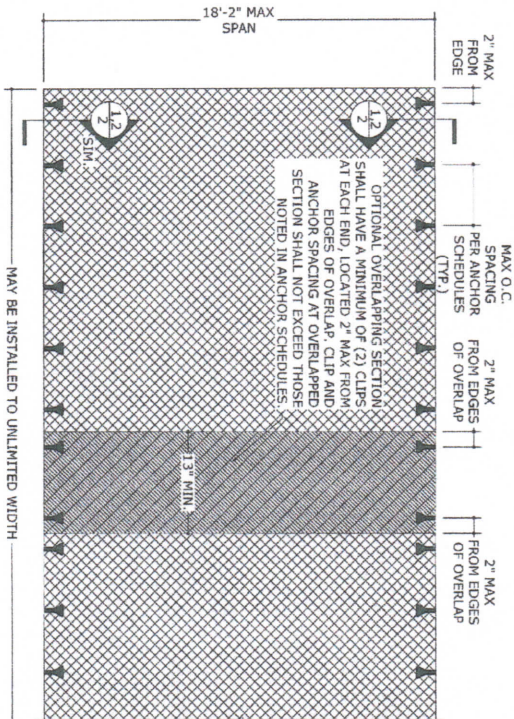
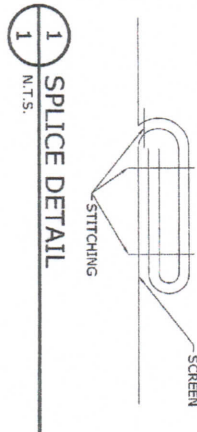


ASTRO GUARD WIND ABATEMENT SYSTEM

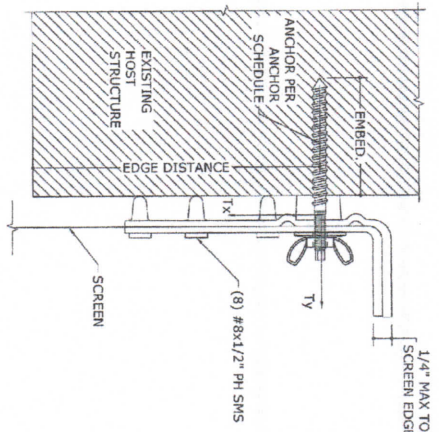
GENERAL NOTES

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE, FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE PER TAS 201, 202 AND 203 TESTING STANDARDS.
 2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR $C_d=1.6$ HAS BEEN USED FOR WOOD ANCHOR DESIGN.
 3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7-10 AND CHAPTER 1609 OF THE 2010 FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
 4. DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
 5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
 6. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS. WOOD BUYS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
 7. THIS SYSTEM IS INTENDED FOR USE ONLY DURING WIND STORM EVENTS, WHEN NOT IN USE, PRODUCT SHALL BE PROPERLY STORED AWAY FROM PROLONGED EXPOSURE TO DIRECT SUNLIGHT OR OTHER WEATHERING CONDITIONS.
 8. UNLESS OTHERWISE NOTED HEREIN, ALL SCREWS SHALL BE 304 OR 316 STAINLESS STEEL OR CORROSION RESISTANT COATED SAE GR. 5 CARBON STEEL.
 9. MAXIMUM PANEL SPAN: 14'-8"
 10. MAXIMUM ALLOWABLE DESIGN PRESSURE: 460 PSF
 11. PANELS SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER PANEL CONTAINING THE FOLLOWING:
HURRICANE FABRIC.COM LLC
PO BOX 50153
CLAYTON, MD 63105
TAS 201, 202, 203
MIAMI-DADE NOA NUMBER
 12. HURRICANE FABRIC PANELS MAY BE MOUNTED VERTICALLY OR HORIZONTALLY AS APPLICABLE.
 13. DISSIMILAR MATERIALS SHALL BE INSULATED FROM TO PREVENT CORROSION AND ELECTROLYSIS AS NECESSARY IN ACCORDANCE WITH THE ABOVE REFERENCED BUILDING CODE.
 14. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- RETENTION CLIP END CONNECTOR:**
- RHODIA ENGINEERING PLASTICS
POLYAMIDE 66
- FABRIC SPECIFICATION:**
- TYPE OF YARN: 1680 DENIER
CONSTRUCTION: 25 X 25 TWIST
THICKNESS: 250 DENIERS $\pm$ 5%
FINISH: 450 COATED
WEIGHT (ASTM D 3776): 10.83 OZ/YD²
TENSILE STRENGTH (6948 METHOD, ASTM D 4632): WARP: 879 LBS, WEFT: 879 LBS
BUST STRENGTH (ASTM D 3780): 1500 PSI
ABRASION RESISTANCE (ASTM D 4886): 95% STRENGTH RETAINED
- SEWING:**
- SEWING ONLY AT SPLICE (SEE SPLICE DETAIL). NO SEWING AT EDGES.

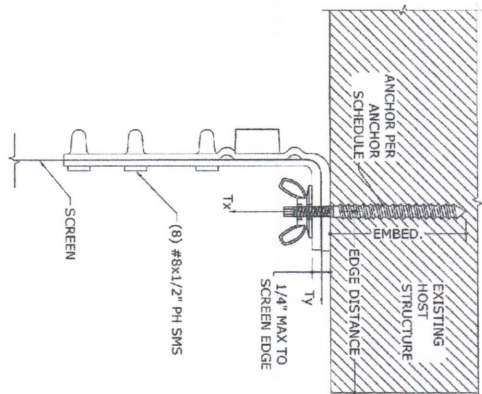


2 TYPICAL PANEL INSTALLATION
N.T.S.
EXTENSION ELEV

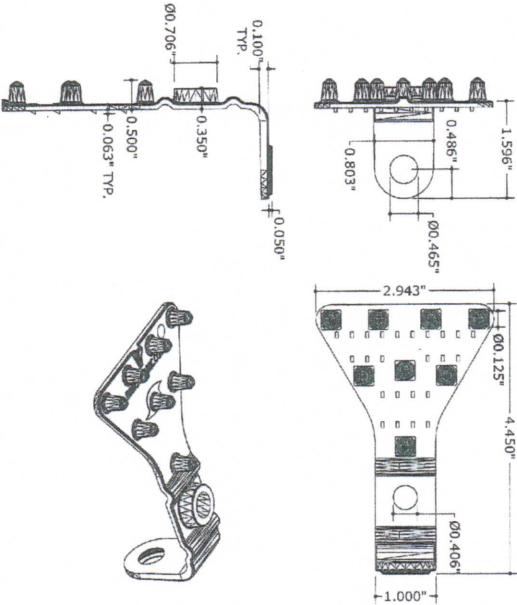
HURRICANE FABRIC, LLC 1505 POINSETTIA DR, SUITE H-3 DELRAY BEACH, FL 33444 WWW.HURRICANEFABRIC.COM				ENGINEERING EXPRESS 160 SW 12th AVENUE, #106 DEERFIELD BEACH, FL 33442 PH: (954) 354-0660 FAX: (954) 354-0443 WWW.ENGEXP.COM CERT OF AUTH 00000 A FRANK L. BENNARDO, P.E., INC. INNOVATION	
12-HFC-04 01 SCALE: 1/4" = 1'-0" DATE: 07/16/12 DRAWN: KL CHECKED: FLB DATE: 07/16/12				REMARKS INIT ISSUE	



