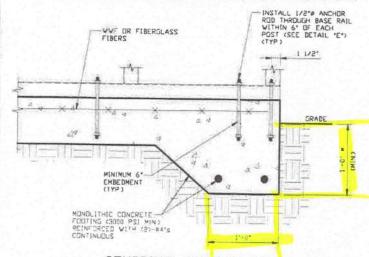
OPTIONAL FOUNDATION ANCHORAGE FOR LOW AND HIGH WIND SPEED



30

CONCRETE MONDLITHIC BASE RAIL ANCHURAGE

MINIMUM ANCHOR EDGE DISTANCE IS 1 1/2*
* COORDINATE WITH LOCAL CODES/ORD
RESARDING MINIMUM FROST DEPTH REC

GENERAL NOTES

NOTE CONCRETE MONOLITHIC SLAB DESIGN ON MINIMUM SOIL BEARING CAPACITY OF 1,500 PSF

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS

COVER OVER REINFORCING STEEL!

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318

3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2 INCHES ELSEWHERE

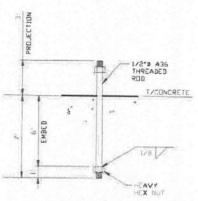
REINFORCING STEEL

THE TURNDOWN REINFORCING STEEL SHALL BE ASTM AGIS GRADE 60 THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM AGS OR FIBERGLASS FIBER REINFORCEMENT

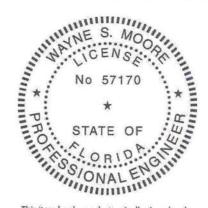
REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED

1 REINFORCEMENT IS BENT COLD
2 THE DIAMETER OF THE BEND MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS
3 REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT

BE FIELD BENT



ANCHOR ROD THROUGH BASE RAIL DETAIL 3D



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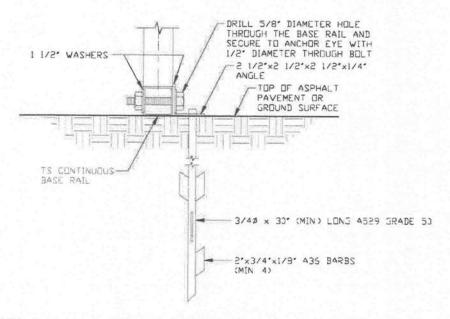
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CHECKED BY: PDH	LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EXP.			2025		
PROJECT MGR: WSM	DATE: 7-29-21 SCALE: NTS 173005/203					
CLIENT: TBS	SHT. 9A	DVG. ND: SK-3		REV. 6		

BASE RAIL ANCHORAGE OPTION



ASPHALT BASE ANCHORAGE (HP 9 BARBED DRIVE ANCHOR)

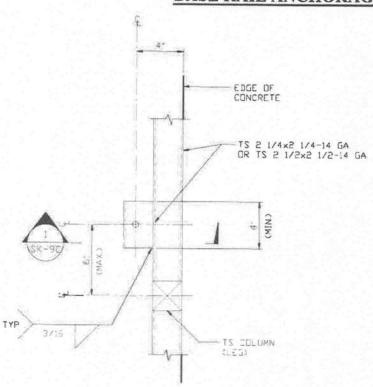
SCALE NTS
(CAN BE USED FOR ASPHALT)
* COORDINATE WITH LOCAL CODES/ORD
REGARDING MINIMUM FROST DEPTH RED

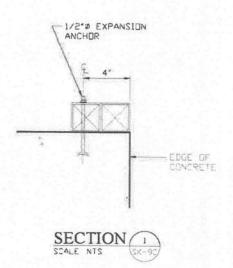


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	PROJECT MGR: VSM	Property and the second	Alerenja Pilos Alina - Al	JUB ND: 16022S/ 17300S/20352S

