

APPLICABLE CODES AND STANDARDS

- 1. 2020 FLORIDA BUILDING CODE (7TH EDITION)
- 2. 2018 INTERNATIONAL BUILDING CODE
- 3. ASCE 7-16: MINIMUM DESIGN LOADS ON BUILDINGS AND OTHER STRUCTURES
- 4. AISC STEEL CONSTRUCTION MANUAL (15TH EDITION)
- 5. ACI 318-14: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- 6. TMS 402-16: BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
- 7. AWS D1.1: STRUCTURAL WELDING

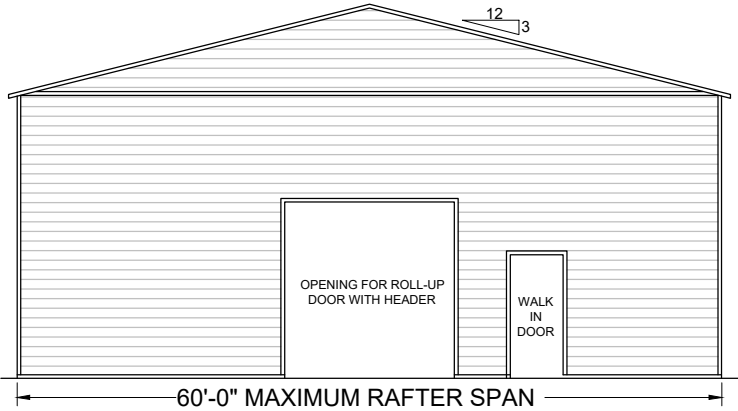
INSTALLATION NOTES AND SPECIFICATIONS

- 1. ROOF PITCH SHALL NOT BE GREATER THAN 12H:4V
- 2. END WALL COLUMNS (POST) AND SIDE WALL COLUMNS ARE THE SAME U.N.O.
- 3. 29 GA METAL PANELS SHALL BE FASTENED DIRECTLY TO 2.5" x 2.5" x 14 GA TUBE STEEL (TS) FRAMING MEMBERS FOR VERTICAL PANELS.
  - 3.1. 29 GA METAL PANELS SHALL BE FASTENED DIRECTLY TO 18 GA HAT CHANNELS U.N.O.
- 4. FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS SHALL BE:
  - 4.1. INTERIOR = 9"
  - 4.2. END = 6".
- 5. FASTENERS SHALL BE #12-14 x 3/4" SELF-DRILLING SCREWS (SDS), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS. APPLICABLE ONLY FOR:
  - 5.1. MEAN ROOF HEIGHT OF 20'-0" OR LESS
  - 5.2. ROOF SLOPES OF 18° (4:12 PITCH) OR LESS.
  - 5.3. SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY.
- 6. ANCHORS SHALL BE INSTALLED THROUGH THE BASE RAIL WITHIN 6" OF EACH RAFTER COLUMN ALONG SIDES AND ENDS.
- 7. STANDARD GROUND ANCHORS (SOIL NAILS) CONSIST OF #4 REBAR WITH WELDED NUT x 30" LONG AND MAY BE USED IN SUITABLE SOILS.
  - 7.1. OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SOILS AND MUST BE USED IN UNSUITABLE SOILS AS NOTED. SOIL NAILS MAY BE USED FOR WIND SPEEDS LESS THAN OR EQUAL TO 145 MPH.

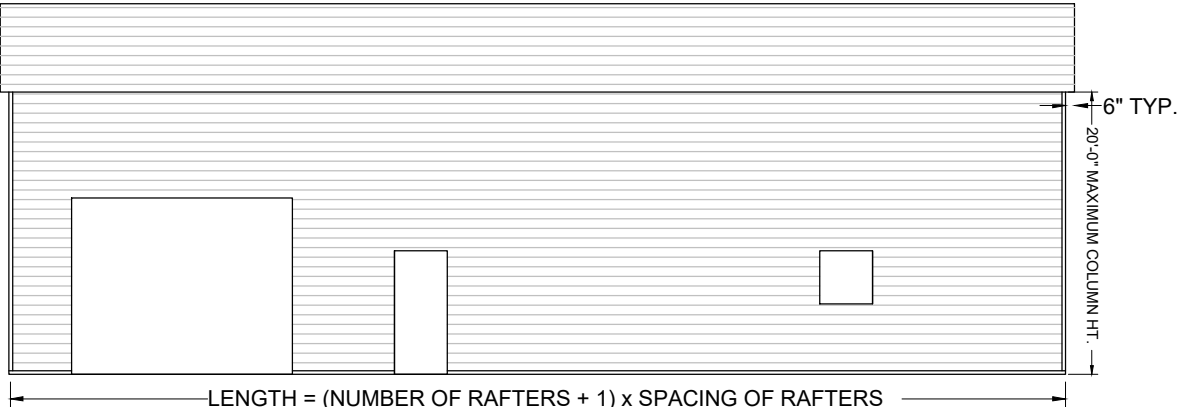
DESIGN LOADS

- 1. DEAD LOAD = 15 PSF
- 2. LIVE LOAD = 20 PSF
- 3. WIND LOAD (SEE TABLE 1)

ENCLOSED METAL BUILDING DESIGN  
MAXIMUM 60'-0" WIDE x 20'-0" EAVE HEIGHT  
BOX EAVE FRAME



TYPICAL ELEVATION - BOX EAVE  
SCALE: NTS



TYPICAL SIDE ELEVATION  
SCALE: NTS

TABLE 1  
BOW/RAFTER FRAME, END POST, GROUND ANCHOR AND PANEL FASTENER  
SPACING SPECIFICATIONS

| RISK<br>CATEGORY  | WIND<br>EXPOSURE<br>CATEGORY | ULT<br>WIND<br>SPEED<br>(MPH) | NOMINAL<br>WIND<br>SPEED<br>(MPH) | MAXIMUM<br>RAFTER/BOW<br>AND END POST<br>SPACING (FEET) | FASTENER SPACING O.C FOR<br>RAFTERS/PURLINS, & POSTS (INCHES) |                     |
|-------------------|------------------------------|-------------------------------|-----------------------------------|---------------------------------------------------------|---------------------------------------------------------------|---------------------|
|                   |                              |                               |                                   |                                                         | INTERIOR<br>BOWS/RAFTERS                                      | END<br>BOWS/RAFTERS |
| I, II, III, or IV | B, C, or D                   | 115 - 150                     | 89 - 116                          | 5.0                                                     | 6                                                             | 6                   |
|                   |                              | 151 - 180                     | 117 - 139                         | 4.0                                                     | 6                                                             | 6                   |

NOTES:  
1. SPECIFICATIONS APPLICABLE TO 26 OR 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 12 OR 14 GAUGE STEEL TUBE BOW FRAMES.  
2. FASTENERS CONSIST OF SELF-DRILLING SCREWS WITH CONTROL SEAL WASHER.  
3. 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.  
4. GROUND ANCHOR REQUIREMENTS ARE 1 @ EACH CORNER AND ONE EVERY OTHER INTERIOR BOW/RAFTER POST LOCATION, AT MAXIMUM OF 10' O.C., AND BOTH SIDES OF OPENINGS WHERE BASE RAIL IS ABSENT.  
5. GROUND ANCHORS ARE NOT REQUIRED WITH CONCRETE SLAB CONSTRUCTION.

DRAWING INDEX

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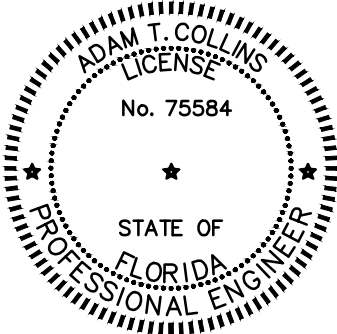
TABLE 1

| MEMBER       | PRODUCT APPROVAL NUMBER | WIND DESIGN PRESSURES |
|--------------|-------------------------|-----------------------|
| ROOF PANELS  | FL39466                 | +12.1 PSF / -40.2 PSF |
| WALL PANELS  | FL39594                 | +16.8 PSF / -21.3 PSF |
| GARAGE DOOR  | CTP                     | +16.8 PSF / -21.3 PSF |
| WALK-IN DOOR | CTP                     | +16.8 PSF / -21.3 PSF |

| DESIGN WIND PRESSURES | 120 MPH               |
|-----------------------|-----------------------|
| ZONE 1                | +12.1 PSF / -21.2 PSF |
| ZONE 2                | +12.1 PSF / -34.5 PSF |
| ZONE 3                | +12.1 PSF / -40.2 PSF |
| ZONE 4                | +16.8 PSF / -18.4 PSF |
| ZONE 5                | +16.8 PSF / -21.3 PSF |

CTP = CONTRACTOR TO PROVIDE 2020 FBC APPROVED PRODUCTS THAT MEET OR EXCEED DESIGN PRESSURES AS TABULATED.