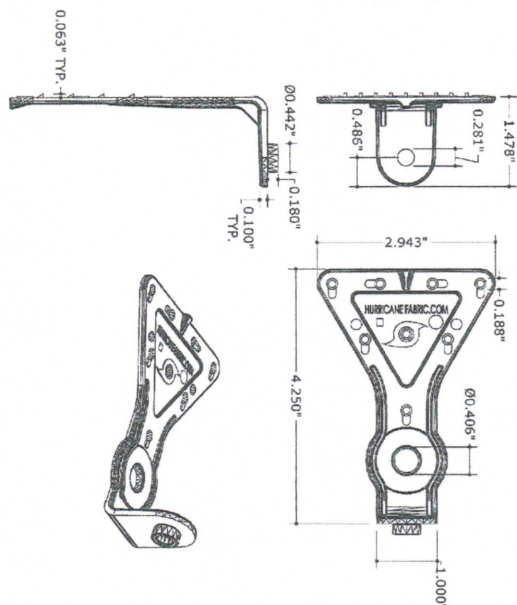
1 WALL MOUNT CONDITION
SECTION VIEW
2 N.T.S.



2 INTERIOR MOUNT CONDITION
SECTION VIEW
2 N.T.S.



1 BOTTOM MOUNTING CLIP
POLYAMIDE 66
N.T.S.



2 TOP MOUNTING CLIP
POLYAMIDE 66
N.T.S.

MINIMUM SEPARATION FROM GLASS INCLUDING INSTALLATION SLACK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	6.4"	6.1"	5.7"	5.3"
6'-0"	10.2"	9.7"	9.1"	8.3"
8'-0"	14.5"	13.7"	12.8"	11.7"
10'-0"	19.2"	18.2"	16.9"	15.5"
12'-0"	24.2"	22.9"	21.3"	19.4"
14'-0"	29.5"	27.9"	25.9"	23.7"
16'-0"	35.1"	33.4"	30.8"	28.1"
18'-0"	41.4"	38.0"	33.3"	30.4"
20'-0"	48.2"	44.8"	39.3"	36.1"

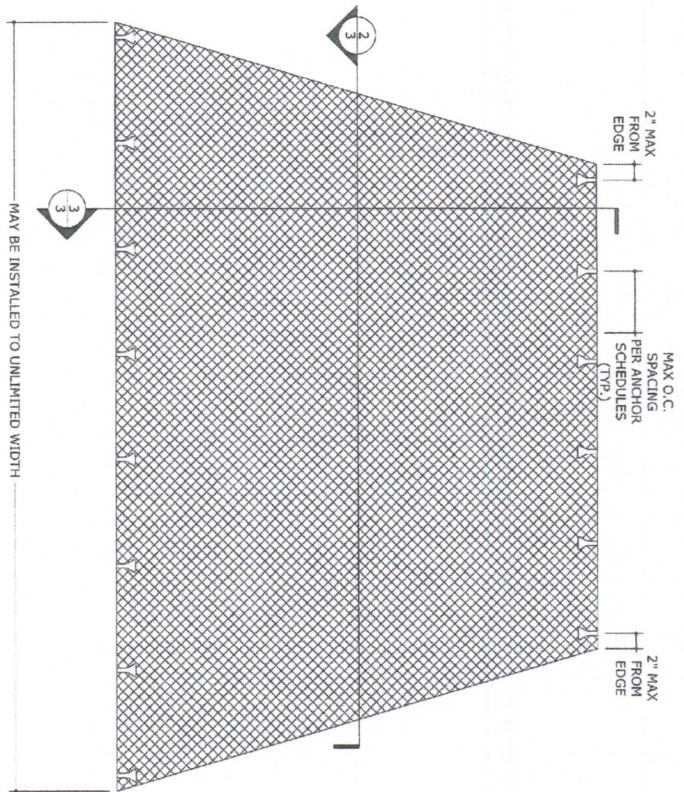
LOAD ON EXISTING STRUCTURE FROM SCREEN SYSTEM				
Tx = PARALLEL LOADS (PLF)				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	280.4	221.7	191.1	157.7
6'-0"	328.1	260.5	250.4	208.7
8'-0"	397.4	351.9	303.3	250.4
10'-0"	461.2	408.4	351.9	290.5
12'-0"	520.8	461.2	397.4	328.1
14'-0"	577.1	511.1	440.4	363.6
16'-0"	630.9	567.2	481.5	397.4
18'-0"	680.9	621.7	521.0	431.8
20'-0"	728.6	668.6	558.0	465.3

LOAD ON EXISTING STRUCTURE FROM SCREEN SYSTEM				
Ty = PERPENDICULAR LOADS (PLF)				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	120.0	100.0	80.0	60.0
6'-0"	180.0	150.0	120.0	90.0
8'-0"	240.0	200.0	160.0	120.0
10'-0"	300.0	250.0	200.0	150.0
12'-0"	360.0	300.0	240.0	180.0
14'-0"	420.0	350.0	280.0	210.0
16'-0"	480.0	400.0	320.0	240.0
18'-0"	540.0	450.0	360.0	270.0
20'-0"	600.0	500.0	400.0	300.0

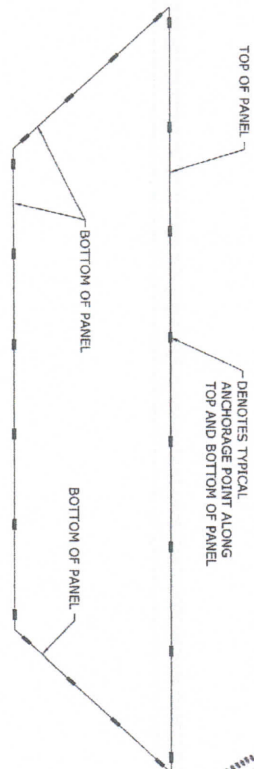

ENGINEERING
EXPRESS
 160 SW 12th AVENUE, SUITE 106
 DEERFIELD BEACH, FL 33442
 PH: (954) 354-0660 FAX: (954) 354-0443
 WWW.ENGEXP.COM
 CERT. OF AUTH. 000000
 A FRANK L. BENNARDO, P.E., INC. INNOVATION

HURRICANE FABRIC, LLC
 1505 POINSETTIA DR, SUITE H-3
 DELRAY BEACH, FL 33444
 WWW.HURRICANEFABRIC.COM
 ASTRO GUARD
 WIND ABATEMENT SYSTEM
 MIAMI-DADE NOTICE OF ACCEPTANCE

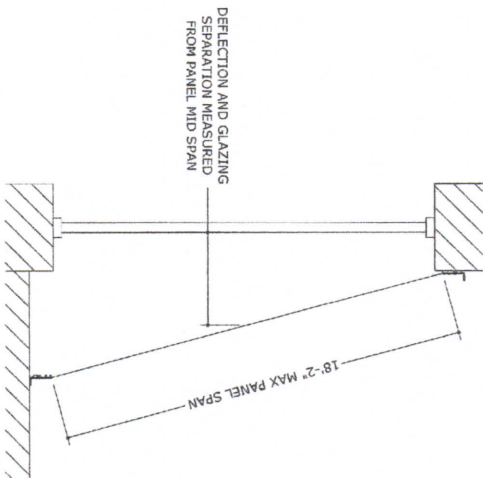
12-HFC-04
 SCALE: 1/1
 101
 REMARKS
 INIT ISSUE
 DATE 07/16/12
 2



