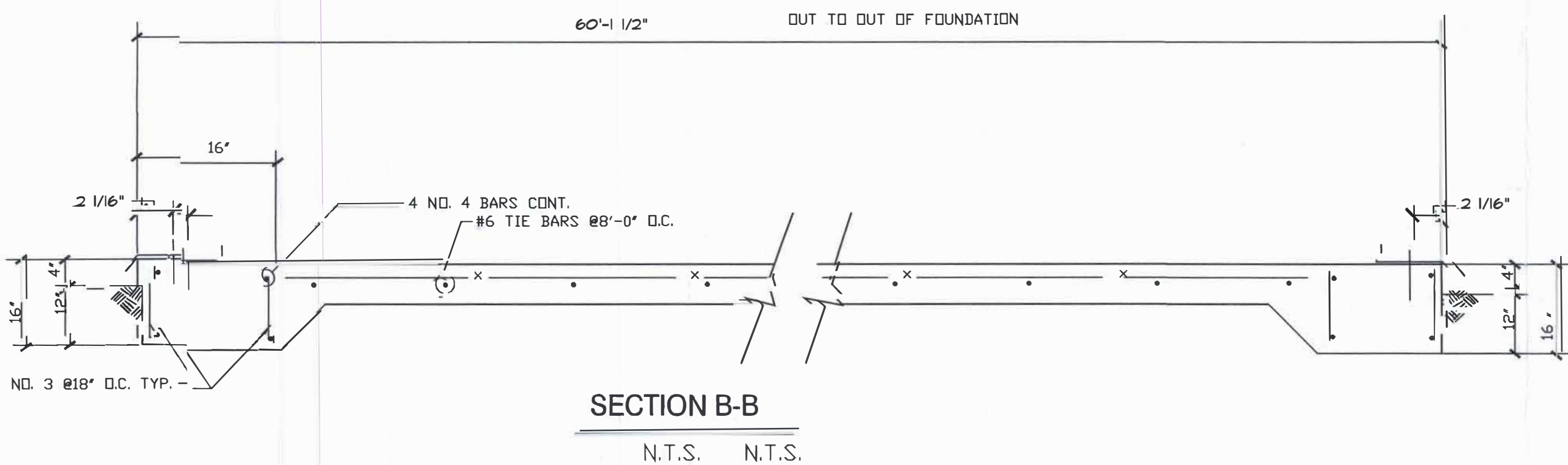
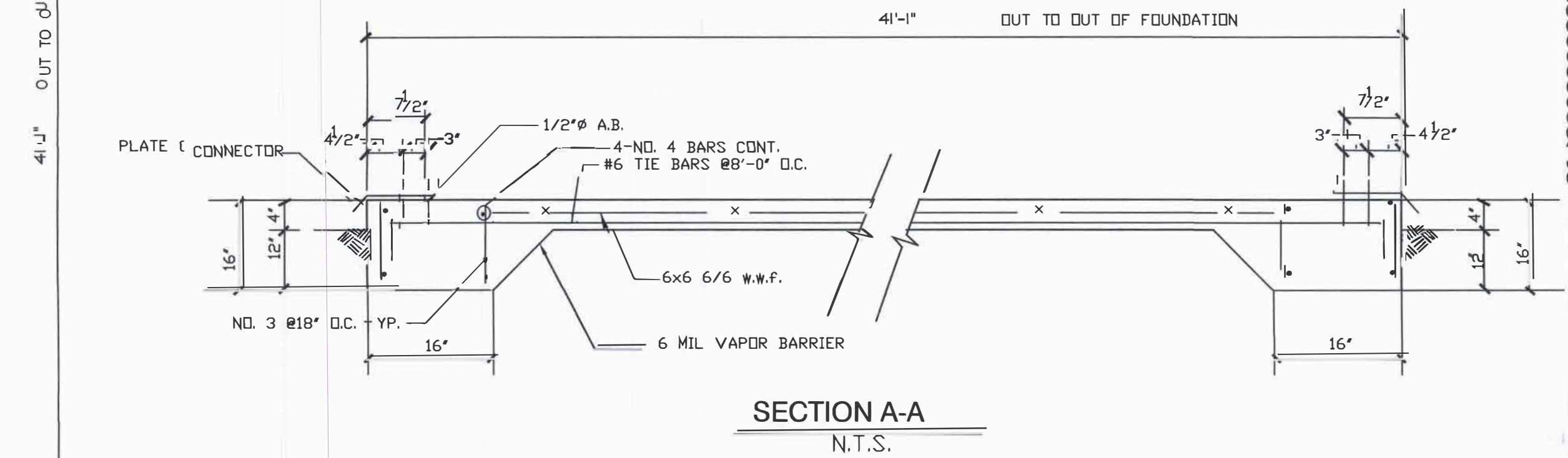