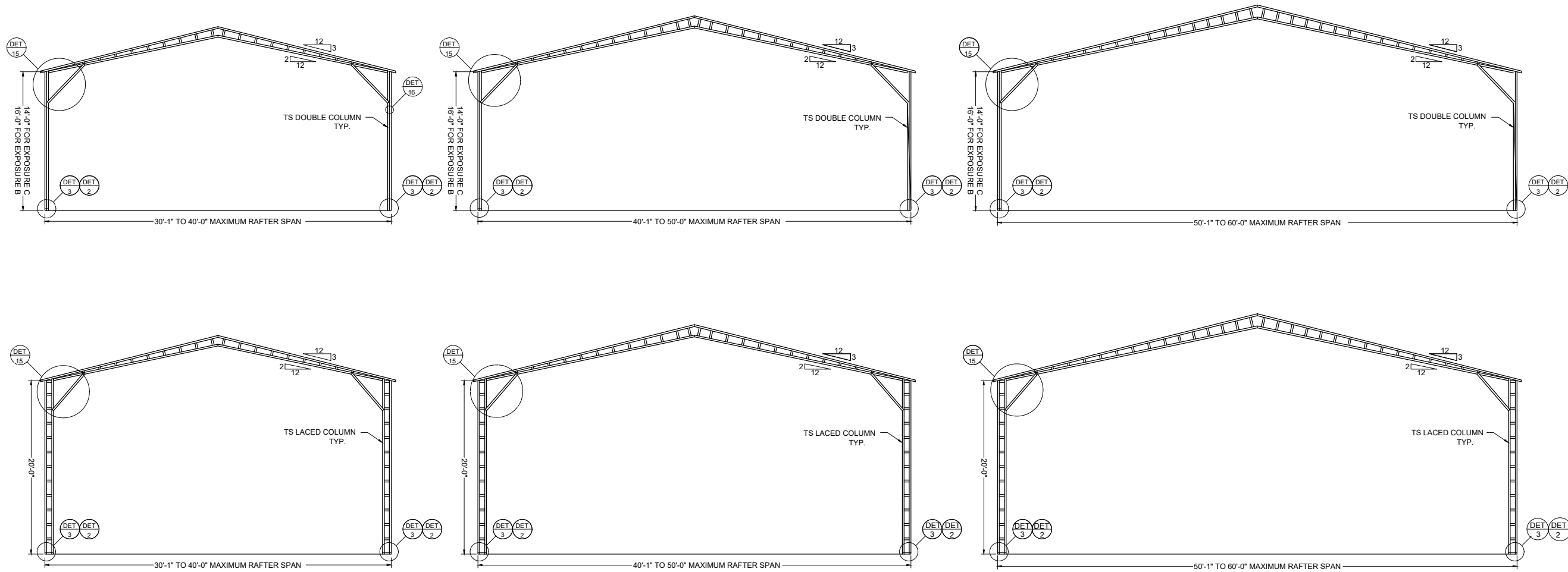
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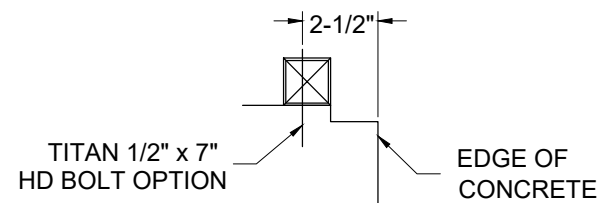
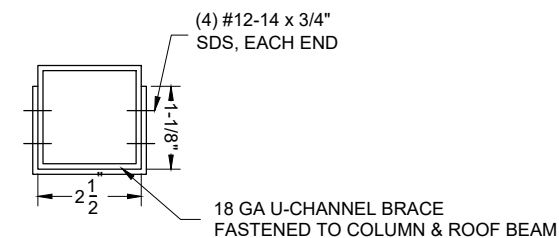
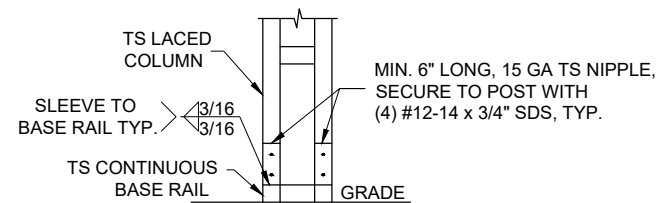
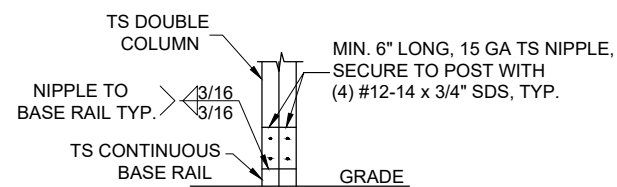
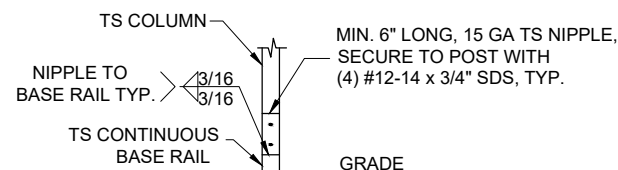
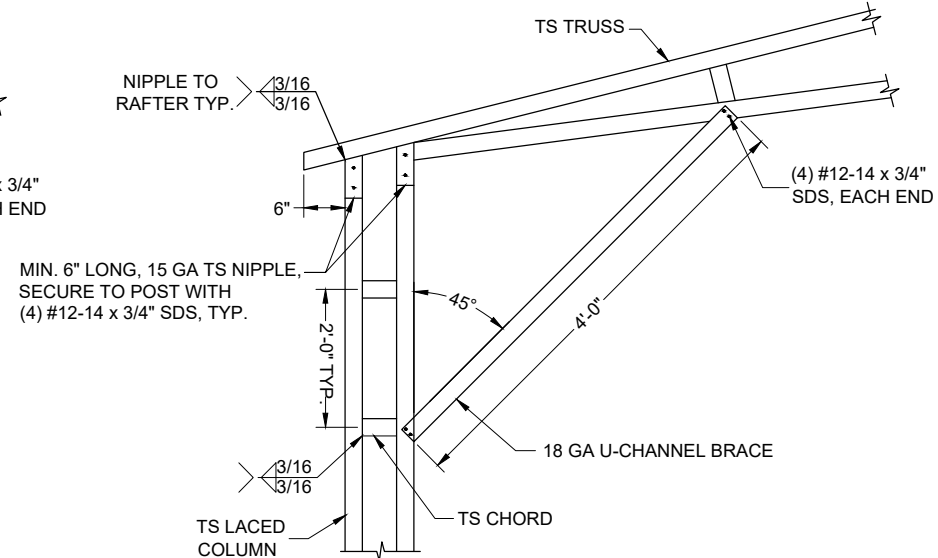
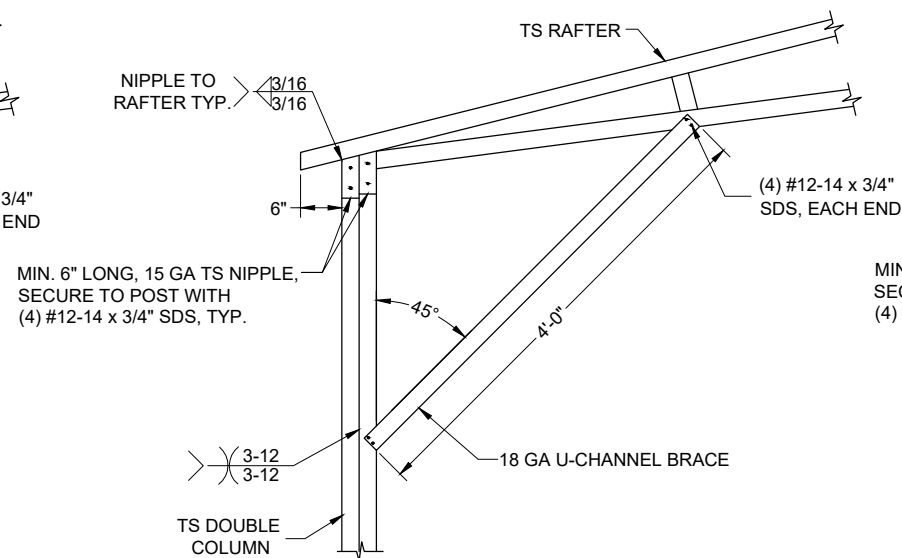
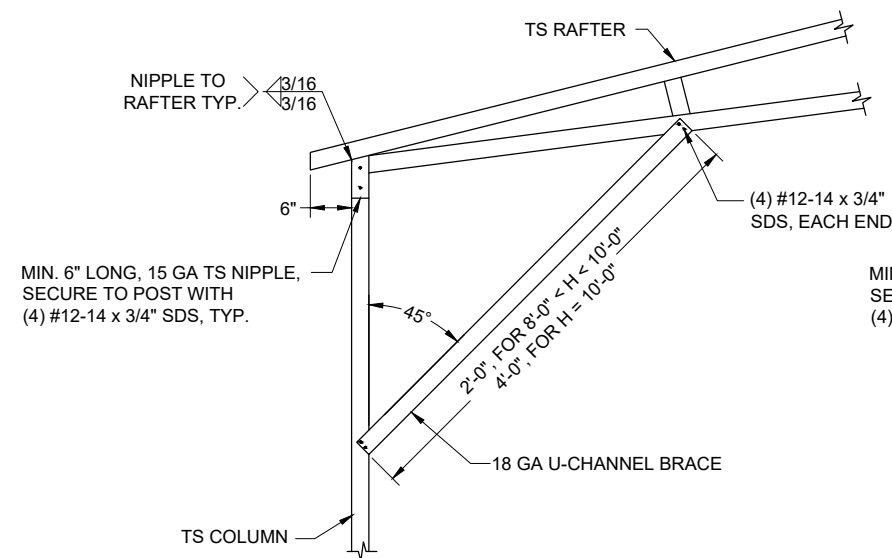


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GENERAL NOTES

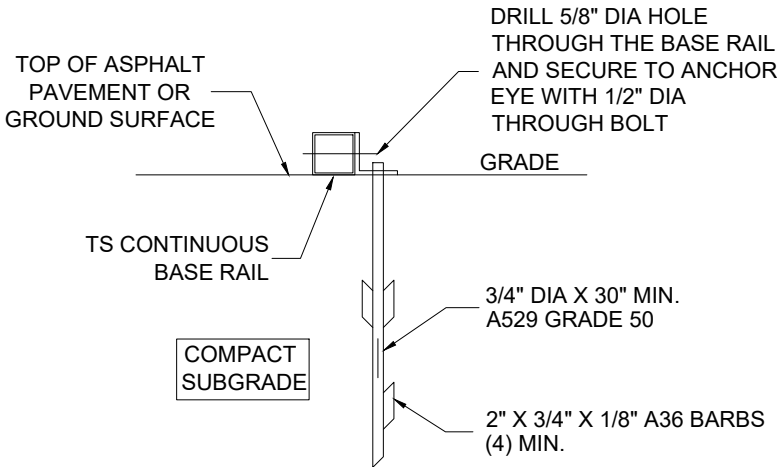
MINIMUM SOIL BEARING CAPACITY: 1500 PSF.  
CONCRETE STRENGTH: 3000 PSI @ 28 DAYS

REINFORCING STEEL

- 1. REBAR SHALL BE ASTM A615 GRADE 60
- 2. SLAB REINFORCEMENT = WELDED WIRE FABRIC PER ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT
- 3. CONCRETE COVER SHALL BE
  - 3.1. 3" WHERE EXPOSED TO SOIL OR WATER.
  - 3.2. 2" EVERYWHERE ELSE.
- 4. REBAR SHALL BE BENT WITHOUT HEATING.
- 5. MINIMUM BEND = 6 X BAR DIAMETER
- 6. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

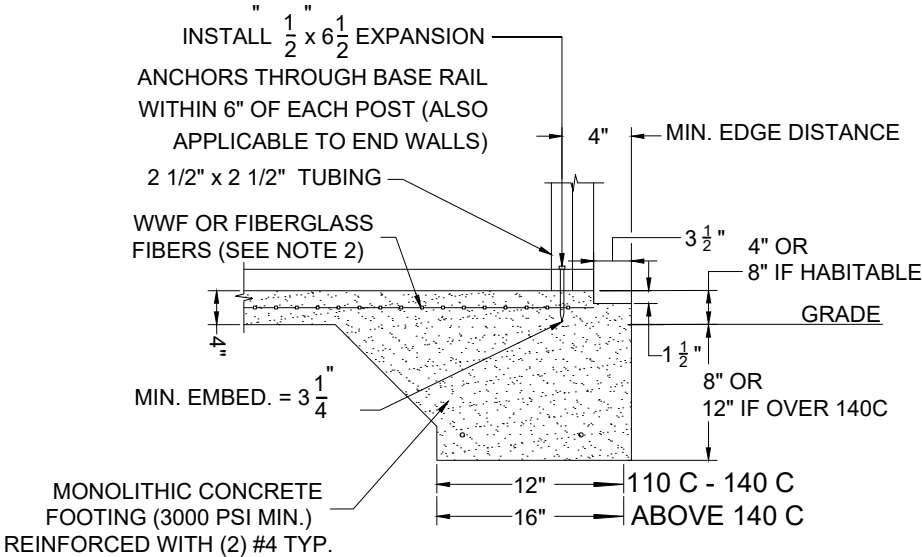
HELIX ANCHOR NOTES

- 1. USE MINIMUM (2) 4" HELICES WITH 30" EMBEDMENT FOR THE FOLLOWING SOILS:
  - 1.1. VERY DENSE AND/OR CEMENTED SANDS
  - 1.2. COARSE GRAVEL AND COBBLES
  - 1.3. CALICHE
  - 1.4. PRELOADED SILTS AND CLAYS
  - 1.5. CORALS
  - 1.6. MEDIUM DENSE COARSE SANDS
  - 1.7. SANDY GRAVEL
  - 1.8. VERY STIFF SILTS AND CLAYS
- 2. USE MINIMUM (2) 6" HELICES WITH MINIMUM 48" EMBEDMENT FOR
  - 2.1. LOOSE TO MEDIUM DENSE SANDS
  - 2.2. FIRM TO STIFF CLAYS AND SILTS
  - 2.3. ALLUVIAL FILL
- 3. USE MINIMUM (2) 8" HELICES WITH MINIMUM 60" EMBEDMENT.
  - 3.1. FOR VERY LOOSE TO MEDIUM DENSE SANDS
  - 3.2. FIRM TO STIFFER CLAYS AND SILTS
  - 3.3. ALLUVIAL FILL,

