JUNCTION BOX LEGEND:

JUNCTION BOX 'JB1' (100mm X 100mm X 75mm) TIED TO THE CLOSEST JUNCTION BOX OF THE MAIN CONDUIT RUN. LOCATED ON SECURE SIDE OF DOOR.

JUNCTION BOX 'JB2' (250mm X 250mm X 75mm), LOCATED ON SECURE SIDE OF DOOR.

JUNCTION BOX 'JB3' (50 x 100mm) FOR FUTURE CARD READER BY DEPARTMENTAL REPRESENTATIVE, LOCATED ON NON-SECURE SIDE OF DOOR.

JUNCTION BOX 'JB4' (50 x 100mm) FOR FUTURE KEYPAD BY DEPARTMENTAL REPRESENTATIVE, LOCATED ON SECURE SIDE OF DOOR.

JUNCTION BOX FOR EMERGENCY POWER RECEPTACLE BY ELECTRICAL CONTRACTOR. LOCATE ON SECURE SIDE OF DOOR AND CENTRE OF PLYWOOD.

NOTES:

CONCEALED CONDUIT BELOW CEILING.

2. JUNCTION BOX COVER MUST BE PAINTED PURPLE.

JUNCTION BOX ABOVE CEILING MUST BE ACCESSIBLE. 4. DOOR FRAME DRILLED TO ACCEPT CONTACT SWITCH. HOLE TO BE

86mm FROM LOCKSET SIDE, 25mm IN DIAMETER AND 50mm DEEP. 4C #22 AWG SHEILDED CABLE IN 21mmØ EMT CONDUIT C/W CABLE BY

ELECTRICAL CONTRACTOR.

6. 27mmØ FLEXIBLE CONDUIT X 1525mm LONG. 7. 8C #22 AWG CABLE IN 27mmØ EMT CONDUIT C/W CABLE BY

ELECTRICAL CONTRACTOR. TERMINATION BY DEPARTMENTAL REPRESENTATIVE. 8. 8C #22 AWG SHEILDED CABLE IN 21mmØ EMT CONDUIT C/W CABLE BY

ELECTRICAL CONTRACTOR, TERMINATION BY DEPARTMENTAL REPRESENTATIVE. 9. WIRING DEVICES SUPPLIED AND INSTALLED BY DEPARTMENTAL

REPRESENTATIVE.

10. ALL CONDUIT/BOXES/ROUGH-IN BY ELECTRICAL.

11. ALL 120V WIRING AND CONNECTIONS BY ELECTRICAL 12. ALL LOW VOLTAGE WIRING BY ELECTRICAL CONTRACTOR.

13. PROVIDE 1.0m COILED CABLE AT EACH END FOR ALL CABLES NOTED, FOR FUTURE TERMINATION BY OTHERS

14. 2 - #12 AWG RW75 COPPER CONDUCTORS PLUS 1 - #12 AWG COPPER BOND IN 21mmØ EMT CONDUIT FOR 120V EMERGENCY POWER.

- TYPICAL: SEE NOTE 7. JB1 - TYPICAL: SEE NOTE 7. TYPICAL: SEE NOTE 14. JB2 TYPICAL: SEE NOTE 6. 600mm X 600mm X 19mm PLYWOOD IN CEILING SPACE ON SECURE SIDE. RESERVED -SPACE CEILING TYPICAL: -TYPICAL: -- TYPICAL: SEE NOTE 8. SEE NOTE 8. SEE NOTE 5. DOOR CONTACT/POSITION SWITCH. CENTRE OF DOOR CONTACT TO BE 90mm FROM INNER EDGE OF DOOR FRAME. JB3 WIRE TRANSFER TYPE E LOOP EQUAL TO ABLOY EA280 OR EA281. FINISHED FLOOR

DOOR HARDWARE TYPE 'E' ROUGH-IN DETAIL E604

JUNCTION BOX LEGEND:

JUNCTION BOX 'JB1' (100mm X 100mm X 75mm) TIED TO THE CLOSEST JUNCTION BOX OF THE MAIN CONDUIT RUN. LOCATED ON SECURE SIDE OF DOOR, WITHIN 1200mm RADIUS OF DOOR.

