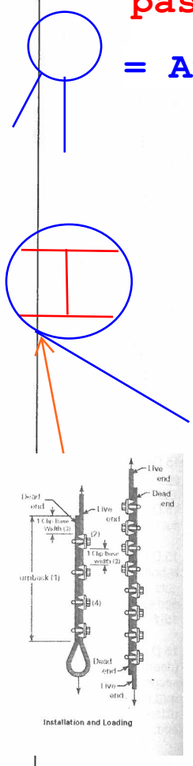
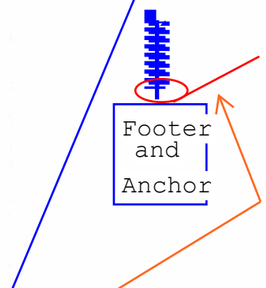
BRACING PLAN

= Dead men

= 1/2" Cables will be tied back from line 2 to anchors on line 0.9 using turn buckels and 4=1/2" mallleable crosbys spaced 3" apart with a 10" tail past the last crosby.

= Anchor points at rafter of line 2





FLANGE BRACES:
FB____(1) = ONE SIDE
FB____(2) = TWO SIDES

FB___L_ = 1.75"x1.75"x0.075" ANGLE
FB___H_ = 2.0"x2.0"x0.125" ANGLE
FB___E_ = 3.0"x3.0"x0.250" ANGLE

MEMBER SIZE TABLE

MARK	WEIGHT lbs.	Count each	WEB DEPTH, in. Start/End	WEB PLATE Thick x Length	OUTSIDE FLANGE W x T x Length
RFC-3	4458	2	33.00/52.34	0.375 x 240.00	14 x 0.500 x 364.6
			59.50/59.50	0.375 x 164.62	14 x 0.500 x 71.78
RFR-10	4928	1	59.50/59.50	0.313 x 231.95	12 x 0.500 x 197.9
			59.50/59.50	0.313 x 240.00	12 x 0.375 x 234.0
RFR-11	4049	1	59.50/59.50	0.275 x 240.00	12 x 0.500 x 480.0
			59.50/45.05	0.275 x 240.00	
RFR-12	3586	1	45.00/45.00	0.275 x 34.01	12 x 0.500 x 480.0
			45.00/45.00	0.275 x 240.00	12 x 0.500 x 34.01
			45.00/45.00	0.275 x 240.00	
RFR-13	4015	1	45.00/45.00	0.275 x 33.60	12 x 0.750 x 279.6
			45.00/45.00	0.275 x 240.00	12 x 0.500 x 234.1
			45.00/45.00	0.313 x 12.00	
			45.00/45.00	0.313 x 228.17	
RFR-14	4485	1	59.50/59.50	0.313 x 240.00	12 x 0.500 x 234.0
			59.50/45.06	0.275 x 240.00	12 x 0.750 x 246.0
RFR-15	5065	1	59.50/59 50	0.375 x 231.70	12 x 0.375 x 431.7
			59.50/59.50	0.313 x 240.00	

RIGID FRAME ELEVATION: FRAME LINE 2

GENERAL NOTES:

1. REFERENCE ELEVATION = 100'-0".
2. ALL BASE PLATES ARE AT REFERENCE ELEVATION UNLESS NOTED.
3. SEE ANCHOR BOLT PLAN FOR ANCHOR BOLT SIZES AND DETAILS.
4. ALL MAIN FRAME CONNECTION BOLTS ARE A325 BOLTS UNLESS NOTED.
7. ALL FLANGE BRACE LOCATIONS MARKED TWO SIDES (2) AT EXPANDABLE END FRAMES REQUIRE ONE FLANGE BRACE TO BE INSTALLED AT THE TIME OF ERECTION, WHILE THE OTHER IS TO BE STORED AND USED AT THE TIME OF A FUTURE ADDITION.
8. ALL CONNECTION BOLTS OR FIELD WELDS, PURLINS AND ALL FLANGE BRACES MUST BE PROPERLY

DETAIL KEY
EXAMPLE DETAIL CALLOUT → E12 (BR255) ← EXAMPLE PAGE CALLOUT
IF NO PAGE IS CALLED OUT, SEE

ISSUE	DISCRIPTION	BY	DATE
0	CONSTRUCTION	JAC	12/5/13

Kirby Building Systems
A NUCOR Company

Certification extends only for the loads specified on Kirby's purchase order as applied to the structural components of the building designed and supplied by Kirby Building Systems, if erected as indicated. Note that Kirby's engineer is not acting as the engineer of record for this construction project.