

- CONTRACTOR TO VERIFY EXISTING CONDITIONS AND DIMENSIONS AND SHALL REVIEW THE DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING NOTES.
2. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S PERFORMANCE, NONPERFORMANCE, NEGLIGENT PERFORMANCE, OR BREACH OF THE CONTRACT AWARDED. CONTRACTOR SHALL INDEMNIFY, INSURE AND HOLD HARMLESS THE ENGINEER AND EACH OF HIS DIRECTORS, OFFICERS, EMPLOYEES, ATTORNEYS, AGENTS, SUBCONSULTANTS, HEIRS AND ASSIGNS, AGAINST, AND HOLD EACH OF THEM HARMLESS FROM, ANY LOSS, LIABILITIES, DAMAGES, CLAIMS, CAUSES OF ACTION, COSTS AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES AND DISBURSEMENTS, SUFFERED OR INCURRED BY ANY OF THEM ARISING OUT OF, RESULTING FROM, ATTRIBUTABLE TO, OR IN ANY MANNER CONNECTED THEREWITH.
3. CONTRACTOR MUST NOTIFY THE OWNER AND ENGINEER OF ANY OMISSIONS, CONTRADICTIONS OR CONFLICTS SEVEN DAYS BEFORE THE BID DATE. ENGINEER WILL PROVIDE THE NECESSARY CORRECTIONS OR ADDITIONS TO PLANS. IF HE DOES NOT NOTIFY THE OWNER AND ENGINEER OF ANY SUCH CONDITION, IT WILL BE ASSUMED HE HAS INCLUDED THE NECESSARY ITEMS IN HIS BID.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL AND STATE REGULATIONS, BUILDING CODES, ORDINANCES AND GOOD CONSTRUCTION PRACTICES; IF THE CONTRACTOR FEELS A CONFLICT EXISTS BETWEEN WHAT IS CONSIDERED GOOD CONSTRUCTION PRACTICE AND THESE PLANS, HE SHALL STATE IN WRITING ANY OBJECTIONS PRIOR TO SUBMITTING QUOTATIONS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STABILITY AND INTEGRITY OF EXISTING STRUCTURES AND THE PROTECTION OF ADJACENT PROPERTY AND PUBLIC UNTIL COMPLETION OF THE WORK.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY DURING THE COURSE OF THE WORK, TO BRING TO THE ATTENTION OF THE OWNER AND ENGINEER ANY DELETERIOUS CONDITIONS DISCOVERED WHERE NOT PREVIOUSLY IDENTIFIED.
7. CONTRACTOR SHALL SUBMIT ALL ALTERNATE MATERIALS, METHODS OR CONSTRUCTION DETAILS TO THE OWNER AND ENGINEER FOR APPROVAL.
8. CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR THE ACCURACY OF ALL MEASUREMENTS, ESTIMATES OF MATERIAL QUANTITIES AND SIZES, AND SITE CONDITIONS THAT WILL AFFECT WORK.
9. CZAR ENGINEERING, L.L.C.'S SERVICES LIMITED TO WORK AS DESCRIBED HEREIN ONLY. NO OTHER STRUCTURE WAS REVIEWED AND WE DEFER TO THE BUILDING CONTRACT DOCUMENTS FOR ALL OTHER DESIGN INFORMATION. IF THE CLIENT, OWNER, CONTRACTOR, OR ANY OTHER INTERESTED PARTY ARE AWARE OF DEFICIENCIES IN THE BALANCE OF THE STRUCTURE, IT IS INCUMBENT UPON THEM TO NOTIFY CZAR ENGINEERING, L.L.C., IN WRITING, AND ADDITIONAL SERVICES WOULD FOLLOW UNDER SEPARATE CONTRACT. OTHERWISE, CZAR ENGINEERING, L.L.C. CANNOT AND WILL NOT ACCEPT LIABILITY FOR DEFICIENCIES IN THE BALANCE OF THE STRUCTURE.

