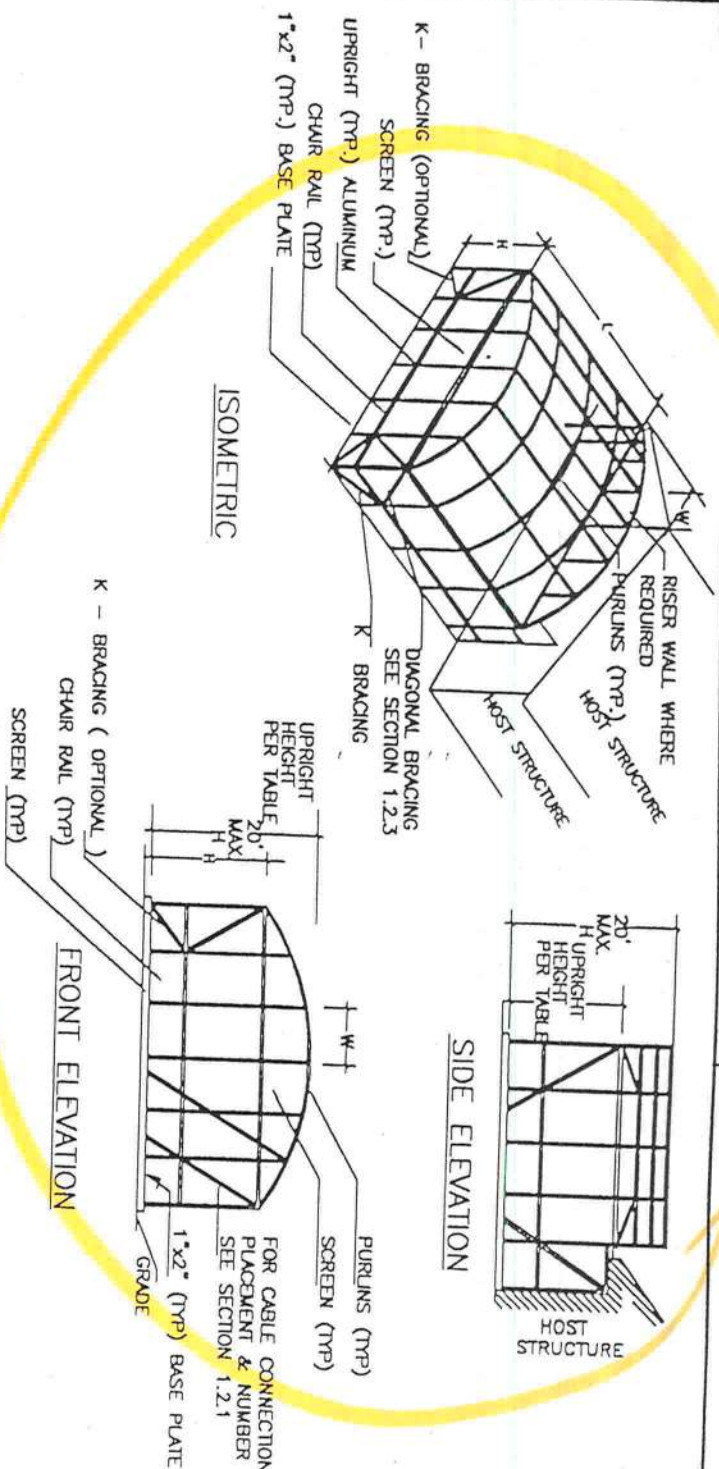


SECTION 1.1.1 DOME SCREEN ENCLOSURES



TYPICAL DOME ROOF

APPLIES

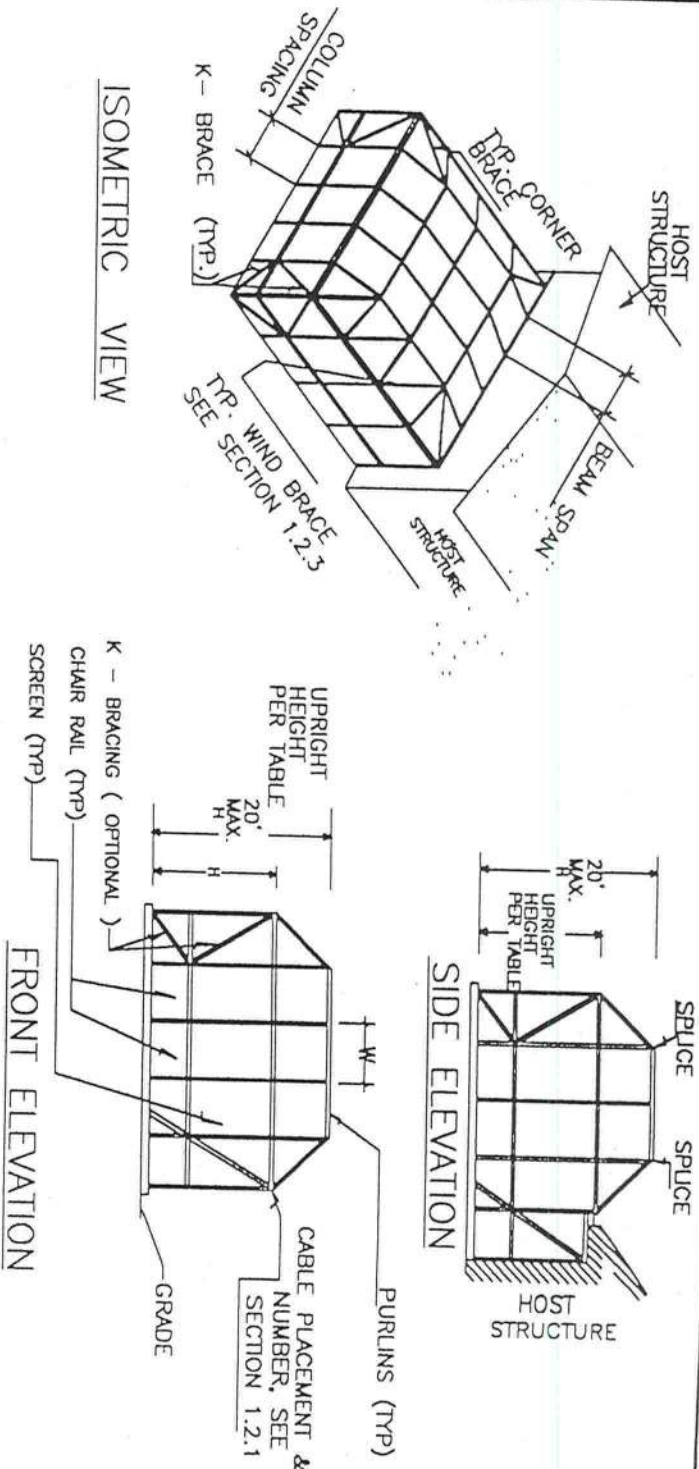
- 1) DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2001 AS AMENDED AND ASCE 7-98 FOR THE WIND LOAD ON THE ATTACHED TABLES.
 - 2) ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40' SPAN, PROJECTION FROM THE HOST STRUCTURE WILL REQUIRE SITE SPECIFIC ENGINEERING IN AREA WHERE SCREEN ENCLOSURE MASTER FILING IS IN EFFECT.
 - 3) STRUCTURAL DETAIL DRAWING SHALL RELATE TO 6063-T6 OR 6061-T5 ALUMINUM EXTRUSIONS, WITH AN ACTUAL WALL THICKNESS OF NOT LESS THAN 0.040 INCH
 - 4) ALUMINUM SURFACES IN CONTACT WITH LIME-MORTAR, CONCRETE OR OTHER MASONRY MATERIALS, SHALL BE PROTECTED WITH ALKALI-RESISTANT COATINGS, SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER - WHITE METHACRYLATE LIQUEUR
 - 5) ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL AND MASONRY PAINT, OR HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR THE ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH HIGH QUALITY CAULKING COMPOUND
 - 6) ALL FASTENERS WILL BE 24" C - C MAX. UNLESS OTHERWISE NOTED
- 7) NO OPEN AREA BETWEEN ALUMINUM SHALL EXCEED 56 S.F.
 - 8) ALL SCREEN ENCLOSURE DOORS SHALL BE SELF LATCHING AND CLOSING DOORS AND MAY BE LOCATED INTO ANY SCREEN PANEL OPENING
 - 9) DISTANCE BETWEEN PURLINS SHALL NOT EXCEED 84 INCHES
 - 10) ALL PURLINS AND CHAIR RAILS WILL BE 2"x2"x0.044" HOLLOW BEAM AND ATTACHED WITH MIN. OF 3 SCREWS INTO SCREW BOSS EACH SIDE
 - 11) ENCLOSURE MUST BE GROUNDED AND BONDED IN ACCORDANCE WITH N.E.C.
