

Public Works and
Government Services
Canada

Architectural and
Engineering Services
Atlantic Region

Travaux publics et
Services gouvernementaux
Canada

Services d'architecture
et de génie
Région de l'Atlantique

FIRE ALARM UPGRADE NOVA INSTITUTION

TRURO, NOVA SCOTIA CANADA

PROJECT NO. R.089585.001

ISSUED FOR TENDER – OCTOBER 27, 2020

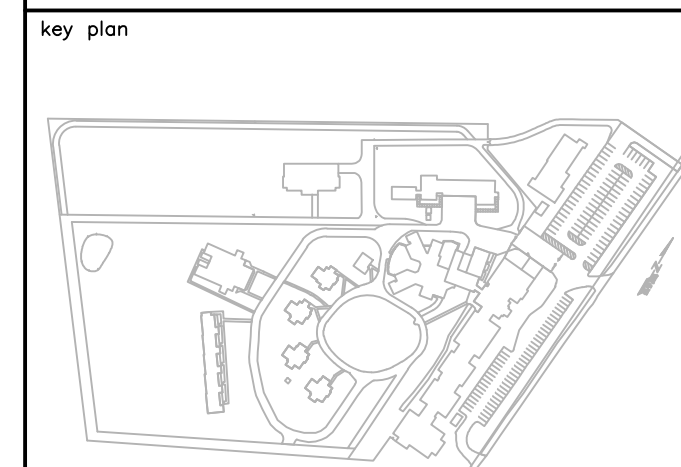
DRAWING LIST

ELECTRICAL

E-1	ELECTRICAL SITE PLAN
E-2	MAIN BUILDING GROUND FLOOR NORTH SIDE FIRE ALARM PLAN
E-3	MAIN BUILDING GROUND FLOOR SOUTH SIDE FIRE ALARM PLAN
E-4	MAIN BUILDING SECOND FLOOR FIRE ALARM PLAN
E-5	FOOD, HEALTH SERVICES AND SECURED UNIT BUILDING GROUND FLOOR FIRE ALARM PLANS
E-6	FOOD, HEALTH SERVICES AND SECURED UNIT BUILDING SECOND FLOOR FIRE ALARM PLANS
E-7	MAINTENANCE BUILDING FIRE ALARM PLAN
E-8	14 BED MINIMUM SECURITY BUILDING GROUND AND SECOND FLOOR FIRE ALARM PLANS
E-9	ROW HOUSE 1,2,3 & 4 GROUND AND SECOND FLOOR FIRE ALARM PLANS
E-10	ROW HOUSE 5,6,7,8 & 9 BASEMENT, GROUND AND SECOND FLOOR FIRE ALARM PLANS
E-11	STRUCTURED LIVING ENVIRONMENT AND PRIVATE FAMILY VISIT BUILDINGS FIRE ALARM PLANS
E-12	PROGRAMS BUILDING FIRE ALARM PLANS
E-13	EXISTING PARTIAL FIBRE BACKBONE RISER

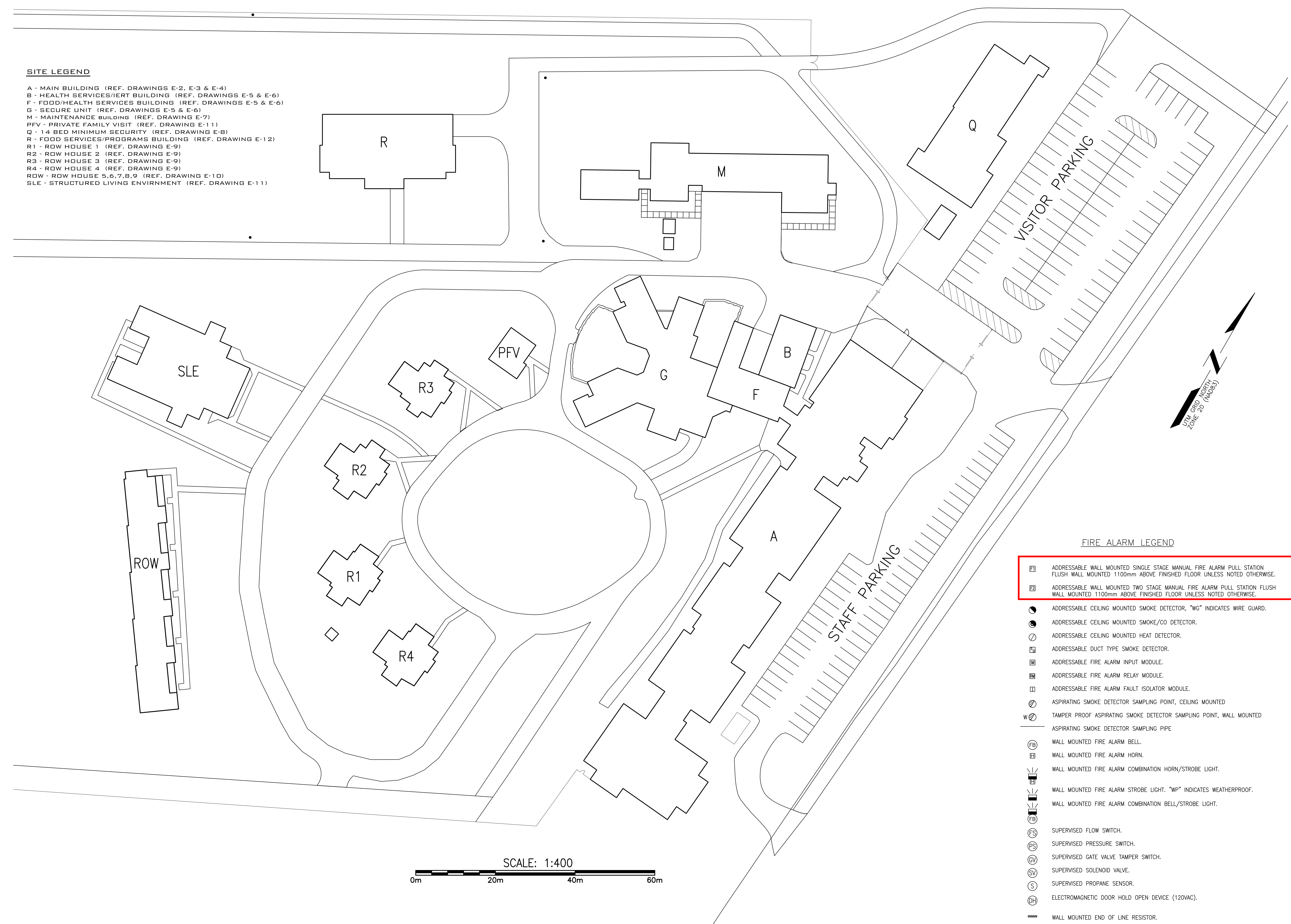
**WALL TYPE IDENTIFICATION
SUBMITTED FOR INFORMATION
JANUARY 29, 2021**

Canada



SITE LEGEND

- A - MAIN BUILDING (REF. DRAWINGS E-2, E-3 & E-4)
- B - HEALTH SERVICES/IERT BUILDING (REF. DRAWINGS E-5 & E-6)
- F - FOOD/HEALTH SERVICES BUILDING (REF. DRAWINGS E-5 & E-6)
- G - SECURE UNIT (REF. DRAWINGS E-5 & E-6)
- M - MAINTENANCE BUILDING (REF. DRAWING E-7)
- PFV - PRIVATE FAMILY VISIT (REF. DRAWING E-11)
- Q - 14 BED MINIMUM SECURITY (REF. DRAWING E-8)
- R - FOOD SERVICES/PROGRAMS BUILDING (REF. DRAWING E-12)
- R1 - ROW HOUSE 1 (REF. DRAWING E-9)
- R2 - ROW HOUSE 2 (REF. DRAWING E-9)
- R3 - ROW HOUSE 3 (REF. DRAWING E-9)
- R4 - ROW HOUSE 4 (REF. DRAWING E-9)
- ROW - ROW HOUSE 5,6,7,8,9 (REF. DRAWING E-10)
- SLE - STRUCTURED LIVING ENVIRONMENT (REF. DRAWING E-11)



FIRE ALARM LEGEND

- ADDRESSABLE WALL MOUNTED SINGLE STAGE MANUAL FIRE ALARM PULL STATION FLUSH WALL MOUNTED 1100mm ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- ADDRESSABLE WALL MOUNTED TWO STAGE MANUAL FIRE ALARM PULL STATION FLUSH WALL MOUNTED 1100mm ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- ADDRESSABLE CEILING MOUNTED SMOKE DETECTOR, "WG" INDICATES WIRE GUARD.
- ADDRESSABLE CEILING MOUNTED SMOKE/CO DETECTOR.
- ADDRESSABLE CEILING MOUNTED HEAT DETECTOR.
- ADDRESSABLE DUCT TYPE SMOKE DETECTOR.
- ADDRESSABLE FIRE ALARM INPUT MODULE.
- ADDRESSABLE FIRE ALARM RELAY MODULE.
- ADDRESSABLE FIRE ALARM FAULT ISOLATOR MODULE.
- ASPIRATING SMOKE DETECTOR SAMPLING POINT, CEILING MOUNTED
- TAMPER PROOF ASPIRATING SMOKE DETECTOR SAMPLING POINT, WALL MOUNTED
- ASPIRATING SMOKE DETECTOR SAMPLING PIPE
- WALL MOUNTED FIRE ALARM BELL.
- WALL MOUNTED FIRE ALARM HORN.
- WALL MOUNTED FIRE ALARM COMBINATION HORN/STROBE LIGHT.
- WALL MOUNTED FIRE ALARM STROBE LIGHT. "WP" INDICATES WEATHERPROOF.
- WALL MOUNTED FIRE ALARM COMBINATION BELL/STROBE LIGHT.
- SUPERVISED FLOW SWITCH.
- SUPERVISED PRESSURE SWITCH.
- SUPERVISED GATE VALVE TAMPER SWITCH.
- SUPERVISED SOLENOID VALVE.
- SUPERVISED PROPANE SENSOR.
- ELECTROMAGNETIC DOOR HOLD OPEN DEVICE (120VAC).
- WALL MOUNTED END OF LINE RESISTOR.
- SURFACE MOUNTED FIRE ALARM PANEL.
- RECESSED OR SEMI-RECESSED FIRE ALARM PANEL.
- FIRE ALARM REMOTE ANNUNCIATOR PANEL.
- EXISTING FLUSH MOUNTED 120/208V BRANCH CIRCUIT PANEL.
- EXISTING SURFACE MOUNTED 120/208V BRANCH CIRCUIT PANEL.



DOOR ANNUNCIATOR LEGEND

- DOOR ANNUNCIATOR CONTROL PANEL.
- DOOR ANNUNCIATOR KEYPAD SURFACE WALL MOUNTED 1200mm A.F.F.
- DOOR ANNUNCIATOR MAGNETIC DOOR CONTACT.
- END OF LINE RESISTOR.

DOOR ANNUNCIATOR LEGEND

- DOOR ANNUNCIATOR CONTROL PANEL.
- DOOR ANNUNCIATOR KEYPAD SURFACE WALL MOUNTED 1200mm A.F.F.
- DOOR ANNUNCIATOR MAGNETIC DOOR CONTACT.
- END OF LINE RESISTOR.

1	ISSUED FOR TENDER	10/27/2020
revisions		date

project **FIRE ALARM UPGRADE NOVA INSTITUTION** project

TRURO, NS

drawing **ELECTRICAL SITE PLAN** design

designed PM	conçu
date MARCH 2020	
drawn BD	dessiné
date MARCH 2020	
approved RGR	approuvé
date MARCH 2020	

Tender	Soumission
PWSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
R.089585.001	
drawing no.	no. du dessin
E-1	

GENERAL NOTES:

EXISTING SIEMENS FIRE ALARM SYSTEM IS TO BE REPLACED WITH NEW GENERATION ADDRESSABLE FIRE ALARM SYSTEM.
 EXISTING INITIATING AND SIGNAL CIRCUIT WIRING IS TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
 EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

- 1 EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
- 2 EXISTING BELL/STROBE SIGNAL CIRCUIT DEVICE TO BE REPLACED WITH NEW HORN/STROBE DEVICE.
- 3 EXISTING RECESSED FIRE ALARM PANEL TO BE REPLACED WITH NEW RECESSED FIRE ALARM PANEL. ADJUST EXISTING WALL OPENING AS REQUIRED TO ACCOMMODATE NEW PANEL. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- 4 EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.
- 5 EXTEND EXISTING FIRE ALARM SIGNAL CIRCUITRY TO NEW DEVICE.
- 6 ASPIRATING SMOKE DETECTOR CONTROL PANEL. EXTEND 21mm AIR SAMPLING PIPING TO TOP OF ADJACENT ELEVATOR SHAFT. FEED FROM SPARE 15A-1P CIRCUIT BREAKER IN EXISTING PANEL "PBBB".
- 7 EXISTING REMOTE ANNUNCIATOR TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH NEW REMOTE ANNUNCIATOR WHERE REQUIRED.
- 8 EXISTING GRAPHIC ANNUNCIATOR PANEL TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH NEW GRAPHIC ANNUNCIATOR PANEL WHERE REQUIRED.
- 9 REMOVE FUSIBLE LINK FROM EXISTING FIRE SHUTTER. PROVIDE ELECTRIC SOLENOID KIT TO RELEASE SHUTTER ON ACTUATION OF SECOND STAGE FIRE ALARM. FEED FROM SPARE 15A-1P CIRCUIT BREAKER IN EXISTING PANEL "PBBB".
- 10 RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- 11 CONNECT ASPIRATING SMOKE DETECTOR CONTROL PANEL TO SPARE 1-15A-1P CIRCUIT BREAKER IN EXISTING PANEL "PBBB" (EATON PRL1). PROVIDE CIRCUIT BREAKER LOCK. CONFIRM EXACT LOCATION OF PANEL ON SITE.
- 12 CONNECT THREE FIRE SHUTTER SOLENOID KITS (ONE ON GROUND FLOOR AND TWO ON SECOND FLOOR) TO SPARE 1-15A-1P CIRCUIT BREAKER IN EXISTING PANEL "PBBB" (EATON PRL1). PROVIDE CIRCUIT BREAKER LOCK. CONFIRM EXACT LOCATION OF PANEL ON SITE.

TYPE 1
 -13mm GYPSUM BOARD
 -38 X 140mm WOOD STUDS @ 400mm
 -50mm BATT INSULATION
 -13mm GYPSUM BOARD

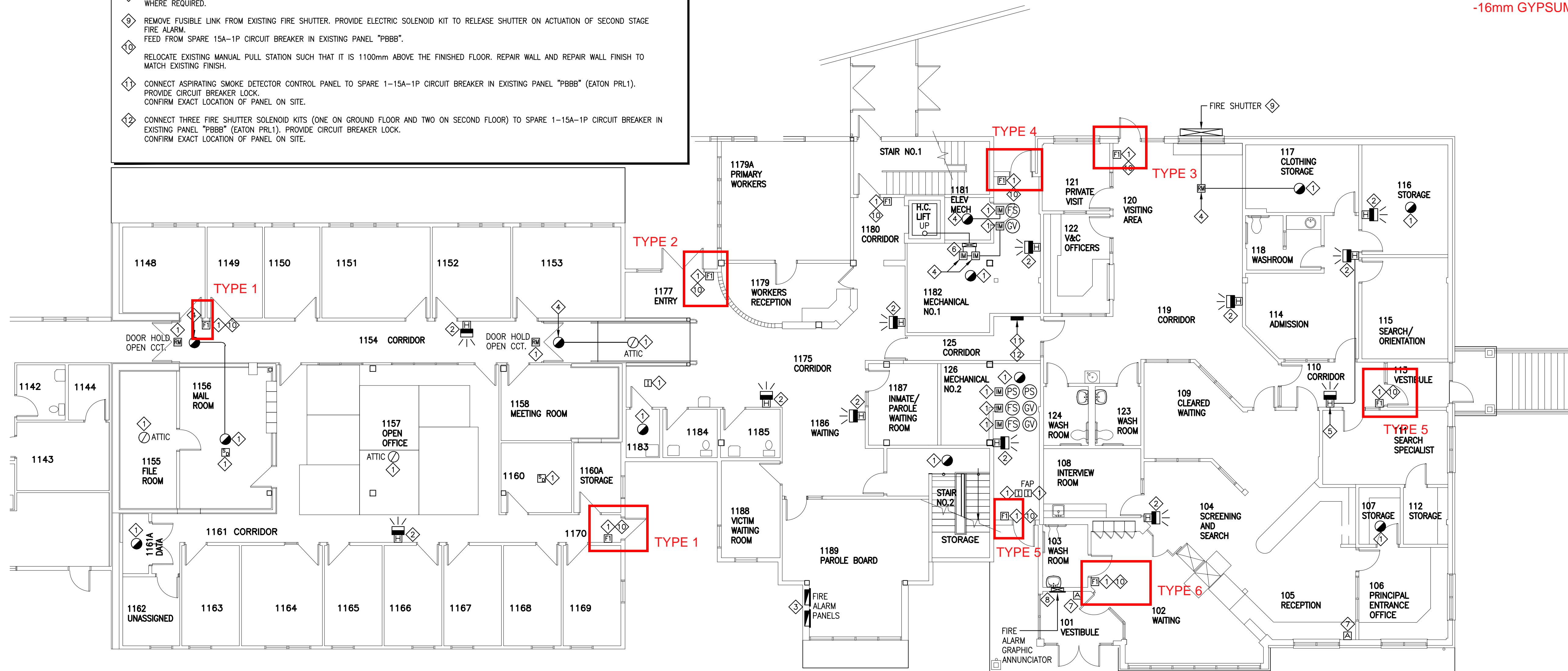
TYPE 2
 -VINYL SIDING
 -AIR BARRIER
 -16mm FIBRE GYPSUM BOARD
 -38 X 140mm WOOD STUDS @ 400mm
 -BATT INSULATION
 -VAPOUR BARRIER
 -40mm RIGID INSULATION
 -13mm GYPSUM BOARD

TYPE 3
 -90mm BRICK VENEER
 -25mm AIR SPACE
 -25mm RIGID INSULATION
 -AIR BARRIER
 -16mm PLYWOOD
 -38 X 140mm WOOD STUDS @ 400mm
 -FOAM INSULATION
 -VAPOUR BARRIER
 -2 LAYERS OF GYPSUM BOARD TYPE X

TYPE 4
 -CEMENT BOARD
 -38 X 75 VERTICAL WOOD STRAPPING
 -RIGID INSULATION
 -AIR BARRIER
 -16mm PLYWOOD SHEATING
 -38 X 140mm WOOD STUDS @ 600mm
 -FOAM INSULATION
 -VAPOUR BARRIER
 -2 LAYERS OF GYPSUM BOARD TYPE X

TYPE 5
 -SAME AS TYPE 4 EXCEPT ONLY ONE LAYER OF 16mm REGULAR GYPSUM BOARD

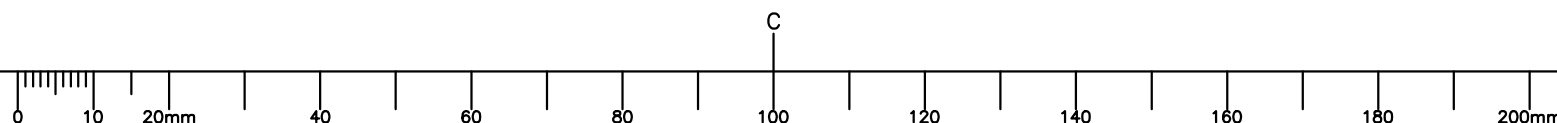
TYPE 6
 -2 LAYERS OF GYPSUM BOARD TYPE X
 -92mm STEEL STUDS @ 400mm
 -89mm INSULATION
 -16mm GYPSUM BOARD TYPE X



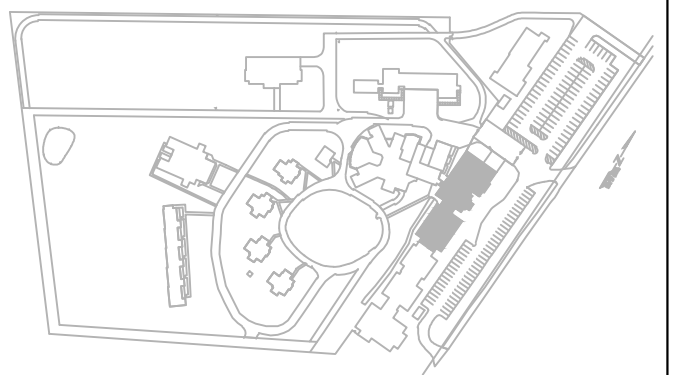
LEGEND

- | | | |
|---------------------------------|--------------------------------------|-------------------------------------|
| 101 - VESTIBULE | 1148 - COR. MANAGER OFFICE. | 1179 - WORKERS' RECEPTION |
| 102 - WAITING ROOM | 1149 - PAROLE OFFICER | 1179A - PRIMARY WORKERS |
| 103 - WASHROOM | 1150 - PAROLE OFFICER | 1180 - CORRIDOR |
| 104 - SCREENING AND SEARCH | 1151 - FILE ROOM | 1181 - ELEV. MECH. |
| 105 - RECEPTION | 1152 - PAROLE OFFICE | 1182 - MECHANICAL NO. 1 |
| 106 - PRINCIPLE ENTRANCE OFFICE | 1153 - STAFF LOUNGE | 1183 - JANITOR |
| 107 - STORAGE | 1154 - CORRIDOR | 1184 - WASHROOM |
| 108 - INTERVIEW ROOM | 1155 - FILE ROOM | 1185 - WASHROOM |
| 109 - CLEARED WAITING | 1156 - MAIL ROOM | 1186 - WAITING ROOM |
| 110 - CORRIDOR | 1157 - OPEN OFFICE | 1187 - INMATE / PAROLE WAITING ROOM |
| 111 - SEARCH SPECIALIST | 1158 - SMALL MEETING ROOM | 1188 - VICTIM WAITING ROOM |
| 112 - STORAGE | 1160 - PHOTOCOPY ROOM | 1189 - PAROLE BOARD |
| 113 - VESTIBULE | 1160A - STORAGE | |
| 114 - ADMISSION | 1161 - CORRIDOR | |
| 115 - SEARCH / ORIENTATION | 1161A - DATA | |
| 116 - STORAGE | 1162 - INT. | |
| 117 - CLOTHING STORAGE | 1163 - COR. MANAGER OFFICE | |
| 118 - WASHROOM | 1164 - CHIEF OF MAT. MANAGEMENT | |
| 119 - CORRIDOR | 1165 - ASSIST. WARDEN OF OPERATION | |
| 120 - VISITING AREA | 1166 - PROGRAMS FACILITY | |
| 121 - PRIVATE VISIT | 1167 - SENTENCE MANAGEMENT ASSOCIATE | |
| 122 - V&C OFFICERS | 1168 - PAROLE OFFICER | |
| 123 - WASHROOM | 1169 - O.M.S. OFFICE | |
| 124 - WASHROOM | 1170 - CORRIDOR | |
| 125 - CORRIDOR | 1175 - CORRIDOR | |
| 126 - MECHANICAL ROOM NO. 2 | 1177 - ENTRY | |