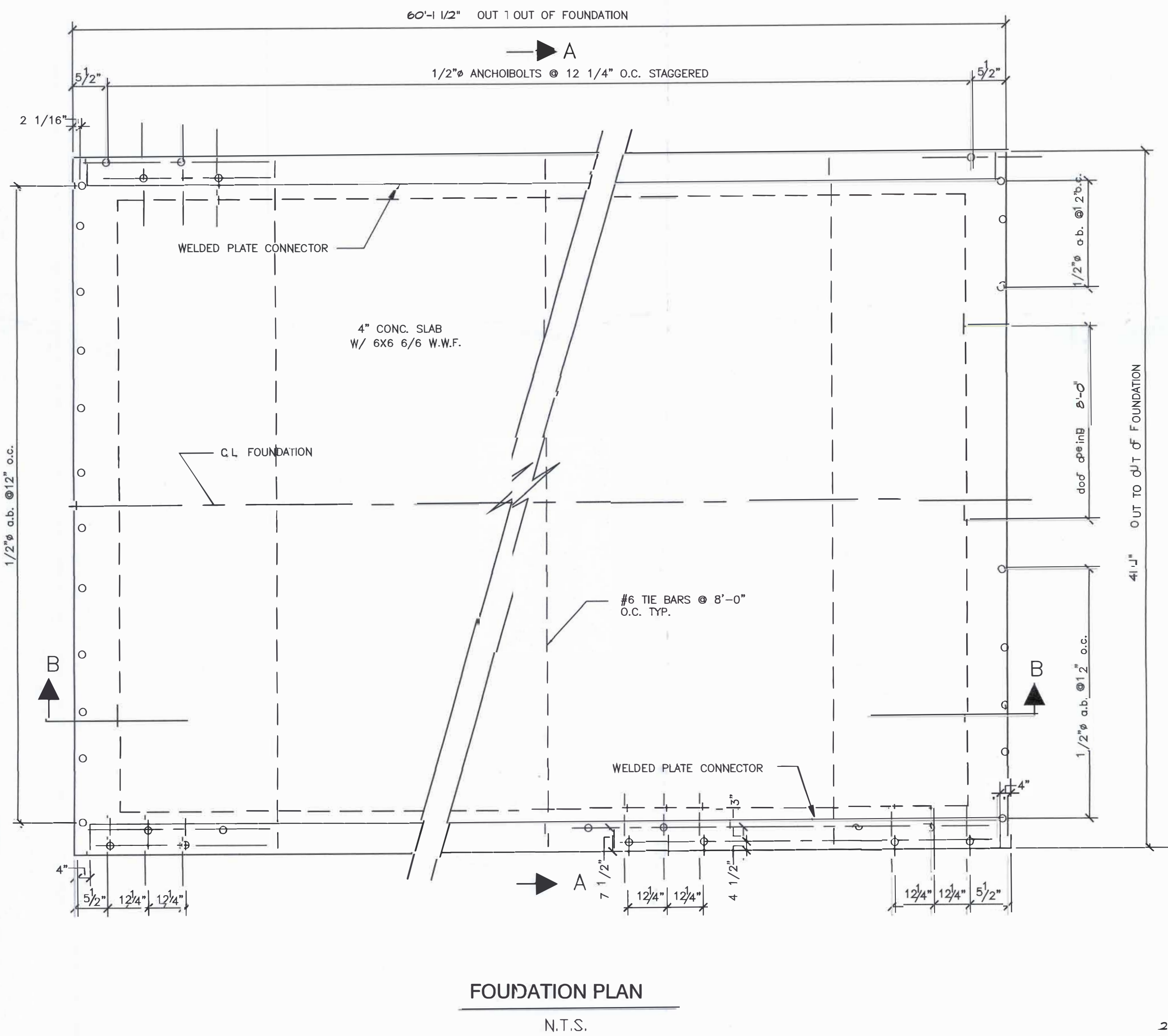
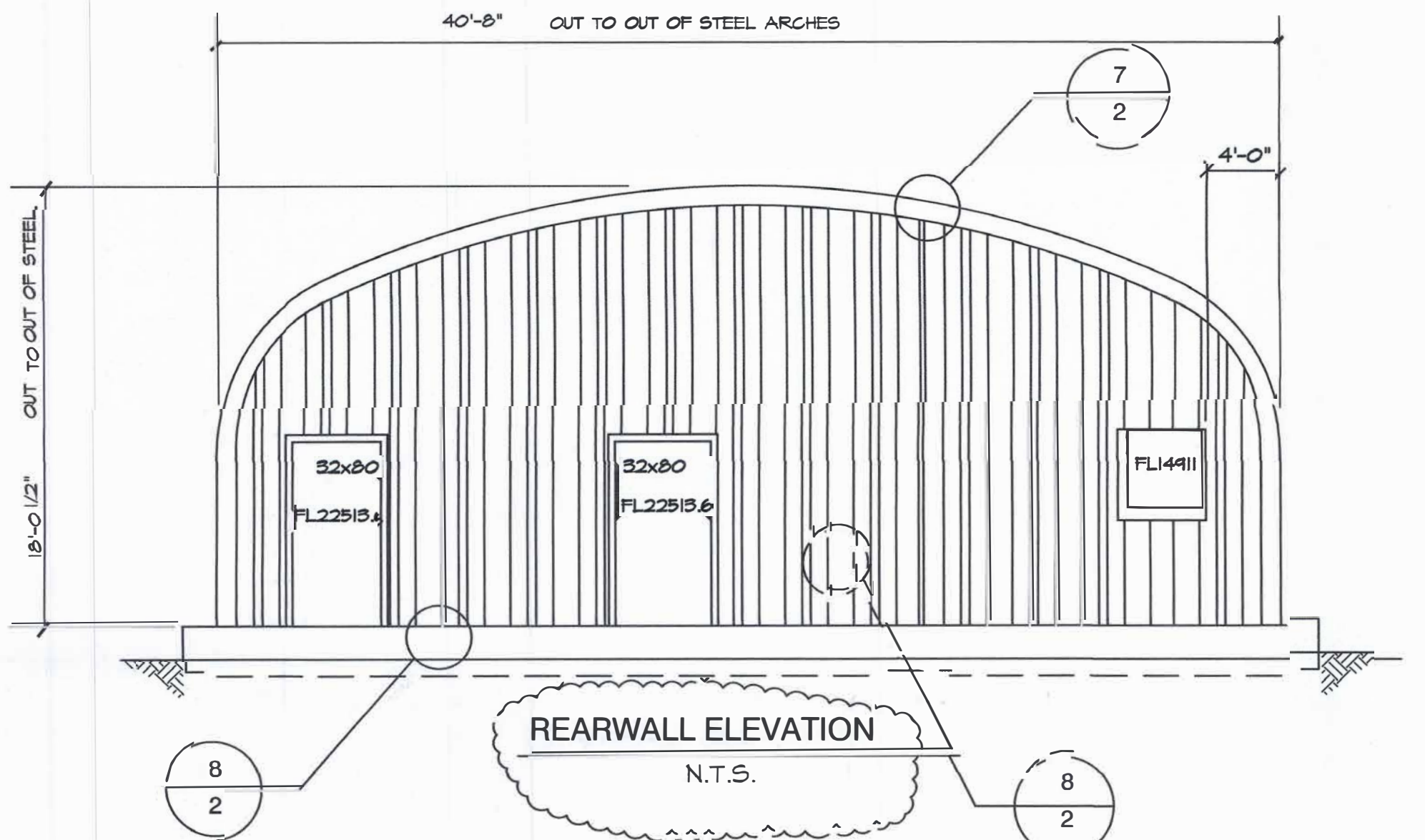
