

GENERAL NOTES

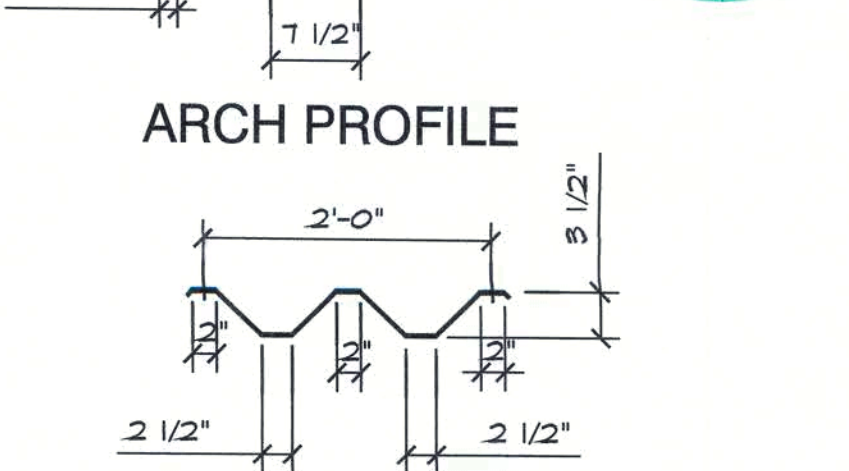
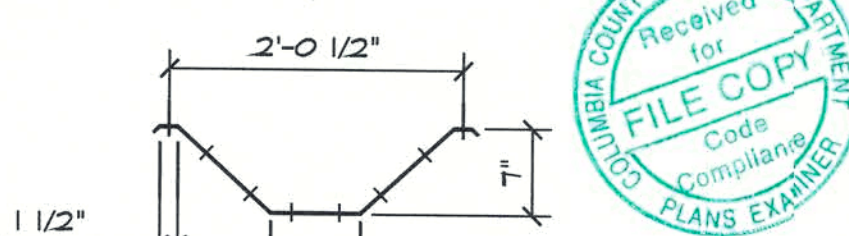
1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST REVISION OF THE 2020 IBC MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES ASCE/SEI 1-16 AND AISC 360-16 STEEL DESIGN.
2. FOUNDATION CHANGES MAY BE REQUIRED DUE TO LOCAL BUILDING REGULATIONS, SOIL CONDITIONS OR OTHER FACTORS OVER WHICH AZTEC STEEL BUILDINGS INC. HAS NO CONTROL.
3. 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 1806-2.
4. SLAB-ON-GRADE SHALL BE PLACED ON WELL-COMPACTED FILL CAPABLE OF SUSTAINING 1000 psf WITHOUT SETTLEMENT.
5. 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.
6. SPECIFIC NOTES AND DETAILS SHOWN ON THIS DRAWING SHALL TAKE PRECEDENCE OVER THE BUILDING ERECTION MANUAL SUPPLIED.
7. 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.
8. ALL DIMENSIONS (OTHER THAN PURELY STRUCTURAL DIMENSIONS) SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE ERECTOR BEFORE PROCEEDING WITH THE WORK.
9. 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.
10. 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.
11. 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

<u>FLOOR LIVE LOAD</u> =	100	PSF
<u>ROOF LIVE LOAD</u> =	20	PSF
<u>DEAD LOAD</u> =	SELF WEIGHT OF BUILDING	
<u>SNOW LOAD</u>		
Ground Snow, P_g =	0	PSF
Flat Roof Snow, $P_f = 0.7 * C_e * C_t * I_s * P_g$ =	0.00	PSF
Roof Slope Factor, C_s =	1	
Slope Roof Snow, $P_s = C_s * P_f$ =	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

MATERIAL NOTES

- STEEL: GALVALUM SHEET STEEL, STRUCTURAL QUALITY, ASTM A792-10 GRADE 50, 50 KSI MIN. YIELD, 65 KSI MIN. TENSILE. DESIGN BASE STEEL THICKNESS, WITHOUT COATING FOR: ARCH SIDE WALL, EAVE & ROOF PANELS: (23 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-11815-R4 : Arch Panel
FL-13096-R3 : Standard Endwall Panel (3.5' deep / Galvalume)
Steel Built Corp:
FL-3485: ("PBR & R" Panels)
FL-3122.1: ("PBR" Panels)
FL-3122.2: ("TS TS24" Panels)



