

PANEL BOARD SCHEDULE ( EXISTING )

PANEL NO. : LP10A		DATE : 19 SEPTEMBER 2019	
CAPACITY : 18 CIRCUIT AS 1-POLE		LOCATION : STORAGE.	
MAIN : 3P 32AT		MOUNTING : SURFACE	
CONNECTED : BUILDING			

CCT. NO.	DESCRIPTION	LOAD (VA)			CIRCUIT BREAKER			CONDUCTOR		CONDUIT		REMARK
		O.R	O.S	O.T	POLE	AT	IC	SIZE	TYPE	SIZE	TYPE	
1	LIGHTING RECEPTION&CORRIDOR	800			1	16	IC >= 6KA	2x2.5/2.5G	IEC01	1/2"	EMT.	
3	LIGHTING CLASS A		1100		1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
5	LIGHTING CLASS B			1100	1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
7	LIGHTING CLASS C	1100			1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
9	LIGHTING CLASS E		500		1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
11	LIGHTING CLASS D			650	1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
13												
15												
17												
2	RECEPTACLE OUTLET RECEPTION	1000			1	20		2x4/2.5G	IEC01	1/2"	EMT.	
4	RECEPTACLE OUTLET CLASS A		800		1	20		2x4/2.5G	IEC01	1/2"	EMT.	
6	RECEPTACLE OUTLET CLASS B			1200	1	20		2x4/2.5G	IEC01	1/2"	EMT.	
8	RECEPTACLE OUTLET CLASS C	1200			1	20		2x4/2.5G	IEC01	1/2"	EMT.	
10	RECEPTACLE OUTLET CLASS E		800		1	20	2x4/2.5G	IEC01	1/2"	EMT.		
12	RECEPTACLE OUTLET CLASS D			800	1	20	2x4/2.5G	IEC01	1/2"	EMT.		
14												
16												
18												
	TOTAL LOAD (VA)	4,100	3,200	3,750	3P	32AT	4x16/6G	IEC01	1-1/4"	EMT.		
	DEMAND LOAD 100% (VA) RENOVATION	10,150 VA										
	DEMAND LOAD 100% (AMP) RENOVATION	16.80 A										

PANEL BOARD SCHEDULE ( EXISTING )

PANEL NO. : LP10B		DATE : 19 SEPTEMBER 2019	
CAPACITY : 18 CIRCUIT AS 1-POLE		LOCATION : STORAGE.	
MAIN : 3P 32AT		MOUNTING : SURFACE	
CONNECTED : BUILDING			

CCT. NO.	DESCRIPTION	LOAD (VA)			CIRCUIT BREAKER			CONDUCTOR		CONDUIT		REMARK
		O.R	O.S	O.T	POLE	AT	IC	SIZE	TYPE	SIZE	TYPE	
1	LIGHTING OFFICE & PANTRY	2000			1	16	IC >= 6KA	2x2.5/2.5G	IEC01	1/2"	EMT.	
3	LIGHTING OFFICE AND CHIEF ROOM		1600		1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
5	LIGHTING OFFICE			1400	1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
7	SPARE				1	16						
9	SPARE				1	16						
11	LIGHTING CLASS D			1100	1	16		2x2.5/2.5G	IEC01	1/2"	EMT.	
13												
15												
17												
2	RECEPTACLE OUTLET OFFICE & PANTRY	2200			1	20		2x4/2.5G	IEC01	1/2"	EMT.	
4	RECEPTACLE OUTLET OFFICE & CHIEF ROOM		1200		1	20		2x4/2.5G	IEC01	1/2"	EMT.	
6	RECEPTACLE OUTLET OFFICE			1200	1	20		2x4/2.5G	IEC01	1/2"	EMT.	
8	SPARE				1	20						
10	RECEPTACLE OUTLET OFFICE		1400		1	20	2x4/2.5G	IEC01	1/2"	EMT.		
12												
14												
16												
18												
	TOTAL LOAD (VA)	4,200	4,200	3,700	3P	32AT	4x16/6G	IEC01	1-1/4"	EMT.		
	DEMAND LOAD 100% (VA) RENOVATION	12,100 VA										
	DEMAND LOAD 100% (AMP) RENOVATION	18.38 A										

