

STRUCTURAL DESIGN ENCLOSED BUILDING

MAXIMUM 32'-0" - 60'-0" WIDE X 20'-0" EAVE HEIGHT-BOX EAVE FRAME

12 February 2021 Revision 2 M&A Project No. 18195S/20019S/20324S

Prepared for:

Steel Building Structures, Inc. P.O. Box 1287 Mt. Airy, NC 27030

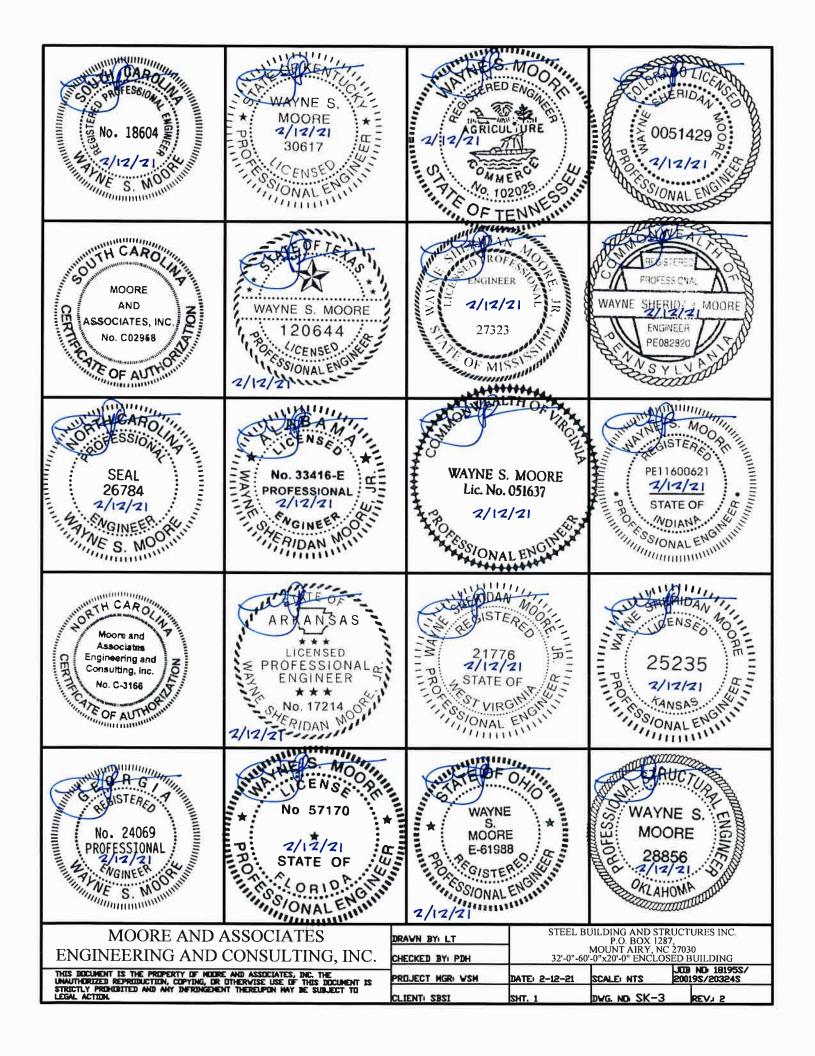
Prepared by:

Moore and Associates Engineering and Consulting, Inc.

1009 East Avenue North Augusta, SC 29841

401 S. Main St., Suite 200 Mt. Airy, NC 27030





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INSTALLATION NOTES AND SPECIFICATIONS

- 1, DESIGN IS FOR MAXIMUM 32'-0'-60'-0' WIDE x 20'-0" EAVE HEIGHT ENCLOSED STORAGE STRUCTURES.
- 2. DESIGN WAS DONE IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION, 2018 NORTH CAROLINA BUILDING CODE, 2006 INTERNATIONAL BUILDING CODE (IBC), 2009 IBC, 2012 IBC, 2015 IBC AND 2018 IBC.
- 3. DESIGN LOADS ARE AS FOLLOWS:

A) DEAD LOAD

B) ROOF LIVE LOAD

= 1.5 PSF = 20 PSF

C) GROUND SNOW LOAD

= 35 PSF

NOTE: (UNBALANCED SNOW LOADS DUE TO DRIFTING HAVE NOT BEEN EVALUATED)

- 4. 3-SECOND GUST ULTIMATE WIND SPEED = 105 TO 155 MPH (NOMINAL WIND SPEED = 81 TO 120 MPH)
- 5. MAXIMUM RAFTER/COLUMN AND END COLUMN SPACING = 5.0 FEET; 4.0 FEET FOR BUILDING WIDTH 52'-0" (W < 60'-0" (EXP. C) (UNLESS NOTED OTHERWISE).
- 6 END WALL COLUMNS (POSTS) ARE SIMILAR TO SIDE WALL POSTS IN SIZE AND SPACING (UNLESS NOTED OTHERWISE).
- 7. LOW HAZARD RISK CATEGORY I/II
- 8. WIND EXPOSURE CATEGORY B/C
- 9. SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2" x 2 1/2" 14 GAUGE STEEL TUBE FRAMING MEMBERS (UNLESS NOTED OTHERWISE).
- 10. AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS (INTERIOR AND EDGE) = 8 INCHES.
- 11 FASTENERS CONSIST OF 1/4*x3/4* SELF-DRILLING FASTENERS WITH CONTROL SEAL WASHER SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AND ROOF SLOPES OF 14* (3:12 PITCH). SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY, ROOF SLOPES LESS THAN 3:12 REQUIRE USE OF LAP JOINT SEALANT.
- 12. ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6' OF EACH COLUMN (POST) ALONG SIDES AND ENDS.
- 13. WIND FORCES GOVERN OVER SEISMIC FORCES, SEISMIC PARAMETERS ANALYZED ARE:

SOIL SITE CLASS = D RISK CATEGORY I/II

R= 3.25

S_{DS}= 2039 9

 $S_{DI} = 1.258 \text{ g}$ $I_E = 1.0$

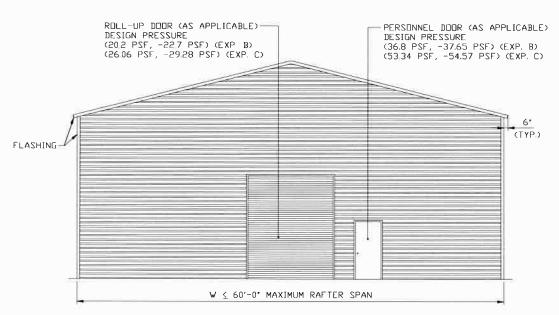
V= C_SW

- 14. WINDOW AND DOOR PRESSURE VALUES ARE APPLICABLE TO THE STATE OF FLORIDA
- 15, MAXIMUM THRESHOLD HEIGHT IS 5.1/2° FOR PERSONNEL DOORS USED AS MEANS OF EGRESS,

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DRAVN BY: LT CHECKED BY: PDH	32'-0"-6	P.O. BOX 1 MOUNT AIRY, 1 60'-0"x20'-0" ENCL	NC 2703	0 BUILDING
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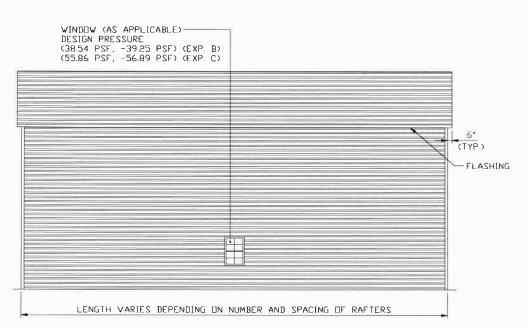


TYPICAL END ELEVATION-HORIZONTAL ROOF

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TYPICAL SIDE ELEVATION-HORIZONTAL ROOF

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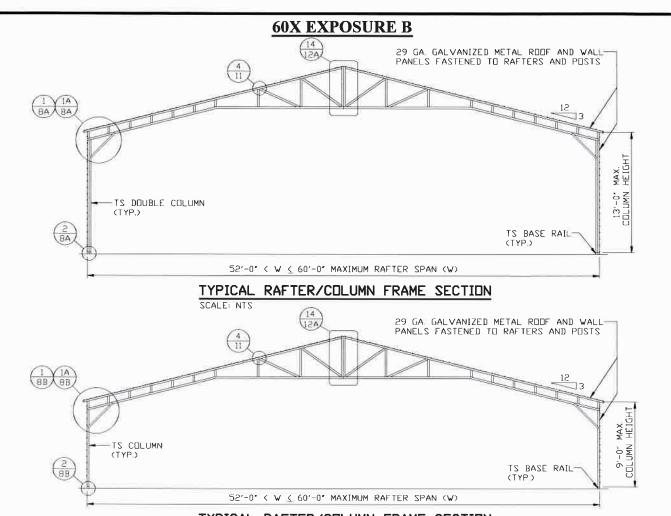
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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

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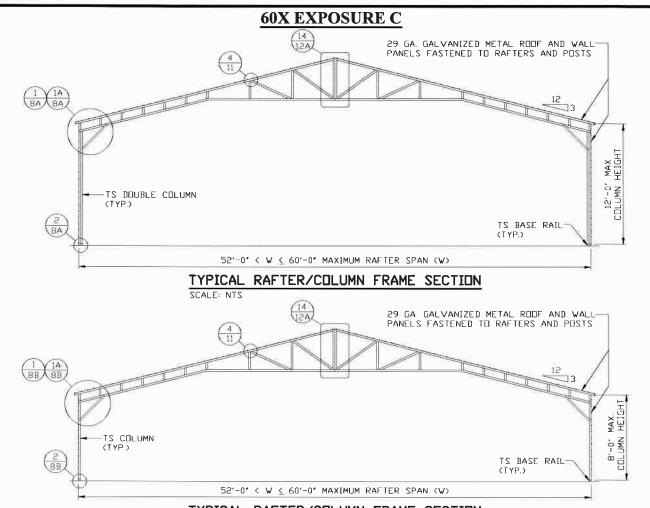
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TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

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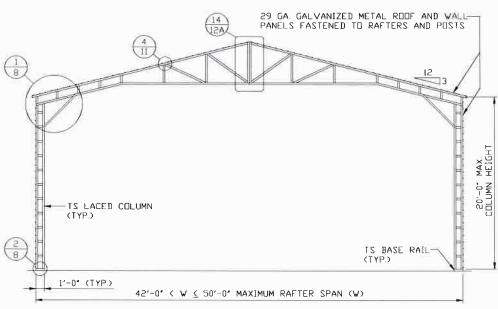


TYPICAL RAFTER/COLUMN FRAME SECTION

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50X EXPOSURE B & C



TYPICAL RAFTER/COLUMN FRAME SECTION

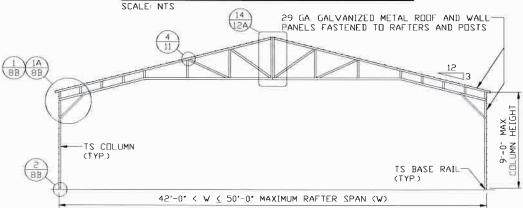
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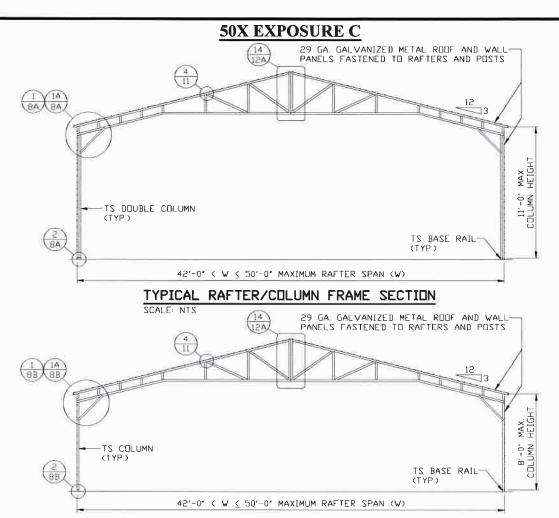
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CLIENT: SRSI	SHT. 6	DVG ND SK-	3	BEAT 5		

