



APPROX. NORTH

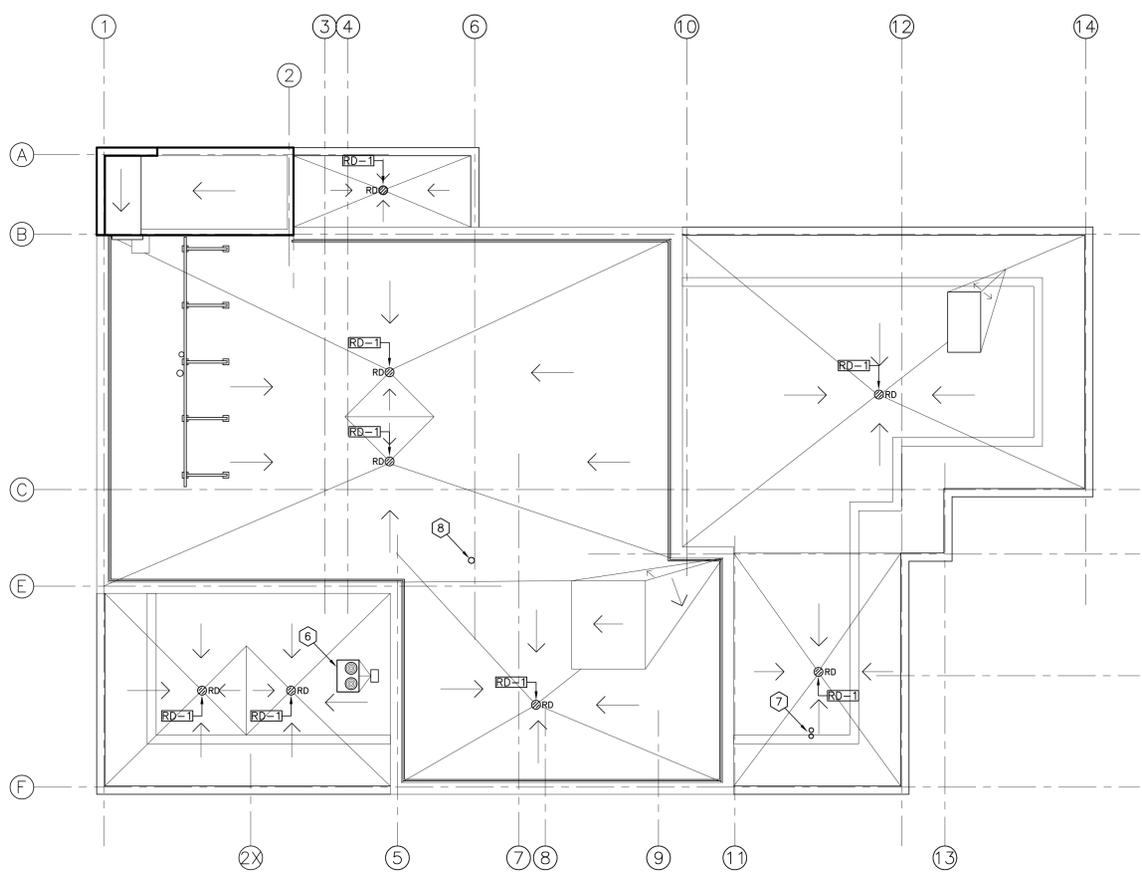
- NOTES:
- CONTRACTOR TO VERIFY ALL SITE CONDITIONS, LOCATIONS AND DIMENSIONS PRIOR TO COMMENCING WORK. TRACE OUT ALL SYSTEMS BEFORE INITIATING WORK. COORDINATE SYSTEM SHUT DOWNS & SERVICE INTERRUPTIONS WITH OWNER.
 - PROVIDE ALL MATERIALS & LABOUR REQUIRED TO INSTALL ALL REQUIRED COMPONENTS IN ACCORDANCE 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		project

MCTS CENTRE
PORT AUX BASQUES

drawing design
MECHANICAL ROOF PLAN & FIRE PROTECTION PLANS

designed	D.W.	conqu
date	JUNE 28, 2017	
drawn	TBO	dessiné
date	JUNE 28, 2017	
approved	[Signature]	approuvé
date	JUNE 28, 2017	
Tender	J.P. Macgillivray July 19/17	
Project Manager	Administrateur des projets TPSCC	
project number		no. du projet
	R.082780.004	
drawing no.		no. du dessin
	M1	



