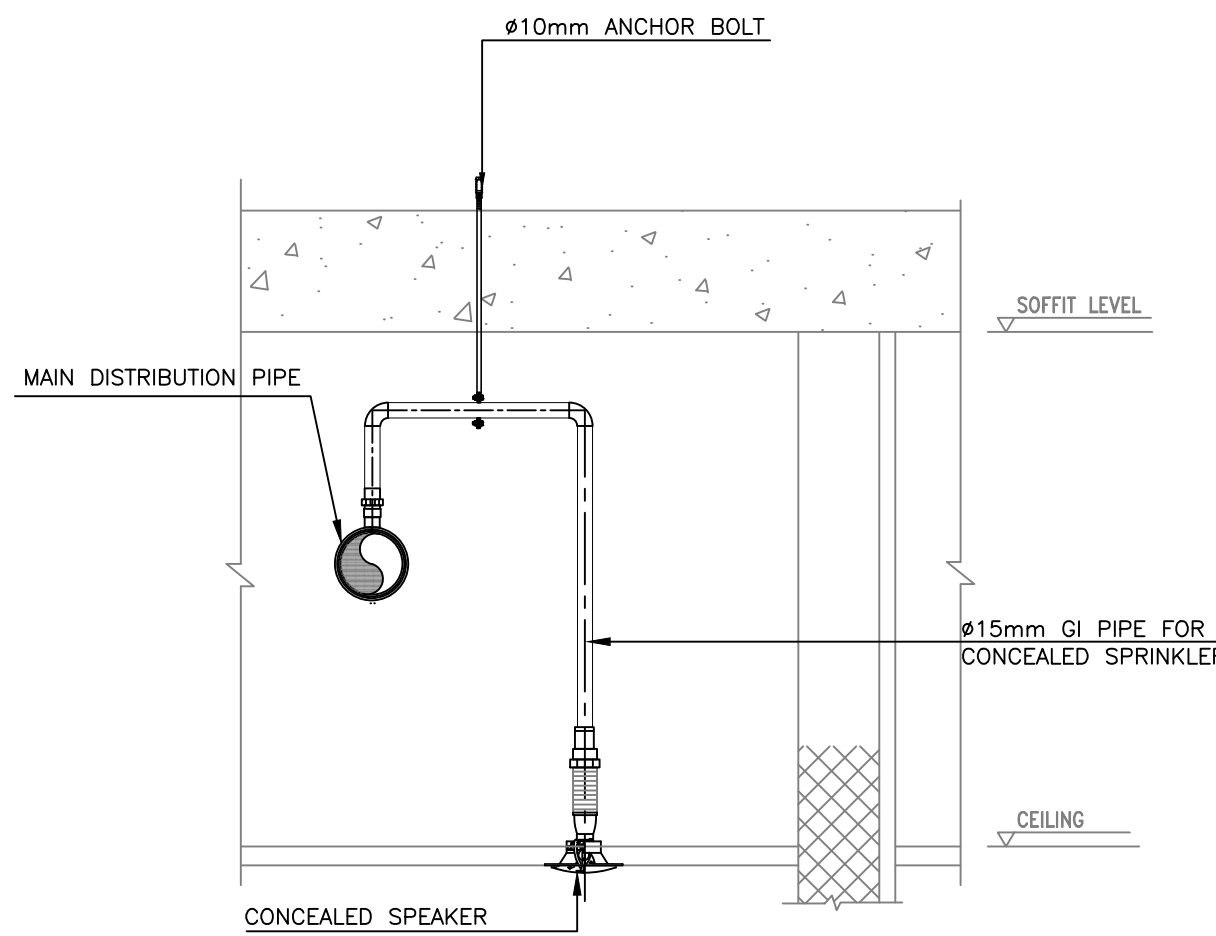
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RECOMMND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25
DWG.NO 06/RTFCWMC/AB/110	SHEET NO :



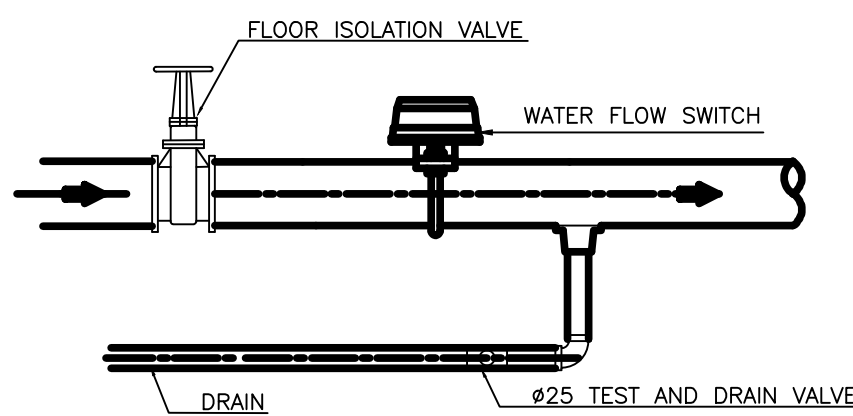
PLAN



TYPICAL MAIN PIPE HANGER
SCALE: 1:10



TYPICAL DETAIL FOR
CONCEALED SPRINKLER INSTALLATION
SCALE: 1:10



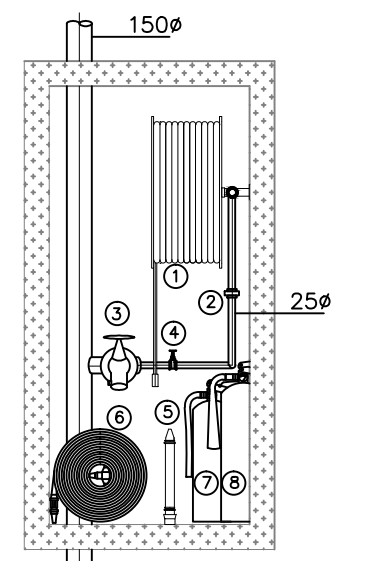
FLOOR CONTROL VALVE ASSEMBLY
SCALE: 1:20

LEGEND

SYMBOL	DESCRIPTION
●	CEILING CONCEALED SPRINKLER
⊗	UPRIGHT SPRINKLER
■	FIRE CABINET WITH 19x45m HOSEREEL
△	9L WATER WATER PORTABLE FIRE EXTINGUISHER
△	2kg. CO2 PORTABLE FIRE EXTINGUISHER
△	6kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER
△	4kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

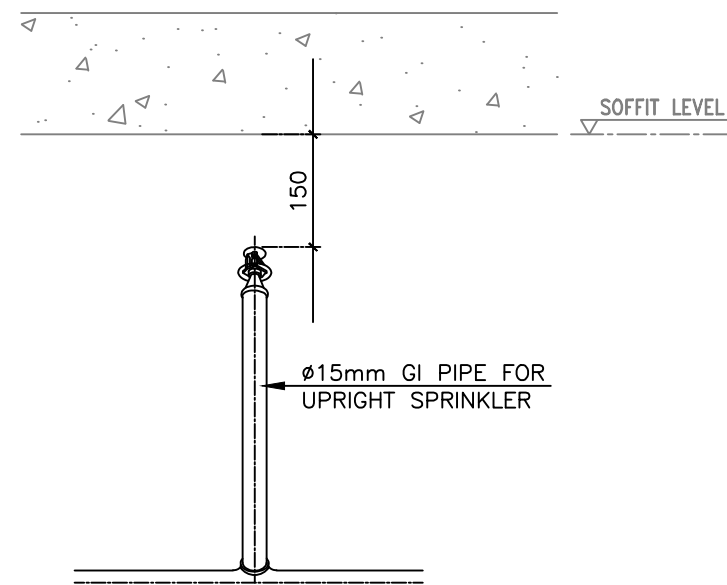
ABBREVIATIONS

PG - PRESSURE GAUGE
NRV - NONE RETURN VALVE
SG - SIGHT GLASS
GV - GATE VALVE
FS - FLOW SWITCH
PH - PILLAR HYDRANT
BI - BREACHING INLET
PRV - PRESSURE REDUCING VALVE
BC - BALL COCK VALVE



