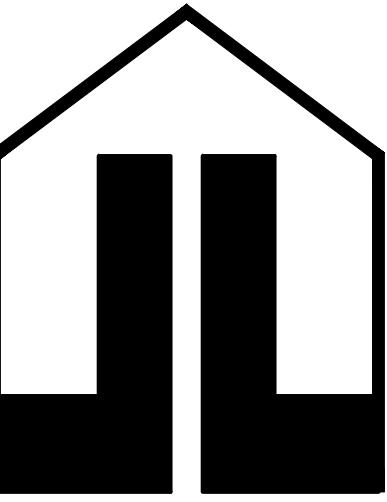
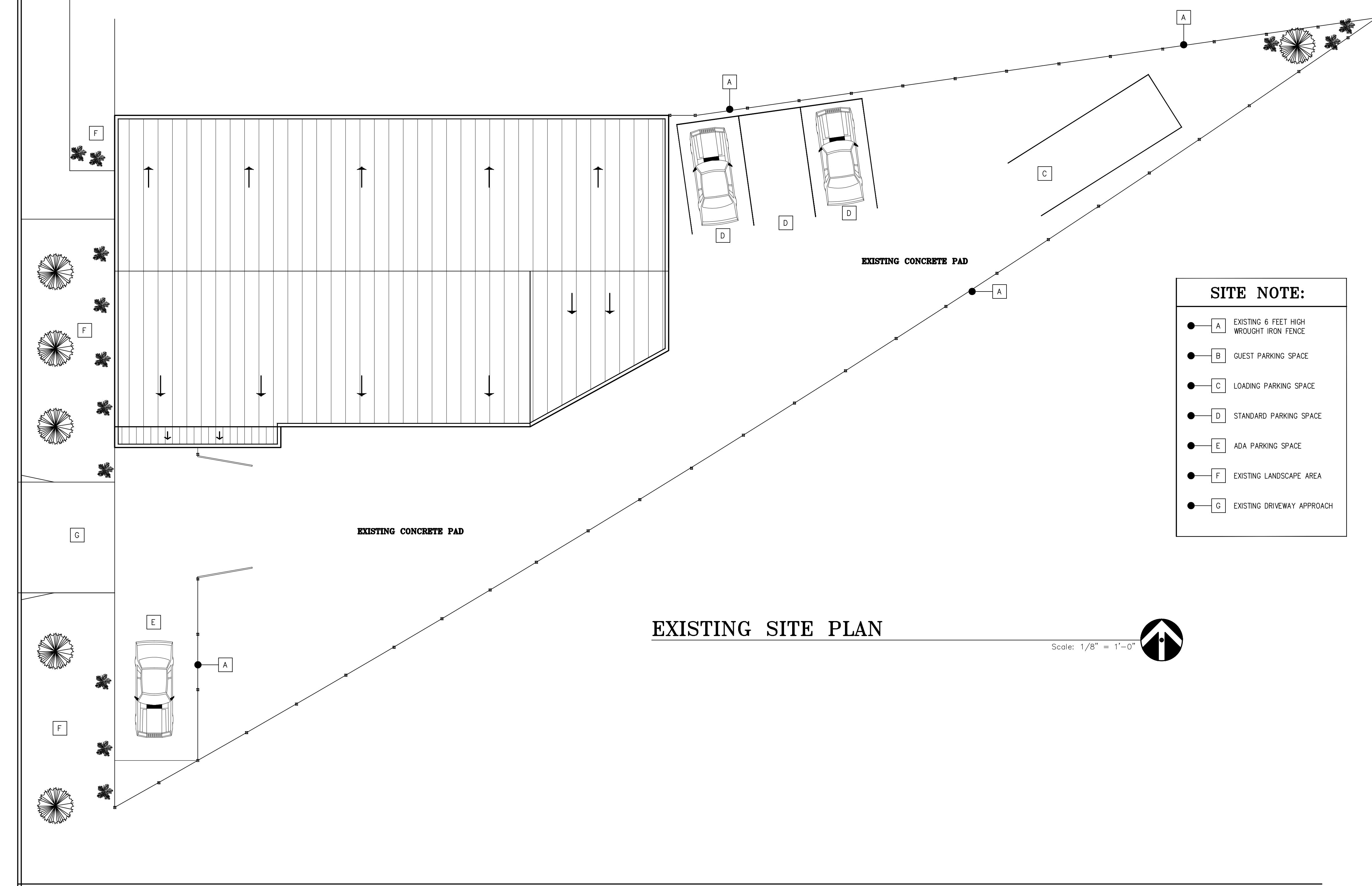