BASE RAIL ANCHORAGE OPTIONS





TYPICAL ANCHOR DETAIL WHEN BASE RAIL IS NEAR EDGE OF CONCRETE

STALF NIS



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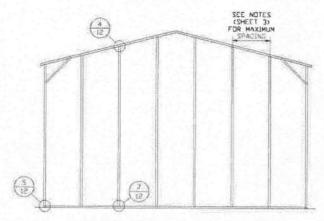
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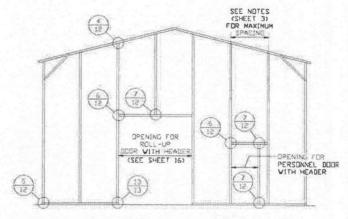
4	CLIENT: TBS	SHT. 9C	DWG. ND: SK-3		REV. 6		
	PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS		ND: 16022\$/ 00\$/20352\$	1	
	CHECKED BY: PDH		2025 ING EXP. B				
	DRAWN BY: JG	63	631 SE INDUSTRIAL CIRCLE LAKE CITY, FLORIDA 32025				

BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



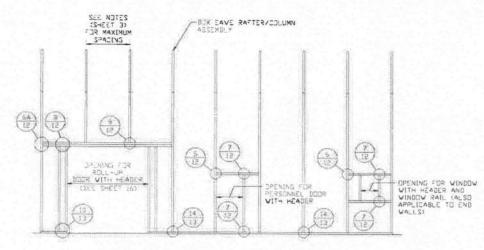
TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

SCALE: NTS



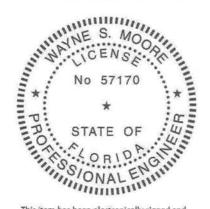
TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE NTS



TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE NTS



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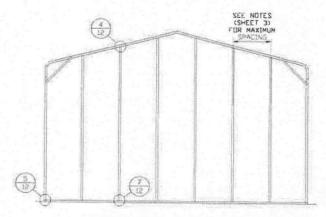
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CHECKED BY: PDH	LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EXP. B					
PROJECT MGR: VSM			ND 160225/ 005/203525			
CLIENT: TBS	SHT. 10	DVG. NO SK-3		REVJ 6		

BOW RAFTER END WALL AND SIDE WALL OPENINGS



TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

SEE NOTES
(SHEET 3)
FOR MAXIMUM
SPACING

DPENING FOR
ROLL-UP
DOOR WITH HEADER
(SEE SHEET 163)

12

13

13

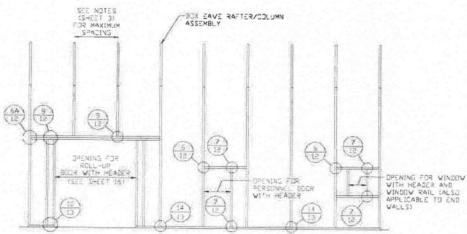
12

13

13

TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS



TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE NTS



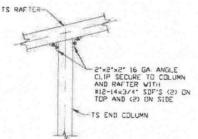
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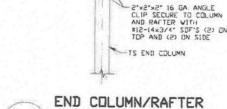
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the print the state of the stat	ra i
BE SUBJECT TO LEGAL ACTION	

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PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS	JUB ND: 16022S/ 17300S/20352S	
CI IENT, TRS	SHT. 11	DWG, ND: SK-3	REV. 6	

CONNECTION DETAILS



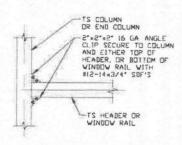


TS COLUMN (CORNER) MINIMUM 6' LONG, MINIMUM IS GA. TS CONNECTOR SLEEVE SECURE WITH (4) #12-14x3/4' SDF'S -2"x2"x2" 16 GA CLIP ANGLE SECURE TO RAFTER COLUMN AND BASE RAIL V/(4) #12-14x3/4" SDF'S SLEEVE TO BASE RAIL 3/16 3/16 TS CONTINUOUS BASE RAIL