TS DOUBLE COLUMN (TYP) 12 39 GA GALVANIZED METAL RODE AND WALL PANELS FASTENED TO RAFTERS AND POSTS TS BASE RAIL (TYP) 42'-0' < W & 50'-0' MAXIMUM RAFTER SPAN (W) TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: NTS



TYPICAL RAFTER/COLUMN FRAME SECTION
SCALE: NTS

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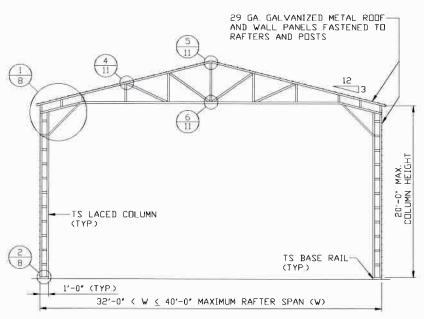


TYPICAL RAFTER/COLUMN FRAME SECTION

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40X EXPOSURE B & C



TYPICAL RAFTER/COLUMN FRAME SECTION SCALE: NTS

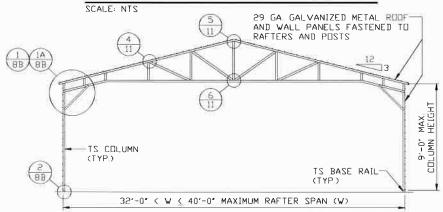
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40X EXPOSURE B 29 GA GALVANIZED METAL ROOF AND WALL PANELS FASTENED TO RAFTERS AND POSTS 11 IA BA BA TS DOUBLE COLUMN (TYP) TS BASE RAIL (TYP) 32'-0' (W & 40'-0' MAXIMUM RAFTER SPAN (W)

TYPICAL RAFTER/COLUMN FRAME SECTION



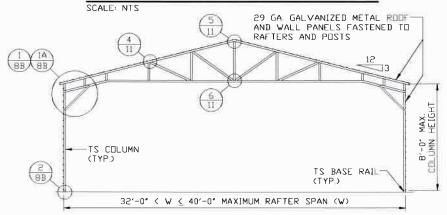
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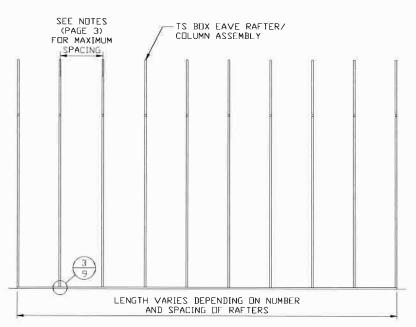
TYPICAL RAFTER/COLUMN FRAME SECTION



TYPICAL RAFTER/COLUMN FRAME SECTION

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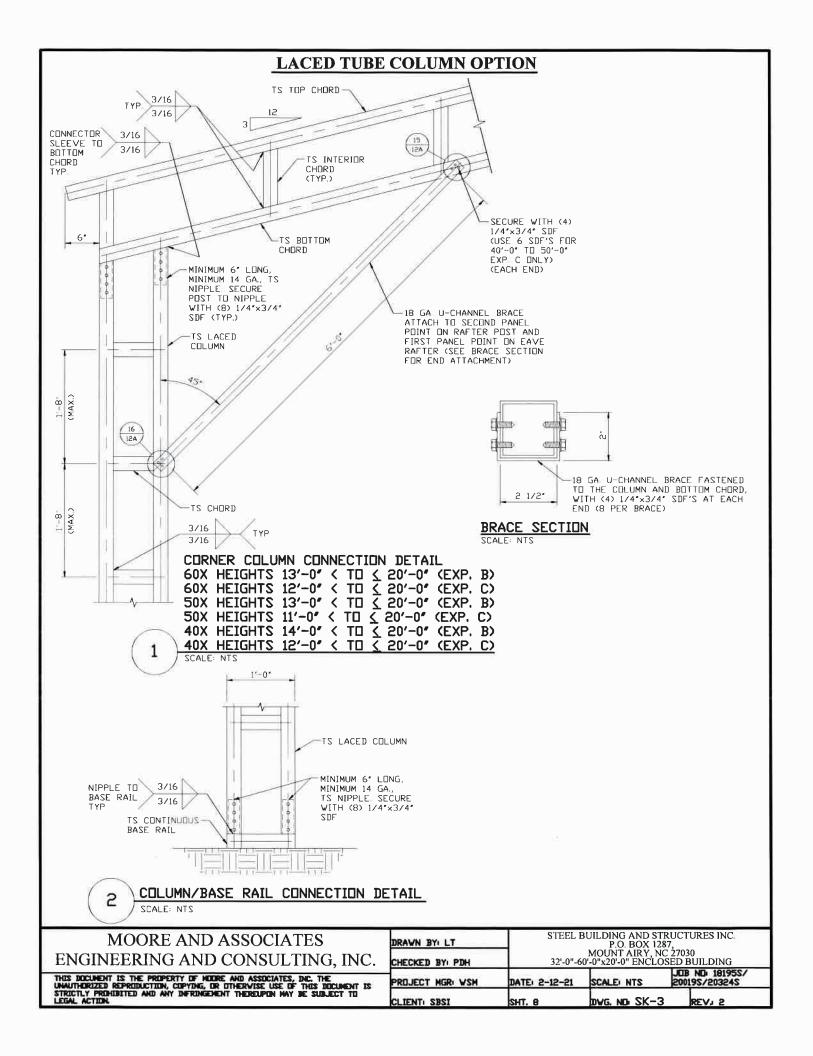


