PROJECT: 3024F - 3000 x 2400 x 2439 ID (FLAT)

LOCATION:

CUSTOMER

JOB # 3024F

GENERAL INFORMATION
CONCRETE PANEL THICKNESS:
WALLS: 102mm
ROOF: 102mm - 152mm
FLOOR: 152mm c/w 25mm STEPDOWN

DESIGN LIVE LOADS:
SNOW: 60 PSF
FLOOR: 100 PSF
WIND: 27 PSF

OCCUPANCY CATEGORY: NORMAL (1.0)

ALL REBAR CAGES SHALL BE WELDED OR TIED

FINISHES
EXTERIOR: PLEASE SPECIFY (REFER TO SHEET F-1)
INTERIOR: SMOOTH CONCRETE

PAINT COLOURS
DOORS: PLEASE SPECIFY (REFER TO SHEET F-1)
EXTERIOR WALLS: NOT PAINTED
INTERIOR WALLS: NOT PAINTED
FLOOR: NOT PAINTED
ROOF: NOT PAINTED
FLOOR & ROOF EDGE: SHERWIN WILLIAMS H&C STAIN SPECIAL GREY
(COLOUR SHOWN IN IMAGE MAY NOT BE EXACT)

ASSEMBLY
IN HOUSE

APPROXIMATE BUILDING WEIGHT: 24 900 LBS (11.3 TONNE)

DRAWING INDEX
CVR - COVER PAGE
B - BUILDING DRAWINGS
P - PRODUCTION DRAWINGS
A - ASSEMBLY DETAILS
S - SITE PREPARATION
L - LIFT STUDY
D - DOOR DETAILS
F - FINISHES
M - MATERIALS
LEFT ELEVATION
EXTERIOR VIEW

RIGHT ELEVATION
EXTERIOR VIEW

LEFT PANEL: 2 897 LBS
RIGHT PANEL: 2 897 LBS
SLAB TO WALL & WALL TO ROOF SEALING DETAIL

PRODUCTION DETAIL: DRIP EDGE PLACEMENT

- Flat roofs located on the underside of the narrow edge of the roof
- Drip edge along entire perimeter of building
- KOROLATH strip shim 5mm x 3mm thick (top & bottom of walls) (max 610mm spacing is required)

CONTINUOUS NPT1 BASF CAULKING (LIMESTONE) INSIDE & OUT (TOOLED)

KOROLATH STRIP SHIM 5mm x 3mm thick (top & bottom of walls) (max 610mm spacing is required)

KOROLATH STRIP SHIM @ top & bottom of walls

2411 First Street, Louth, St. Catharines, ON, L2R 6P7
Tel: 905-684-8568
Fax: 905-684-8560
www.hygradeprecast.com
Loop Ferrule Insert

The Loop Ferrule Insert is fabricated by welding a looped strut to a closed-end ferrule. The Loop Ferrule insert is available in various sizes and is well suited for structural connections and the suspension of equipment, piping, etc. Minimum spacing between inserts is twice the minimum corner distance. Safe Working Load provides a factor of safety of approximately 3 to 1 in 3,000 psi normal weight concrete. Safe Working Loads are based on 13mm setback from face of concrete.
1. The pad area should be stripped of all organic and deleterious material. Excavate to a minimum of 1219mm below grade or to frost penetration depth. Backfill with OPSS 1010 granular 'B' compacted to 98% SPDD. Provide a minimum of 406mm of 19mm crush subbase beneath the slab on grade compacted to 100% standard proctor dry density. Provide a minimum 51mm top layer of fine material suitable for grading.

2. Ensure that the granular subbase and the area surrounding the building are well drained by positive slope of subgrade or by underfloor drainage pipes. Ensure all finished surfaces adjacent to the building slope away from the building perimeter.

3. If soil is disturbed, excavation must be lower than the disturbed level as per geotechnical review. Hy-Grade Precast will not be responsible for any damage or delays caused by poor or un-finished site preparation.

4. Access

Contractor must provide level, unobstructed area large enough for a crane and a tractor-trailer to park adjacent to the pad. The crane must be able to place its outriggers within 1524mm of the edge of the pad. The truck and crane must be able to get side-by-side under their own power. No overhead lines may be within a 22.86m radius of the center of the pad. A minimum or 610mm clearance is required between this building and adjacent buildings.

SUGGESTED MINIMUM SITE PREPARATION NOTES

* Final project site design and site preparation is by customer.
* This page is only a recommendation.