WAREHOUSE

2710 DURAHART STREET. RIVERSIDE, CA 92507



2710 DURAHART STREET



WAREHOUSE

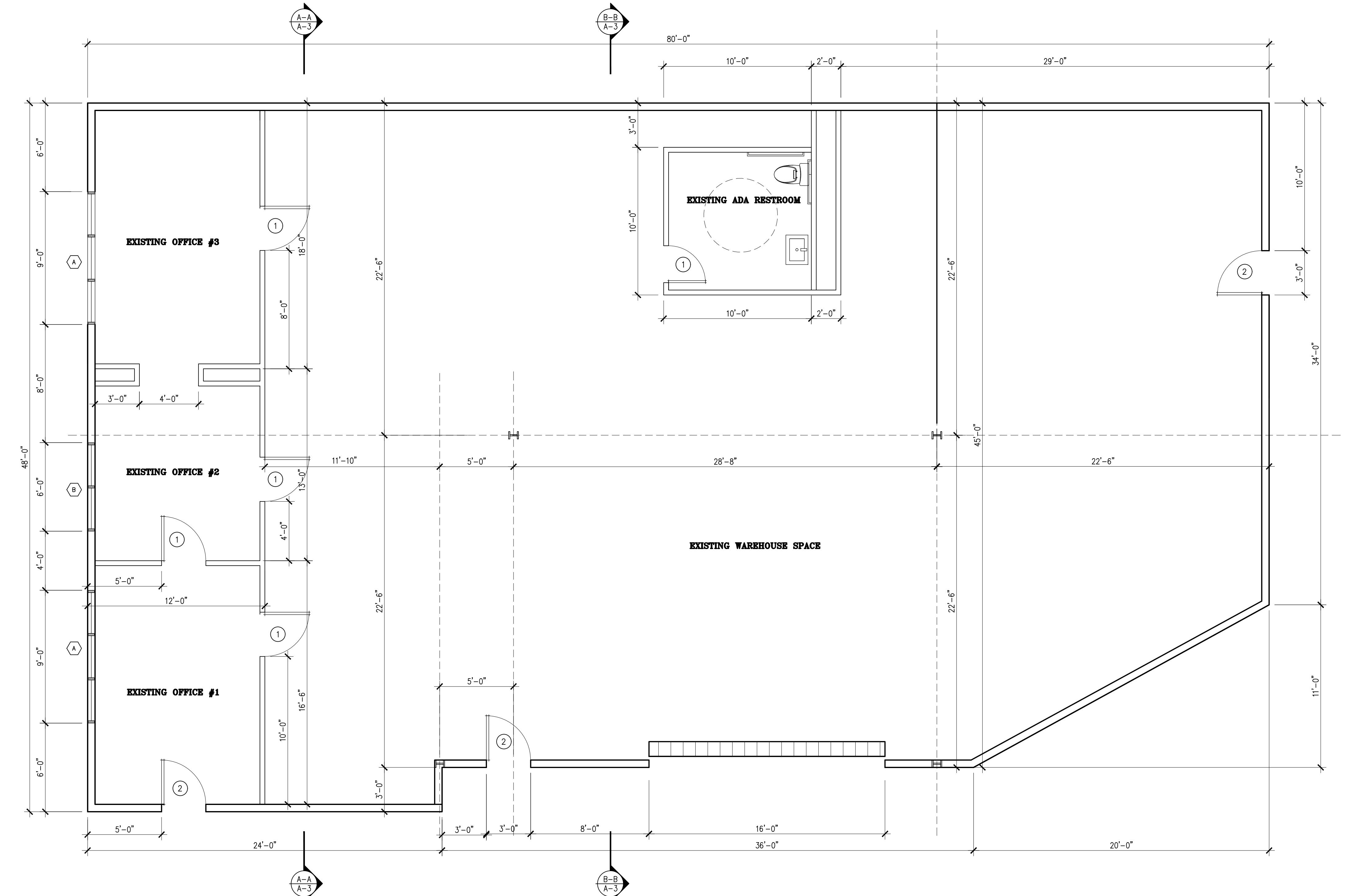
2710 DURAHART STREET
RIVERSIDE, CA 92507

