GENERAL NOTES:

- 1. The notes on the drawings are not intended to replace specifications. in addition to general notes. See specifications for requirements
- 2. 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. 3. 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. 4. Do not scale plans.
- 5. Sections and details shown on any structural drawings shall be considered typical for similar
- 6. All propietary products shall be installed in accordance with the manufacturers written instructions.
- 7. 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 tiedowns. Such material shall remain the property of the contractor after completion of the project.
- 8. All applicable federal, state, and municipal regulations shall be followed, including the federal department of labor occupational safety and health act.

2x10 CONT. P.T. LEDGER FASTENED TO EACH EXISTING 8" THICK HOLLOW (V.I.F.) CMU

W/1/2" Ø x 2" EMBEDMENT (INTO HOLLOW CONCRETE CMU BLOCK) HILTI HIT-HY 20 (HIT

MAINTAIN 2" MINIMUM EDGE DIST. FROM € OF BOLT TO EDGE OF 2x10 (TYP.) —

2×10 P.T. PILUS 2x12

P.T. RIM-BOARD (TYP.)

 $9'-11\frac{1}{2}$ " (V.I.F.)

10'-10" (V.I.F.) LIMIT OF DECK

11'-0" (V.I.F.) MAIN BUILDING

(LOWER) BASEMENT FLOOR DECK FRAMING PLAN

POST

SHORT) HDG ADHESIVE ANCHORS @ 16" O.C. PER MANUFACTURERS WRITTEN INSTRUCTIONS.

S2 /

2x10 P.T. ADD'L JOIST ON OPPOSITE SIDE OF 4x6 GUARDRAIL POSTS (TYP.) -

6x6 P.T. GUARDRAIL POST IN CORNERS OF DECK AND

2x10 P.T. JOISTS @ 16" O.C. FASTENED TO

LEDGER W/SIMPSON HDG LUS210 HANGERS (FASTENED W/S.S. NAILS PER MANUF.) (TYP.) -

INTERMEDIATE 4x6 P.T. GUARDRAIL POSTS (TYP.). INSTALL

2x10 P.T. JOIST OR 2x10 P.T. BLOCKING (MIN.) ON BOTH SIDES

FASTEN INSIDE 2x10 TO LEDGER W/HANGER AND

FASTEN SECOND EXTERIOR 2x12 TO FIRST 2x10

W/(2)16d S.S. NAILS @ 12" O.C. (TYP.) —

OF EACH 6x6/4x6 POST. SEE SECTION 2/S2 & 3/S2 (TYP.)

DESIGN LOADS:

- 1. Building code: IRC (2009) International Residential Building Code.
- 2. Design Live Loads: (Ground Snow load = 50 psf) 45 psf + drift as applicable Floor and exterior deck 40 psf
- 3. Design wind loads are based on exposure C using 100
- mph basic wind speed. 4. Seismic Design per IRC 2009

FOUNDATION NOTES:

- 1. Foundations have been designed with a presumptive soil bearing capacity of 2500 psf to be
- verified by the general contractor in the field.
- 2. Interior spread footings and exterior strip footings shall be founded on undisturbed native soil.
- 3. Exterior strip and spread footings shall be founded a minimum of 4'-0" below finished site grade unless otherwise noted.
- 4. Structural fill shall be used at all locations below footings (as applicable) and adjacent to the foundation walls. Prior to placement of structural fill, remove all topsoil and other unsuitable material. Compacted structural fill shall consist of clean granular material free of organics, loam, trash, snow, ice, frozen soil or any other objectionable material. It shall be well graded within the following limits:

SCREEN OR	PERCENT F
SIEVE SIZE	BY WEIGH
6 INCH	100
3 INCH	70-100
NO. 4	35-70
NO. 40	5-35
NO. 200	0-5

RECONNECT EXISTING OR RE-CONSTRUCT

- 6x6 P.T. GUARDRAIL POST IN CORNERS OF DECK AND INTERMEDIATE 4x6 P.T. GUARDRAIL POSTS (TYP.).

EACH 6x6/4x6 POST. SEE SECTION 2/S2 & 3/S2 (TYP.)

INSTALL 2x10 P.T. JOIST (MIN.) ON BOTH SIDES OF

-FASTEN INSIDE 2x10 TO LEDGER W/HANGER AND

FASTEN SECOND EXTERIOR 2x12 TO FIRST 2x10

- 6x6 P.T. GUARDRAIL POST IN CORNERS OF DECK AND

INTERMEDIATE 4x6 P.T. GUARDRAIL POSTS (TYP.). INSTALL

2x10 P.T. JOIST OR 2x10 P.T. BLOCKING (MIN.) ON BOTH SIDES OF EACH 6x6/4x6 POST. SEE SECTION 2/S2 & 3/S2 (TYP.)

W/(2)16d S.S. NAILS @ 12" O.C. (TYP.)

STAIR (DESIGNED BY OTHERS)

2x12 P.T. BEAM ON BOTH SIDES

OF POST (2-2x12 TOTAL) (TYP.)