ACCESS

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DOOR #1

VENDOR: REGIONAL DOORS & HARDWARE

P.O. #: **EMA PREP FRAME**

DOOR FRAME

<table>
<thead>
<tr>
<th>QTY.</th>
<th>SIZE</th>
<th>GAUGE</th>
<th>OUT-SIDE SWING</th>
<th>INTERIOR</th>
<th>ASTRAGAL</th>
<th>HINGE-PREP</th>
<th>OPENING PREP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>914 x 2134</td>
<td>16</td>
<td>RIGHT HAND</td>
<td><strong>INTERIOR VIEW</strong></td>
<td>steel frame is NOT cast into concrete panel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DOORS

<table>
<thead>
<tr>
<th>MARK</th>
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<th>GAUGE</th>
<th>OUT-SIDE SWING</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>914 x 2134</td>
<td>16</td>
<td>RIGHT HAND</td>
<td>HONEYCOMB</td>
<td>FLAT</td>
<td>TYP 3/DOOR</td>
<td>NONE</td>
</tr>
</tbody>
</table>

*USE STOCK MATERIAL

** EMA PREP FRAME **

HARDWARE

<table>
<thead>
<tr>
<th>QTY.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>'A' HINGE SET - TYP 3/DOOR, TAYMOR 4100, NRP, BB, BUTT HINGE, 114mm x 102mm, GREY PRIMED</td>
</tr>
<tr>
<td>1</td>
<td>'B' LOCK SET - DOREX TLA51 32D - STANDARD SCHLAGE &quot;C&quot; w/ 178mm DOOR PULL &amp; 102mm x 406mm PLATE</td>
</tr>
<tr>
<td>1</td>
<td>'C' CHECK CHAIN w/ BINDER POSTS &amp; FASTENERS (N157A)</td>
</tr>
<tr>
<td>1</td>
<td>'D' THRESHOLD - CT-804 TYP. (KN CROWDER) x 914mm LONG</td>
</tr>
<tr>
<td>1</td>
<td>'E' WEATHER STRIP - TYP. (KN CROWDER W-29) x 5182mm LONG</td>
</tr>
<tr>
<td>1</td>
<td>'F' SWEEP - TYP. (KN CROWDER W-13S-2) x 914mm LONG - CUT TO LENGTH BY HY-GRADE</td>
</tr>
<tr>
<td>1</td>
<td>'G' DRIP CAP TYP. (KN CROWDER W-3) 1016mm LONG</td>
</tr>
</tbody>
</table>

REFER TO PAGE D-2 FOR DETAILS

OUTSIDE SWING

STEEL FRAME IS NOT CAST INTO CONCRETE PANEL

INTERIOR VIEW
Hinges - Taymor 4100 Series
Commercial 4½" x 4" template butt hinges
Model: 25-4173DC
Non-removable pin; ball bearing
Finish: grey primed
Meets BHMA/ANSI - A156.1 Grade 2

Lockset Assembly
Deadlock - Dorex TLA Series
Model TLA 51 - single cylinder deadlock
With interior thumbturn
Finish: C32D (stainless steel)
Keyway: standard Sclage "C"; solid brass, reinforced with hardened steel security roller; conforms to ANSI A156.1 Grade 2; 3 hour UL fire rating.

Threshoeld
CT-804

Weatherstripping
W-29
Clear anodized aluminum and seamles santoprene elastomeric skin seal; black

Sweep
W-13S-2
Anodized aluminum 30% acrylonitrile butadiene styrene; black

Drip Cap
W-3
Clear anodized aluminum

Door Hardware

Project Information
Job No.
Contract No.
PM
Customer

Designer Information
By

Title
Engineer Stamps

Ref ID
Rev
Date

Engineer
Drafted By
Checked By

Project Conf.
□_______

Mfg. Conf.
□_______

Views
□_______

Mass
□_______

Dimension
□_______

Hardware
□_______

Lifting
□_______

Sheet
Rev

D-2
**FINISHES**

**EXTERIOR:**
- **PLEASE SPECIFY**
  - SIMULATED OLD ASHLAR STONE
  - SIMULATED 8x3 SMOOTH BRICK
  - EXPOSED AGGREGATE

**INTERIOR:**
- SMOOTH CONCRETE

**PAINT COLOURS**

**SAMPLE STOCK COLOURS**

- SPECIAL GREY
- ANSI GREY
- RELIABLE TAN
- MAPLE BROWN
- SPICED CIDER
- COLONIAL WHITE
- FOREST GREEN
- CONSUMER BLUE
- AUTUMN RIDGE RED

**DOOR & FRAMES:** **PLEASE SPECIFY**

**EXTERIOR WALLS:** ONLY AVAILABLE WITH SMOOTH BRICK TEXTURE

**INTERIOR WALLS:** NOT PAINTED

**FLOOR:** NOT PAINTED

**ROOF:** NOT PAINTED

**FLOOR & ROOF EDGE:** SW H&C STAIN - SPECIAL GREY

**EXTERIOR WALLS:**

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- PLEASE SPECIFY

**INTERIOR FINISHES**

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