STRUCTURAL NOTES

(THE FOLLOWING APPLY UNLESS DETAILED OR SPECIFIED OTHERWISE ON THE PLANS)

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GENERAL NOTES:

PLEASE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. ANY MODIFICATIONS TO THE STRUCTURE MUST BE REVIEWED AND APPROVED BY EXODUS ENGINEERING. ALL METHODS, MATERIALS, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (IBC) 2018 EDITION.

FOUNDATIONS:

FOOTINGS SHALL BEAR ON UNDISTURBED SOIL, COMPACTED FILL MATERIAL, OR CONTROLLED LOW-STRENGTH MATERIAL (CLSM) PER IBC 1809.2.

REINFORCING STEEL

MINIMUM GRADE 60. LAP ALL SPLICES A MINIMUM OF 32 BAR DIAMETERS OR 18". LAP HORIZONTAL STEEL AT CORNERS AND INTERSECTIONS IN FOOTINGS AND WALLS WITH CORNER BARS. MINIMUM CONCRETE COVER FOR REINFORCING STEEL PER ACI 318:

- INTERIOR FACES OF SLABS $\frac{1}{1/2}$ • EXPOSED TO WEATHER OR EARTH 1-1/2" FOR #5 AND SMALLER
- AND 2" FOR #6 AND LARGER.
- FOOTING BARS REQUIRE 3" COVER.

CONCRETE:

ALL CONCRETE MATERIALS AND PLACEMENT SHALL BE PER THE IBC 2018 SECTION 1901. MINIMUM DESIGN STRENGTH (F'C) SHALL BE 2,500 PSI, HOWEVER 3,000 PSI CONCRETE IS REQUIRED FOR WEATHERING PROTECTION WHERE CONCRETE IS EXPOSED TO THE WEATHER PER IBC. AIR ENTRAINMENT SHALL BE 5% +/-1%. AGGREGATE SIZE = 7/8" MAXIMUM.

ANCHOR BOLTS

ALL ANCHOR BOLTS EMBEDDED IN CONCRETE OR MASONRY SHALL BE BE A307 UNO.

POST-INSTALLED BOLTS INTO CONCRETE NOT OTHERWISE SPECIFIED SHALL BE SIMPSON TITEN HD $\frac{5}{8}$ "X8" ANCHORS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INCLUDING MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS. EPOXY-GROUTED ITEMS SPECIFIED ON THE DRAWINGS SHALL BE GROUTED WITH SIMPSON EPOXY. USE SET-XP EPOXY FOR MEAN TEMPERATURES OF 50°F AND ABOVE. USE AT-XP EPOXY FOR MEAN TEMPERATURES BELOW 50°F

GLUED LAMINATED BEAMS (GLB)

GLUED LAMINATED WOOD BEAMS SHALL BE GRADE DF 24F-V8, Fb=2,400 PSI, Fv= 240 PSI U.N.O.

DESIGN LOADS ROOF LOAD:	GROUND SNOW ROOF SNOW DEAD	30 PSF 25 PSF 15 PSF
SOIL BEARING:	CAPACITY BEARING DEPTH	,500 PSF 2"

SHEET INDEX:

LEGEND:

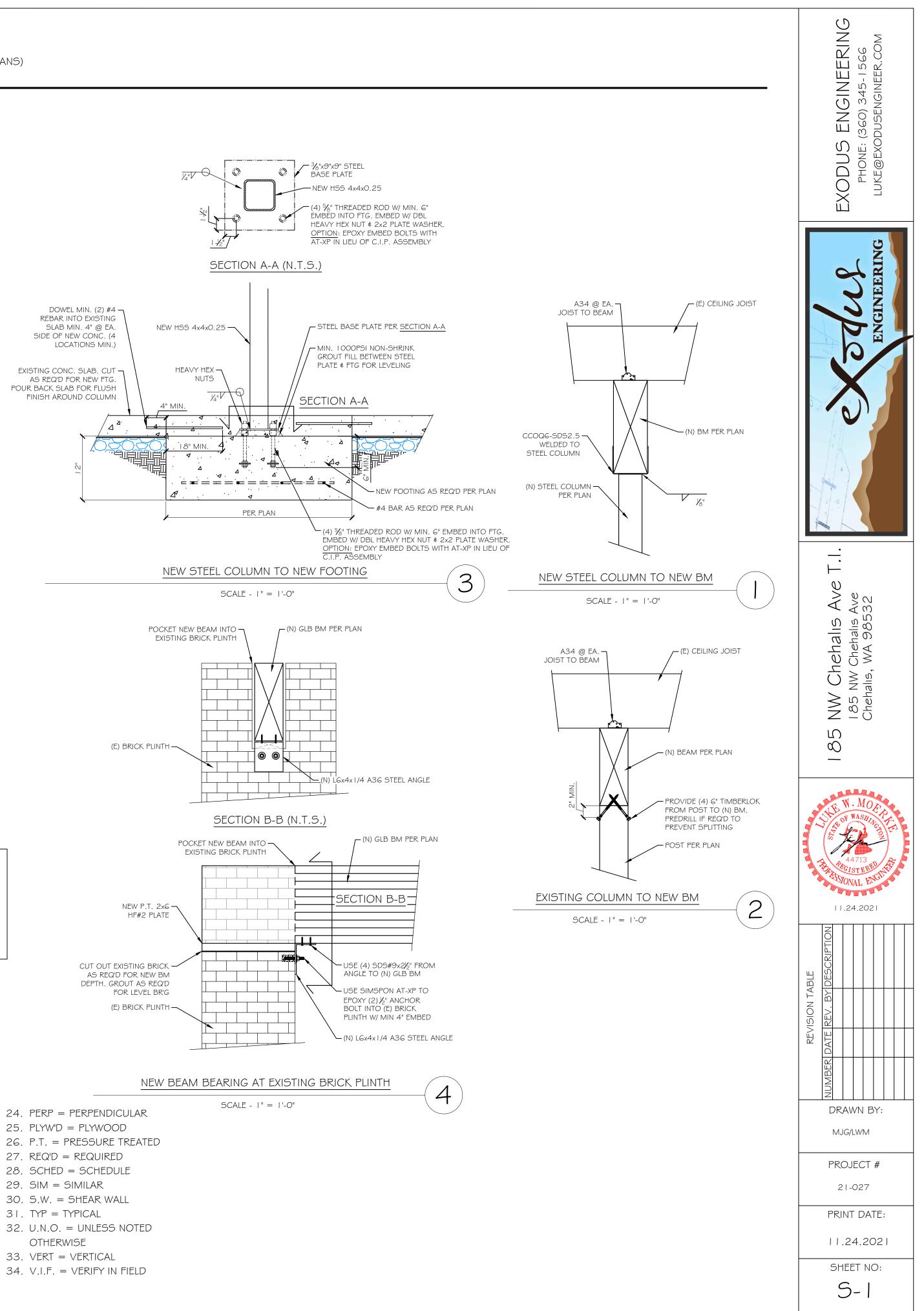
S-1 : GENERAL NOTES

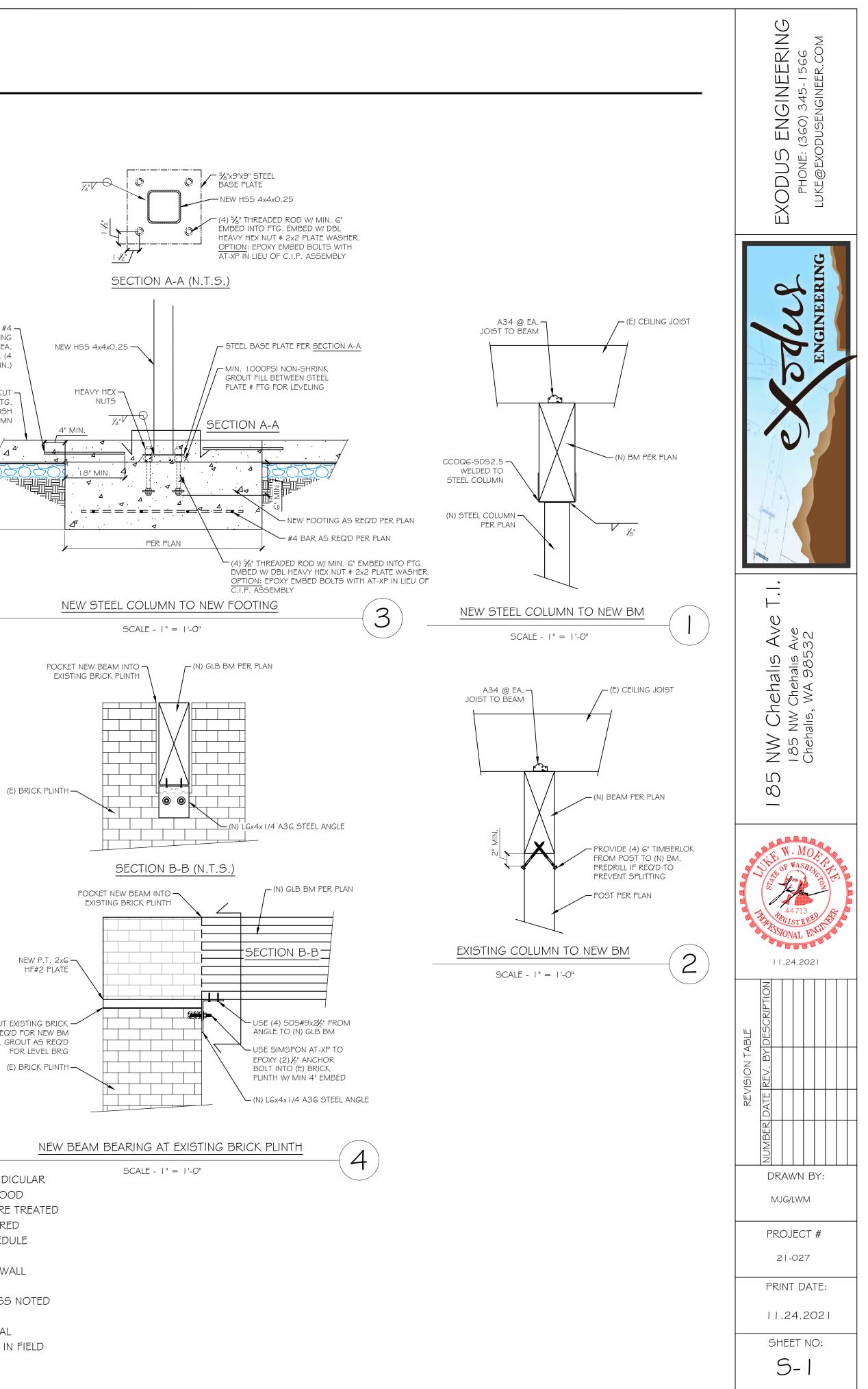
S-2 : FOUNDATION PLAN

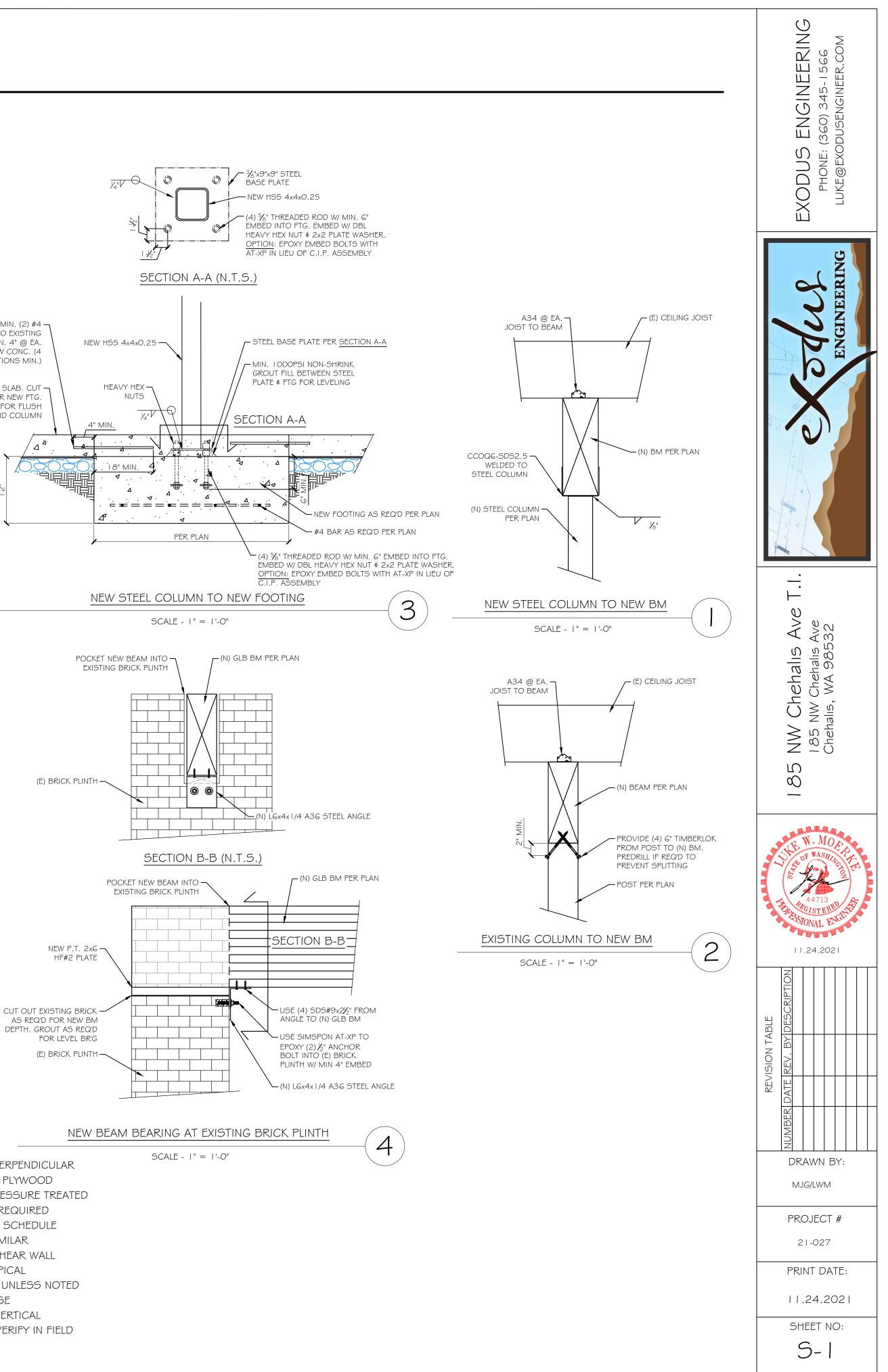
NOTATIONS AND ABBREVIATIONS

- I. A.B. = ANCHOR BOLT
- 2. ABV = ABOVE
- 3. BLK'G = BLOCKING
- 4. BTM = BOTTOM
- 5. CANT = CANTILEVER
- 6. CONT = CONTINUOUS
- 7. DBL = DOUBLE
- 8. DIA = DIAMETER
- 9. EA = EACH
- IO. EMBED = EMBEDMENT
- || (E) = EXISTING
- 12. FDN = FOUNDATION