JUNCTION BOX 'JB2' (250 x 250 x 75mm), LOCATED ON SECURE SIDE OF DOOR.

JUNCTION BOX 'JB3' (50 x 100mm) FOR FUTURE CARD READER BY DEPARTMENTAL REPRESENTATIVE, LOCATED ON BOTH SIDES OF DOOR. EXTERIOR TO BE WEATHERPROOF TYPE.

JUNCTION BOX 'JB4' (50 x 100mm) FOR FUTURE KEYPAD BY DEPARTMENTAL REPRESENTATIVE, LOCATED ON SECURE SIDE OF DOOR AT SPECIFIED KEYPAD LOCATION.

JUNCTION BOX 'JB5' FOR EMERGENCY POWER CIRCUIT, BY ELECTRICAL CONTRACTOR, LOCATED ON SECURE SIDE OF DOOR AND CENTRE OF PLYWOOD.

NOTES:

CONCEALED CONDUIT BELOW CEILING.

2. JUNCTION BOX COVER MUST BE PAINTED PURPLE.

JUNCTION BOX ABOVE CEILING MUST BE ACCESSIBLE.

4. DOOR FRAME DRILLED TO ACCEPT CONTACT SWITCH. HOLE TO BE 86mm FROM LOCKSET SIDE, 25mm IN DIAMETER AND 50mm DEEP. 5. 4C #22 AWG SHEILDED CABLE IN 21mmØ EMT CONDUIT C/W CABLE

BY ELECTRICAL CONTRACTOR. TERMINATION BY DEPARTMENTAL

REPRESENTATIVE. 6. 27mmØ FLEXIBLE CONDUIT X 1525mm LONG.

7. 8C #22 AWG SHEILDED CABLE IN 21mmØ EMT CONDUIT C/W CABLE BY ELECTRICAL CONTRACTOR. TERMINATION BY DEPARTMENTAL REPRESENTATIVE.

8. 8C #22 AWG SHEILDED CABLE IN 27mmØ EMT CONDUIT C/W CABLE BY ELECTRICAL CONTRACTOR. TERMINATION BY DEPARTMENTAL REPRESENTATIVE

9. ALL CONDUIT/BOXES/ROUGH-IN BY ELECTRICAL.

10. WIRING DEVICES SUPPLIED AND INSTALLED BY DEPARTMENTAL

REPRESENTATIVE

11. ALL 120V WIRING AND CONNECTIONS BY ELECTRICAL. 12. ALL LOW VOLTAGE WIRING BY ELECTRICAL CONTRACTOR.

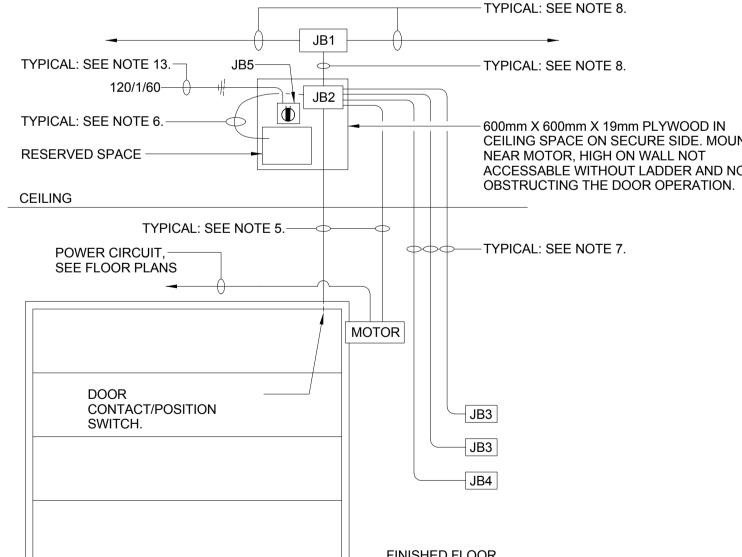
13. PROVIDE 1.0m COILED CABLE AT EACH END FOR ALL CABLES NOTED,