**LOAD SCHEDULE**

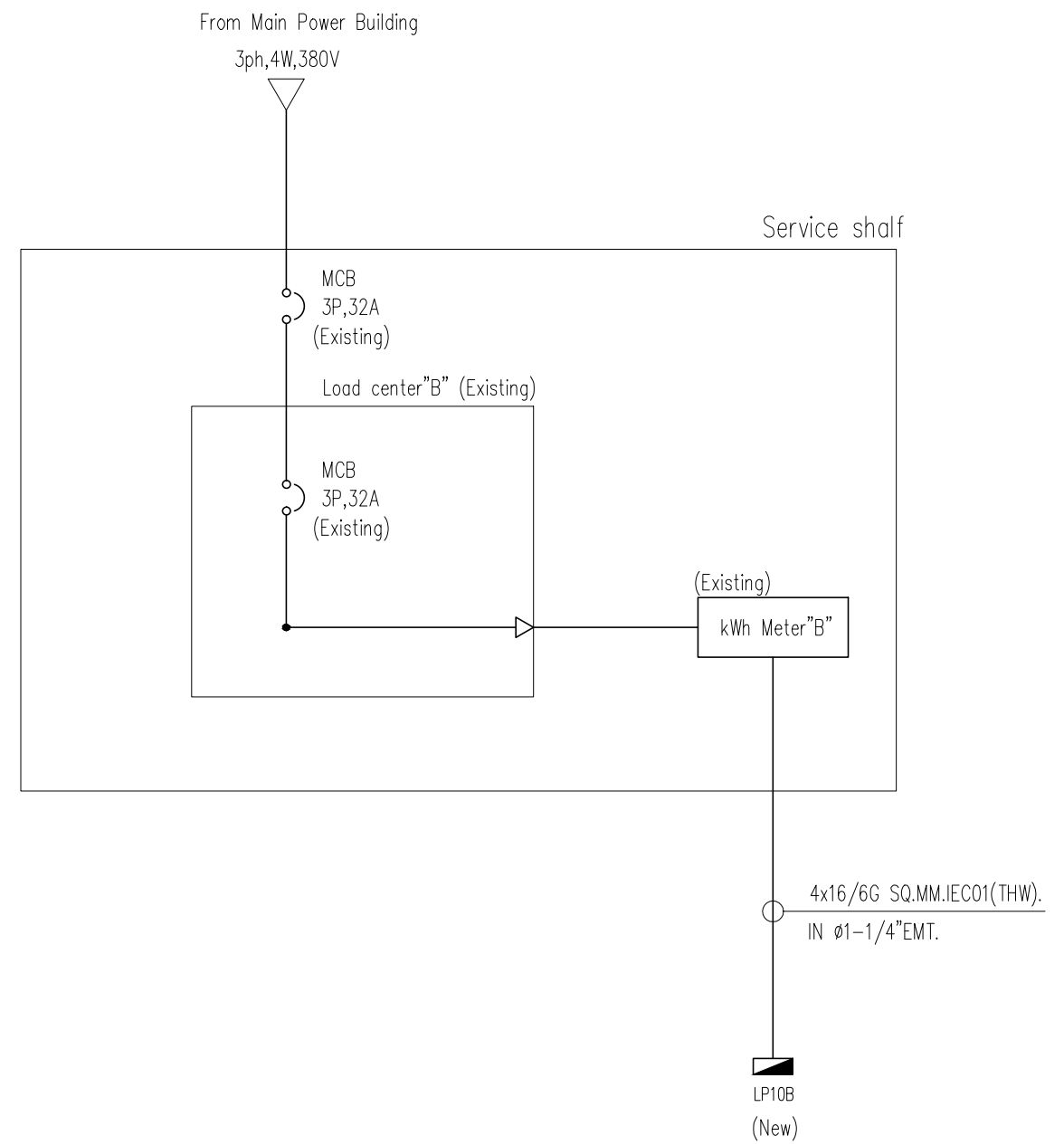
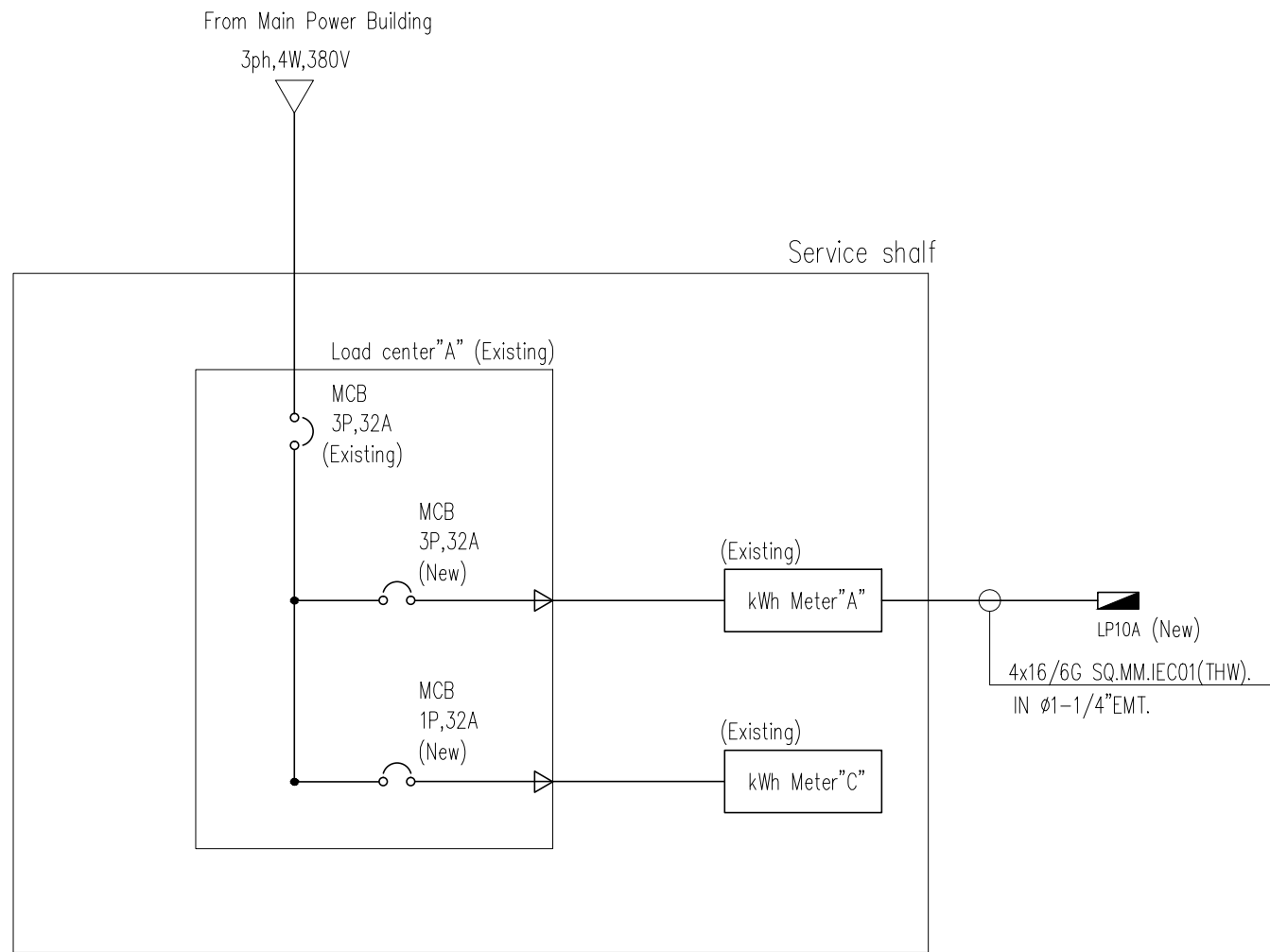
**AS BUILT DRAWING**

