

PILE DESIGN CRITERIA (ASSUMED)

DEPTH BELOW GRADE (M)	SKIN FRICTION (KPa)
0 - 2.0	0
2.0 - 6.0	500

PILE REINFORCING SCHEDULE

PILE MARK No.	PILE SHAFT DIA.	PILE LENGTH	VERTICAL REINF.	HORIZONTAL TIES	REMARKS
P401	400	6000	4-15Mx4500	10M @ 400	
P402	400	7500	4-15Mx5000	10M @ 400	

NOTES:

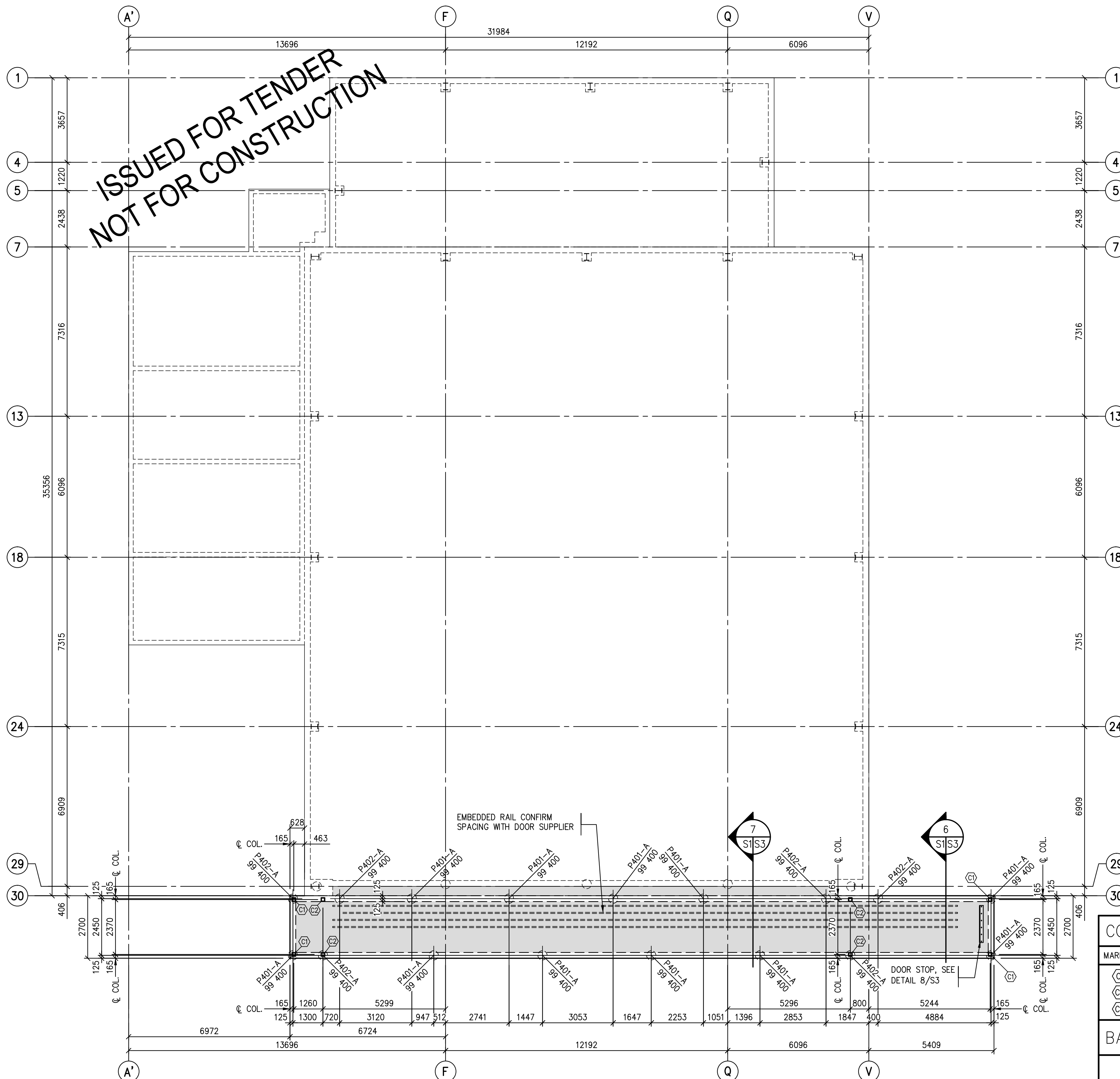
- ALL PILES TO BE CUTOFF AT ELEVATION DENOTED ON SCHEDULE U.N.O. ON PLAN.
- REINFORCING LENGTHS DO NOT INCLUDE EXTENSIONS OR HOOKS.

DOWEL NOTES:

- A. 2-20M x 1100 lg. EXTEND 550mm ABOVE PILE CUTOFF.