SCALE: 1:100



key plan



1	ISSUED FOR TENDER	10/27/2020
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revisions	date
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project	project
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FIRE ALARM UPGRADE NOVA INSTITUTION

TRURO, NS

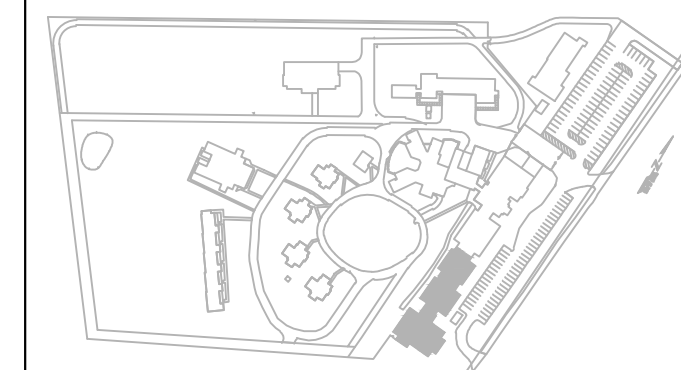
drawing **MAIN BUILDING GROUND FLOOR NORTH SIDE FIRE ALARM PLAN** dessin

designed PM	conçu
date MARCH 2020	
drawn BD	dessiné
date MARCH 2020	
approved RGR	approuvé
date MARCH 2020	
Tender	Soumission

PWGSC Project Manager / Administrateur de projets TPSGC
 project number / no. du projet
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E-2

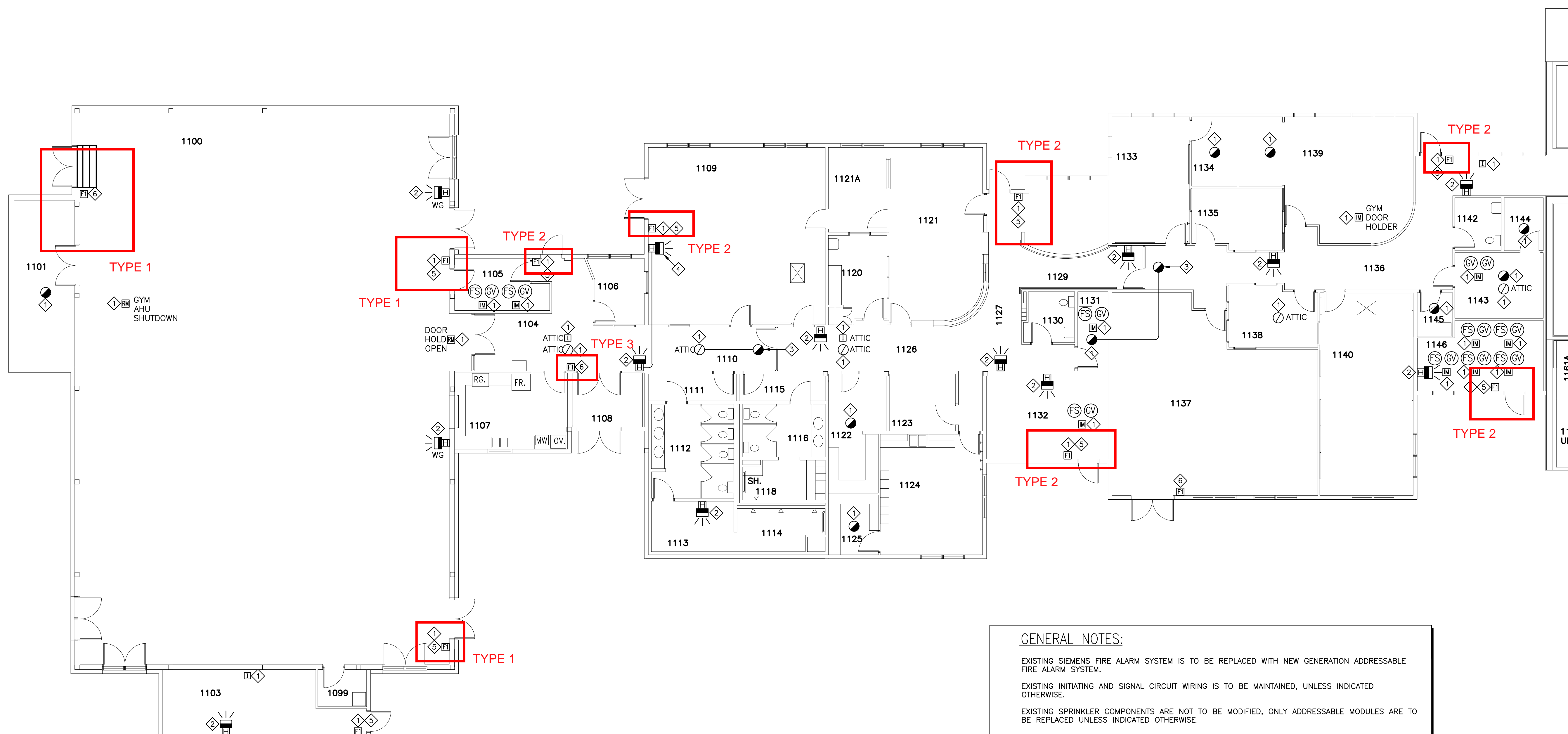
key plan



TYPE 1
 -VINYL SIDING
 -AIR BARRIER
 -16mm FIBRE BOARD
 -38 X 240mm WOD STUDS @ 400mm
 -BATT INSULATION
 -VAPOUR BARRIER
 -2 LAYERS OF FIBRE BOARDS

TYPE 2
 -VINYL SIDING
 -AIR BARRIER
 -16mm FIBRE GYPSUM BOARD
 -38 X 140mm WOOD STUDS @ 400mm
 -BATT INSULATION
 -VAPOUR BARRIER
 -40mm RIGID INSULATION
 -13mm GYPSUM BOARD

TYPE 3
 -13mm GYPSUM BOARD
 -38 X 89mm WOOD STUDS @ 400mm
 -13mm GYPSUM BOARD



LEGEND

- | | | |
|---------------------------|----------------------------|-----------------------------|
| 1099 - JANITOR | 1121 - E.E.P. | 1143 - ELECTRICAL |
| 1100 - GYMNASIUM | 1121A - OFFICE | 1144 - TELEPHONE |
| 1101 - STORAGE | 1122 - CANTINE | 1145 - JANITOR |
| 1103 - MECHANICAL | 1123 - PROGRAM OFFICE | 1146 - MECHANICAL |
| 1104 - COMMON | 1124 - ARTS & CRAFTS | 1148 - COR. MANAGER OFFICE. |
| 1105 - EQUIPMENT | 1125 - STORAGE | 1149 - PAROLE OFFICER |
| 1106 - ABORIGINAL OFFICE | 1126 - CORRIDOR | 1150 - PAROLE OFFICER |
| 1107 - GYM KITCHEN | 1127 - CORRIDOR | 1151 - FILE ROOM |
| 1108 - VESTIBULE | 1129 - CORRIDOR | 1152 - PAROLE OFFICE |
| 1109 - FITNESS CENTRE | 1130 - WASHROOM | 1153 - STAFF LOUNGE |
| 1110 - CORRIDOR | 1131 - JANITOR | 1154 - CORRIDOR |
| 1111 - VESTIBULE | 1132 - MECHANICAL | 1155 - FILE ROOM |
| 1112 - WASHROOM (FEMALE) | 1133 - GROUP ROOM | 1156 - MAIL ROOM |
| 1113 - LOCKERS | 1134 - STORAGE | 1157 - OPEN OFFICE |
| 1114 - SHOWERS | 1135 - OFFICE | 1158 - SMALL MEETING ROOM |
| 1115 - LOCKER ROOM (MALE) | 1136 - CORRIDOR | 1160 - PHOTOCOPY ROOM |
| 1116 - WASHROOM (MALE) | 1137 - PRIMARY WORK OFFICE | 1160A - STORAGE |
| 1118 - SHOWER | 1138 - OFFICE | 1161 - CORRIDOR |
| 1120 - HAIR-DRESSER | 1139 - LIBRARY | 1161A - DATA |
| | 1140 - CLASSROOM | 1162 - INT. |
| | 1142 - WASHROOM | 1163 - COR. MANAGER OFFICE |

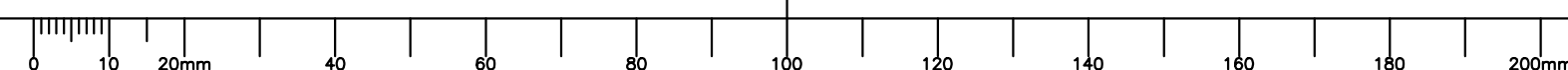
GENERAL NOTES:

EXISTING SIEMENS FIRE ALARM SYSTEM IS TO BE REPLACED WITH NEW GENERATION ADDRESSABLE FIRE ALARM SYSTEM.
 EXISTING INITIATING AND SIGNAL CIRCUIT WIRING IS TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
 EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

- ◇ EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
- ◇ EXISTING BELL/STROBE SIGNAL CIRCUIT DEVICE TO BE REPLACED WITH NEW HORN/STROBE DEVICE.
- ◇ EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.
- ◇ EXTEND EXISTING FIRE ALARM SIGNAL CIRCUITRY TO NEW DEVICE.
- ◇ RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- ◇ REMOVE EXISTING MANUAL PULL STATION. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.

SCALE: 1:100



1	ISSUED FOR TENDER	10/27/2020
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revisions	date
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project
FIRE ALARM UPGRADE NOVA INSTITUTION

TRURO, NS

drawing
MAIN BUILDING GROUND FLOOR SOUTH SIDE FIRE ALARM PLAN

designed PM conçu

date MARCH 2020

drawn BD dessiné

date MARCH 2020

approved RGR approuvé

date MARCH 2020

Tender Soumission

PWSC Project Manager Administrateur de projets TPSCG

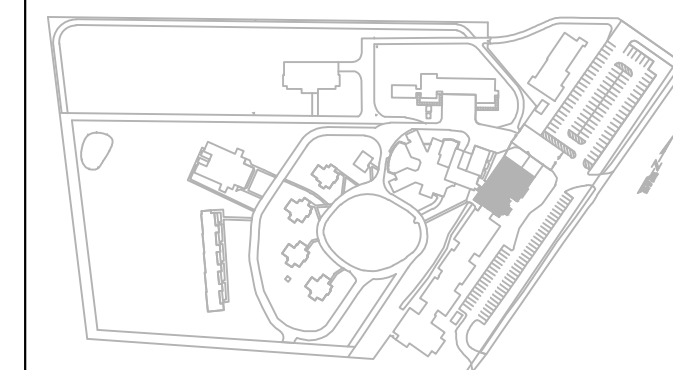
project number no. du projet

R.089585.001

drawing no. no. du dessin

E-3

key plan



GENERAL NOTES:

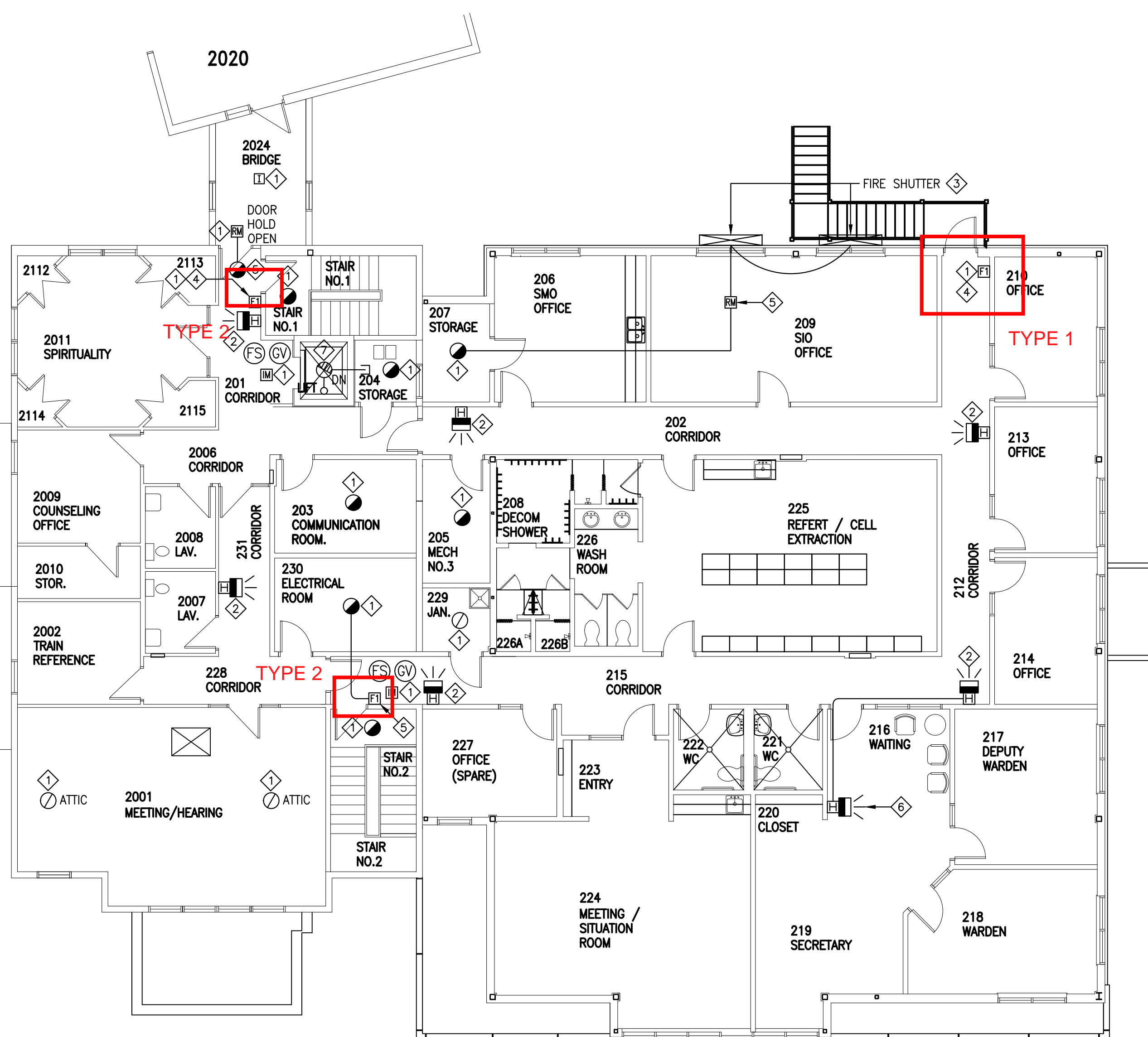
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 EXISTING INITIATING AND SIGNAL CIRCUIT WIRING IS TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
 EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

- 1 EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
- 2 EXISTING BELL/STROBE SIGNAL CIRCUIT DEVICE TO BE REPLACED WITH NEW HORN/STROBE DEVICE.
- 3 REMOVE FUSIBLE LINKS FROM EXISTING FIRE SHUTTERS. PROVIDE ELECTRIC SOLENOID KITS TO RELEASE SHUTTER ON ACTUATION OF SECOND STAGE FIRE ALARM. FEED FROM SPARE 15A-1P CIRCUIT BREAKER IN EXISTING PANEL "PB8B".
- 4 RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- 5 EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.
- 6 EXTEND EXISTING FIRE ALARM SIGNAL CIRCUITRY TO NEW DEVICE.
- 7 EXISTING ELEVATOR SHAFT SMOKE DETECTOR TO BE REMOVED AND REPLACED WITH NEW SAMPLING POINT.

TYPE 1
 -16mm GYPSUM BOARD TYPE X
 -92mm STEEL STUDS @ 400mm
 -65mm BATT INSULATION
 -16mm GYPSUM BOARD TYPE X

TYPE 2
 -16mm GYPSUM BOARD TYPE X
 -38 X 140mm WOOD STUDS @ 400mm
 -76mm BATT INSULATION
 -16mm GYPSUM BOARD TYPE X



LEGEND

- | | | |
|--------------------------|-----------------------------|--------------------------------|
| 2001 - MEETING / HEARING | 201 - CORRIDOR | 218 - WARDEN |
| 2002 - TRAIN REFERENCE | 202 - CORRIDOR | 219 - SECRETARY |
| 2003 - WAITING | 203 - COMMUNICATION ROOM | 220 - CLOSET |
| 2004 - JANITOR | 204 - STORAGE | 221 - WASHROOM |
| 2006 - CORRIDOR | 205 - MECHANICAL ROOM NO. 3 | 222 - WASHROOM |
| 2007 - WASHROOM | 206 - SMO OFFICE | 223 - ENTRY |
| 2008 - WASHROOM | 207 - STORAGE | 224 - MEETING / SITUATION ROOM |
| 2009 - COUNSELING OFFICE | 208 - DECOM SHOWER | 225 - REFERT / CELL EXTRACTION |
| 2010 - STORAGE | 209 - SMO OFFICE | 226 - WASHROOM |
| 2011 - SPIRITUALITY | 210 - OFFICE | 226A - SHOWER |
| 2012 - CLOSET | 212 - CORRIDOR | 226B - SHOWER |
| 2013 - CLOSET | 213 - OFFICE | 227 - SPARE OFFICE |
| 2014 - CLOSET | 214 - OFFICE | 228 - CORRIDOR |
| 2015 - CLOSET | 215 - CORRIDOR | 229 - JANITORIAL |
| 2024 - BRIDGE | 216 - WAITING | 230 - ELECTRICAL ROOM |
| | 217 - DEPUTY WARDEN | 231 - CORRIDOR |

SCALE: 1:100



1	ISSUED FOR TENDER	10/27/2020
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revisions		date
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project	FIRE ALARM UPGRADE NOVA INSTITUTION	project
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TRURO, NS

drawing	desain
MAIN BUILDING SECOND FLOOR FIRE ALARM PLAN	

designed	PM	conçu
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date	MARCH 2020
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drawn	BD	dessiné
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date	MARCH 2020
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approved	RGR	approuvé
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date	MARCH 2020
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Tender	Soumission
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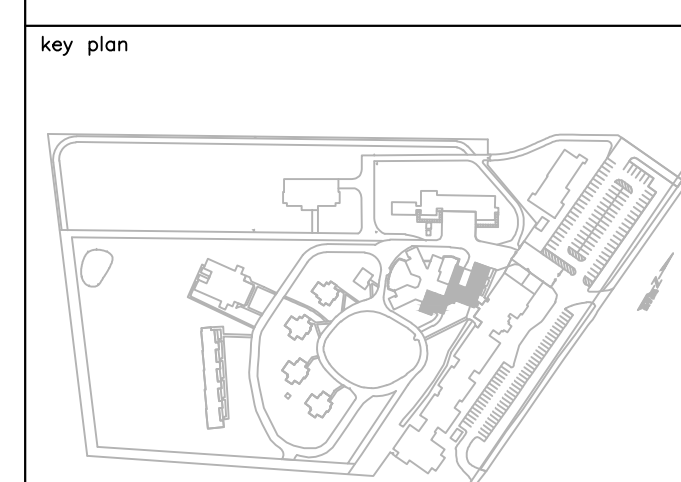
PWSC Project Manager	Administrateur de projets TPSGC
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project number	no. du projet
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R.089585.001

drawing no.	no. du dessin
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E-4



- TYPE 1**
 -90mm BRICK VENEER
 25mm AIR SPACE
 -AIR BARRIER
 -300mm POURED CONCRETE
 -100mm RIGID INSULATION
 -VAPOUR BARRIER
 -16mm GYPSUM BOARD
- TYPE 2**
 -VINYL SIDING
 -AIR BARRIER
 -16mm FIBRE GYPSUM BOARD
 -38 X 140mm WOOD STUDS @ 400mm
 -BATT INSULATION
 -VAPOUR BARRIER
 -40mm RIGID INSULATION
 -13mm GYPSUM BOARD
- TYPE 3**
 -190mm CONCRETE BLOCK
 C/W 15M STEEL REINFORCING
 AND GROUT FILLED CAVITIES

