

GENERAL NOTES:

- The notes on the drawings are not intended to replace specifications. In addition to general notes, see specifications for requirements.
- Structural drawings shall be used in conjunction with job specifications and architectural, mechanical, electrical, plumbing, and site drawings. Consult, openings, chases, inserts, reglets, sleeves, depressions, and other details not shown on structural drawings.
- All dimensions and conditions must be verified in the field. Any discrepancies shall be brought to the attention of the engineer before proceeding with the affected part of the work.
- Do not scale plans.
- Sections and details shown on any structural drawings shall be considered typical for similar conditions.
- All proprietary products shall be installed in accordance with the manufacturers written instructions.
- The structure is designed to be self supporting and stable after the erection is complete. It is the contractor's sole responsibility to determine erection procedures and sequencing to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting temporary bracing, guys or tie-downs. Such material shall remain the property of the contractor after completion of the project.
- All applicable federal, state, and municipal regulations shall be followed, including the federal department of labor occupational safety and health act.

DESIGN LOADS:

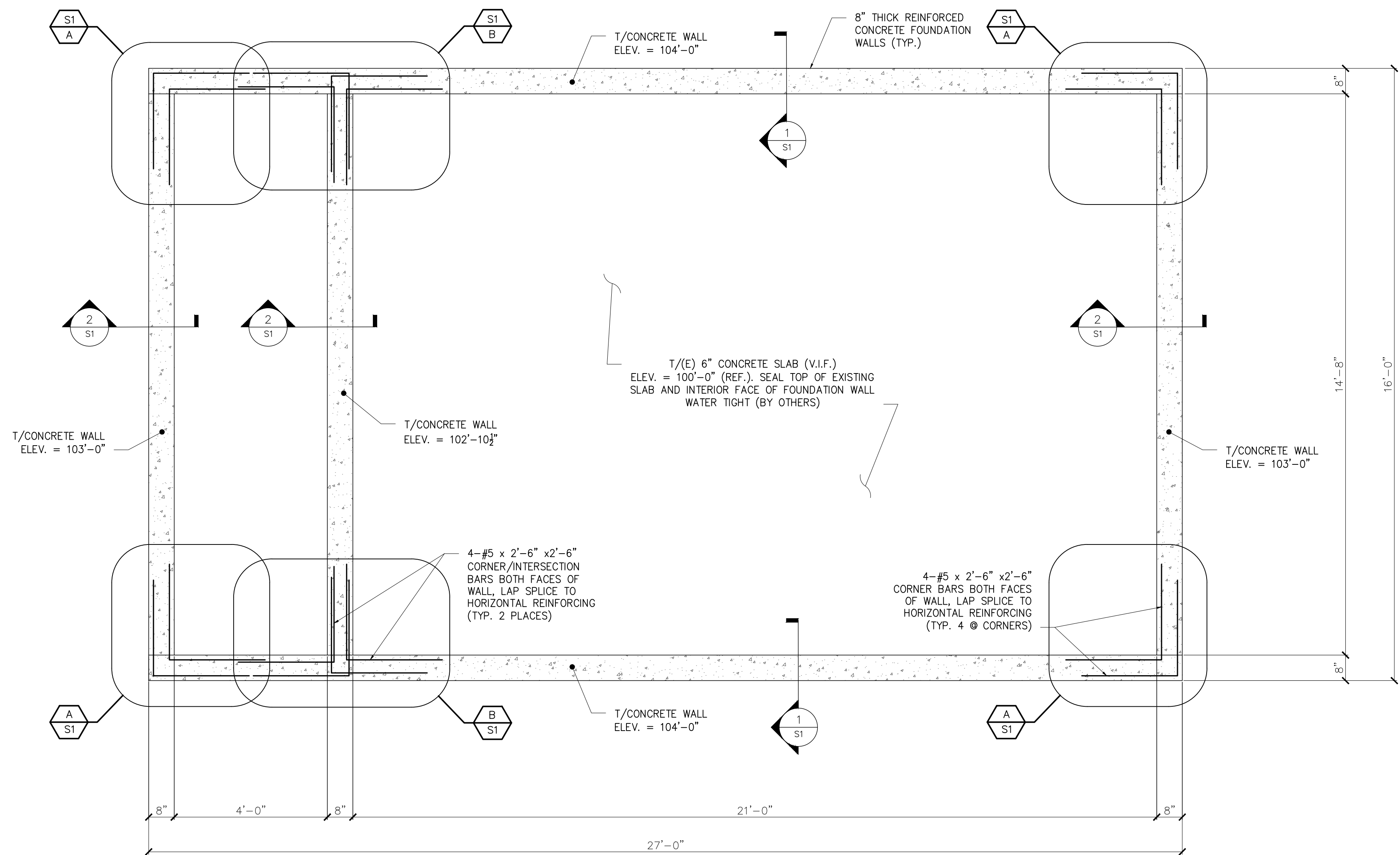
- Building code: IBC (2009) International Building Code.
- Design Live Loads:
 - Wholesale Floor.....125 psf
 - Common areas and corridors. 100 psf
 - Stairs & exit ways 100 psf
 - Storage areas 125 psf
 - Offices.....50 psf (+ 20 psf partition)
- Seismic Design Utilizes Analysis Procedure shall be equivalent Lateral Force Procedure per IBC 2009.