1 ANGLED PANEL INSTALLATION
N.T.S. EXTERIOR ELEV

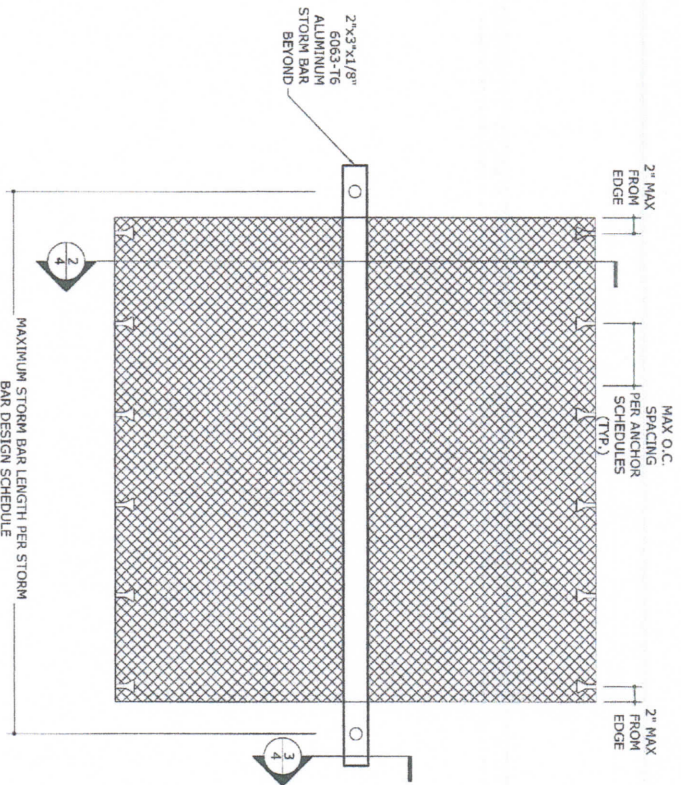


2 ANGLED PANEL INSTALLATION
N.T.S. PLAN VIEW

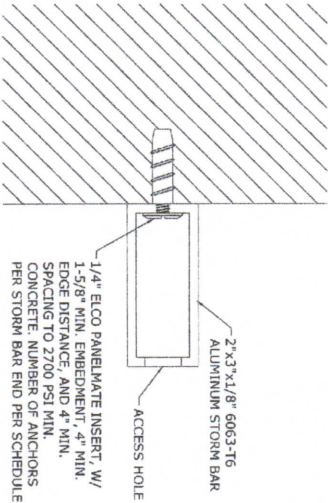
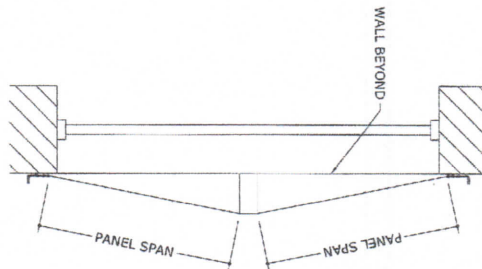


3 ANGLED PANEL INSTALLATION
N.T.S. VERTICAL SECTION

3	12-HFC-04 SCALE: 1/8\"/>	REMARKS INIT ISSUE	DRWN CHKD DATE KL FLB 07/16/12	HURRICANE FABRIC, LLC 1505 POINSETTIA DR, SUITE H-3 DELRAY BEACH, FL 33444 WWW.HURRICANEFABRIC.COM ASTRO GUARD WIND ABATEMENT SYSTEM MIAMI-DADE NOTICE OF ACCEPTANCE	ENGINEERING EXPRESS 160 SW 12th AVENUE, SUITE 100 DEERFIELD BEACH, FL 33442 Ph: (954) 354-0660 Fax: (954) 354-0663 WWW.ENGEXP.COM CERT OF AUTH #0065 A FRANK L BENNARDO, P.E., INC. INNOVATION	09/26/2012 PROFESSOR FRANK L BENNARDO, P.E.
	11	11	11	11	11	



NOTE: NON SPAN OVERLAP SHALL BE A MINIMUM OF 1.5 X THE PANEL PROJECTION FROM OPENING



3 STORM BAR END DETAIL
N.T.S. VERTICAL SECTION

1 INSTALLATION W/ STORM BAR
N.T.S. EXTERIOR ELEV

2 INSTALLATION W/ STORM BAR
N.T.S. VERTICAL SECTION

MAX PANEL SPAN	1 ANCHOR(S) PER END			2 ANCHOR(S) PER END			3 ANCHOR(S) PER END		
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
3 FT	75"	80"	86"	94"	75"	80"	86"	94"	75"
4 FT	56"	70"	78"	86"	68"	72"	78"	86"	68"
5 FT	47"	56"	70"	80"	63"	67"	72"	80"	63"
6 FT	39"	47"	56"	78"	60"	63"	68"	75"	60"
7 FT	38"	40"	50"	69"	57"	60"	65"	71"	57"
8 FT	28"	35"	44"	59"	53"	57"	62"	68"	53"
9 FT	25"	31"	39"	52"	50"	54"	59"	65"	50"
10 FT	23"	28"	35"	47"	47"	52"	57"	63"	47"
11 FT	21"	26"	32"	43"	43"	48"	53"	59"	43"
12 FT	20"	23"	29"	39"	39"	47"	53"	60"	43"
13 FT	18"	22"	27"	36"	36"	43"	51"	58"	41"
14 FT	17"	20"	25"	33"	33"	40"	48"	56"	40"
15 FT	16"	19"	23"	31"	31"	37"	47"	54"	39"

HURRICANE FABRIC, LLC

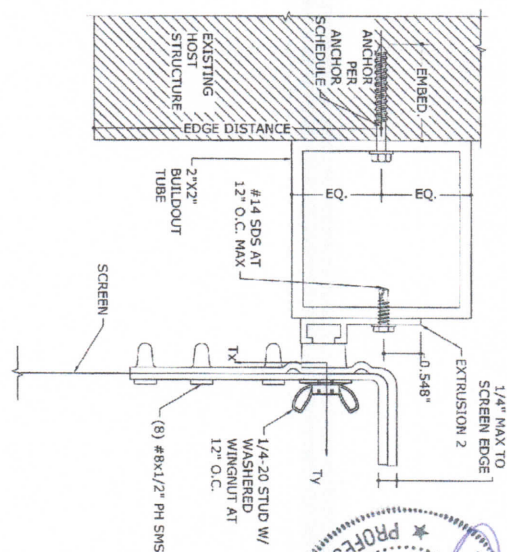
1505 POINSETTIA DR, SUITE H-3
DELRAY BEACH, FL 33444
WWW.HURRICANEFABRIC.COM

ASTRO GUARD
WIND ABATEMENT SYSTEM
MIAMI-DADE NOTICE OF ACCEPTANCE

ENGINEER EXPRESS

160 SW 12th AVENUE, #106
DEERFIELD BEACH, FL 33442
PH: (954) 354-0660 FAX: (954) 354-0443
WWW.ENGEXP.COM

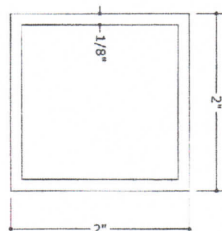
CERT OF AUTH 00005
A FRANK L. BENNARDO, P.E., INC. INNOVATION



3 ALTERNATE ATTACHMENT
5 BUILD OUT TUBE MOUNT
N.T.S. SECTION

3 ALTERNATE ATTACHMENT BUILD OUT TUBE MOUNT

INT



3 2"X2" BUILDOUT TUBE
N.T.S. 6063-T6 ALU

N.T.S.

