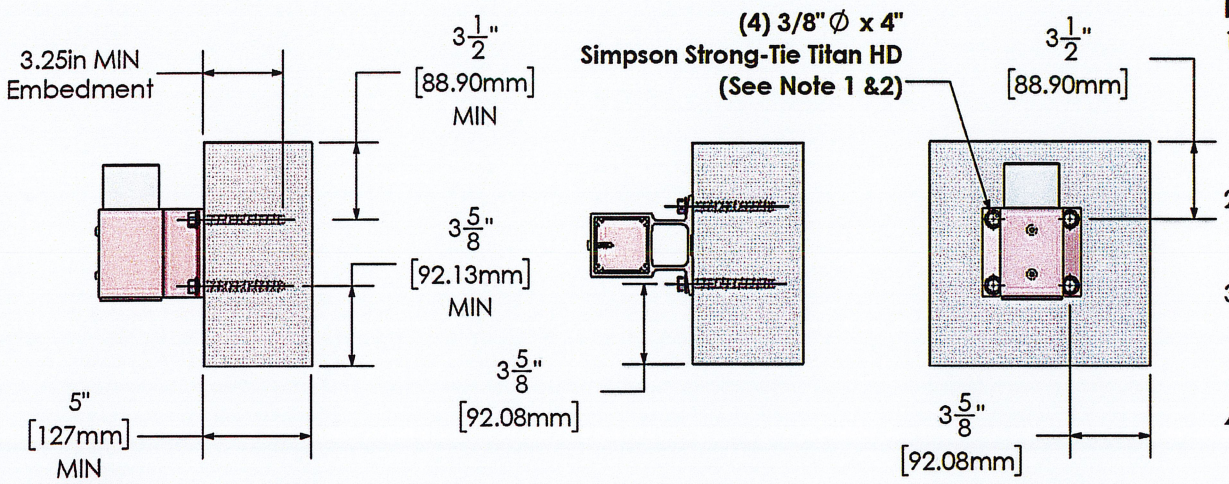


NOTES:

1. Anchors Required:
   (4)-3/8" Ø X 4" Simpson Strong-tie Titan HD W/ 3.25" embedment.
   OR (4)-3/8"Ø A307 thru bolts for thin concrete members.
2. Anchor design complies with part 4 & part 9 of NBC 2015, BCBC 2018, ABC 2014, and OBC 2012.
3. Anchor design complies with ANNEX D of CSA A23.3-14. min 5,000 PSI (34.5 MPA) for crack concrete & min 3,000 PSI (20.7 MPA) for uncracked concrete.
4. Load capacity of main structure and determinations of cracked or uncracked concrete are the responsibility of others.
5. Surface fastening details same for 2.5in & 1.75in post systems.
6. Concrete slab shown in drawing is for illustration only and in no way implies how to construct concrete.

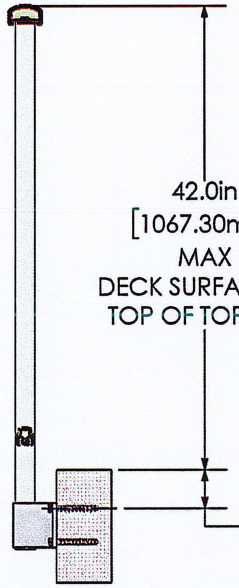
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
W. LIU
#27322
ENGINEER

March 11, 2019

PROFESSIONAL ENGINEER ALBERTA
WEIFENG LIU

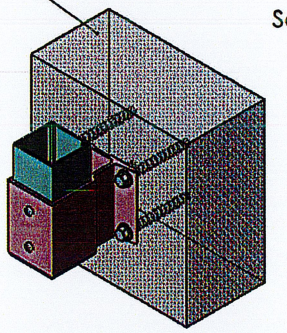
1645125 ALBERTA LTD.
APEGA PERMIT NO.:
P11708
March 11, 2019

PROFESSIONAL ENGINEER
W.M. LIU
MEMBER 24714
2019 03 11
SASKATCHEWAN



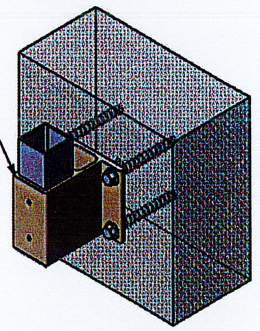
PROVINCE OF MANITOBA
M.J.
CHRISTIE
Member
42046
REGISTERED PROFESSIONAL ENGINEER
Sept 22, 2020
COA: 6613

See note 4 & 6



2-1/2" Post Fascia Mount

See note 5



1-3/4" Post Fascia Mount

Engineered up to a 42in MAX distance from surface of deck to top of top rail.

Note: Railing System shown may not exactly represent your system but same fastening detail applies.

CenDek Railings Ltd.