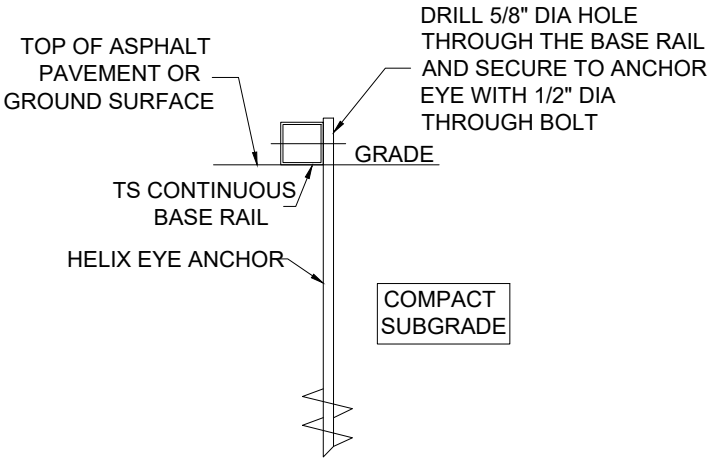


3C ASPHALT BASE ANCHORAGE  
(HP 9 BARBED DRIVE ANCHOR)  
SCALE: NTS

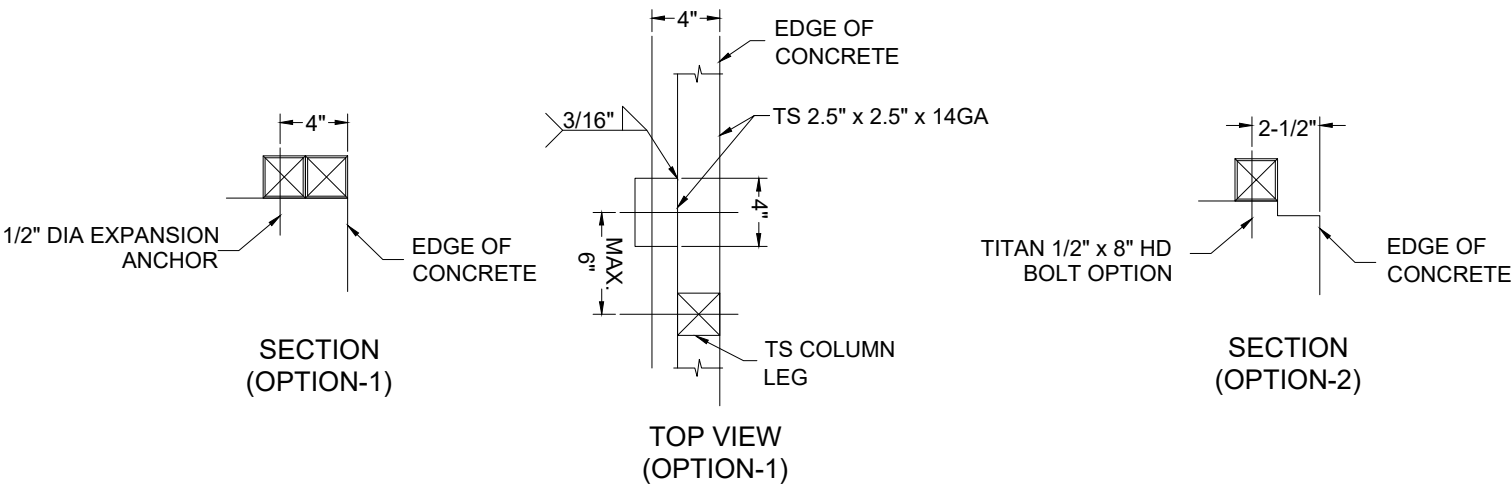
| MONOLITHIC FOOTER SIZE |                    |
|------------------------|--------------------|
| 110 C - 140 C          | 12" x 8" - (2) #4  |
| ABOVE 140 C            | 16" x 16" - (2) #4 |



3A CONCRETE MONOLITHIC SLAB  
BASE RAIL ANCHORAGE  
SCALE: NTS



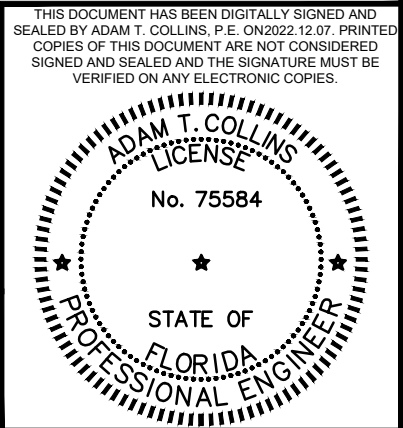
3B GROUND BASE HELIX ANCHORAGE  
SCALE: NTS

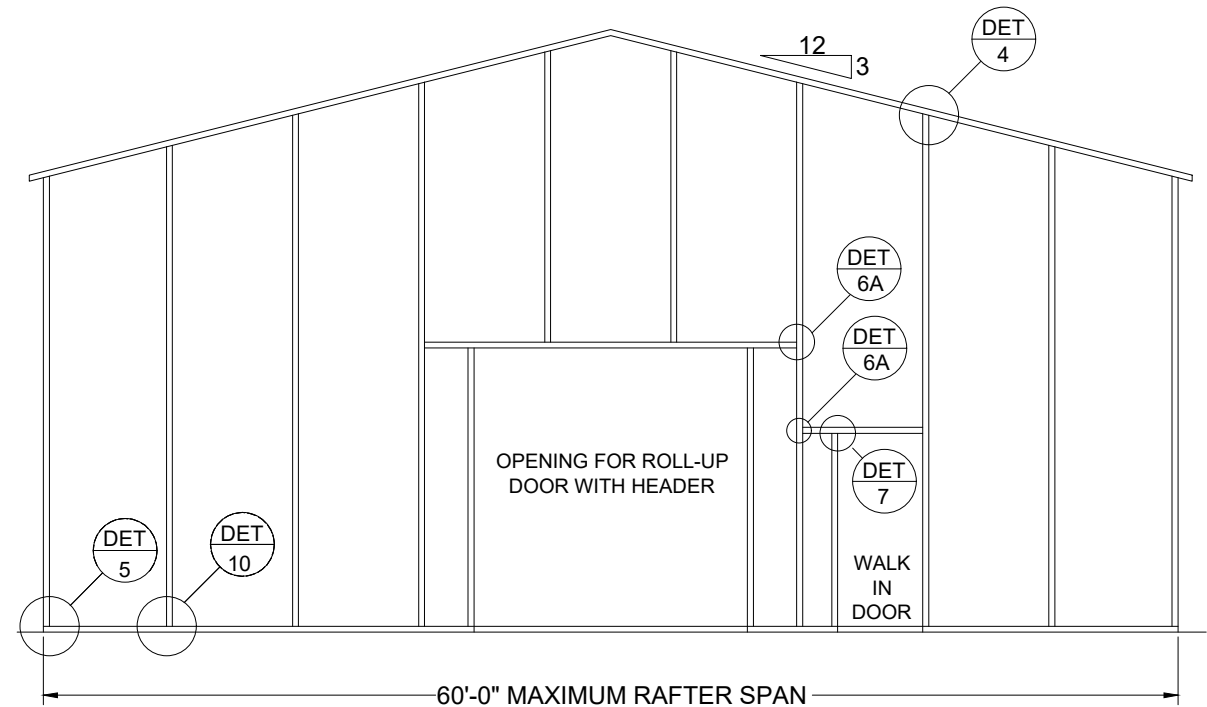


TYPICAL ANCHOR DETAIL WHEN BASE  
RAIL IS NEAR EDGE OF CONCRETE  
SCALE: NTS

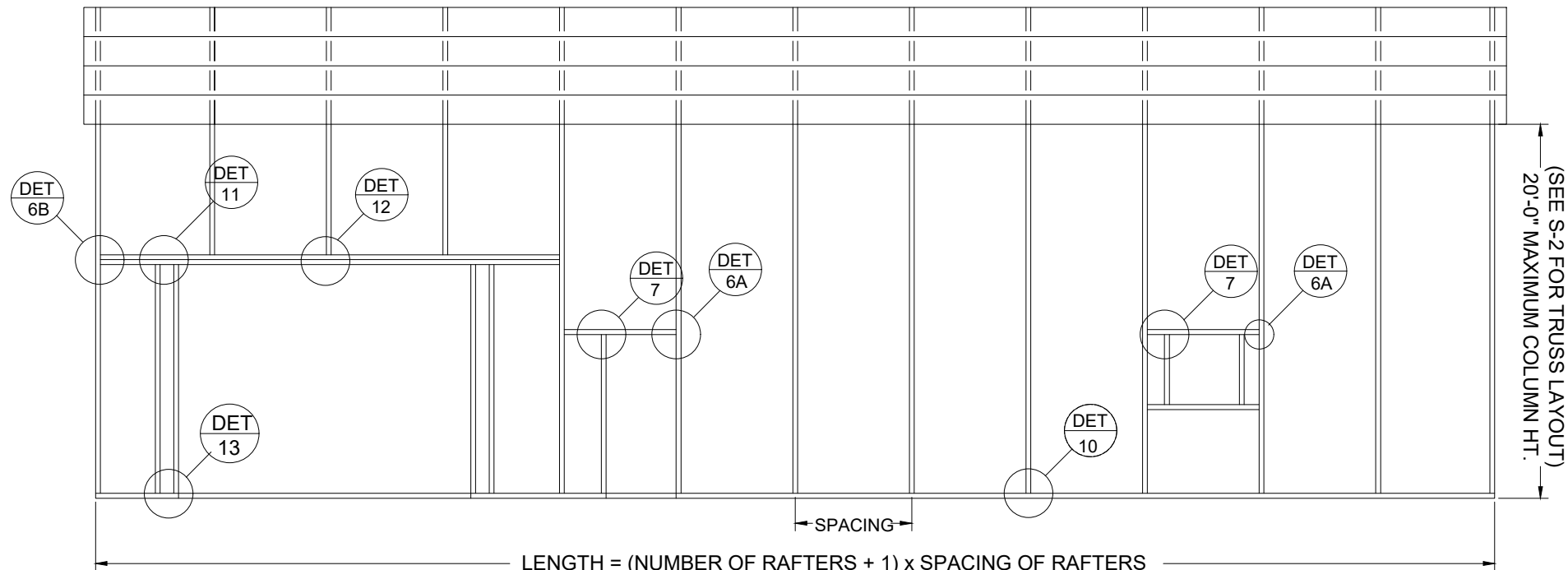
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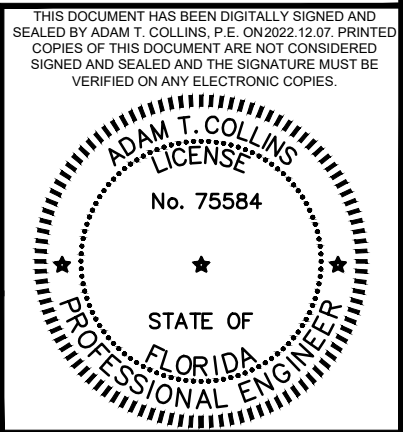
SPACING = 5'-0" FOR WIND SPEEDS BETWEEN 110 MPH AND 140 MPH  
SPACING = 4'-0" FOR WIND SPEEDS BETWEEN 140 MPH AND 180 MPH  
**TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION**  
SCALE: NTS



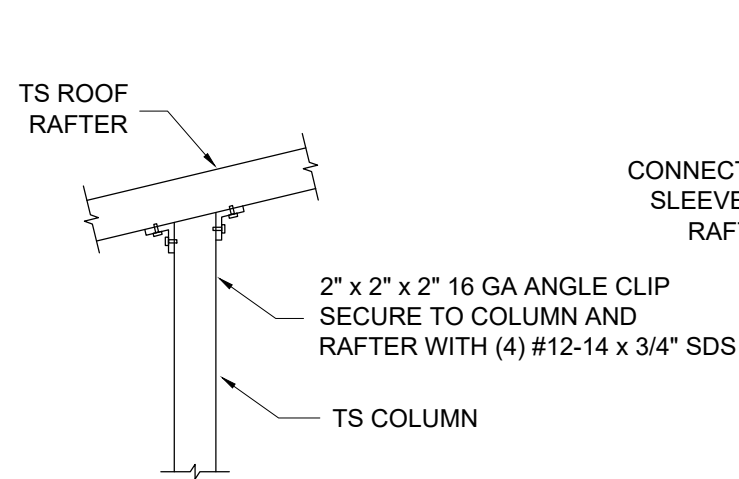
SPACING = 5'-0" FOR WIND SPEEDS BETWEEN 110 MPH AND 140 MPH  
SPACING = 4'-0" FOR WIND SPEEDS BETWEEN 140 MPH AND 180 MPH  
**TYPICAL BOX EAVE RAFTER SIDE FRAMING SECTION**  
SCALE: NTS