(V.I.F.)

POST €

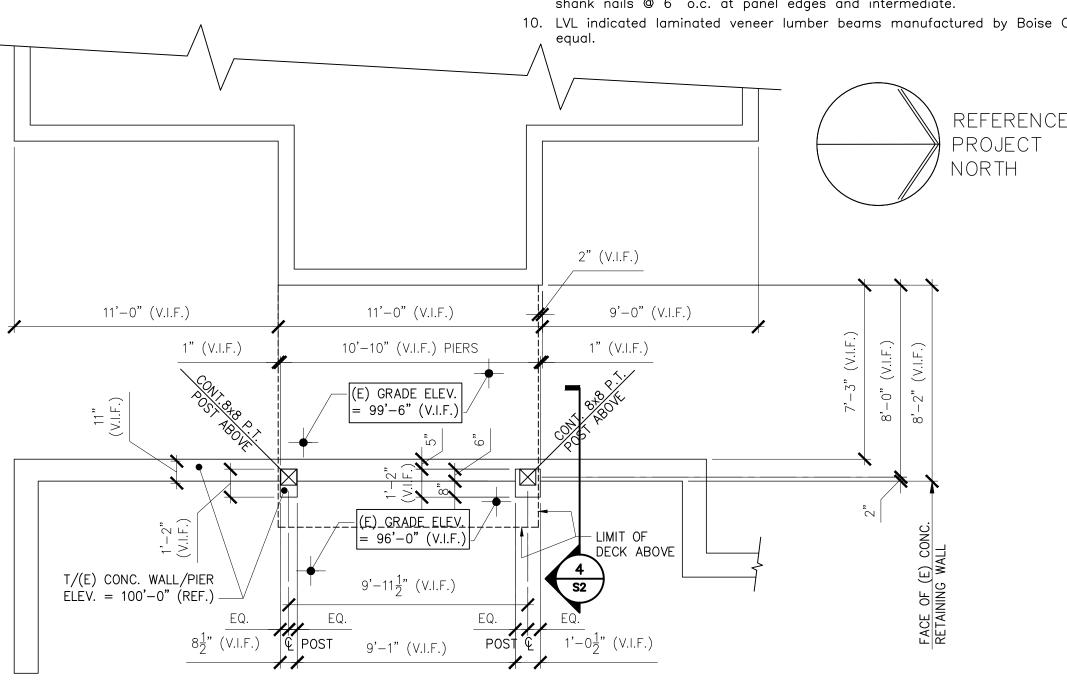
- 5. Structural fill (or ¾" crushed stone) beneath footings (as applicable) shall be placed in layers not exceeding 6 inches in loose measure and compacted by self-propelled compaction equipment at approximate optimum moisture content to a dry density of at least 95% of the maximum in place dry density as determined by the modified proctor test (ASTM D-1557). For structural fill
- or 100% of the rodded unit weight as determined by ASTM C-29 for $\frac{\%}{2}$ crushed stone. 6. Underdrains shall be installed to positively drain to a suitable discharge point away from the

CONCRETE NOTES:

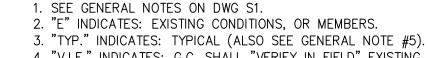
- 1. All concrete work shall conform to ACI 318-Latest Edition.
- 2. Concrete strength at 28 days shall be 3000 psi for footings.
- 3. All concrete shall be air entrained 4% to 6% per the specifications.
- 4. Concrete shall not be placed in water or on frozen ground.
- 5. Reinforcing bars shall conform to ASTM A615 Grade 60 deformed bars, and shall be detailed, fabricated and erected in accordance with ACI 315-Latest edition.

TIMBER FRAMING:

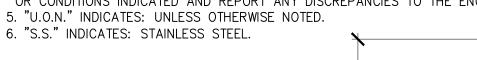
- 1. All Timber framing shall be in accordance with the AITC timber construction manual or the national design specification (NDS) — latest edition
- 2. Individual timber framing members shall be visually graded, minimum grade #2 Spruce—Pine—Fir (SPF), kiln dried to 19% maximum moisture content.
- 3. Timber shall be southern yellow pine treated with ACQ water borne preservative in accordance with AWPA treatment C1 with 0.40 PCF retainage for items in contact with roofing, masonry or
- concrete with 0.60 PCF retainage for items in contact with earth. 4. Metal connectors shall be used at all timber to timber connections or as noted on the design
- drawings. All metal connectors in contact with pressure treated timber shall be stainless steel. 5. Provide Simpson H2.5A hurricane anchors where timber framing and/or trusses bear on bearing
- wall and structural beams. 6. Nails and screws not specified shall conform with IRC 2009. All nails and screws in contact
- with pressure treated timber shall be stainless steel. 7. Provide $\frac{1}{2}$ " thick APA rated exterior wall sheathing fastened w/ 10d nails @ 4" o.c. at panel
- edges and 6" o.c. intermediate (typ uon in plan). Lap sheathing 1'-0" minimum over existing structure (Where applicable).
- 8. Provide ¾" thick APA rated roof sheathing fastened w/ 10d nails @ 6" o.c. at panel edges
- 9. Provide $\frac{3}{4}$ " thick APA rated floor sheathing fastened w/ construction adhesive and 10d ring shank nails @ 6" o.c. at panel edges and intermediate.
- 10. LVL indicated laminated veneer lumber beams manufactured by Boise Cascade or approved