ROOF PLAN
 SCALE : 1:100

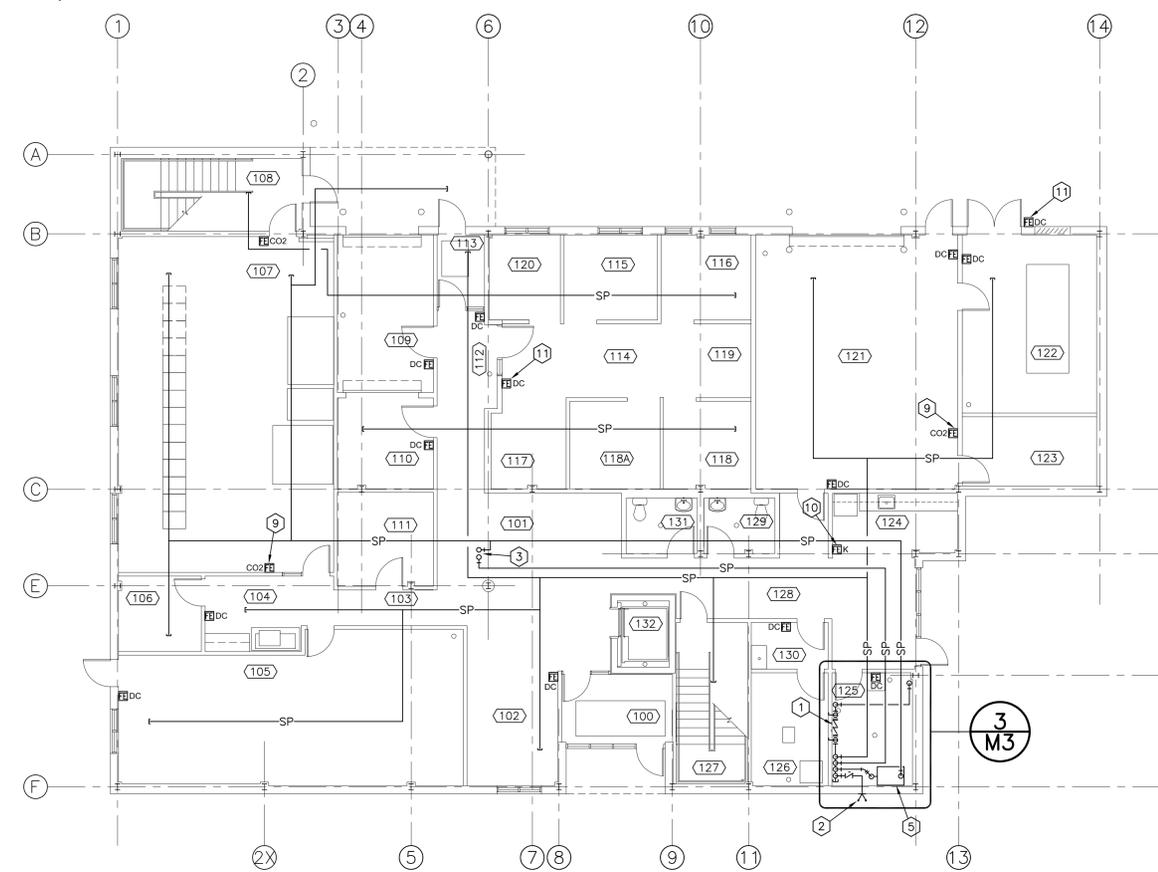
ROOM NAME LIST - LEVEL 1	ROOM NAME LIST - LEVEL 2
100 VESTIBULE	200 STAIR #1
101 LOBBY	201 CORRIDOR
102 RECEPTION	202 LOBBY
103 CORRIDOR	203 MECHANICAL ROOM
104 SHARED EQUIPMENT (COPIER)	204 MCTS OFFICE
105 E&I HEATED STORAGE	205 JANITOR
106 LAN ROOM	206 MCTS DEBRIEF
107 E&I ELECTRONICS EQUIPMENT ROOM	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