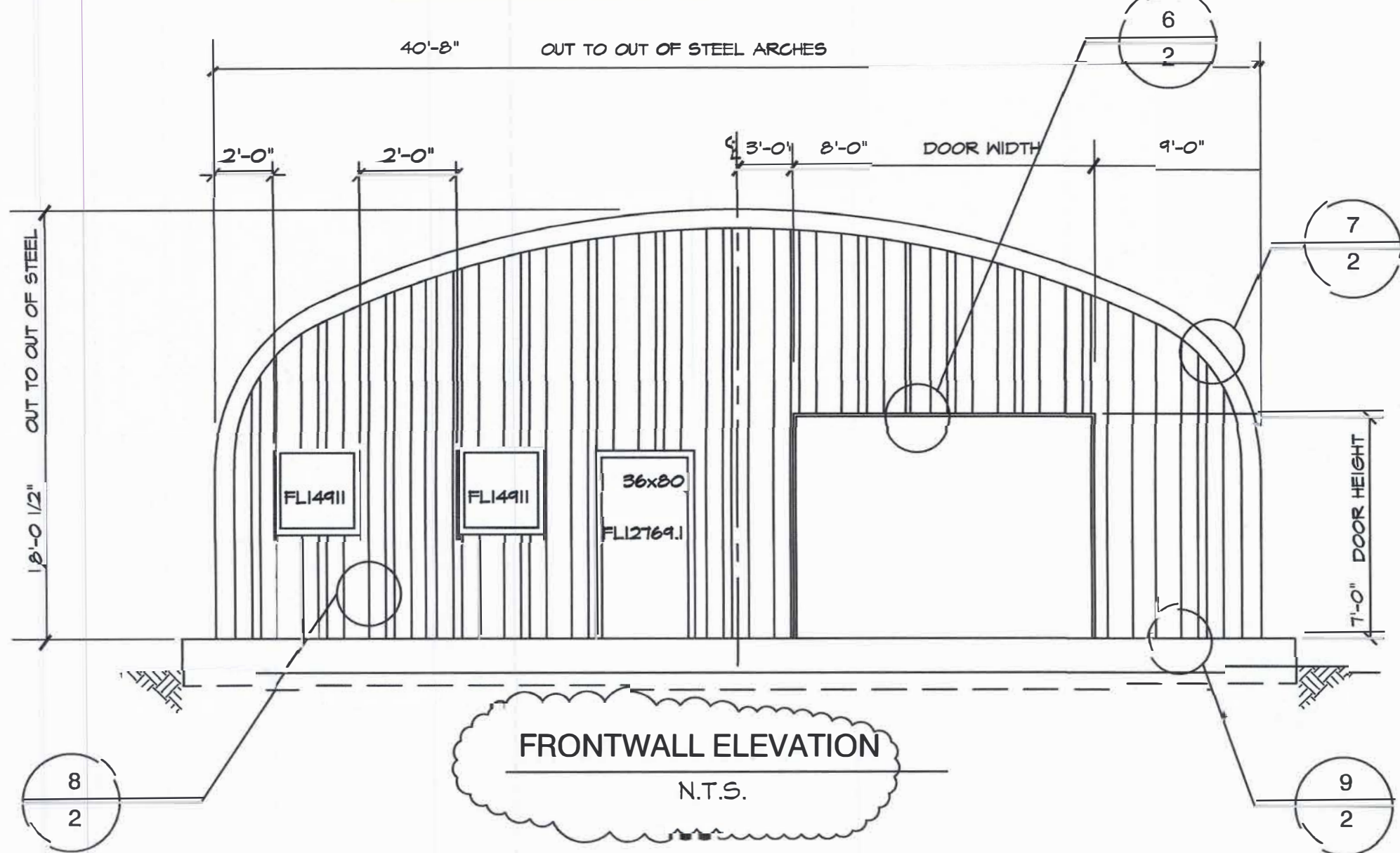
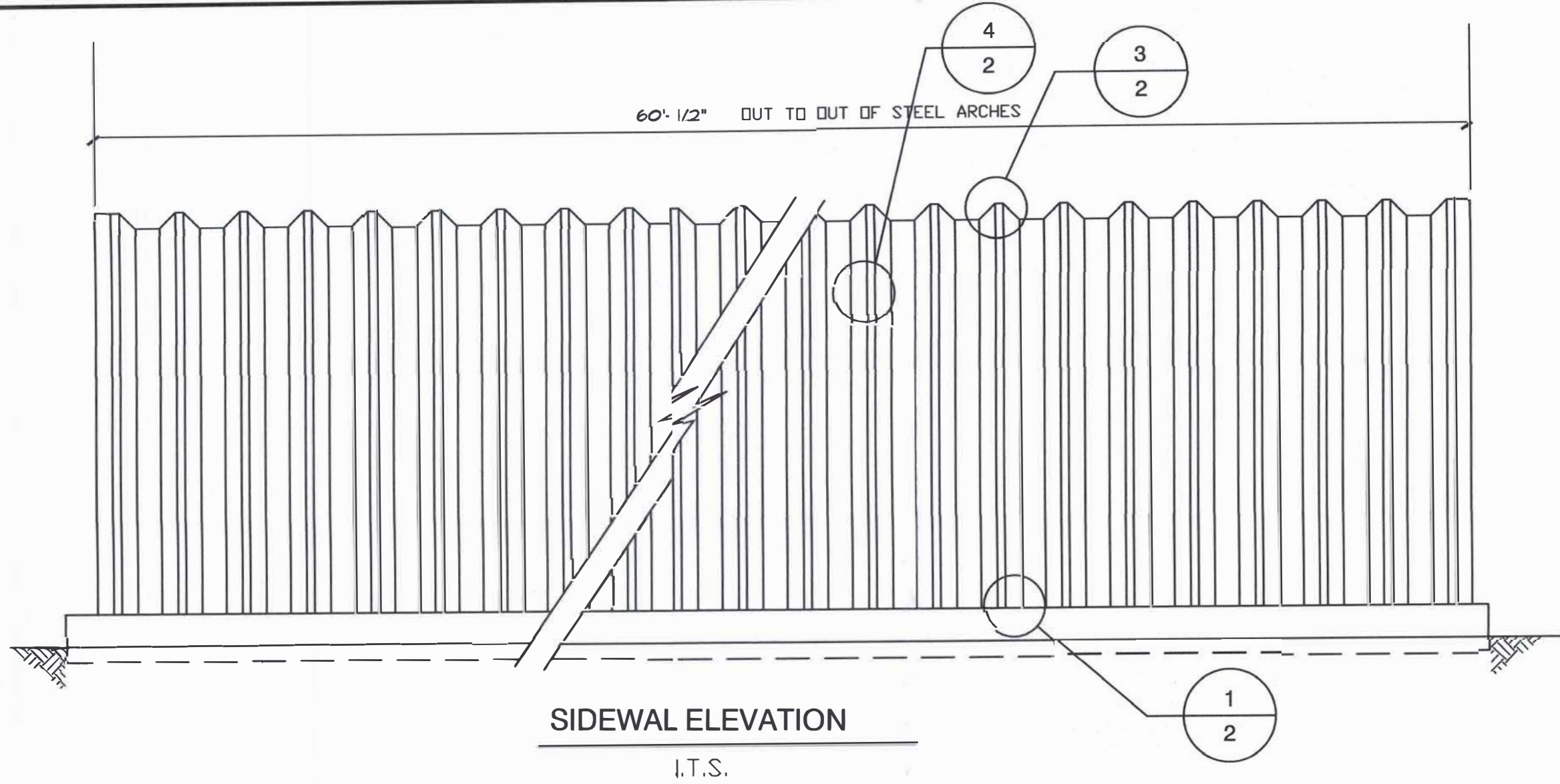