 - 12) NO UNAPPROVED APPENDICES OR ACCESSORIES MAY BE ATTACHED TO ANY ALUMINUM MEMBERS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER
 - 13) WHEN 6061-T5 ALUMINUM ALLOY IS USED IN A STRUCTURE FOR UPRIGHTS, BEAMS, KNEE BRACES, WIND BRACES, & K-BRACES, 6063-T6 ALUMINUM ALLOY MAY BE USED FOR PURLINS, CHAIR RAILS, TOP PLATES, AND BOTTOM PLATES

APPLIES

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SECTION 1.1.2 MANSARD SCREEN ENCLOSURES



TYPICAL MANSARD SCREEN ENCLOSURE

APPLIES

- 1) DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2001 AS AMENDED AND ASCE 7-98 FOR THE WIND LOAD ON THE ATTACHED TABLES.
 - 2) ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40' SPAN, PROJECTION FROM THE HOST STRUCTURE WILL REQUIRE SITE SPECIFIC ENGINEERING IN AREA WHERE SCREEN ENCLOSURE MASTER FILING IS IN EFFECT.
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 - 5) ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL AND MASONRY PAINT, OR HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR THE ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH HIGH QUALITY CAULKING COMPOUND
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 - 9) DISTANCE BETWEEN PURLINS SHALL NOT EXCEED 84 INCHES
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 - 12) NO UNAPPROVED APPENDICES OR ACCESSORIES MAY BE ATTACHED TO ANY ALUMINUM MEMBERS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER
 - 13) WHEN 6061-T5 ALUMINUM ALLOY IS USED IN A STRUCTURE FOR UPRIGHTS, BEAMS, KNEE BRACES, WIND BRACES, & K-BRACES, 6063-T6 ALUMINUM ALLOY MAY BE USED FOR PURLINS, CHAIR RAILS, TOP PLATES, AND BOTTOM PLATES