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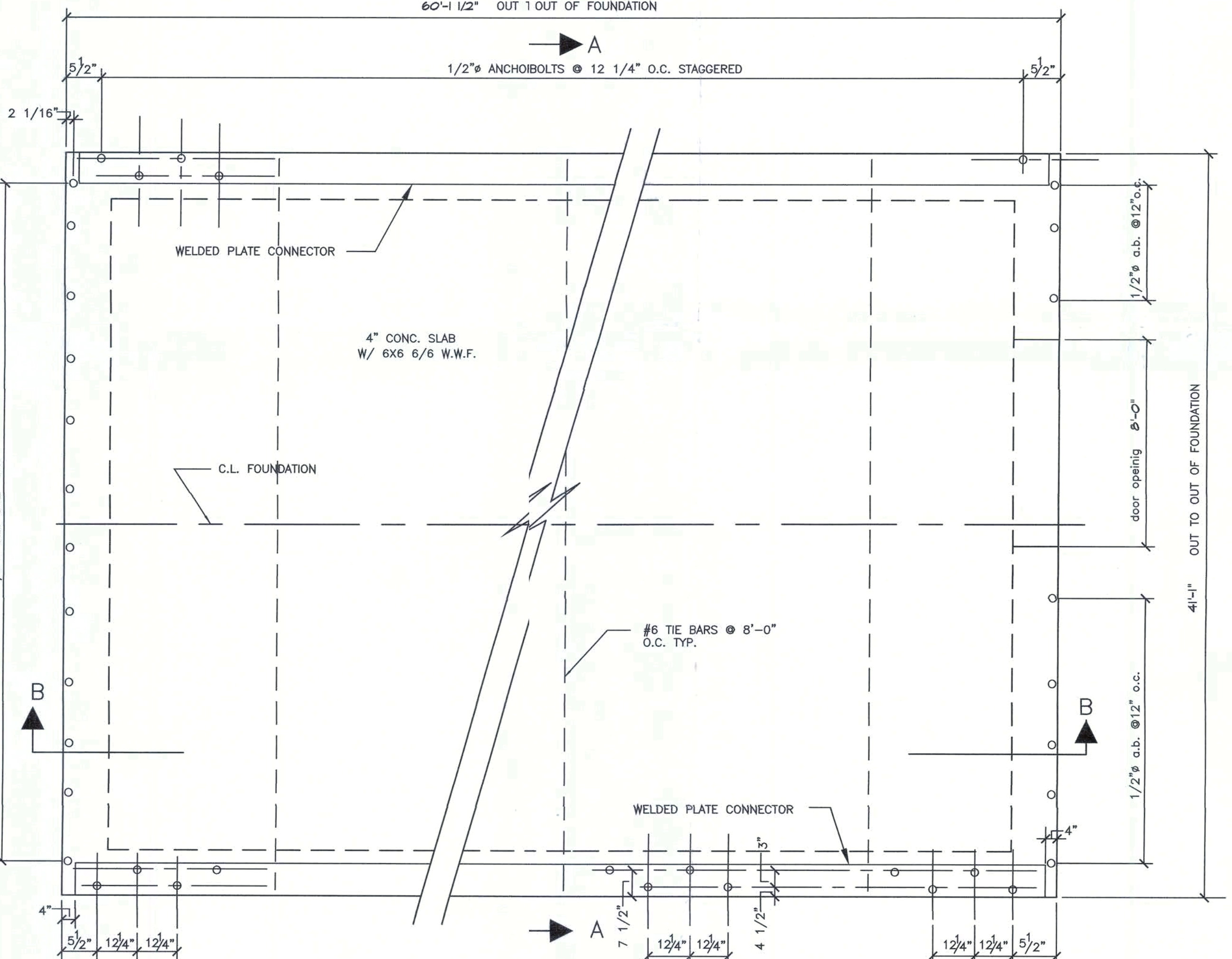
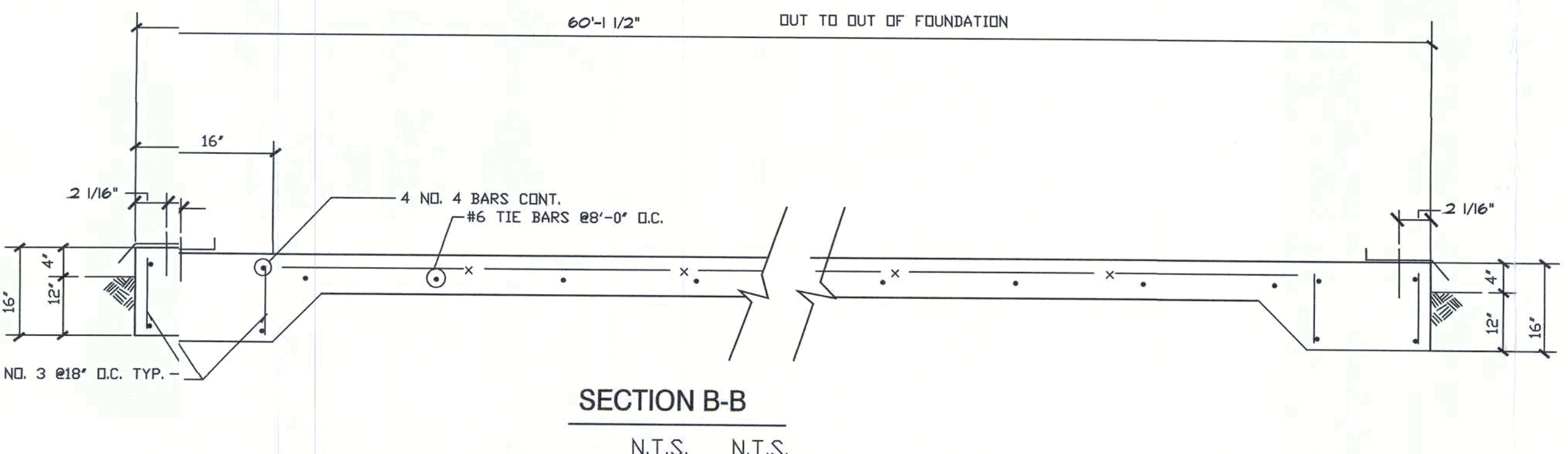