GENERAL NOTES

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST REVISION OF THE 2020 FBC MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES ASCE/SEI 7-16 AND COLD-FORMED STEEL DESIGN AISI 2007
- FOUNDATION CHANGES MAY BE REQUIRED DUE TO LOCAL BUILDING REGULATIONS, SOIL CONDITIONS OR OTHER FACTORS OVER WHICH AZTEC STEEL BUILDINGS INC. HAS NO CONTROL.
- THE FOUNDATION UNDER STRIP AND PAD FOOTING SYSTEM SHALL BE CONSTRUCTED ON NATURAL UNDISTURBED SOIL CAPABLE OF SUSTAINING 1500 psf (ASSUMED), AND SHALL BE DESIGNED TO FULLY RESIST ROTATION AT THE BASE OF THE ARCH. PRESUMPTIVE LOAD BEARING VALUE PER IBC TABLE 1805.2
- SLAB-ON-GRADE SHALL BE PLACED ON WELL-COMPACTED FILL CAPABLE OF SUSTAINING 1000 psf WITHOUT SETTLEMENT.
- FOR PROPER CONNECTION OF THE BUILDING AT THE FOUNDATION, BUILDING MUST BE ANCHORED TO COMMERCIAL BASE CONNECTOR USING "J" OR WEDGE ANCHOR. THIS WILL CONTROL THE ROTATIONAL MOMENT.
- SPECIFIC NOTES AND DETAILS SHOWN ON THIS DRAWING SHALL TAKE PRECEDENCE OVER THE BUILDING ERECTION MANUAL SUPPLIED.
- STRUCTURAL DESIGN OF THE BUILDING IS BASED ON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS. FAILURE TO MAKE ADEQUATE PROVISION FOR EXCESSIVE STRESSES OR INSTABILITY OCCURRING FROM WHATEVER CAUSE DURING CONSTRUCTION SHALL BE THE SOLE RISK AND RESPONSIBILITY OF THE ERECTOR.
- ALL DIMENSIONS (OTHER THAN PURELY STRUCTURAL DIMENSIONS) SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE ERECTOR BEFORE PROCEEDING WITH THE WORK.
- IT IS THE OWNER'S RESPONSIBILITY TO ASCERTAIN THAT THE LOADS AND FACTORS SPECIFIED UNDER 'DESIGN NOTES' ARE ADEQUATE FOR THE INTENDED LOCATION AND OCCUPANCY OF THIS BUILDING, AND THAT NO LOADS OTHER THAN THOSE SHALL BE IMPOSED ON THE STRUCTURE.
- SCOPE OF WORK IS STRUCTURAL AND FOUNDATIONS ONLY. THIS IS NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. SITE, DEMO, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, FLOOD PLAIN, GEO-TECHNICAL REPORTS ARE NOT PART OF THIS WORK.
- OWNER/CONTRACTOR TO VERIFY ALL DIMENSIONS & DATA SHOWN. ANY DISCREPANCIES IN THESE PLANS AND/OR SITE ARE TO BE REPORTED IMMEDIATELY TO ENGINEER.

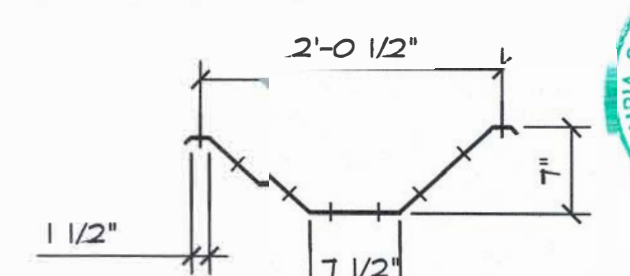
DESIGN DATA

FLOOR LIVE LOAD =	100 PSF
ROOF LIVE LOAD =	20 PSF
DEAD LOAD =	SELF WEIGHT OF BUILDING
SNOW LOAD	
Ground Snow, P_g =	0 PSF
Flat Roof Snow, $P_f = 0.7 \cdot C_e \cdot C_i \cdot I_s \cdot P_g$ =	0.00 PSF
Roof Slope Factor, C_s =	1
Slope Roof Snow, $P_s = C_s \cdot P_f$ =	0.00 PSF
Design Roof Snow =	66 PSF
Importance Factor, I_s =	1
Exposure Factor C_e =	1 Partially Exposed
Thermal Factor, C_t =	1.2 Unheated
WIND LOADS	
Design Basic Wind Speed =	120 MPH
Risk Category =	II
Wind Exposure =	C
Internal Pressure Coefficient =	± 0.18
Comp. & Cladding wind pressure per	ASCE 7-16
EARTHQUAKE LOADS	
Risk Category:	II
Seismic Importance Factor, I_e =	1
S_s =	0.079
S_1 =	0.048
Assumed Site Class =	D (Default)
S_{us} =	0.084
S_{D1} =	0.077
Seismic Design Category =	B

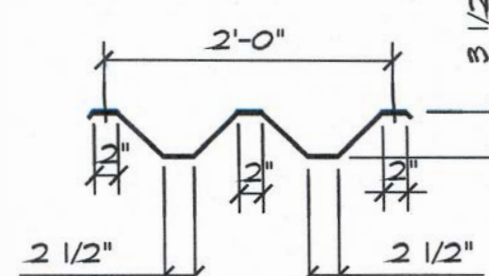
MATERIAL NOTES

STEEL: GALVALUM SHEET STEEL, STRUCTURAL QUALITY, ASTM A792-10 GRADE 60, 65 KSI, MIN. YIELD, 65 KSI, MIN. TENSILE. DESIGN BASE STEEL THICKNESS, WITHOUT COATING FOR: ARCH SIDE WALL, EAVE & ROOF PANELS: (20/22 GAUGE) END WALLS PANELS: (23 GAUGE) BOLTS: 5/16-18 X 3/4", SAE GRADE 2, TORQUE 11 ft lb (15 N m) CONCRETE: MIN. f'_c 2500 Psi AT 28 DAYS CURE, ACI 318. REBAR: DEFORMED STEEL BARS, ASTM A 615M / A GRADE 60, 60 KSI WWR: WELDED WIRE FABRIC, ASTM A 496 MIN. 60KSI & ASTM A497 1/2" DIAMETER 5 1/2" LONG TRUBOLT + SEISMIC WEDGE ANCHOR CARBON STEEL WITH ZINC PLATING, OR 1/2" DIAMETER TRUBOLT CARBON STEEL WITH HOT DIPPED GALVANIZED. THE ANCHORS SHALL HAVE A MINIMUM EMBEDMENT DEPTH OF 3 3/4". NO ADDITIONAL SPECIAL INSPECTIONS ARE REQUIRED.

Approval Numbers:
 Aztec Steel Building Corp:
 FL-11015-R4 : Arch Panel
 FL-15036-R3 : Standard Endwall Panel (3.5' deep / Galvalume)
 Steel Built Corp:
 FL-5485: ("FBR & R" Panels)
 FL-51221: ("FBR" Panels)
 FL-51222: ("ZS T524" Panels)



ARCH PROFILE



END WALL PROFILE

STEPHEN P. MASLAN & CO.

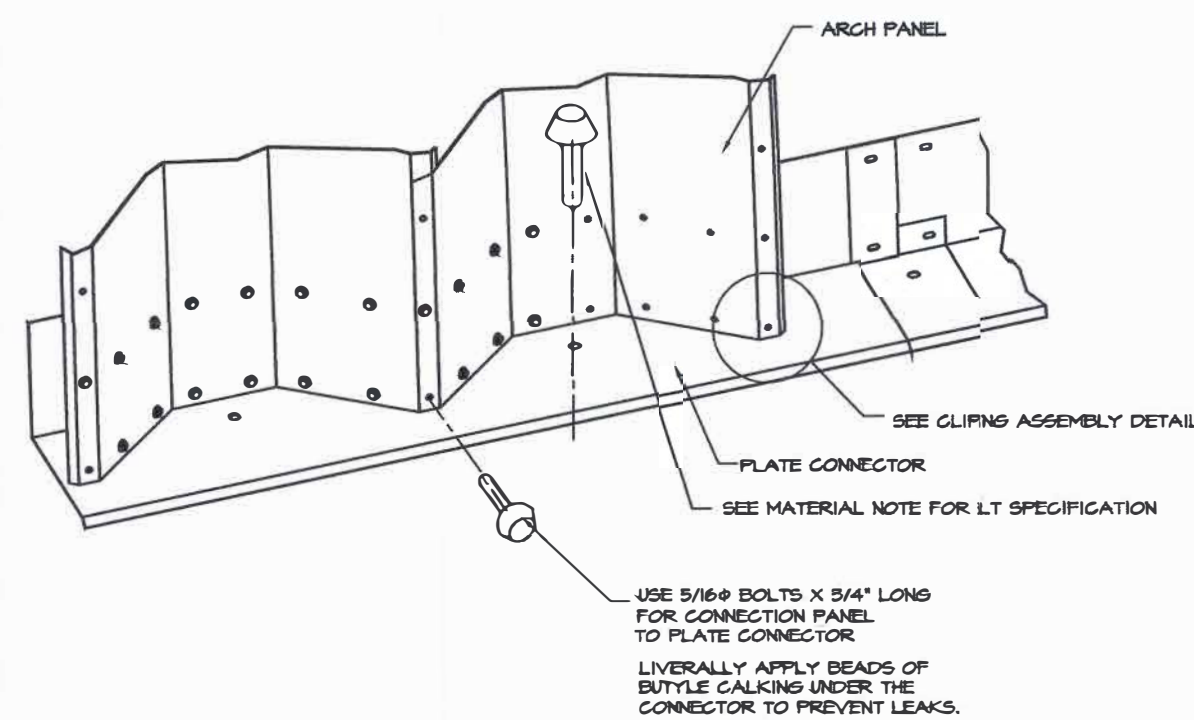
STEPHEN P. MASLAN P.E.
 8011 PASEO SUITE 201
 KANSAS CITY, MO. 64131
 (816) 444-6260