APPLIES

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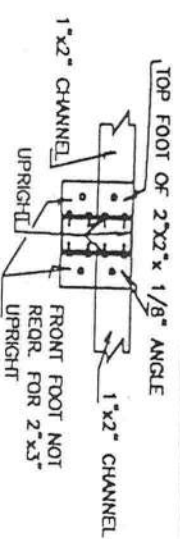
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JUN 10 2004

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FLORIDA P.E. 10333

SECTION 1.1.3	SPLICE GABLE	SCREEN ENCLOSURES	
ISOMETRIC NOTE: SPLICE (USE COLLAR TIE.) 20' MAX UPRIGHT HEIGHT PER TABLE 20' MAX UPRIGHT HEIGHT PER TABLE ALUMINUM BEAM HOST STRUCTURE CHAIR RAIL PURLINS (TYP) SIDE ELEVATION CABLE PLACEMENT & NUMBER, SEE SECTION 1.2.1 FRONT ELEVATION K - BRACING (OPTIONAL) CHAIR RAIL (TYP) SCREEN (TYP)			
TYPICAL SPLICE GABLE ROOF			
(STANDARDS)			
1) DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2001 AS AMENDED AND ASCE 7-98 FOR THE WIND LOAD ON THE ATTACHED TABLES. 2) ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40' SPAN, PROJECTION FROM THE HOST STRUCTURE WILL REQUIRE SITE SPECIFIC ENGINEERING IN AREA WHERE SCREEN ENCLOSURE MASTER FILING IS IN EFFECT. 3) STRUCTURAL DETAIL DRAWING SHALL RELATE TO 6063-T6 OR 6061-T5 ALUMINUM EXTRUSIONS, WITH AN ACTUAL WALL THICKNESS OF NOT LESS THAN 0.040 INCH 4) ALUMINUM SURFACES IN CONTACT WITH LIME-MORTAR, CONCRETE OR OTHER MASONRY MATERIALS, SHALL BE PROTECTED WITH ALKAL-RESISTANT COATINGS, SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER - WHITE METHACRYLATE LIQUEUR 5) ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL AND MASONRY PAINT, OR HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR THE ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH HIGH QUALITY CAULKING COMPOUND 6) ALL FASTENERS WILL BE 24" C - C MAX. UNLESS OTHERWISE NOTED			
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APPLIES			
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SECTION 1.1.4	FLAT	SCREEN ENCLOSURES	
ISOMETRIC 20' MAX UPRIGHT HEIGHT PER TABLE 20' MAX UPRIGHT HEIGHT PER TABLE ALUMINUM BEAM HOST STRUCTURE CHAIR RAIL PURLINS (TYP) SIDE ELEVATION CABLE PLACEMENT & NUMBER SEE SECTION 1.2.1 FRONT ELEVATION K - BRACING (OPTIONAL) CHAIR RAIL (TYP) SCREEN (TYP)			
TYPICAL FLAT ROOF			
(STANDARDS)			
1) DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2001 AS AMENDED AND ASCE 7-98 FOR THE WIND LOAD ON THE ATTACHED TABLES. 2) ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40' SPAN, PROJECTION FROM THE HOST STRUCTURE WILL REQUIRE SITE SPECIFIC ENGINEERING IN AREA WHERE SCREEN ENCLOSURE MASTER FILING IS IN EFFECT. 3) STRUCTURAL DETAIL DRAWING SHALL RELATE TO 6063-T6 OR 6061-T5 ALUMINUM EXTRUSIONS, WITH AN ACTUAL WALL THICKNESS OF NOT LESS THAN 0.040 INCH 4) ALUMINUM SURFACES IN CONTACT WITH LIME-MORTAR, CONCRETE OR OTHER MASONRY MATERIALS, SHALL BE PROTECTED WITH ALKAL-RESISTANT COATINGS, SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER - WHITE METHACRYLATE LIQUEUR 5) ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL AND MASONRY PAINT, OR HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR THE ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH HIGH QUALITY CAULKING COMPOUND 6) ALL FASTENERS WILL BE 24" C - C MAX. UNLESS OTHERWISE NOTED			
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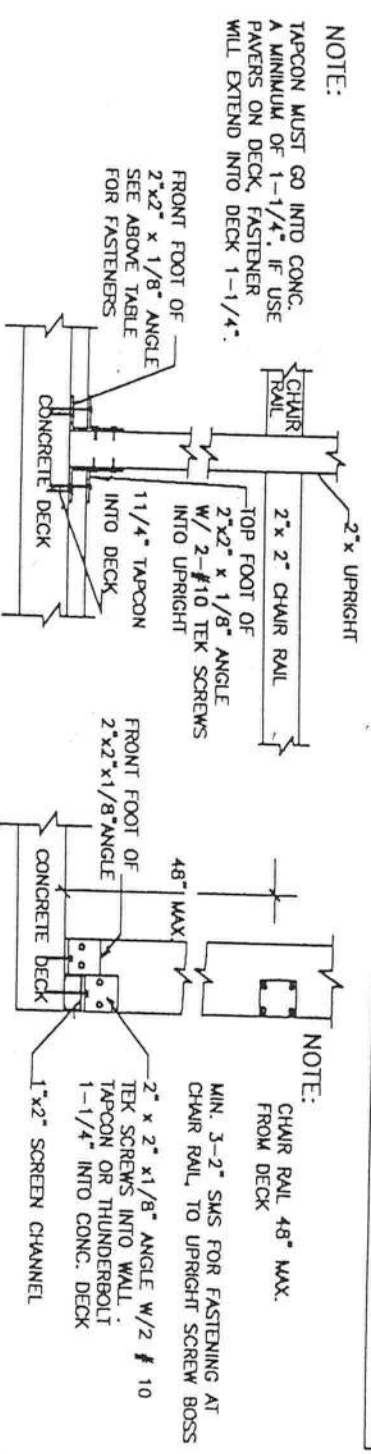


PLAN VIEW (N.T.S.)