FOUNDATION NOTES:

- Foundations have been designed with a presumptive soil bearing capacity of 2000 psf to be verified by the general contractor in the field. If the allowable soil bearing capacity is less than 2000 psf, the excessive soil bearing pressure could result with foundation settlement and movement of the building structure. L&L Structural Engineering shall not be responsible and held harmless for damages resulting from foundation settlement and movement of the structure resulting from inadequate soil bearing capacity.

CONCRETE NOTES:

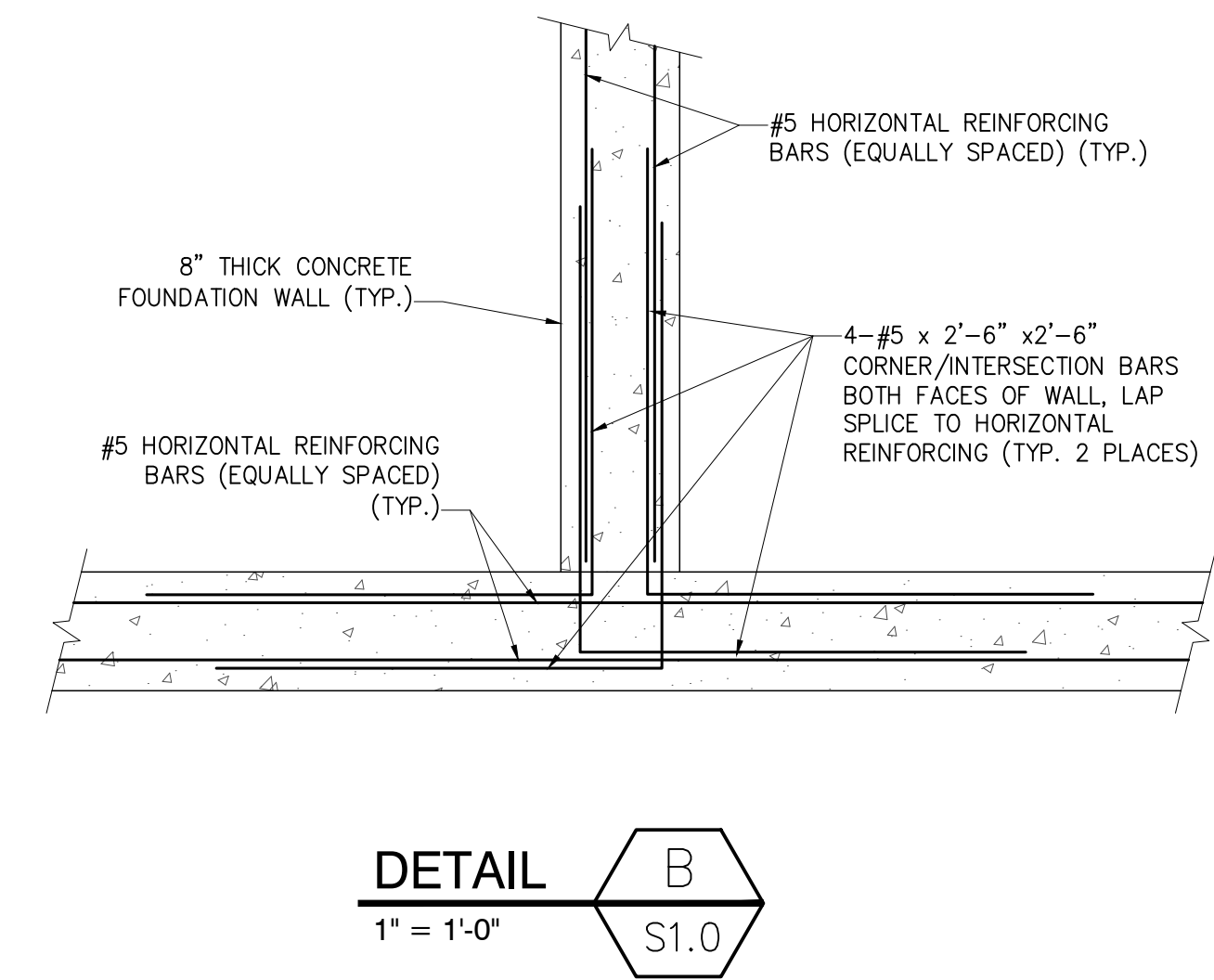
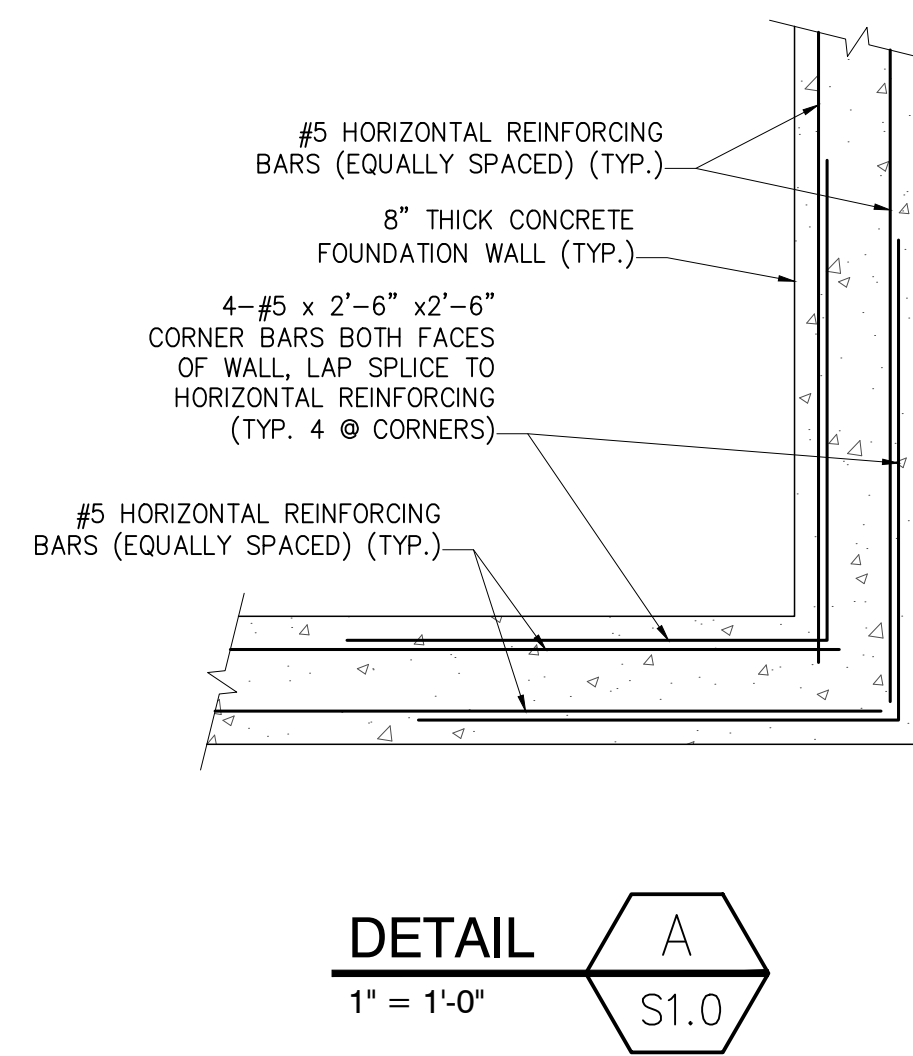
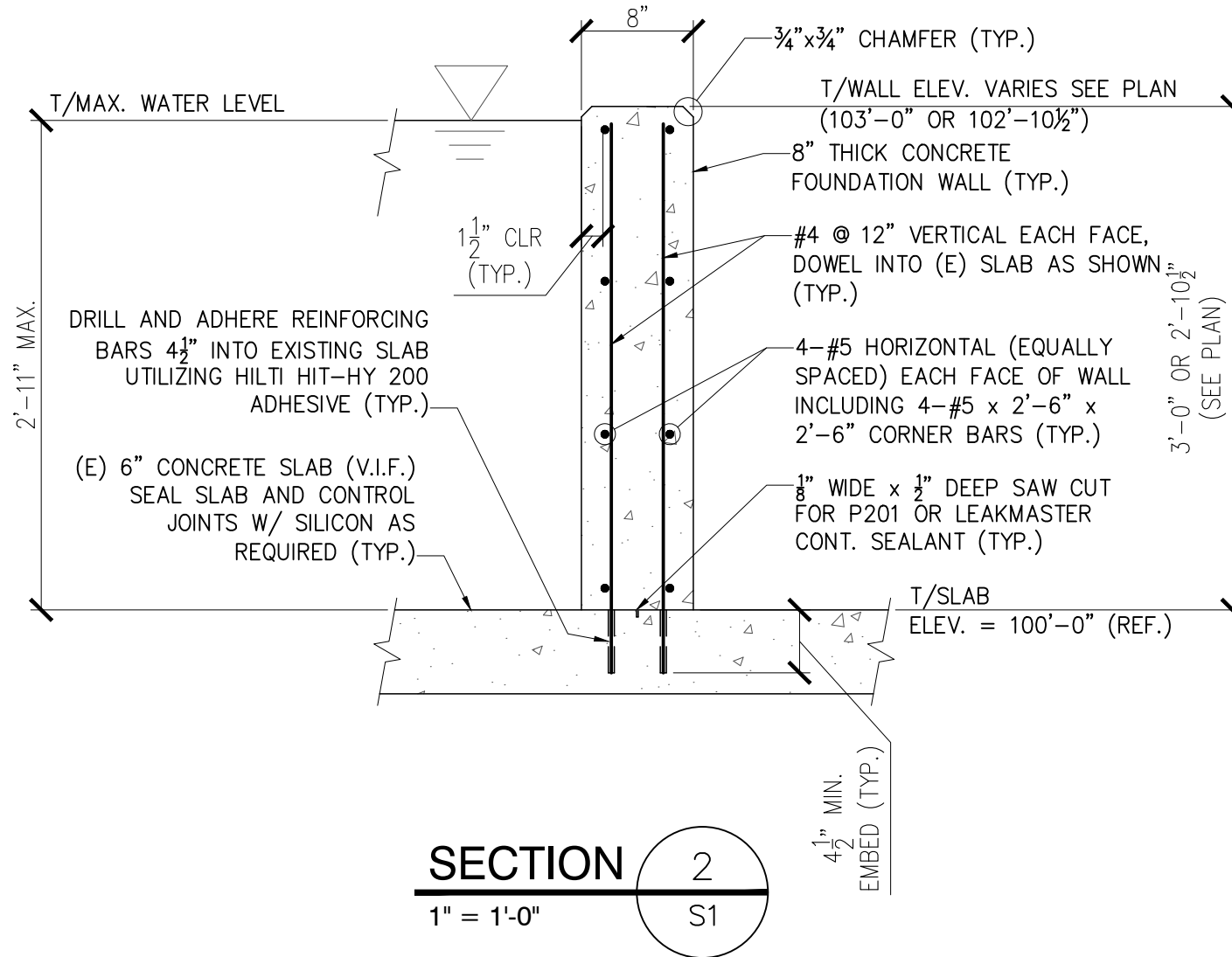
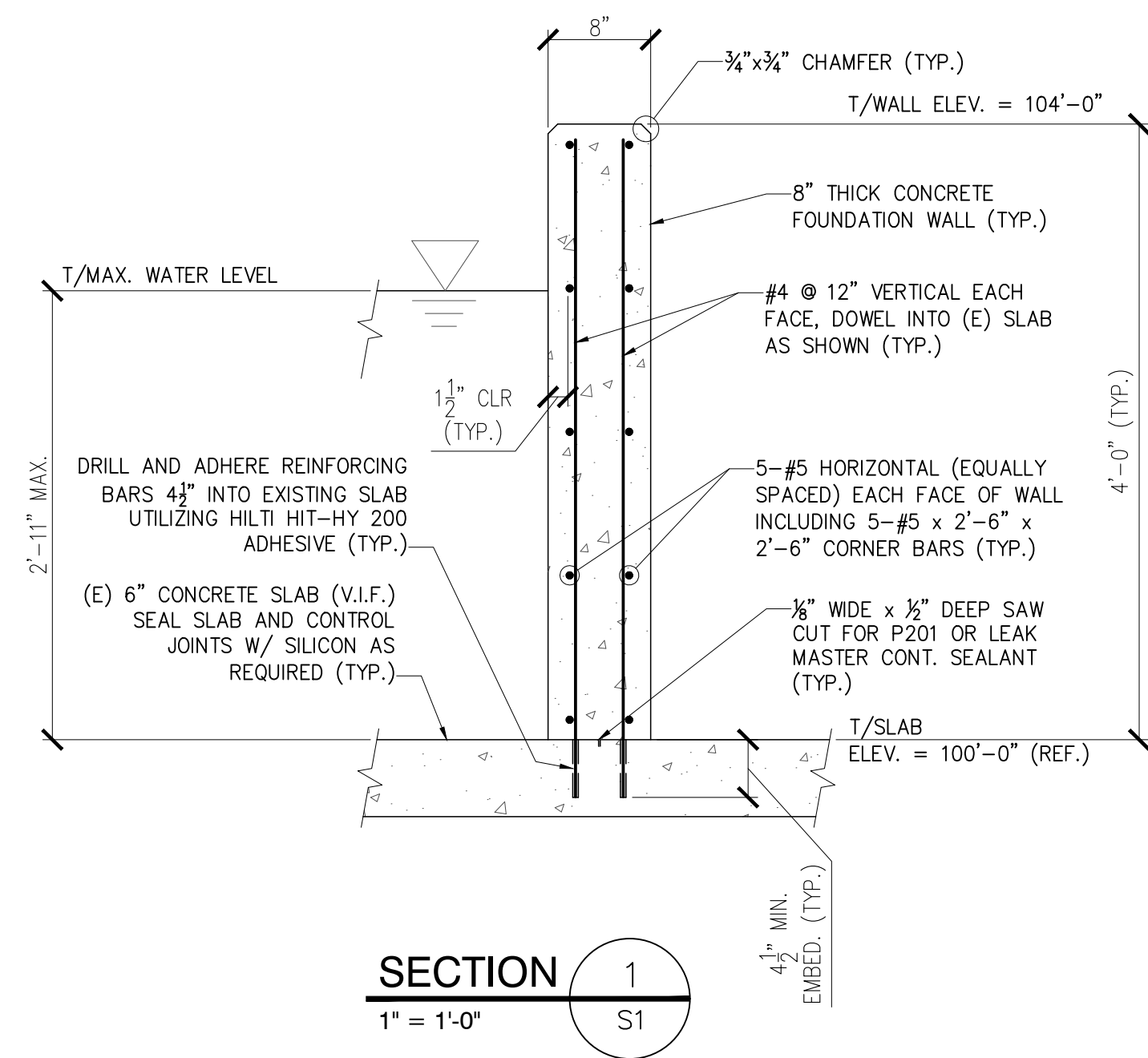