END COLUMN/BASE RAIL

CONNECTION DETAIL

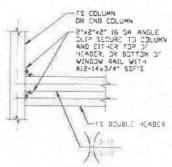
SCALE: NTS



HEADER OR WINDOW RAIL TO COLUMN CONNECTION DETAIL

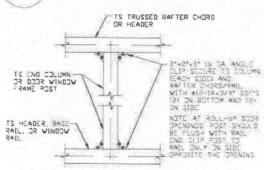
6

CONNECTION DETAIL 4

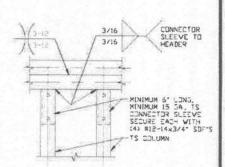


DOUBLE HEADER TO COLUMN

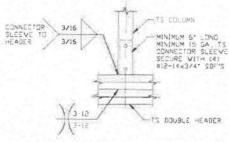
CONNECTION DETAIL



COLUMN TO HEADER, BASE RAIL, OR WINDOW RAIL CONNECTION DETAIL SCALE NTS



DOUBLE HEADER/COLUMN CONNECTION DETAIL 8



6A

COLUMN/DOUBLE HEADER CONNECTION DETAIL 9 SCALE NTS



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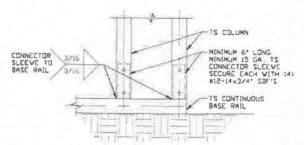
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 PROJECT MGR: VSM	LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EXP. B				
CLIENTI TBS	DATE: 7-29-21 SHT. 12	DVG. ND: SK-3	11/3	00S/20352S REV.: 6	

CONNECTION DETAILS



3/16

TS RODF RAFTER

TS CHURD

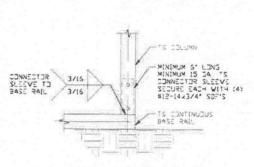
TS ROOF RAFTER

10 COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE NTS

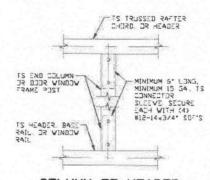
RAFTER TO CHORD CONNECTION DETAIL

SCALE NTS

12 COLLAR TIE CONNECTION DETAIL



COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE NTS



COLUMN TO HEADER, BASE RAIL CONNECTION DETAIL

14



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	DRAWN BY: JG CHECKED BY: PDH	63 L./	ULAR BUILDIN I SE INDUSTRIA IKE CITY, FLOR -0" ENCLOSED E	IAL CIRCLE			
	PROJECT MGR: WSM	DATE: 7-29-21	SCALE: NTS		NO: 16022\$/ 00\$/20352\$	21.	
HIT	CLIENT: TBS	SHT. 13	DVG. ND: SK-3		REV,1 6		

TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN)

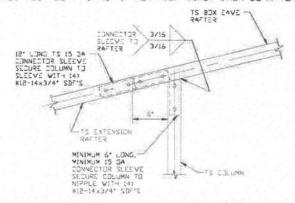
SCALE: NTS

MAIN BUILDING COLUMNS WITH LEAN-TO OR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE LACED COLUMNS FOR EAVE HEIGHTS 16'-0' < TO < 20'-0'

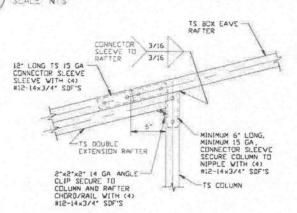
MAIN BUILDING COLUMNS WITH LEAN-TO OR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE DOUBLE COLUMNS FOR EAVE HEIGHTS 13'-0' (12'-0' FOR HIGH WIND) < TO < 15'-0'

MAIN BUILDING COLUMNS WITH LEAN-TO OR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE SINGLE COLUMNS FOR EAVE HEIGHTS 13'-0' < TO < 13'-0' (12'-0' FOR HIGH WIND) < WITH 4'-4' INSERT)

MAIN BUILDING COLUMNS WITH LEAN-TO OR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE SINGLE COLUMNS FOR EAVE HEIGHTS (10'-0' TO < 10'-0' FOR HIGH WIND) WITH ATTACHED ARE REQUIRED TO BE SINGLE COLUMNS FOR EAVE HEIGHTS (10'-0' TO < 10'-0' FOR HIGH WIND) WHEN LEAN-TO'S ARE ADDED.