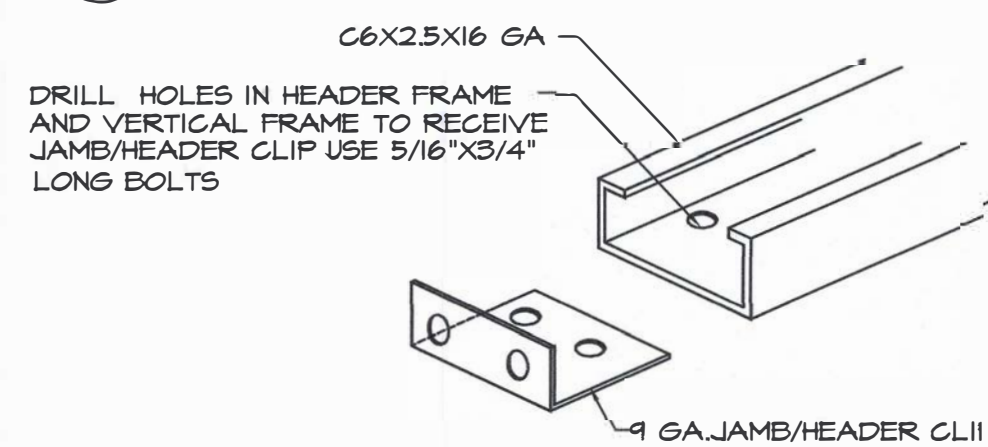
DREW CASTORAL
 462 SW BARNEY ST. HIGH SPRINGS, FL
 MODEL S40-8