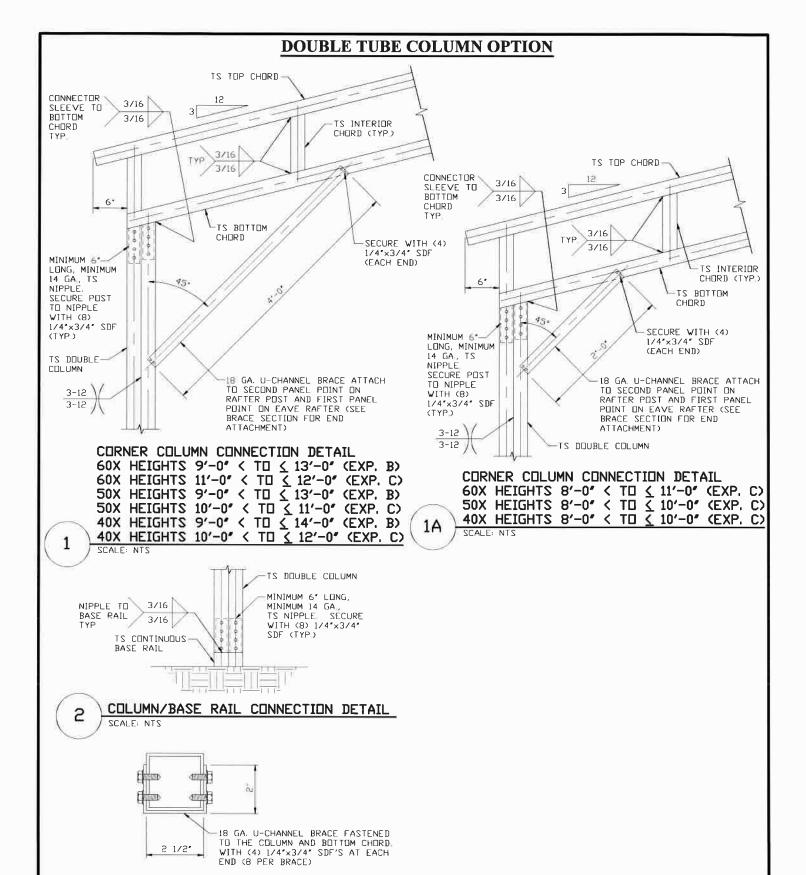
TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION SCALE: NTS

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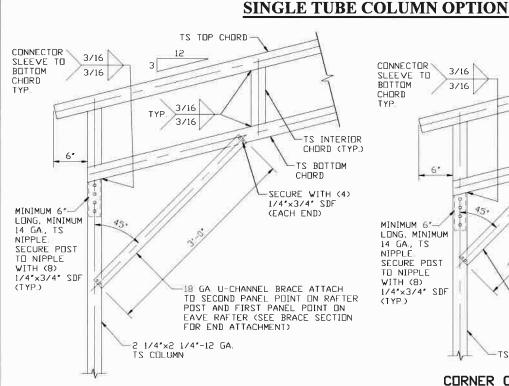
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BRACE SECTION SCALE: NTS

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CONNECTOR 3/16 SLEEVE TO BULLUM 3/16 CHORD 3/16 TYP 3/16 TS INTERIOR CHORD (TYP.) TS BOTTOM CHORD SECURE WITH (4) 1/4*x3/4* SDF MINIMUM 65 12 LONG, MINIMUM 14 GA, TS NIPPLE (EACH END) SECURE POST TO NIPPLE WITH (8) 1/4'x3/4' SDF 18 GA U-CHANNEL BRACE ATTACH TO SECOND PANEL POINT ON RAFTER (TYP) POST AND FIRST PANEL POINT ON EAVE RAFTER (SEE BRACE SECTION FOR END ATTACHMENT) TS COLUMN

TS TOP CHORD

CORNER COLUMN CONNECTION DETAIL

60X HEIGHTS \(\) 8'-0' (EXP. B & C)

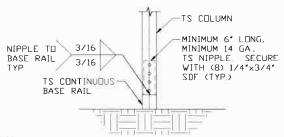
50X HEIGHTS \(\) 8'-0' (EXP. B)

40X HEIGHTS \(\) 8'-0' (EXP. B & C)

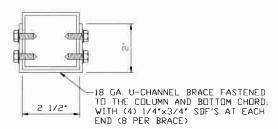
SCALE: NTS

1A

CORNER COLUMN CONNECTION DETAIL 60X HEIGHTS $8'-0'' < TD \leq 9'-0'' (EXP. B)$ 50X HEIGHTS $8'-0'' < TD \leq 9'-0'' (EXP. B)$ 50X HEIGHTS $\leq 8'-0'' (EXP. C)$ 40X HEIGHTS $8'-0'' < TD \leq 9'-0'' (EXP. B)$ 40X HEIGHTS $\leq 8'-0'' (EXP. C)$ SCALE: NIS



2 COLUMN/BASE RAIL CONNECTION DETAIL
SCALE: NTS



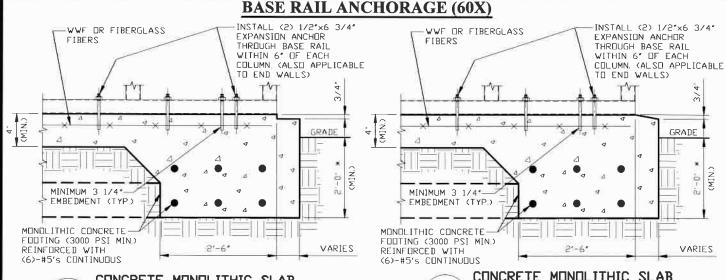
BRACE SECTION

1

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PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS		ND 18195S/ 19S/20324S		
CLIENT: SBSI	SHT. 8B	DWG. NO SK-	3	REV. 2		



3

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHURAGE

(MINIMUM ANCHOR EDGE DISTANCE IS 4' * COORDINATE WITH LOCAL CODES/ORD

GENERAL NOTES

CONCRETE MONOLITHIC SLAB DESIGN BASED ON MINIMUM SDIL BEARING CAPACITY OF 1,500 PSF

CONCRETE

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

PARS 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.