SIDE EXTENSION RAFTER/COLUMN DETAIL FOR RAFTER SPANS & 15'-0"







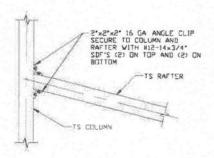
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CHECKED BY: PDH	LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EX			
PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS	JOB NO: 16022S/ 17300S/20352S	
CLIENT: TBS	SHT. 14	DWG. NO: SK-3	REV. 6	

BOX EAVE RAFTER LEAN-TO OPTIONS



LEAN-TO RAFTER TO RAFTER COLUMN CONNECTION DETAIL FOR RAFTER SPANS \(\) 15'-0'

16

TS COLUMN

2°N2°X2° 14 GA ANGLE CLIP
SECURE TO COLUMN AND
RAFTER WITH L/4°X3/4° SDF
CS) ON TOP AND (S) ON
BOTTOM

TS DOUBLE RAFTER

3-12

3-12

LEAN-TO RAFTER TO RAFTER COLUMN CONNECTION DETAIL FOR RAFTER SPANS 15'-0' < TO \(24'-0' \)

SCALE: NTS

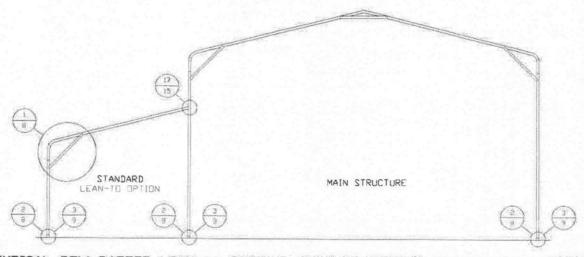
16A



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BOW RAFTER LEAN-TO OPTIONS



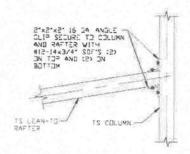
BOW RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN) TYPICAL

MAIN BUILDING COLUMNS WITH LEAN-TO OR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE DOUBLE COLUMNS FOR

MAIN BUILDING COLUMNS WITH LEAN-TO DR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE DOUBLE COLUMNS FOR MAIN BUILDING COLUMNS WITH LEAN-TO DR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE SINGLE COLUMNS FOR EAVE HEIGHTS 13'-0' (TO < 13'-0' FOR HIGH WIND) (WITH 4'-4' INSERT)

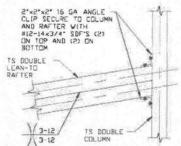
MAIN BUILDING COLUMNS WITH LEAN-TO DR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE SINGLE COLUMNS FOR MAIN BUILDING COLUMNS WITH LEAN-TO DR ROOF EXTENSION ATTACHED ARE REQUIRED TO BE SINGLE COLUMNS FOR EAVE HEIGHTS (10'-0')

KNEE BRACES MUST BE 4'-0' (5'-0' FOR HIGH WIND) WHEN LEAN-TO'S ARE ADDED



LEAN-TO RAFTER TO RAFTER COLUMN CONNECTION DETAIL FOR RAFTER SPANS & 15'-0"

17



LEAN-TO RAFTER TO RAFTER COLUMN CONNECTION DETAIL FOR RAFTER SPANS 15'-0" < T□ < 24'-0"

17A SCALE: NTS This item has been electronically signed and sealed by Wayne S. Moore, PE. using a Digital Signature and date.