scale

dwg no.

EE-01

N/A



**SINGLE LINE DIAGRAM**

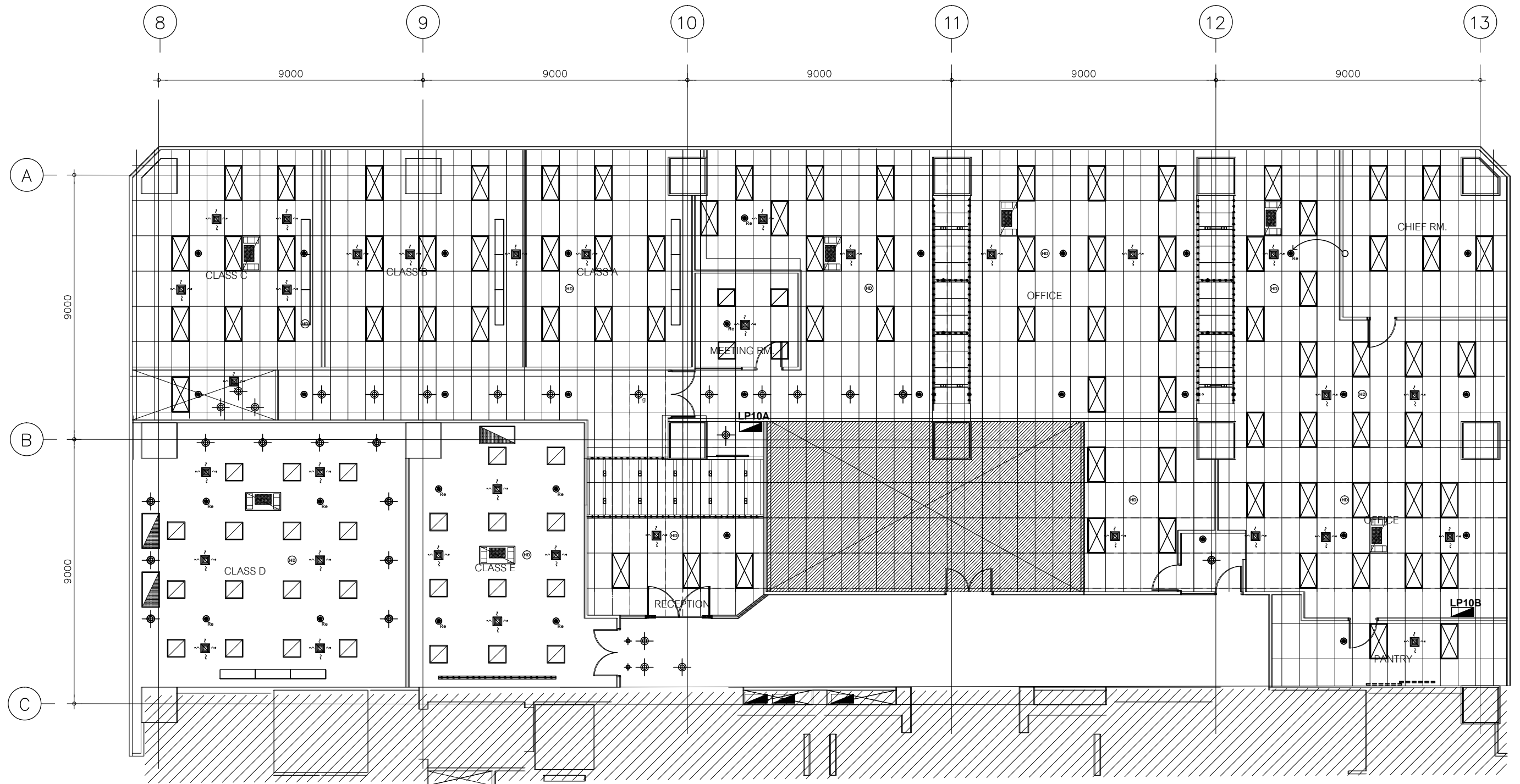
**AS BUILT DRAWING**

dwg no.

EE-02

dwg no.