REINFORCING STEEL:

THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

- REINFORCEMENT IS BENT COLD.
 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

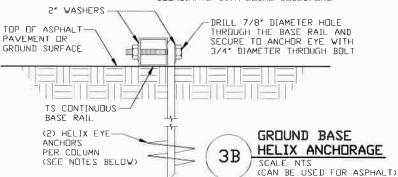
HELIX ANCHOR NOTES:

- 1 FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELIDADED STLTS AND CLAYS, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM 50" EMBEDMENT
- 2 FOR CORAL USE MINIMUM (2) 4' HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT
- 3. FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4' HELICES WITH MINIMUM 30 INCH EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50" EMBEDMENT
- 4. FOR LOGSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL, USE MINIMUM (2) 6" HELICES WITH MINIMUM 50" EMBEDMENT.
- 5 FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 8' HELICES WITH MINIMUM 60' EMBEDMENT.

CONCRETE MONOLITHIC SLAB RAIL ANCHORAGE

* COORDINATE WITH LOCAL CODES/ORD

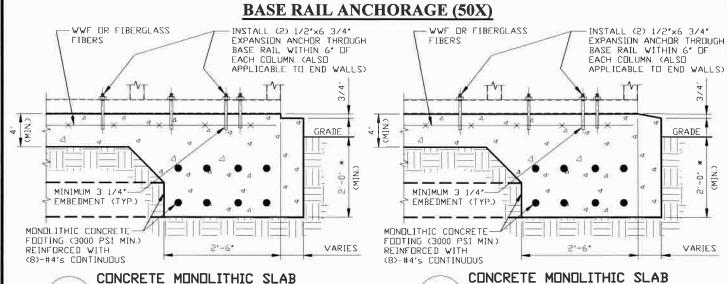
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				ND 181955/	
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DRAWN BY: LT	STEEL I	STEEL BUILDING AND STRUCTURES INC. P.O. BOX 1287,			



BASE RAIL ANCHORAGE 3

(MINIMUM ANCHOR EDGE DISTANCE IS 4" * COORDINATE WITH LOCAL CODES/ORD.

GENERAL NOTES

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

CONCRETE:

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' 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.

REINFORCING STEEL

THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

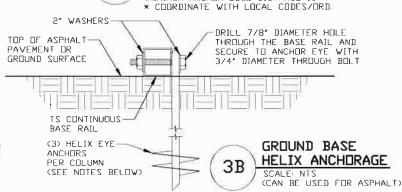
REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED

- REINFORCEMENT IS BENT COLD 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

HELIX ANCHOR NOTES:

- 1. FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, USE MINIMUM (2) 4' HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT
- 2 FOR CORAL USE MINIMUM (2) 4" HELICES WITH MINIMUM 30. EMBEDWENT OR SINGLE 6. HELIX MITH WINIMOM 20. EMBEDWENT
- 3 FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4' HELICES WITH MINIMUM 30 INCH EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50" EMBEDMENT
- 4. FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL, USE MINIMUM (2) 6' HELICES WITH MINIMUM 50" EMBEDMENT
- 5. FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) B' HELICES WITH MINIMUM 60' EMBEDMENT.





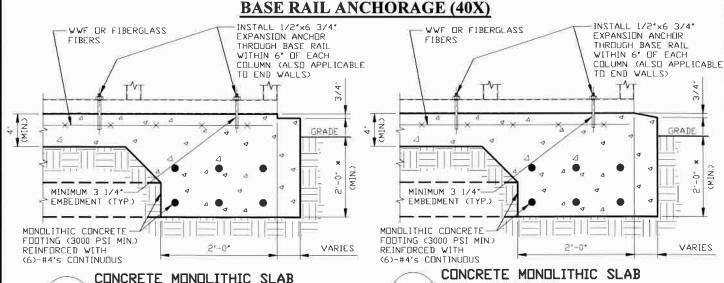
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CHECKED BY: PDH				
PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS	JOB ND 18195\$/ 20019\$/20324\$	
CLIENT: SBSI	SHT. 9A	DWG. NO SK-3	REV. 2	



CONCRETE MONOLITHIC SLAB BASE RAIL ANCHURAGE 3

(MINIMUM ANCHOR EDGE DISTANCE IS 4"
* COORDINATE WITH LOCAL CODES/ORD

GENERAL NOTES

NOTE: CONCRETE MONDLITHIC SLAB DESIGN BASED ON MINIMUM SDIL BEARING CAPACITY OF 1,500 PSF

CONCRETE

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 ACT-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.

REINFORCING STEEL

THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT...

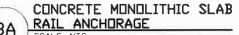
REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

- 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.

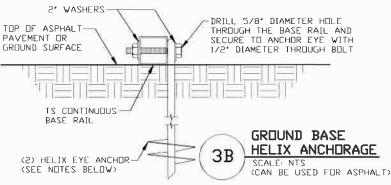
 3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT
- BE FIELD BENT

HELIX ANCHOR NOTES:

- 1 FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30" EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM 50" EMBEDMENT
- USE MINIMUM (2) 4" HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6' HELIX WITH MINIMUM 50' EMBEDMENT.
- FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM 50" EMBEDMENT
- FOR LODSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL, USE MINIMUM (2) 6' HELICES WITH MINIMUM 50' EMBEDMENT.
- FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 8° HELICES WITH MINIMUM 60° EMBEDMENT:



SCALE: NTS (MINIMUM ANCHOR EDGE DISTANCE IS 4"
* COORDINATE WITH LOCAL CODES/ORD

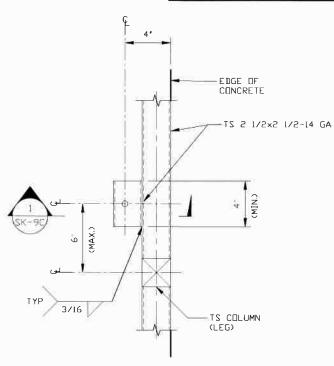


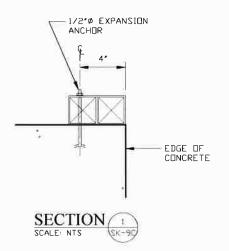
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CLIENT: SBSI	SHT. 9B	DWG. NO SK-	3	REV. 2	
PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS		ND: 18195S/ 195/20324S	
CHECKED BY: PDH	32'-0"-6	MOUNT AIRY, NC 27030 32'-0"-60'-0"x20'-0" ENCLOSED BUILDING			
DRAWN BY: LT	STEEL I	STEEL BUILDING AND STRUCTURES INC. P.O. BOX 1287,			