ELEVATION-A
SCALE: 1:30

- HOSEREEL 19mm, LENGTH 45m AND JET/SPRAY/SHUT-OFF NOZZLE
- UNION 25mm
- PRESSURE REGULATING LANDING VALVE 65mm
- STOP VALVE 25mm
- JET/SPRAY DIFFUSER NOZZLE WITH BRANCH PIPE ,INLET 65mm
- FIRE HOSE 65mm, LENGTH 15mx3
- WATER/CO FIRE EXTINGUISHER-9 LITRE
- CO₂ FIRE EXTINGUISHER-3 Kg



TYPICAL DETAIL FOR
UPRIGHT SPRINKLER INSTALLATION
SCALE: 1:10

DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

NOTES:

- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

CONSULTANTS :

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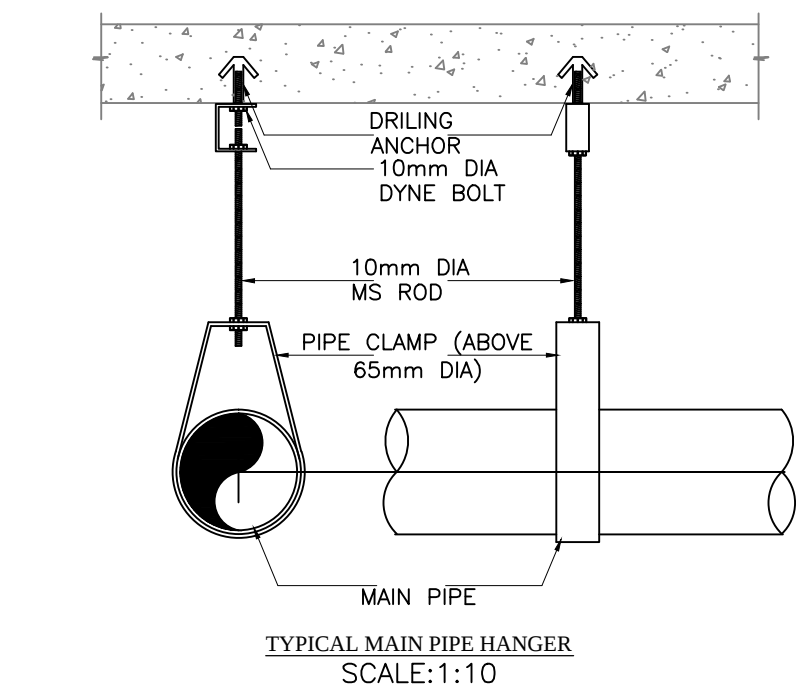
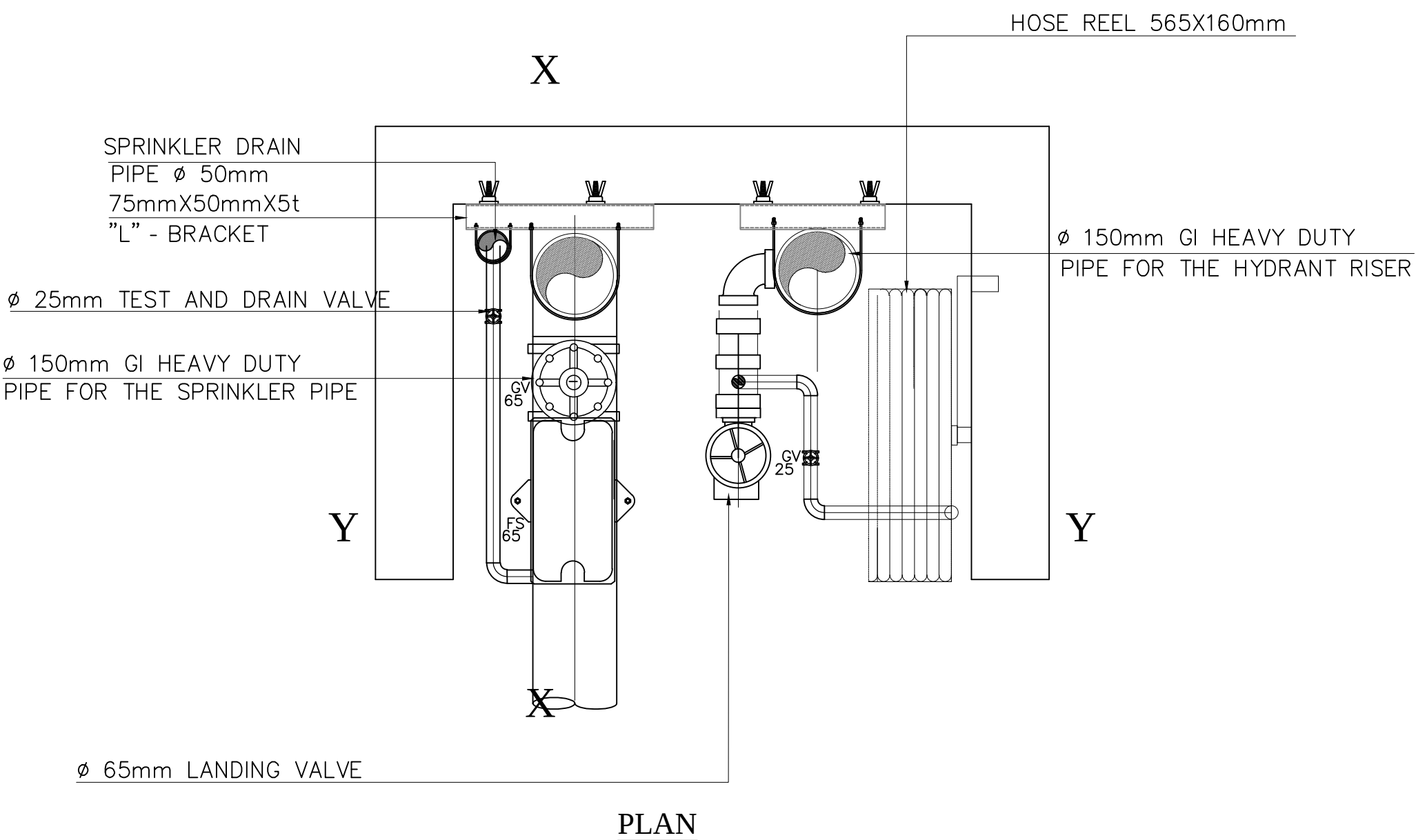
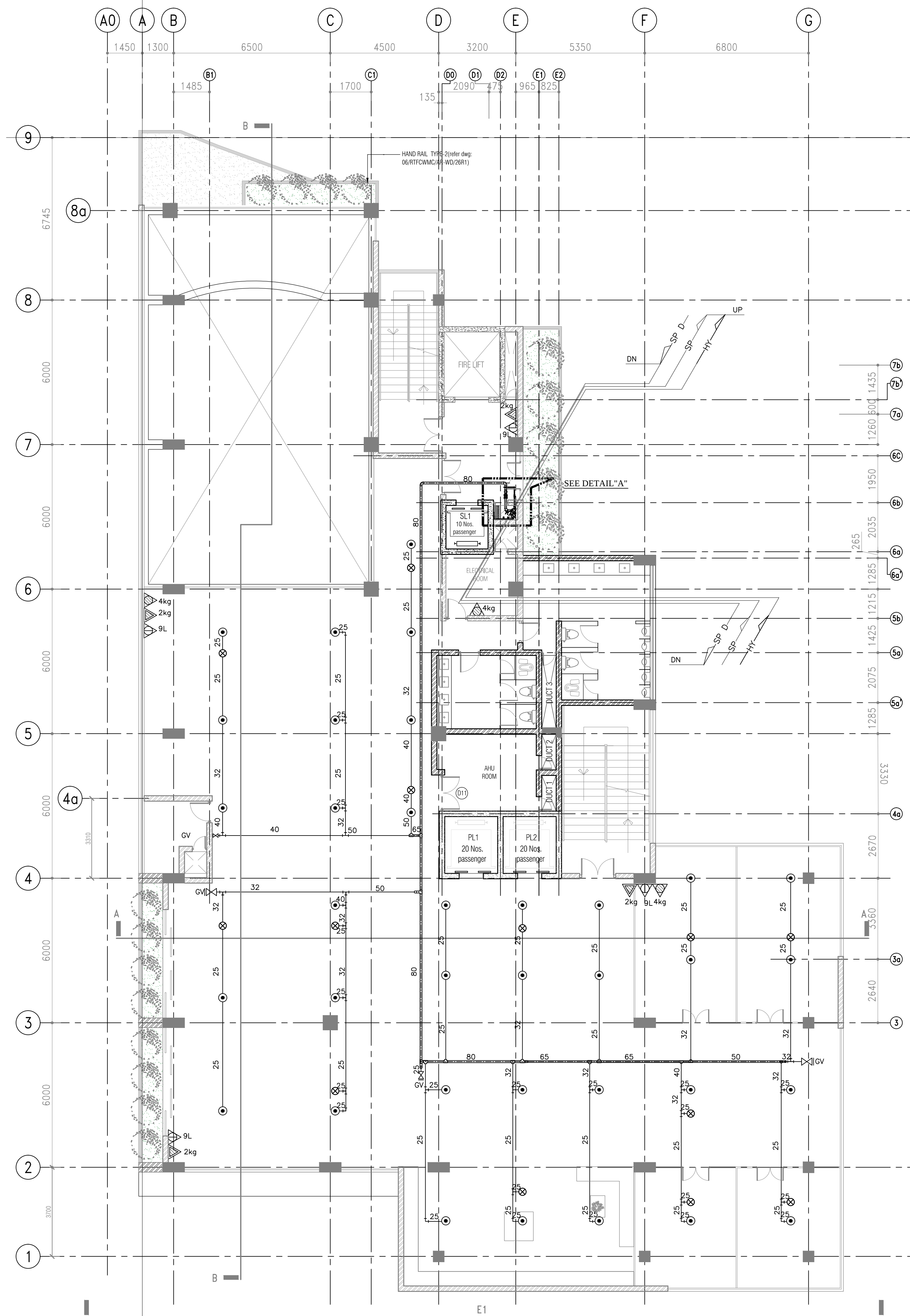
CONTRACTOR :