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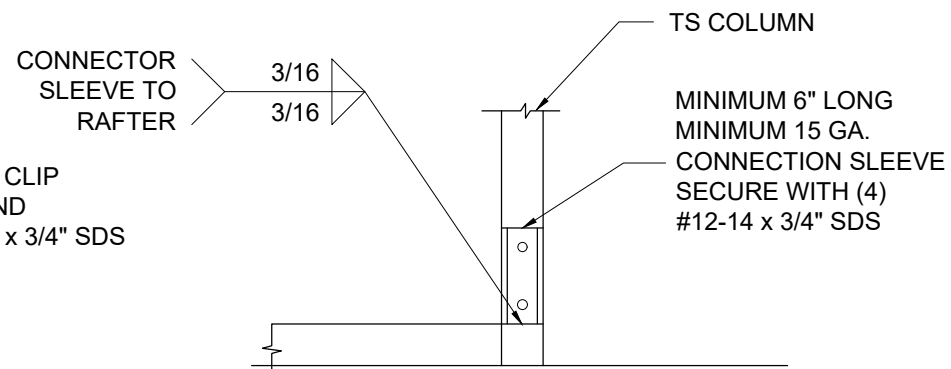
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|     |           |      | DESIGNED | DMC        |            |      |                                                                                                                                                                                   |                              |                                                               |                                                                | SCALE     |
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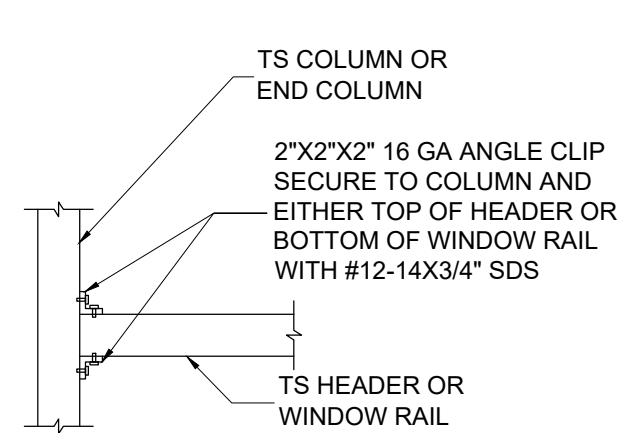
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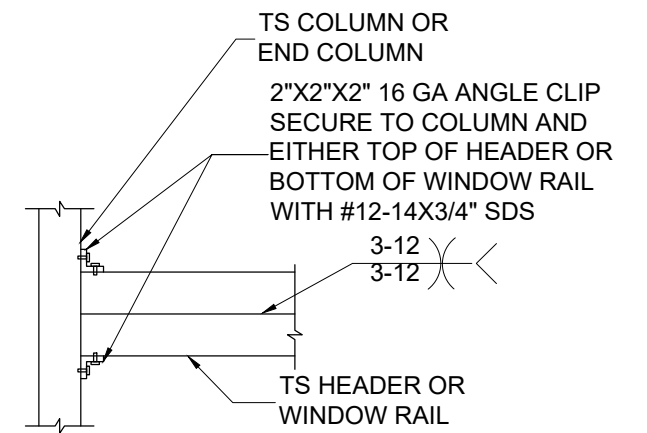
4 POST/RAFTER CONNECTION  
SCALE: NTS



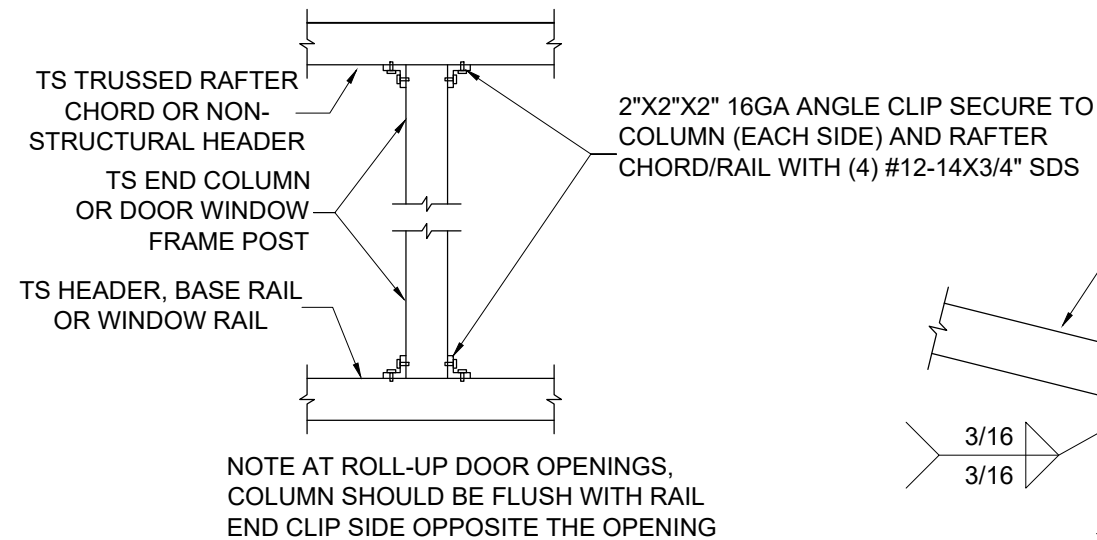
5 POST/BASE RAIL CONNECTION  
SCALE: NTS



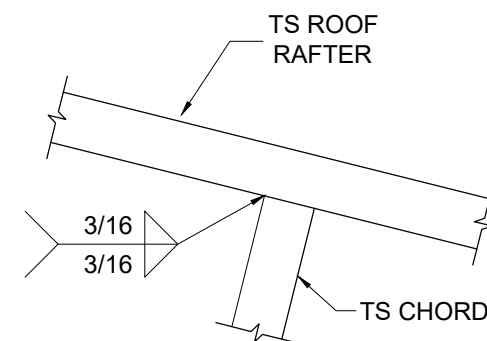
6A HEADER TO POST CONNECTION  
SCALE: NTS



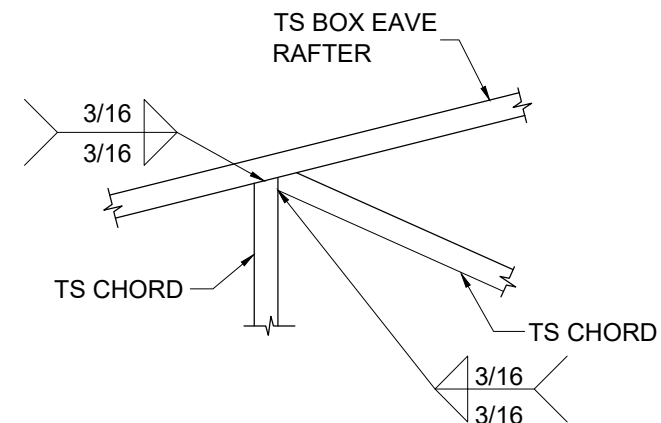
6B DOUBLE HEADER TO POST CONNECTION  
SCALE: NTS



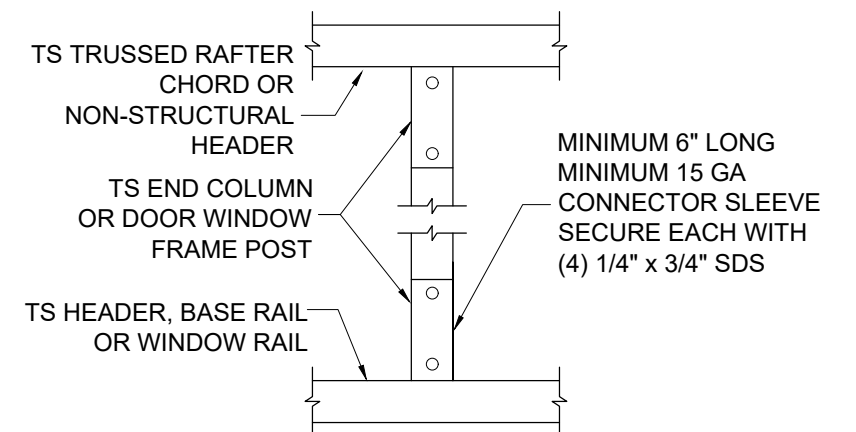
7 POST TO HEADER, BASE RAIL OR WINDOW RAIL CONNECTION  
SCALE: NTS



8 RAFTER TO CHORD CONNECTION  
SCALE: NTS

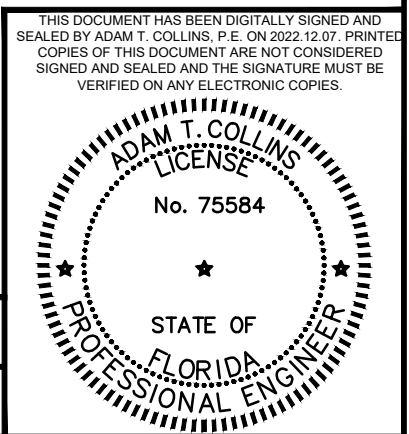


9 TRUSS POST AND CHORD TO RAFTER CONNECTION  
SCALE: NTS

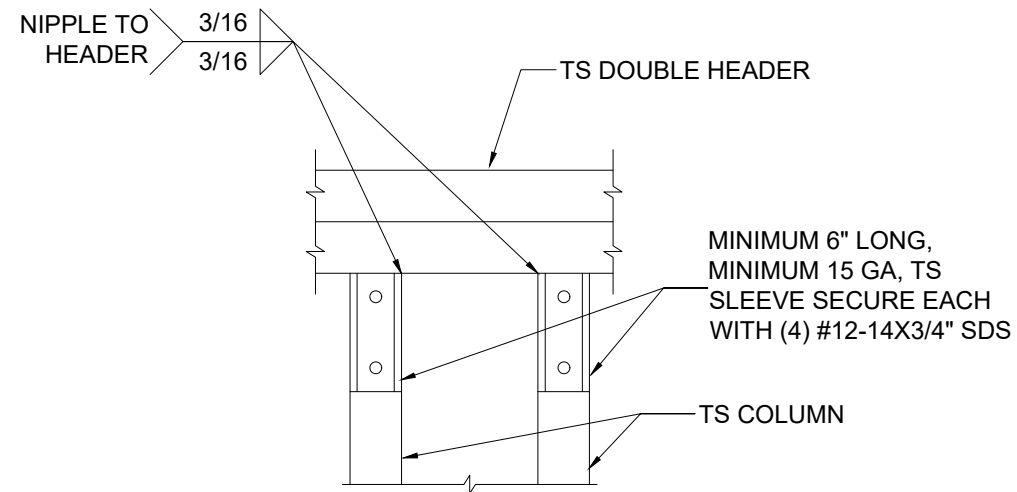


10 POST TO HEADER, BASE RAIL CONNECTION  
SCALE: NTS

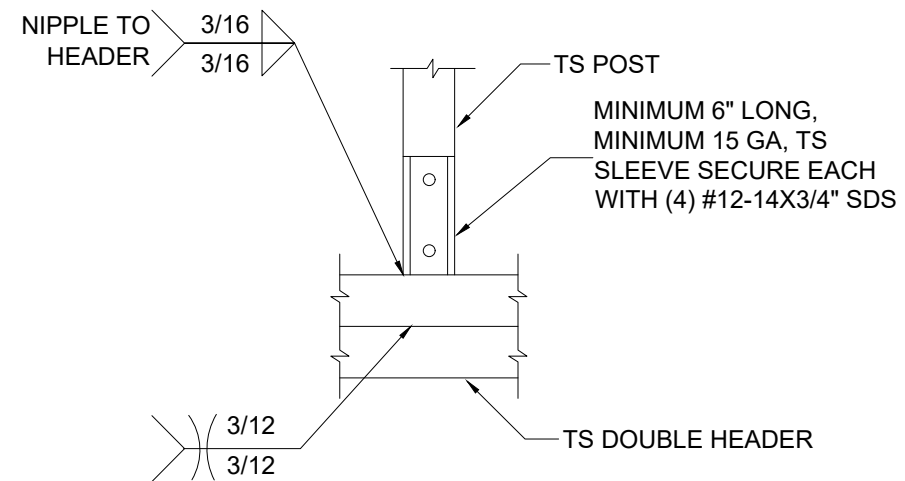
| NO. | REVISIONS | DATE | DATE     | 2022.12.07 | SUBMITTALS | DATE     | PREPARED BY                                                                                                                                                                          | CLIENT                       | SHEET TITLE                    | PROJECT                                                        | SHEET NO. |
|-----|-----------|------|----------|------------|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------|----------------------------------------------------------------|-----------|
|     |           |      | DRAWN    | SM         |            |          | <br><b>ADAM COLLINS</b><br>ENGINEERING INC.<br>CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM | ELITE METAL<br>MANUFACTURING | CONNECTION DETAILS<br>(2 OF 4) | Jon Windham<br>4219 SE Country Club Rd.<br>Lake City, FL 32025 | S-6       |
|     |           |      | DESIGNED | DMC        |            | SCALE    |                                                                                                                                                                                      |                              |                                |                                                                |           |
|     |           |      | CHECKED  | ATC        |            | AS SHOWN |                                                                                                                                                                                      |                              |                                |                                                                |           |
|     |           |      | JOB No.  | 22047      |            |          |                                                                                                                                                                                      |                              |                                |                                                                |           |