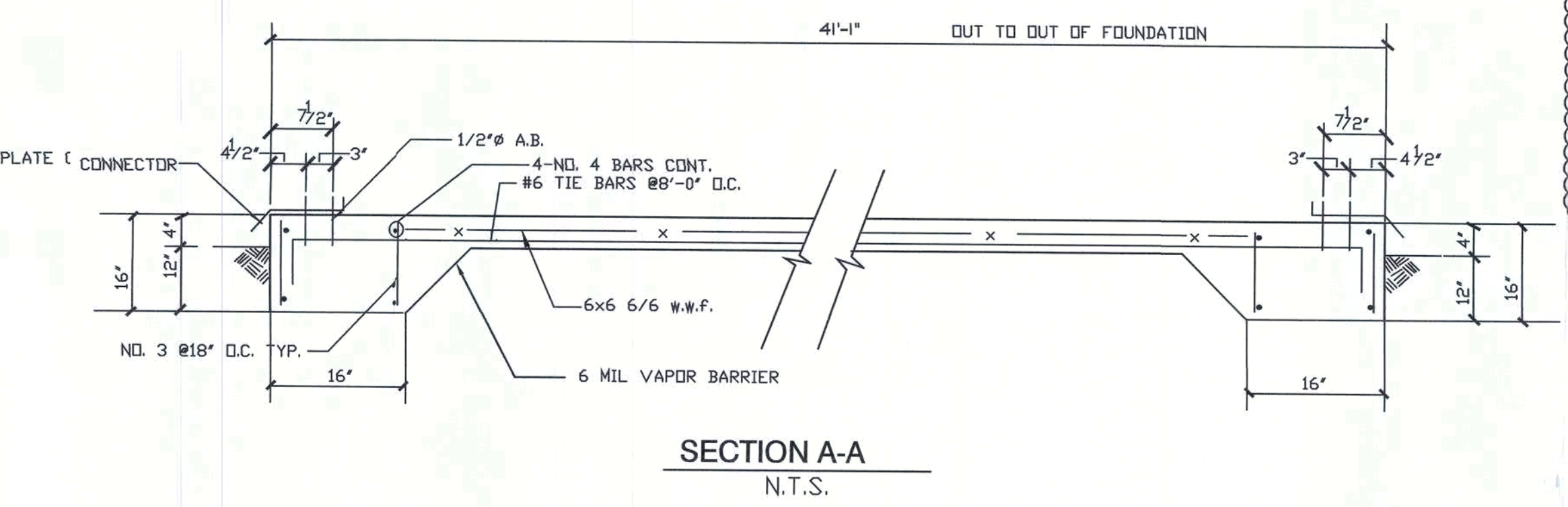
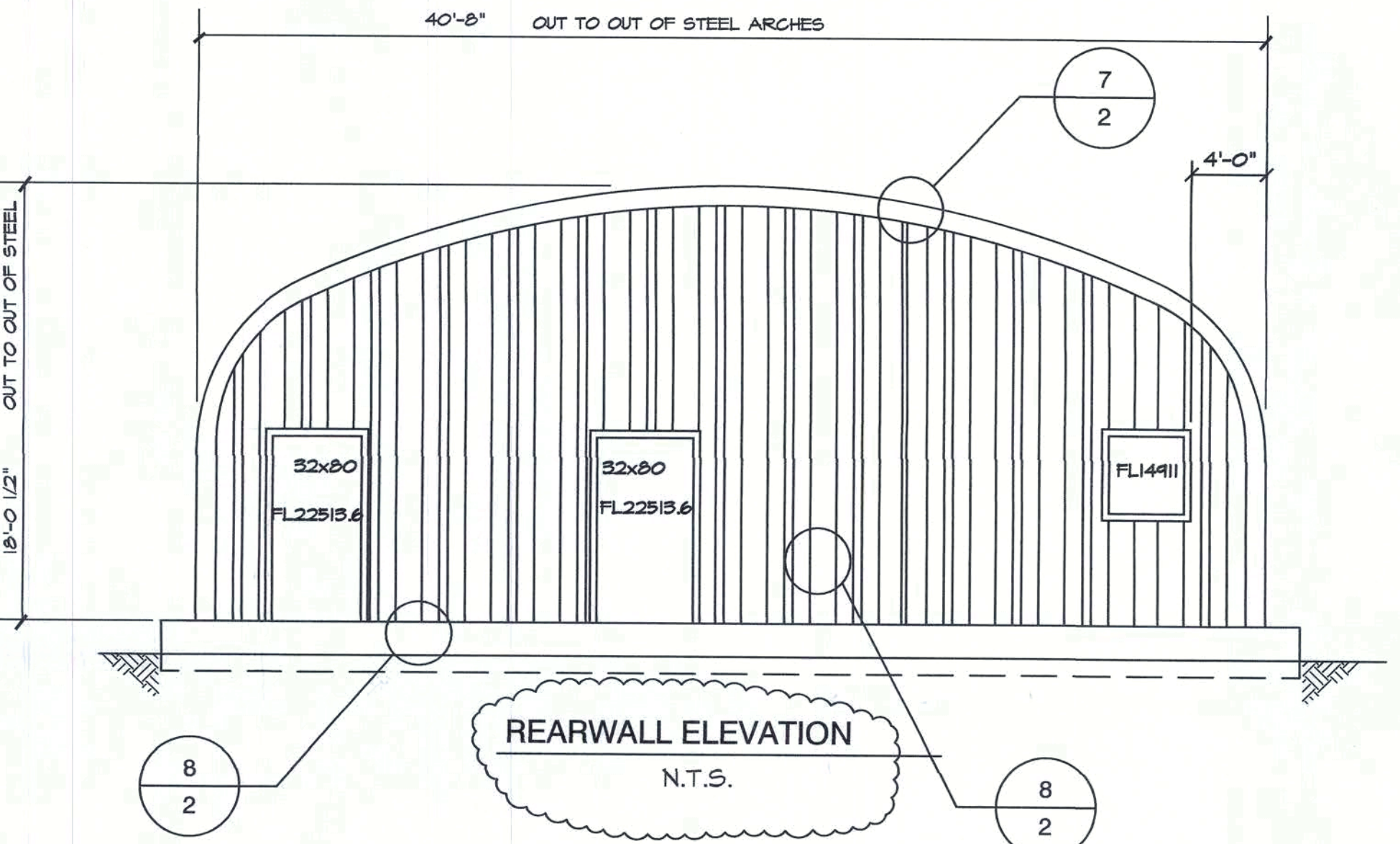
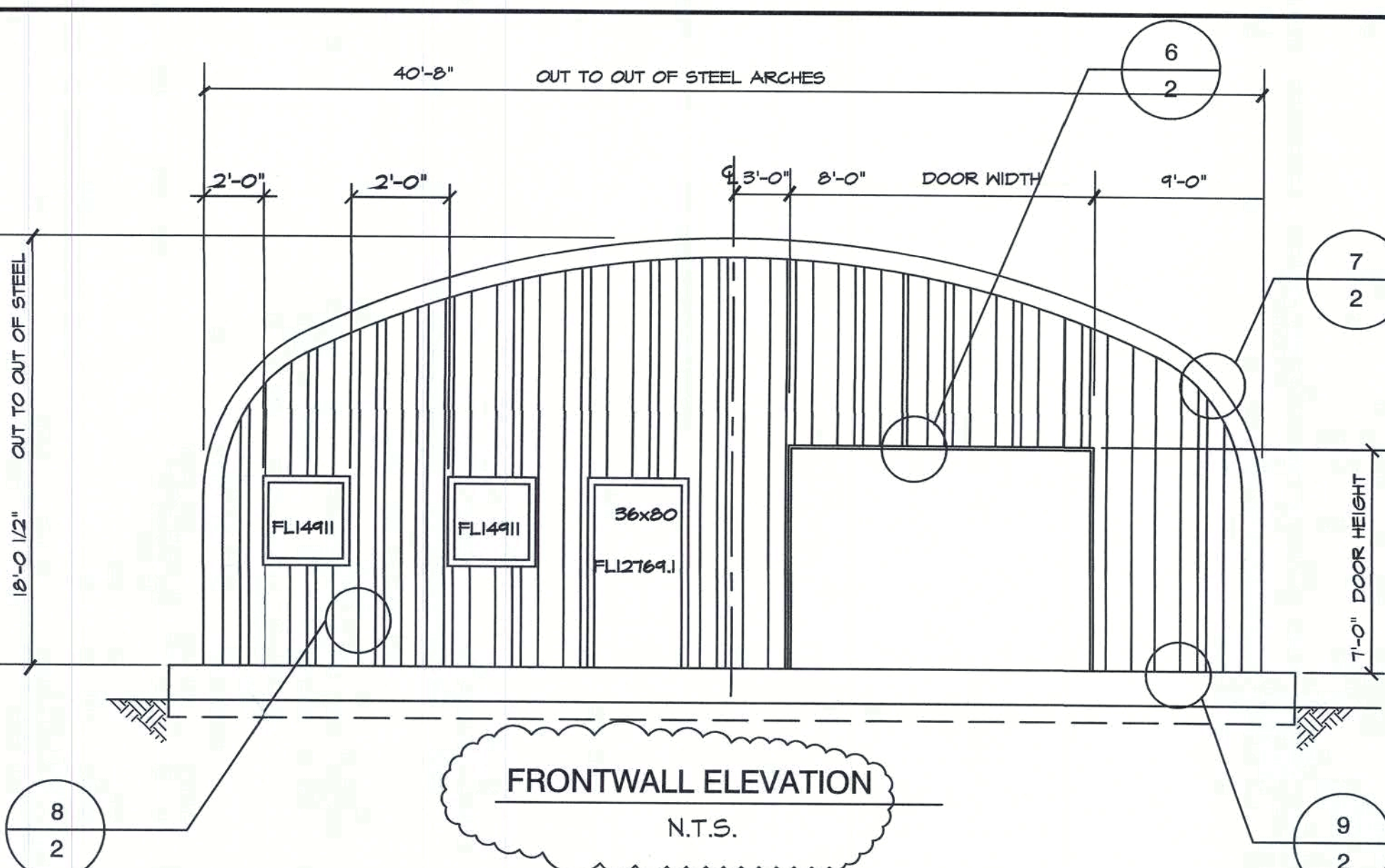
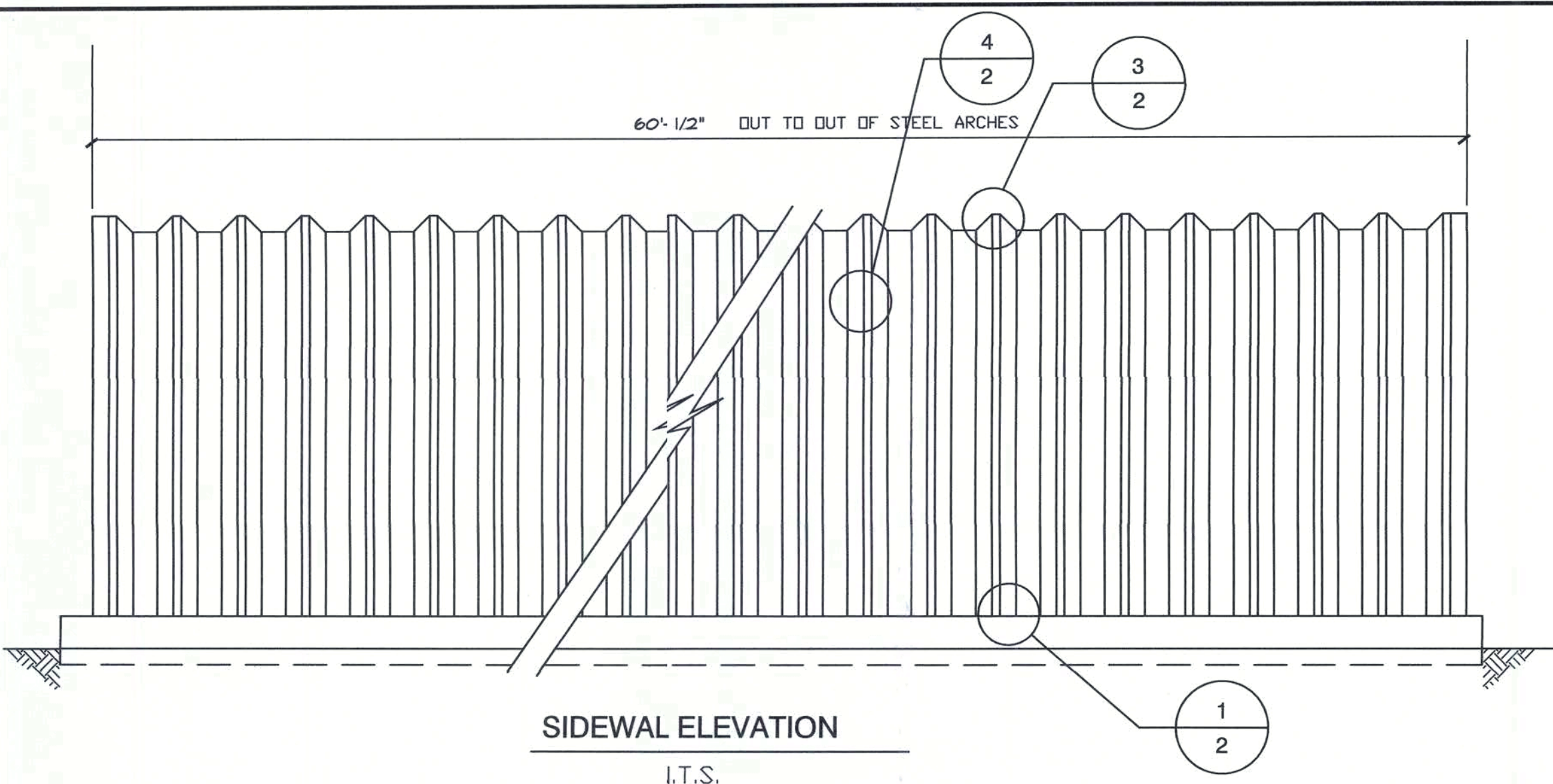