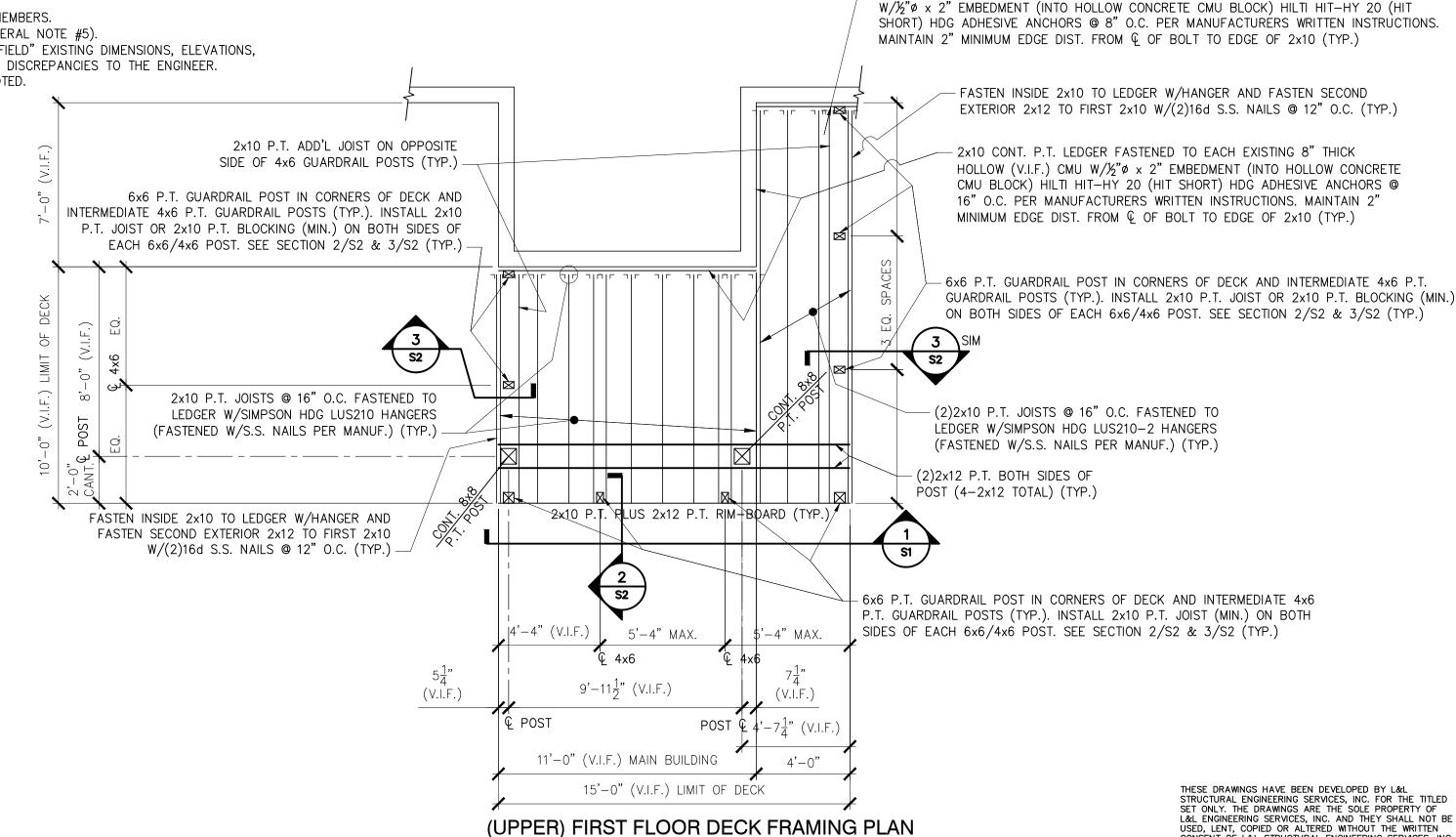






4. "V.I.F." INDICATES: G.C. SHALL "VERIFY IN FIELD" EXISTING DIMENSIONS, ELEVATIONS, OR CONDITIONS INDICATED AND REPORT ANY DISCREPANCIES TO THE ENGINEER.





BUILDING SID

-2x10 CONT. P.T. LEDGER FASTENED TO EACH EXISTING 8" THICK HOLLOW (V.I.F.) CMU

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ICTUI RVICE

ENGINEERING
SIX Q STREET

JOSEPH H LEASURE No. 6242

CONSENT OF L&L STRUCTURAL ENGINEERING SERVICES, INC