N/A



LEGEND & SYMBOLS		LEGEND & SYMBOLS		LEGEND & SYMBOLS		LEGEND & SYMBOLS	
	Electric Air Ceiling (Existing)		Supply Air Grill 12"x12"(Existing)		RELOCATION HEAT DETECTOR		Relocation Sprinkler head
	Relocation Electric Air Ceiling (Existing)		Relocation Supply Air Grill 12"x12"(Existing)		EXISTING HEAT DETECTOR		New Sprinkler head
					NEW HEAT DETECTOR = 6Sets		Existing Sprinkler head
							LIGHTING FIXTURE ALUMINUM REFLECTOR 3x36W FLUORESCENT (EXISTING)
							LED STRIP LIGHT (EXISTING)
							LIGHTING FIXTURE 60x60cm FLUORESCENT (EXISTING)
							LIGHTING FIXTURE 30x120cm FLUORESCENT (EXISTING)
							LIGHTING FIXTURE ALUMINUM REFLECTOR 3x18W FLUORESCENT (NEW)
							DOWNLIGHT 2x10W LED (EXISTING)
							DOWNLIGHT ADJUST TYPE 5.5W (EXISTING)
							DOWNLIGHT 14W (EXISTING)
							LED STRIP LIGHT IN ALUMINUM COVER 4.00m. (EXISTING)

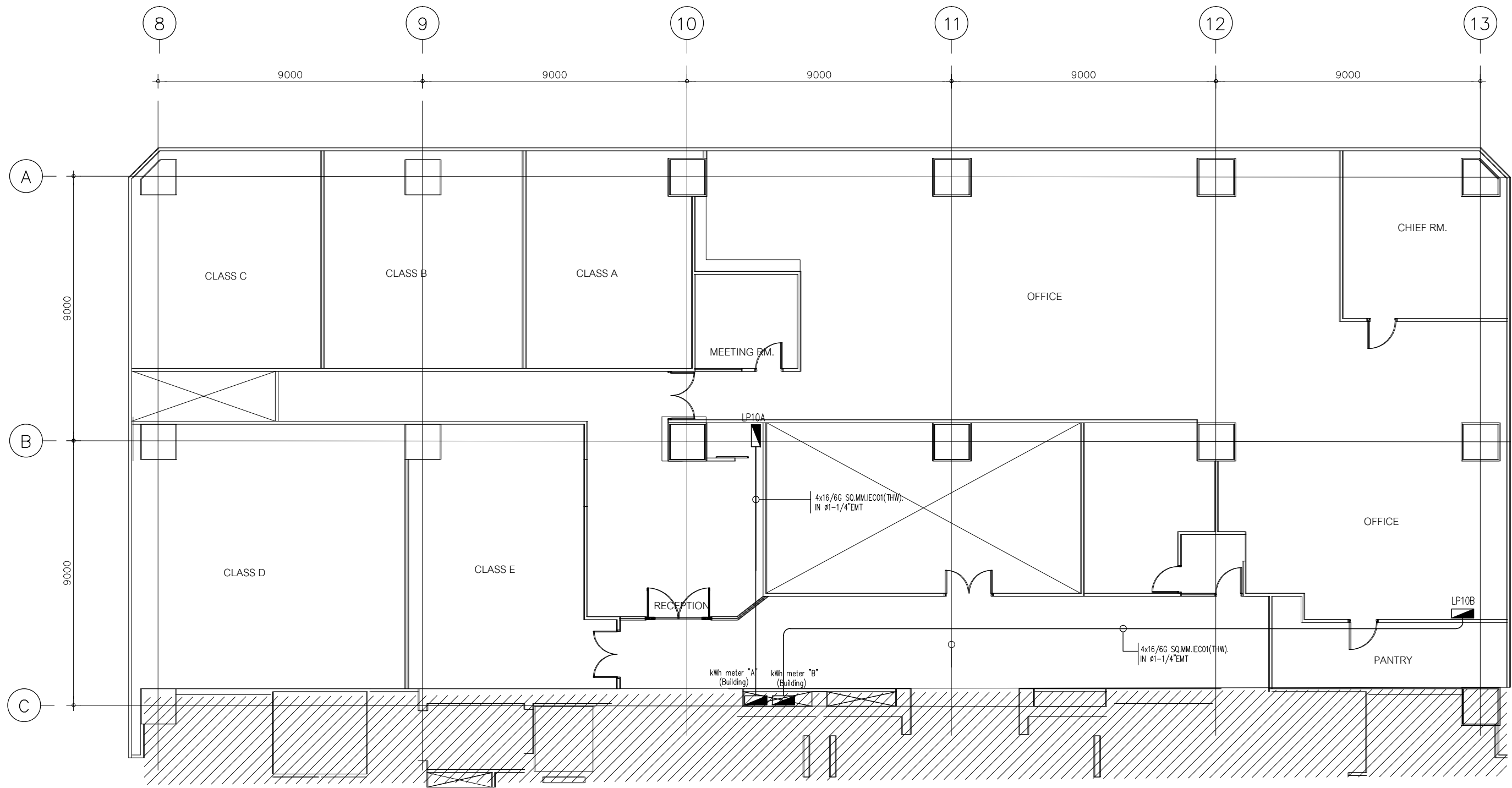
**REFLECTED CEILING PLAN**

dwg no.

