PROJECT: 3630F - 3600 x 3000 x 2439 ID (FLAT)

LOCATION:

CUSTOMER

JOB #: 3630F

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

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

PAINT COLOURS

DOORS: PLEASE SPECIFY (REFER TO SHEET F-1)
EXTERNAL WALLS: NOT PAINTED
INTERNAL 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: 32 900 LBS (14.92 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

28 February 2018

REV. DESCRIPTION ENG. DATE
0 ISSUED FOR APPROVAL 08 FEB 7 2018

NOTES:

1) PLEASE REVIEW ALL DRAWINGS AND PROVIDE ANY INFORMATION REQUESTED OR MISSING. MARK ALL CHANGES DIRECTLY ON OUR DRAWINGS. PROJECTS WILL NOT BE RELEASED FOR PRODUCTION UNTIL A FULL SET OF DRAWINGS ARE SIGNED, DATED, AND RETURNED TO HY-GRADE MARKED APPROVED. PLEASE RETURN VIA EMAIL OR FAX.

2) THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY REQUIRED BUILDING PERMITS PRIOR TO THE SHIPMENT DATE OF THE BUILDING.

IMAGES SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND DO NOT REPRESENT ACTUAL BUILDING FINISH. PLEASE REFER TO SHEET F-1 FOR STANDARD FINISH OPTIONS AVAILABLE.
152mm FLOOR w/ 25mm STEPDOWN

FLOOR PLAN
PLAN VIEW

ROOF PLAN
PLAN VIEW

DRIP EDGE ALONG ENTIRE PERIMETER OF BUILDING
102mm THICK THIS SIDE

TOP OF FINISHED FLOOR

SECTION A
STEPDOWN DETAIL
**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 51mm x 3mm THICK**
  - (Top & Bottom of Walls)
  - (Max 610mm spacing is required)

- **CONTINUOUS NPT1 BASF CAULKING**
  - (Limestone) inside & out (tooled)

- **25 13mm - HALF ROUND**

**SEALANT DETAILS**

**KOROLATH STRIP SHIM @ TOP & BOTTOM OF WALLS**
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.
SUGGESTED MINIMUM SITE PREPARATION NOTES

* FINAL PROJECT SITE DESIGN AND SITE PREPARATION IS BY CUSTOMER.
* THIS PAGE IS ONLY A RECOMMENDATION.

1. GRANULAR PAD SHOULD BE AT MINIMUM OF 610mm WIDER AND 610mm LONGER THAN THE BUILDING, WITH BUILDING SITUATED AT CENTER OF PAD.

2. THE PAD AREA SHOULD BE STRIPPED OF ALL ORGANIC AND DELETERIOUS MATERIAL. EXCAVATE TO 1219mm BELOW GRADE OR TO FROST PENETRATION DEPTH. BACKFILL WITH OPSS 1010 GRANULAR 'B' COMPACTED TO 98% SPDD. PROVIDE A MINIMUM 51mm TOP LAYER OF FINE MATERIAL SUITABLE FOR GRADING.

3. 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.

4. 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.

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.
**DOOR #1**

**VENDOR:**
REGIONAL DOORS & HARDWARE

**P.O. #:**

**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>1829 x 2134</td>
<td>16</td>
<td>DOUBLE DOOR</td>
<td></td>
<td></td>
<td></td>
<td><strong>EMA PREP FRAME</strong></td>
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**DOORS**

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<thead>
<tr>
<th>MARK</th>
<th>QTY.</th>
<th>SIZE</th>
<th>GAUGE</th>
<th>OUT-SIDE SWING</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1a</td>
<td>1</td>
<td>914 x 2134</td>
<td>18</td>
<td>RIGHT HAND</td>
<td>HONEYCOMB</td>
<td>NONE</td>
<td>TYP 3/DOOR</td>
<td>NONE</td>
</tr>
<tr>
<td>1b</td>
<td>1</td>
<td>914 x 2134</td>
<td>18</td>
<td>LEFT HAND</td>
<td>HONEYCOMB</td>
<td>Z SHAPE</td>
<td>TYP 3/DOOR</td>
<td>NONE</td>
</tr>
</tbody>
</table>

*USE STOCK MATERIAL*

**HARDWARE**

<table>
<thead>
<tr>
<th>QTY.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</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' WEATHER STRIP - TYP. (KN CROWDER) x 1829mm LONG</td>
</tr>
<tr>
<td>1</td>
<td>E' SWEEP - TYP. (KN CROWDER W-13S-2) x 1829mm LONG - CUT TO LENGTH BY HY-GRADE</td>
</tr>
<tr>
<td>1</td>
<td>F' DRIP CAP TYP. (KN CROWDER W-3) 1930mm LONG</td>
</tr>
<tr>
<td>2</td>
<td>H' BARREL BOLT - 203mm ZINC PLATED HEAVY DUTY #SP108582</td>
</tr>
</tbody>
</table>

*REFER TO PAGE D-2 FOR DETAILS*
**FINISHES**

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

**INTERIOR:** SMOOTH CONCRETE

**PAINT COLOURS**

**SAMPLE STOCK COLOURS**

**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