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DRAWING TITLE :

FIRE PROTECTION SYSTEM AT
THIRD FLOOR LEVEL

DRAWN :	CHECKED :
RECOMMEND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25
DWG.NO 06/RTFCWMC/AB/111	SHEET NO :

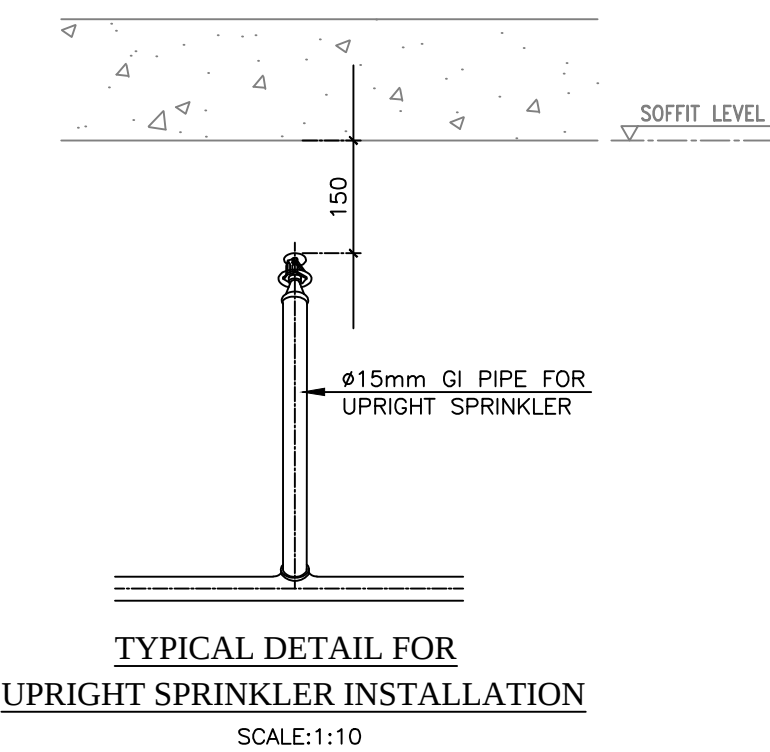
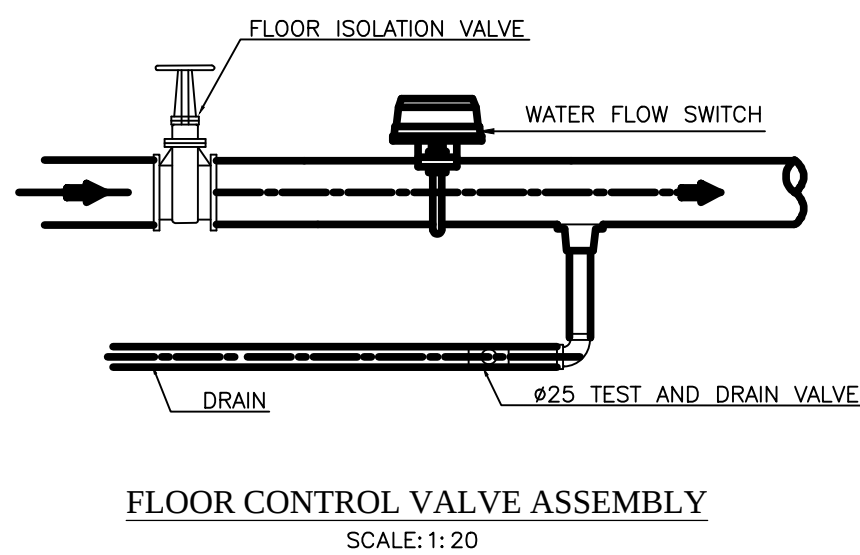
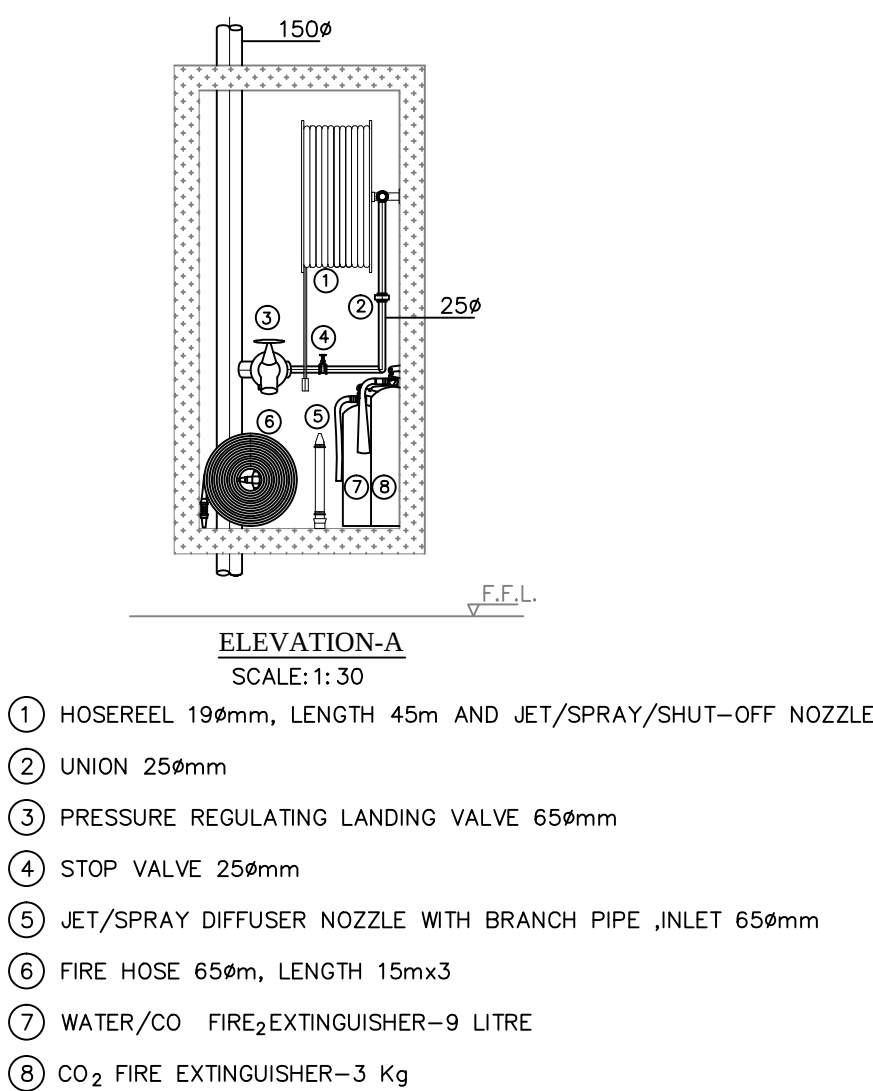
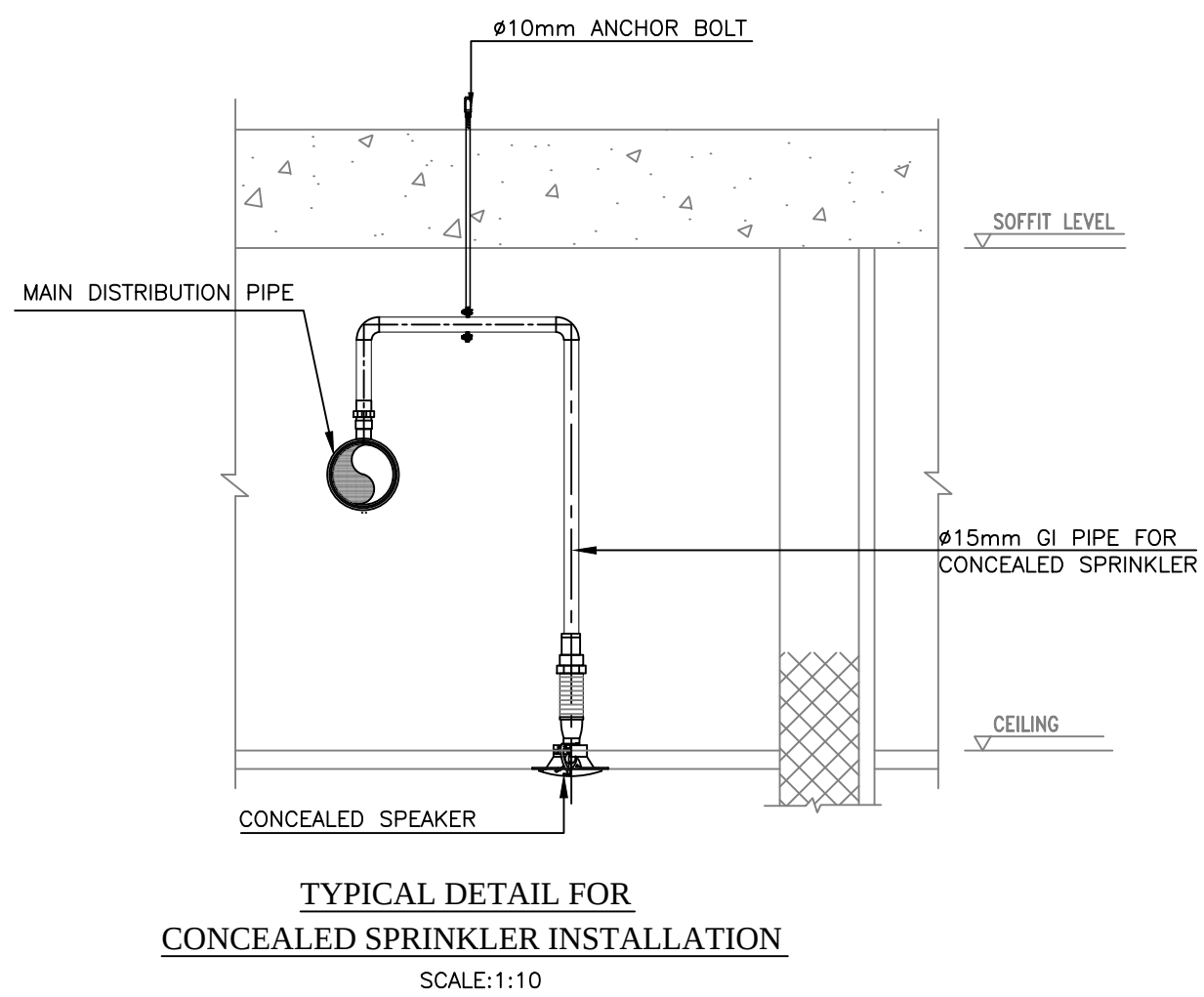


LEGEND

SYMBOL	DESCRIPTION
	CEILING CONCEALED SPRINKLER
	UPRIGHT SPRINKLER
	FIRE CABINET WITH 19x45m HOSEREEL
	9L WATER WATER PORTABLE FIRE EXTINGUISHER
	2kg. CO2 PORTABLE FIRE EXTINGUISHER
	6kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER
	4kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

ABBREVIATIONS

PG - PRESSURE GAUGE
NRV - NONE RETURN VALVE
SG - SIGHT GLASS
GV - GATE VALVE
FS - FLOW SWITCH
PH - PILLAR HYDRANT
BI - BREACHING INLET
PRV - PRESSURE REDUCING VALVE
BC - BALL COCK VALVE



DRAWING TYPE :

AS BUILT DRAWING

PROJECT TITLE :

REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

NOTES:

- GRID A0 INTRODUCED AT TWELFTH FLOOR.
- ALL DIMENSIONS ARE IN MILLIMETERS.