EE-03

scale

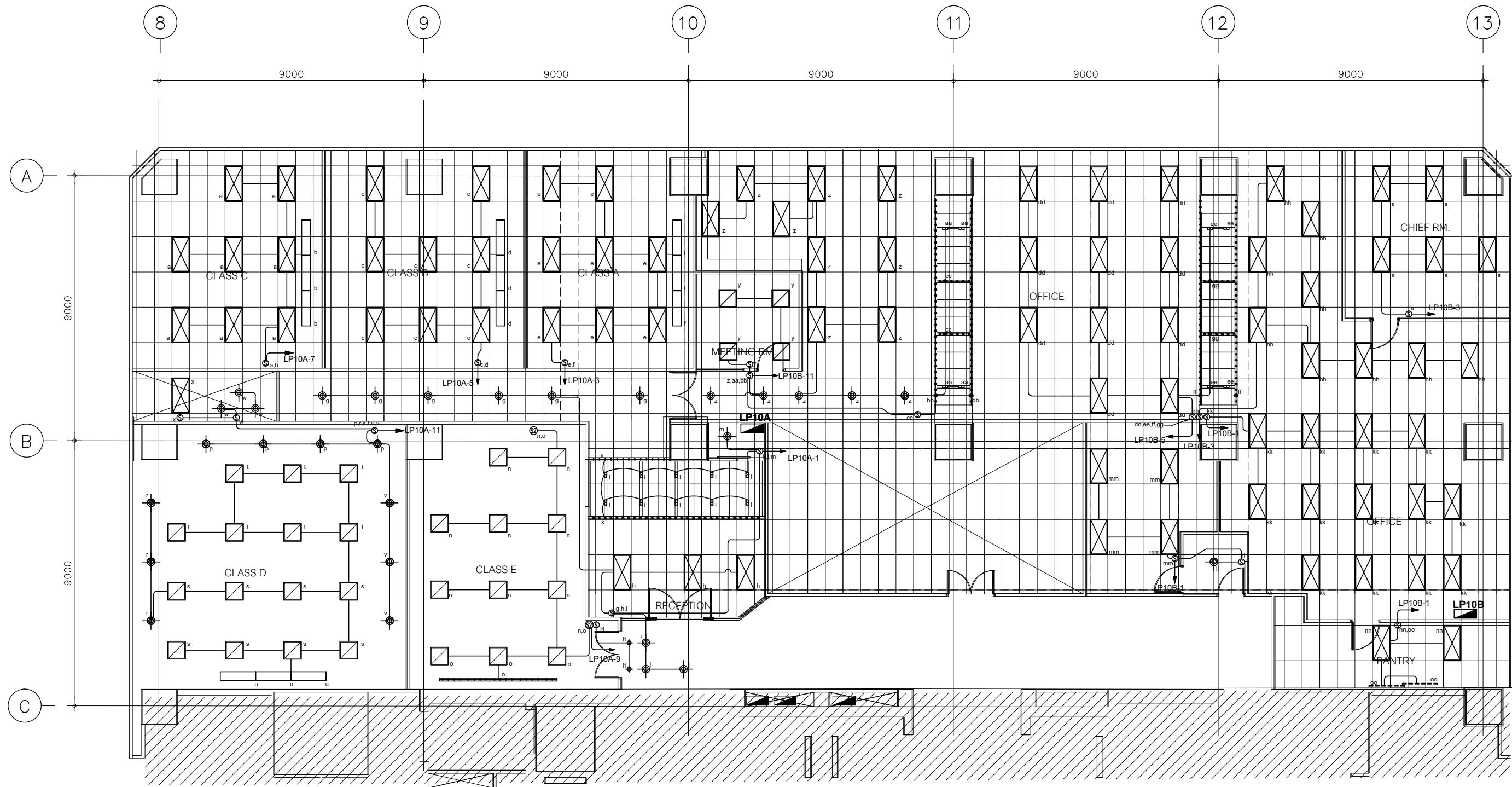
A3,1:125



LEGEND & SYMBOLS

	LOAD CENTER (NEW)
	"LP10A", "LP10B"