- TYPE 4**
 -90mm BRICK VENEER
 -25mm AIR SPACE
 -40mm RIGID INSULATION
 -AIR BARRIER
 -190mm CONCRETE BLOCK
 -38 X 140mm WOOD STUDS
 -BATT INSULATION
 -VAPOUR BARRIER
 -13mm GYPSUM BOARD
- TYPE 5**
 -VINYL SIDING
 -AIR BARRIER
 -16mm FIBRE BOARD
 -100mm RIGID INSULATION
 -VAPOUR BARRIER
 -190mm CONCRETE BLOCK

SECURED UNIT LEGEND

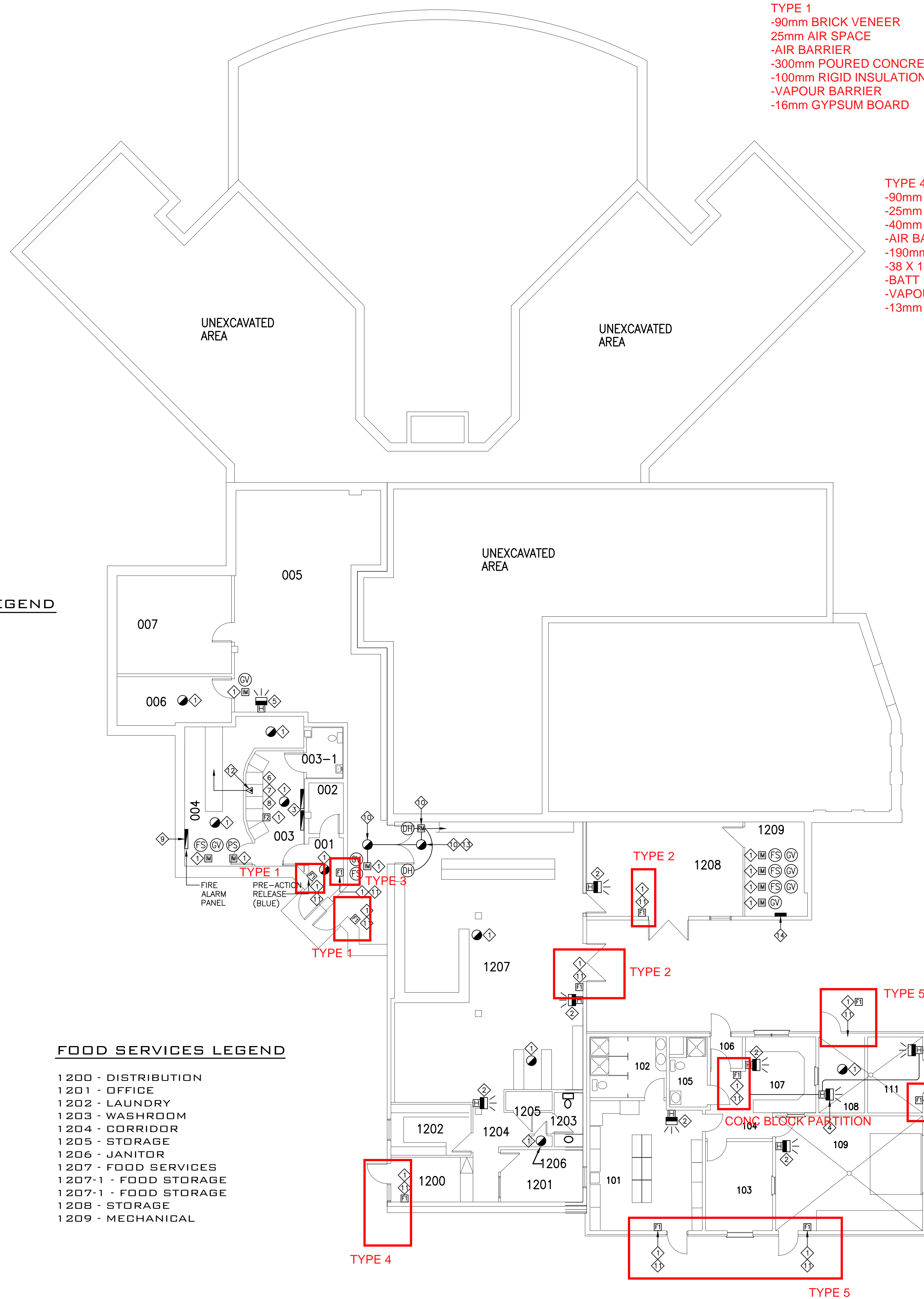
- 001 - SALLY PORT
- 002 - GAS - SECURITY
- 003 - SCC
- 003-1 - SCC WASHROOM
- 004 - EQUIPMENT ROOM
- 005 - CORRIDOR
- 006 - ELECTRICAL ROOM
- 007 - MECHANICAL ROOM
- 108 - STORAGE

FOOD SERVICES LEGEND

- 1200 - DISTRIBUTION
- 1201 - OFFICE
- 1202 - LAUNDRY
- 1203 - WASHROOM
- 1204 - CORRIDOR
- 1205 - STORAGE
- 1206 - JANITOR
- 1207 - FOOD SERVICES
- 1207-1 - FOOD STORAGE
- 1207-1 - FOOD STORAGE
- 1208 - STORAGE
- 1209 - MECHANICAL

HEALTH SERVICES LEGEND

- 101 - CORCAN STORAGE
- 102 - SHOWER & CHANGE ROOM
- 103 - STORAGE
- 104 - CORRIDOR
- 105 - LAVATORY
- 106 - VESTIBULE
- 107 - STORAGE
- 108 - ELECTRICAL
- 109 - GARAGE
- 111 - MECHANICAL ROOM



GENERAL NOTES:

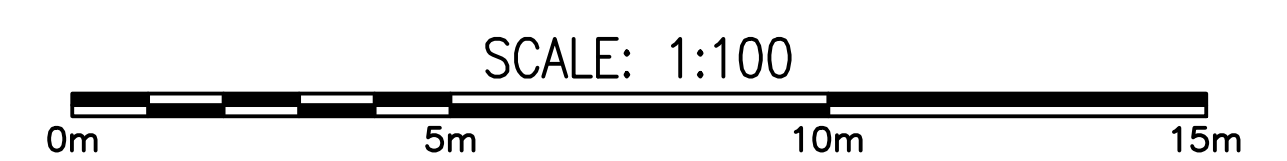
EXISTING SIEMENS FIRE ALARM SYSTEM IS TO BE REPLACED WITH NEW GENERATION ADDRESSABLE FIRE ALARM SYSTEM.

EXISTING INITIATING AND SIGNAL CIRCUIT WIRING IS TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.

EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

- ① EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
- ② EXISTING BELL/STROBE SIGNAL CIRCUIT DEVICE TO BE REPLACED WITH NEW HORN/STROBE DEVICE.
- ③ EXISTING FIRE ALARM TRANSPONDER TO BE REPLACED WITH NEW TRANSPONDER.
- ④ EXTEND EXISTING FIRE ALARM SIGNAL CIRCUITRY TO NEW DEVICE.
- ⑤ EXISTING HORN/STROBE SIGNAL CIRCUIT DEVICE TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH NEW HORN/STROBE DEVICE WHERE REQUIRED.
- ⑥ EXISTING FIRE ALARM NETWORK COMMAND CENTRE SHALL BE UPGRADED WITH EMAIL NOTIFICATION CAPABILITY.
- ⑦ FIRE ALARM SYSTEM SHALL BE PROGRAMMED SUCH THAT ALARMS IN OTHER BUILDINGS ARE RESET LOCALLY AT THE BUILDINGS RATHER THAN AT THE SCC.
- ⑧ FIRE ALARM SYSTEM SHALL INCLUDE ALL HARDWARE AND SOFTWARE FOR FUTURE CONNECTION TO A FIRE SIGNAL RECEIVING CENTRE IN ACCORDANCE WITH CAN/ULC-S559 AND CAN/ULC-S561.
- ⑨ EXISTING FIRE ALARM PANEL SHALL BE MAINTAINED FOR REPLACEMENT FIRE ALARM SYSTEM IF OF SAME MANUFACTURER, THE PANEL SHALL BE REPLACED WITH NEW SHOULD AN ALTERNATE FIRE ALARM SYSTEM BE SUPPLIED.
- ⑩ EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.
- ⑪ RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- ⑫ PROVIDE NEW DATA OUTLET, COORDINATE EXACT LOCATION ON SITE. TERMINATE NEW CATEGORY 6 CABLE ON EXISTING PATCH PANEL IN LAN CABINET IN ROOM 004.
- ⑬ PROVIDE TWO NEW ADDRESSABLE SMOKE DETECTORS, ONE NEW ADDRESSABLE RELAY MODULE, AND TWO NEW ELECTROMAGNETIC DOOR HOLD OPEN DEVICES AS INDICATED. REPROGRAM THE FIRE ALARM SYSTEM TO CAUSE THE DOORS TO CLOSE IF EITHER SMOKE DETECTOR IS ACTUATED. CONNECT DOOR HOLD OPEN DEVICES TO SPARE 15A-1P CIRCUIT BREAKER IN EXISTING PANEL "PBB".
- ⑭ CONNECT DOOR HOLD OPEN DEVICES TO SPARE 1-15A-1P CIRCUIT BREAKER IN EXISTING PANEL "PBB". PROVIDE CIRCUIT BREAKER LOCK. CONFIRM EXACT LOCATION OF PANEL ON SITE.



1	ISSUED FOR TENDER	10/27/2020
revisions		date

project: FIRE ALARM UPGRADE NOVA INSTITUTION

TRURO, NS

drawing: FOOD, HEALTH SERVICES AND SECURED UNIT BUILDING GROUND FLOOR FIRE ALARM PLANS

designed	PM	conçu
date	MARCH 2020	
drawn	BD	dessiné
date	MARCH 2020	
approved	RGR	approuvé
date	MARCH 2020	
Tender		Soumission
PWSSC Project Manager	Administrateur de projets TPSSC	
project number		no. du projet
	R.089585.001	
drawing no.		no. du dessin
	E-5	

- TYPE 1**
 -90mm BRICK VENEER
 -AIR SPACE
 -EXTERIOR SHEATING
 -INSULATION
 -38 X 140mm WOOD STUDS @ 400mm
 -40mm RIGID INSULATION
 -GYPSUM BOARD

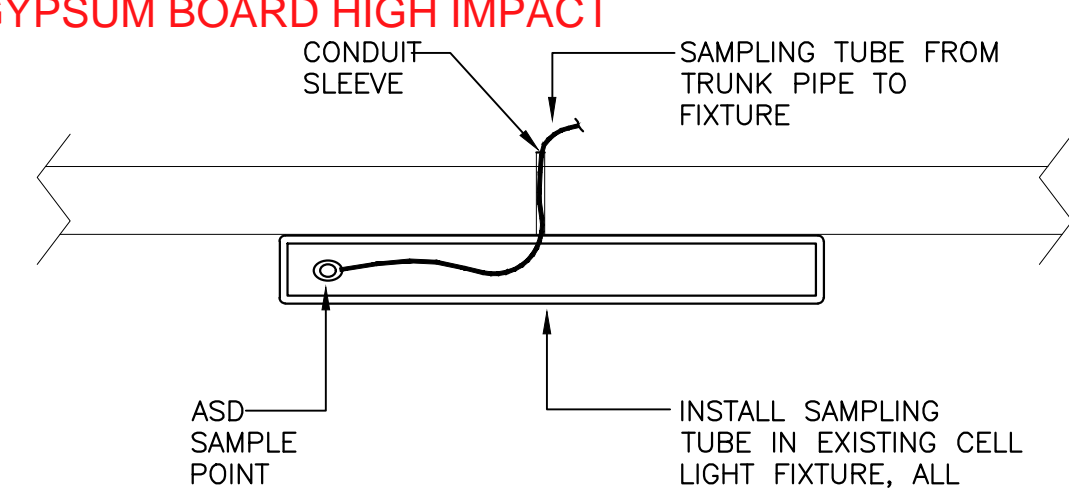
- TYPE 2**
 -90mm BLOCK VENEER
 -25mm AIR SPACE
 -AIR BARRIER
 -16mm FIBRE BOARD
 -38 X 140mm WOOD STUDS @ 400mm
 -BATT INSULATION
 -VAPOUR BARRIER
 -40mm RIGID INSULATION
 -13mm GYPSUM BOARD

- TYPE 3**
 -VINYL SIDING
 -19 X 65mm WOOD STRAPPING @ 400mm
 -100mm RIGID INSULATION
 -16mm FIBRE BOARD
 -VAPOUR BARRIER
 -38 X 140mm WOOD STUDS @ 400mm
 -16mm GYPSUM BOARD

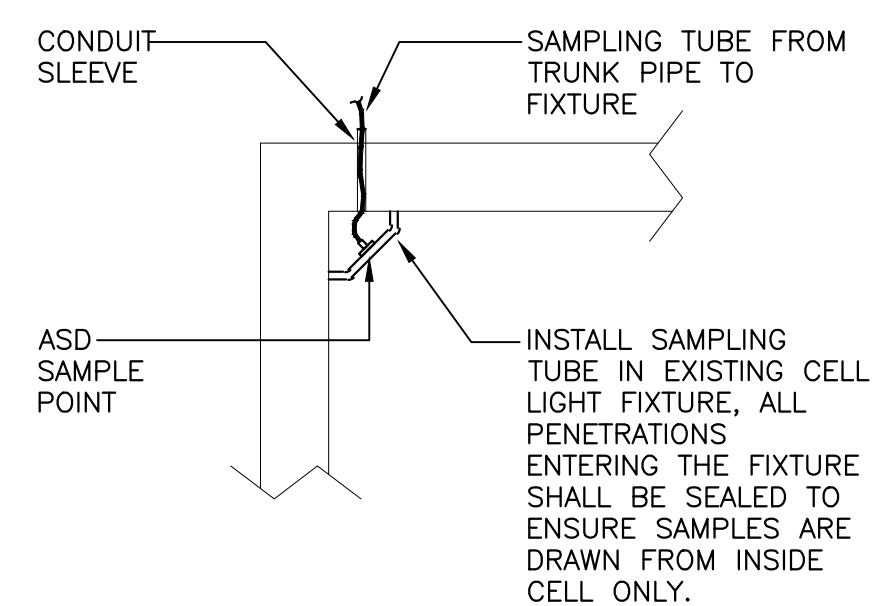
- TYPE 4**
 -16mm GYPSUM BOARD
 -152mm STEEL STUDS
 -INSULATION
 -16mm GYPSUM BOARD

- TYPE 5**
 -90mm BLOCK VENEER
 -25mm AIR SPACE
 -100mm RIGID INSULATION
 -AIR / VAPOUR BARRIER
 -190mm CONC BLOCK C/W 15M STEEL REINFORCING AND CAVITIES FILLED WITH GROUT

- TYPE 6**
 SAME AS TYPE 5 EXCEPT
 -22mm METAL FURRING @ 400mm
 -16mm GYPSUM BOARD HIGH IMPACT



1
 E6
ASPIRATING SMOKE DETECTOR SECTION A-A
 SCALE : N.T.S.



2
 E6
ASPIRATING SMOKE DETECTOR SECTION B-B
 SCALE : N.T.S.

FOOD SERVICES LEGEND

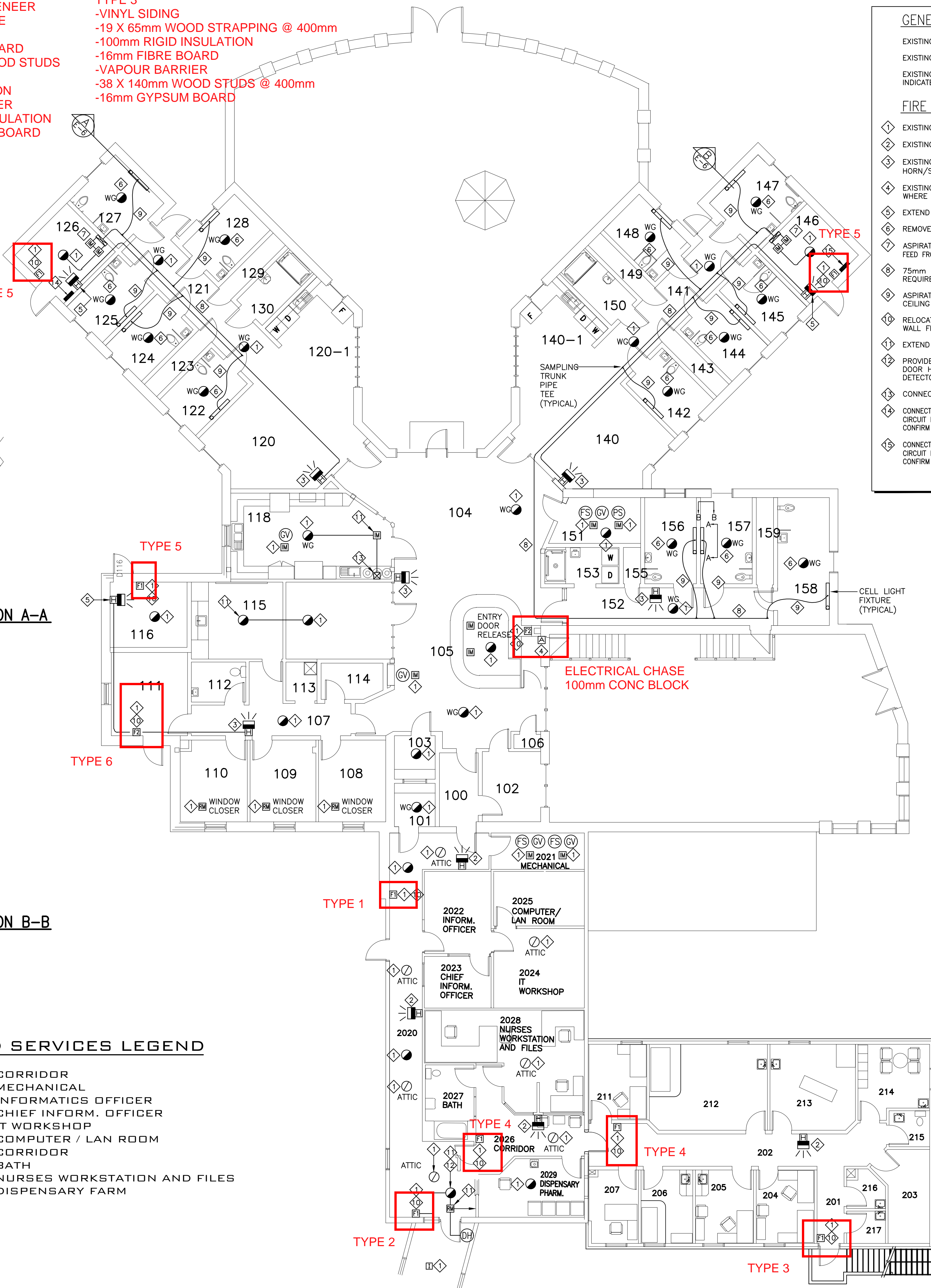
- 2020 - CORRIDOR
- 2021 - MECHANICAL
- 2022 - INFORMATICS OFFICER
- 2023 - CHIEF INFORM. OFFICER
- 2024 - IT WORKSHOP
- 2025 - COMPUTER / LAN ROOM
- 2026 - CORRIDOR
- 2027 - BATH
- 2028 - NURSES WORKSTATION AND FILES
- 2029 - DISPENSARY FARM

SECURED UNIT LEGEND

- 100 - VESTIBULE
- 101 - VISIT / PROGRAM ROOM
- 102 - INTERVIEW
- 103 - VISIT / PROGRAM ROOM
- 104 - COMMON AREA
- 105 - S.U.C.A.
- 106 - CLOSET
- 107 - CORRIDOR
- 108 - OFFICE
- 109 - OFFICE
- 110 - OFFICE
- 111 - OFFICE
- 112 - WASHROOM
- 113 - JANITOR
- 114 - STORAGE
- 115 - PROGRAMS
- 116 - MECHANICAL
- 118 - KITCHEN
- 120 - LIVING AREA
- 120-1 - DINING AREA
- 121 - CORRIDOR
- 122 - CELL
- 123 - SERVICE CHASE
- 124 - CELL
- 125 - CELL
- 126 - MECHANICAL
- 127 - CELL
- 128 - CELL
- 129 - SERVICE CHASE
- 130 - BATHROOM
- 140 - LIVING AREA
- 140-1 - DINING AREA
- 141 - CORRIDOR
- 142 - CELLS
- 143 - SERVICE CHASE
- 144 - CELLS
- 145 - CELLS
- 146 - MECHANICAL
- 147 - CELL
- 148 - CELL
- 149 - SERVICE CHASE
- 150 - BATHROOM
- 151 - MECHANICAL
- 152 - CORRIDOR
- 153 - SHOWER
- 155 - CLOSET
- 156 - CELL
- 157 - CELL
- 158 - CELL
- 159 - SERVICE CHASE

HEALTH SERVICES LEGEND

- 201 - CORRIDOR
- 202 - CORRIDOR
- 203 - MEDICAL STORAGE
- 204 - CHIEF HEALTH STORAGE
- 205 - PHYSICIAN OFFICE
- 206 - EXAMINATION ROOM
- 207 - OFFICE
- 211 - OFFICE
- 212 - TREATMENT ROOM
- 213 - DENTAL ROOM
- 214 - STAFF LOUNGE
- 215 - WASHROOM
- 216 - CLEAN ROOM
- 217 - SOIL ROOM