6063-T6 ALUM

100

1. SEE EXISTOR ELEVATION FOR ANCHOR LOCATIONS AND/OR SPACING.
2. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
3. UNLESS OTHERWISE NOTED HEREIN, WHERE ANCHORS FASTEN TO WAREHOUSE FLOOR (i.e. STUD FRAMING), ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x (MIN) WOOD JOIST (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING).
4. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" $G=0.55$ OR GREATER DENSITY.
5. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM BRICK, AND OTHER WALL FINISHES.
6. ANCHOR SCHEDULE APPLIES TO ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
7. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
8. MACHINE SCREWS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WREN FIELD (SIDEWALL BOLT) U.N.O.

SPAN	326 PSI MIN. CONCRETE					1/4" ITW SAMM SSC ANCHOR SCHEDULE, INTERIOR JOINT CONDITION (IN O.C.)					GROUP FILLED CONCRETE BLOCK				
	DESIGN PRESSURE					DESIGN PRESSURE					DESIGN PRESSURE				
	60 PSF	100	100	30 PSF	60 PSF	40 PSF	60 PSF	40 PSF	30 PSF	60 PSF	40 PSF	30 PSF	60 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	10.0	7.9	9.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	6.2	7.2	8.6	10.0	8.6	10.0	10.0	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	5.2	6.0	7.2	9.1	7.0	8.3	10.0	10.0	10.0	10.0	10.0	10.0
12'-0"	10.0	10.0	10.0	4.5	5.2	6.2	7.2	6.1	7.0	8.6	10.0	10.0	10.0	10.0	10.0
14'-0"	9.7	10.0	10.0	10.0	4.6	5.5	6.9	5.2	6.1	7.5	9.6	8.1	9.6	8.1	9.6
14'-8"	9.3	10.0	10.0	10.0	4.4	5.3	6.7	5.0	5.9	7.2	9.3	8.1	9.6	8.1	9.6
16'-0"	8.7	10.0	10.0	10.0	4.1	4.9	6.2	4.6	5.4	6.7	8.6	8.1	9.6	8.1	9.6
17'-0"	8.2	9.6	10.0	10.0		4.7	5.9	4.4	5.2	6.3	8.1	8.1	9.6	8.1	9.6
18'-0"	7.8	9.1	10.0	10.0		4.5	5.6	4.1	4.9	5.9	7.7	7.7	9.6	8.1	9.6

SPAN	1/4" ITW SAMAY SSC ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN O.C.)									
	328 PSI MCM CONCRETE					HOLLOW FILLED CONCRETE BLOCK				
	DESIGN PRESSURE					DESIGN PRESSURE				
60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF
4'-0"	100	100	100	100	82	100	100	100	100	100
6'-0"	100	100	100	100	68	78	92	100	78	89
8'-0"	100	100	100	100	55	63	75	92	64	73
10'-0"	100	100	100	100	47	53	63	78	55	62
12'-0"	90	100	100	100	41	47	56	68	48	55
14'-0"	86	98	100	100	4.2	5.1	6.1	4.3	4.9	5.6
16'-0"	83	95	100	100	4.1	4.8	5.9	4.2	4.8	5.8
18'-0"	78	89	100	100	4.5	5.5	6.4	4.5	5.2	6.4
20'-0"	75	85	100	100	4.3	5.3	6.3	4.3	5.0	6.1
22'-0"	71	81	96	100	4.1	5.1	6.1	4.1	4.8	5.9

1/4" E/C/O PANEL/LATE (MALE OR FEMALE) ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN. O.C.)											
3/32" PSI MIN. CONCRETE											
BLOCK											
G-0.55 MIN. WOOD											
SPAN	DESIGN PRESSURE			DESIGN PRESSURE			DESIGN PRESSURE				
	60 PSF	40 PSF	30 PSF	60 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	
4'-0"	100	100	100	85	98	100	100	100	100	100	
6'-0"	100	100	100	63	72	85	100	100	100	100	
8'-0"	100	100	100	50	56	69	85	83	98	100	
10'-0"	98	100	100	42	48	58	72	69	81	98	
12'-0"	85	98	100		42		63	63	69	83	
	75	87	100			45	56	51	60	73	
14'-0"	72	84	100			43	50	48	54	70	
16'-0"	67	78	100			40	46	46	50	65	
18'-0"	64	74	100			40	46	43	51	62	
20'-0"	60	70	100			46	46	41	48	56	
										73	

14" ELCO PANEL/MALE OR FEMALE/ANCHOR SCHEDULE 40 WALL JOINT CONDITION (IN. O.C.)											
3323 PSI MIN. CONCRETE						HOLLOW BLOCK					
SPAN		DESIGN PRESSURE			DESIGN PRESSURE			DESIGN PRESSURE			
		60 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF
4'-0"	10'0"	100	100	100	8.3	9.4	10.0	10.0	10.0	10.0	10.0
6'-0"	10'0"	100	100	100	8.1	7.0	8.3	10.0	8.5	9.7	10.0
8'-0"	10'0"	100	100	100	4.6	5.6	6.7	8.3	6.9	7.9	8.3
10'-0"	8'0"	100	100	100	4.1	4.8	5.6	7.0	5.8	6.7	7.9
12'-0"	7'8"	89	100	100		4.1	4.6	5.1	5.1	5.8	6.7
14'-0"	6'9"	80	84	100			4.4	5.4	4.5	5.2	6.1
16'-0"	6'7"	77	81	100		4.2	5.3	4.5	5.0	5.9	7.3
18'-0"	6'3"	72	85	100			4.9	4.1	4.7	5.6	6.8
20'-0"	6'0"	69	81	100			4.7	4.5	4.5	5.3	6.5
22'-0"	5'7"	65	77	86			4.5		4.3	5.1	6.3

1/4" POWERS HOLLOW-SET DROP-IN ANCHOR SCHEDULE INTERIOR MOUNT CONDITION (IN O.C.)									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT-FILLED CONCRETE				
DESIGN PRESSURE					BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	4.9	5.5	6.5	7.8	7.8
6'-0"	9.1	10.0	10.0	10.0	4.2	4.2	4.6	6.0	6.0
8'-0"	7.4	8.4	9.9	10.0			4.0	4.9	4.9
10'-0"	6.2	7.2	8.4	10.0				4.2	
12'-0"	5.4	6.2	7.4	9.1					
14'-0"	4.8	5.6	6.6	8.1					
16'-0"	4.7	5.4	6.4	7.8					
18'-0"	4.4	5.0	6.0	7.4					
17'-0"	4.2	4.8	5.7	7.1					
18'-2"	4.1	4.6	5.4	6.7					