APN# 2101-5000-23

Sheet Title
EXISTING SITE PLAN

No. Revisions Date
1st Submittal 06/16/25
Second Submittal 07/2/25
Date Started 01/06/25
Drawn Sean Leung
Checked James Leung
Date Print
Date Submitted
Project No. ACE-101-25
Sheet No.

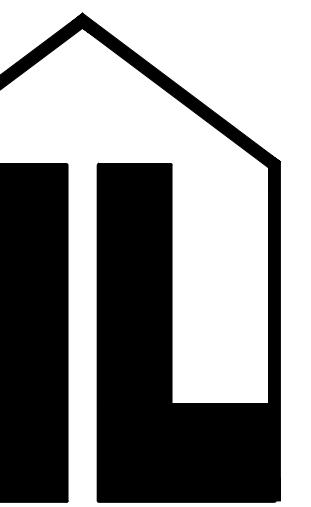
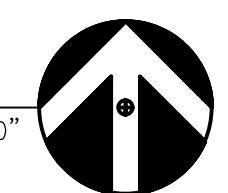
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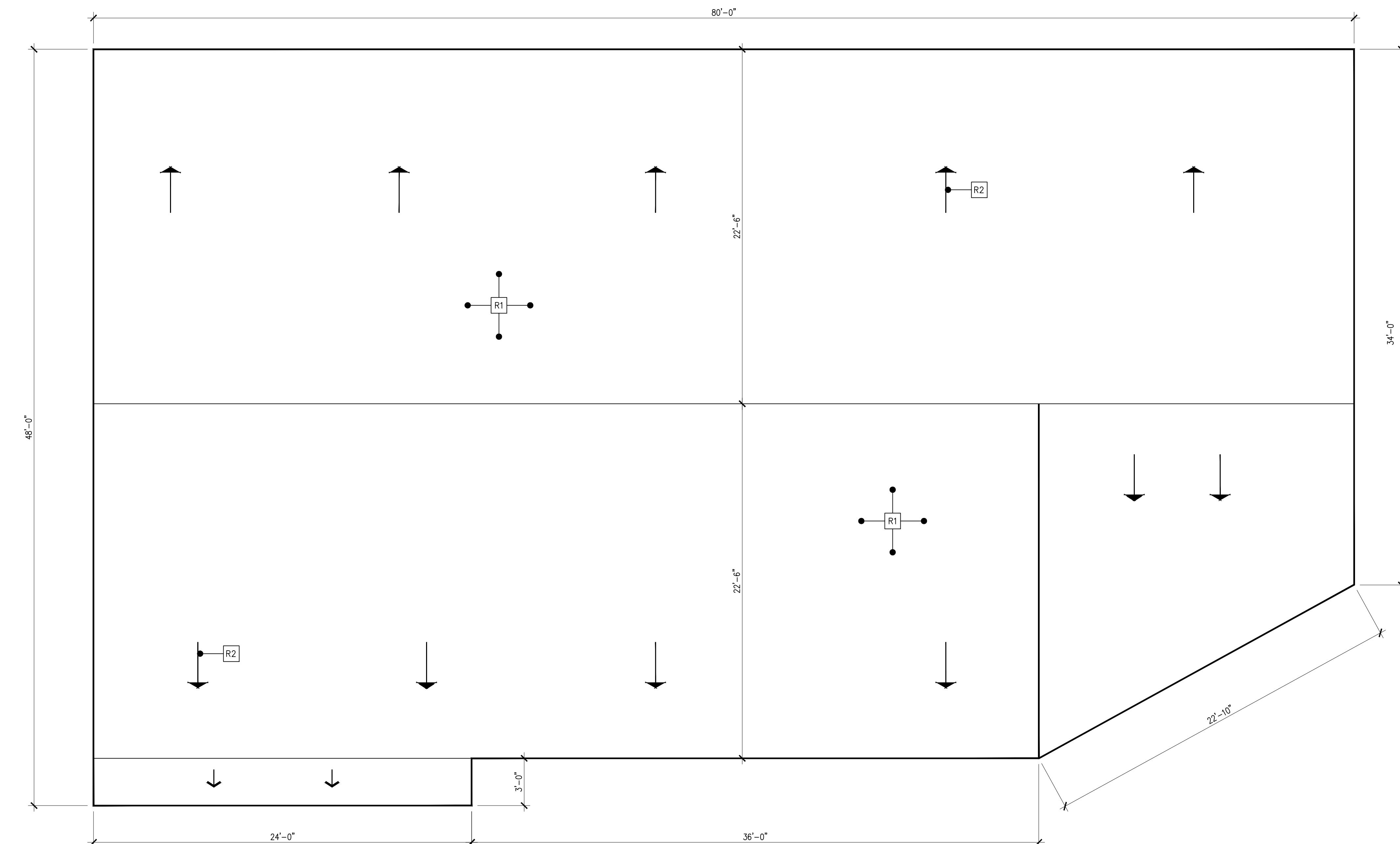
| DOOR SCHEDULE | WINDOW SCHEDULE |
|-------------------------------------------------------------------|-------------------------------------------|
| (1) 3'-0" x 6'-8" SOLID WOOD DOOR & FRAME (LATCH/LOCK) - INTERIOR | (A) 9'-0" x 5'-0" STOREFRONT GLASS WINDOW |
| (2) 3'-0" x 6'-8" METAL DOOR & FRAME (LATCH/LOCK) - EXTERIOR | (B) 6'-0" x 5'-0" STOREFRONT GLASS WINDOW |
| (3) 16'-0" x 10'-0" METAL ROLL UP DOOR | |