STEPHEN P. MASLAN P.E.
8011 PASEO SUITE 201
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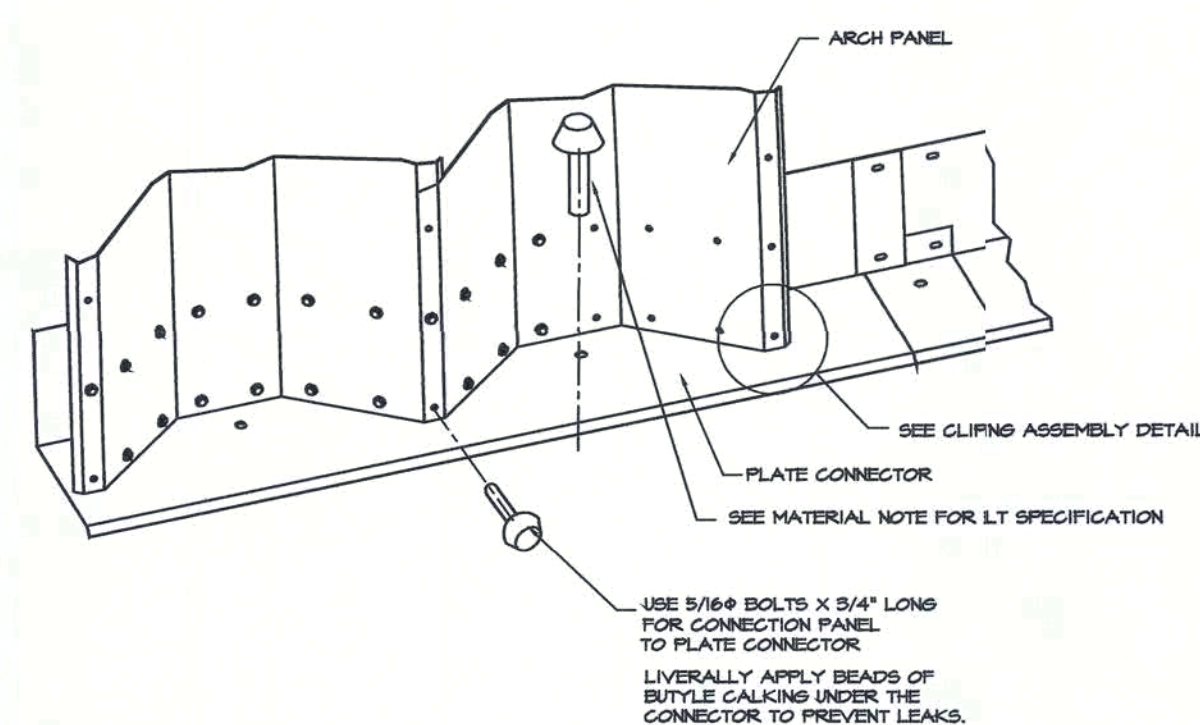