1/4" POWERS HOLLOW-SET DROP-IN ANCHOR SCHEDULE WALL MOUNT CONDITION (IN O.C.)									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT-FILLED CONCRETE				
DESIGN PRESSURE					BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	8.1	9.3	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	6.8	6.8	8.1	10.0	10.0
8'-0"	8.1	8.3	10.0	10.0	4.3	5.1	6.3	8.1	8.1
10'-0"	6.8	7.8	8.3	10.0		4.2	5.1	6.8	6.8
12'-0"	5.8	6.8	8.1	10.0			4.3	5.8	4.9
14'-0"	5.1	6.0	7.1	9.0				4.7	4.7
16'-0"	5.0	5.7	6.9	8.7				4.3	4.3
18'-0"	4.6	5.4	6.4	8.1				4.1	4.1
17'-0"	4.4	5.1	6.1	7.7					
18'-2"	4.1	4.6	5.8	7.3					

1/4" ALL POINTS SOLID-SET ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN O.C.)									
3000 PSI MIN CONCRETE					HOLLOW AND GROUT-FILLED CONCRETE				
DESIGN PRESSURE					BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	9.6	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	7.7	8.9	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	6.5	7.5	8.9	10.0	10.0
12'-0"	9.8	10.0	10.0	10.0	5.6	6.5	7.7	9.6	9.6
14'-0"	8.7	10.0	10.0	10.0	5.0	5.8	6.8	8.5	8.5
16'-0"	8.4	9.7	10.0	10.0	4.8	5.5	6.6	8.2	8.2
18'-0"	7.8	9.0	10.0	10.0	4.5	5.2	6.2	7.7	7.7
17'-0"	7.5	8.6	10.0	10.0	4.3	4.9	5.9	7.4	7.4
18'-2"	7.1	8.2	9.7	10.0	4.1	4.7	5.6	7.0	7.0

1/4" ALL POINTS SOLID-SET ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN O.C.)									
3000 PSI MIN CONCRETE					HOLLOW AND GROUT-FILLED CONCRETE				
DESIGN PRESSURE					BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	9.8	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	7.7	8.9	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	6.5	7.5	8.9	10.0	10.0
12'-0"	9.9	10.0	10.0	10.0	5.6	6.5	7.7	9.6	9.6
14'-0"	8.8	10.0	10.0	10.0	5.0	5.8	6.8	8.5	8.5
16'-0"	8.5	9.8	10.0	10.0	4.8	5.5	6.6	8.3	8.3
18'-0"	7.9	9.1	10.0	10.0	4.5	5.2	6.2	7.7	7.7
17'-0"	7.5	8.7	10.0	10.0	4.3	4.9	5.9	7.4	7.4
18'-2"	7.1	8.2	9.8	10.0	4.1	4.7	5.6	7.0	7.0

1/4" ELCO PANELMATE INSERT ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN O.C.)									
2700 PSI MIN CONCRETE					HOLLOW CONCRETE BLOCK				
DESIGN PRESSURE					GROUT-FILLED CONCRETE BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	9.4	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	7.5	8.6	10.0	10.0	10.0
10'-0"	8.4	9.9	10.0	10.0	6.3	7.2	8.6	10.0	10.0
12'-0"	7.2	8.4	10.0	10.0	5.4	6.3	7.5	9.4	7.4
14'-0"	6.3	7.4	9.0	10.0	4.8	5.5	6.6	8.3	6.5
16'-0"	5.3	6.0	7.1	8.6	4.0	4.6	5.3	6.4	5.7
18'-0"	4.6	5.0	6.0	7.1	3.5	4.0	4.7	5.5	4.8
17'-0"	4.3	4.8	5.7	6.7	3.2	3.7	4.4	5.1	4.5
18'-2"	4.1	4.6	5.4	6.4	3.0	3.5	4.2	4.8	4.1

1/4" ELCO PANELMATE INSERT ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN O.C.)									
2700 PSI MIN CONCRETE					HOLLOW CONCRETE BLOCK				
DESIGN PRESSURE					GROUT-FILLED CONCRETE BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	9.6	10.0	10.0	10.0	8.8	10.0	10.0	10.0	10.0
8'-0"	7.9	8.9	10.0	10.0	7.1	8.1	9.8	10.0	9.8
10'-0"	6.7	7.6	8.9	10.0	6.0	6.9	8.1	9.0	8.2
12'-0"	5.9	6.7	7.9	9.6	5.2	6.0	7.1	8.8	7.1
14'-0"	5.3	6.0	7.0	8.6	4.6	5.3	6.3	7.8	6.4
16'-0"	4.8	5.5	6.4	7.9	4.2	4.8	5.7	7.1	5.7
17'-0"	4.6	5.2	6.1	7.5	4.0	4.6	5.4	6.8	5.7
18'-2"	4.4	5.0	5.9	7.2	3.8	4.4	5.2	6.5	5.5

1/4" POWERS STEEL DROP-IN ANCHOR SCHEDULE INTERIOR MOUNT CONDITION (IN O.C.)									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT-FILLED CONCRETE				
DESIGN PRESSURE					BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12'-0"	9.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
14'-0"	8.0	9.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0
16'-0"	7.2	8.3	9.9	10.0	10.0	10.0	10.0	10.0	10.0
18'-0"	6.8	7.9	9.4	10.0	10.0	10.0	10.0	10.0	10.0
18'-2"	6.5	7.5	8.9	10.0	10.0	10.0	10.0	10.0	10.0

1/4" POWERS STEEL DROP-IN ANCHOR SCHEDULE WALL MOUNT CONDITION (IN O.C.)									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT-FILLED CONCRETE				
DESIGN PRESSURE					BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12'-0"	9.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
14'-0"	8.1	9.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0
16'-0"	7.8	9.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0
18'-0"	7.0	8.1	9.6	10.0	10.0	10.0	10.0	10.0	10.0
18'-2"	6.6	7.6	9.1	10.0	10.0	10.0	10.0	10.0	10.0

NOTE: SEE SHEET 6
FOR ANCHOR NOTES

3/8" POWERS STEEL DROP-IN ANCHOR SCHEDULE INTERIOR MOUNT CONDITION (IN O.C.)									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT-FILLED CONCRETE				
DESIGN PRESSURE					BLOCK				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
14'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
16'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
18'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
18'-2"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

3/8" POWERS STEEL DROP-IN ANCHOR SCHEDULE WALL MOUNT CONDITION (IN O.C.)					
SPAN	4000 PSI MIN CONCRETE				
	DESIGN PRESSURE				
	60 PSF	50 PSF	40 PSF	30 PSF	
4'-0"	10.0	10.0	10.0	10.0	
6'-0"	10.0	10.0	10.0	10.0	
8'-0"	10.0	10.0	10.0	10.0	
10'-0"	10.0	10.0	10.0	10.0	
12'-0"	10.0	10.0	10.0	10.0	
14'-0"	10.0	10.0	10.0	10.0	
16'-0"	10.0	10.0	10.0	10.0	
18'-0"	10.0	10.0	10.0	10.0	
19'-0"	10.0	10.0	10.0	10.0	
17'-2"	10.0	10.0	10.0	10.0	

1/4" ALL POINTS SOLID-SET ANCHOR SCHEDULE -
EXTRUSION 1 MOUNT (IN. O.C.)

