COLUMN REACTIONS

COLUMN	HORIZONTAL (ANY DIRECTION)	VERTICAL (DOWNWARD)	VERTICAL (UPLIFT)
A–1	10 KIPS	51 KIPS	27 KIPS
B–1	4 KIPS	49 KIPS	3 KIPS
A–2	10 KIPS	99 KIPS	24 KIPS
B–2	7 KIPS	99 KIPS	3 KIPS
A–3, B–3	6 KIPS	86 KIPS	3 KIPS
A–4, B–4	5 KIPS	70 KIPS	3 KIPS
A–5, B–5	3 KIPS	36 KIPS	3 KIPS

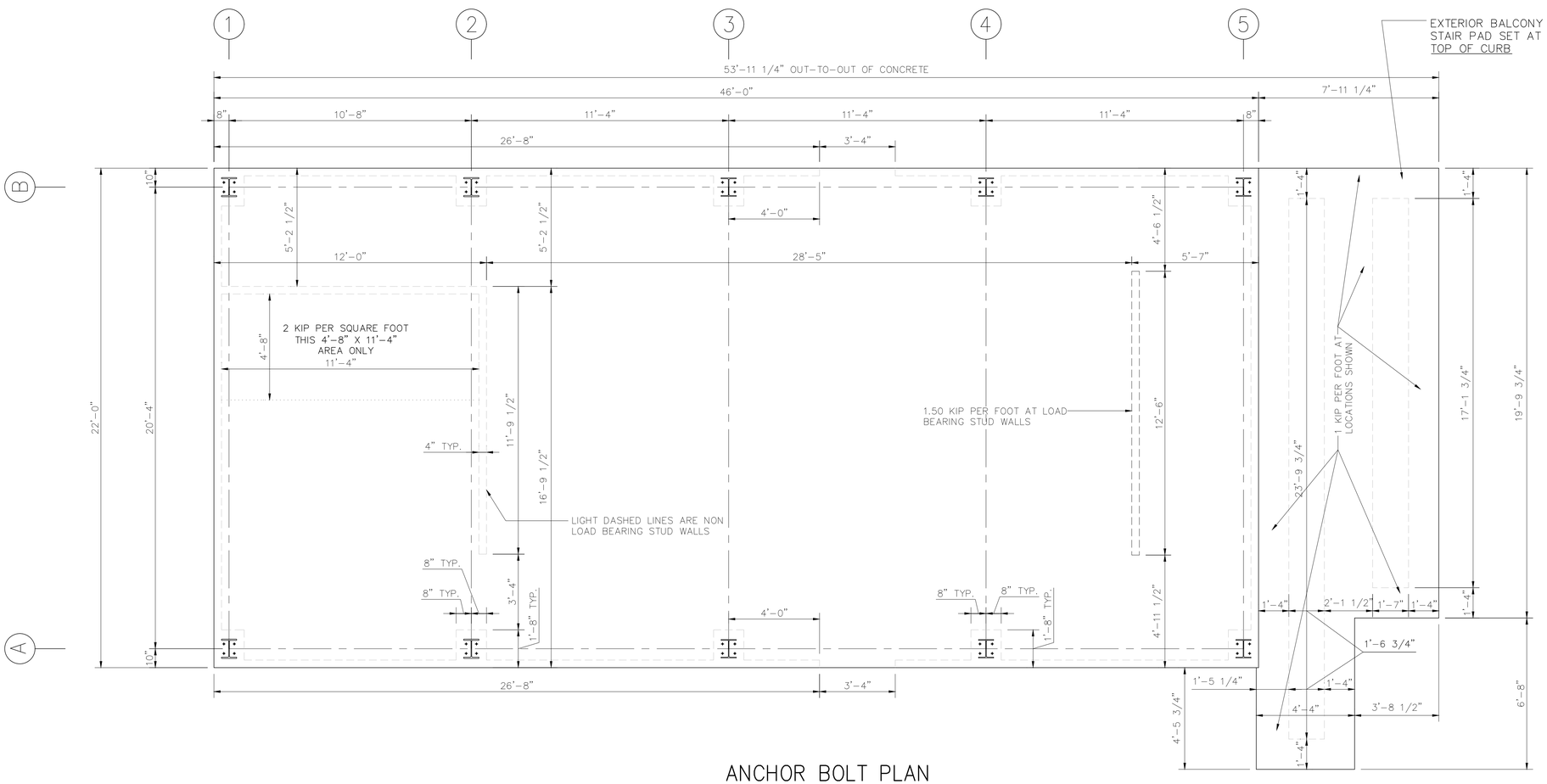
DESIGN REACTIONS SHOWN:
1. PER FBC 2012 AND LRFD LOAD COMBINATIONS
2. WIND CRITERIA: 130 MPH, EXP C; RISK CAT. I
3. SEISMIC CRITERIA: SDC A; SITE CLASS D

1. ALL COLUMNS, STUD WALLS AND EXTERIOR BALCONY / STAIR PADS ARE SET AT TOP OF CURB (FINISHED FLOOR IS 6" BELOW TOP OF CURB).
2. ALL PADS OUTSIDE OF EXTERIOR DOORS SHOULD BE SET AT FINISHED FLOOR (IF APPLICABLE).
3. ALL DOOR OPENINGS THAT ARE DIMENSIONED SHOULD BE HELD EXACT (DOOR LOCATIONS NOT DIMENSIONED CAN BE FIELD LOCATED).