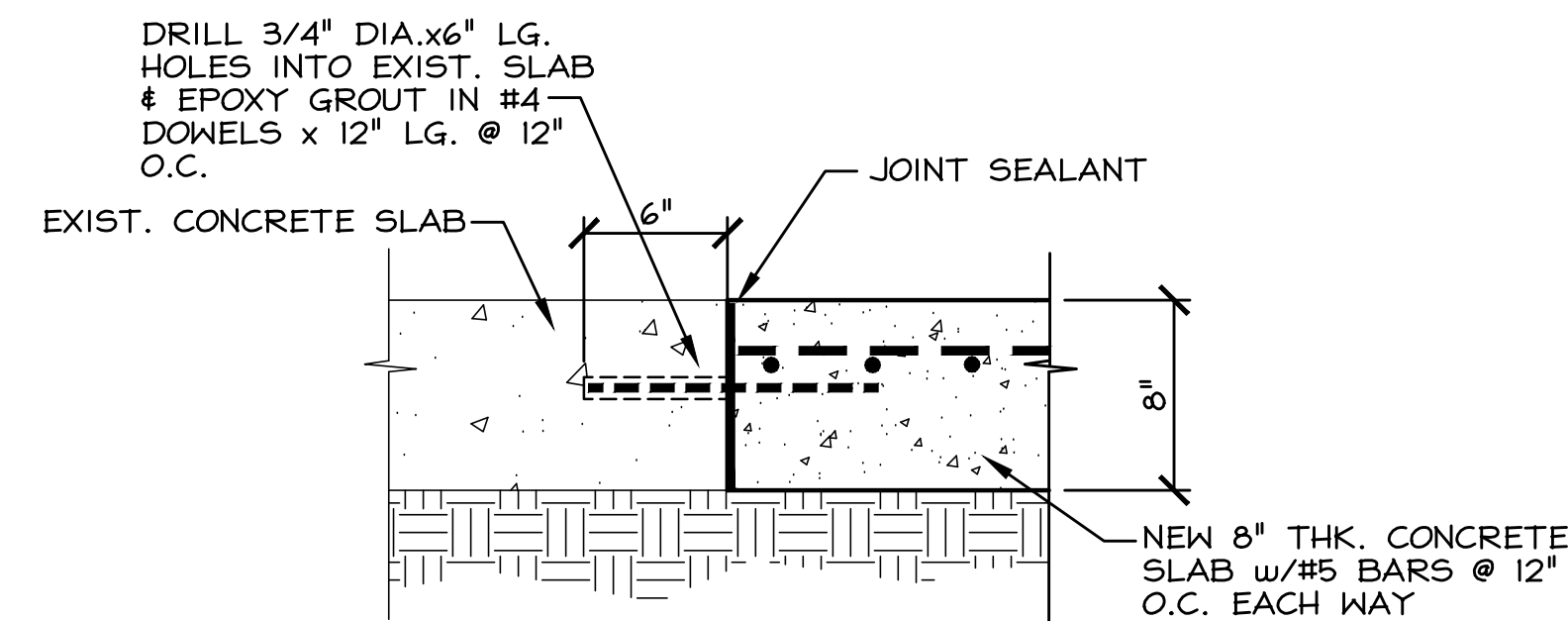
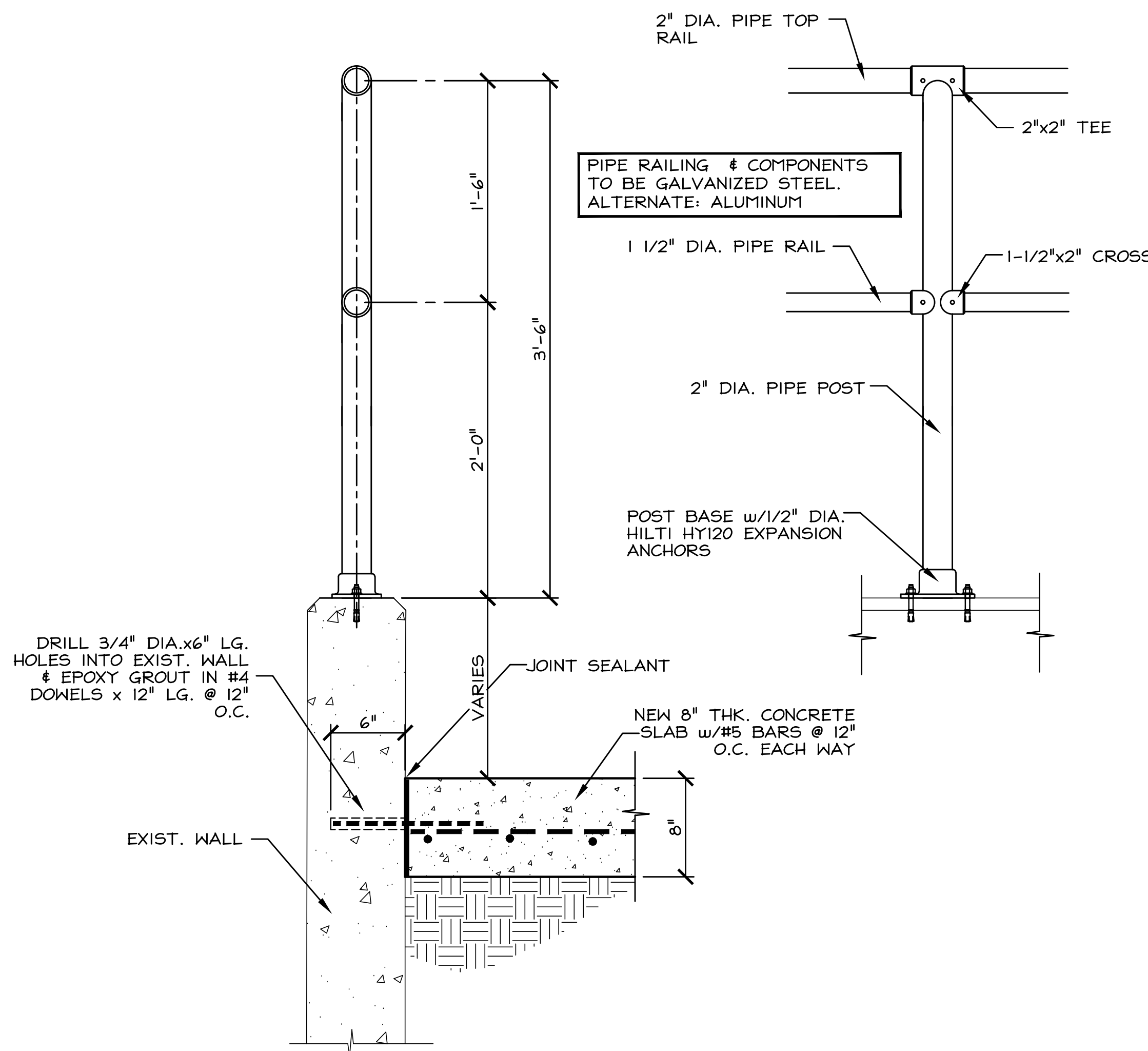
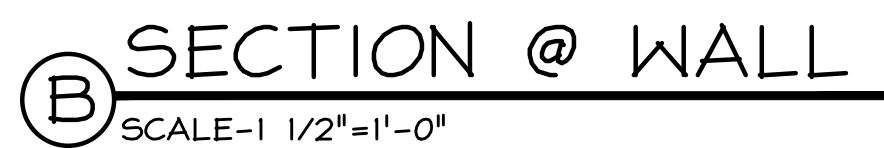
1. WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE CONDITIONS EVEN THOUGH NOT SPECIFICALLY MARKED ON THE PLANS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE STRUCTURE DURING CONSTRUCTION AGAINST EARTH PRESSURE, WIND, AND OTHER FORCES WHICH ARE PERMANENT OR TEMPORARY AND ARE NOT SPECIFICALLY MARKED.
3. WHERE NO SPECIFIC INFORMATION IS GIVEN, CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ARCHITECTURAL PLANS OR THE PRESCRIPTIVE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

1. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
MISC. SHAPES, ANGLES, & PLATES: ASTM A36
"HSS" TUBING: ASTM A 500, Gr. B
2. ALL NUTS, BOLTS AND WASHERS TO BE GALVANIZED & SHALL CONFORM TO ASTM SPECIFICATION A325, INSTALLED BY THE TURN_OF_THE_NUT METHOD OR CALIBRATED TORQUE WRENCH.
3. ALL STEEL SHALL TO RECEIVE ONE SHOP COAT OF ZINC CHROMATE OR COMPATIBLE PRIMER AND ONE COAT OF A GOOD RUST INHIBITING PAINT & GALVANIZED WHERE NOTED.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY BRACING OF ALL STRUCTURAL ELEMENTS UNTIL CONSTRUCTION IS COMPLETED.
5. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER USING E70 SERIES ELECTRODES.

1. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS. TWO TEST CYLINDERS FOR STRENGTH TESTS OF CONCRETE SHALL BE TAKEN NOT LESS THAN ONCE EACH DAY OF PLACEMENT. AIR ENTRAIN ALL CONCRETE TO SIX PERCENT.
2. ALL CONCRETE SHALL BE REINFORCED AND ERECTED IN ACCORDANCE WITH THE REINFORCEMENT DETAILS FOR REINFORCED CONCRETE AS ADOPTED BY ACI 318 AND LOCAL CODES.
3. THIS WORK SHALL CONFORM TO ACI 301 STANDARD SPECIFICATIONS FOR REINFORCED CONCRETE.

GOVERNING CODE: 2018 NJIBC, ASCE 7-16 AND ATC COUNCIL WEB APP FOR WIND SPEED MAPPING.

1. THE STATE OF NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS, CONSTRUCTION CODE ELEMENTS "UNIFORM CONSTRUCTION CODE";
2. INTERNATIONAL BUILDING CODE COUNCIL, INTERNATIONAL BUILDING CODE 2018", NEW JERSEY EDITION
3. AMERICAN CONCRETE INSTITUTE, BUILDING REQUIREMENTS FOR STRUCTURAL CONCRETE (318-05).
4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS--ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", AISC 360-05
5. AMERICAN WELDING SOCIETY, A STRUCTURAL WELDING CODE (DI.1-04)




(A) EXIST./NEW CONCRETE SLAB
SCALE-1 1/2"=1'-0"

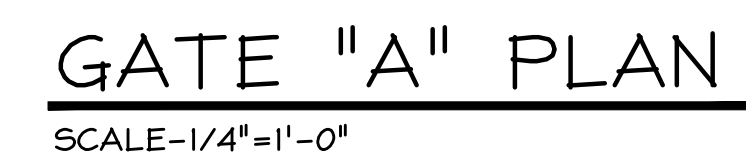
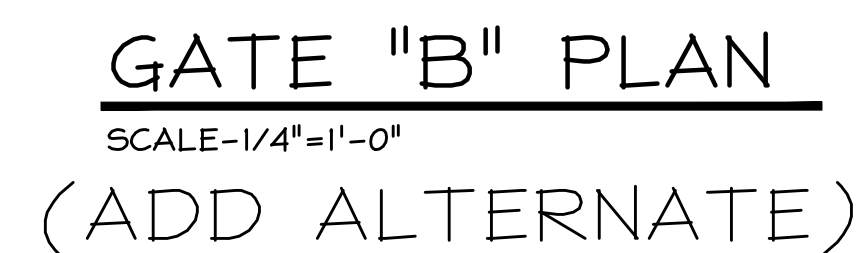
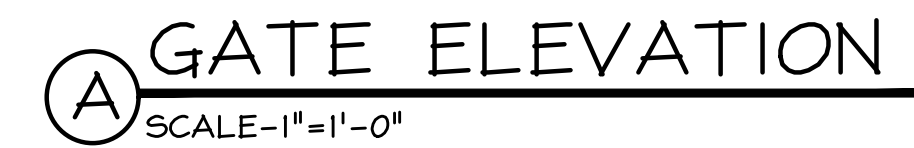
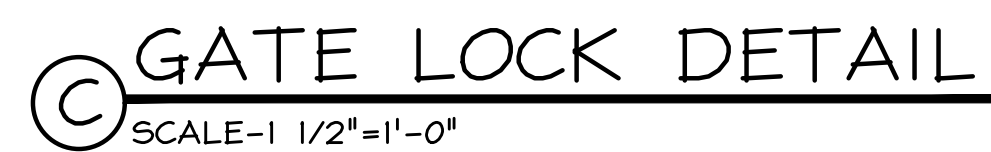
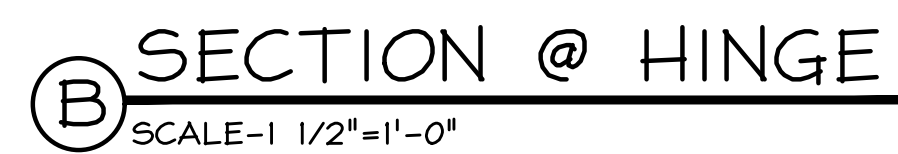
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DWG. No.
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