SCALE: 1:100

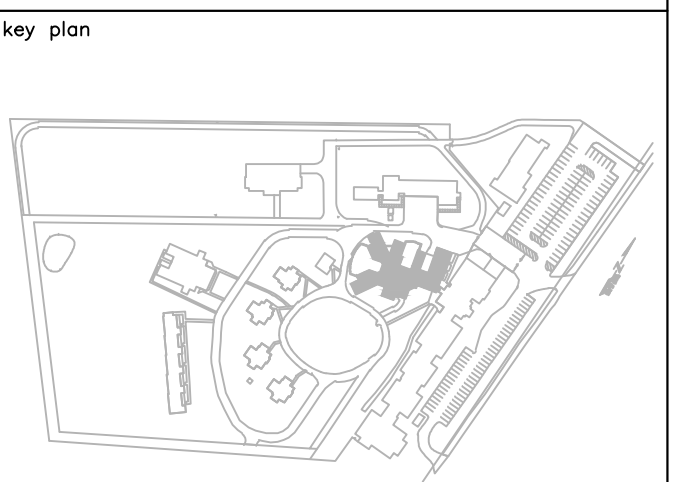


GENERAL NOTES:

EXISTING SIEMENS FIRE ALARM SYSTEM IS TO BE REPLACED WITH NEW GENERATION ADDRESSABLE FIRE ALARM SYSTEM.
 EXISTING INITIATING AND SIGNAL CIRCUIT WIRING IS TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
 EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

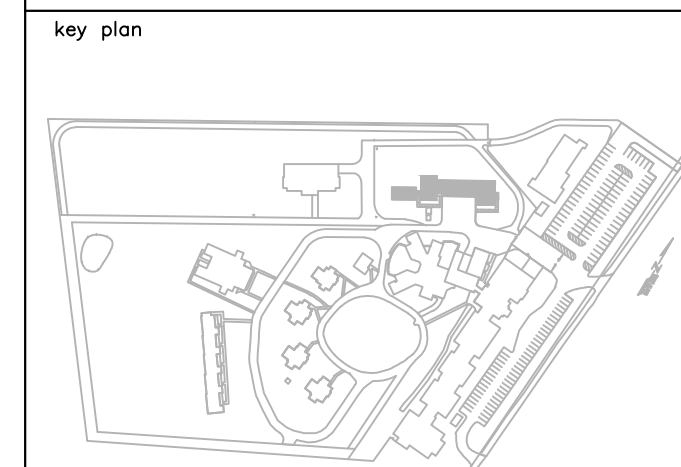
- 1 EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
- 2 EXISTING BELL/STROBE SIGNAL CIRCUIT DEVICE TO BE REPLACED WITH NEW HORN/STROBE DEVICE.
- 3 EXISTING HORN/STROBE SIGNAL CIRCUIT DEVICE TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH NEW HORN/STROBE DEVICE WHERE REQUIRED.
- 4 EXISTING REMOTE ANNUNCIATOR TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH REMOTE ANNUNCIATOR WHERE REQUIRED.
- 5 EXTEND EXISTING FIRE ALARM SIGNAL CIRCUITRY TO NEW DEVICE, CUT AND PATCH EXISTING CEILING AS REQUIRED.
- 6 REMOVE EXISTING SMOKE DETECTOR.
- 7 ASPIRATING SMOKE DETECTOR CONTROL PANEL FEED FROM SPARE 15A-1P CIRCUIT BREAKER IN EXISTING PANEL.
- 8 75mm ASPIRATING SMOKE DETECTOR SAMPLING TRUNK PIPE INSTALLED IN CEILING SPACE, CUT AND PATCH EXISTING CEILING AS REQUIRED.
- 9 ASPIRATING SMOKE DETECTOR SAMPLING TUBE INSTALLED FROM TRUNK PIPE TO CELL LIGHT FIXTURE, CUT AND PATCH EXISTING CEILING AS REQUIRED.
- 10 RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- 11 EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.
- 12 PROVIDE ONE NEW ADDRESSABLE SMOKE DETECTOR, ONE NEW ADDRESSABLE RELAY MODULE, AND ONE NEW ELECTROMAGNETIC DOOR HOLD OPEN DEVICE AS INDICATED. REPROGRAM THE FIRE ALARM SYSTEM TO CAUSE THE DOOR TO CLOSE IF THE SMOKE DETECTOR IS ACTUATED. CONNECT DOOR HOLD OPEN DEVICES TO NEAREST AVAILABLE 120VAC BRANCH CIRCUIT.
- 13 CONNECTION TO KITCHEN HOOD CHEMICAL FIRE SUPPRESSION SYSTEM.
- 14 CONNECT ASPIRATING SMOKE DETECTOR CONTROL PANEL TO SPARE 1-15A-1P CIRCUIT BREAKER IN EXISTING PANEL "ND" (EATON PRL1). PROVIDE CIRCUIT BREAKER LOCK. CONFIRM EXACT LOCATION OF PANEL ON SITE.
- 15 CONNECT ASPIRATING SMOKE DETECTOR CONTROL PANEL TO SPARE 1-15A-1P CIRCUIT BREAKER IN EXISTING PANEL "NC" (EATON PRL1). PROVIDE CIRCUIT BREAKER LOCK. CONFIRM EXACT LOCATION OF PANEL ON SITE.



1	ISSUED FOR TENDER	10/27/2020
revisions		date
project	FIRE ALARM UPGRADE NOVA INSTITUTION	project

TRURO, NS
FOOD, HEALTH SERVICES AND SECURED UNIT BUILDING SECOND FLOOR FIRE ALARM PLANS

designed PM	conçu
date	MARCH 2020
drawn BD	dessiné
date	MARCH 2020
approved RGR	approuvé
date	MARCH 2020
Tender	Soumission
PWSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
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drawing no.	no. du dessin
E-6	

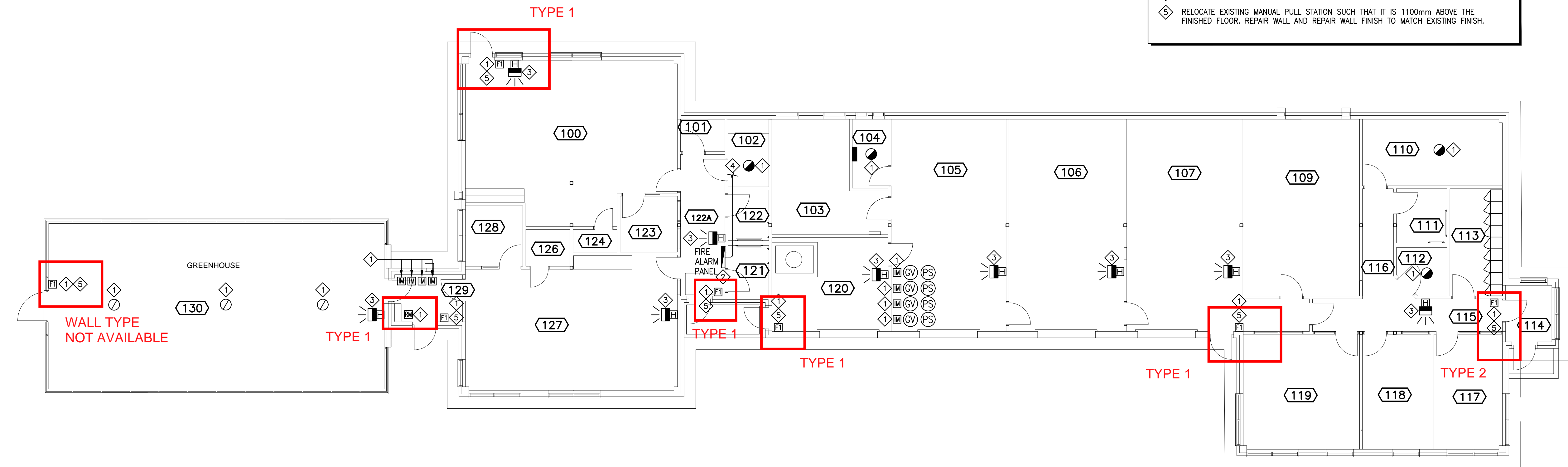


TYPE 1
 -PRE-FINISHED LAP SIDING
 -125mm RIGID INSULATION
 -PVC CONNECTORS @ 600mm
 -150mm REINFORCED CONCRETE WALL

TYPE 2
 -16mm GYPSUM BOARD
 -92mm STEEL STUDS @ 400mm
 -BATT INSULATION
 -16mm GYPSUM BOARD

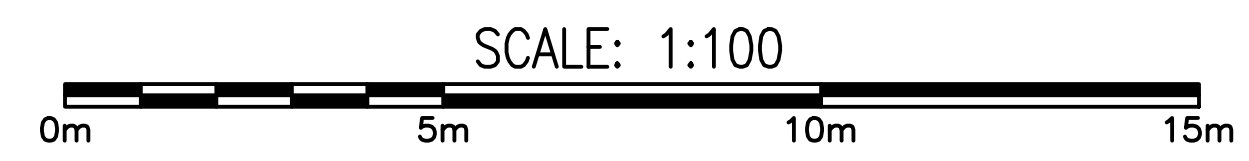
GENERAL NOTES:
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 EXISTING INITIATING AND SIGNAL CIRCUIT WIRING IS TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
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FIRE ALARM NOTES:
 1 EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
 2 EXISTING FIRE ALARM TRANSDUCER TO BE REPLACED WITH NEW TRANSDUCER.
 3 EXISTING HORN/STROBE SIGNAL CIRCUIT DEVICE TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH NEW HORN/STROBE DEVICE WHERE REQUIRED.
 4 PROVIDE TEMPORARY FIBRE OPTIC CABLE IN 16mm EMT.
 5 RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.



LEGEND

- | | |
|------------------------------------|--------------------------|
| 100 - VOCATIONAL ROOM #2 | 116 - CORRIDOR |
| 101 - JANITOR'S CLOSET | 117 - OFFICE |
| 102 - LAN ROOM | 118 - OFFICE STORAGE |
| 103 - MECHANICAL | 119 - MAINTENANCE OFFICE |
| 104 - ELECTRICAL | 120 - RECYCLING |
| 105 - MAINTENANCE GARAGE | 121 - WASHROOM |
| 106 - EQUIPMENT STORAGE | 122 - WASHROOM |
| 107 - MAINTENANCE WORKSHOP | 122A - VESTIBULE |
| 109 - MAINTENANCE SUPPLIES & TOOLS | 123 - OFFICE |
| 110 - ELECTRONICS | 124 - STORAGE |
| 111 - WASHROOM | 126 - STORAGE |
| 112 - JANITOR'S CLOSET | 127 - VOCATIONAL ROOM #1 |
| 113 - LOCKER ROOM | 128 - VOCATIONAL OFFICE |
| 114 - VESTIBULE | 129 - VESTIBULE |
| 115 - CORRIDOR | 130 - GREENHOUSE |



1	ISSUED FOR TENDER	10/27/2020
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revisions		date
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project **FIRE ALARM UPGRADE NOVA INSTITUTION** projet

TRURO, NS

drawing **MAINTENANCE BUILDING FIRE ALARM PLAN** dessin

designed	PM	conçu
date	MARCH 2020	
drawn	BD	dessiné
date	MARCH 2020	
approved	RGR	approuvé
date	MARCH 2020	
Tender		Soumission

PWSC Project Manager / Administrateur de projets TPSGC
 project number / no. du projet
R.089585.001

drawing no. / no. du dessin
E-7

TYPE 1
 -16mm GYPSUM BOARD TYPE X
 -38 X 89mm WOOD STUDS @ 400mm
 -BATT INSULATION
 -16mm GYPSUM BOARD TYPE X

(FIRE RATED PARTITION - 45 MIN)
TYPE 2
 -16mm GYPSUM BOARD TYPE X
 -38 X 89mm WOOD STUDS @ 400mm
 -BATT INSULATION
 -16mm GYPSUM BOARD TYPE X

(FIRE RATED PARTITION - 60 MIN)Å
TYPE 3Å
 -16mm GYPSUM BOARD TYPE XÅ
 -38 X 89mm WOOD STUDS @ 400mmÅ
 -BATT INSULATIONÅ
 -16mm GYPSUM BOARD TYPE XÅ

TYPE 4
 -16mm GYPSUM BOARD TYPE X
 -38 X 140mm WOOD STUDS @ 400mm
 -BATT INSULATION
 -16mm GYPSUM BOARD TYPE X

(FIRE RATED PARTITION - 45 MIN)
TYPE 5
 -16mm GYPSUM BOARD TYPE X
 -38 X 89mm WOOD STUDS @ 400mm
 -AIR SPACE
 -POURED CONCRETE

TYPE 6
 -ARCHITECTURAL CONCRETE BLOCK
 -25mm AIR SPACE
 -25mm RIGID INSULATION
 -AIR BARRIER
 -13mm EXTERIOR SHEATING
 -38 X 140mm WOOD STUDS @ 300mm
 -BATT INSULATION
 -16mm GYPSUM BOARD TYPE X

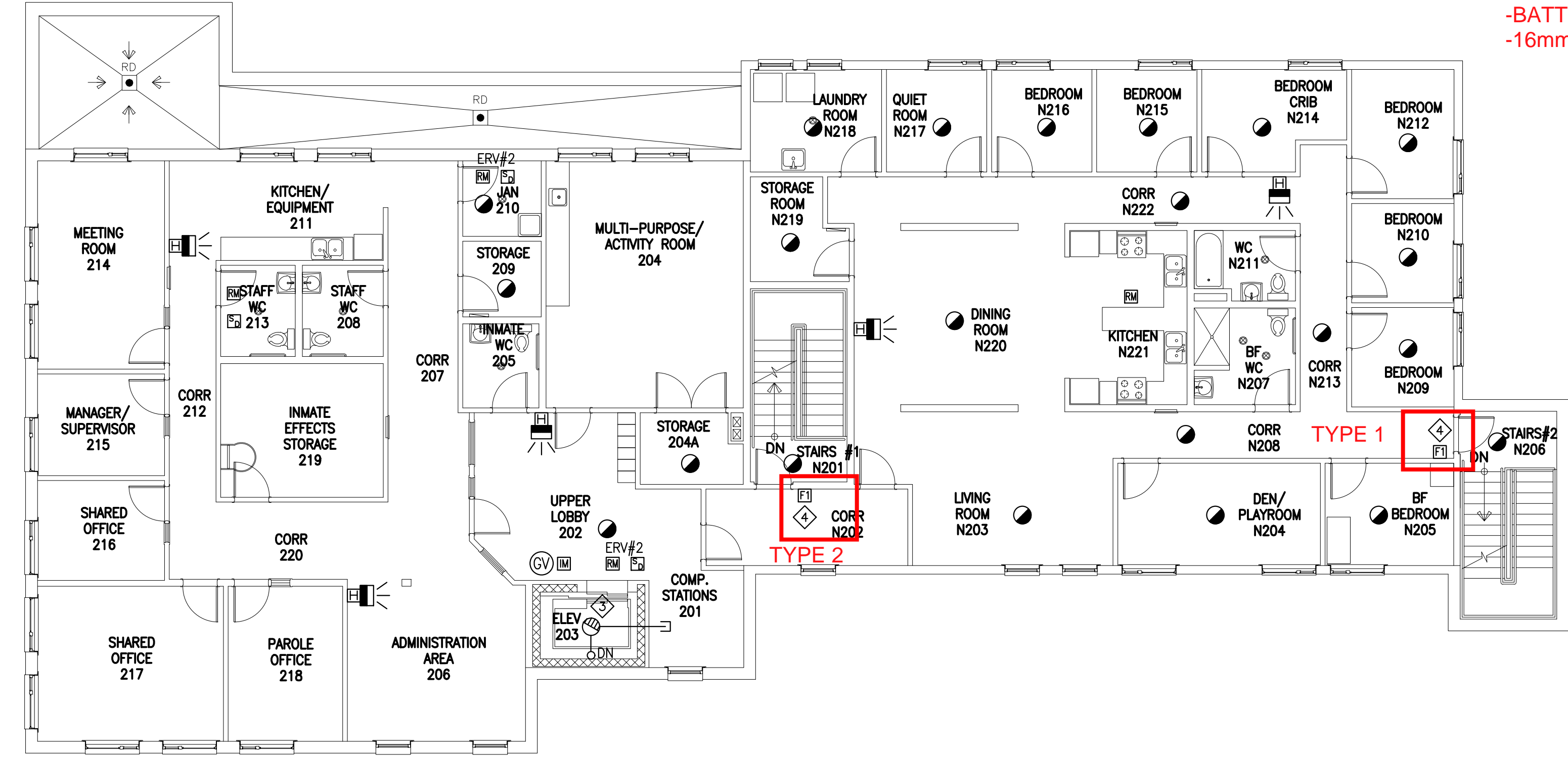
SECOND FLOOR LEGEND

- | | |
|---------------------------------|-----------------------|
| 201 - COMPO. STATIONS | N201 - STAIR #1 |
| 202 - UPPER LOBBY | N202 - CORRIDOR |
| 203 - ELEVATOR | N203 - LIVING RM |
| 204 - MULTI-PURPOSE ACTIVITY RM | N204 - DEN / PLAROOM |
| 204A - STORAGE | N205 - BF BEDROOM |
| 205 - INMATE WC | N206 - STAIR #2 |
| 206 - ADMIN AREA | N207 - BF WASHROOM |
| 207 - CORRIDOR | N208 - CORRIDOR |
| 208 - STAFF WR | N209 - BEDROOM |
| 209 - STORAGE | N210 - BEDROOM |
| 210 - JANITOR | N211 - WC |
| 211 - KITCHEN EQUIPMENT | N212 - BEDROOM |
| 212 - CORRIDOR | N213 - CORRIDOR |
| 213 - STAFF WR | N214 - BEDROOM / CRIB |
| 214 - MEETING RM | N215 - BEDROOM |
| 215 - MANAGER / SUPERVISOR | N216 - BEDROOM |
| 216 - SHARED OFFICE | N217 - QUIET RM |
| 217 - SHARED OFFICE | N218 - LAUNDRY RM |
| 218 - PAROLE OFFICE | N219 - STORAGE RM |
| 219 - INMATE EFFECTS STORAGE | N220 - DINING RM |
| 220 - CORRIDOR | |

GENERAL NOTE:
 EXISTING SIEMENS FIRE ALARM SYSTEM SHALL BE MAINTAINED IF THE REPLACEMENT FIRE ALARM SYSTEM THROUGHOUT THE CAMPUS IS BY EXISTING MANUFACTURER, OTHERWISE A NEW ADDRESSABLE FIRE ALARM SYSTEM SHALL BE PROVIDED TO REPLACE ALL COMPONENTS FOR THIS BUILDING. ALL BUILDINGS ON THE CAMPUS SHALL BE EQUIPPED WITH A FIRE ALARM SYSTEM FROM A SINGLE MANUFACTURER.
 IF THE EXISTING FIRE ALARM SYSTEM IN THIS BUILDING IS REPLACED (PER THE NOTE ABOVE) THE CONTROL PANEL AND ANNUNCIATOR AND ALL FIELD DEVICES SHALL BE TURNED OVER TO THE DEPARTMENTAL REPRESENTATIVE.
 EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

- ◆ EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.
- ◆ ASPIRATING SMOKE DETECTOR CONTROL PANEL. EXTEND 21mm AIR SAMPLING PIPING TO TOP OF ADJACENT ELEVATOR SHAFT. FEED FROM SPARE 15A-1P CIRCUIT BREAKER IN EXISTING PANEL "E1104".
- ◆ REMOVE EXISTING ELEVATOR SHAFT SMOKE DETECTOR AND REPLACE WITH NEW SAMPLING POINT.
- ◆ RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- ◆ CONNECT ASPIRATING SMOKE DETECTOR CONTROL PANEL TO SPARE 1-15A-1P CIRCUIT BREAKER IN EXISTING PANEL "E1104" (SIEMENS P2). PROVIDE CIRCUIT BREAKER LOCK. CONFIRM EXACT LOCATION OF PANEL ON SITE.