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :

MINISTRY OF URBAN DEVELOPMENT AND
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CONSULTANTS :

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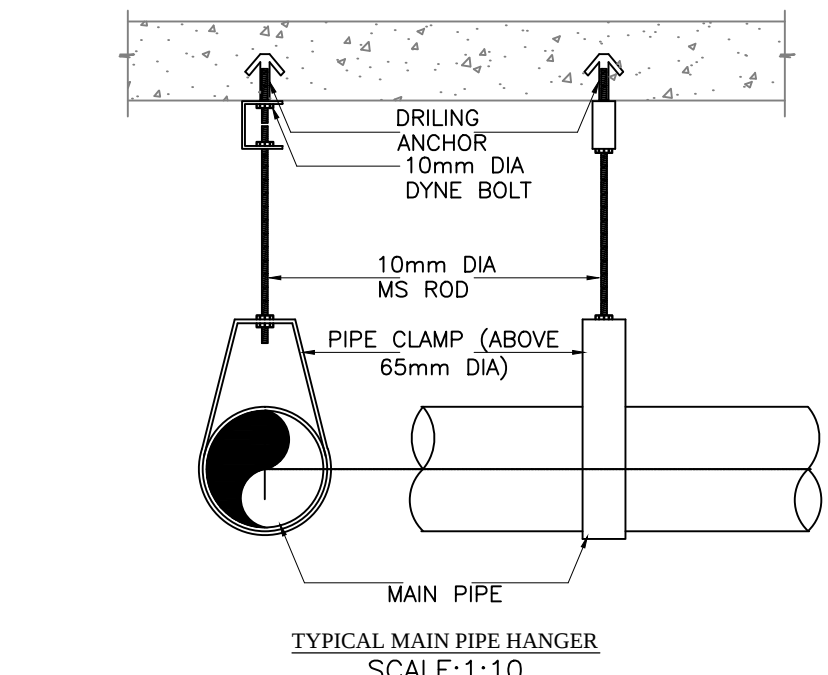
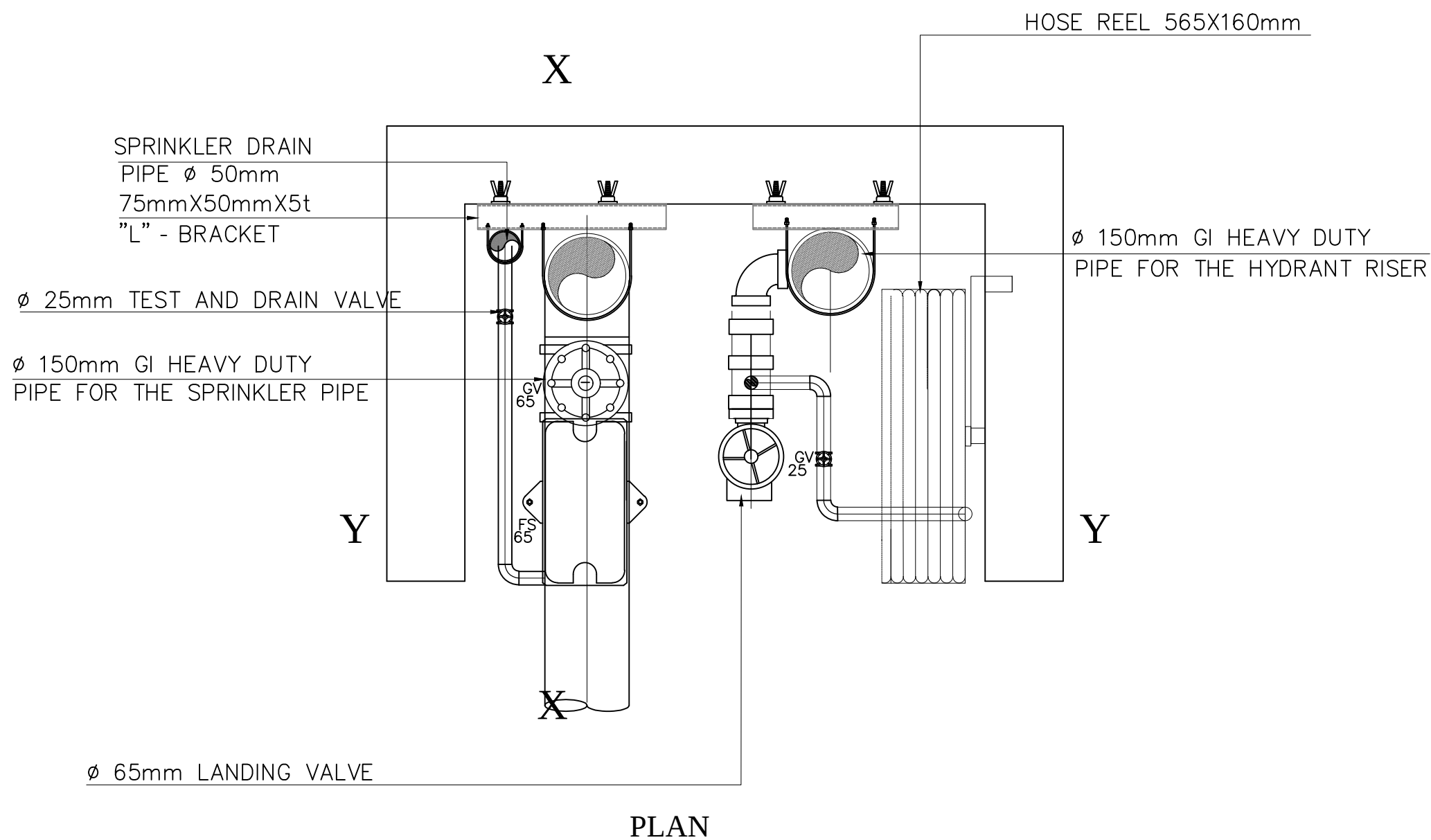
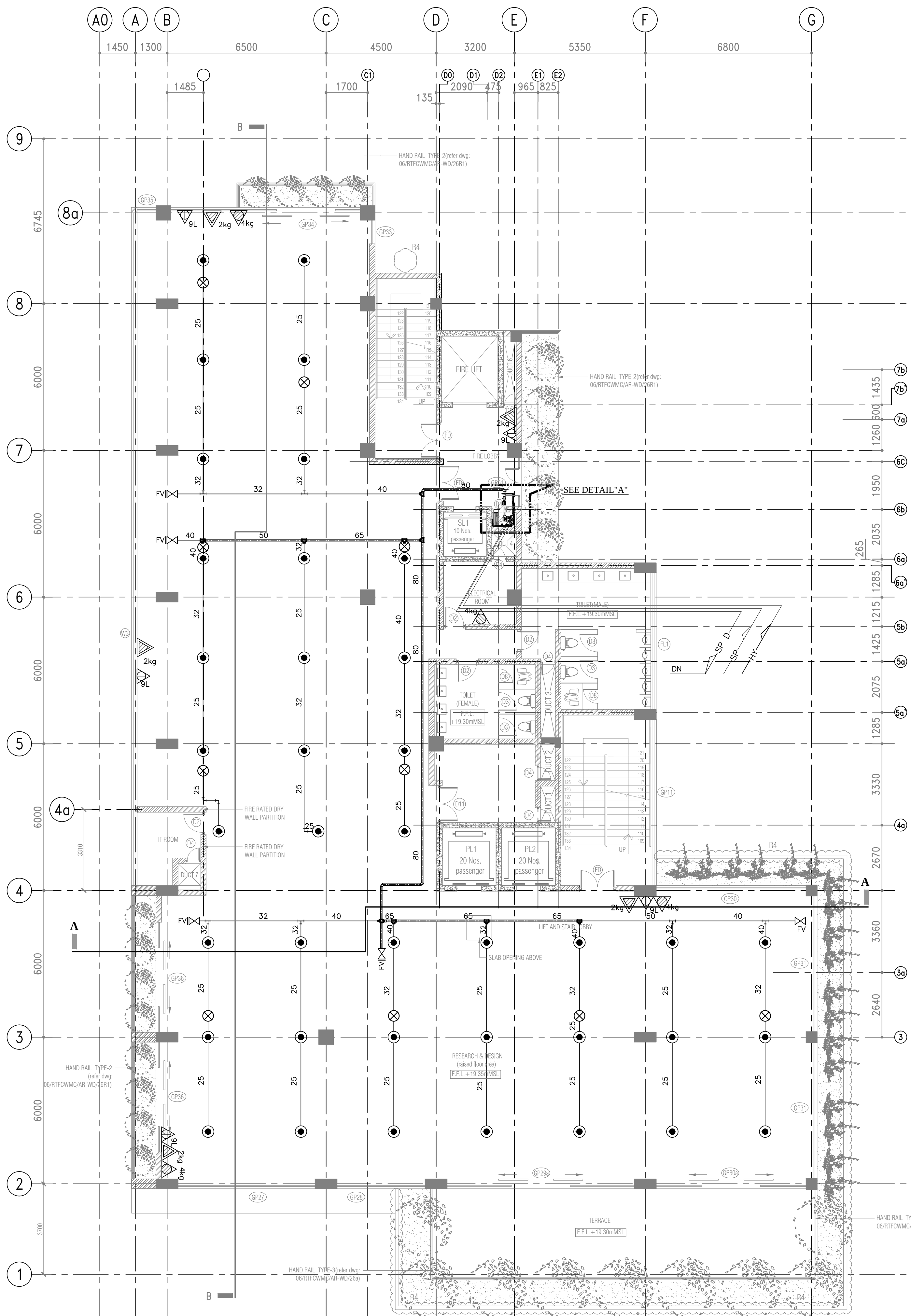
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DRAWING TITLE :