DREW CASTORAL
462 SW BARNEY ST. HIGH SPRINGS, FL
MODEL S40-18

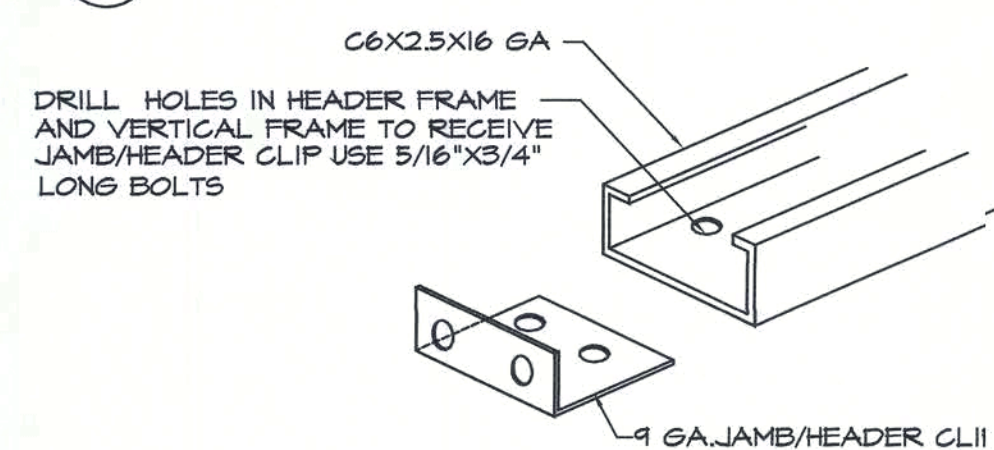
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drawn by	RES.
checked by	S.P.M.
revised	4-13-21