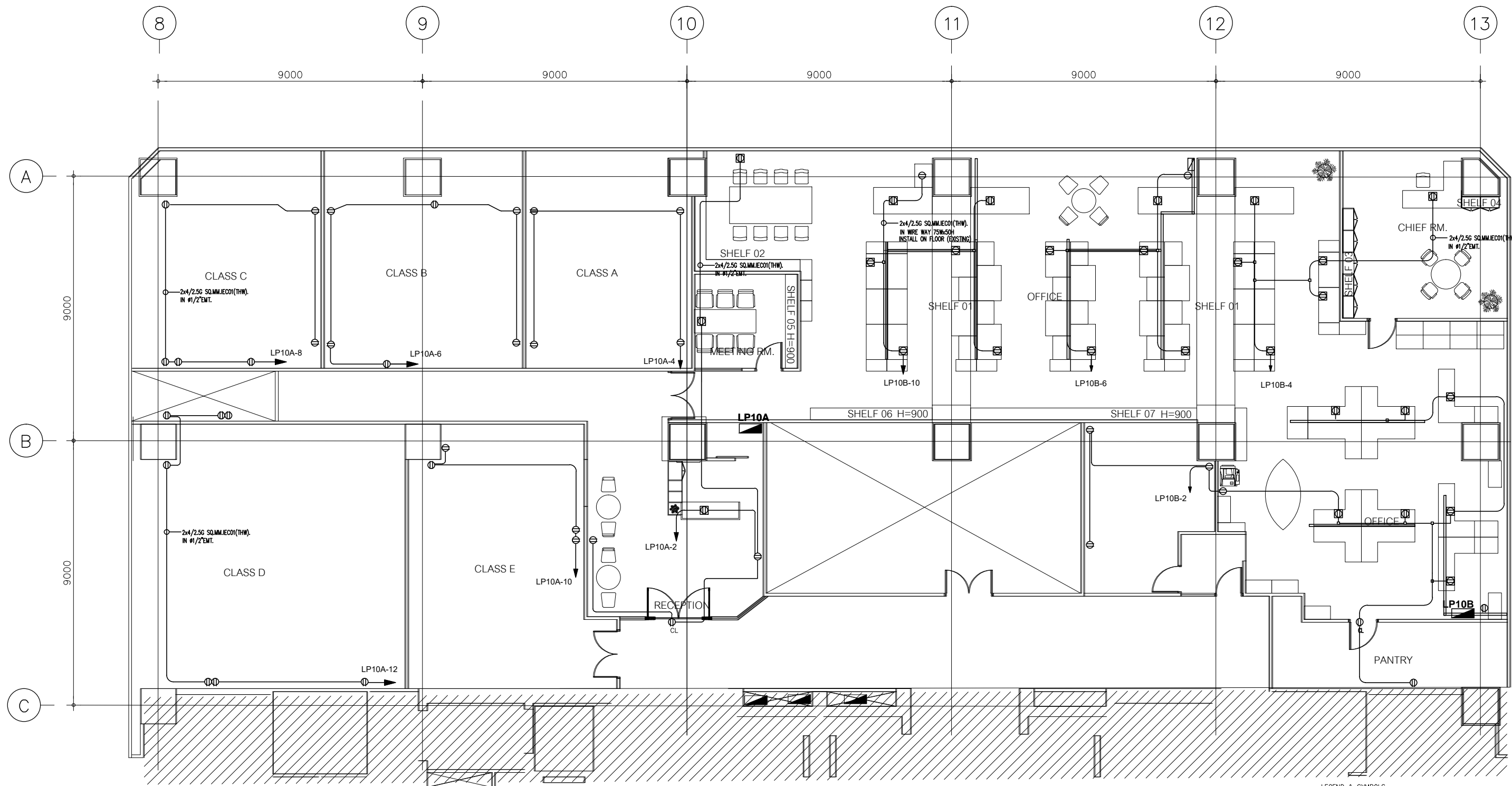
**MAIN ELECTRICAL SYSTEM PLAN**



**LIGHTING SYSTEM PLAN**

**LEGEND & SYMBOLS**

	LIGHTING FIXTURE ALUMINUM REFLECTOR 3x36W FLUORESCENT (EXISTING)		DOWNLIGHT 2x10W LED (EXISTING)
	LED STRIP LIGHT (EXISTING)		DOWNLIGHT ADJUST TYPE 5.5W (EXISTING)
	LIGHTING FIXTURE 60x60cm FLUORESCENT (EXISTING)		DOWNLIGHT 14W (EXISTING)
	LIGHTING FIXTURE 30x120cm FLUORESCENT (EXISTING)		LED STRIP LIGHT IN ALUMINUM COVER 4.00m. (EXISTING)
	LIGHTING FIXTURE ALUMINUM REFLECTOR 3x18W FLUORESCENT (NEW)		



LEGEND & SYMBOLS

	RECEPTACLE ON FLOOR (EXISTING)
	RECEPTACLE ON WALL (EXISTING)
	RECEPTACLE ON CEILING (EXISTING)
	LOAD CENTER (NEW) "LP10A", "LP10B"
	CONSUMER UNIT (EXISTING) "LP10C"
	2x4/2.5G SQMM/ECO(THW) IN #1/2"EMT.