- All concrete work shall conform to ACI 318-Latest Edition.
- Concrete strength at 28 days shall be 4000 psi.
- All concrete shall be air entrained 4% to 6% per the specifications.
- Concrete shall not be placed in water or on frozen ground.
- Concrete materials:
 - Portland Cement: ASTM C 150, Type I or Type II unless otherwise acceptable to Architect. Use one brand of cement throughout project, unless otherwise acceptable to Architect.
 - Normal Weight Aggregates: ASTM C 33. Provide from a single source for exposed concrete. Do not use aggregates containing soluble salts or other substances such as iron sulfides, pyrite, marcasite, or ochre which can cause stains on exposed concrete surfaces.
 - Light Weight Aggregates: ASTM C 330.
 - Water: Potable.
 - Air-Entraining Admixture: ASTM C 260.
 - High-Range Water-Reducing Admixture (Super Plasticizer): ASTM C 494, Type F or Type G containing not more than 1% chloride ions.
 - Fiber reinforcement shall be added and distributed prior to incorporation of Super Plasticizer.
 - Normal range water reducing admixture: ASTM C 494 Type A containing no calcium chloride.
 - Accelerating Admixture: ASTM C 494 Type C or E.
 - Calcium Chloride not permitted.
- Provide PVC sleeves where pipes pass through concrete walls or slabs.
- Reinforcing bars shall conform to ASTM A615 Grade 60 deformed bars, and shall be detailed, fabricated and erected in accordance with ACI 315-Latest edition.
- Welded wire fabric shall be provided in flat sheets.
- Fiber reinforced concrete shall conform to ASTM C-1116.
- Complete shop drawings and schedules of all reinforcing steel shall be prepared by the contractor and submitted to the engineer for review prior to commencement of that portion of the work. All accessories must be shown on the shop drawings. Submit (2) black line prints to the Engineer/Architect.
- Splices of reinforcing bars shall be in accordance with ACI 318. Splices of WWF shall be 6" minimum.
- Concrete finishes:
 - Slabs: Steel trowel and light broom (non-slip)
 - Walls: Grout cleaned
- Anchor bolts shall conform to ASTM A36 hot dipped galvanized unless noted otherwise on plan.