sheet no.
1 OF ONE

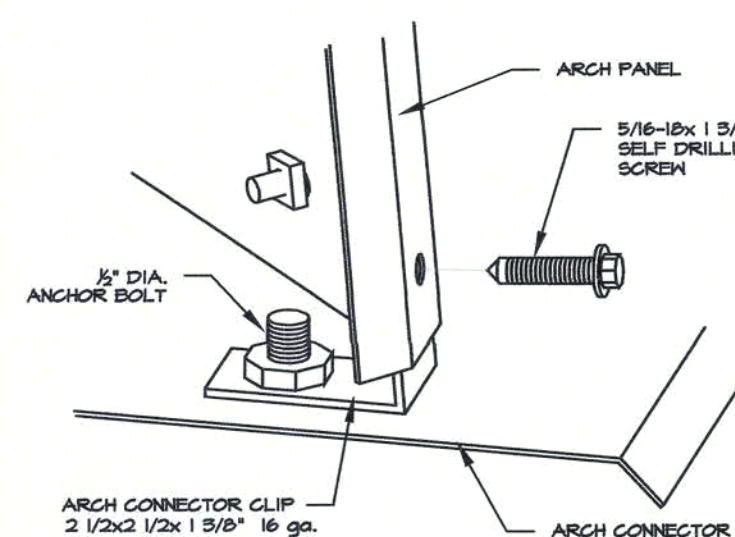




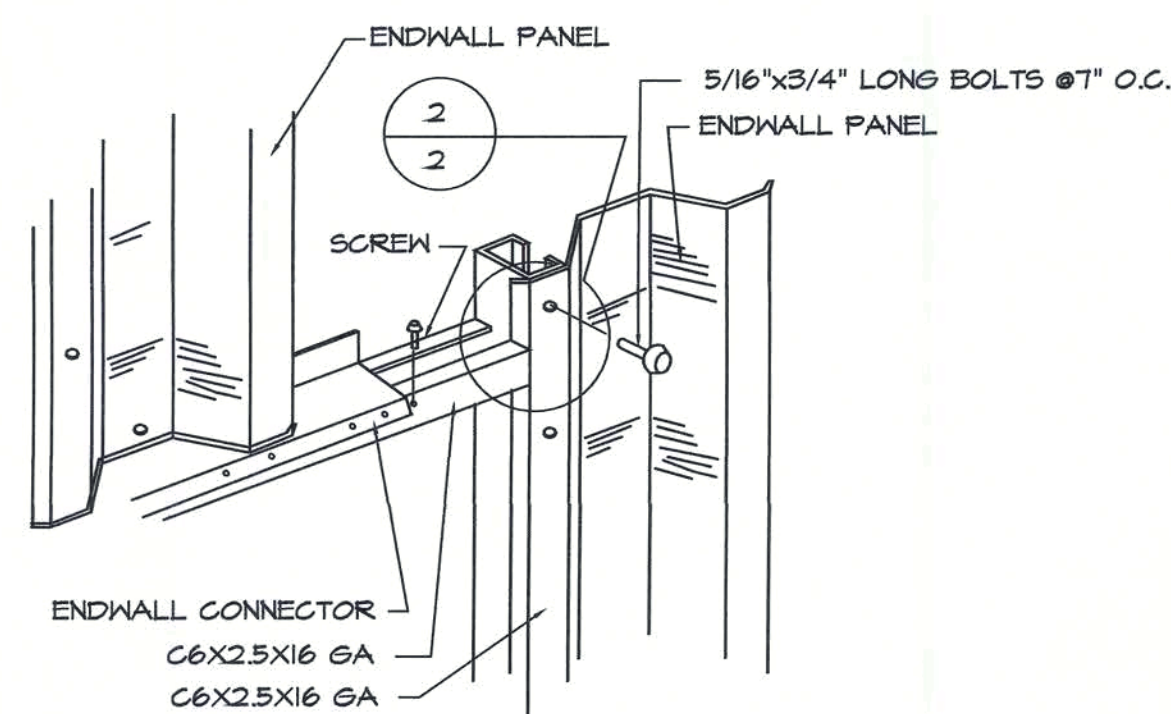
1
2 ARCH PANEL BOLTING DETAIL



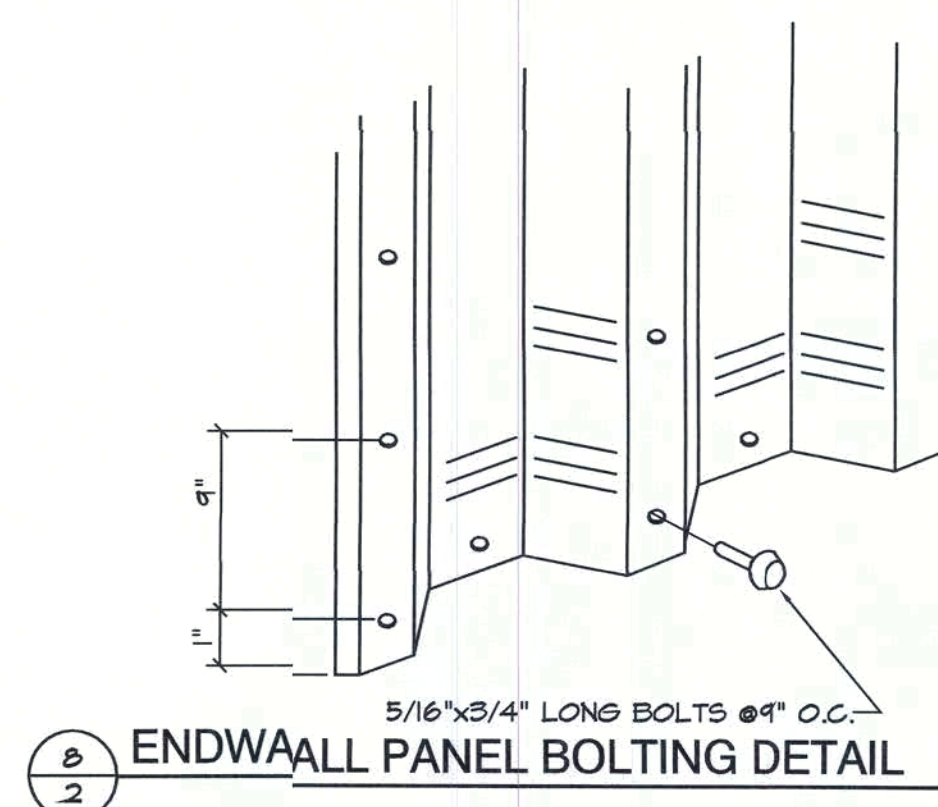
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2 HEADER CLIP DETAIL