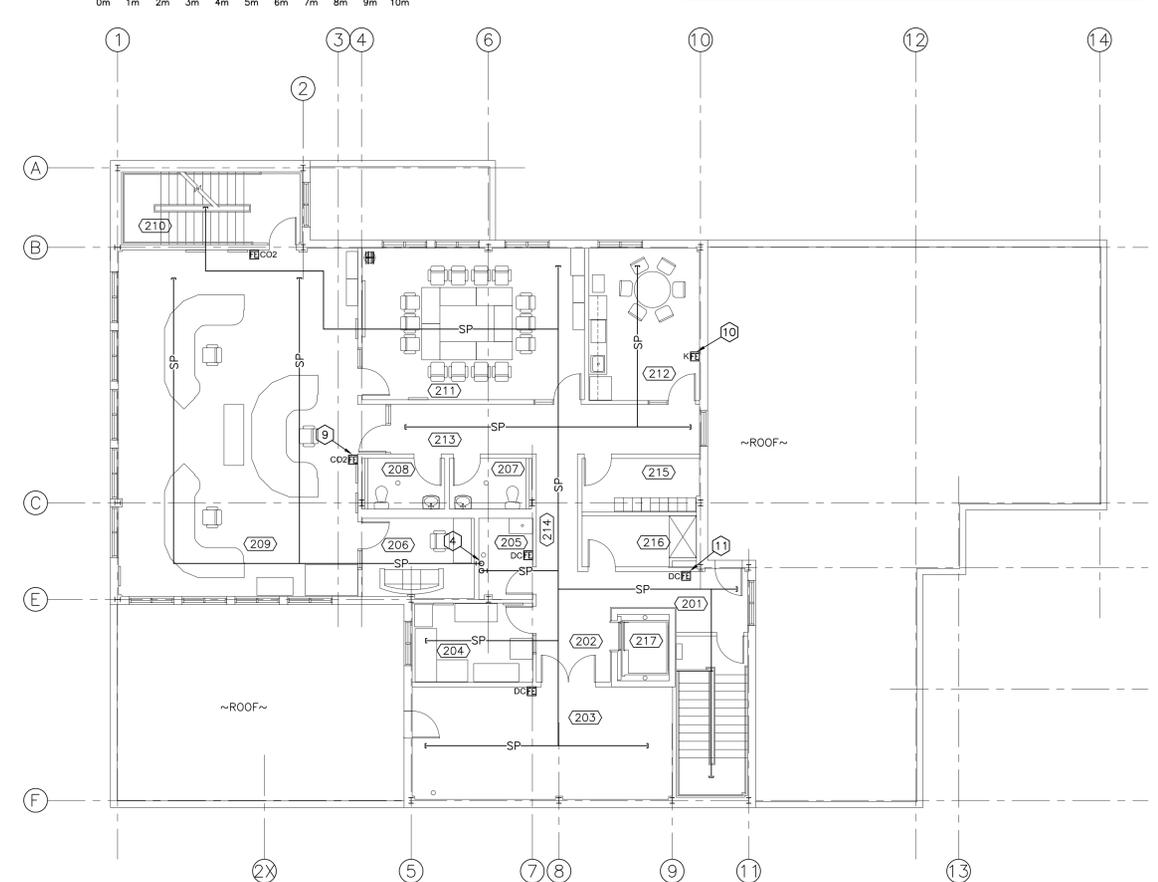
[Symbol]	BALL VALVE
[Symbol]	GATE VALVE
[Symbol]	CHECK VALVE
[Symbol]	STRAIGHT TEE
[Symbol]	TOP TAKE-OFF TEE
[Symbol]	ROOF DRAIN
[Symbol]	PIPE ELBOW DOWN
[Symbol]	PIPE ELBOW UP
[Symbol]	SPRINKLER PIPING
[Symbol]	DRY CHEMICAL FIRE EXTINGUISHER
[Symbol]	WET CHEMICAL CLASS K FIRE EXTINGUISHER
[Symbol]	CARBON DIOXIDE FIRE EXTINGUISHER
[Symbol]	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

NOTE:
 PROPOSED SPRINKLER MAINS ROUTING SHOWN FOR REFERENCE ONLY. ACTUAL ROUTING AND SPRINKLER HEAD LAYOUT AS PER NFPA 13 REQUIREMENTS FOR LIGHT HAZARD. FOR MORE DETAILS SEE SPECIFICATIONS.



LEVEL 2 FIRE PROTECTION PLAN
 SCALE : 1:100

NOTE:
 PROPOSED SPRINKLER MAINS ROUTING SHOWN FOR REFERENCE ONLY. ACTUAL ROUTING AND SPRINKLER HEAD LAYOUT AS PER NFPA 13 REQUIREMENTS FOR LIGHT HAZARD. FOR MORE DETAILS SEE SPECIFICATIONS.