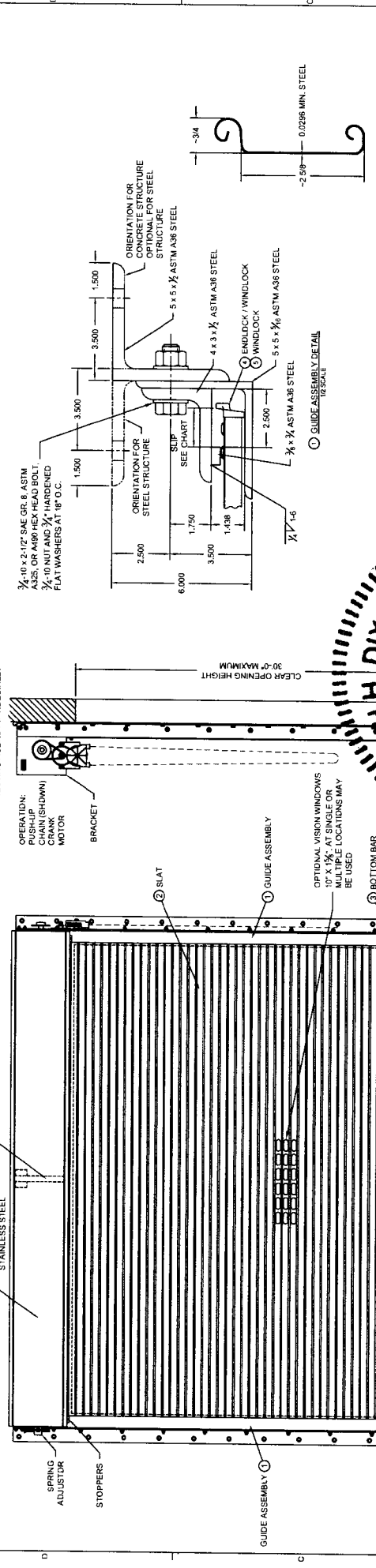
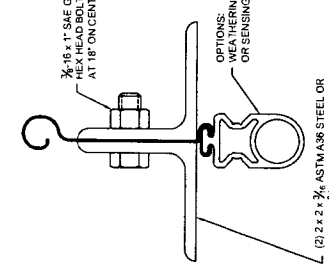
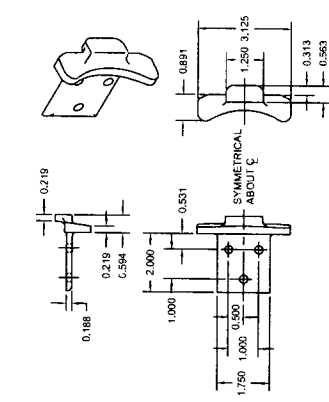
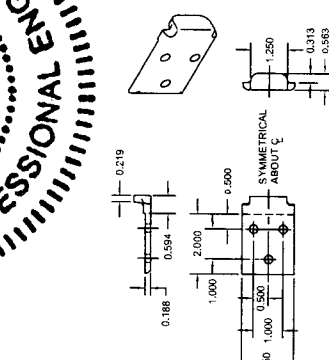
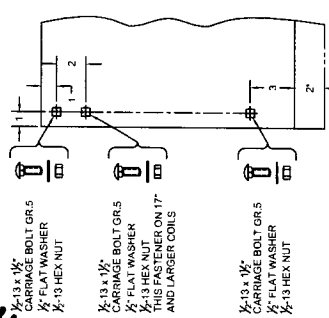


DATE	BY	E.C.D.
12/19/12	LE	
REVISION		
1 - ORIGINAL SUBMIT		



SLAT DETAIL
 ASTM A601 18 GA. GRADE 40 G40 DR
 ASTM A601 18 GA. GRADE 40 G40 DR
 OR TYPE 304 LVS 3040 STAINLESS STEEL, MIN. YIELD 19,000 PSI
 OR TYPE 316 LVS 3160 STAINLESS STEEL, MIN. YIELD 20,000 PSI
 OR TYPE 201 LVS 20100 S UNLESS STEEL, MIN. YIELD 40,000 PSI
 FULL SCALE

1. THE ROLL-UP DOOR SYSTEM IS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
2. POSITIVE AND NEGATIVE DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED ON SPECIFIC JOBS IN ACCORDANCE WITH ASCE 7. MINIMUM DESIGN PRESSURES SHALL BE LESS THAN OR EQUAL TO DOOR DESIGN PRESSURES NOTED ON SHEET 3.
3. THE DOOR SHALL BE CAPABLE OF WITHSTANDING AN EQUIVALENT WIND SPEED EXPOSURE.
4. TESTING PERFORMED BY ARCHITECTURAL TESTING, INC. (ATOK, PENNSYLVANIA) TEST REPORT NO. 188440-109-16.
5. SUPERIMPOSED LOADS ON THE JAMBS FROM THIS DOOR ARE DESIGNATED AS F1 THROUGH F4.
6. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH ASME SECTION II, PART D, TABLE QW-400. MINIMUM WELDING PROCESS SHALL BE A1C. WELDING AWS PROC. OR AWS WELDING AWS PROC.
7. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH ASME SECTION II, PART D, TABLE QW-400. MINIMUM WELDING PROCESS SHALL BE A1C. WELDING AWS PROC. OR AWS WELDING AWS PROC.
8. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL.
9. A 3/4" MIN. ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS DOOR.