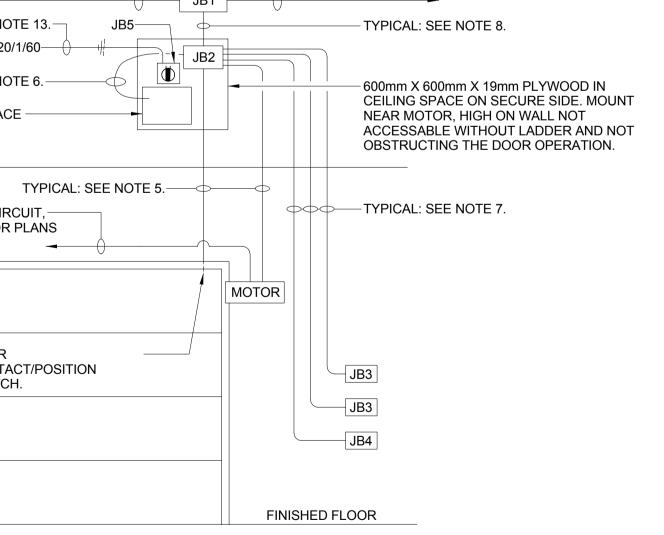
FOR FUTURE TERMINATION BY OTHERS

14. 2 - #12 AWG RW75 COPPER CONDUCTORS PLUS 1 - #12 AWG COPPER

BOND IN 21mmØ EMT CONDUIT FOR 120V EMERGENCY POWER.

DOOR HARDWARE TYPE 'H' ROUGH-IN DETAIL





JUNCTION BOX LEGEND:

50mm DEEP.

NOTES:

JUNCTION BOX LEGEND:

NOTES:

50mm DEEP.

REPRESENTATIVE.

JUNCTION BOX 'JB1' (100mm X 100mm X 75mm)

TIED TO THE CLOSEST JUNCTION BOX OF THE

OF DOOR, WITHIN 1200mm RADIUS OF DOOR.

1. CONCEALED CONDUIT BELOW CEILING.

2. JUNCTION BOX COVER MUST BE PAINTED PURPLE.

6. ALL CONDUIT/BOXES/ROUGH-IN BY ELECTRICAL.

3. JUNCTION BOX ABOVE CEILING MUST BE ACCESSIBLE.

5. WIRING DEVICES SUPPLIED AND INSTALLED BY OWNER.

ALL LOW VOLTAGE WIRING BY ELECTRICAL CONTRACTOR.

9. PROVIDE 1.0m COILED CABLE AT EACH END FOR ALL CABLES

ALL 120V WIRING AND CONNECTIONS BY ELECTRICAL

NOTED, FOR FUTURE TERMINATION BY OTHERS.

JUNCTION BOX 'JB1' (100mm X 100mm X 75mm) TIED TO

JUNCTION BOX 'JB2' (250mm X 250mm X 75mm), LOCATED

JUNCTION BOX 'JB4' (50 x 100mm) FOR FUTURE KEYPAD

BY OWNER, LOCATED ON SECURE SIDE OF DOOR.

THE CLOSEST JUNCTION BOX OF THE MAIN CONDUIT

RUN. LOCATED ON SECURE SIDE OF DOOR.

ON SECURE SIDE OF DOOR.

CONCEALED CONDUIT BELOW CEILING.

DEPARTMENTAL REPRESENTATIVE.

DEPARTMENTAL REPRESENTATIVE.