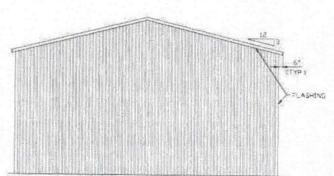
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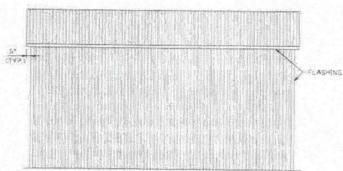
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	CLIENT: TBS	SHT. 15	DWG. ND: SK-3		REVJ 6	-		
() and	PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS		ND: 160225/ 005/203525			
	CHECKED BY: PDH		KE CITY, FLOI -0" ENCLOSED					
	DRAWN BY: JG	TUBULAR BUILDING SYSTEMS 631 SE INDUSTRIAL CIRCLE						

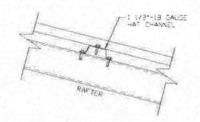
BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



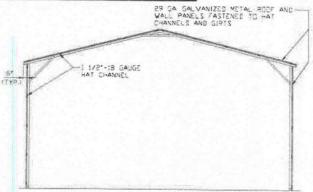
TYPICAL END ELEVATION
VERTICAL ROOF/SIDING OPTION



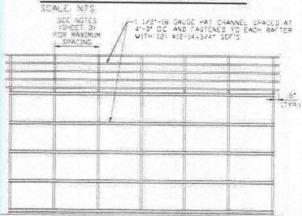
TYPICAL SIDE ELEVATION VERTICAL ROOF/SIDING OPTION



ROOF PANEL ATTACHMENT
(ALTERNATE FOR VERTICAL ROOF PANELS)
SCALE NTS



TYPICAL SECTION VERTICAL ROOF/SIDING OPTION



TYPICAL FRAMING SECTION VERTICAL ROOF/SIDING OPTION

SCALE NTS
NOTE TS WALL GIRTS CAN BE USED AS AN OPTION IN PLACE
OF HAT CHANNELS TS CIRTS MUST BE SPACE AT APPROXIMANT DC



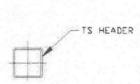
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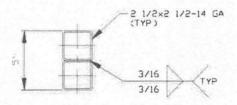
CLIENT: TBS	SHT. 16	DWG. NO: SK-3		REV. 6				
PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS		ND: 16022S/ 005/20352S				
CHECKED BY: PDH	LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EXP. B							
DRAWN BY: JG	63	TUBULAR BUILDING SYSTEMS 631 SE INDUSTRIAL CIRCLE						

SIDE WALL HEADER OPTIONS



HEADER DETAIL FOR DOOR OPENINGS ≤ 10'-0"

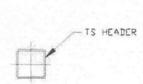
SCALE! NTS



HEADER DETAIL FOR DOOR OPENINGS 10'-0' < LENGTH ≤ 15'-0'

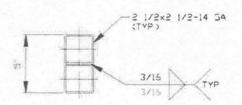
SCALE NTS

END WALL HEADER OPTIONS



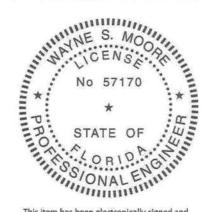
HEADER DETAIL FOR DOOR OPENINGS ≤ 12'-0"

SCALE NTS



HEADER DETAIL FOR DOOR OPENINGS 12'-0" < LENGTH ≤ 15'-0"