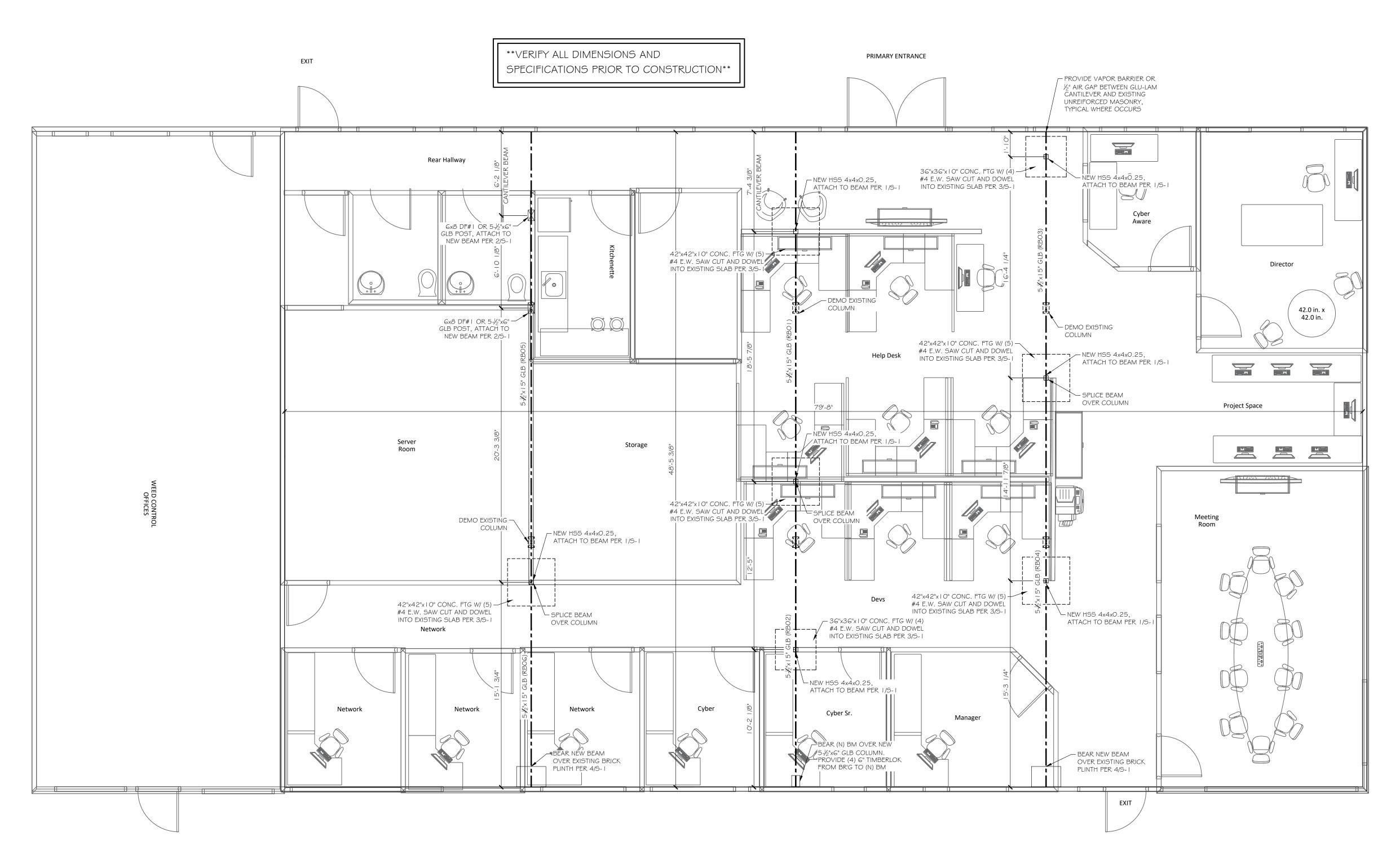
- DETAIL CUT SECTION / REFERENCE
- (SFOI) BEAM REFERENCE
- 13. FTG = FOOTING
- 14. GALV = GALVANIZED
- 15. HDR = HEADER
- IG. H.D. = HOLDOWN
- 17. HORIZ = HORIZONTAL
- 18. MFR = MANUFACTURED/
- MANUFACTURER
- 19. MAX = MAXIMUM
- 20. MIN = MINIMUM
- 21. O.C. = ON CENTER
- 22. OPT = OPTIONAL
- 23. PAR = PARALLEL







- 34. V.I.F. = VERIFY IN FIELD
- 27. REQ'D = REQUIRED28. SCHED = SCHEDULE
- 29. SIM = SIMILAR
- 3I. TYP = TYPICAL



FOUNDATION PLAN

 $\underline{\mathsf{SCALE}}: V_4" = | "-0"$