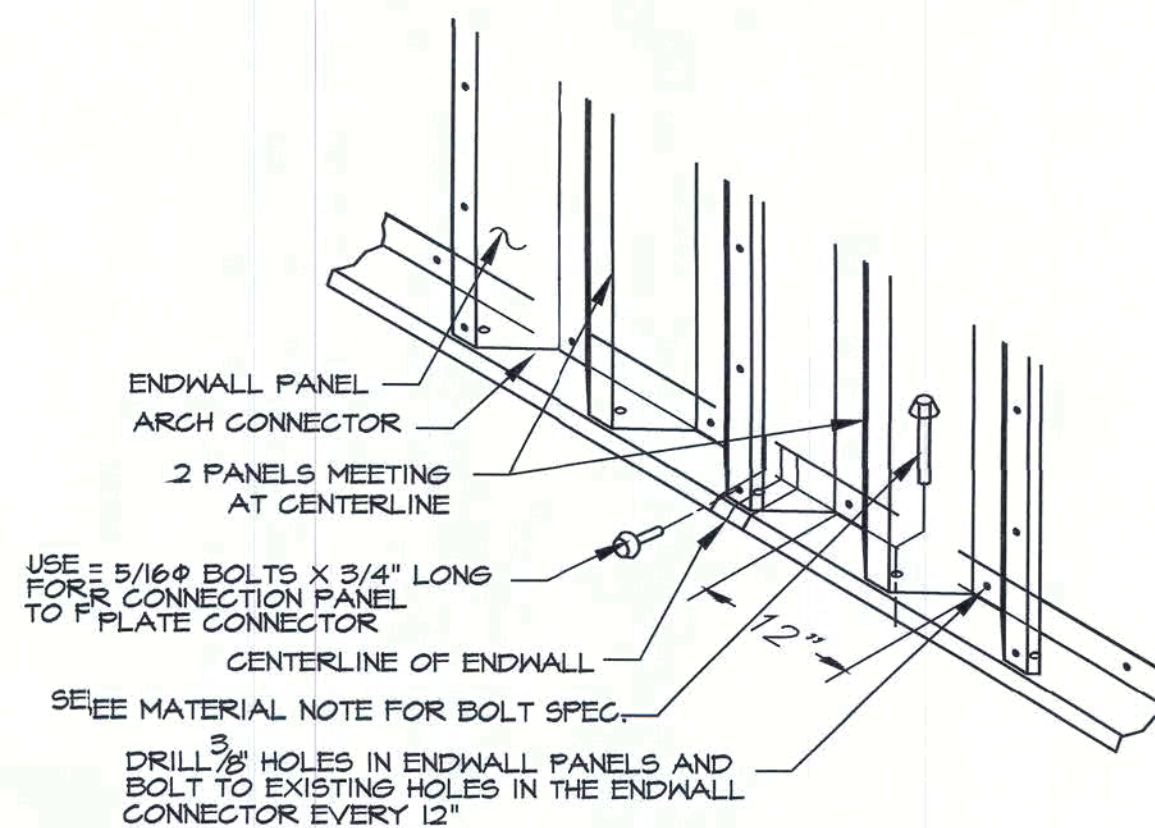
CLIP WING ASSEMBLY DETAIL



6
2 HEADER CONNECTION DETAIL overhead door only

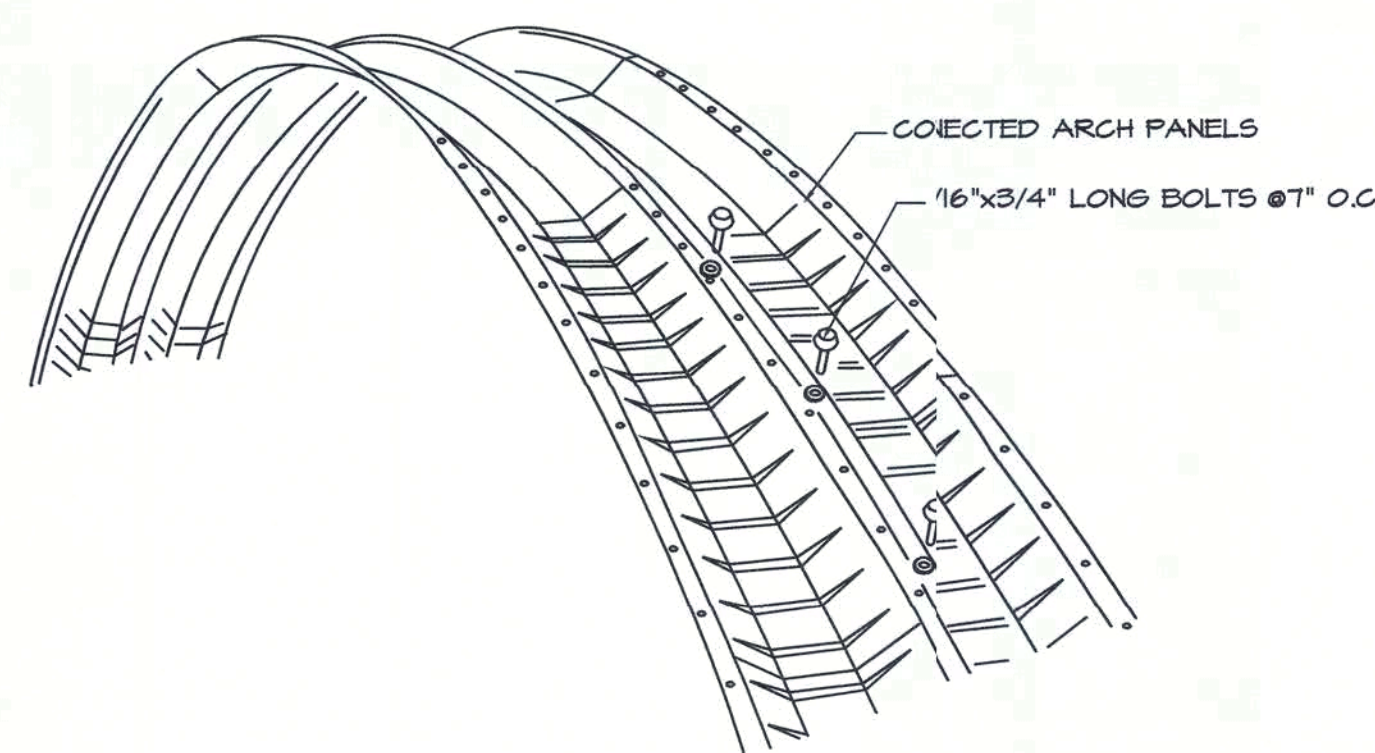


8
2 ENDWALL PANEL BOLTING DETAIL

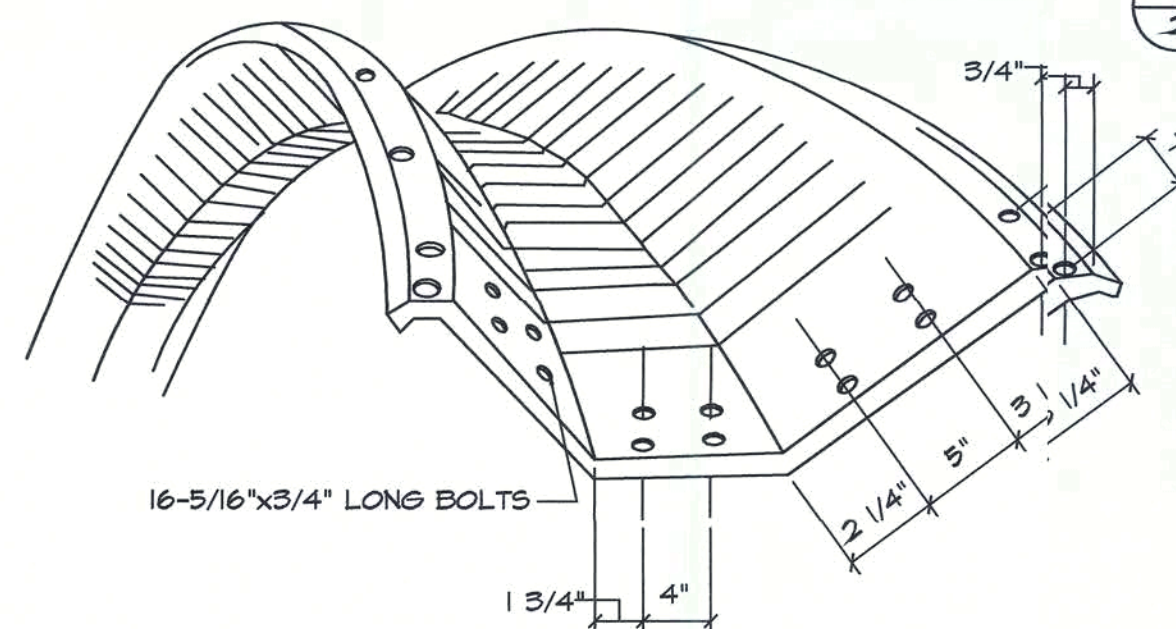


CAULKING SHOULD BE APPLIED LIBERALLY UNDER THE ENDWALL CONNECTOR, AROUND EVERY ANCHOR HOLE, AND AT THE ENDWALL CONNECTOR SEAMS UNDER ANY BASE SEAL PLATES.

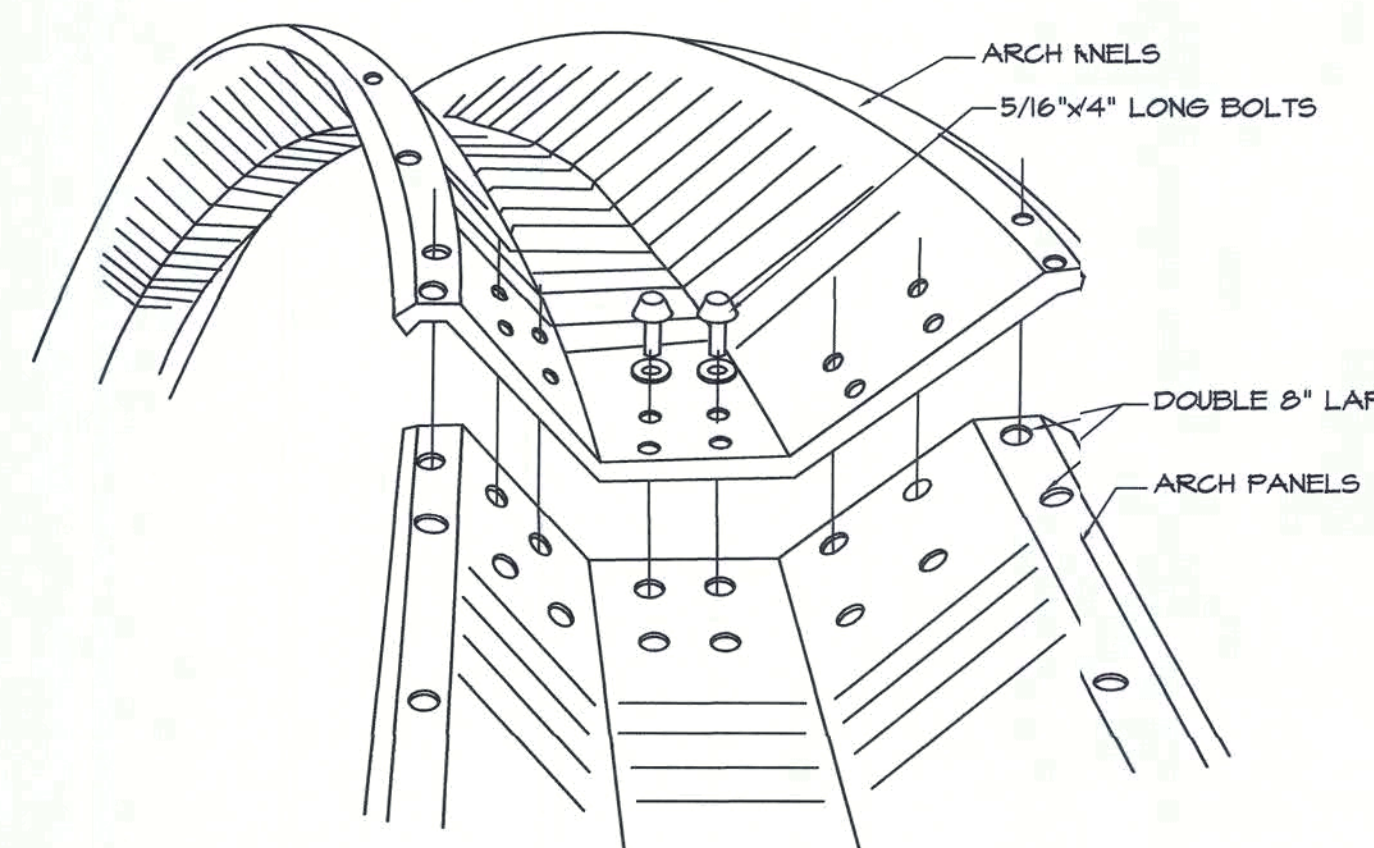
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2 ENDWALL CONNECTION DETAIL