date	2-3-20
drawn by	R.E.S.
checked by	S.P.M.
revised	4-13-21

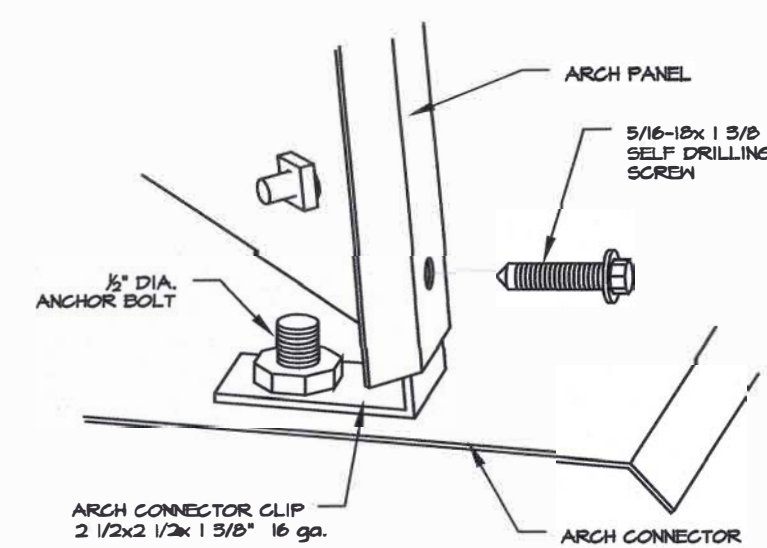
sheet no.
 1 OF ONE



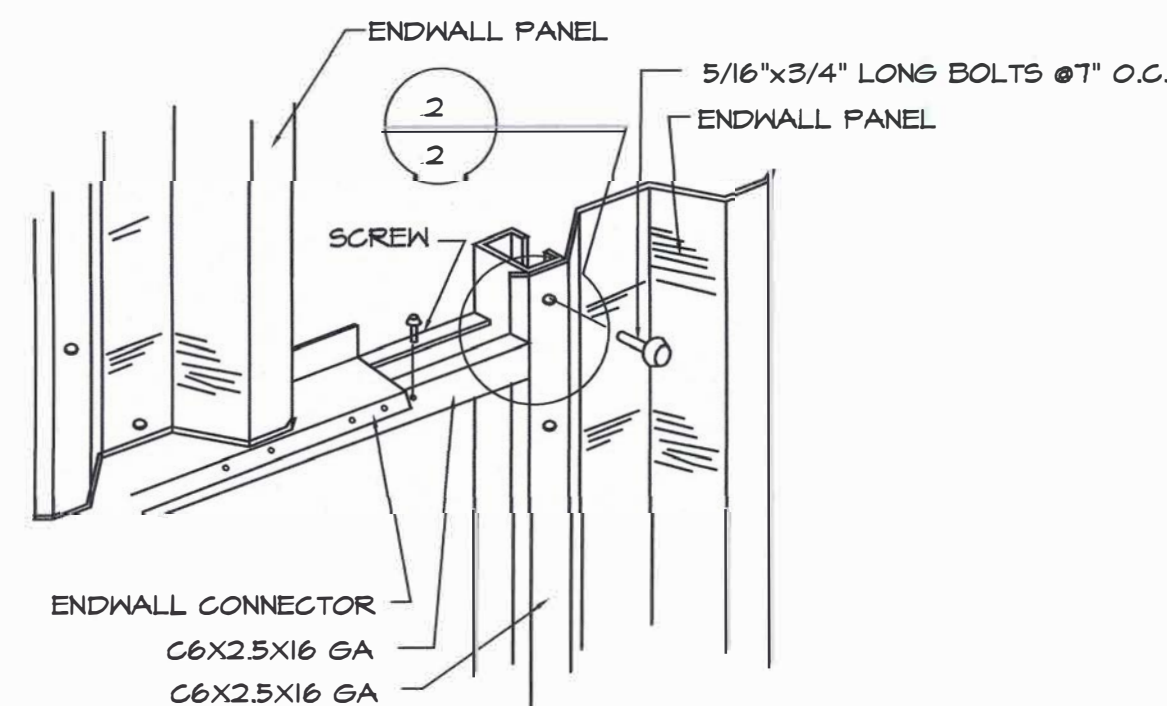
1
2 ARCH PANEL BOLTING DETAIL



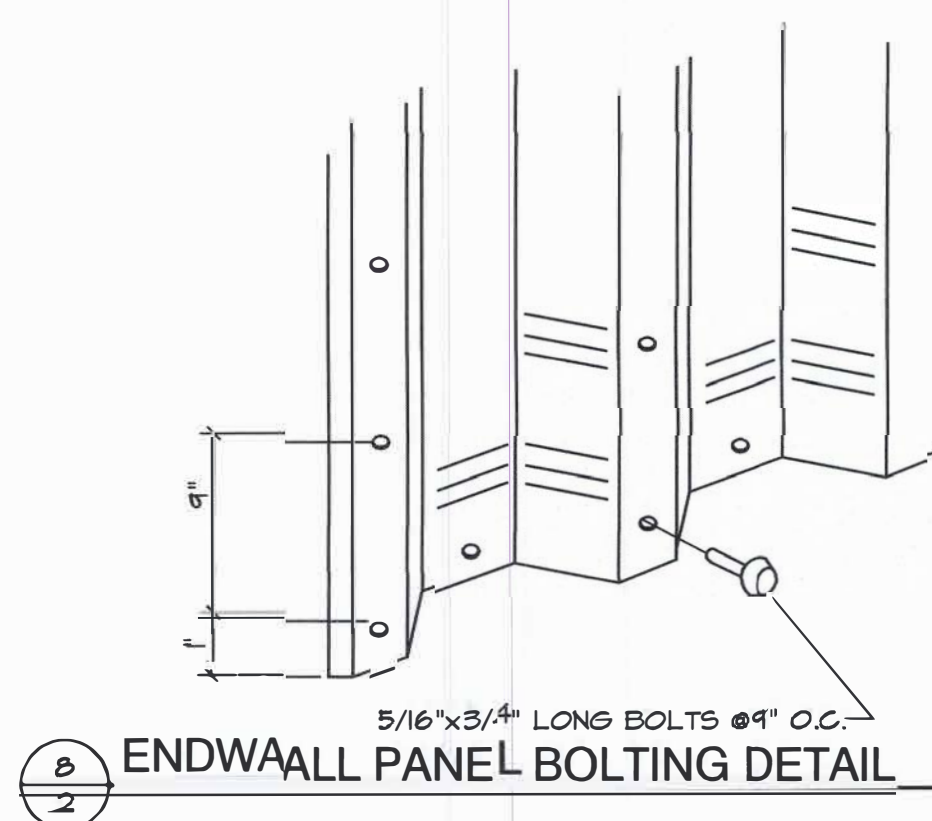
2
2 HEADER CLIP DETAIL



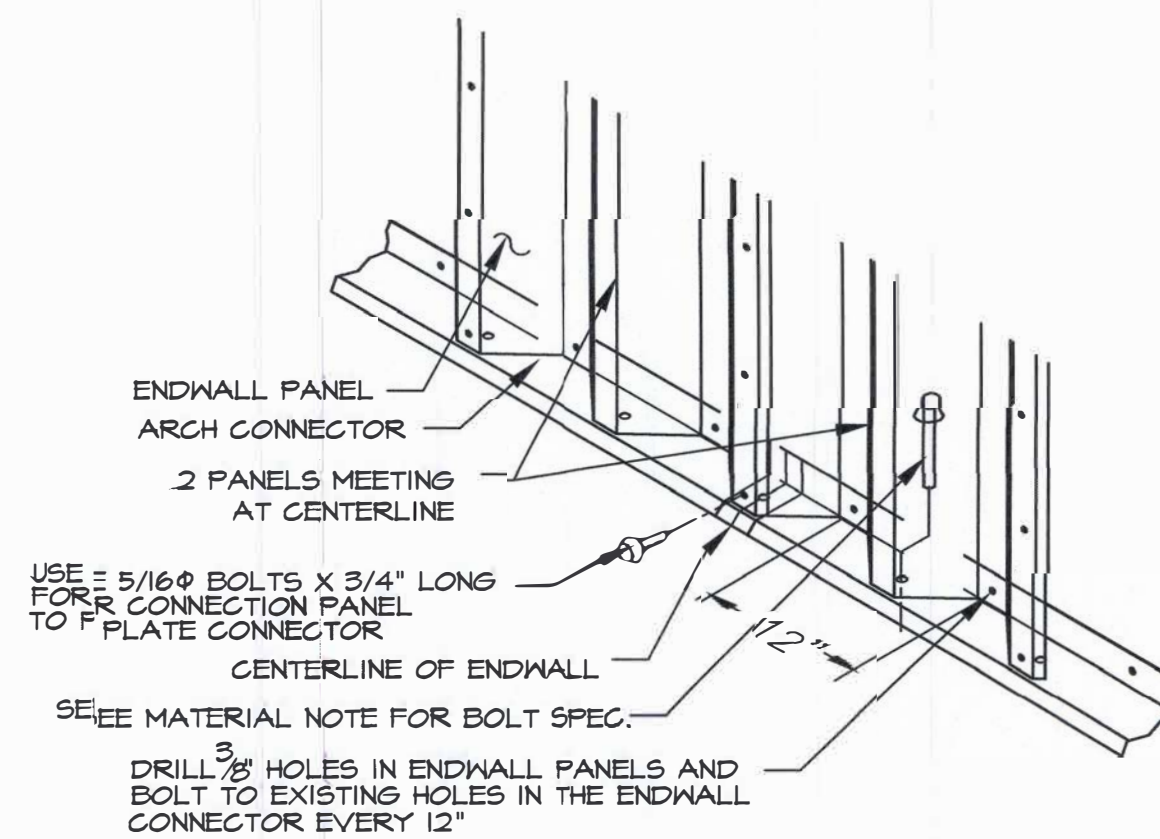
3
2 CLIP WING ASSEMBLY DETAIL