SCALE NTS



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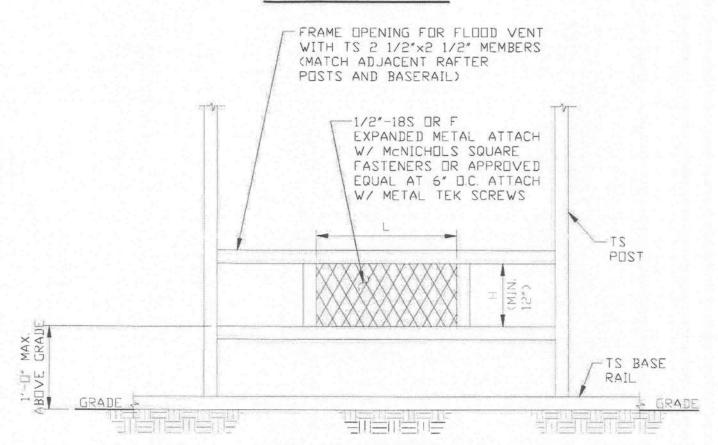
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DRAWN BY: JG	TUBULAR BUILDING SYSTEMS 631 SE INDUSTRIAL CIRCLE LAKE CITY, FLORIDA 32025					
CHECKED BY: PDH	30'-0"x20'-0" ENCLOSED BUILDING EXP. B					
PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS		8 ND: 16022\$/ 00\$/20352\$		
CLIENT: TBS	SHT. 17	DVG. ND: SK-3		REV. 6		

FLOOD VENT DETAIL



TYPICAL FLOOD VENT DETAIL

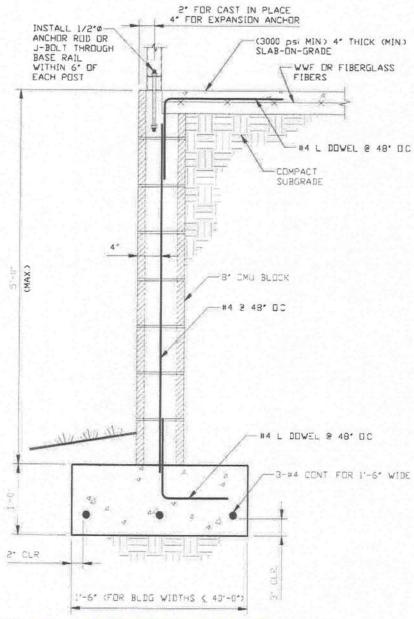
- 1 MINIMUM VENT SPACE REQUIRED = 1 SQ INCH OF OPEN VENT AREA PER SQ FOOT OF BUILDING AREA
- 2 THERE SHALL BE A MINIMUM OF TWO OPENINGS ON DIFFERENT SIDES FOR EACH ENCLOSED BUILDING
- 3 APPLY 13 FACTOR WHEN CALCULATING TOTAL OPEN AREA WHEN USING 1/2'-18GA S OR F EXPANDED METAL.
- 4 TOTAL OPEN AREA OF VENT = LxH(MIN 12")
- 5 FLOOD VENT DETAIL COMPLIES WITH FEMA/NFIP
- 6 PREFABRICATED FLOOD VENTS MEETING THE REQUIREMENTS OF FEMA/NIFIP MAY BE USED



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	PROJECT MGR: WSM	DATE: 7-29-21	SCALE: NTS	JOB ND 160225/ 173005/203525	
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STAND -ALONE STEM WALL DETAIL