NOTE: USED WITH ALL SCREEN TYPES

UPRIGHT SIZES	FRONT FOOT TABLE
1/4" TAPCON EACH SIDE	x4 1 2 2 3 3 4 4
#10 TEK SCREWS EACH SIDE	2 4 4 6 6 8 8
CHECK ONE	

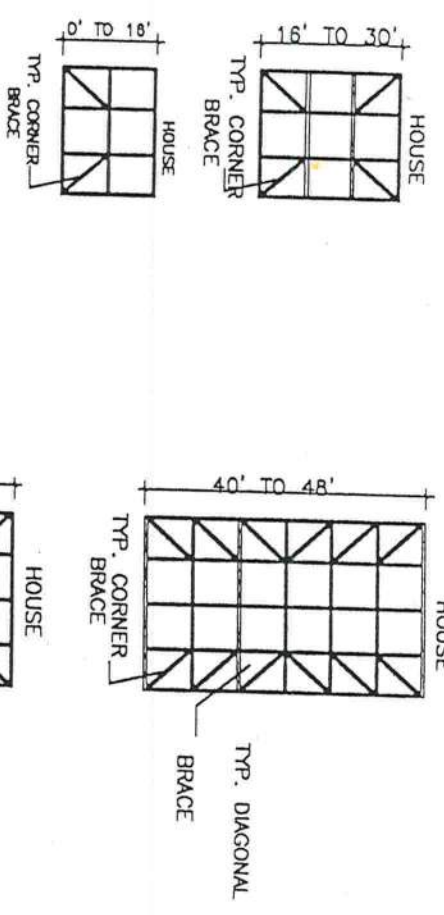
SELECT LOADBearing UPRIGHT SIZES



FRONT ELEVATION SIDE ELEVATION
TYPICAL DECK PLATE & POST CONNECTION

APPLIES

NOTE: WIND BRACING SHALL NOT BE REQUIRED WHERE BEAMS AND PURLINS ARE LATERALLY SUPPORTED BY CONNECTION TO HOST STRUCTURE.



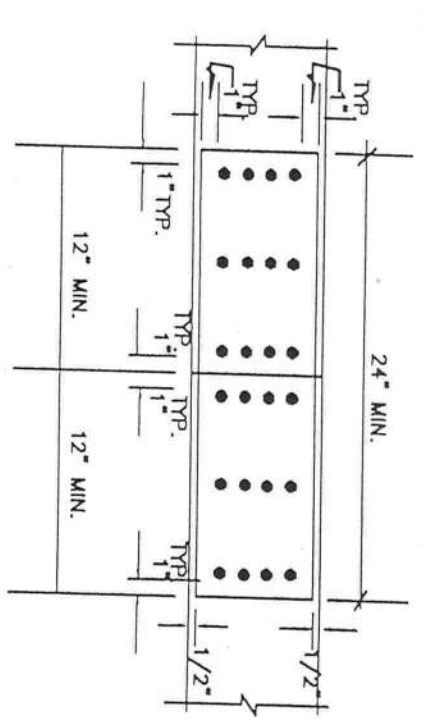
PLAN VIEW (N.T.S.)

WIND BRACING DETAIL

APPLIES

SPLICE PLATE SHALL BE MIN. 24 INCHES LONG, 1 INCH LESS HEIGHT THAN THE BEAM THE SAME THICKNESS AS THE SPLICE BEAM, AND LOCATED NO GREATER THAN 1/3 THE BEAM LENGTH FROM THE END AND LOCATED ON OPPOSITE ENDS OF THE MATED BEAM

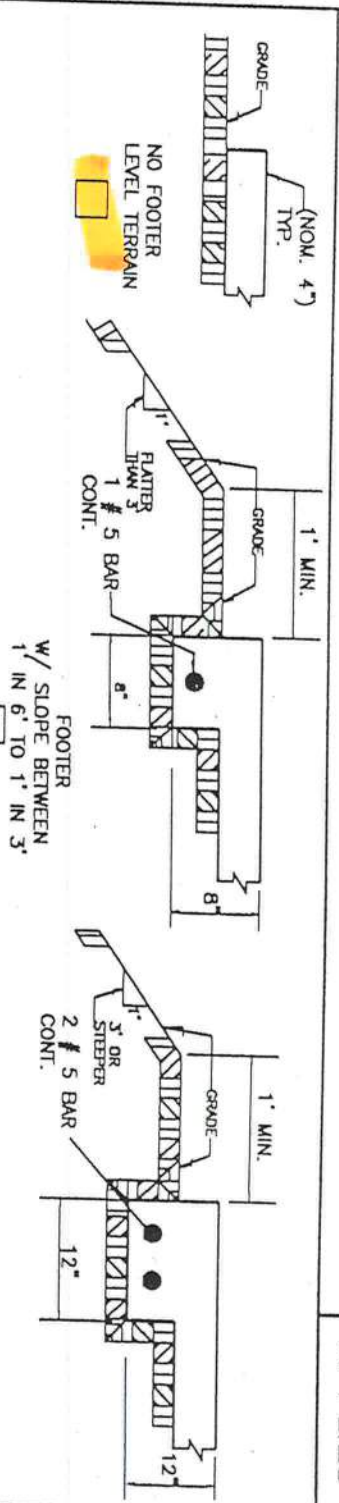
MINIMUM 12-#10 TEK SCREWS ON EACH SIDE OF THE CUT EVENLY SPACED WITH 1 INCH CLEARANCE AT THE CUT AND ALL SIDES OF THE INTERNAL SPLICE PLATE



