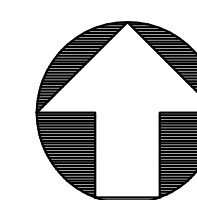
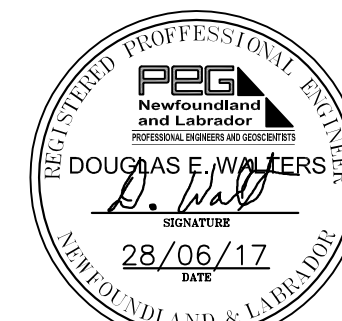


amec foster wheeler

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
JUN 28, 2017
Amec Foster Wheeler Americas Limited
To practice Professional Engineering
in Newfoundland and Labrador.
Permit No. as issued by PEG 00018
which is valid for the year 2017



APPROX. NORTH

NOTES:

- CONTRACTOR TO VERIFY ALL SITE CONDITIONS, LOCATIONS AND DIMENSIONS PRIOR TO COMMENCING WORK. TRACE OUT ALL SYSTEMS BEFORE INITIATING WORK. COORDINATE SYSTEM SHUT DOWNS & SERVICE INTERRUPTIONS WITH OWNER.
- PROVIDE ALL MATERIALS & LABOUR REQUIRED TO INSTALL ALL REQUIRED COMPONENTS IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS & DRAWINGS THAT FORM PART OF THIS CONTRACT.
- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 28 2017
revisions		date