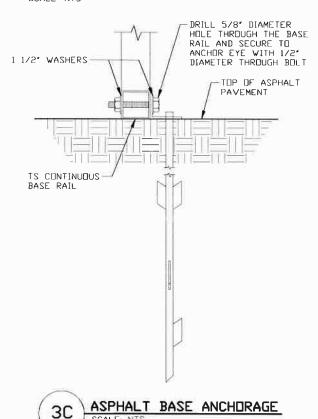
BASE RAIL ANCHORAGE OPTIONS





TYPICAL ANCHOR DETAIL WHEN BASE RAIL IS NEAR EDGE OF CONCRETE

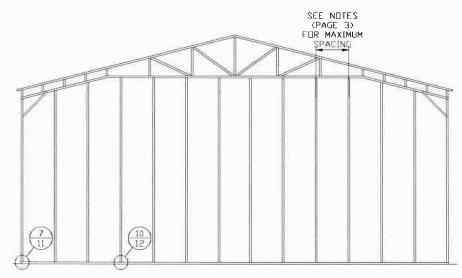
SCALE: NTS



SCALE: NTS

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END WALL



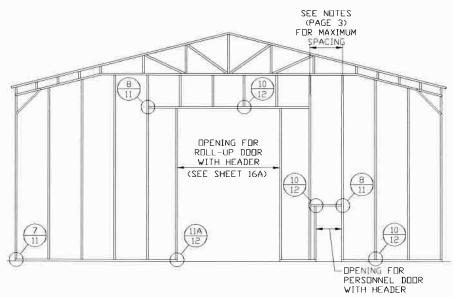
TYPICAL END WALL FRAMING SECTION
SCALE: NTS

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PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS		ND 18195S/ 19S/20324S
CLIENTI SBSI	SHT. 10	DVG ND SK-3	3	REV. 2

END WALL OPENINGS



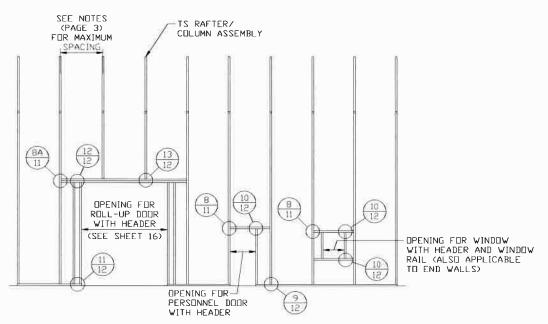
TYPICAL END WALL OPENINGS FRAMING SECTION

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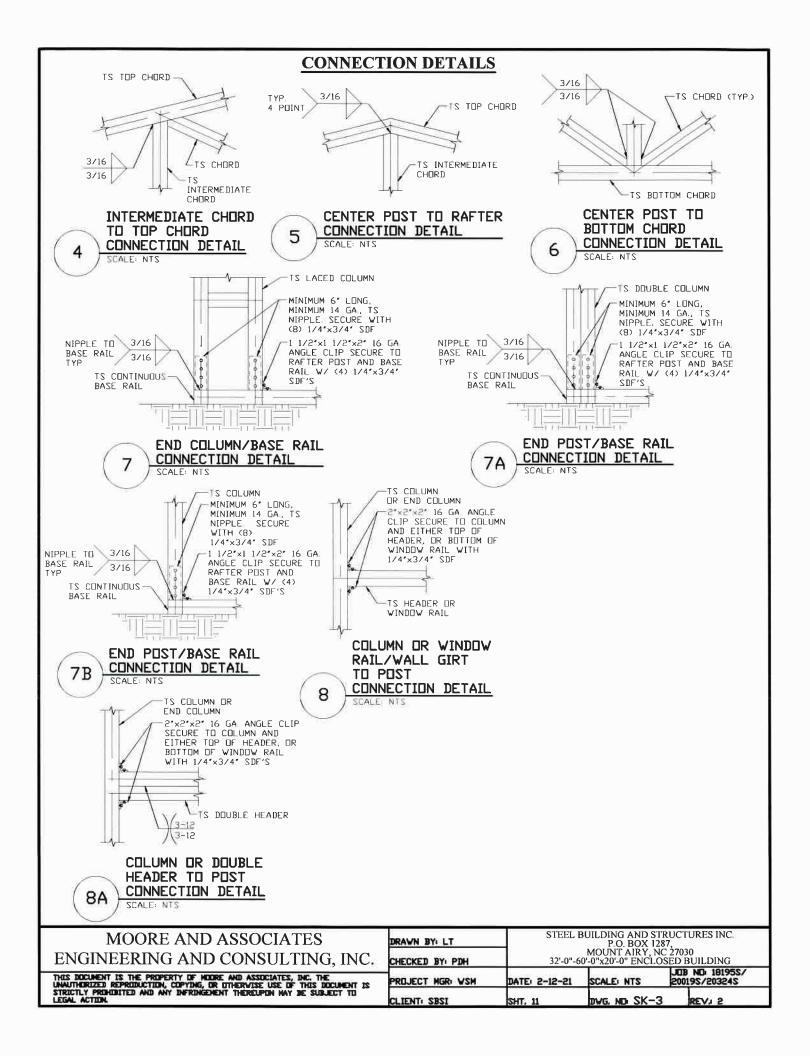
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CHECKED BY: PDH	32'-0"-6	MOUNT AIRY, N 60'-0"x20'-0" ENCLO	IC 2703		
PREJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS		ND: 19195S/ 19S/20324S	
CLIENTI SRSI	SHT. 10A	TIME NO SK-3	3	DEV. 2	