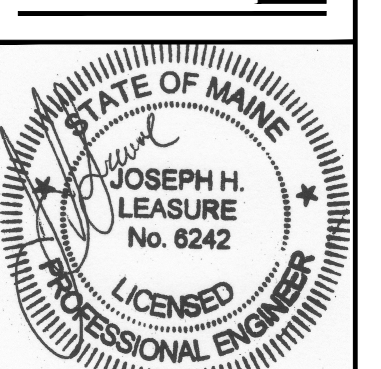
LOBSTER HOLDING TANK FOUNDATION PLAN

1/2" = 1'-0"

- NOTES:
- SEE GENERAL NOTES ON DWG S1.
 - "E" INDICATES: EXISTING CONDITIONS, OR MEMBERS.
 - "TYP." INDICATES: TYPICAL (ALSO SEE GENERAL NOTE #5).
 - "V.I.F." INDICATES: G.C. SHALL "VERIFY IN FIELD" EXISTING DIMENSIONS, ELEVATIONS, OR CONDITIONS INDICATED AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
 - "U.O.N." INDICATES: UNLESS OTHERWISE NOTED.



L & L STRUCTURAL ENGINEERING SERVICES, INC.
 SIX O STREET
 SOUTH PORTLAND, MAINE 04106
 PHONE: (207) 767-4830
 FAX: (207) 799-5432
 EMAIL: JLEASURE@L-L-ENG.COM



designed by	date	description	approved
JHL	11/22/17	FOR CONSTRUCTION	JHL
drawn by: P.M., J.H.	0		
checked by: JHL			
scale: AS NOTED			
date: 11/16/2017			
plot date: 11/22/17			
project #:	2017-224		

MAINE LOBSTERS NOW
 58 CITY LINE DRIVE
 PORTLAND, MAINE
 LOBSTER HOLDING TANK
 GENERAL NOTES, FOUNDATION PLAN, SECTIONS AND DETAILS

S1

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