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Project No. R.061888.001		2016-06-24

PART 1 - GENERAL

1.1 RELATED SECTIONS .1 Section 05 50 00: METAL FABRICATIONS.

1.2 REFERENCES .1 American Standard Testing Method (ASTM):

- .1 ASTM E84, Steiner Tunnel Flame Spread Test.
- .2 ASTM D790-15e2, Standard Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- .3 ASTM D638-14, Standard Test Method for Tensile Properties of Plastics.

.2 Canadian Standards Association (CSA):

- .1 CSA B44.1 - Elevator and Escalator Equipment.
- .2 CSA B355 - Lifts for Persons with Physical Disabilities.
- .3 CSA - National Electric Code.

.3 National Building Code (NBC) 2010.

1.3 SHOP DRAWINGS .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.

.2 Indicate size and description of components, base material, surface finish, hardware, attachment devices, description of rough framing, etc.

.3 Provide parts list and maintenance instructions for incorporation into maintenance manuals.

PART 2 - PRODUCTS

2.1 LAUNDRY UNIT .1 Coin operated, commercial grade, electric, stacking washer and dryer unit, with 5 year warranty.

- .2 Washer -
 - .1 Power - 120V, 60Hz
 - .2 Capacity - 88 litres (3.1 cu. ft.)
 - .3 Speed - 40 RPM
- .3 Dryer
 - .1 Power - 240V, 60Hz
 - .2 Capacity - 190 litres (6.7 cu. ft.)

2.2 PENIL BED

- .1 One piece, maintenance free lower bed, Single size, complete with mattress. Colour to be selected by Departmental Representative.
 - .1 Herculite polymer construction.
 - .2 Impact resistant.
 - .3 Flexural strength - 131Mpa.
 - .4 Flexural modulus - 8963Mpa.
 - .5 Meet or exceed ASTM D638 and ASTM E84.
 - .6 Warranty - 10 year warranty.

2.3 INCLINED WHEELCHAIR PLATFORM LIFT

- .1 Inclined platform wheelchair lift for straight stairs, two landings and two stops. Lift consists of extruded aluminum guide rail, folding platform, over speed safety system and call stations at each landing.
 - .1 Load rating - 300kgs.
 - .2 Tower mount.
 - .3 Motor - Single phase, 2hp.
 - .4 Speed - up to 6m/minute.
 - .5 Colour - To be selected by Departmental Representative from standard range of colours.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Laundry Unit - Install Laundry Unit complete with security bracket.
- .2 Penil Bed - Install bed as per manufacturer's written instructions, in location as indicated on drawings.

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- .3 Inclined Wheelchair Platform Lift - Install platform lift as per manufacturer's written instructions, in location as indicated on drawings.

END OF SECTION