FIRE PROTECTION SYSTEM AT
FOURTH FLOOR LEVEL

DRAWN :	CHECKED :
RECOMMND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25
DWG.NO 06/RTFCWMC/AB/112	SHEET NO :

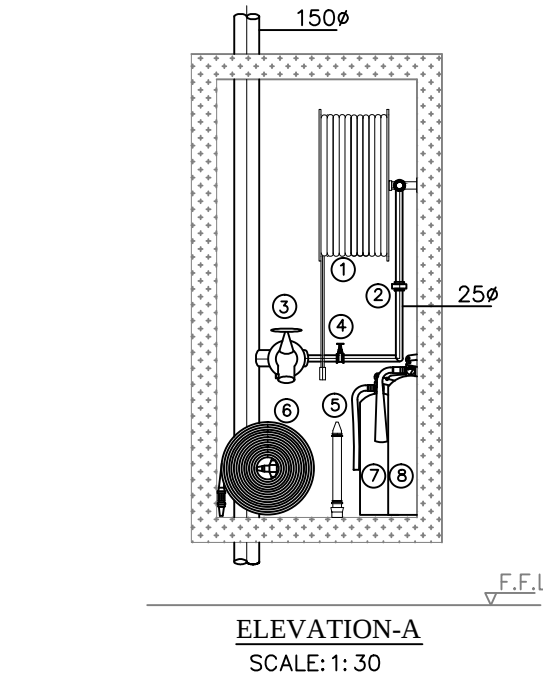
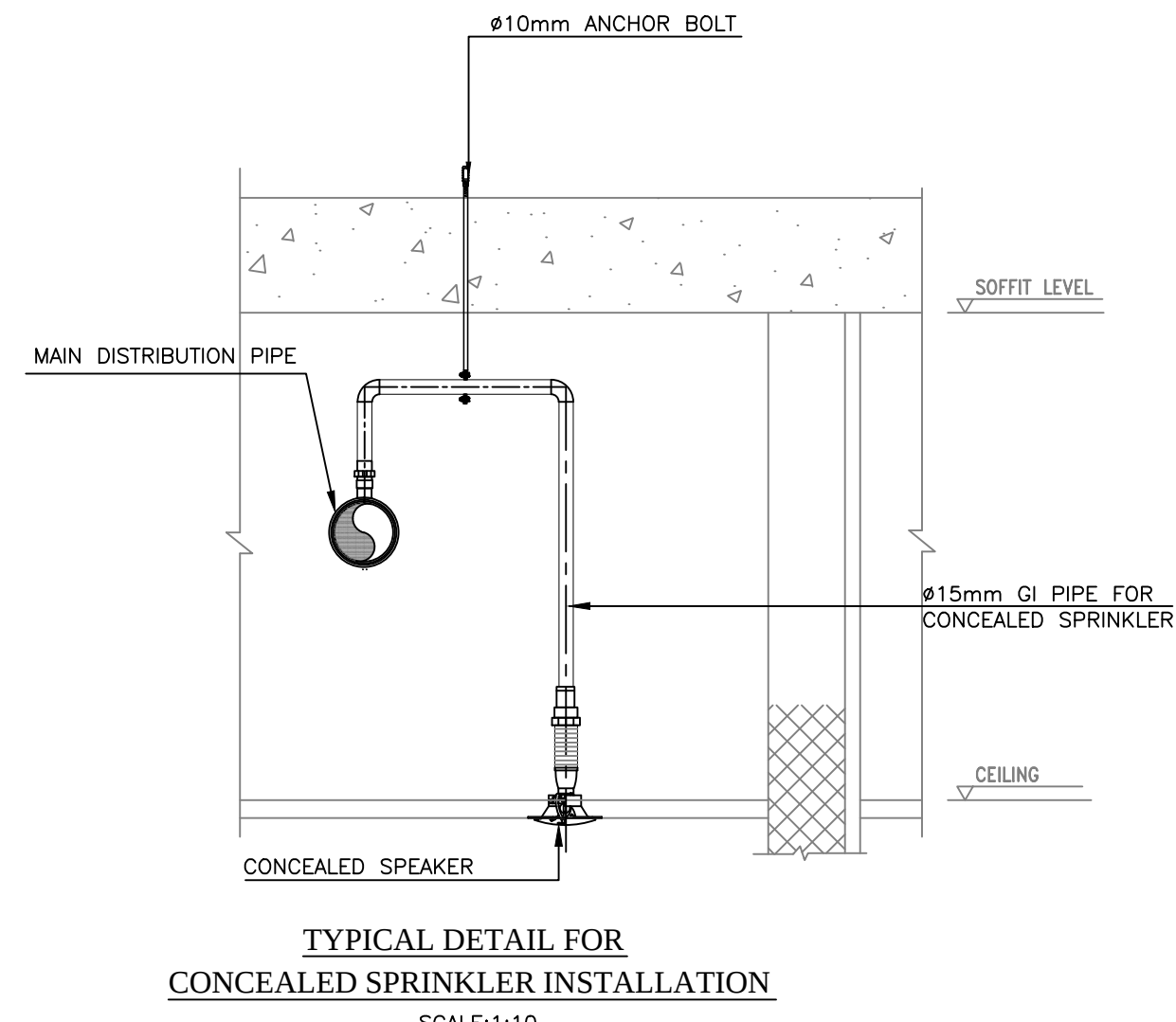