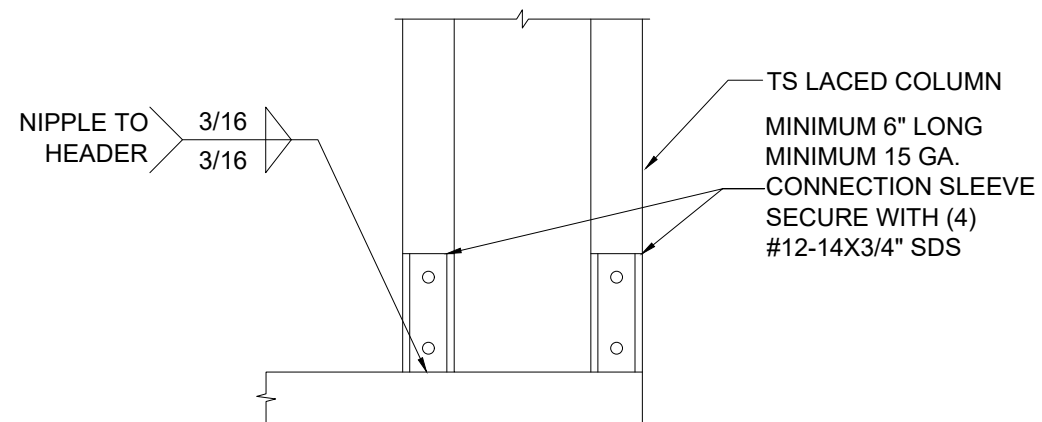
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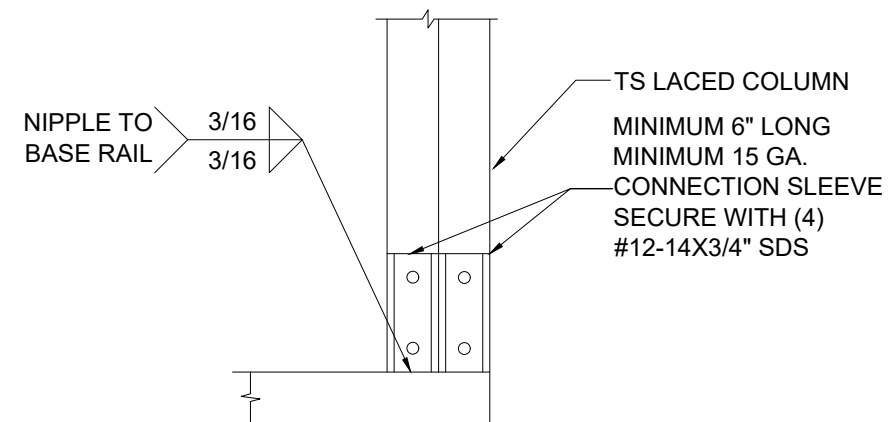
11 DOUBLE HEADER TO POST CONNECTION  
SCALE: NTS



12 POST/DOUBLE HEADER CONNECTION  
SCALE: NTS

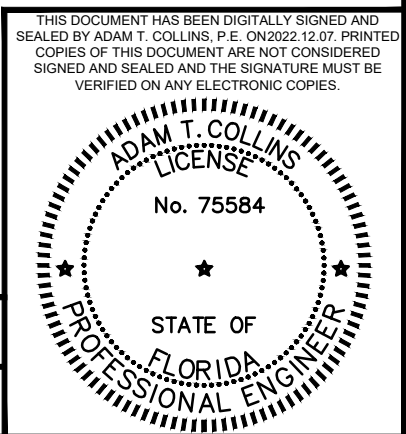


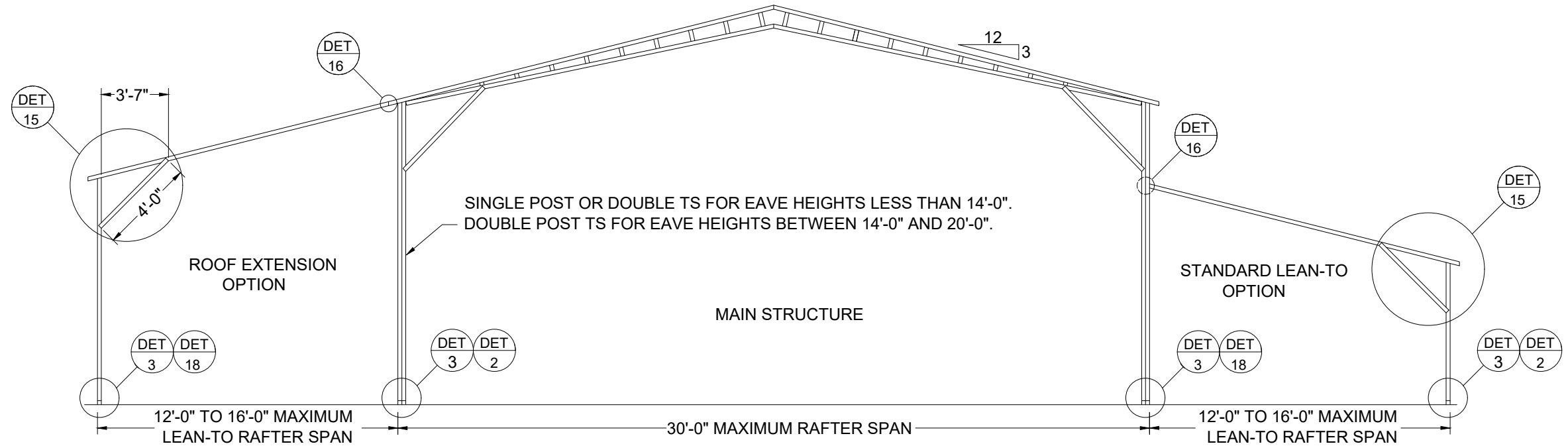
13A POST/BASE RAIL CONNECTION  
SCALE: NTS



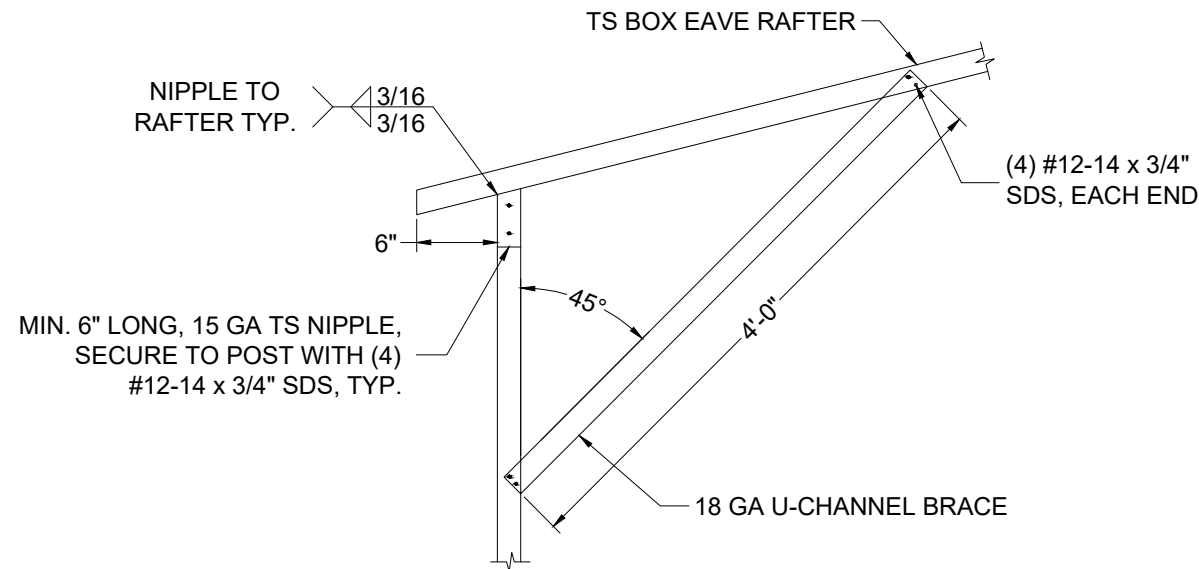
13B POST/BASE RAIL CONNECTION  
SCALE: NTS

| NO. | REVISIONS | DATE | DATE     | 2022.12.07 | SUBMITTALS | DATE | PREPARED BY                                                                                                                               | CLIENT                       | SHEET TITLE                    | PROJECT                                                        | SHEET NO. |
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|     |           |      | DRAWN    | SM         |            |      | <br>CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM | ELITE METAL<br>MANUFACTURING | CONNECTION DETAILS<br>(3 OF 4) | Jon Windham<br>4219 SE Country Club Rd.<br>Lake City, FL 32025 | S-7       |
|     |           |      | DESIGNED | DMC        |            |      |                                                                                                                                           |                              |                                |                                                                | SCALE     |
|     |           |      | CHECKED  | ATC        |            |      |                                                                                                                                           |                              |                                |                                                                | AS SHOWN  |
|     |           |      | JOB No.  | 22047      |            |      |                                                                                                                                           |                              |                                |                                                                |           |