NOTE:

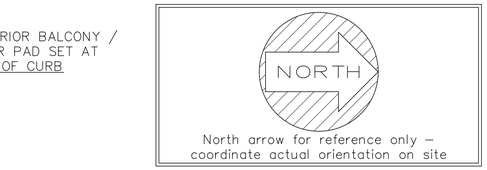
EXCLUDES ANY AND ALL PREPARATIONS INVOLVED IN PROVIDING SUITABLE CONCRETE PADS AND/OR FOUNDATIONS

ALSO EXCLUDES ANY ANCHORS REQUIRED TO SECURE THE BUILDING TO THE FOUNDATION.

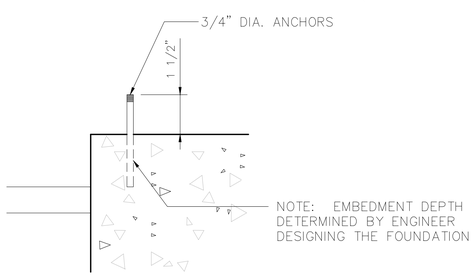


ANCHOR BOLT PLAN

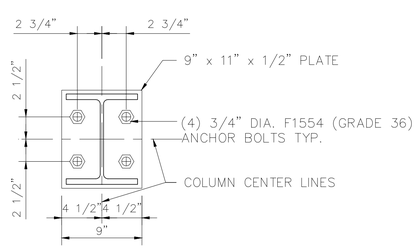
SCALE: 3/8" = 1'–0"



Steven Westra
Digitally signed by Steven Westra
DN: C=US, E=swestra@firefacilities.com, O=Fire Facilities, Inc", CN=Steven Westra
Date: 2018.01.31 09:13:12-06'00'

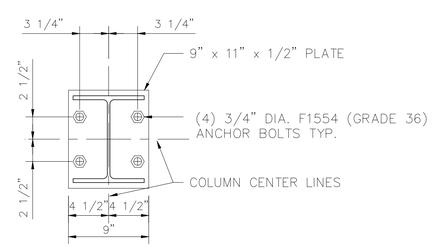


ANCHOR BOLT PROJECTION DETAIL



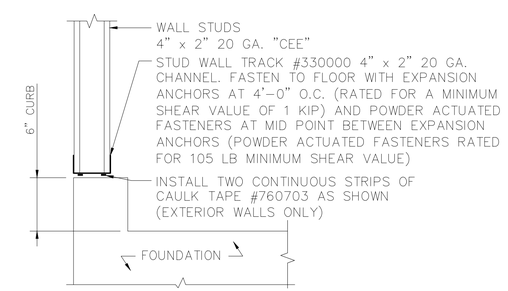
NOTE: SEE ANCHOR BOLT PLAN FOR COLUMN ORIENTATION AND CENTER LINE LOCATIONS (A1,A2,B1, & B2).

TOWER COLUMN ANCHOR BOLT DETAIL
scale: 1 1/2" = 1'–0"



NOTE: SEE ANCHOR BOLT PLAN FOR COLUMN ORIENTATION AND CENTER LINE LOCATIONS (A3,A4,A5,B3,B4, & B5).

RESIDENCE COLUMN ANCHOR BOLT DETAIL
scale: 1 1/2" = 1'–0"



TYPICAL STUD WALL BASE DETAIL
scale: 1 1/2" = 1'–0"

REVISIONS	by

Engineer: Steven P. Westra
Address: 314 Wilburn Road Sun Prairie, WI 53590
Florida Licence #: PE 56328

STEVEN P. WESTRA LICENSE NO. 56328 STATE OF FLORIDA PROFESSIONAL ENGINEER JAN 31 2018

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TACTICAL TRAINING SYSTEMS
– A DIVISION OF FIRE FACILITIES, INC.
314 WILBURN ROAD, SUN PRAIRIE, WI 53590
OFFICE: (608) 327–4100 FAX (608) 834–1843
TOLL FREE (800) 929–3726 TOLL FREE FAX (866) 639–7012

Job Description	WESCO MODEL HC–1 CUSTOM LITHIA, FL
Sheet Title	ANCHOR BOLT PLAN
Date	JANUARY 18, 2018
Drawn by	DWK
Checked by	SPW
Scale	SHOWN
Order No.	TTS–105 / #199204
Sheet No.	01 of 01