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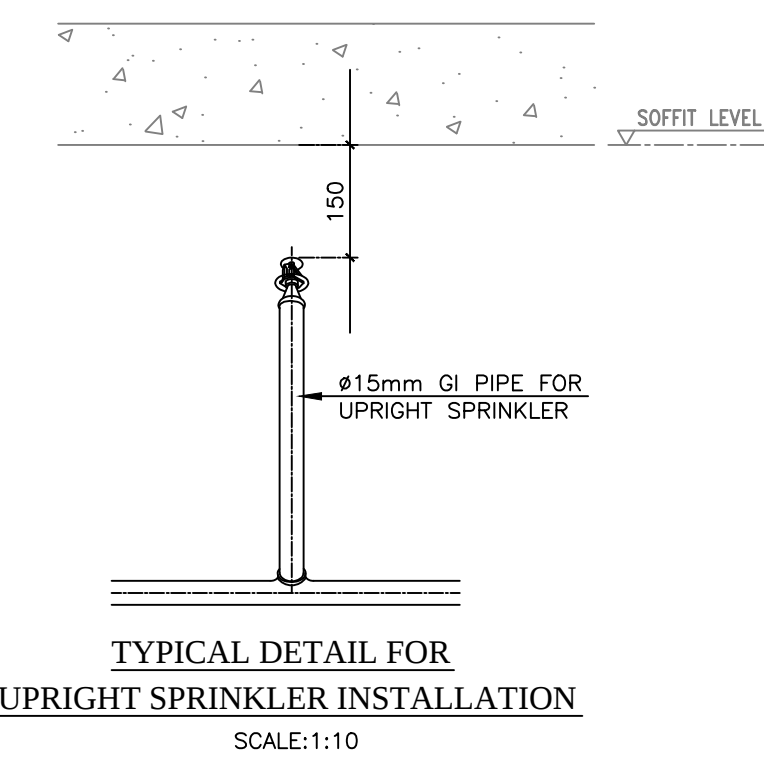
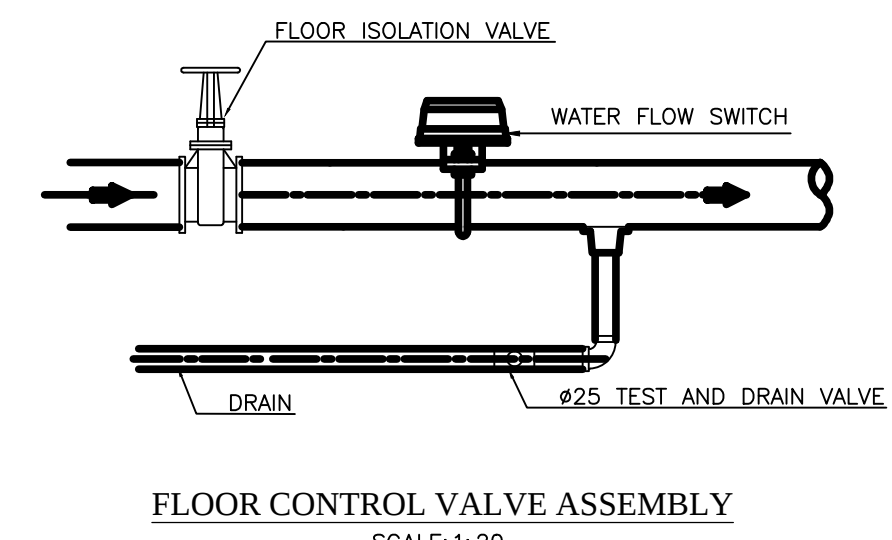
SYMBOL	DESCRIPTION
●	CEILING CONCEALED SPRINKLER
⊗	UPRIGHT SPRINKLER
■	FIRE CABINET WITH 19Øx45m HOSEREEL
△	9L WATER WATER PORTABLE FIRE EXTINGUISHER
△	2kg. CO2 PORTABLE FIRE EXTINGUISHER
△	6kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER
△	4kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

ABBREVIATIONS

PG - PRESSURE GAUGE
NRV - NONE RETURN VALVE
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PRV - PRESSURE REDUCING VALVE
BC - BALL COCK VALVE



- HOSEREEL 19mm, LENGTH 45m and JET/SPRAY/SHUT-OFF NOZZLE
- UNION 25mm
- PRESSURE REGULATING LANDING VALVE 65mm
- STOP VALVE 25mm
- JET/SPRAY DIFFUSER NOZZLE WITH BRANCH PIPE ,INLET 65mm
- FIRE HOSE 65mm, LENGTH 15mX3
- WATER/CO FIRE EXTINGUISHER-9 LITRE
- CO₂ FIRE EXTINGUISHER-3 Kg



DRAWING TYPE :
AS BUILT DRAWING

PROJECT TITLE :
REAL TIME FLOOD CONTROL AND
WATER MANAGEMENT CENTER
@ KIRIMANDALA MAWATHA

- NOTES:
- GRID A0 INTRODUCED AT TWELFTH FLOOR.
 - ALL DIMENSIONS ARE IN MILLIMETERS.

AS BUILT DRAWING

REV	CHECKED	DATE	APPROVED	DATE

CLIENT :
MINISTRY OF URBAN DEVELOPMENT AND
HOUSING

CONSULTANTS :
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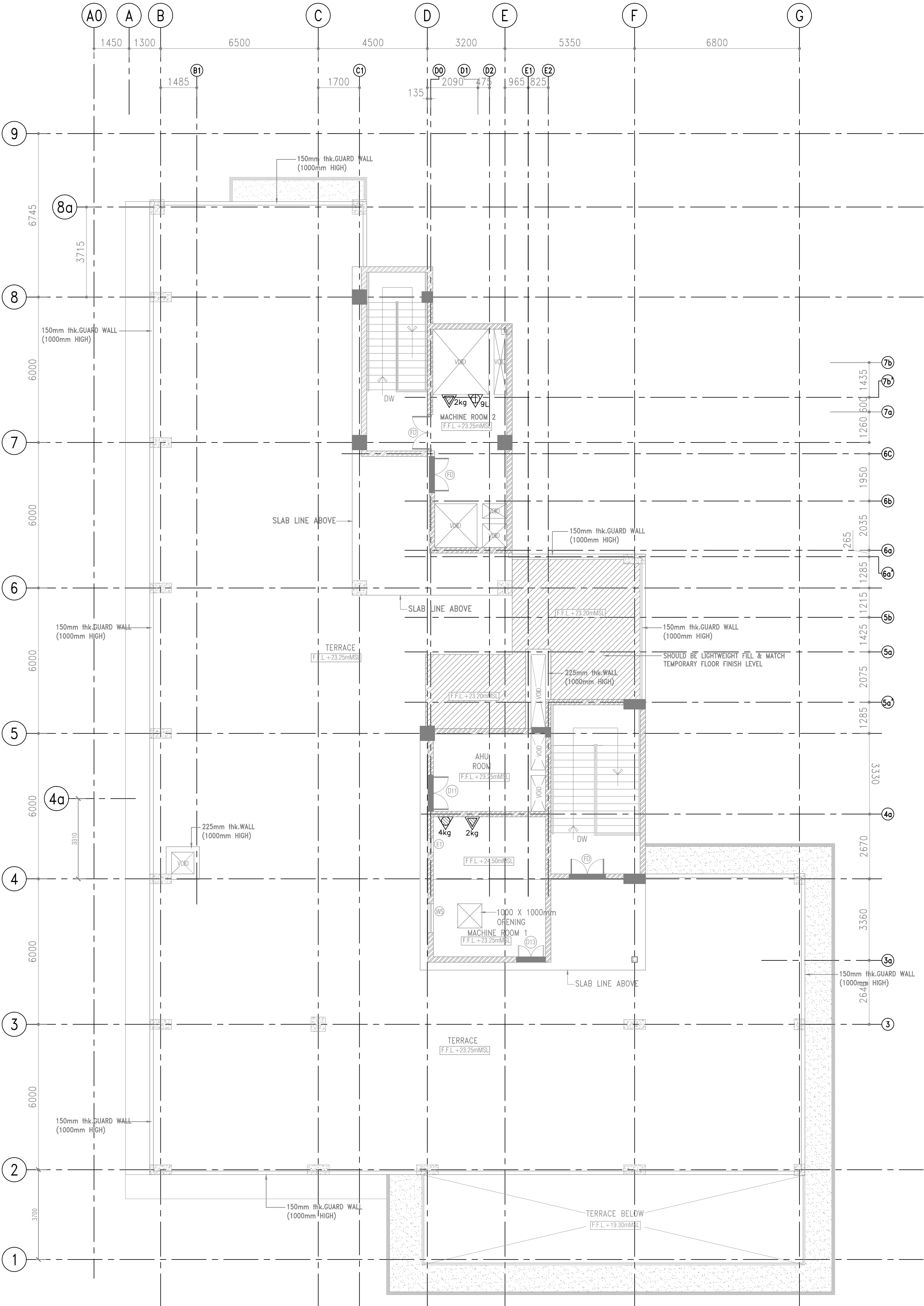
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FIRE PROTECTION SYSTEM AT
FIFTH FLOOR LEVEL