SPLICE FOR BEAM SHALL BE ON OPPOSITE ENDS OF THE MATED BEAM.

BEAM SPLICE

APPLIES



WHERE THERE IS NO DECK USED 8"x8" CONCRETE RIBBON FOOTER W/ 1#5 REBAR CONTINUOUS TO SUPPORT UP TO 2" x 6" UPRIGHT

8"x12" CONCRETE RIBBON FOOTER W/ 2#5 REBARS CONTINUOUS TO SUPPORT UPRIGHTS LARGER THAN 2" x 6"

- FOOTER SHALL BEAR ON ROCK, CLEAN SAND, OR STRUCTURALLY SOUND SOIL (>1500 PSI) THAT SHALL BE COMPACTED TO PROVIDE OPTIMUM BEARING CAPACITY TO PREVENT SETTLING.
- CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 2,500 PSI W/ FIBER MESH OR 6x6-10x10 W W MESH.
- 3 - #5 BARS IS EQUIVALENT TO 1 #5 BARS.

TYPICAL SCREEN DECK FOOTER DETAIL

APPLIES

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SECTION 1.2.5

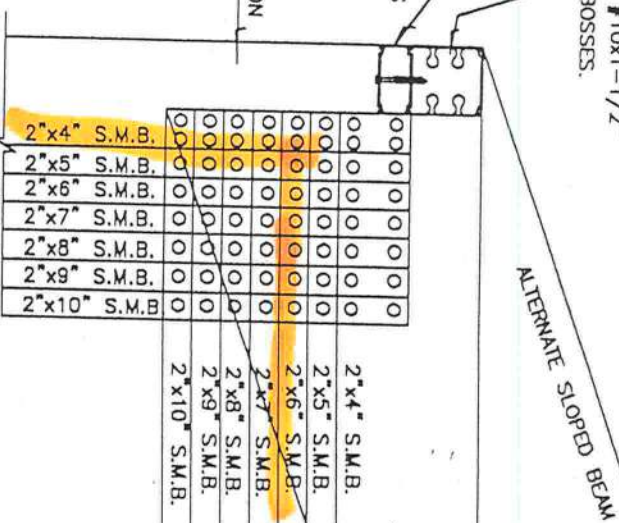
DETAILS

SCREEN ENCLOSURES

2"x2" PURLINS ATTACH TO BEAMS WITH MIN.(3) #10x1-1/2" S.M.S. INTO SCREW BOSSSES.

1"x2" SNAP SECTIONS ATTACHED TO 2"x2" W/ #10 x 1-1/2" S.M.S. @ 24" O.C. OR CONTINUOUS SNAP SECTIONS

BEAM OVERLAP CONNECTION OR GUSSET PLATE



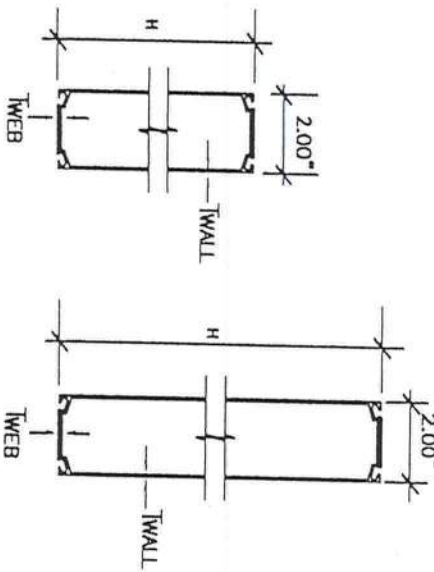
		BEAMS									
		2x4	2x5	2x6	2x7	2x8	2x9	2x10			
UPRIGHT	2x4	4	6	8	10	X	X	X			
	2x5	6	9	12	15	18	X	X			
	2x6	8	12	16	20	24	28	X			
	2x7	10	15	20	25	30	35	X			
	2x8	12	18	24	30	36	42	48			
	2x9	14	21	28	35	42	49	56			
	2x10	16	24	32	40	48	56	64			

TABLE OF 2-1 #10 TEK SCREWS
X- NO CONNECTION ALLOWED

BEAM OVERLAP OR GUSSET PLATE CONNECTION

APPLIES

ALUMINUM			
PHYSICAL PROPERTIES			
2xH	TWALL	TWEB	SECTION MODULUS (IN ³)
2x4	0.0444	0.100	0.959
2x5	0.050	0.100	1.468
2x6	0.050	0.120	1.965
2x7	0.055	0.120	3.119
2x8	0.072	0.224	4.157
2x9	0.072	0.224	5.910
2x10	0.092	0.369	8.531