EXISTING FLOOR PLAN

Scale: 1/4" = 1'-0"



WAREHOUSE
2710 DURAHART STREET
RIVERSIDE, CA 92507

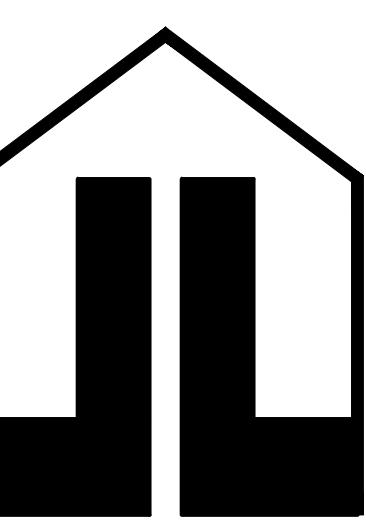
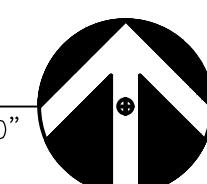


ROOF NOTE:

- R1 METAL ROOF SHEETING
- R2 SLOPE MIN. 2 TO 12 RATIO

EXISTING ROOF PLAN

Scale: 1/4" = 1'-0"



WAREHOUSE
2710 DURAHART STREET
RIVERSIDE, CA 92507

APN# 2101-5000-23

Sheet Title

EXISTING ROOF PLAN

No. Revisions Date

1st Submittal 06/16/25

Second Submittal 07/2/25

3rd

4th

Date Started 01/06/25

Drawn Sean Leung

Checked James Leung

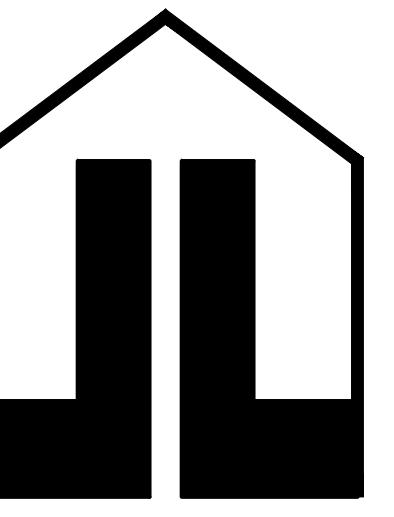
Date Print

Date Submitted

Project No. ACE-101-25

Sheet No.