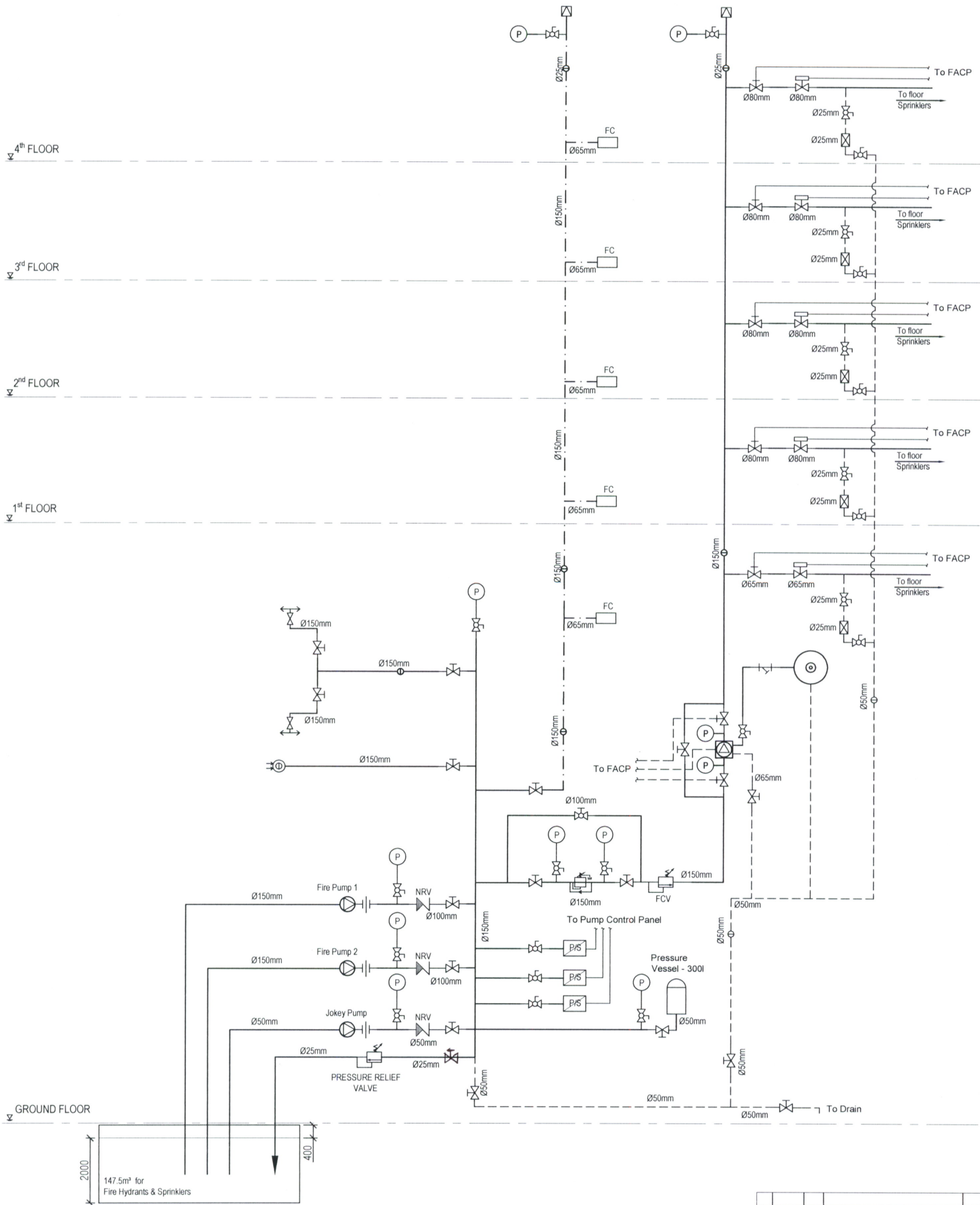
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RECOMMND :	APPROVED :
SCALE : AS SHOWN	DATE : 2022-10-25
DWG.NO 06/RTFCWMC/AB/113	SHEET NO :

LEGEND

SYMBOL	DESCRIPTION
●	CEILING CONCEALED SPRINKLER
⊗	UPRIGHT SPRINKLER
■	FIRE CABINET WITH 19x45m HOSEREEL
▲	9L WATER WATER PORTABLE FIRE EXTINGUISHER
▲	2kg. CO2 PORTABLE FIRE EXTINGUISHER
▲6kg.	6kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER
▲4kg.	4kg. ABC DRY POWDER PORTABLE FIRE EXTINGUISHER

ABBREVIATIONS
PG - PRESSURE GUAGE
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FS - FLOW SWITCH
PH - PILLAR HYDRANT
BI - BREACHING INLET
PRV - PRESSURE REDUCING VALVE
BC - BALL COCK VALVE





LEGEND:-

- FIRE PUMP
- SPRINKLER ALARM VALVE
- GATE VALVE
- GLOBE VALVE
- BALL VALVE
- SIGHT GLASS
- FLEXIBLE COUPLING
- AIR RELEASE VALVE
- FLOW SWITCH
- BREACHING INLET
- PILLAR HYDRANT
- PRESSURE REDUCING VALVE
- PRESSURE VESSEL (300L)
- PRESSURE GAUGE
- PRESSURE SWITCH
- FIRE HYDRANT WET RISER
- FIRE SPRINKLER RISER
- DRAIN LINE
- WATER MOTOR ALARM
- FIRE CABINET CONSISTING OF FIRE HOSE REEL, LANDING VALVE, SPRAY JET NOZZEL & FIRE HOSE
- FLOW CONTROL VALVE

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Rev.	Date	Desd.	Description	Drawn	Chk'd	App'd
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MEGAPOLIS & WESTERN DEVELOPMENT						
Project: REAL TIME FLOOD CONTROL & WATER MANAGEMENT CENTER						
Title: COMBINATION FIRE PROTECTION SYSTEM SCHEMATIC DIAGRAM						
cecb CENTRAL ENGINEERING CONSULTANCY BUREAU ELECTRO MECHANICAL UNIT Head Office: 415, Buddhaloka Mawatha, Colombo-07, Sri Lanka. Tel. 0094-11-2668800, Fax. 0094-11-2667369, E-Mail cecb@cel.lk Project office: UNIT - Electro Mechanical Tel. - 0094-11-2668806 Fax. - 0094-11-2668951 E-Mail - agmenm@cecb.lk						
Designed	A.J.S.					
Checked	H.M.S.C.					
Drawn	R.W.H.					
Checked	H.A.D.J.					
Submitted	H.W.S.					
Sheet Size	A3	Drawing No.	C1317/EM/ME-01 (FP)/01	Scale:-	N.T.S.	Date:- AUG 2019
Recommended: - DGM(Mechanical)						Status: TEN
Approved: - AGM(S&M)						Rev. No. -