HOLLOW BEAM TABLE

SNAP EXTRUSION

SELF MATING BEAM

ALUMINUM PHYSICAL PROPERTIES

APPLIES

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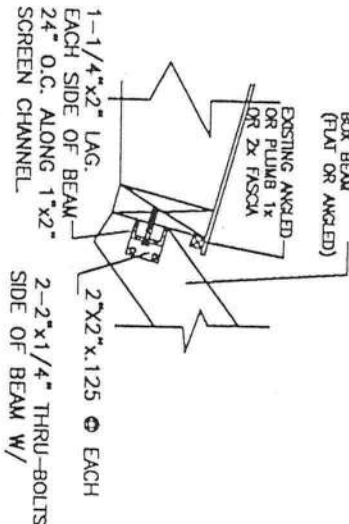
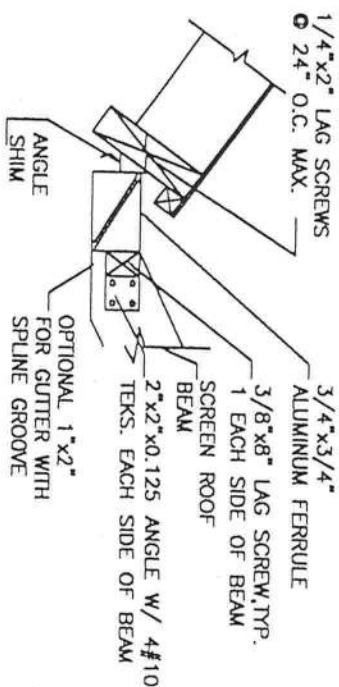
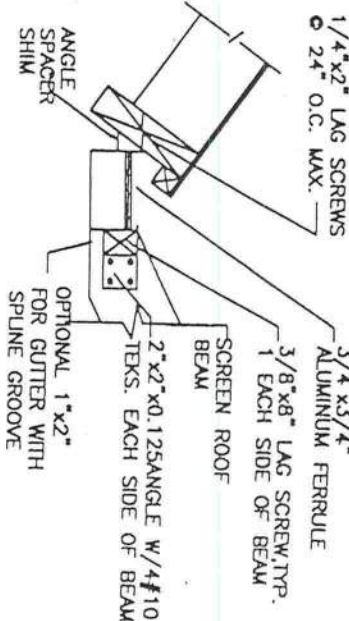
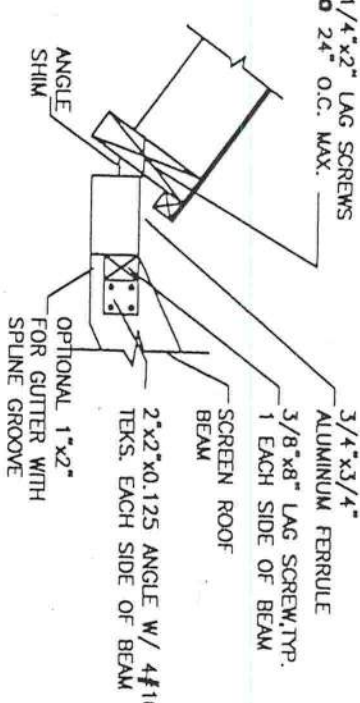
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SECTION 1.2.6

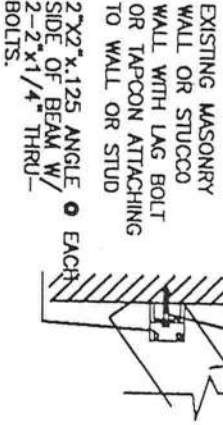
DETAILS

SCREEN ENCLOSURES

1/4"x2" LAG SCREWS @ 24" O.C. MAX.



BOX BEAM (FLAT OR ANGLED)
1"x2" OR 2"x2" PURLIN WITH TAPCON OR #10-3" SCREW 24" O.C. WITH 1 TAPCON OR #10-3" SCREW THRU 2"x2" ANGLE INTO WALL ON EACH SIDE OF BEAM



BEAM TO STRUCTURAL GUTTER DETAILS & TO FASCIA / WALL

APPLIES

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SECTION	SPAN	SCREEN ENCLOSURES	DOME-FLAT
1.3.1.100 B	TABLES		6063-T6 100 M.P.H.