2 TYP. FRICTION PILE DETAIL  
S1 S1 NTS

ISSUED FOR TENDER  
NOT FOR CONSTRUCTION



1 FOUNDATION PLAN  
S1 S1 1:100

NOTES:

- FLOOR CONSTRUCTION TO BE:  
350 RAIL EMBEDMENT CONCRETE TOPPING w/ IN SLAB HEATING  
250 REINFORCED CONCRETE SLAB  
0.15 POLY VAPOUR BARRIER  
150mm VOID FORM  
REFER TO TYPICAL STRUCTURAL SLAB REINFORCING DETAIL.

- T/O MAIN FLOOR CONCRETE @ ELEVATION 100 000

- FLOOR DESIGN LOADS  
LIVE LOAD  
DEAD LOAD

= 4.8 KPa  
= 14.4 KPa

- COLUMNS DENOTED ON PLAN THUS SEE TYPICAL COLUMN

& BASE PLATE SCHEDULE.

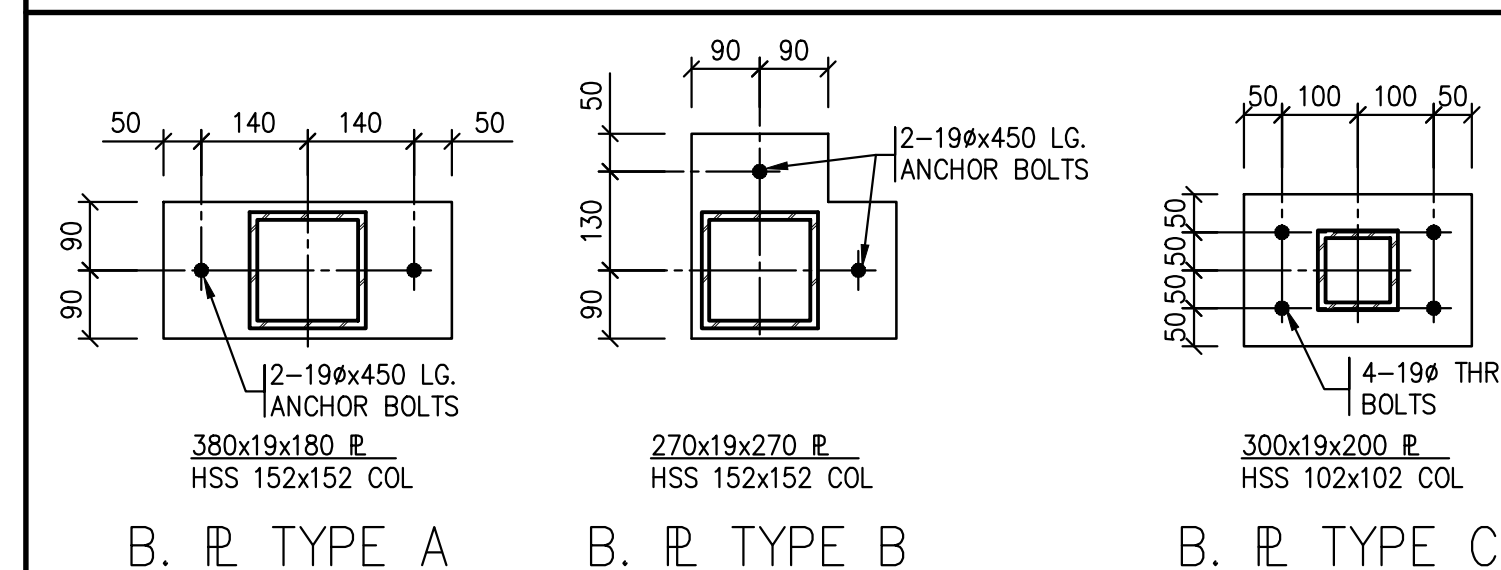
- INSTALL 15Mx750 lg DOWELS @ 600 o.c. TO EXTERIOR FOUNDATIONS WHERE SIDEWALKS OR SLABS ABUT BUILDING. (USE 20M DOWELS WHEN PLACED THRU RIGID INSULATION)

COLUMN & BASE PLATE SCHEDULE

MARK NO.	COLUMN SIZE	BASE PL. TYPE	U/S PL ELEVATION	REMARKS
C1	HSS 152x152x4.8	B	100 040	
C2	HSS 152x152x4.8	A	100 040	
C3	HSS 102x102x4.8	C	107 483	NO GROUT

BASE PLATE SCHEDULE

ALL BASE PLATES TO BE PLACED OVER 40 GROUT UNLESS NOTED OTHERWISE




Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2013-07-26

Project title/Titre du projet

AIRPORT HANGER  
DOOR REPLACEMENT  
REGINA, SK

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par

PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client

Drawing title/Titre du dessin

FOUNDATION PLAN  
PILE SCHEDULE

Project No./No. du projet

R.060008.001

Sheet/Feuille

S1

OF

Revision no./  
La Révision no.

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