4
2 HEADER CONNECTION DETAIL overhead door only

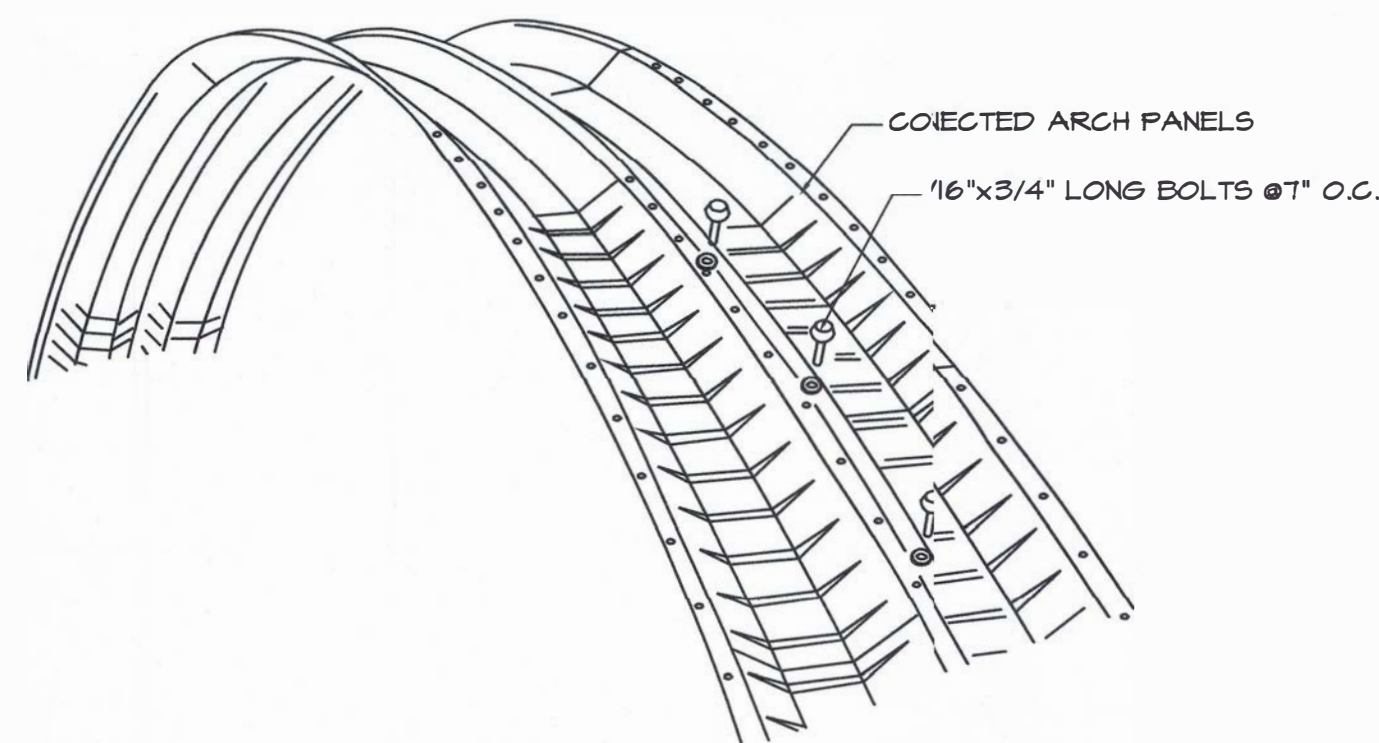


5
2 ENDWALL PANEL BOLTING DETAIL

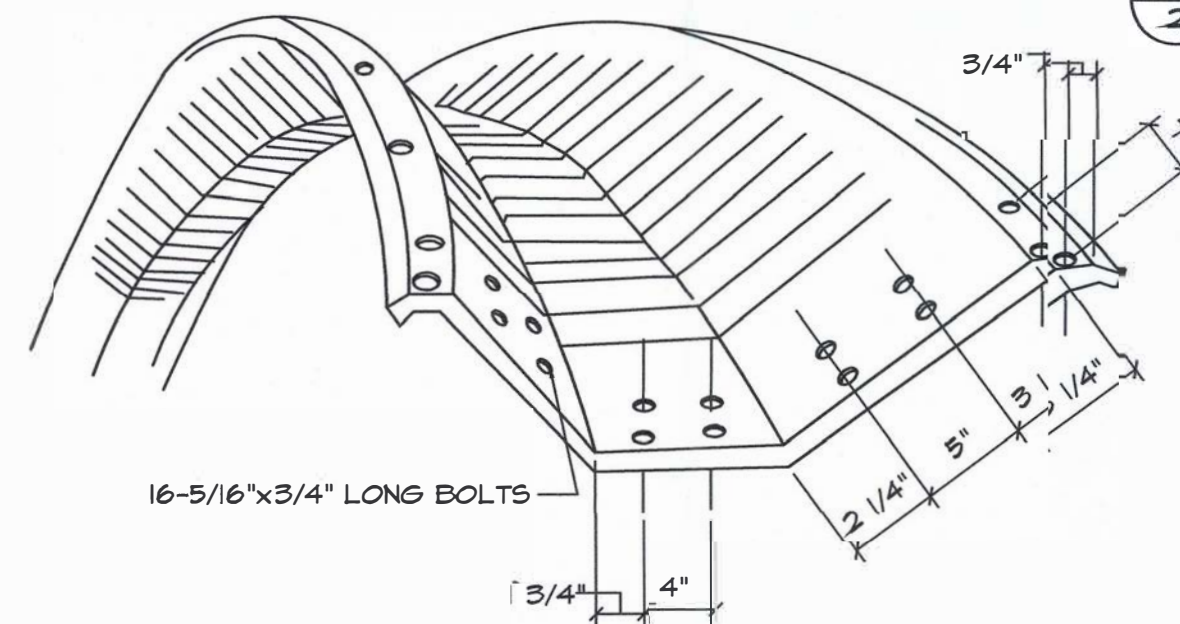


CAULKING SHOULD BE APPLIED LIBERALLY UNDER THE ENDWALL CONNECTOR, AROUND EVERY ANCHOR HOLE, AND AT THE ENDWALL CONNECTOR SEAMS UNDER ANY BASE SEAL PLATES.