ALUMINUM ALLOY : 6063-T6										WIND ZONE : 100 MPH											
MAX. SPANS FOR ROOF BEAMS										MAX. SPANS FOR WALL UPRIGHTS											
FOR SCREEN & POOL ENCLOSURES , EXPOSURE B										FOR SCREEN & POOL ENCLOSURES											
ALL WIND SPEEDS PRESSURE 10 PSF										EXPOSURE B											
MEAN ROOF HEIGHT = 20 FT OR LESS										MEAN ROOF HEIGHT = 20 FT OR LESS											
ROOF STYLE : DOME - FLAT										WALL UPRIGHTS											
					ROOF SPACING										UPRIGHT SPACING						
					4	5	6	7	8	9						4	5	6	7	8	9
SPANS										SPANS											
2 X 4 - 0 KNEES					163	151	142	136	1210	124	2 X 4 - 0 KNEES					163	151	142	136	1210	124
2 X 4 - 1 KNEE					203	191	182	176	1610	164	2 X 4 - 1 KNEE					203	191	182	176	1610	164
2 X 4 - 2 KNEES					243	231	222	216	2010	204											
2 X 5 - 0 KNEES					202	188	177	169	160	154	2 X 5 - 0 KNEES					202	188	177	169	160	154
2 X 5 - 1 KNEE					242	223	217	209	200	194	2 X 5 - 1 KNEE					242	223	217	209	200	194
2 X 5 - 2 KNEES					282	263	257	249	240	234											
2 X 6 - 0 KNEES					237	2110	207	197	189	180	2 X 6 - 0 KNEES					237	2110	207	197	189	180
2 X 6 - 1 KNEE					277	2510	247	237	229	220	2 X 6 - 1 KNEE					277	2510	247	237	229	220
2 X 6 - 2 KNEES					317	2910	287	277	269	260											
2 X 7 - 0 KNEES					2811	2611	254	240	230	221	2 X 7 - 0 KNEES					2811	2611	254	240	230	221
2 X 7 - 1 KNEE					3211	3011	294	280	270	261	2 X 7 - 1 KNEE					3211	3011	294	280	270	261
2 X 7 - 2 KNEES					3611	3411	334	320	310	301											
2 X 8 - 0 KNEES					334	3011	291	278	265	255	2 X 8 - 0 KNEES					334	3011	291	278	265	255
2 X 8 - 1 KNEE					374	3411	331	318	305	295	2 X 8 - 1 KNEE					374	3411	331	318	305	295
2 X 8 - 2 KNEES					414	3811	371	358	345	335											
2 X 9 - 0 KNEES					390	362	340	324	3011	299	2 X 9 - 0 KNEES					390	362	340	324	3011	299
2 X 9 - -1 KNEE					430	402	380	364	3411	339	2 X 9 - -1 KNEE					430	402	380	364	3411	339
2 X 9 - 2 KNEES					470	442	420	404	3811	379											
2 X 10 - 0 KNEES					457	424	3910	3710	363	3410	2 X 10 - 0 KNEES					457	424	3910	3710	363	3410
2 X 10 - 1 KNEE					497	464	4310	4110	403	3810	2 X 10 - 1 KNEE					497	464	4310	4110	403	3810
2 X 10 - 2 KNEES					537	504	4710	4510	443	4210											
Interpolation between spans is permitted.																					

NOTE 1: Roof spans are figured for knee braces of 4ft on the horizontal. The difference in the knee brace length of less than 4ft on the horizontal must be deducted from the span.

NOTE 2: Wall spans are figured for knee braces of 4ft on the vertical. The difference in the knee brace length of less than 4ft on the vertical must be deducted from the span.

APPLIES

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SECTION SPAN SCREEN ENCLOSURES MANSARD-SPLICE GABLE

1.3.2.110 B TABLES 6063-T6 110 M.P.H.

ALUMINUM ALLOY : 6063-T6										WIND ZONE : 110 MPH									
MAX. SPANS FOR ROOF BEAMS					MAX. SPANS FOR WALL UPRIGHTS					MAX. SPANS FOR ROOF BEAMS					MAX. SPANS FOR WALL UPRIGHTS				
FOR SCREEN & POOL ENCLOSURES, EXPOSURE B					FOR SCREEN & POOL ENCLOSURES					FOR SCREEN & POOL ENCLOSURES					FOR SCREEN & POOL ENCLOSURES				
ALL WIND SPEEDS PRESSURE 10 PSF					EXPOSURE B					EXPOSURE B					EXPOSURE B				
MEAN ROOF HEIGHT = 20 FT OR LESS					MEAN ROOF HEIGHT = 20 FT OR LESS					MEAN ROOF HEIGHT = 20 FT OR LESS					MEAN ROOF HEIGHT = 20 FT OR LESS				
ROOF STYLE : MANSARD - SPLICE GABLE										WALL UPRIGHTS									
ROOF SPACING					UPRIGHT SPACING					ROOF SPACING					UPRIGHT SPACING				
SPANS					SPANS					SPANS					SPANS				
2 X 4 - CLEAR SPAN					2 X 4 - CLEAR SPAN					2 X 4 - CLEAR SPAN					2 X 4 - CLEAR SPAN				
2 X 4 - 1 SPLICE					2 X 4 - CLEAR SPAN					2 X 4 - CLEAR SPAN					2 X 4 - CLEAR SPAN				
2 X 4 - 2 SPLICES					2 X 4 - CLEAR SPAN					2 X 4 - CLEAR SPAN					2 X 4 - CLEAR SPAN				
2 X 5 - CLEAR SPAN					2 X 5 - CLEAR SPAN					2 X 5 - CLEAR SPAN					2 X 5 - CLEAR SPAN				
2 X 5 - 1 SPLICE					2 X 5 - CLEAR SPAN					2 X 5 - CLEAR SPAN					2 X 5 - CLEAR SPAN				
2 X 5 - 2 SPLICES					2 X 5 - CLEAR SPAN					2 X 5 - CLEAR SPAN					2 X 5 - CLEAR SPAN				
2 X 6 - CLEAR SPAN					2 X 6 - CLEAR SPAN					2 X 6 - CLEAR SPAN					2 X 6 - CLEAR SPAN				
2 X 6 - 1 SPLICE					2 X 6 - CLEAR SPAN					2 X 6 - CLEAR SPAN					2 X 6 - CLEAR SPAN				
2 X 6 - 2 SPLICES					2 X 6 - CLEAR SPAN					2 X 6 - CLEAR SPAN					2 X 6 - CLEAR SPAN				
2 X 7 - CLEAR SPAN					2 X 7 - CLEAR SPAN					2 X 7 - CLEAR SPAN					2 X 7 - CLEAR SPAN				
2 X 7 - 1 SPLICE					2 X 7 - CLEAR SPAN					2 X 7 - CLEAR SPAN					2 X 7 - CLEAR SPAN				
2 X 7 - 2 SPLICES					2 X 7 - CLEAR SPAN					2 X 7 - CLEAR SPAN					2 X 7 - CLEAR SPAN				
2 X 8 - CLEAR SPAN					2 X 8 - CLEAR SPAN					2 X 8 - CLEAR SPAN					2 X 8 - CLEAR SPAN				
2 X 8 - 1 SPLICE					2 X 8 - CLEAR SPAN					2 X 8 - CLEAR SPAN					2 X 8 - CLEAR SPAN				
2 X 8 - 2 SPLICES					2 X 8 - CLEAR SPAN					2 X 8 - CLEAR SPAN					2 X 8 - CLEAR SPAN				
2 X 9 - CLEAR SPAN					2 X 9 - CLEAR SPAN					2 X 9 - CLEAR SPAN					2 X 9 - CLEAR SPAN				
2 X 9 - 1 SPLICE					2 X 9 - CLEAR SPAN					2 X 9 - CLEAR SPAN					2 X 9 - CLEAR SPAN				
2 X 9 - 2 SPLICES					2 X 9 - CLEAR SPAN					2 X 9 - CLEAR SPAN					2 X 9 - CLEAR SPAN				
2 X 10 - CLEAR SPAN					2 X 10 - CLEAR SPAN					2 X 10 - CLEAR SPAN					2 X 10 - CLEAR SPAN				
2 X 10 - 1 SPLICE					2 X 10 - CLEAR SPAN					2 X 10 - CLEAR SPAN					2 X 10 - CLEAR SPAN				
2 X 10 - 2 SPLICES					2 X 10 - CLEAR SPAN					2 X 10 - CLEAR SPAN					2 X 10 - CLEAR SPAN				
Interpolation between spans is permitted.										Interpolation between spans is permitted.									