SIDE WALL OPENINGS

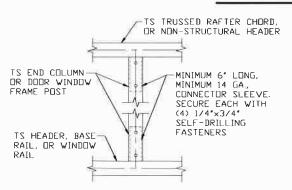


$\frac{ \mbox{TYPICAL SIDE WALL OPENINGS FRAMING SECTION}}{\mbox{SCALE: NTS}}$

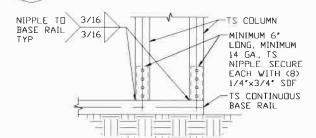
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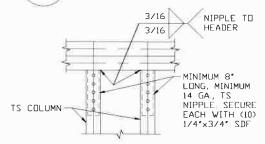
CONNECTION DETAILS



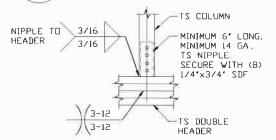
9 COLUMN TO HEADER OR BASE RAIL CONNECTION DETAIL SCALE: NTS



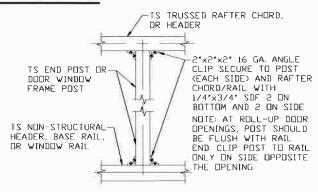
COLUMN/BASE RAIL CONNECTION DETAIL SCALE: NTS



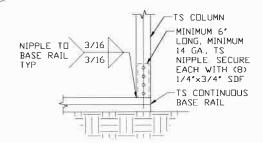
DOUBLE HEADER/COLUMN CONNECTION DETAIL SCALE NTS



13 COLUMN/DOUBLE HEADER CONNECTION DETAIL SCALE: NTS



HEADER OR WINDOW RAIL TO POST CONNECTION DETAIL SCALE: NTS



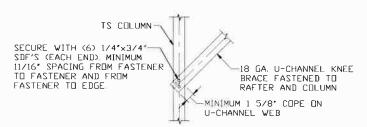


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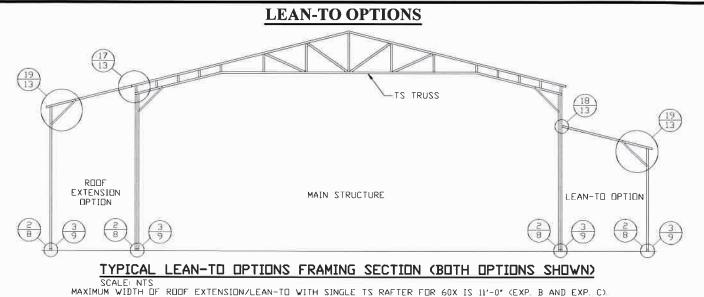
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CHECKED BY: PDH	MOUNT AIRY, NC 27030 32'-0"-60'-0"x20'-0" ENCLOSED BUILDING				
PROJECT MGR: VSM	DATE: 2-12-21 SCALE: NTS 20019S/203245				
CLIENT: SBSI	SHT. 12	DWG. NO. SK-	3 REV. 2		

CONNECTION DETAILS TS TOP CHORD TS TRUSS 3/16 3/16 (2) 1/2°ø A325 -SECURE WITH (6) 1/4*x3/4* SDF'S (EACH END) MINIMUM 11/16* SPACING FROM FASTENER TO FASTENER AND FROM FASTENER TO EDGE BOLT (TYP) 3/16 TS INTERIOR 3/16 CHORD MINIMUM 1 5/8° COPE ON U-CHANNEL WEB MINIMUM 2'-0" LONG. MINIMUM 14 GA., CONNECTOR SLEEVE SECURE WITH (24) 1/4'x3/4' SDF'S TS CHORD (TYP.) 18 GA U-CHANNEL KNÉE BRACE FASTENED TO RAFTER AND COLUMN U-CHANNEL TO RAFTER CONNECTION DETAIL FOR TS BOTTOM CHORD 40'X TO 50'X (EXP. C) ONLY 21-0" SCALE: NTS SPLICE CONNECTION DETAIL 14 SCALE: NTS



U-CHANNEL TO COLUMN CONNECTION DETAIL FOR 40'X TO 50'X (EXP. C) ONLY

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SCALE: NTS

MAXIMUM WIDTH OF ROOF EXTENSION/LEAN-TO WITH SINGLE TS RAFTER FOR 60X IS 11'-0' (EXP. B AND EXP. C).

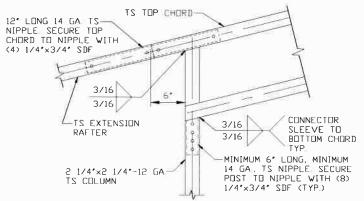
MAXIMUM WIDTH OF ROOF EXTENSION/LEAN-TO WITH SINGLE TS RAFTER FOR 50X IS 11'-0' (EXP. B) AND 10'-0' (EXP. C).

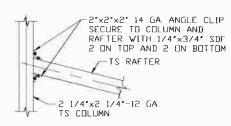
MAXIMUM WIDTH OF ROOF EXTENSION/LEAN-TO WITH SINGLE TS RAFTER FOR 40X IS 11'-0' (EXP. B) AND 10'-0' (EXP. C).

MAXIMUM WIDTH OF ROOF EXTENSION/LEAN-TO WITH DOUBLE TS RAFTER IS 16'-0'.