8. WIRING DEVICES SUPPLIED AND INSTALLED BY

9. ALL CONDUIT/BOXES/ROUGH-IN BY ELECTRICAL.

10. ALL 120V WIRING AND CONNECTIONS BY ELECTRICAL.

NOTED, FOR FUTURE TERMINATIONS BY OTHERS.

11. ALL LOW VOLTAGE WIRING BY ELECTRICAL CONTRACTOR.

12. PROVIDE 1.0m COILED CABLE AT EACH END FOR ALL CABLES

2. JUNCTION BOX COVER MUST BE PAINTED PURPLE.

3. JUNCTION BOX ABOVE CEILING MUST BE ACCESSIBLE.

4. DOOR FRAME DRILLED TO ACCEPT CONTACT SWITCH. HOLE

TO BE 86mm FROM LOCKSET SIDE, 25mm IN DIAMETER AND

ELECTRICAL CONTRACTOR. TERMINATION BY OWNER. CABLE

5. 4C #22AWG CABLE IN 21mmØ EMT CONDUIT C/W PULL WIRE BY

AND TERMINATION BY DEPARTMENTAL REPRESENTATIVE.

6. 8C #22 AWG CABLE IN 21mmØ EMT CONDUIT C/W PULL WIRE BY

ELECTRICAL CONTRACTOR. CABLE AND TERMINATION BY

7. 8C #22 AWG CABLE IN 27mmØ EMT CONDUIT C/W PULL WIRE BY

ELECTRICAL CONTRACTOR.TERMINATION BY DEPARTMENTAL

4. DOOR FRAME DRILLED TO ACCEPT CONTACT SWITCH. HOLE

TO BE 86mm FROM LOCKSET SIDE, 25mm IN DIAMETER AND

MAIN CONDUIT RUN, LOCATED ON SECURE SIDE

DOOR HARDWARE TYPE 'D' ROUGH-IN DETAIL

\ E604

JB1 8C #22AWG CABLE IN 27mmØ EMT -4C #22 AWG SHEILDED CABLE IN CONDUIT C/W CABLE BY ELECTRICAL 21mmØ EMT CONDUIT C/W CABLE BY CONTRACTOR . ROUTED BACK TO ELECTRICAL CONTRACTOR. TERMINATION BY DEPARTMENTAL ROOM 110. CABLE AND TERMINATION BY DEPARTMENTAL REPRESENTATIVE. REPRESENTATIVE. CEILING DOOR CONTACT/POSITION SWITCH. EDGE OF DOOR CONTACT TO BE 86mm TYPE B FROM CENTRE OF DOOR FRAME. FINISHED FLOOR

Denis Longuépée DOOR HARDWARE TYPE 'B' ROUGH-IN DETAIL PROVINCE OF NEWFOUNDLAND AND LABRADOR **ENGINEERING** pegni PERMIT J0291 STANTEC CONSULTING LTD.

> TYPICAL: SEE NOTE 7. JB1 TYPICAL: SEE NOTE 7. JB2 TYPICAL: SEE-NOTE 5. CEILING TYPICAL: SEE NOTE 6. DOOR CONTACT/POSITION SWITCH. EDGE OF DOOR CONTACT TO BE 86mm FROM CENTRE OF DOOR FRAME TYPE D FINISHED FLOOR

designed Designer conçu date 07/31/18 drawn Author dessiné date 07/31/18 approved Approver approuvé date 07/31/18 Tender Soumission PWGSC Project Manager Administrateur de projets TPSGC project number no. du proje 1005744

E604

04642

Signature or Member Number (Member-in-Responsible Charge)

ISSUED FOR ADDENDUM

GOCB Bay D'Espoir

Bay D'Espoir

DOOR HARDWARE

RISER DIAGRAMS

ISSUED FOR TENDER

revisions

2018

26/18

no. du dessir

Government Gouvernement of Canada du Canada

E-DRM/GDD-E:

PWGSC A1 (2004)