

SECURITY AND ELECTRONIC SAFETY FLOOR PLAN - MAIN LEVEL

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

INTRUSION ALARM AND ACCESS CONTROL SYSTEM SINGLE LINE

SCALE: NOT TO SCALE

KEYNOTES

- ALARM PUSHBUTTON TIED INTO INTRUSION ALARM SYSTEM. MOUNT PUSHBUTTON BELOW COUNTER.
- USE DOOR TYPE 'D' WITH KEYPAD ON EACH SIDE OF DOOR.
- ALARM HORN WILL SOUND WHEN PUSHBUTTONS ARE ACTUATED.
- SUPPLY AND INSTALL MONITORING DEVICE WIRING IN 21mm CONDUITS FROM DEVICE LOCATION BACK TO JUNCTION BOX IN ROOM 136.
- SUPPLY AND INSTALL 610mm x 610mm x 100mm JUNCTION BOX LOCATED IN ACCESSIBLE CEILING SPACE.
- PULL BOXES OR JUNCTION BOXES SHALL NOT BE INSTALLED WITHIN OR OVER THIS ROOM UNLESS SPECIFICALLY SERVICING EQUIPMENT OR DEVICES LOCATED WITHIN.
- SUPPLY AND INSTALL MONITORING DEVICE WIRING IN 21mm CONDUITS FROM DEVICE LOCATION BACK TO JUNCTION BOX IN ROOM 151.
- 53mm CONDUIT COMPLETE WITH PULL CORD TO RUN FROM GUARD DESK BACK TO ROOM 151 FOR CCTV MONITOR. ROUTE UNDER SLAB AND COORDINATE FINAL STUB UP LOCATION WITH MILLWORK.
- CARD READER MOUNTED TO SECURITY BOLLARD. INSTALL 21mm UNDERGROUND CONDUIT TO FEED CARD READER. REFER TO DRAWING 2800-2 FOR PEDESTAL DETAILS. COORDINATE FINAL LOCATION WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO ROUGH-IN.
- FLUSH MOUNT DEVICES IN ROOMS WITH ACOUSTIC WALL PANELS. SUPPLY ALL EXTENSION RINGS AND TAMPERPROOF HARDWARE AS REQUIRED.
- EXTERIOR CAMERA LOCATIONS TO BE 305mm BELOW ROOF LINE. EMT CONDUIT TO STUB OUT AND STOP AT THE EXTERIOR FACE OF THE BUILDING THEN CONVERT TO LIQUID TIGHT FLEXIBLE CONDUIT. COORDINATE FINAL LOCATIONS WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO ROUGH-IN.
- CAMERA TO BE INSTALLED UNDER CANOPY. CABLING TO RUN INSIDE OF CANOPY TO CAMERA LOCATION. COORDINATE FINAL LOCATION WITH DEPARTMENTAL REPRESENTATIVE BEFORE ROUGH-IN.

SECURITY LEGEND

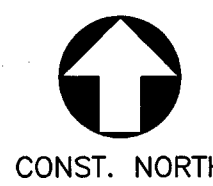
CP	ACCESS CONTROL CARD READER LOCATION
KP	ACCESS CONTROL KEYPAD LOCATION
CC	DOOR CONTACT LOCATION
M	INTRUSION ALARM MOTION SENSOR LOCATION. MOUNTED 2400mm A.F.F.
PA	PANIC ALARM BELL LOCATION. INSTALL 2 PAIR NUMBER 22 AWG IN 16mm C TO ROOM 119
PB	PANIC ALARM BUTTON LOCATION
CM	CAMERA LOCATION. COORDINATE EXACT LOCATION OF BOX WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO ROUGH-IN.
MO	MICROPHONE OUTLET LOCATION. MOUNTED 450mm A.F.F.
CHIME	DOORBELL CHIME LOCATION. MOUNTED 305mm BELOW CEILING.
B	DOORBELL BUTTON LOCATION. MOUNTED 1220mm A.F.F.
DCM	SECURITY DOOR CONTROL MODULE SUPPLIED BY DEPARTMENTAL REPRESENTATIVE. INSTALLED BY DIV. 28. MOUNTED IN CEILING SPACE. POWER BY DIV. 28.
JB	JUNCTION BOX. SIZE AS INDICATED
PR	DOOR RELEASE PUSHBUTTON. BY DEPARTMENTAL REPRESENTATIVE

NOTES:

- USE 21mm CONDUIT FROM JUNCTION BOXES TO DEVICES.
- LEAVE 1m COILS AT DEVICE LOCATIONS AND 3m COILS AT THE ALARM PANELS FOR TERMINATION AND COMMISSIONING BY DEPARTMENTAL REPRESENTATIVE.
- COORDINATE FINAL LOCATIONS AND QUANTITIES OF DEVICES WITH FLOOR PLANS.
- COORDINATE REQUIREMENTS WITH DEPARTMENTAL REPRESENTATIVE.
- SEE DETAILS 1-6 ON DRAWING 2800-3 FOR DOOR CONTACT AND ELECTRIC LOCK LOCATIONS.
- KEYPAD WIRING TO BE DAISY-CHAINED.
- MOTION SENSORS ARE TO BE HOME RUNS BACK TO ROOM 119.
- DOOR CONTACT WIRING FOR DOOR TYPE 1, 3, AND 5 ARE TO BE RUN BACK TO NEAREST DOOR CONTROL MODULE WITH A 610mm COIL THEN RUN BACK TO ROOM 119. ALL OTHER DOOR CONTACTS ARE TO RUN BACK TO ROOM 119.
- ELECTRIC LOCK AND CARD READER WIRING ARE TO BE RUN BACK TO NEAREST DOOR CONTROL MODULE.
- WIRING, CONDUIT, AND BOXES BY THIS CONTRACTOR. DEVICES SUPPLIED AND INSTALLED BY DEPARTMENTAL REPRESENTATIVE.

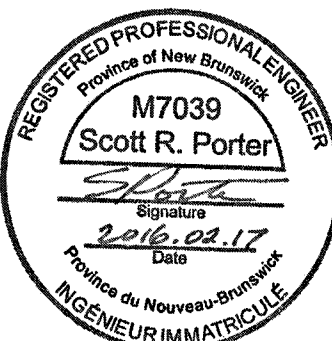
WIRING REQUIREMENTS

CP	8 CONDUCTOR #22 SHIELDED, DELCO #4020P-CC
KP	8 CONDUCTOR #22 SHIELDED, DELCO #4020P-CC
DCM	8 CONDUCTOR #22 SHIELDED, DELCO #4020P-CC
CC	2 PAIR #22. TEVELEC #T13994-30-02
M	2 PAIR #22. TEVELEC #T13994-30-02
EL	8#18. TEVELEC #T154154



KEY PLAN

SCALE - NTS



0	RELEASED FOR CONSTRUCTION	1/29/2016
revisions		date
project		project

NEW
G.O.C.B.
SAINT-LÉONARD
NEW BRUNSWICK

drawing dessin

MAIN FLOOR PLAN
SECURITY,
ELECTRONIC SAFETY
AND DETAILS

designed SRP conçu

date JANUARY 29, 2016

drawn MG dessiné

date JANUARY 29, 2016

approved DAG approuvé

date FEBRUARY 17, 2016

Tender soumission

PWSC Project Manager Administrateur de projet TPSOC

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