FOR SHARED COLUMN HEIGHTS REFERENCE RAFTER COLUMN CONNECTION DETAILS FOR APPROPRIATE COLUMN HEIGHT

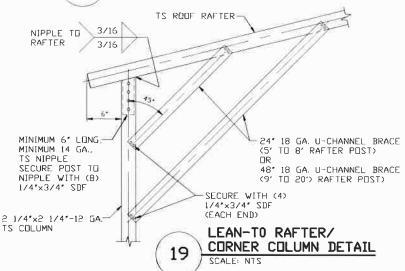
AND TUBING SPECIFICATIONS ALL SINGLE SHARED COLUMNS MUST BE 2 1/4'×2 1/4'-12 GA TS





18 | LEAN-TO RAFTER TO RAFTER POST CONNECTION DETAIL | SCALE | NTS

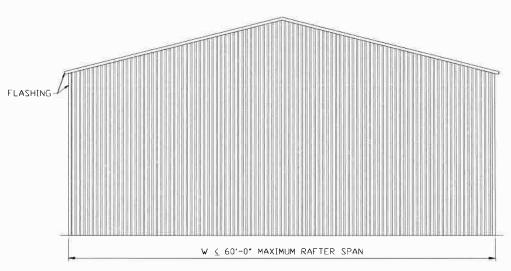
SIDE EXTENSION RAFTER/ CORNER POST DETAIL SCALE NIS



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PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS		ND 18195S/ 9S/20324S
CLIENT: SBSI	SHT, 13	DWG. ND: SK-	3	REV. 2

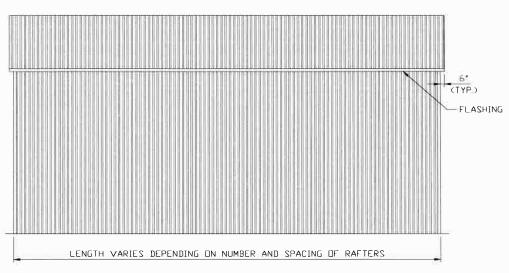


TYPICAL END ELEVATION VERTICAL ROOF/SIDING

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CHECKED BY PDH	32'-0"-6	60'-0"x20'-0" ENCLO	SED BUILDING
PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS	JOB NO 181955/ 200195/203245
CLIENT, SPSI	SHT 14	UNE NO SK-3	PEV. 2



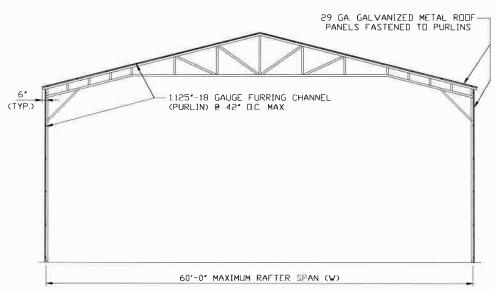
TYPICAL SIDE ELEVATION VERTICAL ROOF/SIDING

SCALE: NTS

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PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS	JOB ND 18195S/ 20019S/20324S	
CLIENT: SBSI	SHT. 14A	DVG, ND SK-	3 REV. 2	

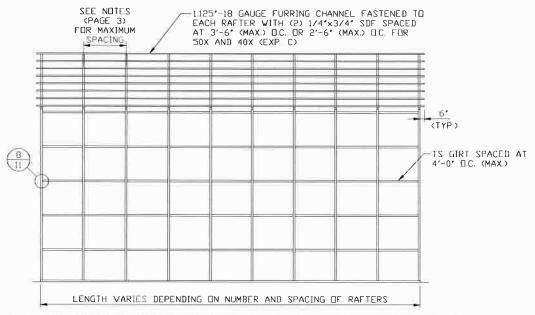


TYPICAL SECTION VERTICAL ROOF/SIDING OPTION SCALE: NTS

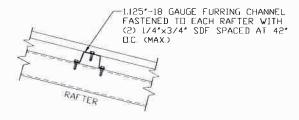
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TYPICAL SIDE FRAMING SECTION VERTICAL ROOF/SIDING OPTION SCALE: NTS



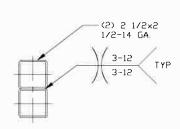
ROOF PANEL ATTACHMENT SCALE: NTS (ALTERNATE FOR VERTICAL ROOF PANELS)

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PROJECT MGR: VSM	DATE: 2-12-21	SCALE: NTS		ND: 18195S/ 19S/20324S		
CLIENT: SBSI	SHT. 15A	DVG. ND SK-	3	REV. 2		

SIDE WALL HEADER OPTIONS



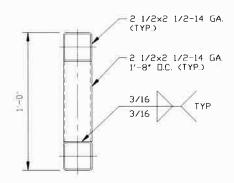
HEADER DETAIL FOR DOOR OPENINGS

60X LENGTH < 7'-0' (EXP. B) 60X LENGTH < 8'-0' (EXP. C)

50X LENGTH <u><</u> 8'-0"

40X LENGTH < 8'-0"

SCALE: NTS

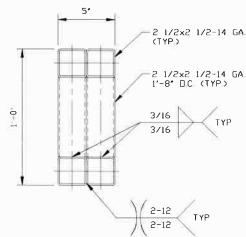


HEADER DETAIL FOR DOOR OPENINGS

60X 8'-0" < LENGTH ≤ 15'-0" 50X 8'-0" < LENGTH ≤ 15'-0"

40X 8'-0" < LENGTH < 18'-0"

SCALE: NTS



HEA!

60X

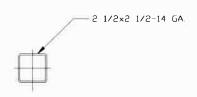
50X

40X 18'-0" < LENGTH \(\frac{1}{20'-0"} \)

2-12 TYP
DER DETAIL FOR DOOR OPENINGS 15'-0' < LENGTH \(\le 20'-0' \) 15'-0' < LENGTH \(\le 20'-0' \)

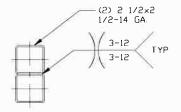
ENGINEERING AND CONSULTING, INC.	CHECKED BY: PDH	32'-0"-6	MOUNT AIRY, NC 27030 32'-0"-60'-0"x20'-0" ENCLOSED BUILDING	
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END WALL HEADER OPTIONS



HEADER DETAIL FOR DOOR OPENINGS
60X LENGTH \leq 6'-0'
50X LENGTH \leq 6'-0'
40X LENGTH \leq 6'-0'

SCALE: NTS



HEADER DETAIL FOR DOOR OPENINGS 60X 6'-0' < LENGTH \(\) 12'-0' 50X 6'-0' < LENGTH \(\) 12'-0' 40X 6'-0' < LENGTH \(\) 12'-0' SCALE: NTS

30	766		 0

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