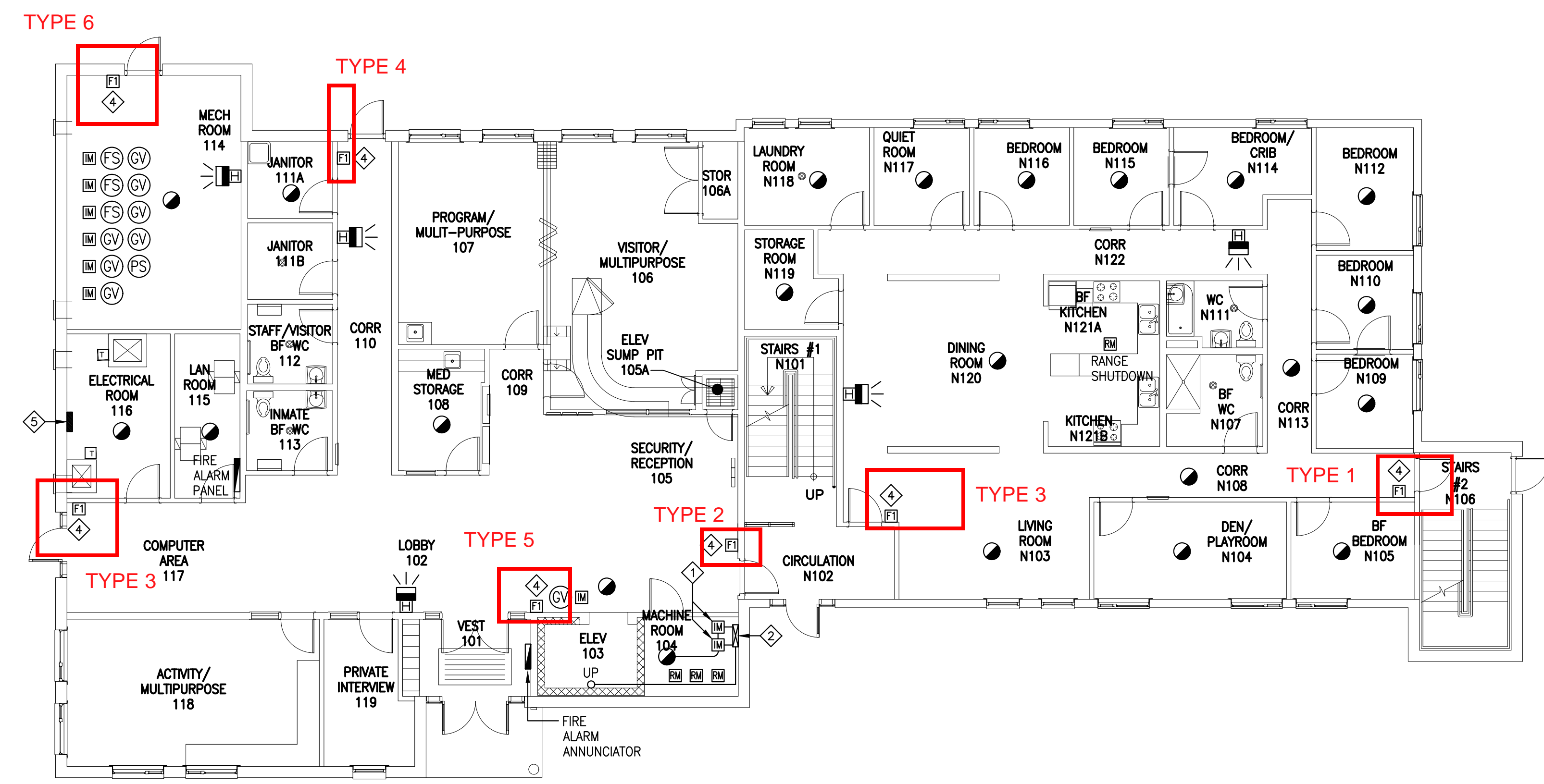
SECOND FLOOR

SCALE: 1:100



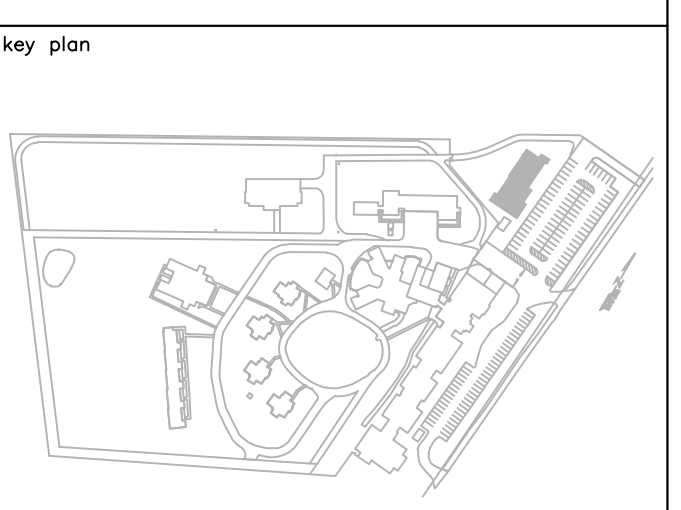
GROUND FLOOR LEGEND

- | | |
|-------------------------------|------------------------------|
| 101 - VESTIBULE | N101 - STAIR #1 |
| 102 - LOBBY | N102 - CIRCULATION |
| 103 - ELEVATOR | N103 - LIVING RM |
| 104 - MACHINE RM | N104 - DEN / PLAYROOM |
| 105 - SECURITY / RECEPTION | N105 - BF BEDROOM |
| 105A - ELEVATOR SUMP PIT | N105A - STAIR 32 |
| 106 - VISITOR MULTI-PURPOSE | N106 - VISITOR MULTI-PURPOSE |
| 107 - PROGRAM / MULTI-PURPOSE | N107 - BF WASHROOM |
| 108 - MED STORAGE | N108 - CORRIDOR |
| 109 - CORRIDOR | N109 - BEDROOM |
| 110 - CORRIDOR | N110 - BEDROOM |
| 111A - JANITOR | N111 - WC |
| 111B - JANITOR | N112 - BEDROOM |
| 112 - STAFF / VISITOR BF WR | N113 - CORRIDOR |
| 113 - INMATE WR | N114 - BEDROOM / CRIB |
| 114 - MECHANICAL RM | N115 - BEDROOM |
| 115 - LAN RM | N116 - BEDROOM |
| 116 - ELECTRICAL RM | N117 - QUIET RM |
| 117 - COMPUTER AREA | N118 - LAUNDRY RM |
| 118 - ACTIVITY MULTI-PURPOSE | N119 - STORAGE RM |
| 119 - PRIVATE INTERVIEW | N120 - DINING RM |



GROUND FLOOR

SCALE: 1:100



1	ISSUED FOR TENDER	10/27/2020
revisions		date
project	FIRE ALARM UPGRADE NOVA INSTITUTION	project

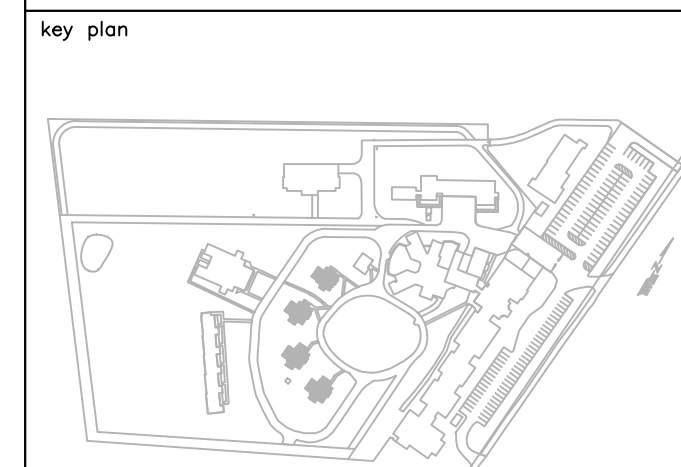
TRURO, NS

14 BED MINIMUM SECURITY BUILDING GROUND AND SECOND FLOOR FIRE ALARM PLANS

designed	PM	conçu
date	MARCH 2020	
drawn	BD	dessiné
date	MARCH 2020	
approved	RGR	approuvé
date	MARCH 2020	
Tender		Soumission

PWSC Project Manager / Administrateur de projets TPSGC
 project number / no. du projet
R.089585.001

drawing no. / no. du dessin
E-8

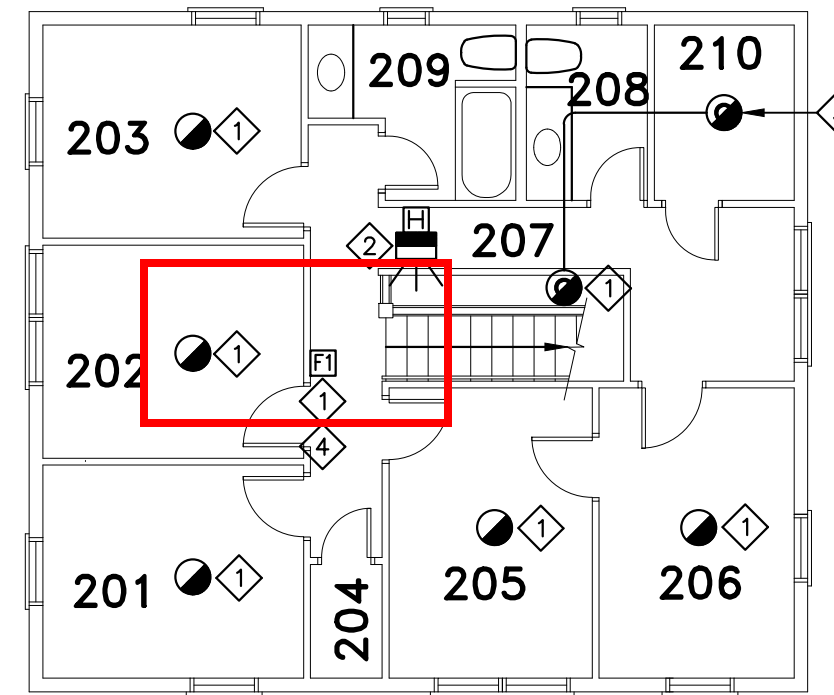


EXTERIOR WALL CONSTRUCTION
 -VINYL SIDING
 -16mm FIBRE BAORD SHEETING
 -150mm BATT INSULATION
 -38 X 140 WOOD STUDS
 -VAPOUR BARRIER
 -40mm RIGID INSULATION
 -13mm GYPSUM BOARD

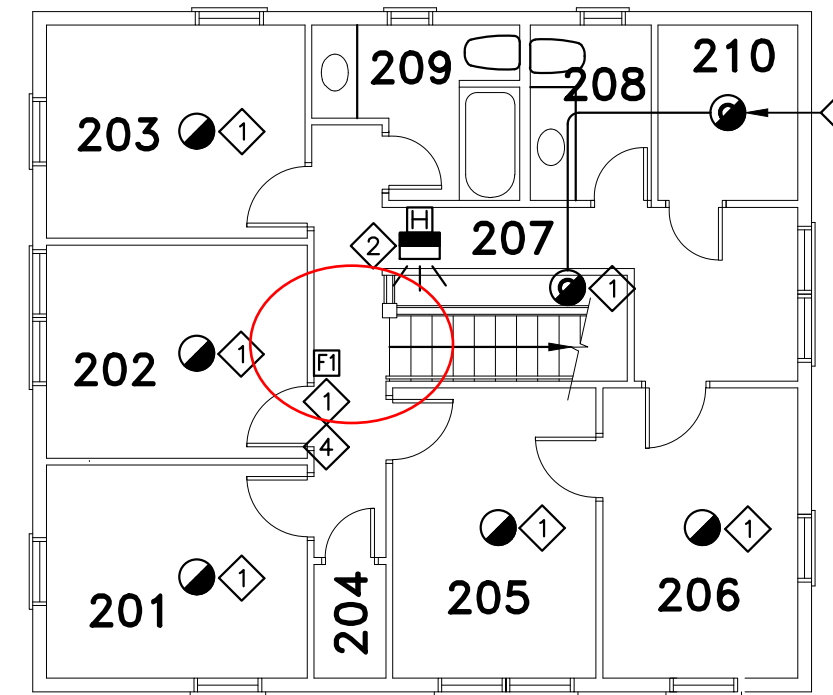
INTERIOR PARTITIONS
 -13mm GYPSUM BOARD
 -38 X 89mm WOOD STUDS
 -13mm GYPSUM BOARD

GENERAL NOTES:
 EXISTING SIEMENS FIRE ALARM SYSTEMS TO BE REPLACED WITH NEW GENERATION ADDRESSABLE FIRE ALARM SYSTEM.
 EXISTING INITIATING AND SIGNAL CIRCUIT WIRING IS TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
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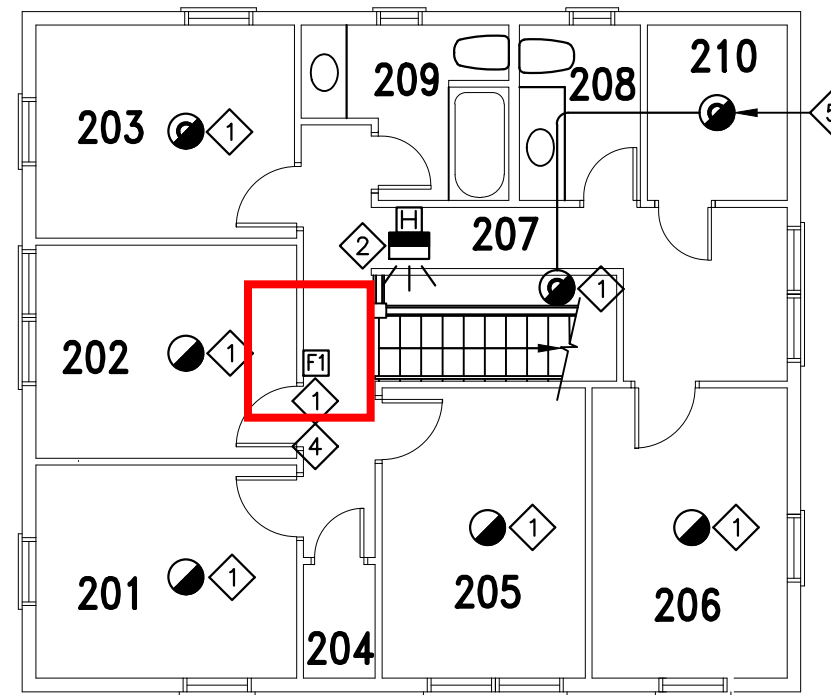
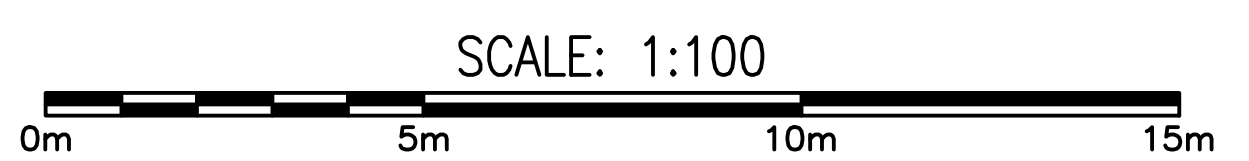
FIRE ALARM NOTES:
 ◊ EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
 ◊ EXISTING BELL/STROBE SIGNAL CIRCUIT DEVICE TO BE REPLACED WITH NEW HORN/STROBE DEVICE.
 ◊ EXISTING FIRE ALARM TRANSPONDER TO BE REPLACED WITH NEW TRANSPONDER.
 ◊ RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
 ◊ EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.



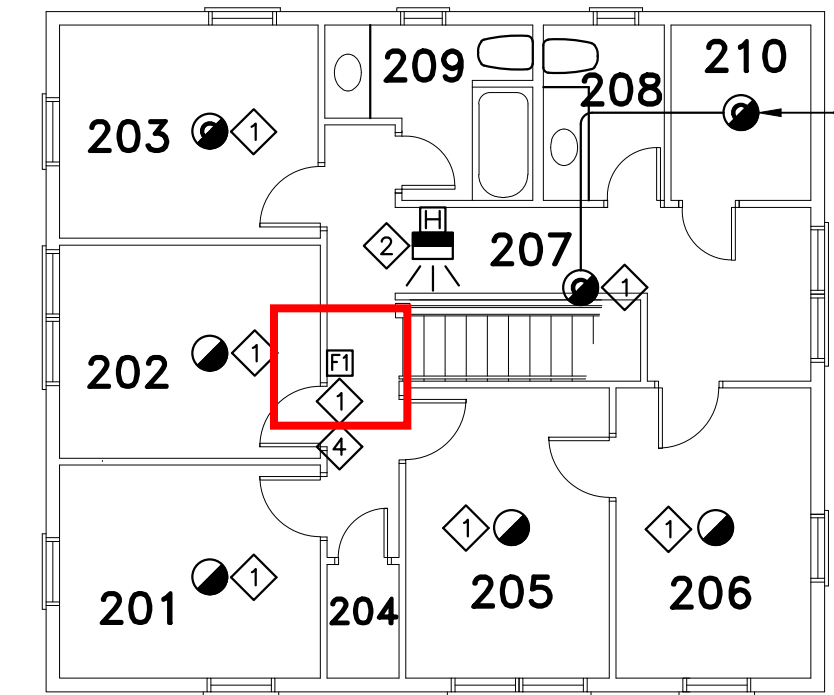
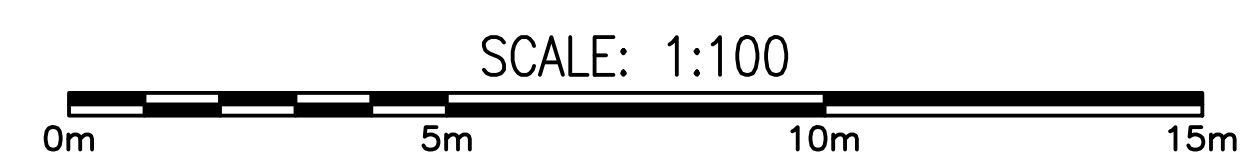
- HOUSE 1
SECOND FLOOR LEGEND**
- 201 - BEDROOM
 - 202 - BEDROOM
 - 203 - BEDROOM
 - 204 - STORAGE
 - 205 - BEDROOM
 - 206 - BEDROOM
 - 207 - CORRIDOR
 - 208 - WASHROOM
 - 209 - BATHROOM
 - 210 - MECHANICAL



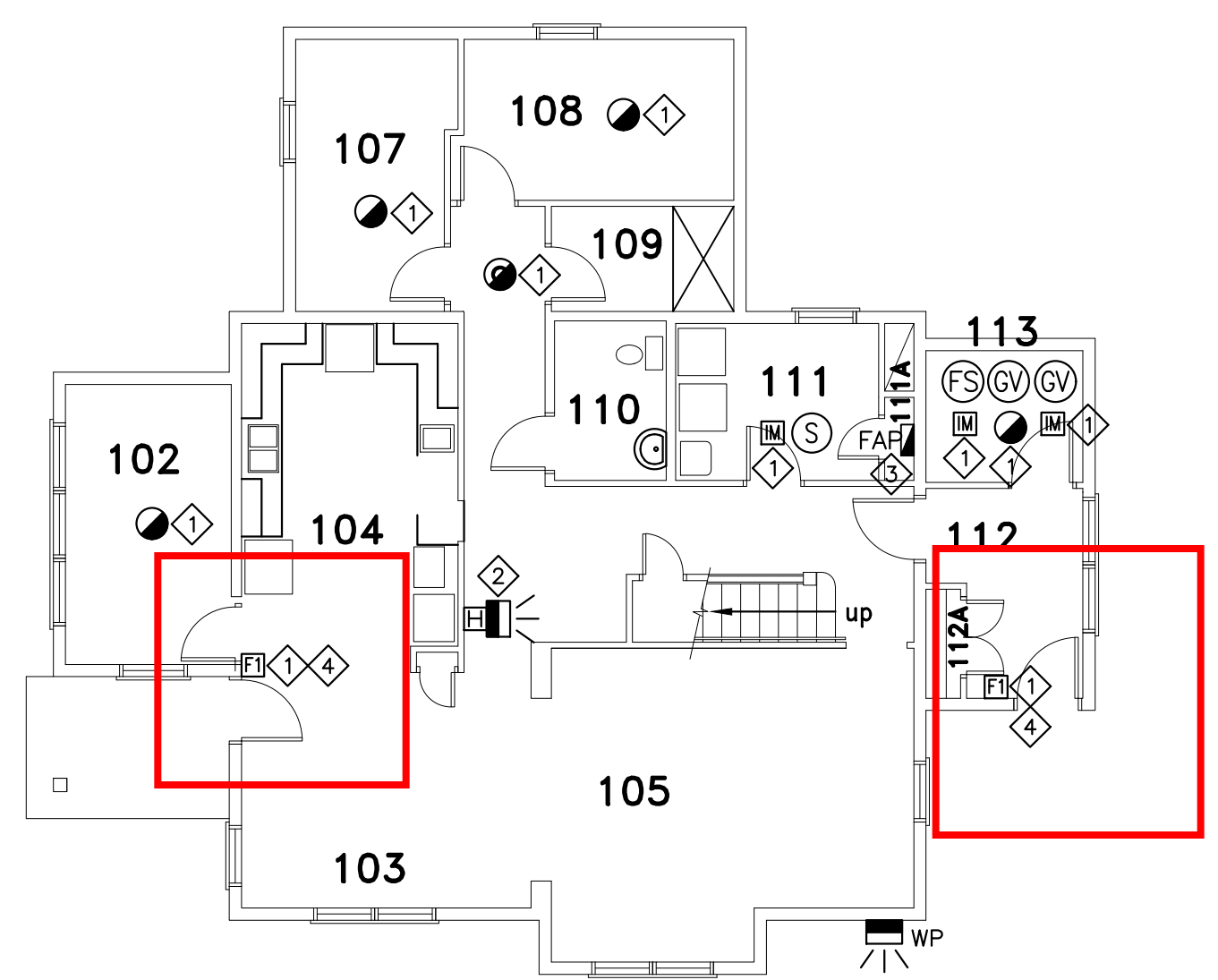
- HOUSE 2
SECOND FLOOR LEGEND**
- 201 - BEDROOM
 - 202 - BEDROOM
 - 203 - BEDROOM
 - 204 - STORAGE
 - 205 - BEDROOM
 - 206 - BEDROOM
 - 207 - CORRIDOR
 - 208 - WASHROOM
 - 209 - BATHROOM
 - 210 - MECHANICAL