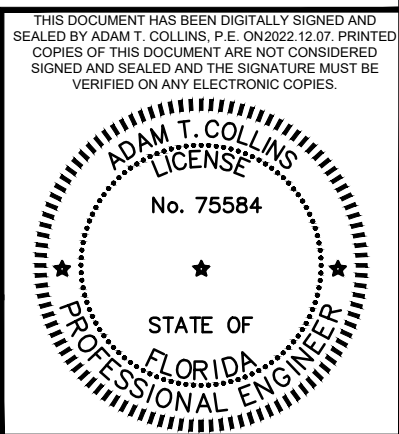


**TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION**  
SCALE: NTS

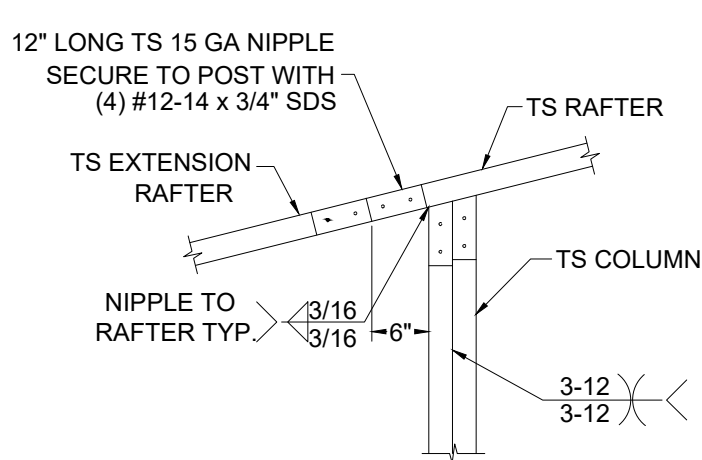


**LEAN-TO RAFTER/CORNER POST CONNECTION**  
SCALE: NTS

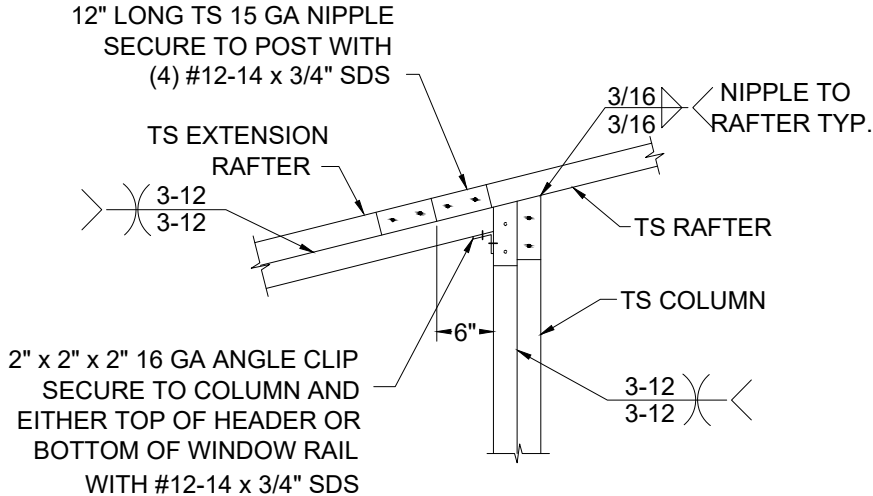
| NO. | REVISIONS | DATE | DATE     | 2022.12.07 | SUBMITTALS | DATE     | PREPARED BY                                                                                                                               | CLIENT                       | SHEET TITLE                        | PROJECT                                                        | SHEET NO. |
|-----|-----------|------|----------|------------|------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------|----------------------------------------------------------------|-----------|
|     |           |      | DRAWN    | SM         |            |          | <br>CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM | ELITE METAL<br>MANUFACTURING | BOX EAVE RAFTER<br>LEAN TO OPTIONS | Jon Windham<br>4219 SE Country Club Rd.<br>Lake City, FL 32025 | S-8       |
|     |           |      | DESIGNED | DMC        |            | SCALE    |                                                                                                                                           |                              |                                    |                                                                |           |
|     |           |      | CHECKED  | ATC        |            | AS SHOWN |                                                                                                                                           |                              |                                    |                                                                |           |
|     |           |      | JOB No.  | 22047      |            |          |                                                                                                                                           |                              |                                    |                                                                |           |



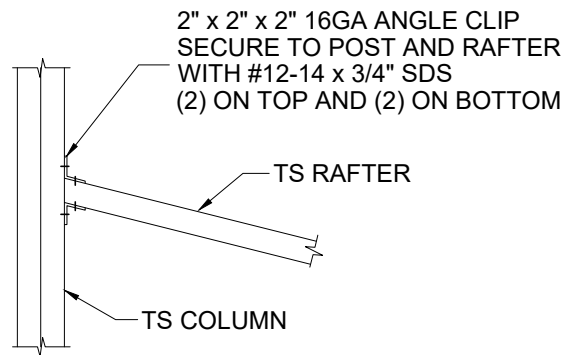
CONNECTION DETAILS



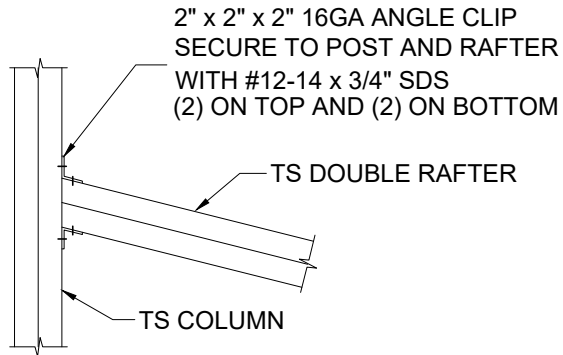
16A SIDE EXTENSION RAFTER/POST CONNECTION  
RAFTER SPAN LESS THAN 12'-0"  
SCALE: NTS



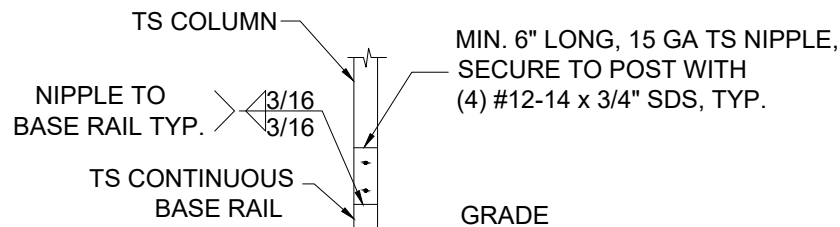
16B SIDE EXTENSION RAFTER/POST CONNECTION  
RAFTER SPAN BETWEEN 12'-0" AND 16'- 0"  
SCALE: NTS



17A LEAN TO RAFTER/COLUMN CONNECTION  
RAFTER SPAN LESS THAN 12'-0"  
SCALE: NTS



17B LEAN TO RAFTER/COLUMN CONNECTION  
RAFTER SPAN BETWEEN 12'-0" AND 16'-0"  
SCALE: NTS



18 LEAN-TO POST CONNECTION  
SCALE: NTS

COLUMN TO BE DOUBLE TS FOR EAVE HEIGHTS BETWEEN 6'-0" AND 16'-0".  
COLUMN TO BE LACED TS FOR EAVE HEIGHTS BETWEEN 15'-0" AND 20'-0".

| NO. | REVISIONS | DATE | DATE     | 2022.12.07 | SUBMITTALS | DATE     | PREPARED BY                                                                                                                                                                       | CLIENT                       | SHEET TITLE                    | PROJECT                                                        | SHEET NO. |
|-----|-----------|------|----------|------------|------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------|----------------------------------------------------------------|-----------|
|     |           |      | DRAWN    | SM         |            |          |  <b>ADAM COLLINS</b><br>ENGINEERING INC.<br>CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM | ELITE METAL<br>MANUFACTURING | CONNECTION DETAILS<br>(4 OF 4) | Jon Windham<br>4219 SE Country Club Rd.<br>Lake City, FL 32025 | S-9       |
|     |           |      | DESIGNED | DMC        |            | SCALE    |                                                                                                                                                                                   |                              |                                |                                                                |           |
|     |           |      | CHECKED  | ATC        |            | AS SHOWN |                                                                                                                                                                                   |                              |                                |                                                                |           |
|     |           |      | JOB No.  | 22047      |            |          |                                                                                                                                                                                   |                              |                                |                                                                |           |

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ADAM T. COLLINS

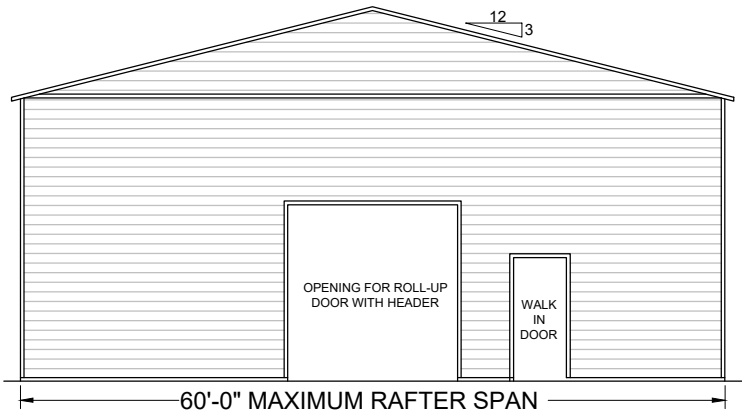
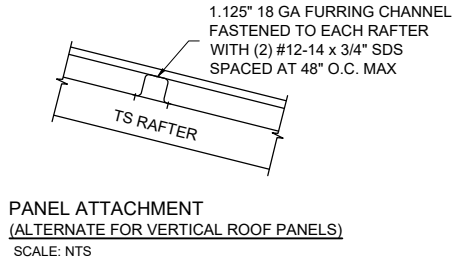
LICENSE

