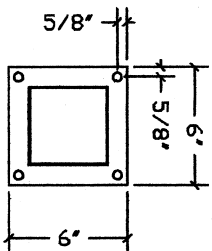
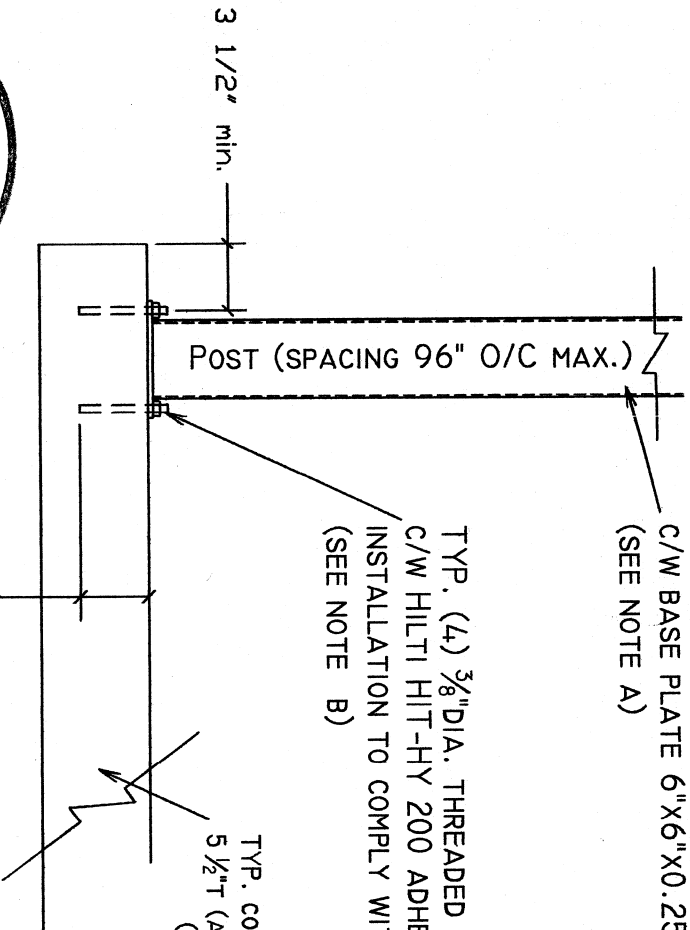


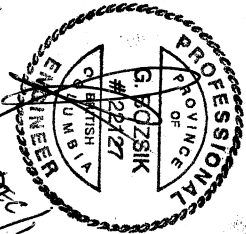
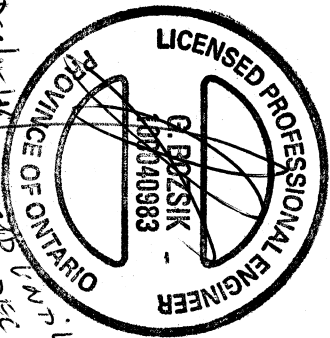
ALUMINUM POST 4"X4"X0.06"T X 4.2"H
C/W BASE PLATE 6"X6"X0.25"T
(SEE NOTE A)

TYP. (4) 3/8"DIA. THREADED RODS
C/W HILTI HIT-HY 200 ADHESIVE OR EQUAL
INSTALLATION TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS
(SEE NOTE B)

TYP. CONCRETE SLAB
5 1/2" T (ASSUMED). F'C=28 MPA MIN.
(SEE NOTE C)



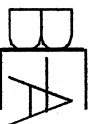
TYP. BASE PLATE
6"X6" X 1/4" T
C/W (4) 7/8" DIA. HOLES



Dec 15/16
VAR'D UNIT
Dec 15/21
Dec 15/16
VAR'D UNIT
Dec 15/21

NOTE

- A) PICKET RAIL POST TO POST SPACING = 8' ON CENTER MAX.
- B) ANCHOR BOLT LOADS: TF/BOLT = 12.2KN.
(USE 3/8" Ø THREADED ROD WITH HILTI HIT-200 ADHESIVE, 2 3/8" EMB. MIN.)
- C) SUITABILITY AND DESIGN OF BASE STRUCTURE AND CONCRETE SLAB BY OTHERS.



Burnaby Engineering
Associates Ltd.

CUSTOMER:	Regal Ideas
SUBJECT:	Picket Rail post Anchoring to Concrete Slab Details
DATE:	7/Nov/2016
DWG NO.:	3-2451
SCALE:	N.T.S.

ALUMINUM POST 4"X4"X0.06" T X 4.2" H
 C/W BASE PLATE 6"X6"X0.25" T
 (SEE NOTE A)

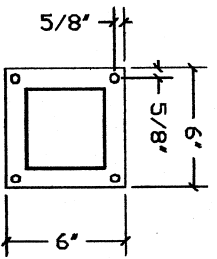
TYP. (4) 3/8" DIA. HILTI KB3 WEDGE ANCHORS OR EQUAL
 INSTALLATION TO COMPLY WITH MANUFACTURE'S INSTRUCTIONS
 (SEE NOTE B)

TYP. CONCRETE SLAB
 5 1/2" T (ASSUMED). F'c = 28 MPa MIN.
 (SEE NOTE C)

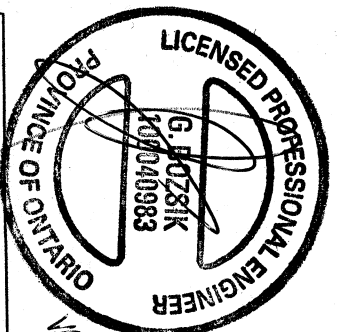
2 1/2" EMBEDMENT
 (SEE NOTE A)

3 1/2" min.

POST (SPACING 72" O/C MAX.)



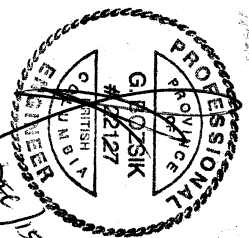
TYP. BASE PLATE
 6" X 6" X 1/4" T ALUM.
 C/W (4) 7/16" DIA. HOLES



*VAR'D UN'DR
 DEC 15/16*



*VAR'D UN'DR
 DEC 15/16*



*VAR'D UN'DR
 DEC 15/16*

- NOTE:**
- A) GLASS RAIL POST TO POST SPACING = 6' ON CENTER MAX.
 - B) ANCHOR BOLT LOADS: TF/BOLT = 9.15KN;
 (USE HILTI HIT - 3/8" Ø KB3 WEDGE ANCHORS, 2 1/2" EMB. MIN.)
 - C) SUITABILITY AND DESIGN OF BASE STRUCTURE AND CONCRETE SLAB BY OTHERS.

Burdby Engineering Associates Ltd. DATE: 7/Nov/2016 DWG NO: 3-2452 SCALE: N.T.S.	CUSTOMER: Regal Ideas SUBJECT: Glass Rail post Anchoring to Concrete Slab Details