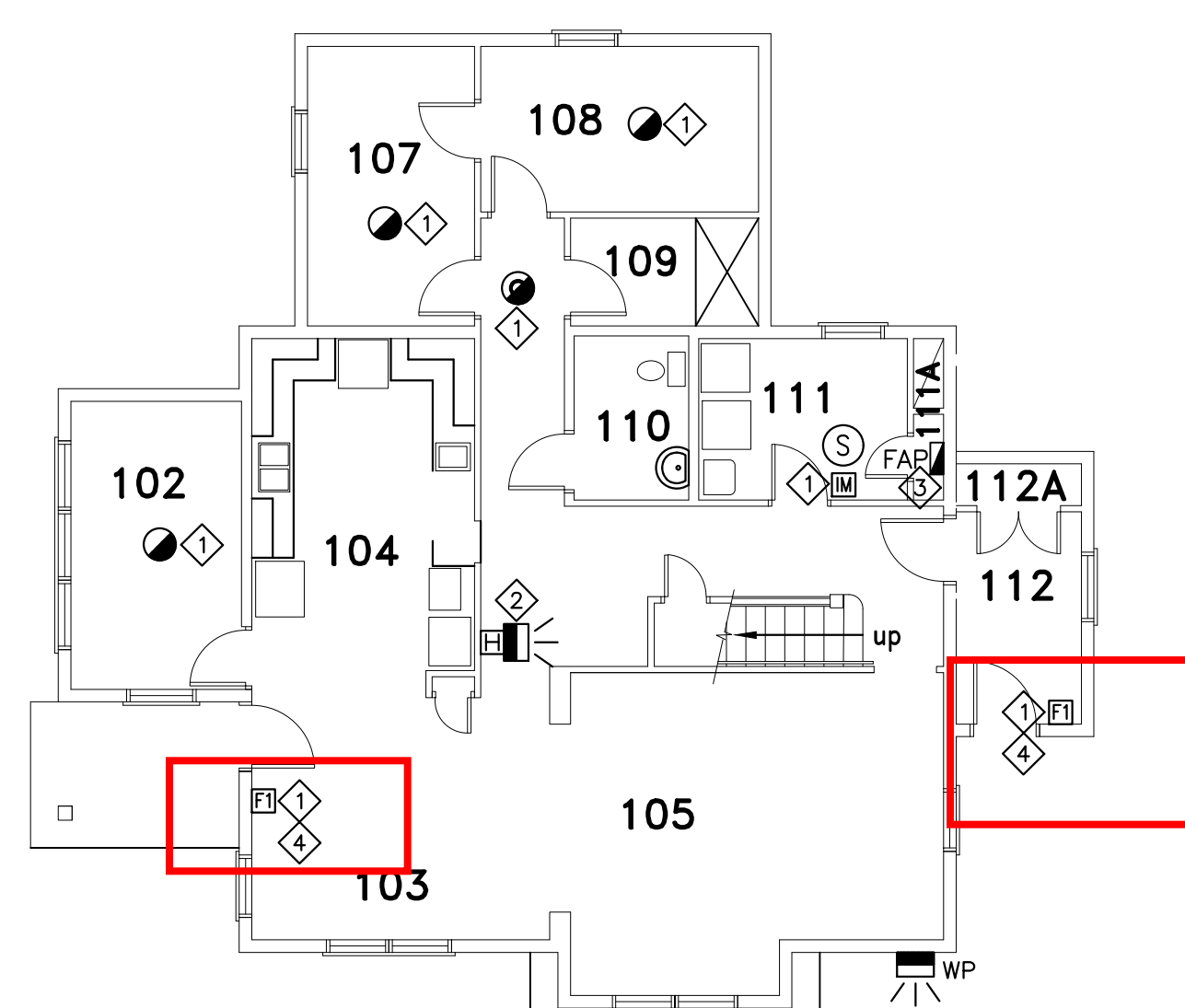
- HOUSE 3
SECOND FLOOR LEGEND**
- 201 - BEDROOM
 - 202 - BEDROOM
 - 203 - BEDROOM
 - 204 - STORAGE
 - 205 - BEDROOM
 - 206 - BEDROOM
 - 207 - CORRIDOR
 - 208 - WASHROOM
 - 209 - BATHROOM
 - 210 - MECHANICAL



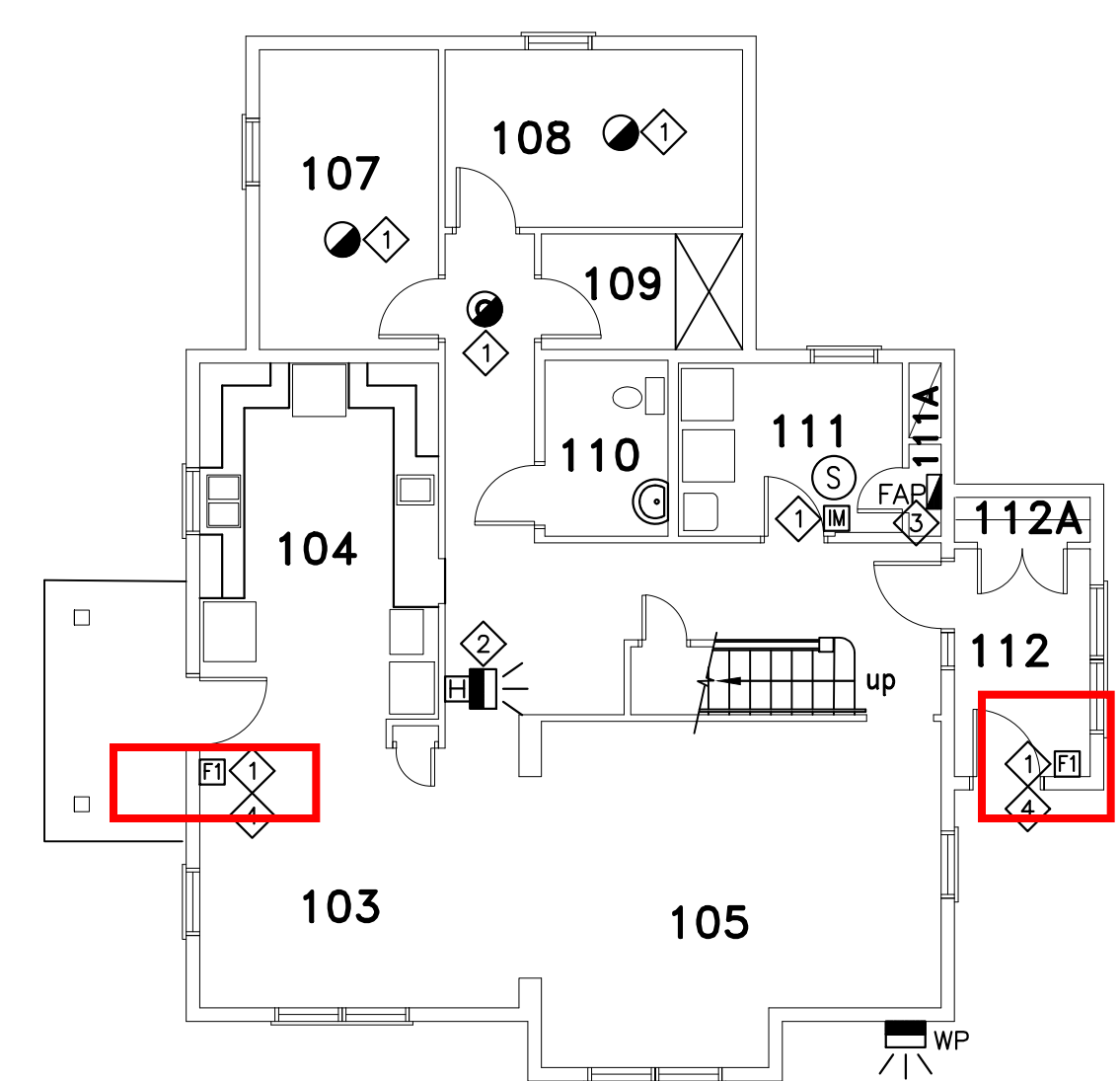
- HOUSE 4
SECOND FLOOR LEGEND**
- 201 - BEDROOM
 - 202 - BEDROOM
 - 203 - BEDROOM
 - 204 - STORAGE
 - 205 - BEDROOM
 - 206 - BEDROOM
 - 207 - CORRIDOR
 - 208 - WASHROOM
 - 209 - BATHROOM
 - 210 - MECHANICAL



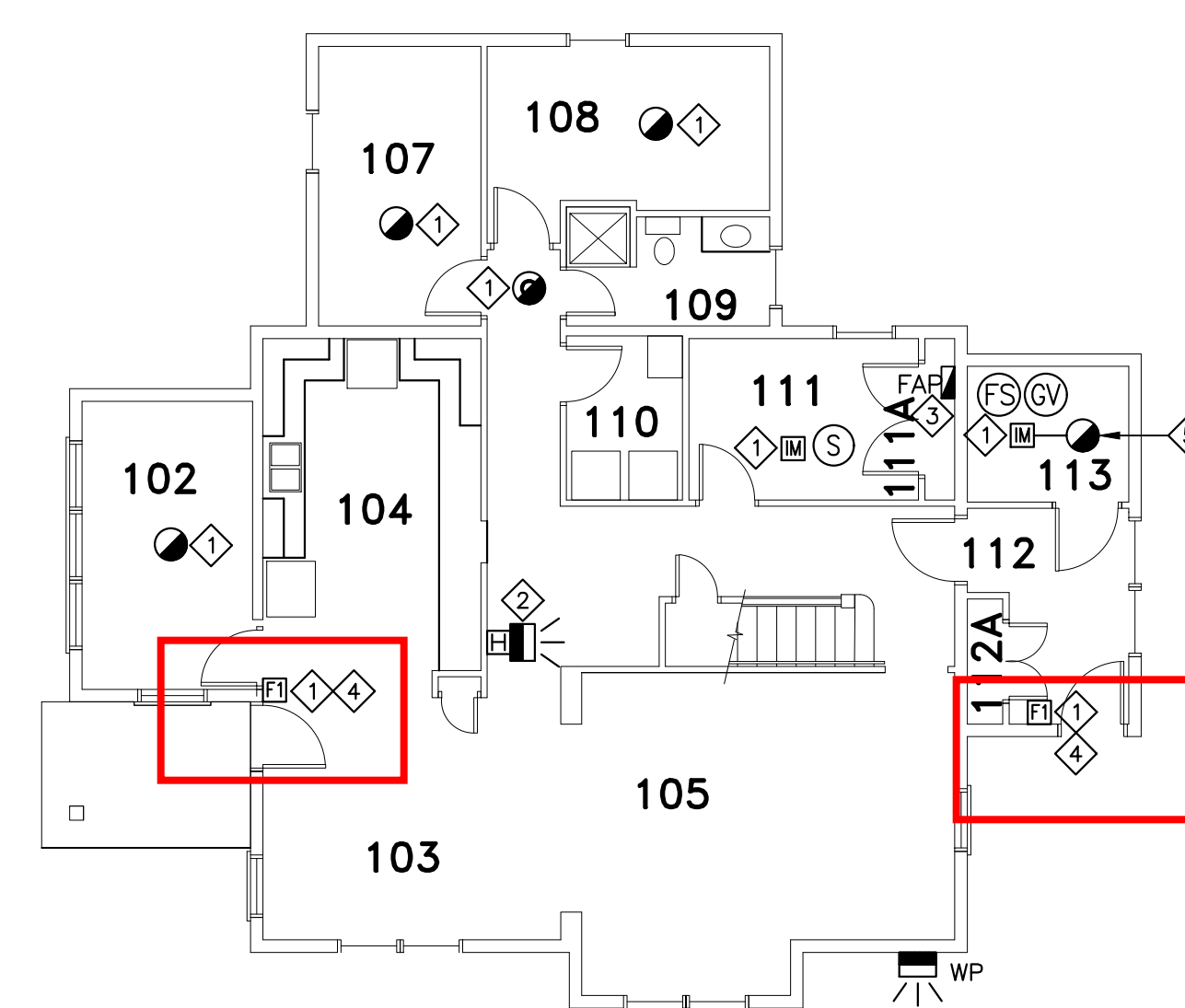
- HOUSE 1
GROUND FLOOR LEGEND**
- 102 - SUN ROOM
 - 103 - DINING ROOM
 - 104 - KITCHEN
 - 105 - LIVING ROOM
 - 107 - BEDROOM
 - 108 - BEDROOM
 - 109 - BATHROOM
 - 110 - WASHROOM
 - 111 - LAUNDRY
 - 111A - CLOSET
 - 112 - VESTIBULE
 - 112A - CLOSET
 - 113 - ELECTRICAL



- HOUSE 2
GROUND FLOOR LEGEND**
- 102 - SUN ROOM
 - 103 - DINING ROOM
 - 104 - KITCHEN
 - 105 - LIVING ROOM
 - 107 - BEDROOM
 - 108 - BEDROOM
 - 109 - BATHROOM
 - 110 - WASHROOM
 - 111 - LAUNDRY
 - 111A - CLOSET
 - 112 - VESTIBULE
 - 112A - CLOSET



- HOUSE 3
GROUND FLOOR LEGEND**
- 103 - DINING ROOM
 - 104 - KITCHEN
 - 105 - LIVING ROOM
 - 107 - BEDROOM
 - 108 - BEDROOM
 - 109 - BATHROOM
 - 110 - WASHROOM
 - 111 - LAUNDRY
 - 111A - CLOSET
 - 112 - VESTIBULE
 - 112A - CLOSET



- HOUSE 4
GROUND FLOOR LEGEND**
- 102 - SUN ROOM
 - 103 - DINING ROOM
 - 104 - KITCHEN
 - 105 - LIVING ROOM
 - 107 - BEDROOM
 - 108 - BEDROOM
 - 109 - BATHROOM
 - 110 - WASHROOM
 - 111 - LAUNDRY
 - 111A - CLOSET
 - 112 - VESTIBULE
 - 112A - CLOSET
 - 113 - MECHANICAL



1	ISSUED FOR TENDER	10/27 2020
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revisions		date
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project	FIRE ALARM UPGRADE NOVA INSTITUTION	project
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TRURO, NS

drawing design

**ROW HOUSE 1,2,3 & 4
GROUND AND SECOND FLOOR
FIRE ALARM PLANS**

designed	PM	conçu
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date	MARCH 2020	dessiné
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date	MARCH 2020	approuvé
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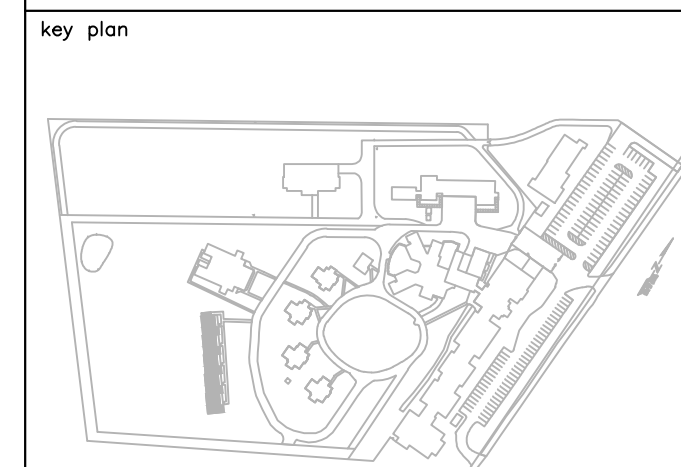
approved	RGR	approuvé
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date	MARCH 2020	no. du projet
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Tender Submission

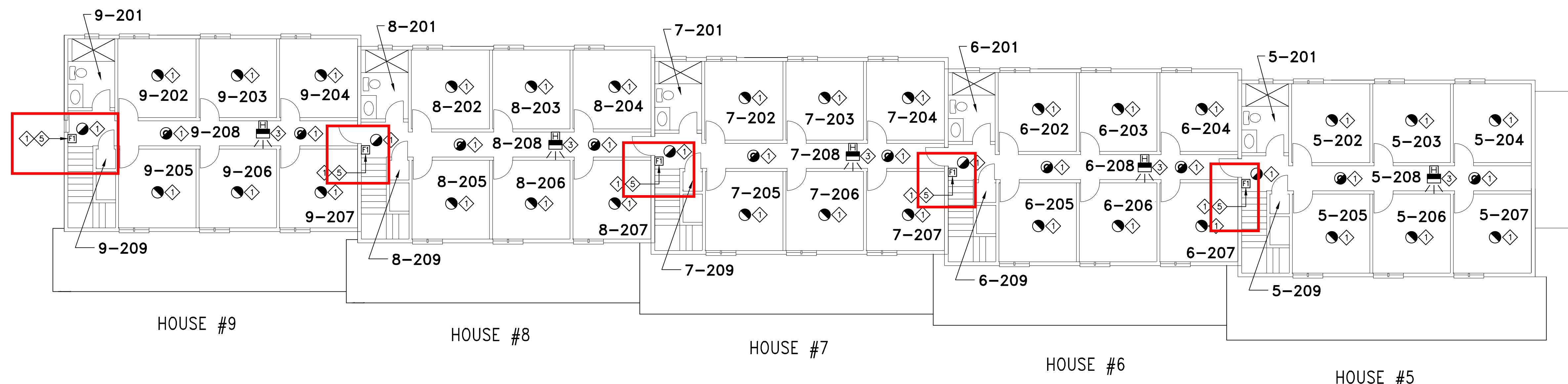
PWSC Project Manager / Administrateur de projets TPSGC
 project number / no. du projet
R.089585.001

drawing no. / no. du dessin
E-9



SECOND FLOOR LEGEND

- #-201 - WASHROOM
- #-202 - BEDROOM
- #-203 - BEDROOM
- #-204 - BEDROOM
- #-205 - BEDROOM
- #-206 - BEDROOM
- #-207 - BEDROOM
- #-208 - CORRIDOR
- #-209 - CLEANING CLOSET



SECOND FLOOR

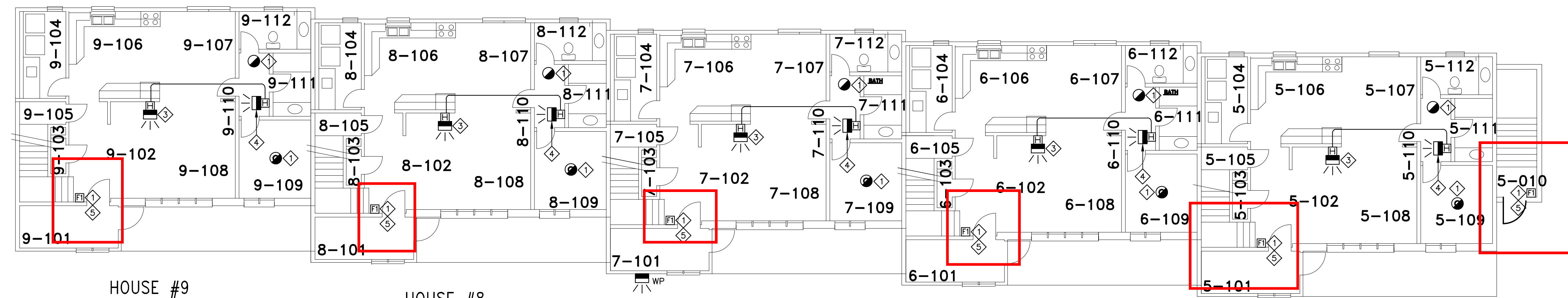


- EXTERIOR WALL CONSTRUCTION**
- VINYL SIDING
 - SHEATING PAPER
 - 19mm T&g WOOD BOARDS
 - BATT INSULATION
 - VAPOUR BARRIER
 - 13mm GYPSUM BOARD

- INTERIOR PARTITIONS**
- 13mm GYPSUM BOARD
 - 38 X 89mm WOOD STUDS
 - 13mm GYPSUM BOARD

GROUND FLOOR LEGEND

- 5-010 - STAIRWELL
- #-101 - VESTIBULE
- #-102 - ENTRY
- #-103 - STORAGE
- #-104 - LAUNDRY
- #-105 - CLOSET
- #-106 - KITCHEN
- #-107 - DINING ROOM
- #-108 - LIVING ROOM
- #-109 - BEDROOM
- #-110 - CORRIDOR
- #-111 - BATHROOM
- #-112 - WASHROOM

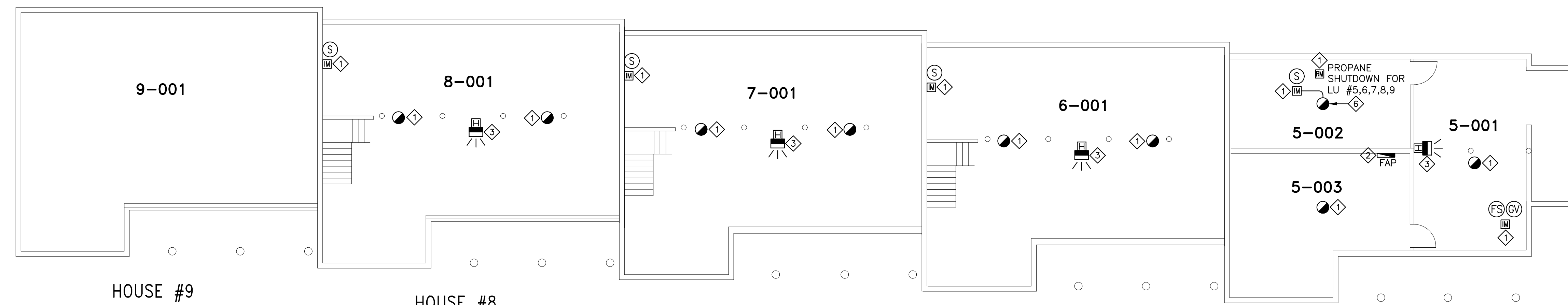


GROUND FLOOR



BASEMENT FLOOR LEGEND

- 5-001 - STAIRWELL
- 5-002 - MECHANICAL
- 5-003 - ELECTRICAL
- 6-001 - CRAWL SPACE
- 7-001 - CRAWL SPACE
- 8-001 - CRAWL SPACE
- 9-001 - CRAWL SPACE



BASEMENT



GENERAL NOTES:

- EXISTING SIEMENS FIRE ALARM SYSTEM TO BE REPLACED WITH NEW GENERATION ADDRESSABLE FIRE ALARM SYSTEM.
- EXISTING INITIATING AND SIGNAL CIRCUIT WIRING TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
- EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

- ① EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
- ② EXISTING FIRE ALARM TRANSPONDER TO BE REPLACED WITH NEW TRANSPONDER.
- ③ EXISTING HORN/STROBE SIGNAL CIRCUIT DEVICE TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH NEW HORN/STROBE DEVICE WHERE REQUIRED.
- ④ EXTEND EXISTING FIRE ALARM SIGNAL CIRCUITRY TO NEW DEVICE.
- ⑤ RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- ⑥ EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.