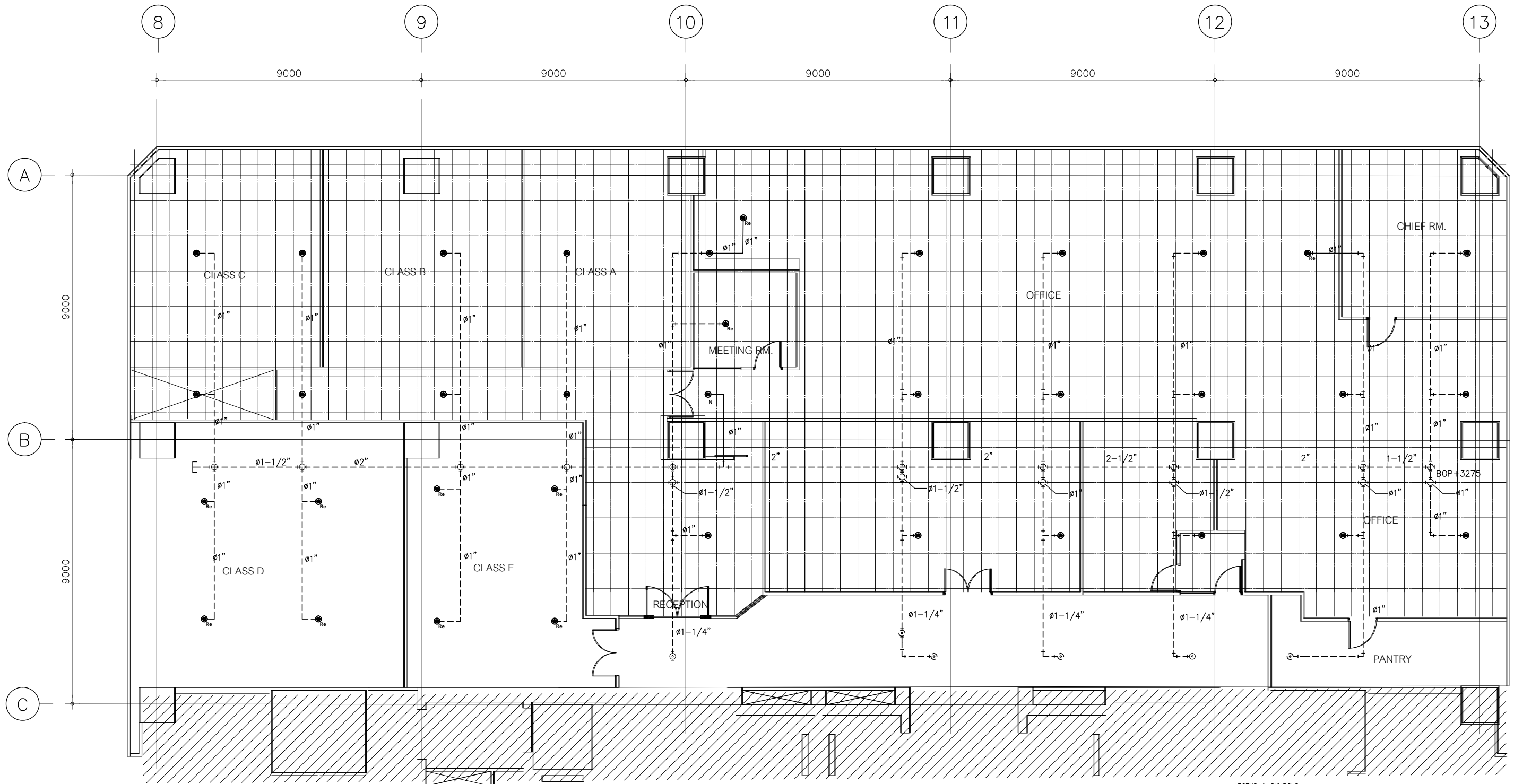
RECEPTACLE OUTLET PLAN

dwg no.

EE-06

scale

A3,1:125



**SPRINKLER SYSTEM PLAN**

**LEGEND & SYMBOLS**

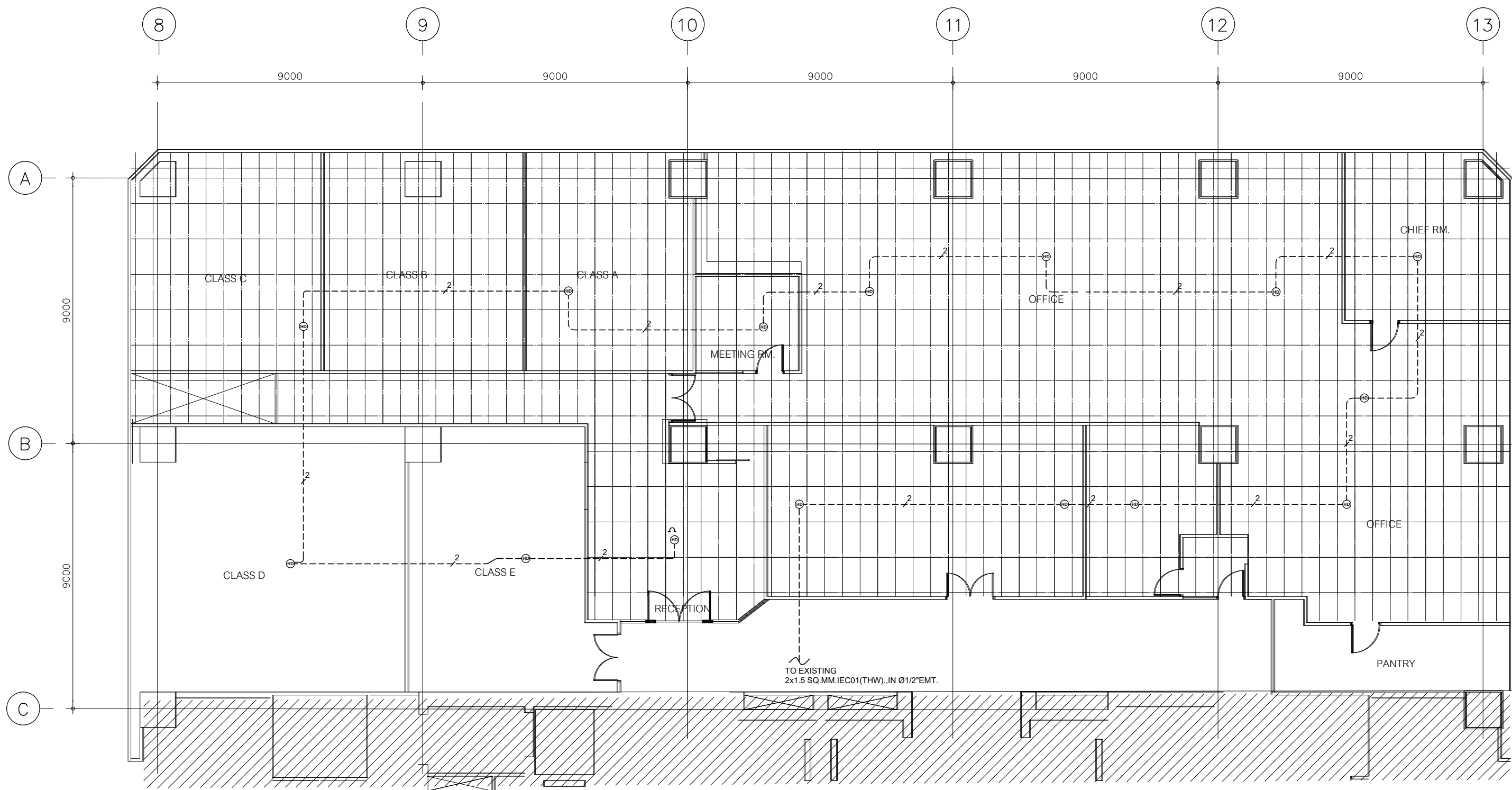
	Relocation Sprinkler head
	New Sprinkler head
	Existing Sprinkler head
	Existing Sprinkler Pipe
	New Sprinkler Pipe

dwg no.