3000 PSI MIN COMPACTILE				
SPAN	DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	4.2	4.7	5.5	6.7
6'-0"			4.2	5.1
8'-0"				4.2

3/8" POWERS STEEL DROPIN ANCHOR SCHEDULE
EXTRUSION 1 MOUNT (IN. O.C.)

SPAN	DESIGN PRESSURE				
	90 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	8.0	9.1	10.6	12.0	13.4
6'-0"	8.1	9.5	8.0	9.8	11.2
8'-0"	5.0	5.5	6.8	8.0	9.2
10'-0"		4.8	5.5	6.9	8.1
12'-0"			5.0	6.1	7.3
14'-0"				5.4	6.5
14'-6"				5.3	6.3
16'-0"				5.0	6.0
17'-0"				4.7	5.7
18'-2"				4.5	5.5

1/4" POWERS STEEL DROP-IN ANCHOR SCHEDULE
EXTRUSION 1 MOUNT (IN. O.C.)

4000 PSI MIN CONCRETE				
SPAN	DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"		4.3	5.0	6.1
6'-0"	4.6			

1/4" POWERS POWER-STUD ANCHOR SCHEDULE - EXTRUSION 1 MOUNT (IN. O.C.)	
4000 PSI MIN CONCRETE	GROUT-FILLED CONCRETE BLD

SPAN	DESIGN PRESSURE				
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
4'-0"	4.4	5.2	6.3		4.0
6'-0"			4.8		

1/4" ELCO PANELMATE TVAS ANCHOR SCHEDULE - EXTRUSION 1 MOUNT (IN. O.C.)

SP/N	3900 PSI MIN CONCRETE								G=0.56 MM WOOD			
	DESIGN PRESSURE								DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	
4'-0"	4.7	6.3	6.2	7.5								
6'-0"		4.0	4.7									
8'-0"				4.7								
10'-0"					4.0							

1/4" ELCO PANELMATE FEMALE ID ANCHOR SCHEDULE - EXTRUSION 1 MOUNT (IN. O.C.)	G-0
3350 PSI MIN CONCRETE	BI OCK
HOLLOW AND GROUT-FILLED CONCRETE	

SPAN	DESIGN PRESSURE					
	60 PSF 4.1	50 PSF 4.8	40 PSF 5.4	30 PSF 6.0	20 PSF 6.6	10 PSF 7.2
4'-0"						
6'-0"						
8'-0"						

1/4" ITW SAMMY SSC ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)		
CONCRETE	HOLLOW CONCRETE BLOCK	GRG

[illegible]

1/4" ELCO PANELMATE (MALE OR FEMALE) ANCHOR SCHEDULE - EX 1 (RUSION 2 MOON) (IN. O.C.)	0-2.5"
HOLLOW AND GROUT-FILLED CONCRETE	

[illegible]

1/4" POWERS HOLLOW-SET DROP IN ANCHOR SCHEDULE
EXTRUSION 2 MOUNT (IN O.C.)

SPAN		4000 PSI MIN CONCRETE			HOLLOW AND GROUT-FILLED CONCRETE BLOCK		
		DESIGN PRESSURE			DESIGN PRESSURE		
		60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF
4'-0"	6.3	6.7	11.7	12.0		4.2	5.2
6'-0"	5.6	6.8	8.3	10.6			6.7
8'-0"	4.5	5.3	6.4	8.3			4.6
10'-0"		4.3		6.3	6.8		
12'-0"			4.5	5.3	5.8		
14'-0"					5.0		
16'-0"					4.8		
17'-0"					4.5		
18'-2"					4.2		

1/4" ELCO PANELMATE INSERT ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)	1/4" ELCO PANELMATE INSERT ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)	1/4" ELCO PANELMATE INSERT ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)
8" MAIN CONCRETE	8" MAIN CONCRETE	8" MAIN CONCRETE
HOLLOW CONCRETE BLOCK	HOLLOW CONCRETE BLOCK	HOLLOW CONCRETE BLOCK
GROUPE	GROUPE	GROUPE

SPAN	2100'S 30 MM CONCRETE				2100'S 40 MM CONCRETE				2100'S 50 MM CONCRETE			
	DESIGN PRESSURE		DESIGN PRESSURE		DESIGN PRESSURE		DESIGN PRESSURE					
	60 PSF	30 PSF	60 PSF	30 PSF	60 PSF	30 PSF	60 PSF	30 PSF	60 PSF	30 PSF	60 PSF	30 PSF
4'-0"	10.6	12.0	12.0	12.0	8.1	9.5	11.4	12.0	8.3	9.6	11.6	12.0
8'-0"	7.8	8.9	10.6	12.0	5.8	6.9	8.1	10.3	5.9	6.9	8.3	10.5
9'-0"	6.2	7.2	8.5	10.6	4.5	5.3	6.4	8.1	4.5	5.4	6.5	8.3
10'-0"	5.2	6.0	7.2	8.9	4.4	5.3	6.8					
12'-0"	4.5	5.2	6.2	7.8			4.5	5.8		4.5	5.6	6.9
14'-0"		4.6	5.5	6.9				5.1		4.1	5.2	
14'-6"		4.4	5.3	6.6				4.9			5.0	
16'-0"		4.1	4.9	6.2				4.5			4.6	
17'-0"			4.7	5.9				4.3			4.4	
18'-2"			4.3	5.6				4.1			4.2	

NOTE: SEE SHEET 6
FOR ANCHOR NOTES

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Y. P. E.

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	FLB	07/16/12
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"

1/4" ALL POINTS SOLID SET ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)									
3000 PSI MIN CONCRETE			HOLLOW AND GROUT-FILLED CONCRETE						
SPAN	DESIGN PRESSURE			BLOCK					
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
4'-0"	12.0	12.0	12.0	12.0	8.5	8.5	11.8	12.0	12.0
6'-0"	10.4	12.0	12.0	12.0	5.0	7.0	8.5	10.8	10.8
8'-0"	8.1	9.5	11.8	12.0	4.7	5.5	6.6	8.5	8.5
10'-0"	6.7	7.8	9.5	12.0	4.5	5.5	5.5	7.0	7.0
12'-0"	6.7	6.7	8.1	10.4	4.1	4.7	6.0	6.2	6.2
14'-0"	4.9	5.8	7.1	9.1	3.1	4.1	5.2	5.2	5.2
16'-0"	4.7	5.6	6.8	8.8	2.8	3.8	5.0	5.0	5.0
18'-2"	4.1	4.9	6.0	7.7	2.3	3.3	4.4	4.4	4.4
18'-2"	4.6	5.6	7.3					4.2	

1/4" ELCO PANELMATE TYPAS ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)									
3350 PSI MIN CONCRETE			HOLLOW AND GROUT-FILLED CONCRETE						
SPAN	DESIGN PRESSURE			BLOCK					
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
4'-0"	12.0	12.0	12.0	12.0	6.1	7.1	8.6	11.0	12.0
6'-0"	11.3	12.0	12.0	12.0	4.2	5.0	6.1	7.8	10.9
8'-0"	8.8	10.3	12.0	12.0	4.7	5.0	6.1	6.3	8.7
10'-0"	7.3	8.5	10.3	12.0	4.2	5.0	4.9	5.8	7.0
12'-0"	6.2	7.3	8.5	11.3	4.2	4.2	4.2	5.1	6.3
14'-0"	5.4	6.4	7.7	9.8	3.8	4.2	4.5	5.1	5.8
16'-0"	4.8	5.6	6.8	8.8	3.4	3.8	4.0	4.5	5.4
18'-2"	4.3	5.0	6.2	7.8	2.9	3.4	3.8	4.3	4.6
18'-2"	4.3	5.0	6.2	7.8				4.6	