1	ISSUED FOR TENDER	10/27/2020
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revisions	date
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project FIRE ALARM UPGRADE NOVA INSTITUTION

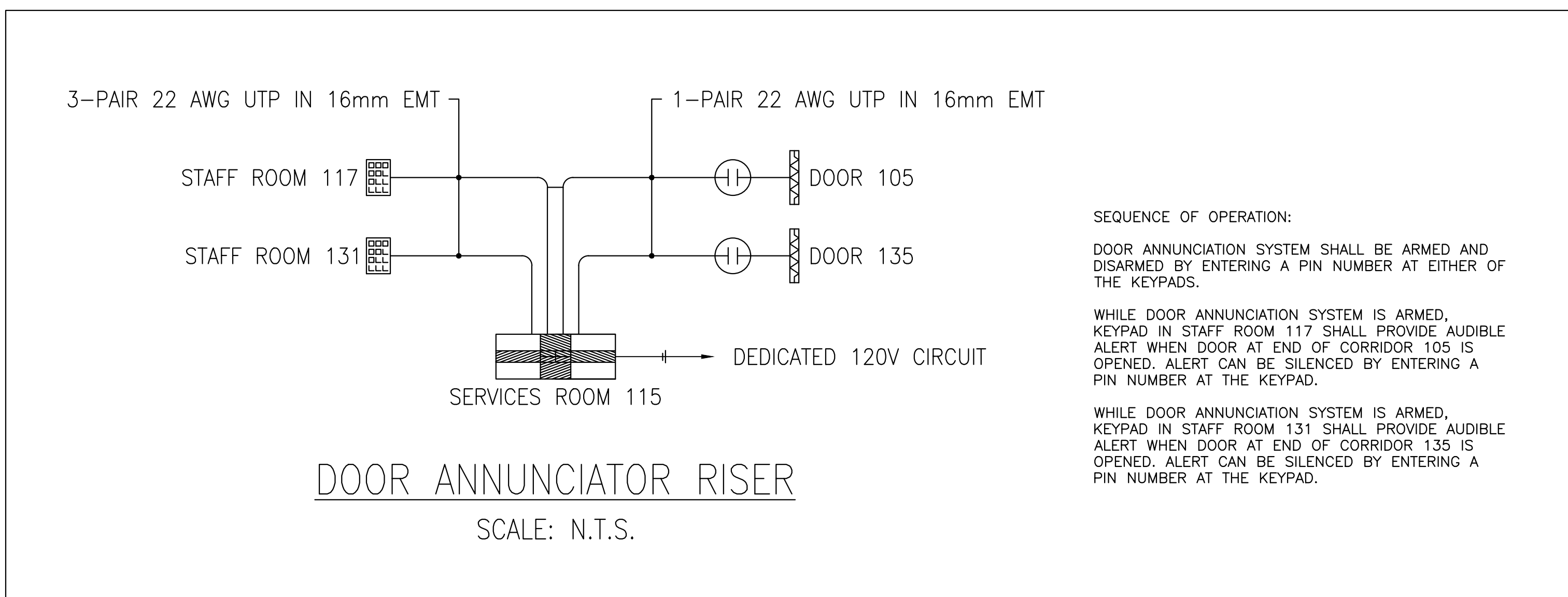
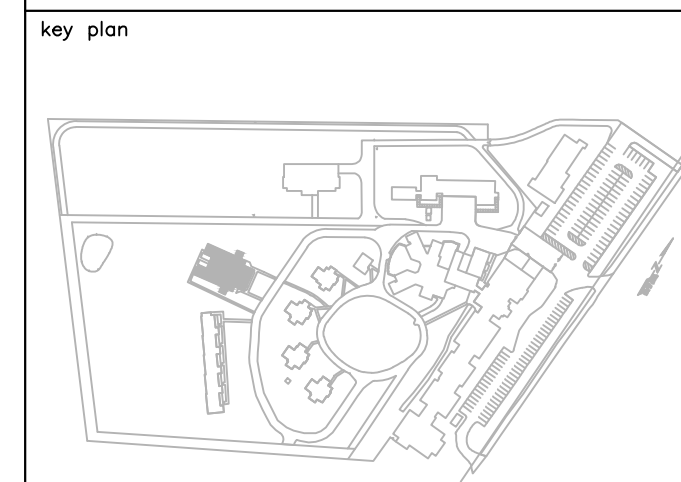
TRURO, NS

ROW HOUSE 5,6,7,8 & 9
BASEMENT, GROUND AND SECOND FLOOR
FIRE ALARM PLANS

designed	PM	conçu
date	MARCH 2020	
drawn	BD	dessiné
date	MARCH 2020	
approved	RGR	approuvé
date	MARCH 2020	
Tender		Soumission

PWSC Project Manager Administrateur de projets TPSCG
project number no. du projet
R.089585.001

drawing no. no. du dessin
E-10



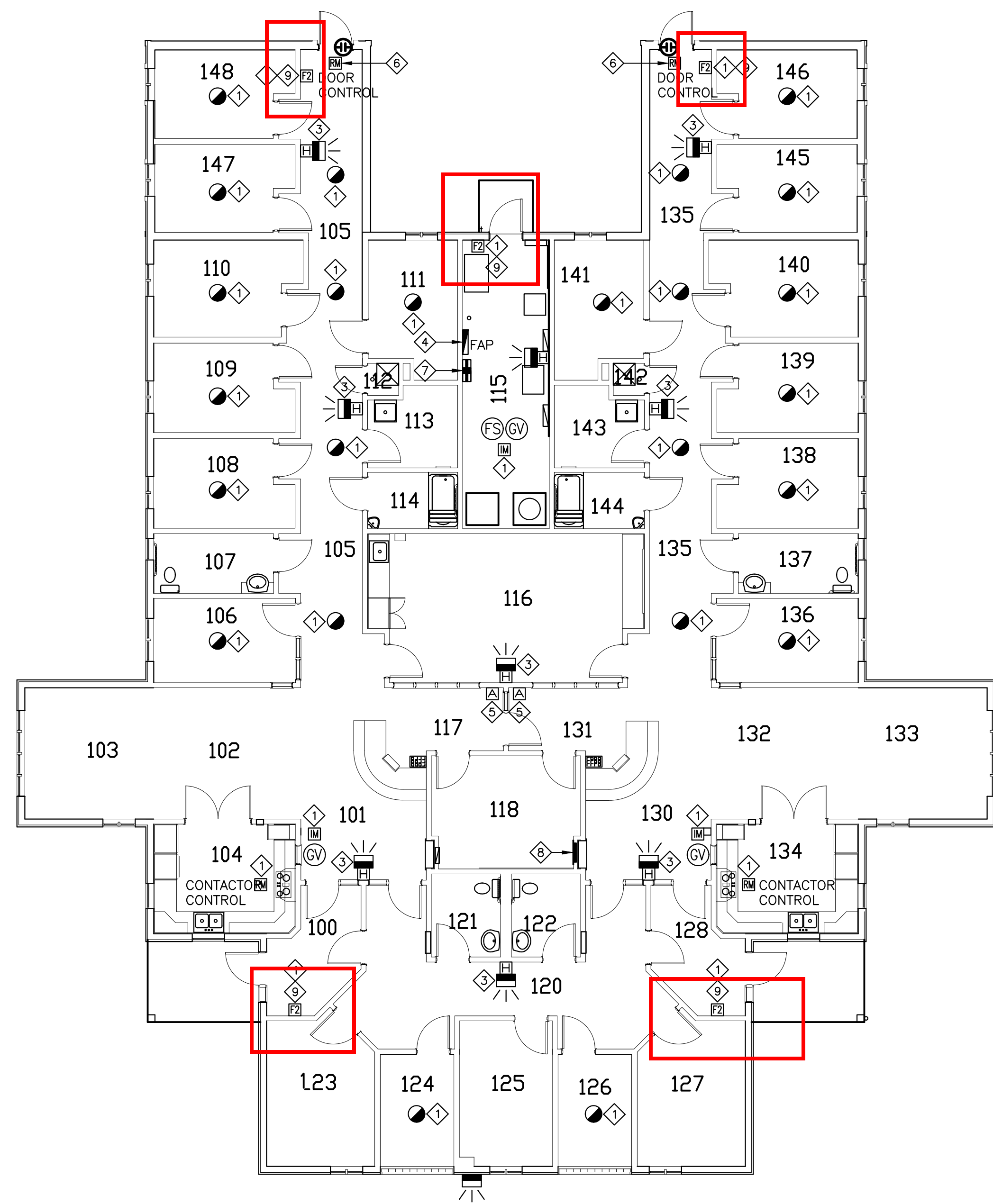
EXTERIOR WALL CONSTRUCTION
 -CEMENT SIDING
 -WOOD STRAPPING
 -AIR BARRIER
 -25mm RIGID INSULATION
 -150mm STEEL STUDS @ 400mm
 -BATT INSULATION
 -VAPOUR BARRIER
 -16mm TYPE X GYPSUM BOARD
 ABUSE RESISTANT

INTERIOR PARTITIONS
 -16mm GYPSUM BOARD ABUSE RESISTANT
 -16mm GYPSUM BOARD
 -92mm STEEL STUDS @ 400mm
 -BATT INSULATION
 -16mm GYPSUM BOARD ABUSE RESISTANT

GENERAL NOTES:
 EXISTING SIEMENS FIRE ALARM SYSTEM TO BE REPLACED WITH NEW GENERATION ADDRESSABLE FIRE ALARM SYSTEM.
 EXISTING INITIATING AND SIGNAL CIRCUIT WIRING TO BE MAINTAINED, UNLESS INDICATED OTHERWISE.
 EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

- 1 EXISTING INITIATING CIRCUIT DEVICE TO BE REPLACED WITH NEW DEVICE.
- 2 EXISTING BELL/STROBE SIGNAL CIRCUIT DEVICE TO BE REPLACED WITH NEW HORN/STROBE DEVICE.
- 3 EXISTING HORN/STROBE SIGNAL CIRCUIT DEVICE TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH NEW HORN/STROBE DEVICE WHERE REQUIRED.
- 4 EXISTING FIRE ALARM TRANSDUCER TO BE REPLACED WITH NEW TRANSDUCER.
- 5 EXISTING REMOTE ANNUNCIATOR TO BE COMPATIBLE WITH NEW FIRE ALARM SYSTEM, REPLACE WITH REMOTE ANNUNCIATOR WHERE REQUIRED.
- 6 EXISTING RELAY MODULE TO BE REMOVED.
- 7 NEW DOOR ANNUNCIATOR CONTROL PANEL. FEED FROM NEW 15A-1P CIRCUIT BREAKER IN EXISTING PANEL "SL-1".
- 8 PROVIDE 1-15A-1P CIRCUIT BREAKER (COMPLETE WITH BREAKER LOCK) IN EXISTING PANEL "SL-1" FOR NEW DOOR ANNUNCIATOR CONTROL PANEL. CIRCUIT BREAKER SHALL BE SIEMENS TYPE BL.
- 9 RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.

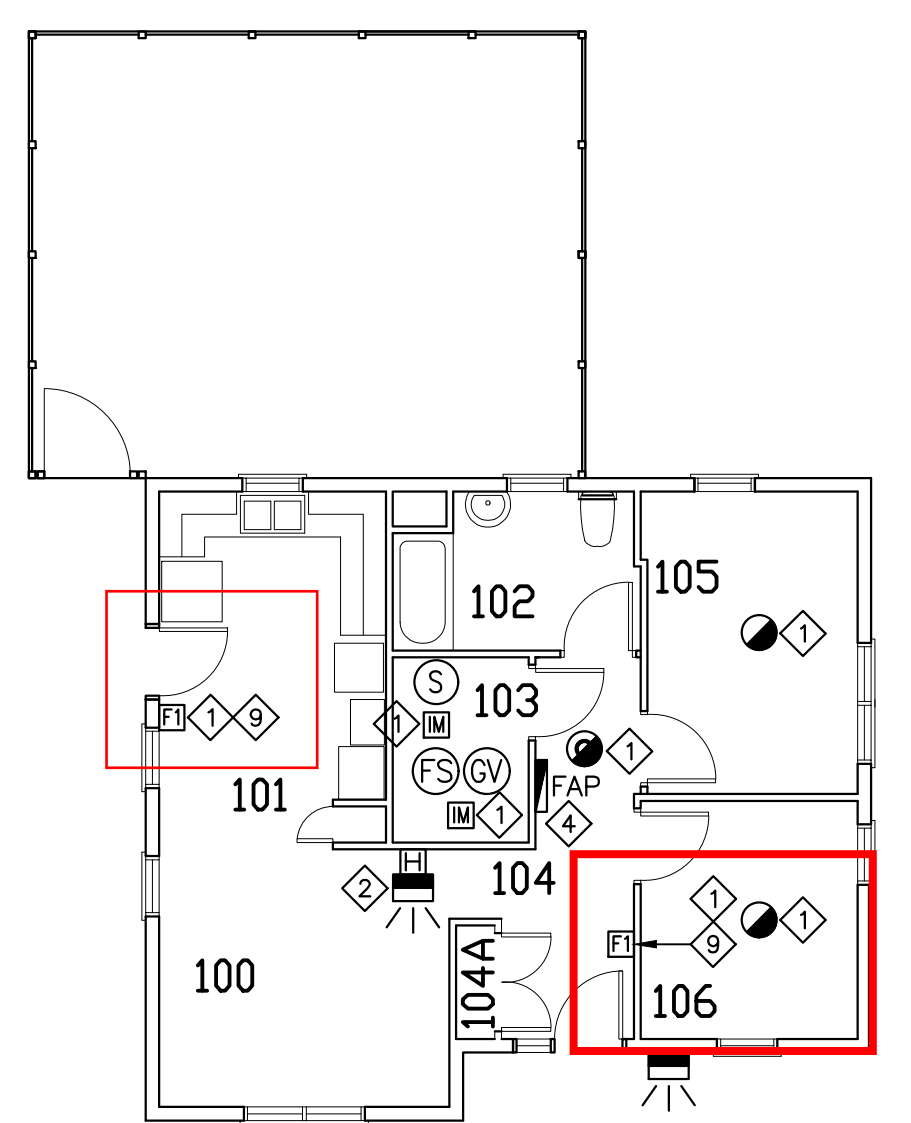


STRUCTURED LIVING ENVIRONMENT LEGEND

- 100 - ENTRANCE
- 101 - LOBBY
- 102 - DINING ROOM
- 103 - LIVING ROOM
- 104 - KITCHEN
- 105 - CORRIDOR
- 106 - DEN / QUIET
- 107 - WASHROOM
- 108 - BEDROOM
- 109 - BEDROOM
- 110 - BARRIER-FREE BEDROOM
- 111 - BEDROOM
- 112 - JANITOR
- 113 - LAUNDRY
- 114 - BATHROOM
- 115 - SERVICES
- 116 - PROGRAM ROOM
- 117 - STAFF
- 118 - STAFF
- 120 - OFFICE CORRIDOR
- 121 - WASHROOM
- 122 - WASHROOM
- 123 - OFFICE
- 124 - THERAPEUTIC QUIET ROOM
- 125 - OFFICE
- 126 - THERAPEUTIC QUIET ROOM
- 127 - OFFICE
- 128 - ENTRANCE
- 130 - LOBBY
- 131 - STAFF ROOM
- 132 - DINING ROOM
- 133 - LIVING ROOM
- 134 - KITCHEN
- 135 - CORRIDOR
- 136 - DEN / QUIET
- 137 - WASHROOM
- 138 - BEDROOM
- 139 - BEDROOM
- 140 - BARRIER-FREE BEDROOM
- 141 - BEDROOM
- 142 - JANITOR
- 143 - LAUNDRY
- 144 - BATHROOM
- 145 - BEDROOM
- 146 - BEDROOM
- 147 - BEDROOM
- 148 - BEDROOM

PRIVATE FAMILY VISIT LEGEND

- 100 - LIVING ROOM
- 101 - KITCHEN
- 102 - BATHROOM
- 103 - MECHANICAL
- 104 - CORRIDOR
- 104A - CLOSET
- 105 - BEDROOM
- 106 - BEDROOM



PRIVATE FAMILY VISIT

SCALE: 1:100



STRUCTURED LIVING ENVIRONMENT

SCALE: 1:100



1	ISSUED FOR TENDER	10/27/2020
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project: FIRE ALARM UPGRADE NOVA INSTITUTION

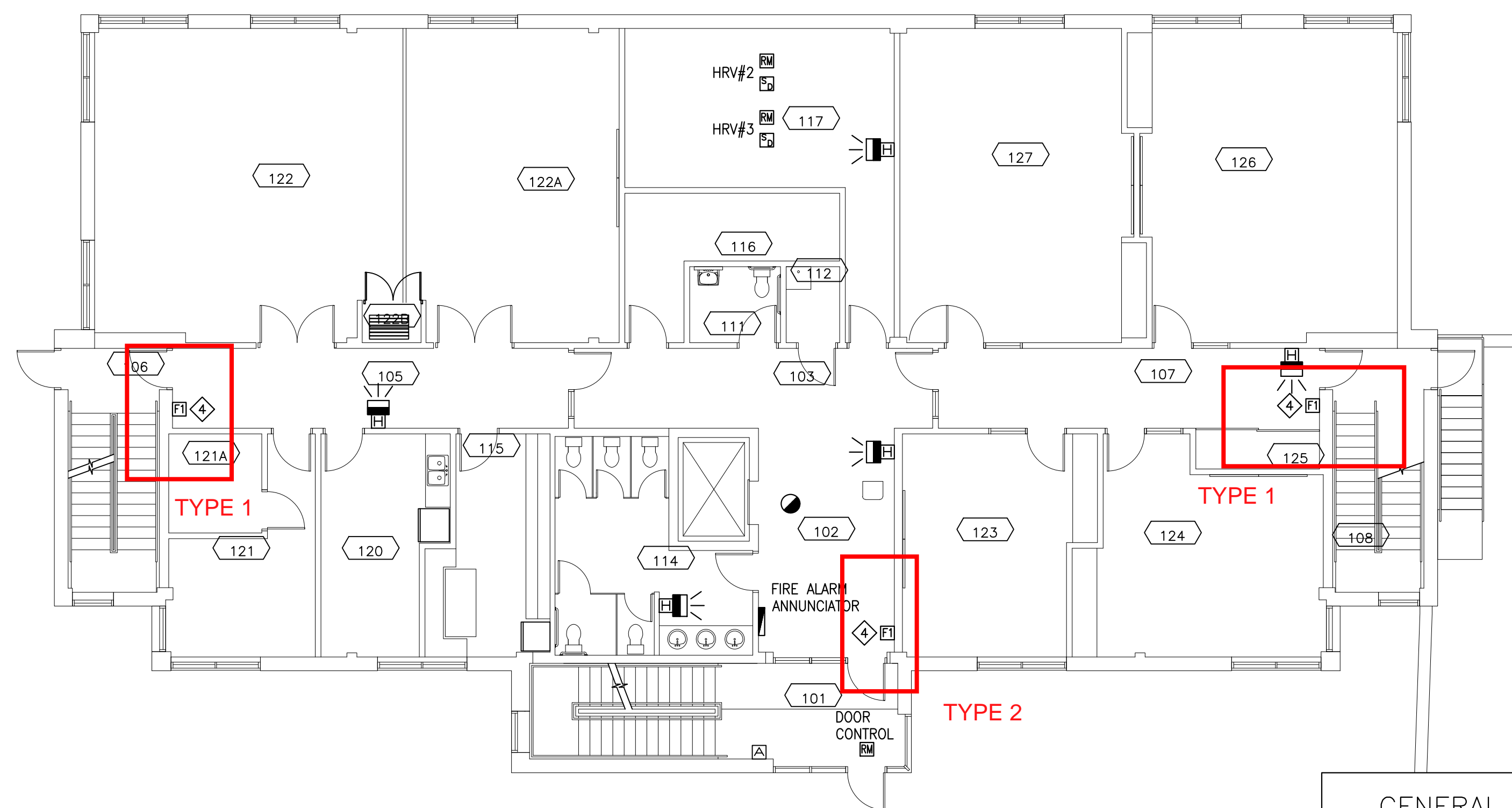
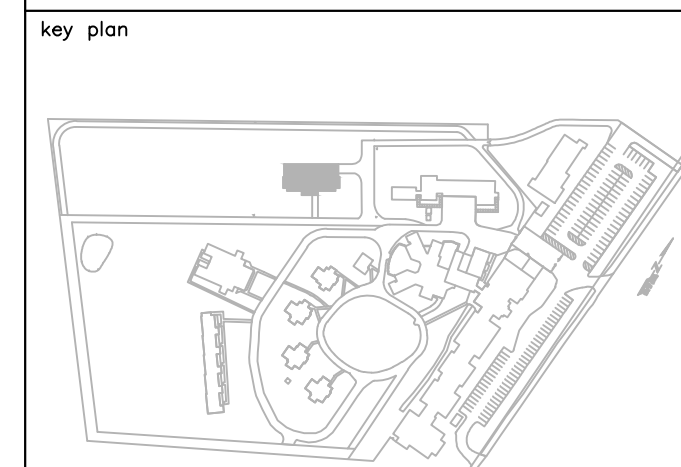
TRURO, NS

drawing: STRUCTURED LIVING ENVIRONMENT AND PRIVATE FAMILY VISIT BUILDINGS
 design: FIRE ALARM PLANS

designed	PM	conçu
date	MARCH 2020	
drawn	BD	dessiné
date	MARCH 2020	
approved	RGR	approuvé
date	MARCH 2020	
tender		Submission