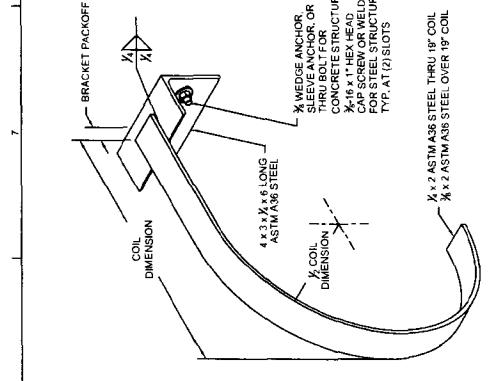
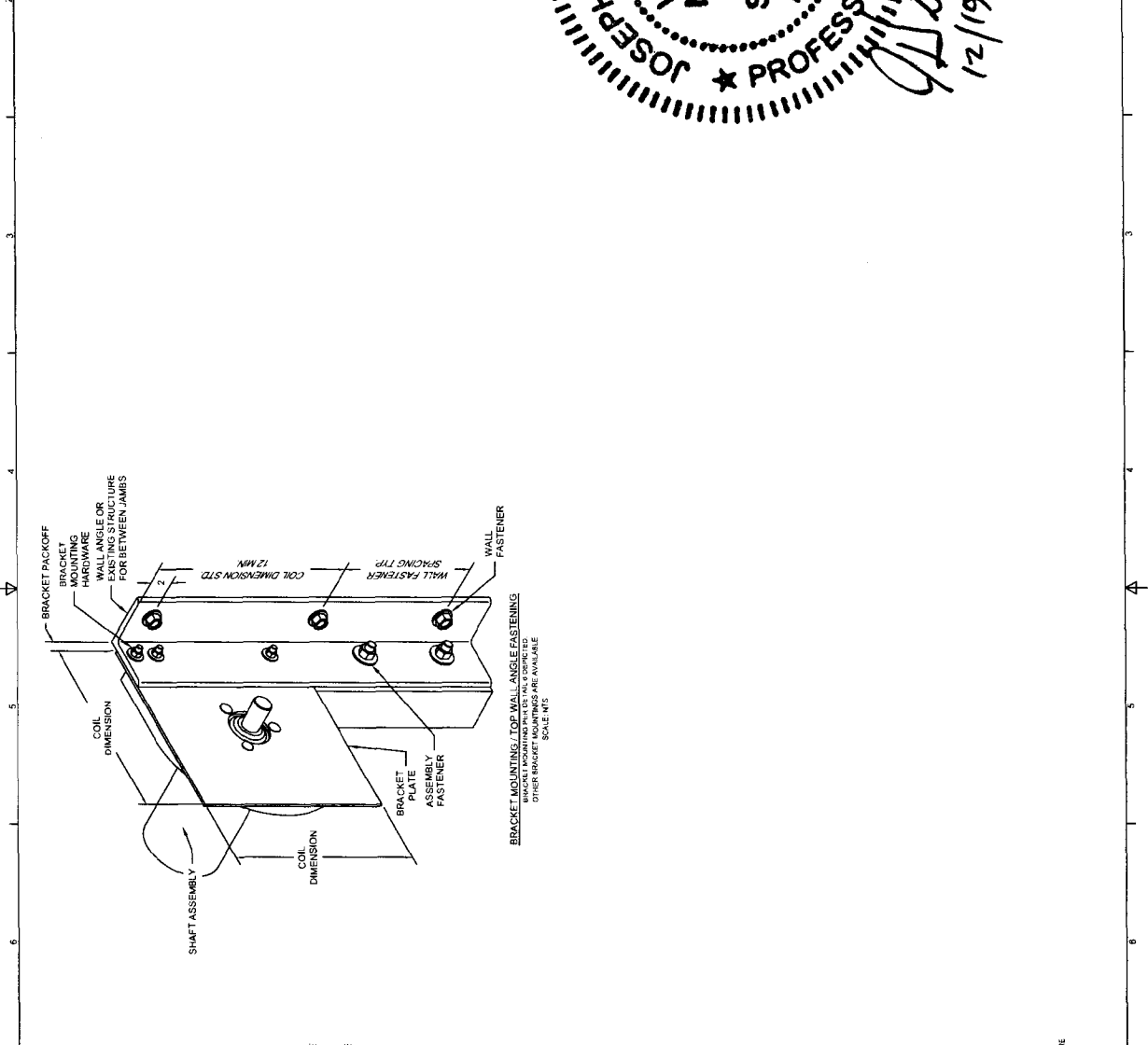
CORNELL
 185 E. UNIVERSITY AVENUE
 GREENTWOOD INDUSTRIAL PARK
 MOUNTAIN TOP, PA 18070