DRAWN	cchislett	
CHECKED		
MATERIAL		
DIE #		
ALL DIMENSION IN INCHES/mm		

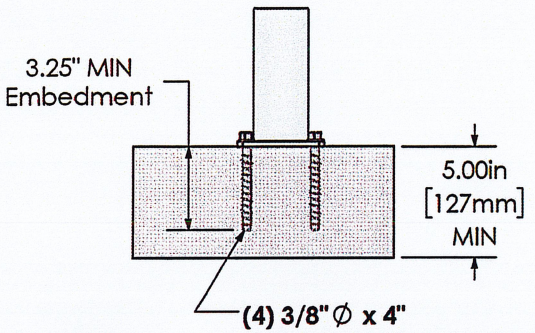
DESCRIPTION: FASCIA FASTENING DETAILS-CONCRETE

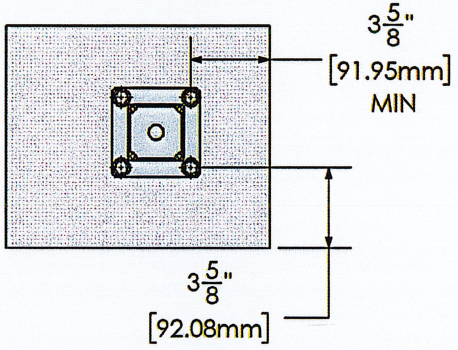
DWG NO. 0517A

REV

WEIGHT lbs

SHEET 1 OF 4





NOTES:

1. Anchors Required:
   (4)-3/8" Ø X 4" Simpson Strong-tie Titan HD W/ 3.25" embedment.
   OR (4)-3/8"Ø A307 thru bolts for thin concrete members.
2. Anchor design complies with part 4 & part 9 of NBC 2015, BCBC 2018, ABC 2014, and OBC 2012.
3. Anchor design complies with ANNEX D of CSA A23.3-14. min 4,000 PSI (27.6 MPA) for crack concrete & min 2,500 PSI (17.2 MPA) for uncracked concrete.
4. Load capacity of main structure and determinations of cracked or uncracked concrete are the responsibility of others.
5. Surface fastening details same for 2.5in & 1.75in post systems.
6. Concrete slab shown in drawing is for illustration only and in no way implies how to construct concrete.

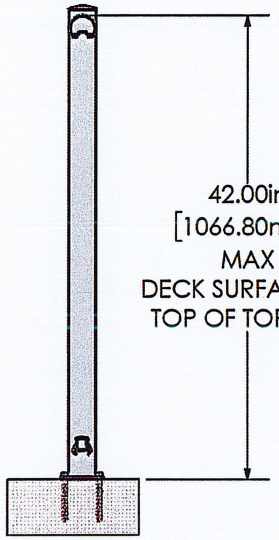
PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA W. LIU #27322 ENGINEER

March 11, 2019

PROFESSIONAL ENGINEER ALBERTA WEIFENG LIU

1645125 ALBERTA LTD.
APEGA PERMIT NO.:
P11708
March 11, 2019

PROFESSIONAL ENGINEER W.M. LIU MEMBER 24714 2019 03 11 SASKATCHEWAN

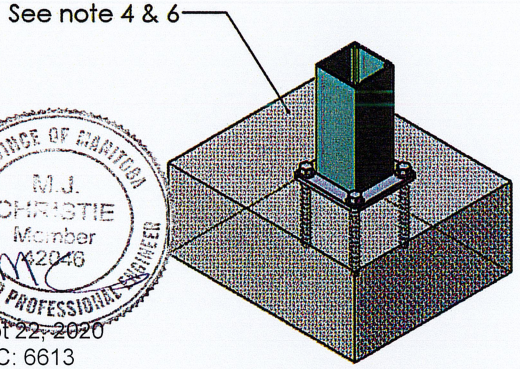


Engineered up to a 42in MAX distance from surface of deck to top of top rail.

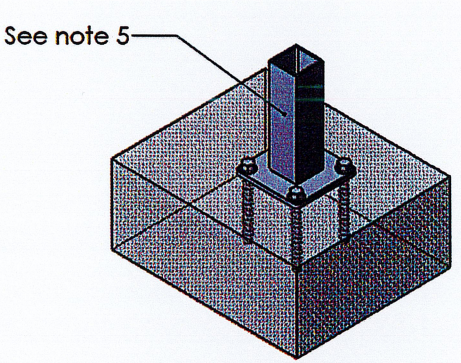
Note: Railing System shown may not exactly represent your system but same fastening detail applies.

PROVINCE OF MANITOBA M.J. CHRISTIE Member #2046 REGISTERED PROFESSIONAL ENGINEER

Sept 22, 2020
OAC: 6613



2-1/2" Post Surface Mount



1-3/4" Post Surface Mount

CenDek Railings Ltd.

DRAWN	cchislett	
CHECKED		
MATERIAL		
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: SURFACE FASTENING DETAILS-CONCRETE

DWG NO. 0517A | REV

WEIGHT lbs | SHEET 2 OF 4