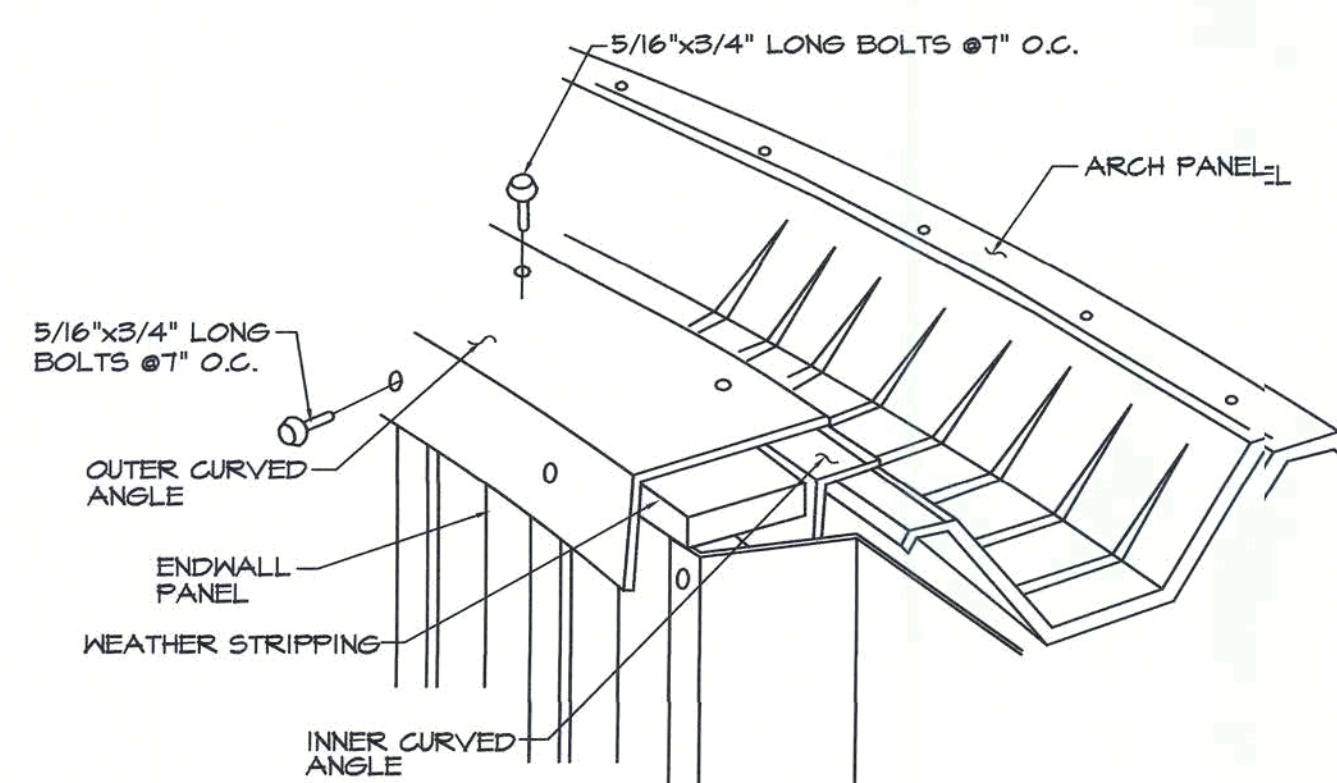
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2 ARCH PANEL BOLTING DETAIL



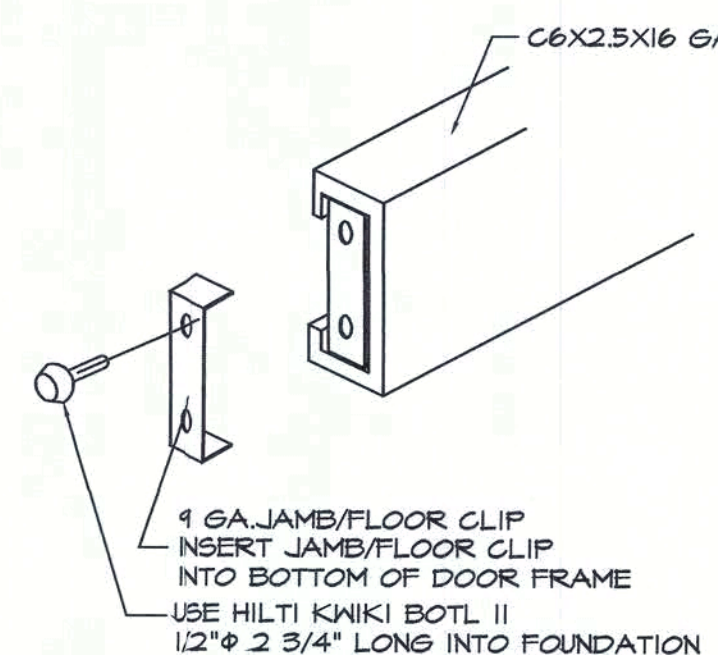
ARCH PANEL BOLTING DETAIL



4
2 ARCH PANEL CONNECTION DETAIL



7
2 ENDWALL CONNECTION DETAIL



5
2 JAMB CLIP DETAIL man door only
NOT USED

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2 OF TWO