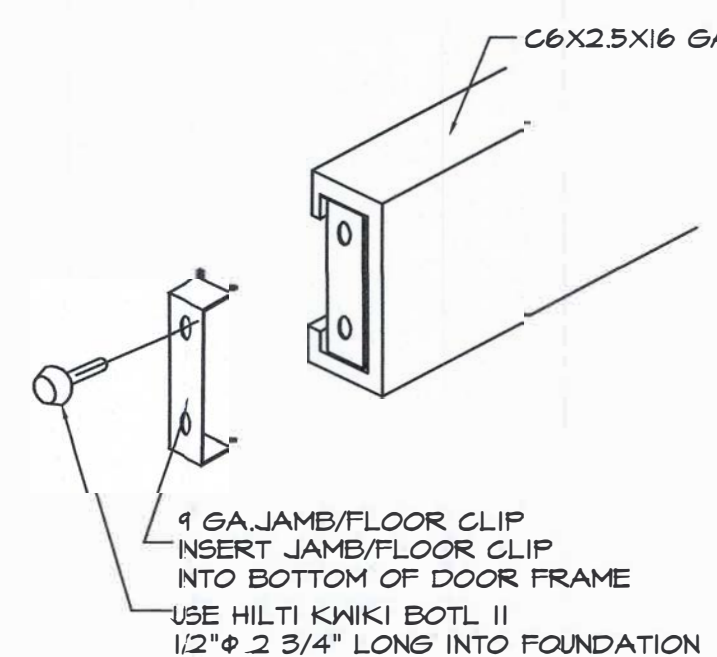
6
2 ENDWALL CONNECTION DETAIL



7
2 ARCH PANEL BOLTING DETAIL

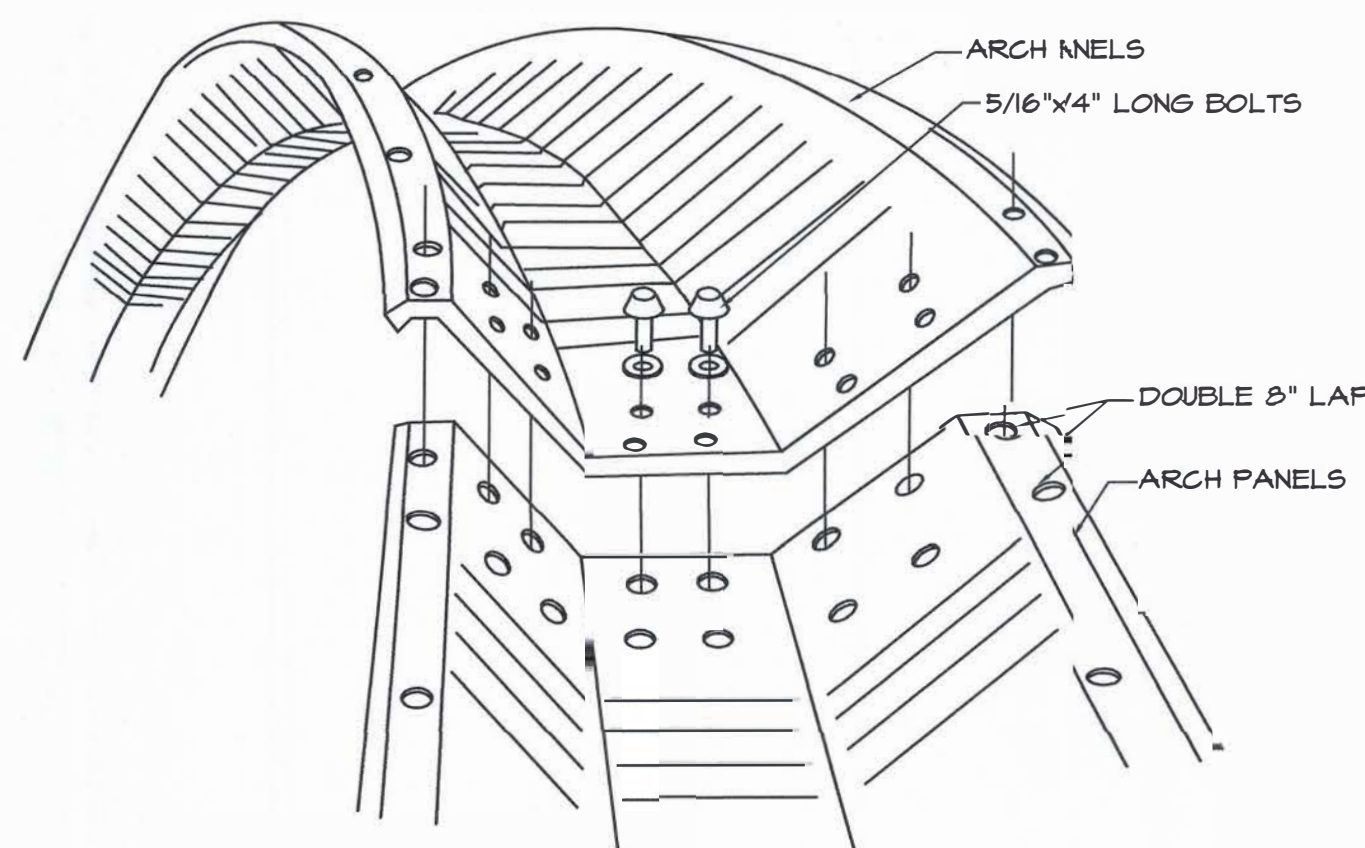


8
2 ARCH PANEL BOLTING DETAIL

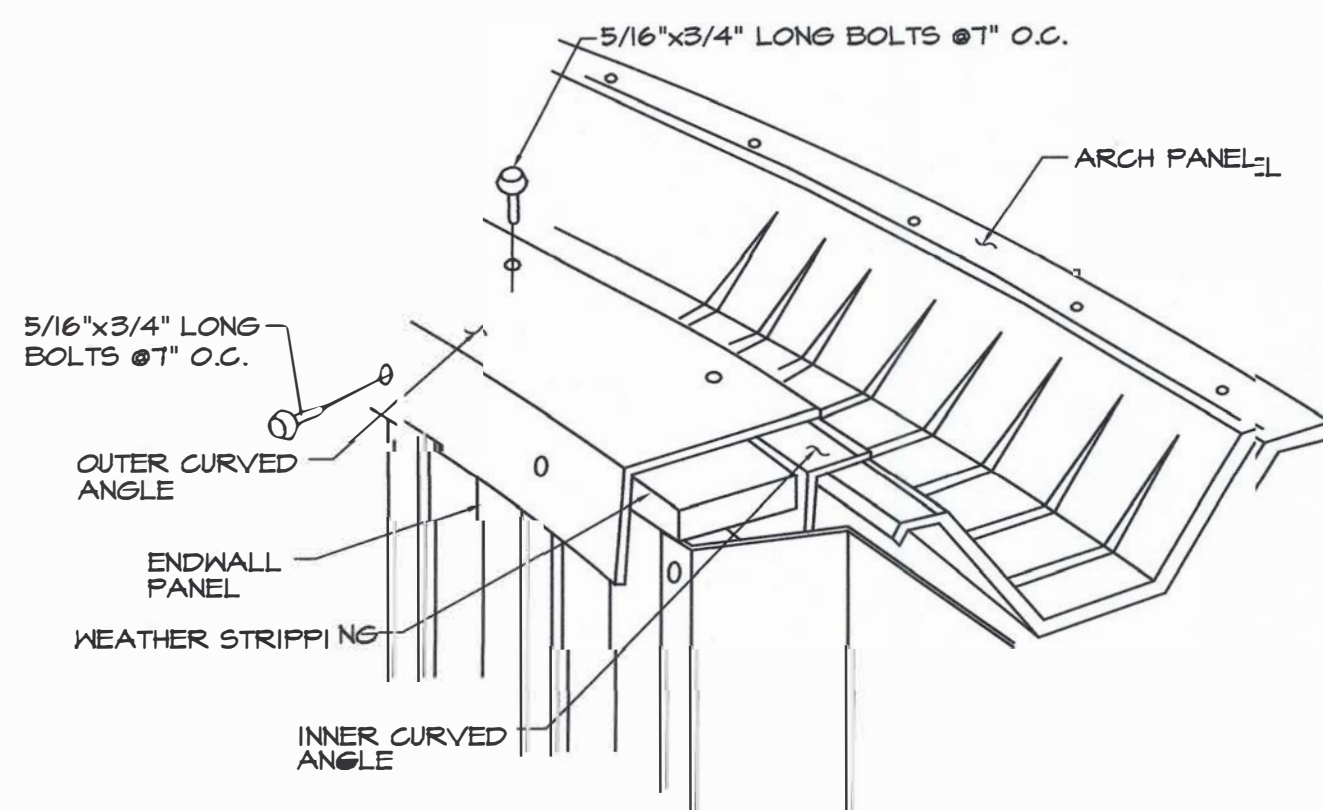


9
2 JAMB CLIP DETAIL man door only

NOT USED



10
2 ARCH PANEL CONNECTION DETAIL



11
2 ENDWALL CONNECTION DETAIL

STEPHEN P. MASLAN & CO.
STEPHEN P. MASLAN P.E.
8011 PASEO SUITE 201
KANSAS CITY, MO. 64131
(816) 444-6260



DREW CASTORAL
462 SW BARNEY ST. HIGH SPRINGS, FL
MODEL S40-18

date 2-3-20
drawn by RES
checked by S.P.M.
revised

sheet no.

2 OF TWO