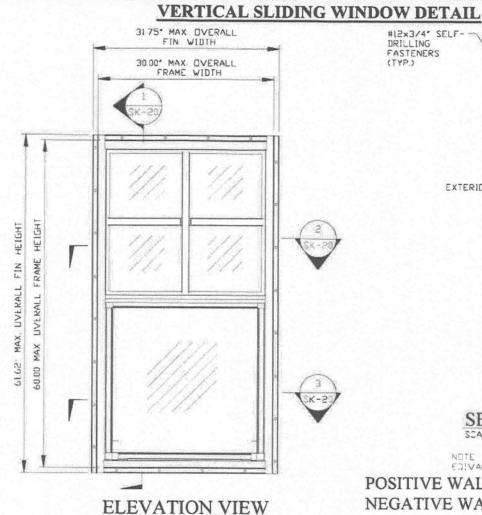


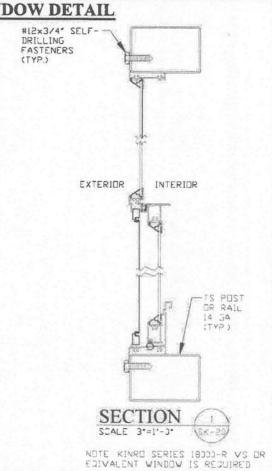
STAND-ALONE CONCRETE MASONRY UNIT (CMU)
FOUNDATION STEM WALL DETAIL
SCALE: NTS



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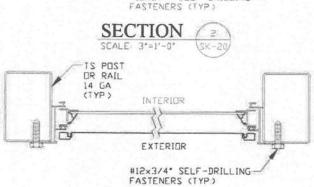
	DRAWN BY: JG CHECKED BY: PDH	TUBULAR BUILDING SYSTEMS 631 SE INDUSTRIAL CIRCLE LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EXP. B			
	PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS	JOB ND 16022S/ 17300S/20352S	
	CLIENT: TBS	SHT. 19	DVG. ND: SK-3	REV.I 6	





POSITIVE WALL PRESSURE: +40.0 PSF NEGATIVE WALL PRESSURE: -40.0 PSF







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SECTION

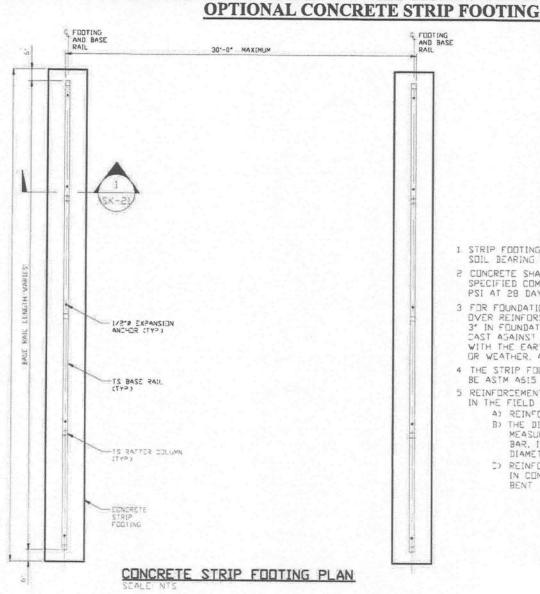
SCALE: 3'=1'-0"

3

SK-20

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DRAWN BY: JG	631 SE INDUSTRIAL CIRCLE					
CHECKED BY: PDH	LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EXP. B					
PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS		ND: 16022S/ 00S/20352S		
CLIENT: TBS	SHT. 20	DWG. ND: SK-3		REV. 6		

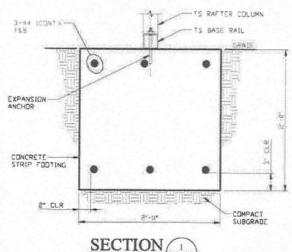


1 STRIP FOOTING DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 1,500 PSF

2 CUNCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS

- 3 FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318-3' IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2' ELSEWHERE
- 4 THE STRIP FOOTING REINFORCING STEEL SHALL BE ASTM ASIS GRADE 63
- 5 REINFORCEMENT MAY BE BENT IN THE SHOP OR IN THE FIELD PROVIDED

 - A) REINFORCEMENT IS BENT COLD
 B) THE DIAMETER OF THE BEND,
 MEASURED ON THE INSIDE OF THE
 BAR, IS NOT LESS THAN SIX-BAR
 DIAMETERS
 - C) REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD



SK-21

* COURDINATE WITH LOCAL CODES/ORD

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CLIENT: TBS	SHT. 21	DWG. ND: SK-3		REVJ 6			
PROJECT MGR: VSM	DATE: 7-29-21	SCALE: NTS	JUB ND 16022S 17300S/20352S				
CHECKED BY: PDH	LAKE CITY, FLORIDA 32025 30'-0"x20'-0" ENCLOSED BUILDING EXP, B						
DRAWN BY: JG	631 SE INDUSTRIAL CIRCLE						