NOTE 1: Roof spans are figured for knee braces of 4ft on the horizontal. The difference in the knee brace length of less than 4ft on the horizontal must be deducted from the span.

NOTE 2: Wall spans are figured for knee braces of 4ft on the vertical. The difference in the knee brace length of less than 4ft on the vertical must be deducted from the span.

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APPLIES

SECTION SPAN SCREEN ENCLOSURES MANSARD-SPLICE GABLE

1.3.2.120 B TABLES 6063-T6 120 M.P.H.

ALUMINUM ALLOY : 6063-T6										WIND ZONE : 120 MPH									
MAX. SPANS FOR ROOF BEAMS										MAX. SPANS FOR WALL UPRIGHTS									
FOR SCREEN & POOL ENCLOSURES, EXPOSURE B										FOR SCREEN & POOL ENCLOSURES									
ALL WIND SPEEDS PRESSURE 10 PSF										EXPOSURE B									
MEAN ROOF HEIGHT = 20 FT OR LESS										MEAN ROOF HEIGHT = 20 FT OR LESS									
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2 X 4 - CLEAR SPAN										2 X 4 - CLEAR SPAN									
2 X 4 - 1 SPLICE										2 X 4 - 1 SPLICE									
2 X 4 - 2 SPLICES										2 X 4 - 2 SPLICES									
2 X 5 - CLEAR SPAN										2 X 5 - CLEAR SPAN									
2 X 5 - 1 SPLICE										2 X 5 - 1 SPLICE									
2 X 5 - 2 SPLICES										2 X 5 - 2 SPLICES									
2 X 6 - CLEAR SPAN										2 X 6 - CLEAR SPAN									
2 X 6 - 1 SPLICE										2 X 6 - 1 SPLICE									
2 X 6 - 2 SPLICES										2 X 6 - 2 SPLICES									
2 X 7 - CLEAR SPAN										2 X 7 - CLEAR SPAN									
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2 X 8 - 2 SPLICES										2 X 8 - 2 SPLICES									
2 X 9 - CLEAR SPAN										2 X 9 - CLEAR SPAN									
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2 X 9 - 2 SPLICES										2 X 9 - 2 SPLICES									
2 X 10 - CLEAR SPAN										2 X 10 - CLEAR SPAN									
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Interpolation between spans is permitted.										Interpolation between spans is permitted.									

NOTE 1: Roof spans are figured for knee braces of 4ft on the horizontal. The difference in the knee brace length of less than 4ft on the horizontal must be deducted from the span.

NOTE 2: Wall spans are figured for knee braces of 4ft on the vertical. The difference in the knee brace length of less than 4ft on the vertical must be deducted from the span.

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NOTE 1: Roof spans are figured for knee braces of 4ft on the horizontal. The difference in the knee brace length of less than 4ft on the horizontal must be deducted from the span.

NOTE 2: Wall spans are figured for knee braces of 4ft on the vertical. The difference in the knee brace length of less than 4ft on the vertical must be deducted from the span.

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