FLORIDA APPROVED
 WINDLOAD CONFIGURATIONS
 NON-INSULATED ROLLING STEEL DOOR
 NON-IMPACT RESISTANT

DATE DRAWN: 07/20/10
 D. L. ERWIN

SCALE: AS NOTED
 SHEET 1 OF 3

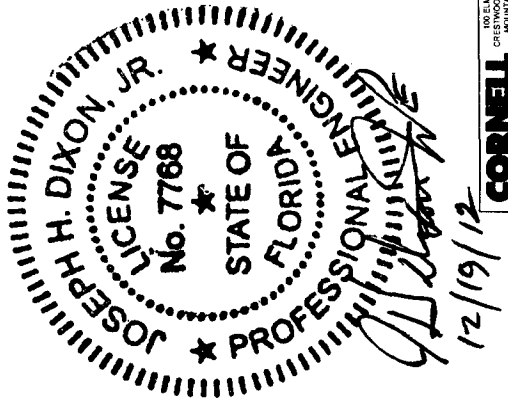
REV	DATE	BY	CHK'D
1	12/19/12	JL	...
2			
3			
4			
5			
6			
7			
8			



Ⓒ MID-HOOD SUPPORT
 7/7 SHAPE DEPICTED SQUARE STEEL ALSO AVAILABLE
 SCALE: 1/8\"/>

COIL HEIGHT (IN) UP TO (MAX)	MAXIMUM COIL HEIGHT (IN) EACH END (IN)	DESIGN PRESSURE (PSF)	
		WIND	SNOW
6.0	30	0.068	4.100
7.5	30	0.056	4.100
9.0	30	0.044	4.100
10.5	30	0.032	4.100
12.0	30	0.020	4.100
13.5	30	0.008	4.100
15.0	30	0.000	4.100
16.5	30	0.000	4.100
18.0	30	0.000	4.100
19.5	30	0.000	4.100
21.0	30	0.000	4.100
22.5	30	0.000	4.100
24.0	30	0.000	4.100
25.5	30	0.000	4.100
27.0	30	0.000	4.100
28.5	30	0.000	4.100
30.0	30	0.000	4.100
31.5	30	0.000	4.100
33.0	30	0.000	4.100
34.5	30	0.000	4.100
36.0	30	0.000	4.100
37.5	30	0.000	4.100
39.0	30	0.000	4.100
40.5	30	0.000	4.100
42.0	30	0.000	4.100
43.5	30	0.000	4.100
45.0	30	0.000	4.100
46.5	30	0.000	4.100
48.0	30	0.000	4.100
49.5	30	0.000	4.100
51.0	30	0.000	4.100
52.5	30	0.000	4.100
54.0	30	0.000	4.100
55.5	30	0.000	4.100
57.0	30	0.000	4.100
58.5	30	0.000	4.100
60.0	30	0.000	4.100
61.5	30	0.000	4.100
63.0	30	0.000	4.100
64.5	30	0.000	4.100
66.0	30	0.000	4.100
67.5	30	0.000	4.100
69.0	30	0.000	4.100
70.5	30	0.000	4.100
72.0	30	0.000	4.100
73.5	30	0.000	4.100
75.0	30	0.000	4.100
76.5	30	0.000	4.100
78.0	30	0.000	4.100
79.5	30	0.000	4.100
81.0	30	0.000	4.100
82.5	30	0.000	4.100
84.0	30	0.000	4.100
85.5	30	0.000	4.100
87.0	30	0.000	4.100
88.5	30	0.000	4.100
90.0	30	0.000	4.100
91.5	30	0.000	4.100
93.0	30	0.000	4.100
94.5	30	0.000	4.100
96.0	30	0.000	4.100
97.5	30	0.000	4.100
99.0	30	0.000	4.100
100.5	30	0.000	4.100

*NOTE: DESIGN PRESSURES FOR DOOR ATTACHING TO FILLED GYM STRUCTURE MUST BE REDUCED BY 50%.



CORNELL
 100 ELMWOOD AVENUE
 CRESTWOOD INDUSTRIAL PARK
 CRESTWOOD, MISSOURI 63001-1417
 PHONE: 636-585-1100
 FAX: 636-585-1101
 E-MAIL: CORNELL@CORNELL-ENGINEERS.COM

FLORIDA APPROVED
 WINDLOAD CONFIGURATIONS
 NON-INSULATED ROLLING STEEL DOOR
 NON-IMPACT RESISTANT

PROJECT: D. J. BRACKEN
 DRAWING: ES16-49b-C1W
 SCALE: AS SHOWN
 SHEET: 3 OF 3