No. 75584

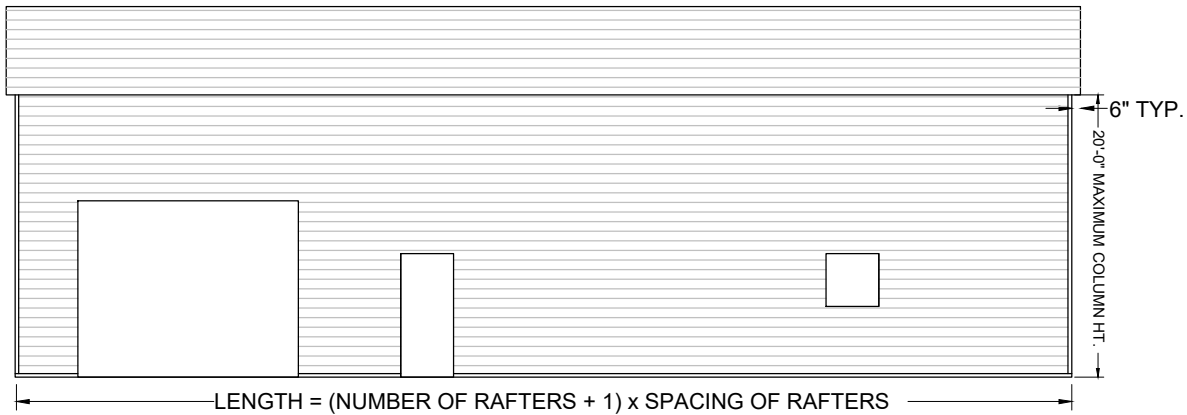
STATE OF FLORIDA

PROFESSIONAL ENGINEER

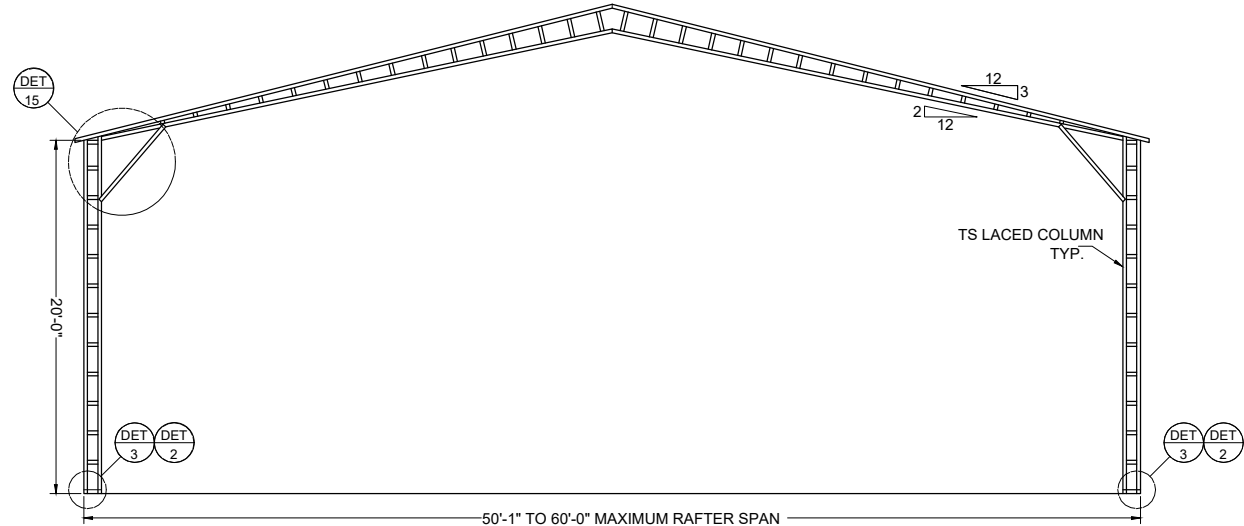
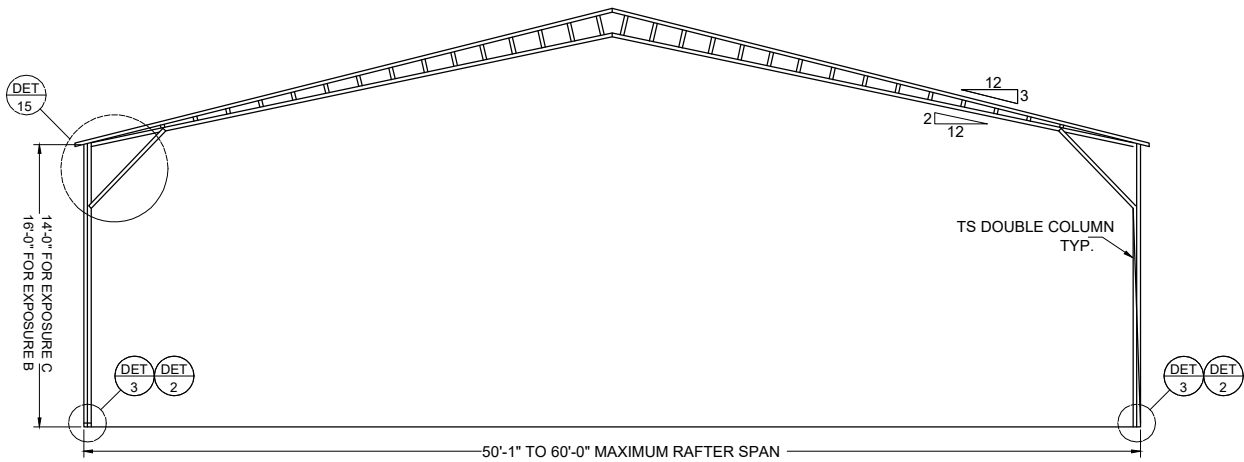
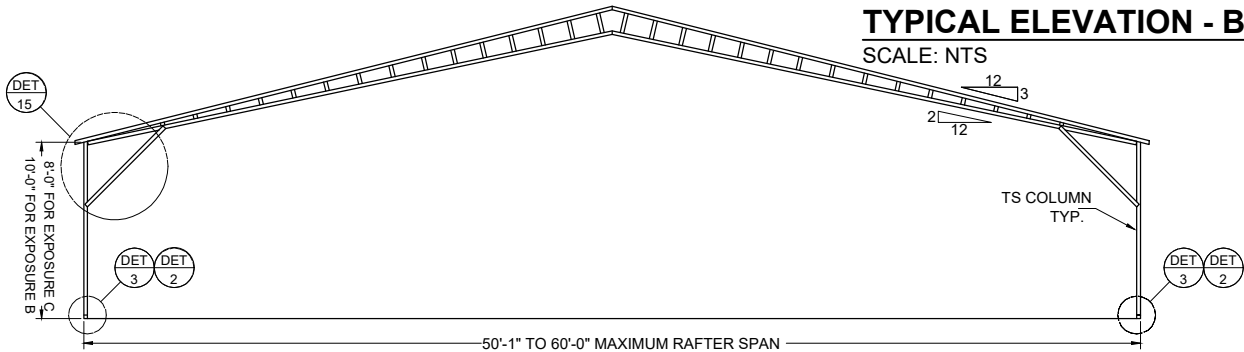
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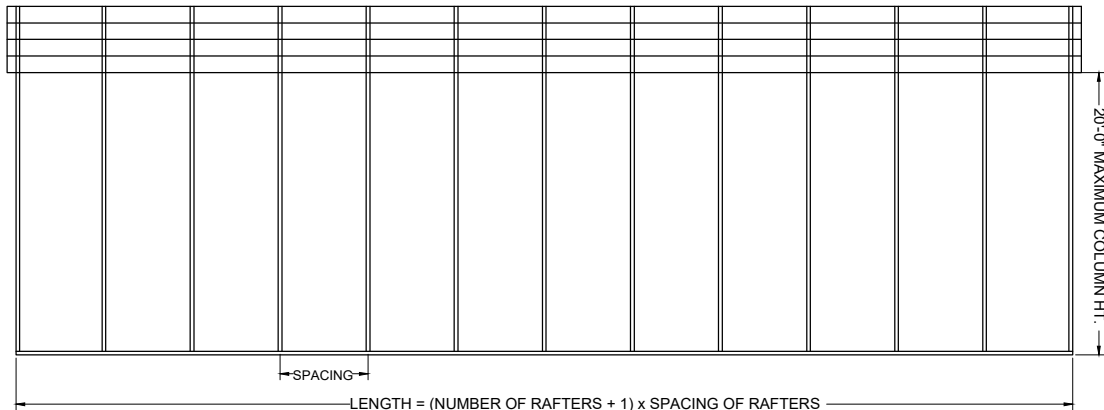
**TYPICAL ELEVATION - BOX EAVE**  
SCALE: NTS



**TYPICAL SIDE ELEVATION**  
SCALE: NTS

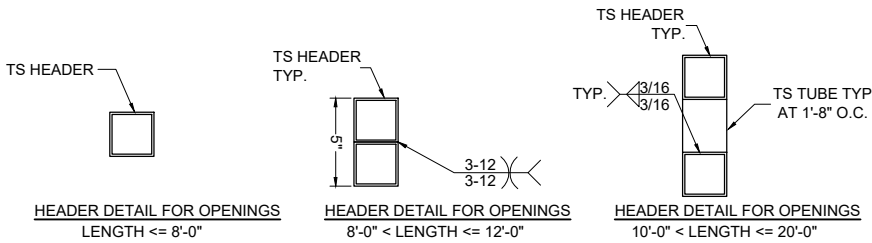


**BOX EAVE FRAME**  
SCALE: NTS

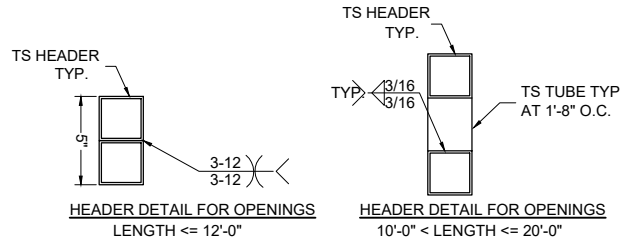


SPACING = 5'-0" FOR WIND SPEEDS BETWEEN 110 MPH AND 140 MPH  
SPACING = 4'-0" FOR WIND SPEEDS BETWEEN 140 MPH AND 180 MPH  
1.125" 18 GA HAT CHANNELS CAN BE USED IN LIEU OF TS FOR GIRTS.

**TYPICAL SIDE FRAME SECTION**  
SCALE: NTS

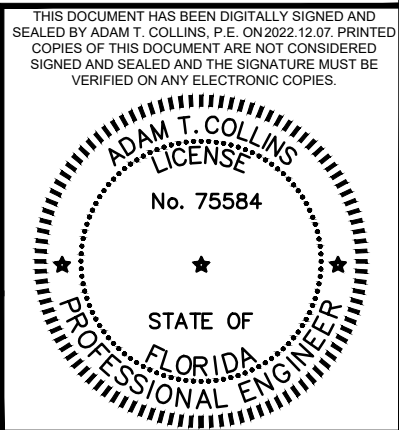


**SIDE WALL OPTION HEADER**  
SCALE: NTS



**END WALL OPTION HEADER**  
SCALE: NTS

| NO. | REVISIONS | DATE | DATE     | 2022.12.07 | SUBMITTALS | DATE     | PREPARED BY                                                                                                                               | CLIENT                       | SHEET TITLE                                       | PROJECT                                                        | SHEET NO. |
|-----|-----------|------|----------|------------|------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------|----------------------------------------------------------------|-----------|
|     |           |      | DRAWN    | SM         |            |          | <br>CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM | ELITE METAL<br>MANUFACTURING | BOX EAVE RAFTER<br>VERTICAL<br>ROOF-SIDING OPTION | Jon Windham<br>4219 SE Country Club Rd.<br>Lake City, FL 32025 | S-10      |
|     |           |      | DESIGNED | DMC        |            | SCALE    |                                                                                                                                           |                              |                                                   |                                                                |           |
|     |           |      | CHECKED  | ATC        |            | AS SHOWN |                                                                                                                                           |                              |                                                   |                                                                |           |
|     |           |      | JOB No.  | 22047      |            |          |                                                                                                                                           |                              |                                                   |                                                                |           |



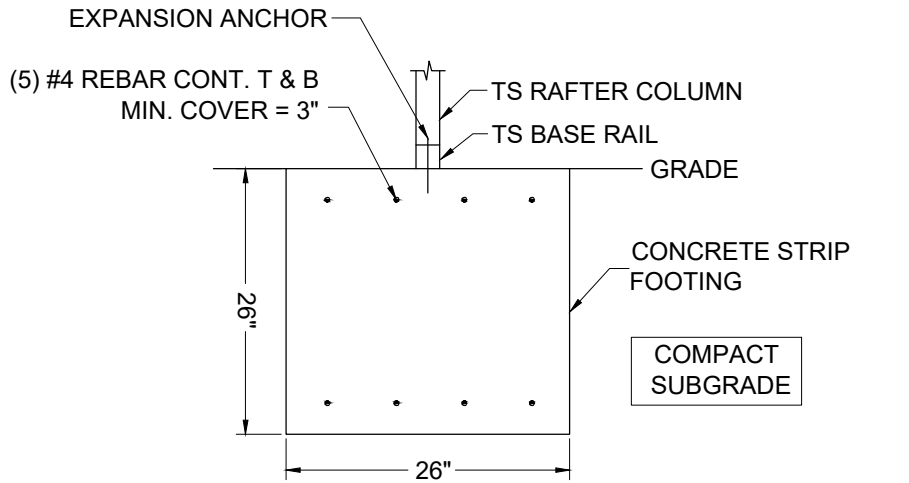
GENERAL NOTES

MINIMUM SOIL BEARING CAPACITY: 1500 PSF.  
CONCRETE STRENGTH: 3000 PSI @ 28 DAYS

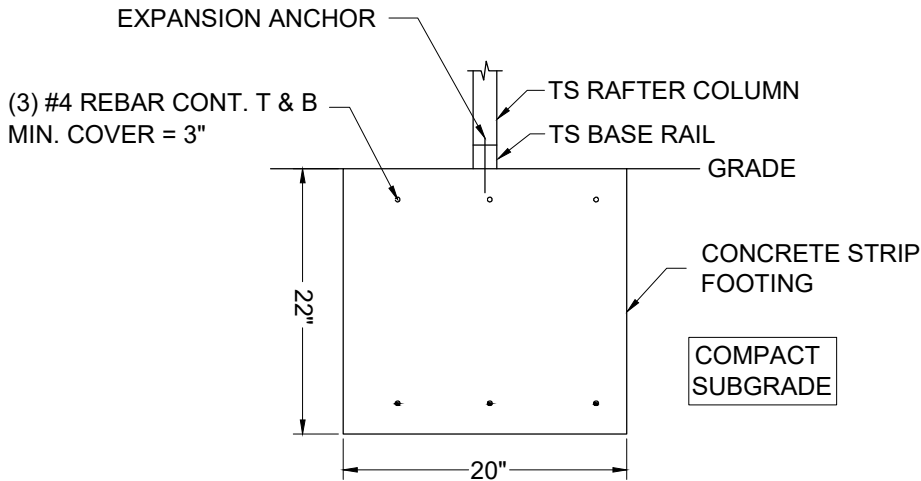
REINFORCING STEEL

- 1. REBAR SHALL BE ASTM A615 GRADE 60
- 2. SLAB REINFORCEMENT = WELDED WIRE FABRIC PER ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT
- 3. CONCRETE COVER SHALL BE
  - 3.1. 3" WHERE EXPOSED TO SOIL OR WATER.
  - 3.2. 2" EVERYWHERE ELSE.
- 4. REBAR SHALL BE BENT WITHOUT HEATING.
- 5. MINIMUM BEND = 6 X BAR DIAMETER
- 6. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