1/4" POWERS STEEL DROP-IN ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)									
4000 PSI MIN CONCRETE			HOLLOW AND GROUT-FILLED CONCRETE						
SPAN	DESIGN PRESSURE			BLOCK					
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
4'-0"	12.0	12.0	12.0	12.0	8.5	8.5	11.8	12.0	12.0
6'-0"	9.6	11.2	12.0	12.0	5.0	7.0	8.5	10.8	10.8
8'-0"	7.5	8.7	10.6	12.0	4.7	5.5	6.6	8.5	8.5
10'-0"	6.1	7.2	8.7	11.2	4.5	5.5	5.5	7.0	7.0
12'-0"	6.2	6.1	7.5	9.6	4.1	4.7	6.0	6.2	6.2
14'-0"	4.5	5.3	6.6	8.4	3.1	4.1	5.2	5.2	5.2
16'-0"	4.0	4.7	5.8	7.5	2.8	3.8	5.0	5.0	5.0
17'-0"	4.5	5.5	6.7	7.1	3.3	4.3	5.4	5.4	5.4
18'-2"	4.2	5.2	6.7					4.2	

1/4" ELCO PANELMATE FEMALE ID ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)									
3350 PSI MIN CONCRETE			HOLLOW AND GROUT-FILLED CONCRETE						
SPAN	DESIGN PRESSURE			BLOCK					
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
4'-0"	12.0	12.0	12.0	12.0	5.3	6.4	7.7	9.8	12.0
6'-0"	8.1	10.6	12.0	12.0	4.8	5.5	7.0	8.7	10.9
8'-0"	7.2	8.4	10.1	12.0	4.3	5.5	6.3	7.3	8.7
10'-0"	6.0	6.8	8.4	10.6	4.8	5.5	6.3	7.3	8.7
12'-0"	5.1	6.0	7.2	8.1	4.2	4.9	5.8	7.3	8.7
14'-0"	4.5	5.2	6.3	8.0	4.2	4.2	4.9	5.8	7.3
16'-0"	4.3	5.0	6.1	7.7	4.0	4.0	4.5	5.4	6.6
18'-2"	4.2	4.7	5.6	7.2	3.8	3.8	4.3	5.1	6.1
18'-2"	4.2	4.7	5.6	7.2				4.6	

3/8" POWERS STEEL DROP-IN ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)									
4000 PSI MIN CONCRETE			HOLLOW AND GROUT-FILLED CONCRETE						
SPAN	DESIGN PRESSURE			BLOCK					
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
4'-0"	12.0	12.0	12.0	12.0	8.5	8.5	11.8	12.0	12.0
6'-0"	12.0	12.0	12.0	12.0	8.5	8.5	11.8	12.0	12.0
8'-0"	12.0	12.0	12.0	12.0	8.5	8.5	11.8	12.0	12.0
10'-0"	12.0	12.0	12.0	12.0	8.5	8.5	11.8	12.0	12.0
12'-0"	11.0	12.0	12.0	12.0	8.5	8.5	11.8	12.0	12.0
14'-0"	9.6	11.3	12.0	12.0	8.5	8.5	11.8	12.0	12.0
16'-0"	8.5	10.8	12.0	12.0	8.5	8.5	11.8	12.0	12.0
17'-0"	8.0	9.5	11.8	12.0	8.5	8.5	11.8	12.0	12.0
18'-2"	7.5	8.9	10.9	12.0	8.5	8.5	11.8	12.0	12.0

1/4" POWERS POWER-STUD ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)									
4000 PSI MIN CONCRETE			GROUT-FILLED CONCRETE BLOCK						
SPAN	DESIGN PRESSURE			DESIGN PRESSURE					
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF
4'-0"	12.0	12.0	12.0	12.0	7.8	9.1	10.8	12.0	12.0
6'-0"	9.0	10.4	12.0	12.0	5.6	6.5	7.8	9.9	12.0
8'-0"	7.0	8.2	9.9	12.0	4.4	5.1	6.2	7.8	9.9
10'-0"	5.8	6.8	8.2	10.4	4.3	5.1	6.2	7.8	9.9
12'-0"	5.0	5.8	7.0	8.0	4.4	5.1	6.2	7.8	9.9
14'-0"	4.3	5.1	6.2	7.8	4.4	5.1	6.2	7.8	9.9
16'-0"	4.2	4.9	5.9	7.6	4.4	5.1	6.2	7.8	9.9
17'-0"	4.5	5.5	7.0	7.6	4.4	5.1	6.2	7.8	9.9
18'-2"	4.1	4.9	6.3	6.7	4.2	5.1	6.2	7.8	9.9

NOTE: SEE SHEET 6 FOR ANCHOR NOTES

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SCALE: 1"=1'-0"

PAGE DESCRIPTION

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KL/FLB

DATE

07/16/12

10

1/4" ITW SAMMY SSC ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN O.C.)									
328 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	11.2	12.0	12.0	12.0	4.3	4.9	5.8	7.1	8.7
6'-0"	8.4	9.6	11.2	12.0	5.6	6.3	7.1	8.1	10.7
8'-0"	6.8	7.8	9.1	11.2	6.3	7.1	8.1	9.1	11.2
10'-0"	5.8	6.8	7.8	9.1	7.1	8.1	9.1	10.1	11.2
12'-0"	5.1	5.8	6.8	8.4	8.1	9.1	10.1	11.2	12.0
14'-0"	4.8	5.2	6.1	7.5	8.4	9.1	10.1	11.2	12.0
16'-0"	4.4	5.0	5.9	7.3	8.7	9.6	10.7	11.8	12.9
18'-0"	4.1	4.7	5.6	6.8	9.0	10.0	11.0	12.0	13.0
18'-2"	4.3	5.1	6.2	7.5	9.3	10.3	11.3	12.3	13.3

1/4" ELCO PANELMATE (MALE OR FEMALE) ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN O.C.)									
3323 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	8.3	9.4	11.0	12.0	4.5	5.5	6.4	7.2	8.5
6'-0"	6.2	7.0	8.3	10.1	5.5	6.4	7.2	8.5	10.3
8'-0"	5.0	5.7	6.7	8.3	6.4	7.2	8.5	10.3	12.0
10'-0"	4.3	4.9	5.7	7.0	7.2	8.5	10.3	12.0	13.3
12'-0"	4.0	4.6	5.4	6.2	8.5	10.3	12.0	13.3	14.6
14'-0"	3.8	4.3	5.1	5.9	9.6	10.7	11.8	12.9	14.6
16'-0"	3.5	4.0	4.8	5.6	10.7	11.8	12.9	14.6	15.7
18'-0"	3.2	3.7	4.5	5.3	11.8	12.9	14.6	15.7	16.8
18'-2"	3.4	4.0	4.8	5.6	12.0	13.3	14.6	15.7	17.0