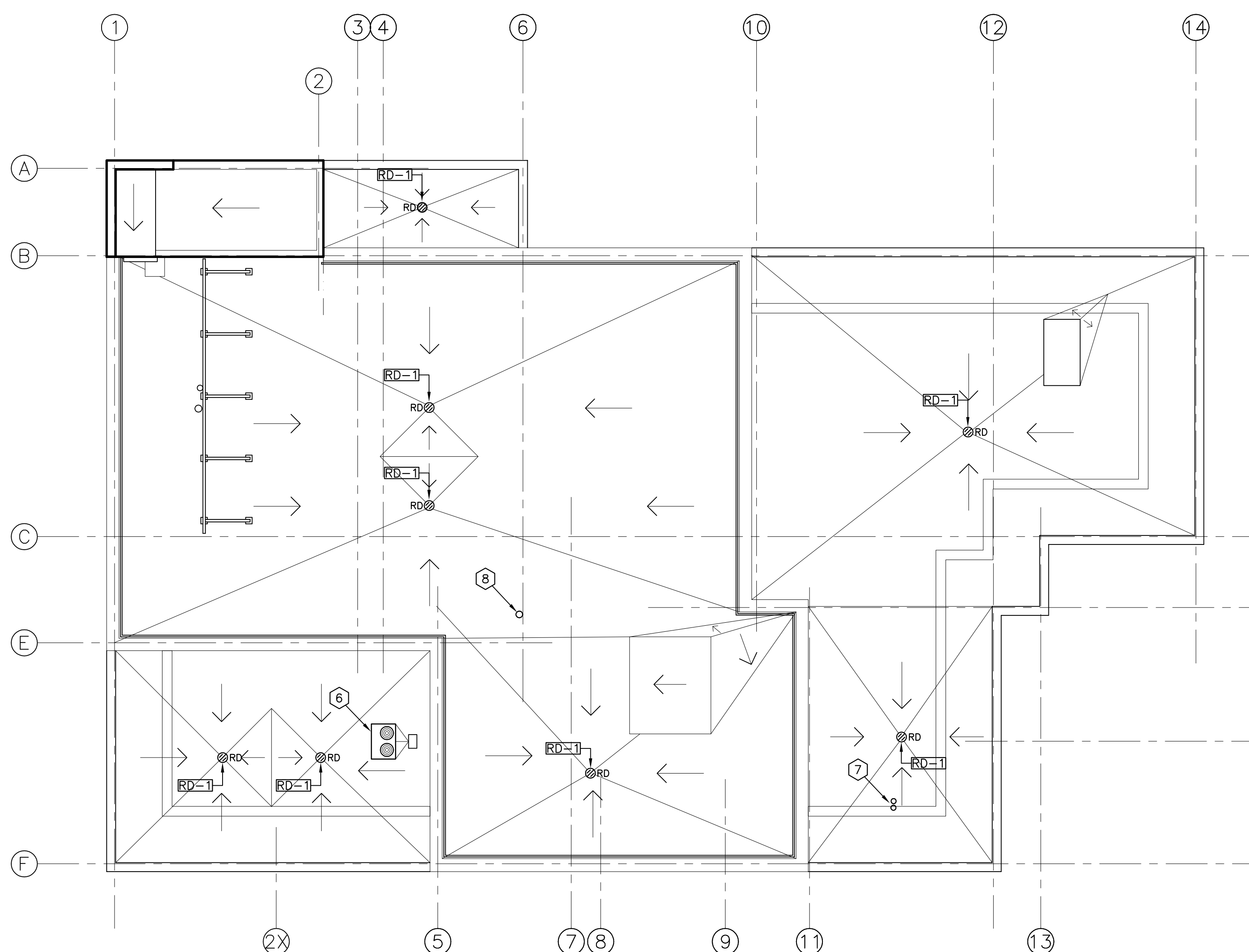
project

MCTS CENTRE

PORT AUX BASQUES

drawing design
MECHANICAL
ROOF PLAN &
FIRE PROTECTION PLANS

designed D.W. conçu
date JUNE 28, 2017
drawn T.B. dessiné
date JUNE 28, 2017
approved J.B. approuvé
date JUNE 28, 2017
Tender J.F. Macgillivray July 14, 2017
Project Manager Adm. Directeur des projets TPSGC
project number no. du projet
R.082780.004
drawing no. no. du dessin
M1



ROOF PLAN

SCALE : 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

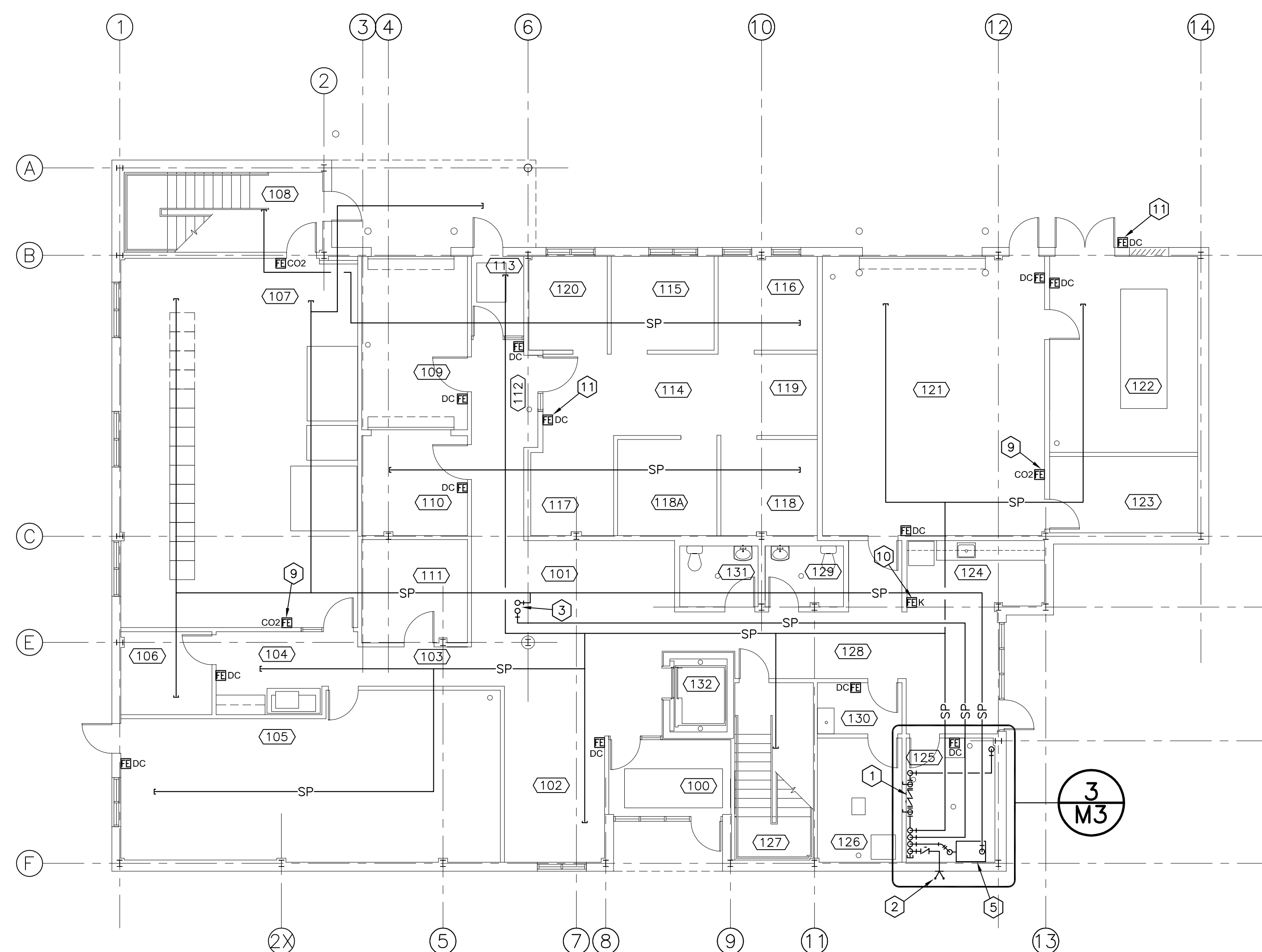
ROOM NAME LIST - LEVEL 1 ROOM NAME LIST - LEVEL 2