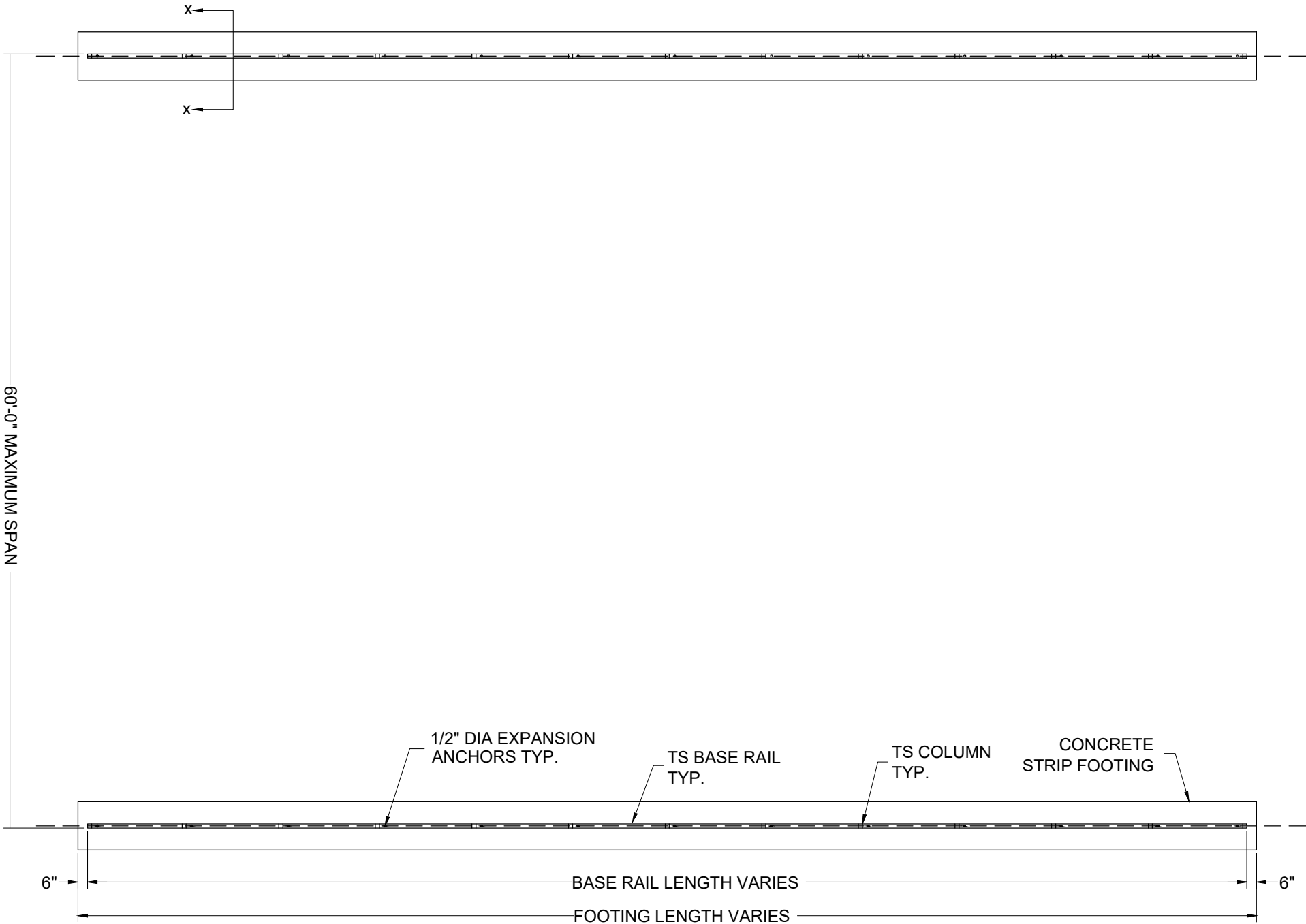
| STRIP FOOTER SIZE |         |
|-------------------|---------|
| 110 C - 140 C     | 20"X22" |
| ABOVE 140 C       | 26"X26" |



SECTION X-X  
SCALE: NTS



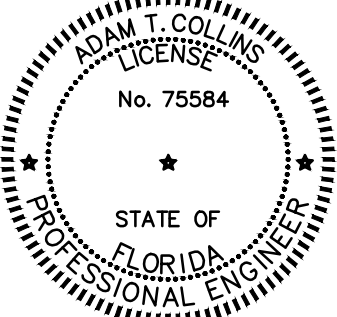
SECTION X-X  
SCALE: NTS



CONCRETE STRIP FOOTING PLAN  
SCALE: NTS

| NO. | REVISIONS | DATE | DATE     | 2022.12.07 | SUBMITTALS | DATE | PREPARED BY                                                                                                                                                                   | CLIENT                       | SHEET TITLE                        | PROJECT                                                        | SHEET NO. |
|-----|-----------|------|----------|------------|------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------|----------------------------------------------------------------|-----------|
|     |           |      | DRAWN    | SM         |            |      | <br>ADAM COLLINS<br>ENGINEERING INC.<br>CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM | ELITE METAL<br>MANUFACTURING | OPTIONAL CONCRETE<br>STRIP FOOTING | Jon Windham<br>4219 SE Country Club Rd.<br>Lake City, FL 32025 | S-11      |
|     |           |      | DESIGNED | DMC        |            |      |                                                                                                                                                                               |                              |                                    |                                                                | SCALE     |
|     |           |      | CHECKED  | ATC        |            |      |                                                                                                                                                                               |                              |                                    |                                                                | AS SHOWN  |
|     |           |      | JOB No.  | 22047      |            |      |                                                                                                                                                                               |                              |                                    |                                                                |           |

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PROFESSIONAL ENGINEER

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HELIX ANCHOR NOTES

1. USE MINIMUM (2) 4" HELICES WITH 30" EMBEDMENT FOR THE FOLLOWING SOILS:
- 1.1. VERY DENSE AND/OR CEMENTED SANDS

1.2. COARSE GRAVEL AND COBBLES

1.3. CALICHE

1.4. PRELOADED SILTS AND CLAYS

1.5. CORALS

1.6. MEDIUM DENSE COARSE SANDS

1.7. SANDY GRAVEL

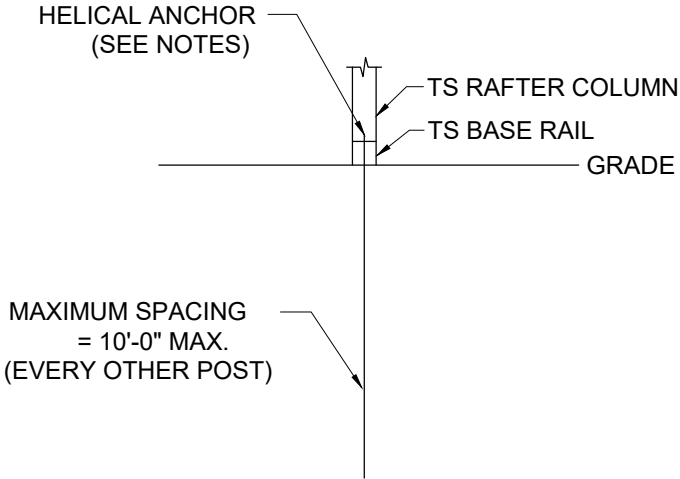
1.8. VERY STIFF SILTS AND CLAYS
2. USE MINIMUM (2) 6" HELICES WITH MINIMUM 50" EMBEDMENT FOR
- 2.1. LOOSE TO MEDIUM DENSE SANDS

2.2. FIRM TO STIFF CLAYS AND SILTS

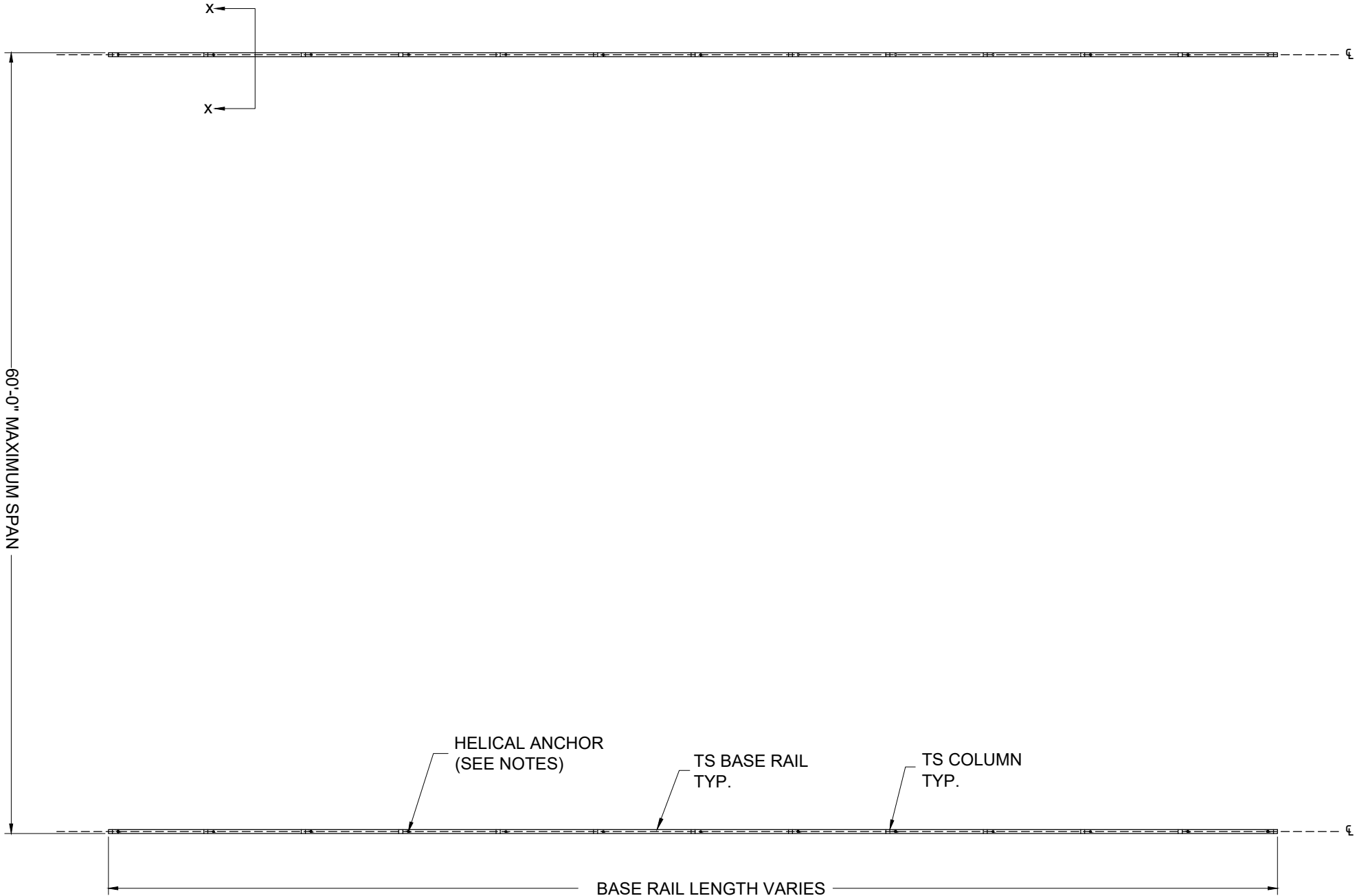
2.3. ALLUVIAL FILL
3. USE MINIMUM (2) 8" HELICES WITH MINIMUM 60" EMBEDMENT.
- 3.1. FOR VERY LOOSE TO MEDIUM DENSE SANDS

3.2. FIRM TO STIFFER CLAYS AND SILTS

3.3. ALLUVIAL FILL,



SECTION X-X  
SCALE: NTS



BASE RAIL PLAN  
SCALE: NTS

|     |           |      |          |            |            |          |                                                                                                                                                                                   |                              |                                      |                                                                |           |
|-----|-----------|------|----------|------------|------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------|----------------------------------------------------------------|-----------|
| NO. | REVISIONS | DATE | DATE     | 2022.12.07 | SUBMITTALS | DATE     | PREPARED BY                                                                                                                                                                       | CLIENT                       | SHEET TITLE                          | PROJECT                                                        | SHEET NO. |
|     |           |      | DRAWN    | SM         |            |          |  <b>ADAM COLLINS</b><br>ENGINEERING INC.<br>CA# 31728 ~ P: 386.320.7400 ~ WWW.COLLINSENG.COM | ELITE METAL<br>MANUFACTURING | OPTIONAL HELICAL<br>ANCHORING DETAIL | Jon Windham<br>4219 SE Country Club Rd.<br>Lake City, FL 32025 | S-12      |
|     |           |      | DESIGNED | DMC        |            | SCALE    |                                                                                                                                                                                   |                              |                                      |                                                                |           |
|     |           |      | CHECKED  | ATC        |            | AS SHOWN |                                                                                                                                                                                   |                              |                                      |                                                                |           |
|     |           |      | JOB No.  | 22047      |            |          |                                                                                                                                                                                   |                              |                                      |                                                                |           |

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