PROJECT:
3648P - 3600 x 4800 x 2439 (4-12 PITCH)

LOCATION:

CUSTOMER:

JOB #
3648P

GENERAL INFORMATION
CONCRETE PANEL THICKNESS:
WALLS: 102mm
ROOF: 127mm
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: PLEASE SPECIFY (REFER TO SHEET F-1)
FLOOR EDGE: SHERWIN WILLIAMS H&C STAIN SPECIAL GREY
[COLOUR SHOWN IN IMAGE MAY NOT BE EXACT]

ASSEMBLY
IN HOUSE

APPROXIMATE BUILDING WEIGHT: 50 600 LBS (22.95 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

IMAGES SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND DO NOT REPRESENT ACTUAL BUILDING FINISH. PLEASE REFERENCE SHEET F-1 FOR STANDARD FINISH OPTIONS AVAILABLE.

28 February 2018

REV.
0

DESCRIPTION
ISSUED FOR APPROVAL
ENG.
DATE

CUSTOMER: □ APPROVED □ APPROVED AS NOTED
□ REVISE AND RESUBMIT

SIGNED BY: 
DATE:

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.

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SLAB TO WALL & WALL TO ROOF SEALING DETAIL

CAP WILL BE SECURED TO ROOF USING TAPCON SCREWS AT EVERY 305mm o/c BOTH SIDES

CONTINUOUS NPT1 BASF CAULKING (LIMESTONE) AT ROOF SEAM & UNDERSIDE OF ROOF CAP

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

KOROLATH STRIP SHIM 51mm x 3mm THICK (TOP & BOTTOM OF WALLS) (MAX 610mm SPACING IS REQUIRED)

KOROLATH STRIP SHIM @ TOP & BOTTOM OF WALLS

FLOOR

WALL

KOROLATH STRIP SHIM @ TOP & BOTTOM OF WALLS

108

102

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

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OUTSIDE SWING

INTERIOR VIEW

** DOOR FRAME **

P.O. #:________________________

** EMA PREP FRAME **

** DOORS **

MARK | QTY. | SIZE | GAUGE | OUT-SIDE SWING | INTERIOR | ASTRAGAL | HINGE-PREP | OPENING PREP
--- | --- | --- | --- | --- | --- | --- | --- | ---
1a | 1 | 914 x 2134 | 18 | RIGHT HAND | HONEYCOMB | NONE | TYP 3/DOOR | NONE
1b | 1 | 914 x 2134 | 18 | LEFT HAND | HONEYCOMB | Z SHAPE | TYP 3/DOOR | NONE

* USE STOCK MATERIAL

** HARDWARE **

** QTY. **

** DESCRIPTION **

2 | A' HINGE SET - TYP. 3/DOOR (TAY/MOR 4100, NR, BB, BUTT HINGE, 114mm x 102mm, GREY PRIMED)
1 | B' LOCK SET - DOREX TLA51 32D - STANDARD SCHLAGE "C" w/ 178mm DOOR PULL & 102mm x 406mm PLATE
2 | C' CHECK CHAIN w/ BINDER POSTS & FASTENERS (N157A)
1 | D' THRESHOLD - CT-804 TYP. (KN CROWDER) x 1829mm LONG
1 | E' WEATHER STRIP - TYP. (KN CROWDER W-29) x 8231mm LONG - CUT TO LENGTH BY HY-GRADE
1 | F' SWEEP - TYP. (KN CROWDER W-13S-2) x 1829mm LONG - CUT TO LENGTH BY HY-GRADE
1 | G' DRIP CAP TYP. (KN CROWDER W-3) 1930mm LONG
2 | H' BARREL BOLT - 203mm ZINC PLATED HEAVY DUTY #SP108882

REFER TO PAGE D-2 FOR DETAILS

11mm Ø HOLE THRU DOOR FRAME - TAPERED OUT TO 19mm Ø (TYP. 4 EACH SIDE)

STEEL FRAME IS NOT CAST INTO CONCRETE PANEL
**Hinges - Taymor 4100 Series**

Commercial 4 1/2" 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**

4" x 16" Alum. plate

Deadlock

(TLA51 3/2D)

7" Door Pull (909 C28)

---

**Threshold**

CT-804

4" [101.6mm] Extruded Aluminum

5/8" [12.7mm]

---

**Weatherstripping**

WEATHERSTRIPPING

---

**Drill Cap**

W-13S-2

Anodized Aluminum 30% Silicone Epoxy Sealant

Skin Seal, Black

---

**Barrel Bolt**

8" Zinc Plated Heavy Duty

#SP105882

---

**Drip Cap**

W-3 Clear Anodized Aluminum
**FINISHES**

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

**INTERIOR:**  
- SMOOTH CONCRETE

**PAINT COLOURS**

**SAMPLE STOCK COLOURS**

- SPECIAL GREY
- ANTI 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:**  
- **PLEASE SPECIFY**

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