FP-01

scale

A3,1:125



LEGEND & SYMBOLS

	RELOCATION HEAT DETECTOR		NEW HEAT DETECTOR = 6Sets
	EXISTING HEAT DETECTOR		
	2x1.5 SQ.MM.IEC01(THW). (EXISTING WIRING)		

**FIRE ALARM SYSTEM PLAN**

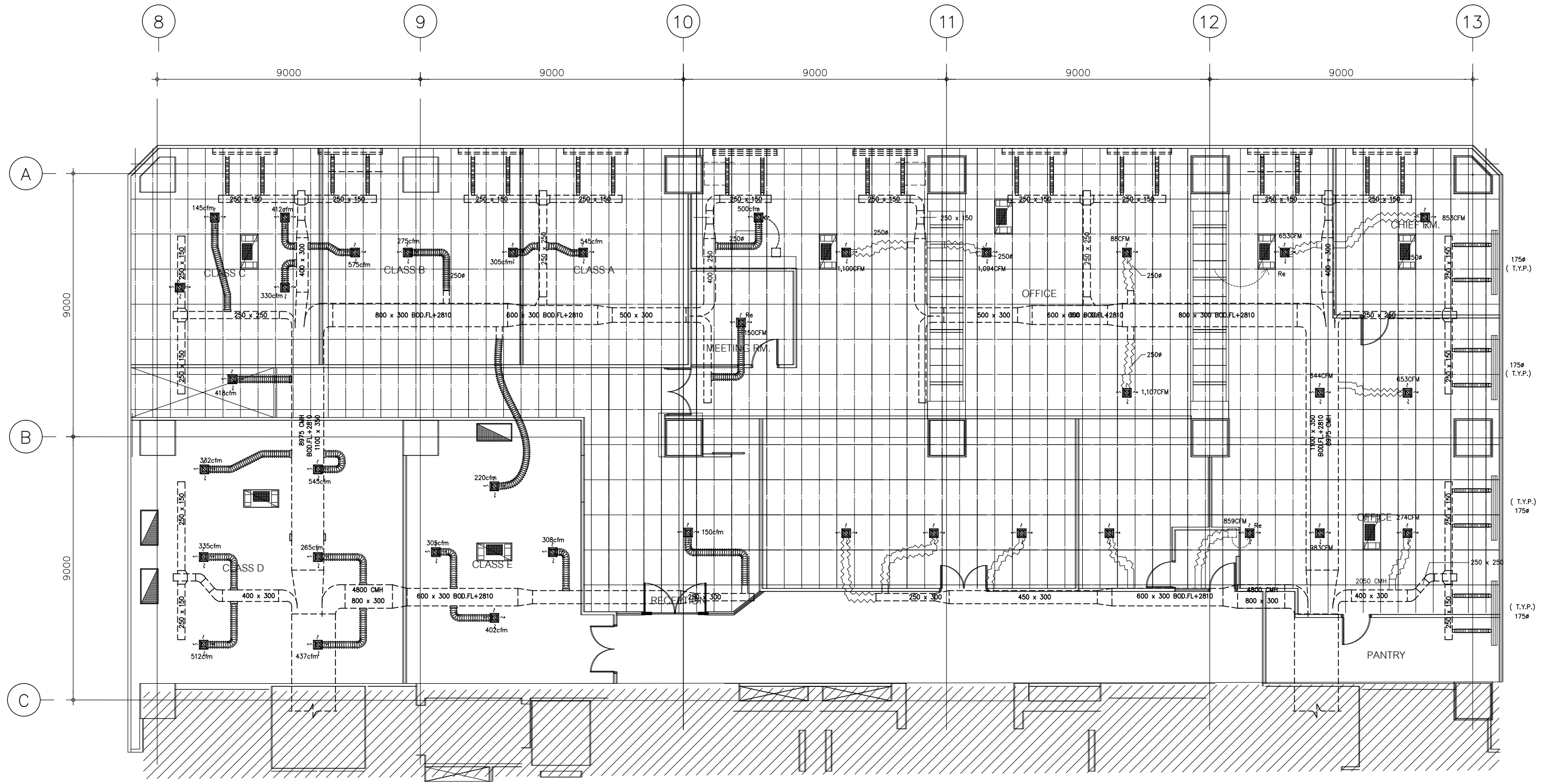
dwg no.

FP-02

scale

A3,1:125





LEGEND & SYMBOLS

	Electric Air Ceiling (Existing)		Supply Air Grill 12"x12"(Existing)
	Relocation Electric Air Ceiling (Existing)		Relocation Supply Air Grill 12"x12"(Existing)

**AIR CONDITION SYSTEM PLAN**

dwg no.

AC-01

scale

A3,1:125