100 VESTIBULE	200 STAIR #1
101 LOBBY	201 CORRIDOR
102 RECEPTION	202 LOBBY
103 CORRIDOR	203 MECHANICAL ROOM
104 SHARED EQUIPMENT (COPIER)	204 MCTS OFFICE
105 E&I HEATED STORAGE	205 JANITOR
106 LAN ROOM	206 MCTS DEBRIEF
107 E&I ELECTRONICS EQUIPMENT ROOM	207 WASHROOM
108 STAIR #2	208 WASHROOM
109 MOCK-UP SPACE	209 MCTS OPERATIONS ROOM
110 WORKSPACE - DIRTY	210 STAIR #2
111 MCTS STORAGE	211 SHARED BOARDROOM/TRAINING
112 CORRIDOR	212 MCTS KITCHEN
113 VESTIBULE	213 CORRIDOR
114 E&I CLEAN WORKSHOP	214 CORRIDOR
115 WORKSTATION #1	215 MCTS LOCKER ROOM
116 WORKSTATION #2	216 SHOWER ROOM
117 PERSONAL STORAGE AREA	217 ELEVATOR
118 WORKSTATION #3	
118A WORKSTATION #4	
119 PACE SOLDERING STATION	
120 INNAV TECH/AUTOCAD	
121 STORAGE	
122 GENERATOR ROOM	
123 ELECTRICAL ROOM	
124 KITCHEN	
125 WATER ENTRY	
126 RECYCLING	
127 STAIR #1	
128 CORRIDOR	
128A CORRIDOR	
129 FEMALE WASHROOM	
130 JANITOR	
131 MALE WASHROOM	
132 ELEVATOR	

DRAWING NOTES:

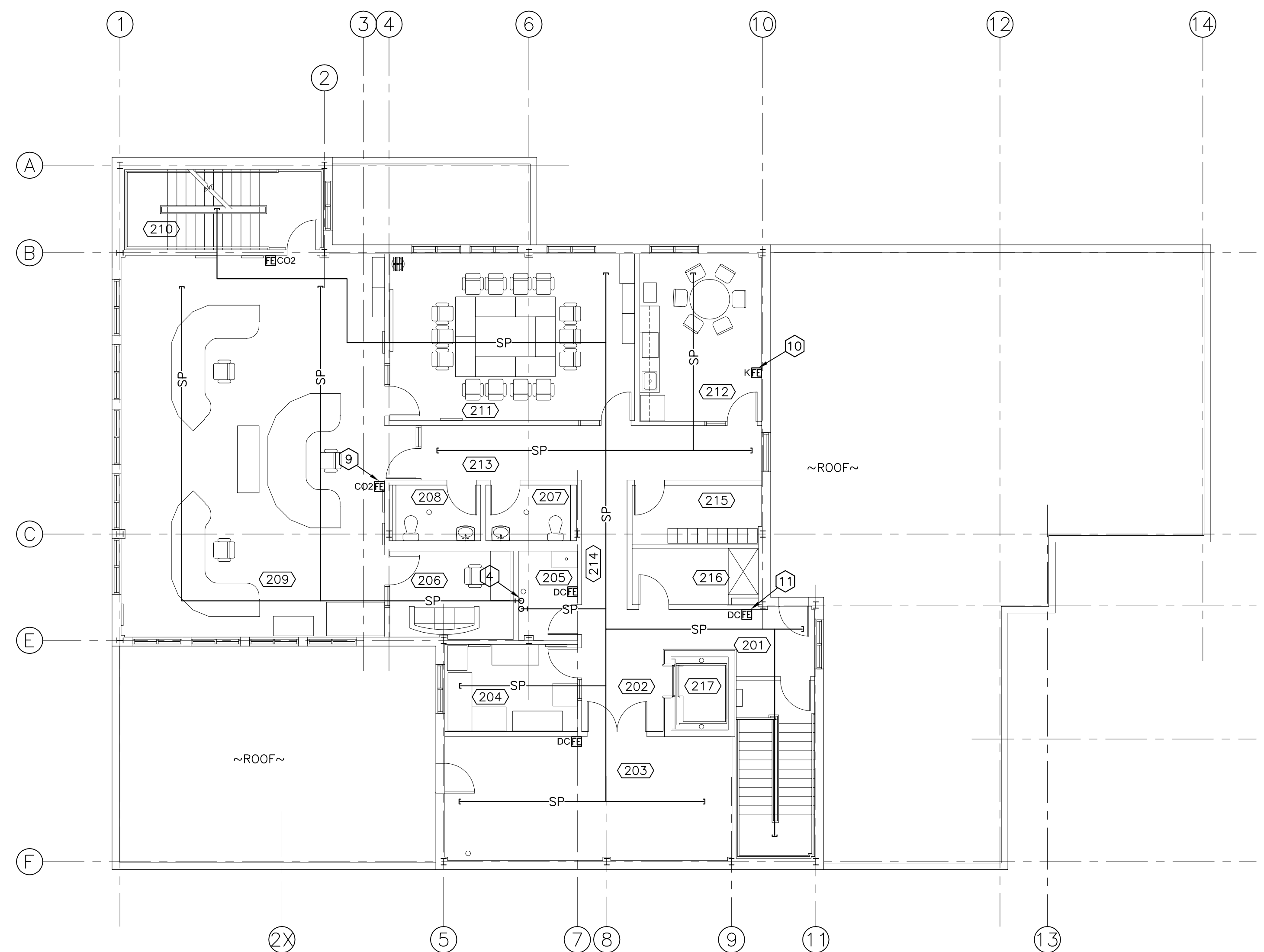
- SPRINKLER WATER ENTRANCE. SEE DETAIL 5 ON DRAWING M5.
- FIRE DEPARTMENT SIAMESE CONNECTION.
- WET AND DRY SPRINKLER MAINS UP THROUGH FLOOR TO SERVE SECOND LEVEL. FOR CONTINUATION SEE PLAN 3 THIS SHEET. SECOND FLOOR FLOOR PENETRATIONS TO BE SLEEVED AND FIRE STOPPED.
- WET AND DRY SPRINKLER MAINS DOWN, FOR CONTINUATION SEE PLAN 2 THIS SHEET.
- SELF CONTAINED DOUBLE INTERLOCK PREACTION RELEASE SYSTEM. SEE SPECIFICATION FOR DETAILS.
- ROOF MOUNTED CONDENSING UNIT.
- 50mm VENT LINES SERVING OIL INTERCEPTOR AT ELEVATOR PIT DRAIN. FOR CONTINUATION SEE PLAN 1 ON DRAWING M2.
- 100mm VENT LINE. FOR CONTINUATION SEE PLAN 2 ON DRAWING M2.
- CARBON DIOXIDE FIRE EXTINGUISHER MOUNTED ON WALL BRACKET (TYPICAL). SEE PLANS 2 AND 3 THIS SHEET FOR LOCATIONS AND QUANTITY. SEE SPECIFICATIONS FOR MORE DETAILS.
- WET CHEMICAL CLASS K FIRE EXTINGUISHER MOUNTED ON WALL BRACKET (TYPICAL). SEE PLANS 2 AND 3 THIS SHEET FOR LOCATIONS AND QUANTITY. SEE SPECIFICATIONS FOR MORE DETAILS.
- 4.5kg MULTIPURPOSE DRY CHEMICAL FIRE EXTINGUISHER MOUNTED ON WALL BRACKET. (TYPICAL). SEE PLANS 2 & 3 THIS DRAWING FOR LOCATIONS AND QUANTITY.

DRAWING LEGEND - ROOF DRAINAGE & FIRE PROTECTION	
	BALL VALVE
	GATE VALVE
	CHECK VALVE
	STRAIGHT TEE
	TOP TAKE-OFF TEE
	ROOF DRAIN
	PIPE ELBOW DOWN
	PIPE ELBOW UP
	SPRINKLER PIPING
	DC EX
	K EX
	CO2 EX
	FIRE DEPARTMENT CONNECTION
	A - PLAN, SECTION, ELEVATION, OR DETAIL NUMBER
	B - NUMBER OF THE DRAWING WHERE THE ABOVE IS DRAWN



LEVEL 1 FIRE PROTECTION PLAN

SCALE : 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m



LEVEL 2 FIRE PROTECTION PLAN

SCALE : 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m