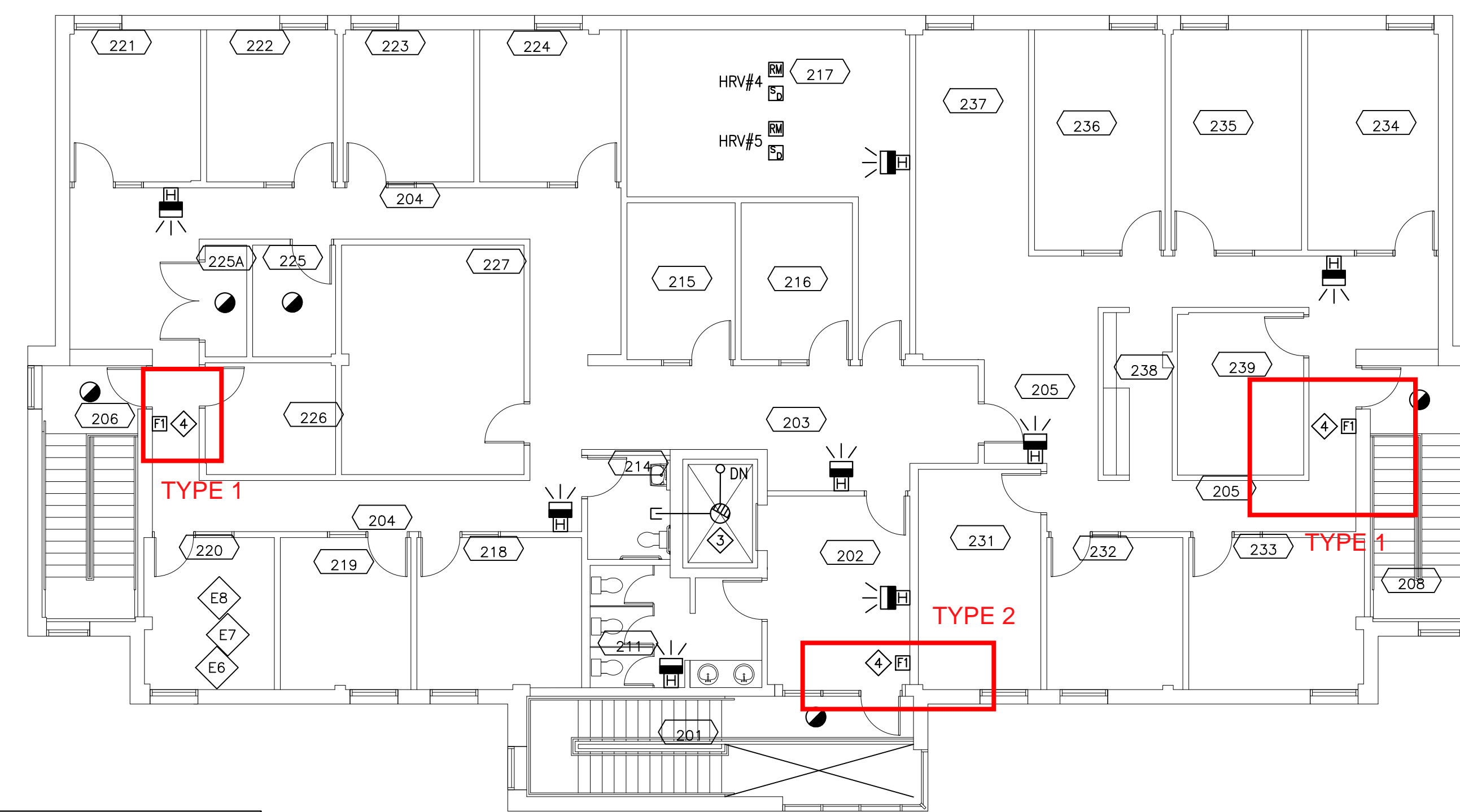
PWSSC Project Manager / Administrateur de projets TPSSC
 project number / no. du projet: R.089585.001

drawing no. / no. du dessin: E-11



FIRST FLOOR

SCALE: 1:100



SECOND FLOOR

SCALE: 1:100



GENERAL NOTE:

EXISTING SIEMENS FIRE ALARM SYSTEM SHALL BE MAINTAINED IF THE REPLACEMENT FIRE ALARM SYSTEM THROUGHOUT THE CAMPUS IS BY EXISTING MANUFACTURER, OTHERWISE A NEW ADDRESSABLE FIRE ALARM SYSTEM SHALL BE PROVIDED TO REPLACE ALL COMPONENTS FOR THIS BUILDING. ALL BUILDINGS ON THE CAMPUS SHALL BE EQUIPPED WITH A FIRE ALARM SYSTEM FROM A SINGLE MANUFACTURER.

IF THE EXISTING FIRE ALARM SYSTEM IN THIS BUILDING IS REPLACED (PER THE NOTE ABOVE) THE CONTROL PANEL AND ANNUNCIATOR AND ALL FIELD DEVICES SHALL BE TURNED OVER TO THE DEPARTMENTAL REPRESENTATIVE.

EXISTING SPRINKLER COMPONENTS ARE NOT TO BE MODIFIED, ONLY ADDRESSABLE MODULES ARE TO BE REPLACED UNLESS INDICATED OTHERWISE.

FIRE ALARM NOTES:

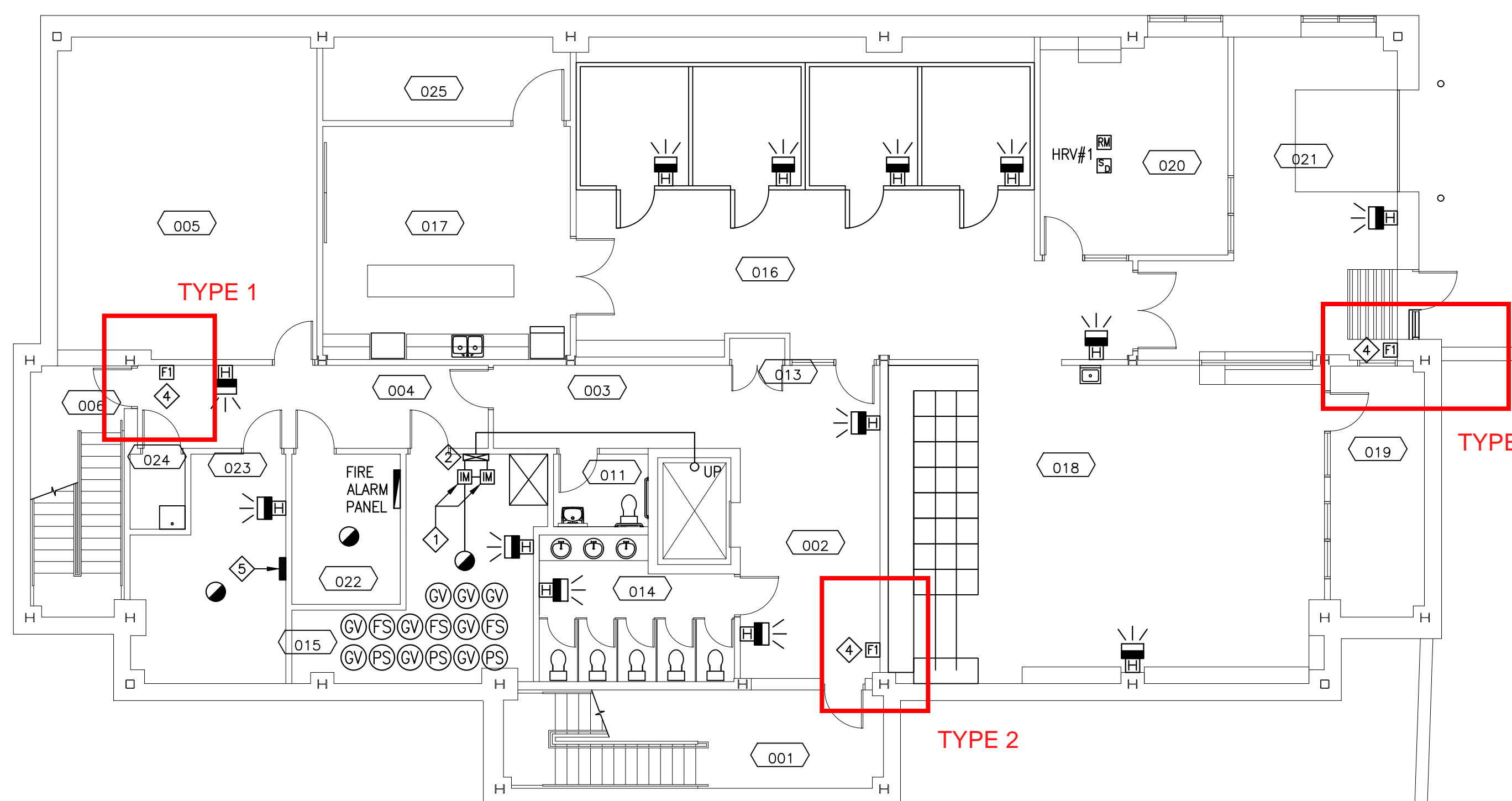
- 1 EXTEND EXISTING FIRE ALARM INITIATING CIRCUITRY TO NEW DEVICE.
- 2 ASPIRATING SMOKE DETECTOR CONTROL PANEL. EXTEND 21mm AIR SAMPLING PIPING TO TOP OF ADJACENT ELEVATOR SHAFT. FEED FROM SPARE 15A-1P CIRCUIT BREAKER IN EXISTING PANEL "P4".
- 3 EXISTING ELEVATOR SHAFT SMOKE DETECTOR TO BE REMOVED AND REPLACED WITH NEW SAMPLING POINT.
- 4 RELOCATE EXISTING MANUAL PULL STATION SUCH THAT IT IS 1100mm ABOVE THE FINISHED FLOOR. REPAIR WALL AND REPAIR WALL FINISH TO MATCH EXISTING FINISH.
- 5 CONNECT ASPIRATING SMOKE DETECTOR CONTROL PANEL TO SPARE 1-15A-1P CIRCUIT BREAKER IN EXISTING PANEL "P4" (GATON PRL1). PROVIDE CIRCUIT BREAKER LOCK. CONFIRM EXACT LOCATION OF PANEL ON SITE.

TYPE 1

- 16mm GYPSUM BOARD TYPE X
- 92mm STEEL STUDS @ 400mm
- 100mm AIR SPACE
- 92mm STEEL STUDS @ 400mm
- BATT INSULATION
- 2 LAYERS OF 16mm GYPSUM BOARD TYPE X

TYPE 2

- 2 LAYERS OF 16mm GYPSUM BOARD
- 152mm STEEL STUDS @ 150mm
- BATT INSULATION
- 16mm GYPSUM BOARD



GROUND FLOOR

SCALE: 1:100



GROUND FLOOR LEGEND

- 001 - MAIN STAIR
- 002 - LOBBY
- 003 - CORRIDOR
- 004 - CORRIDOR
- 005 - UNASSIGNED
- 006 - EXIT STAIR A
- 007 - EXIT STAIR B
- 011 - BF STAFF WASHROOM
- 013 - ELEVATOR CONTROL CLOSET
- 014 - INMATE WASHROOM
- 015 - MECHANICAL ROOM
- 016 - BULK STORAGE
- 017 - TRAINING KITCHEN
- 018 - ORDER PROCESSING
- 019 - FOOD SERVICE OFFICE
- 020 - FOOD SERVICE OFFICE
- 021 - RECEIVING
- 022 - COMM/TEL ROOM
- 023 - ELECTRICAL ROOM
- 024 - JANITOR
- 025 - LONG TERM STORAGE

FIRST FLOOR LEGEND

- 101 - MAIN STAIR
- 102 - CORRIDOR
- 103 - CORRIDOR
- 105 - CORRIDOR
- 106 - EXIT STAIR A
- 107 - CORRIDOR
- 108 - EXIT STAIR B
- 111 - BF STAFF WASHROOM
- 112 - JANITOR
- 114 - INMATE WASHROOM
- 115 - KITCHEN
- 116 - SPIRITUAL STORAGE
- 117 - MECHANICAL
- 120 - VISITATION
- 121 - CLERGY OFFICE
- 121A - CLERGY STORAGE
- 122 - SPIRITUALITY CENTRE
- 122A - PROGRAM ROOM
- 122B - PARTITION STORAGE
- 123 - PROGRAM ROOM
- 124 - PROGRAM ROOM
- 125 - STORAGE
- 126 - PROGRAM ROOM
- 127 - PROGRAM ROOM

SECOND FLOOR LEGEND

- 201 - MAIN STAIR
- 202 - CORRIDOR
- 203 - CORRIDOR
- 204 - CORRIDOR
- 205 - CORRIDOR
- 206 - EXIT STAIR A
- 208 - EXIT STAIR B
- 211 - BARRIER FREE WASHROOM
- 214 - WASHROOM
- 215 - INTERVIEW ROOM
- 216 - INTERVIEW ROOM
- 217 - MECHANICAL ROOM
- 218 - COUNSELLING
- 219 - OFFICE
- 220 - OFFICE
- 221 - OFFICE
- 222 - OFFICE
- 223 - OFFICE
- 224 - OFFICE
- 225 - BUILDING SYSTEMS
- 225A - COMM/TEL ROOM
- 226 - UNASSIGNED
- 227 - WORKSTATIONS
- 231 - PROGRAM OFFICE
- 232 - PROGRAM COORDINATOR
- 233 - UNASSIGNED
- 234 - PROGRAM OFFICE
- 235 - PROGRAM OFFICE
- 236 - PROGRAM OFFICE
- 237 - WORKSTATIONS
- 238 - COPY
- 239 - STORAGE

1	ISSUED FOR TENDER	10/27/2020
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revisions		date
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project	FIRE ALARM UPGRADE NOVA INSTITUTION	project
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TRURO, NS

PROGRAMS BUILDING FIRE ALARM PLANS

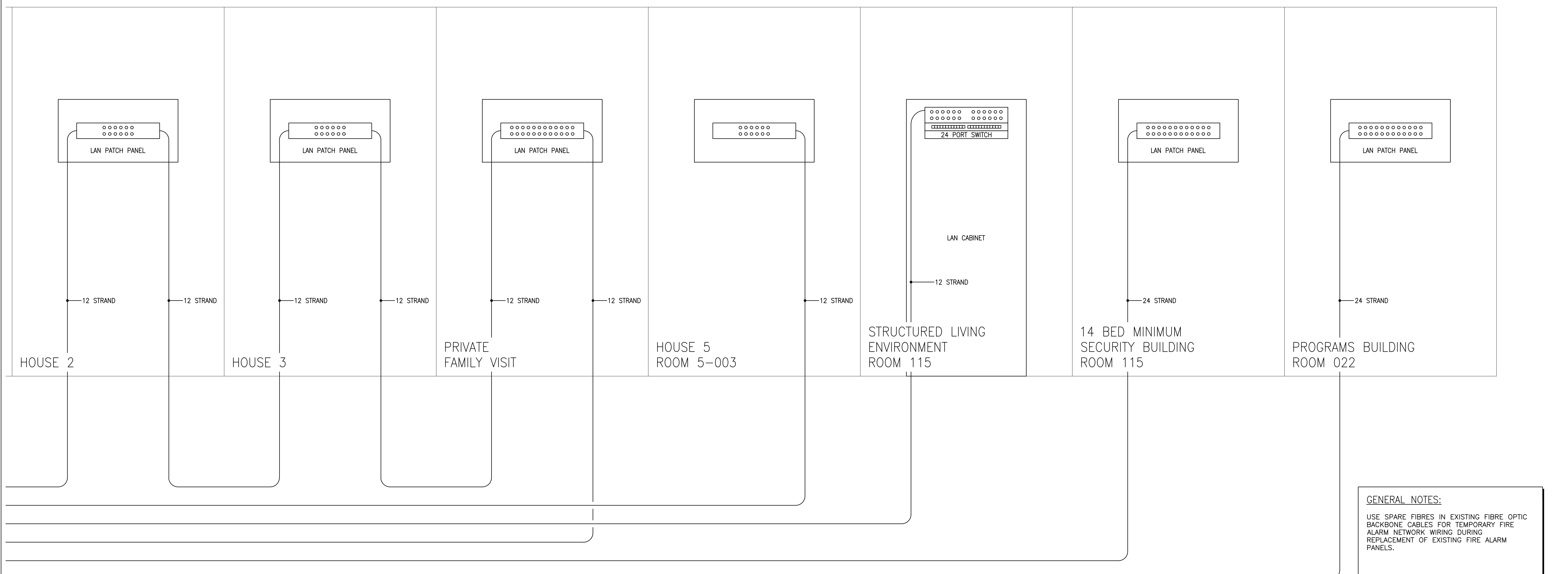
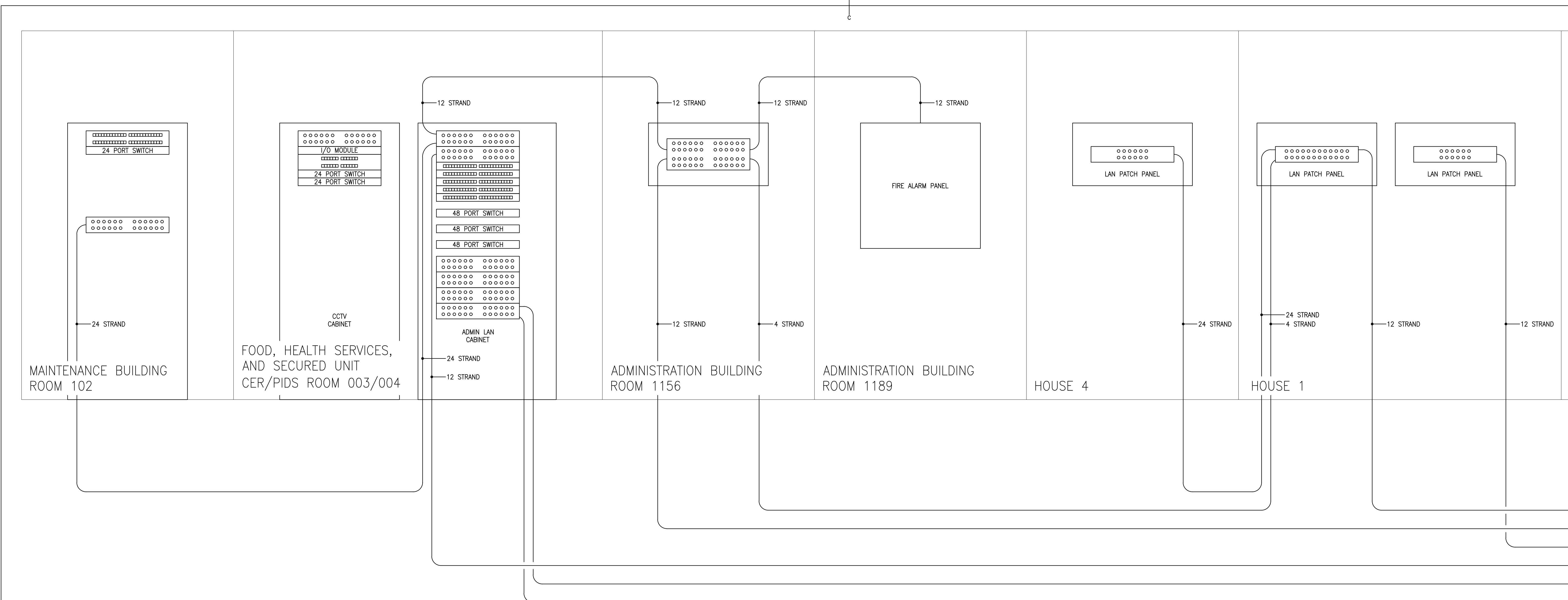
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date	MARCH 2020	
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project number	R.089585.001	no. du projet
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GENERAL NOTES:
 USE SPARE FIBRES IN EXISTING FIBRE OPTIC BACKBONE CABLES FOR TEMPORARY FIRE ALARM NETWORK WIRING DURING REPLACEMENT OF EXISTING FIRE ALARM PANELS.

1	ISSUED FOR TENDER	10/27/2020
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revisions		date
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project	FIRE ALARM UPGRADE NOVA INSTITUTION	projet
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TRURO, NS

EXISTING PARTIAL FIBRE BACKBONE RISER

designed	PM	conçu
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date	MARCH 2020	date
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drawn	BD	dessiné
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date	MARCH 2020	date
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approved	RGR	approuvé
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date	MARCH 2020	date
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Tender		Soumission
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PWGC Project Manager	Administrateur de projets TPSCG
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project number R.089585.001
no. du projet

drawing no. E-13
no. du dessin