1/4" ELCO PANELMATE INSERT ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN O.C.)									
2770 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	7.7	8.8	10.3	12.0	5.1	5.8	6.8	8.3	9.6
6'-0"	5.8	6.6	7.7	9.5	6.8	7.7	8.8	10.3	12.0
8'-0"	4.7	5.4	6.3	7.7	7.7	8.8	10.3	12.0	13.3
10'-0"	4.0	4.6	5.4	6.6	8.8	10.3	12.0	13.3	14.6
12'-0"	3.8	4.3	5.1	5.9	9.6	10.7	11.8	12.9	14.6
14'-0"	3.5	4.0	4.8	5.6	10.7	11.8	12.9	14.6	15.7
16'-0"	3.2	3.7	4.5	5.3	11.8	12.9	14.6	15.7	16.8
18'-0"	3.0	3.5	4.3	5.1	12.9	14.6	15.7	16.8	17.9
18'-2"	3.2	3.8	4.6	5.4	13.3	15.0	16.3	17.6	18.9

1/4" ELCO PANELMATE FEMALE ID ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN O.C.)									
3350 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	8.3	9.4	11.0	12.0	4.5	5.5	6.4	7.2	8.5
6'-0"	6.2	7.0	8.3	10.1	5.5	6.4	7.2	8.5	10.3
8'-0"	5.0	5.7	6.7	8.3	6.4	7.2	8.5	10.3	12.0
10'-0"	4.3	4.9	5.7	7.0	7.2	8.5	10.3	12.0	13.3
12'-0"	4.0	4.6	5.4	6.2	8.5	10.3	12.0	13.3	14.6
14'-0"	3.8	4.3	5.1	5.9	9.6	10.7	11.8	12.9	14.6
16'-0"	3.5	4.0	4.8	5.6	10.7	11.8	12.9	14.6	15.7
18'-0"	3.2	3.7	4.5	5.3	11.8	12.9	14.6	15.7	16.8
18'-2"	3.4	4.0	4.8	5.6	12.0	13.3	14.6	15.7	17.0

1/4" ALL POINTS SOLID SET ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN O.C.)									
3300 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	8.8	10.1	11.8	12.0	5.1	5.8	6.8	8.4	9.6
6'-0"	6.6	7.5	8.8	10.9	6.8	7.7	8.8	10.3	12.0
8'-0"	5.4	6.1	7.2	8.8	7.7	8.8	10.3	12.0	13.3
10'-0"	4.6	5.2	6.1	7.5	8.8	10.3	12.0	13.3	14.6
12'-0"	4.2	4.8	5.6	6.8	9.6	10.7	11.8	12.9	14.6
14'-0"	4.1	4.6	5.4	6.6	10.7	11.8	12.9	14.6	15.7
16'-0"	3.9	4.4	5.2	6.3	11.8	12.9	14.6	15.7	16.8
18'-0"	3.7	4.2	5.0	6.1	12.9	14.6	15.7	16.8	17.9
18'-2"	3.9	4.5	5.3	6.3	13.3	15.0	16.3	17.6	18.9

1/4" POWERS STEEL DROPIN ANCHOR SCHEDULE									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	8.1	9.2	10.8	12.0	5.1	5.8	6.8	8.4	9.6
6'-0"	6.0	6.8	8.1	9.6	6.8	7.7	8.8	10.3	12.0
8'-0"	4.8	5.6	6.6	8.1	7.7	8.8	10.3	12.0	13.3
10'-0"	4.2	4.8	5.6	6.8	8.8	10.3	12.0	13.3	14.6
12'-0"	4.0	4.6	5.4	6.6	9.6	10.7	11.8	12.9	14.6
14'-0"	3.8	4.4	5.2	6.3	10.7	11.8	12.9	14.6	15.7
16'-0"	3.6	4.2	5.0	6.1	11.8	12.9	14.6	15.7	16.8
18'-0"	3.4	4.0	4.8	5.9	12.9	14.6	15.7	16.8	17.9
18'-2"	3.6	4.2	5.0	6.1	13.3	15.0	16.3	17.6	18.9

1/4" POWERS POWER-SET ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN O.C.)									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	8.0	9.1	10.7	12.0	5.1	5.8	6.8	8.4	9.6
6'-0"	6.0	6.8	8.0	9.6	6.8	7.7	8.8	10.3	12.0
8'-0"	4.8	5.5	6.5	8.0	7.7	8.8	10.3	12.0	13.3
10'-0"	4.1	4.7	5.5	6.8	8.8	10.3	12.0	13.3	14.6
12'-0"	4.0	4.6	5.4	6.6	9.6	10.7	11.8	12.9	14.6
14'-0"	3.8	4.4	5.2	6.3	10.7	11.8	12.9	14.6	15.7
16'-0"	3.6	4.2	5.0	6.1	11.8	12.9	14.6	15.7	16.8
18'-0"	3.4	4.0	4.8	5.9	12.9	14.6	15.7	16.8	17.9
18'-2"	3.6	4.2	5.0	6.1	13.3	15.0	16.3	17.6	18.9

1/4" POWERS HOLLOW-SET DROPIN ANCHOR SCHEDULE									
4000 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	8.0	9.1	10.7	12.0	5.1	5.8	6.8	8.4	9.6
6'-0"	6.0	6.8	8.0	9.6	6.8	7.7	8.8	10.3	12.0
8'-0"	4.8	5.5	6.5	8.0	7.7	8.8	10.3	12.0	13.3
10'-0"	4.1	4.7	5.5	6.8	8.8	10.3	12.0	13.3	14.6
12'-0"	4.0	4.6	5.4	6.6	9.6	10.7	11.8	12.9	14.6
14'-0"	3.8	4.4	5.2	6.3	10.7	11.8	12.9	14.6	15.7
16'-0"	3.6	4.2	5.0	6.1	11.8	12.9	14.6	15.7	16.8
18'-0"	3.4	4.0	4.8	5.9	12.9	14.6	15.7	16.8	17.9
18'-2"	3.6	4.2	5.0	6.1	13.3	15.0	16.3	17.6	18.9

1/4" ELCO PANELMATE TYPAS ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN O.C.)									
3350 PSI MIN CONCRETE					HOLLOW AND GROUT FILLED CONCRETE BLOCK				
DESIGN PRESSURE					DESIGN PRESSURE				
SPAN	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	20 PSF
4'-0"	9.8	11.2	12.0	12.0	4.7	5.3	6.3	7.2	8.5
6'-0"	7.3	8.3	9.8	12.0	5.3	6.3	7.2	8.5	10.3
8'-0"	5.8	6.8	8.0	9.8	6.3	7.2	8.5	10.3	12.0
10'-0"	5.0	5.8	6.8	8.3	7.2	8.5	10.3	12.0	13.3
12'-0"	4.4	5.0	5.9	7.3	8.5	10.3	12.0	13.3	14.6
14'-0"	4.5	5.3	6.3	7.5	9.6	10.7	11.8	12.9	14.6
16'-0"	4.4	5.1	6.1	7.3	10.7	11.8	12.9	14.6	15.7
18'-0"	4.1	4.8	5.8	7.0	11.8	12.9	14.6	15.7	16.8
18'-2"	4.4	5.1	6.1	7.3	12.0	13.3	14.6	15.7	17.0

NOTE: SEE SHEET 6
FOR ANCHOR NOTES

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