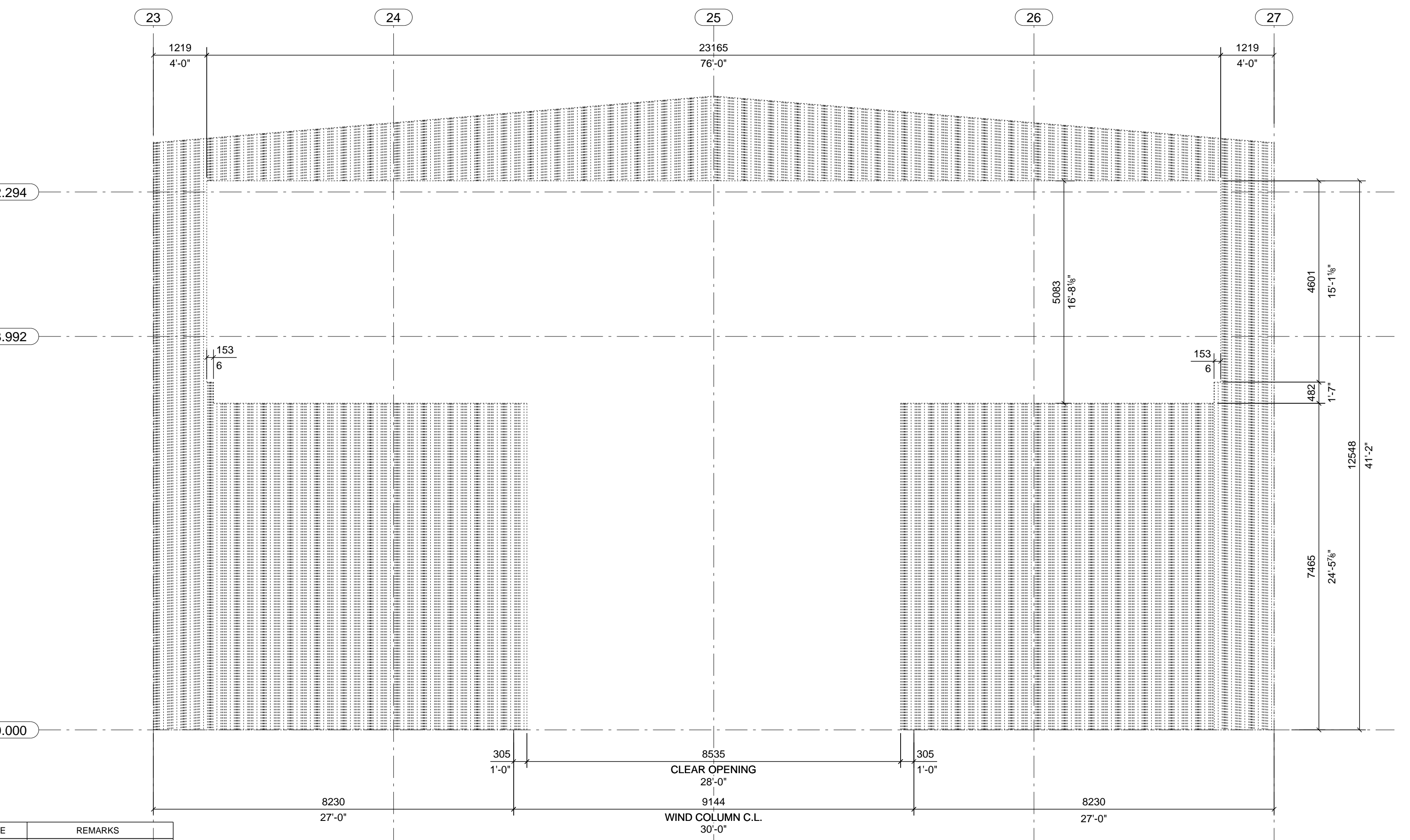


HINGE / WIND COLUMN / HOIST BEAM REACTIONS UNFACTORED

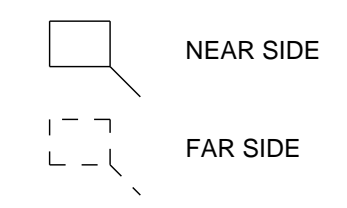
	SPECIFIED REACTIONS (KN)					
	V _A	H _A	V _B	H _B	V _C	H _C
(KN)	30	35	7	7	30	21
(Kips)	6.8	7.9	1.6	1.6	6.8	4.8

- GENERAL NOTES:**
- NOTE CRANE FLAP DOOR IS TO BE CLOSED DURING A WIND / SNOW STORM. SNOW SHOULD NOT BE ABLE TO ACCUMULATE ON FLAP DOORS WHEN IN THE OPEN POSITION. ALSO ROLLING DOORS ARE TO BE CLOSED AND SECURED TO THE FOUNDATION BY A PIN PROVIDED AT THE CORNER OF THE DOORS.
 - CRANE FLAP AND ROLLING DOORS ARE DESIGNED AND FABRICATED IN ACCORDANCE WITH CANISCSA S16-01, CSA W59 AND CSA W47.1-DIVISION 1 BUILDING CODE OF CANADA 2015.
 - COMPUTATION OF LOADS & ASSOCIATED FACTORS ARE AS DEFINED BY THE NATIONAL BUILDING CODE OF CANADA 2015.
 - DESIGN PARAMETERS & LOADS USED:
WIND:
- q_s = 0.27 kPa
- q_e = 0.35 kPa
- INTERNAL PRESSURE: C_{pi}C_o = +/- 1.4
 - ALL STEEL CONFORMS TO CSA G40.21, WIDE FLANGE AND H.S.S. (CLASS C) SHAPES 350W AND FOR ALL OTHER SHAPES AND PLATE WORK MINIMUM 300W.
 - BOLTS CONFORM TO CSA, A.S.T.M. A325, 3/8" UNLESS NOTED.
 - WELDING, FABRICATION AND ERECTION OF STEEL STRUCTURES SHALL BE PERFORMED ONLY BY FABRICATORS AND ERECTORS CERTIFIED BY THE CANADIAN WELDING BUREAU (CWB) UNDER CSA STANDARDS W47.1 DIVISION 1.2 OR 3.
 - ALL PERSONS AND OBJECTS MUST STAND / KEEP CLEAR OF DOORS DURING OPERATION OF THE DOOR SYSTEMS TO AVOID INJURY AND / OR PROPERTY DAMAGE.



REV	DATE	REMARKS
0	07/15/2009	INITIAL RELEASE

ISSUED FOR: APPROVAL
DATE OF ISSUE: 07/15/2009
JOB No. C5102-3-4



REFERENCE DRWG.: A201 TOTAL WEIGHT: 10,650 kg

W.F. WELDING & OVERHEAD CRANES LTD.
795-23 AVENUE
NSHU ALBERTA T5E 7Y5
PHONE (780)955-7071 FAX (780)955-7690

INFORMATION INCLUDED IN THIS DRAWING IS PROPRIETARY AND IS NOT TO BE REPRODUCED, DISTRIBUTED OR OTHERWISE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY W.F. WELDING & OVERHEAD CRANES LTD.

CUSTOMER: P&H MINE PRO SERVICES CANADA LTD.
PROJECT: CRANE FLAP AND ROLLING DOORS
TITLE: DOOR LAYOUT
DETAILER: BT CHK'D BY: FT MCMURRAY AB
JOB NO.: C5102 DIVISION: 3+4 DRAWING NO.: D3+D4-E002 REV: 0

PEGGA PERMIT TO PRACTICE NO. P07855