A-2



WAREHOUSE
2710 DURAHART STREET
RIVERSIDE, CA 92507

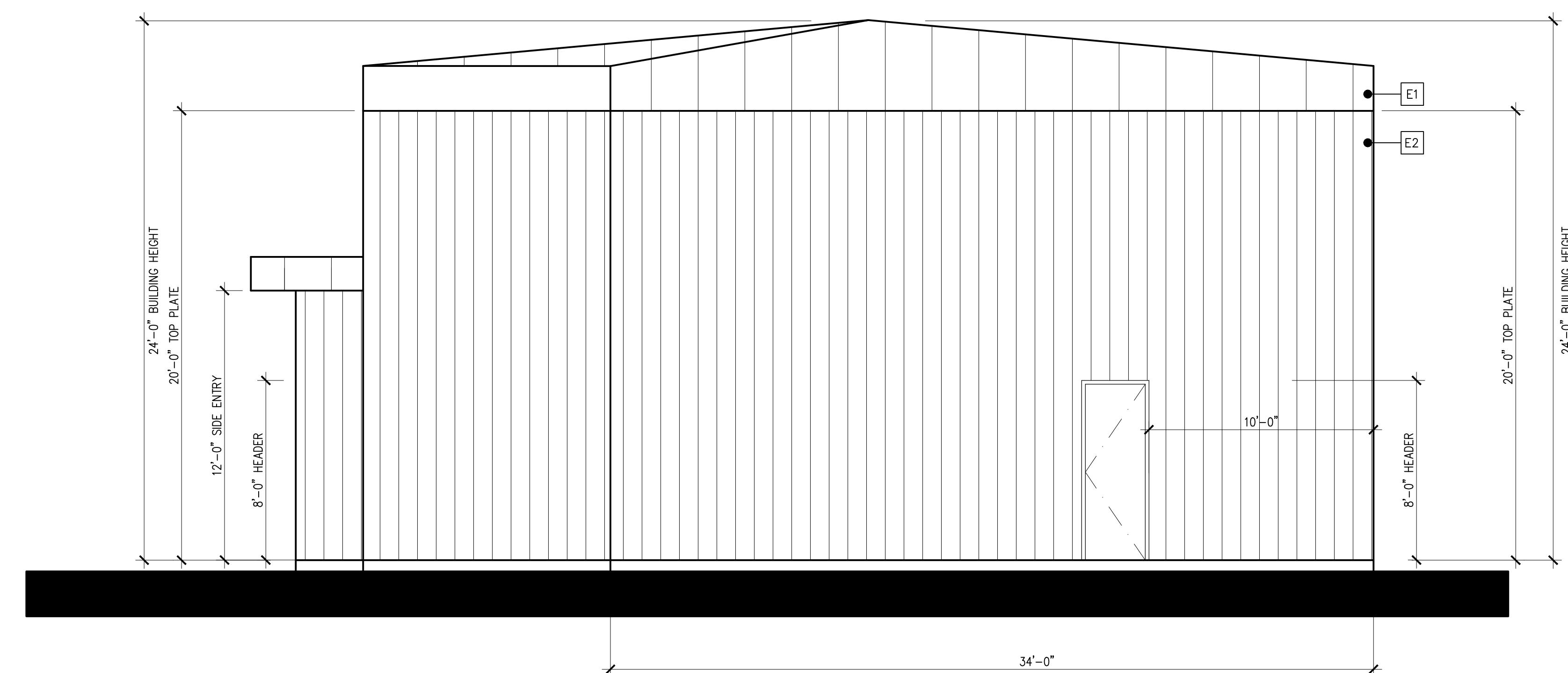
APN# 2101-5000-23

Sheet Title
EAST/WEST
ELEVATIONS

| No. Revisions | Date |
|------------------|-------------|
| 1st Submittal | 06/16/25 |
| Second Submittal | 07/2/25 |
| 3rd | |
| 4th | |
| Date Started | 01/06/25 |
| Drawn | Sean Leung |
| Checked | James Leung |
| Date Print | |
| Date Submitted | |
| Project No. | ACE-101-25 |
| Sheet No. | |

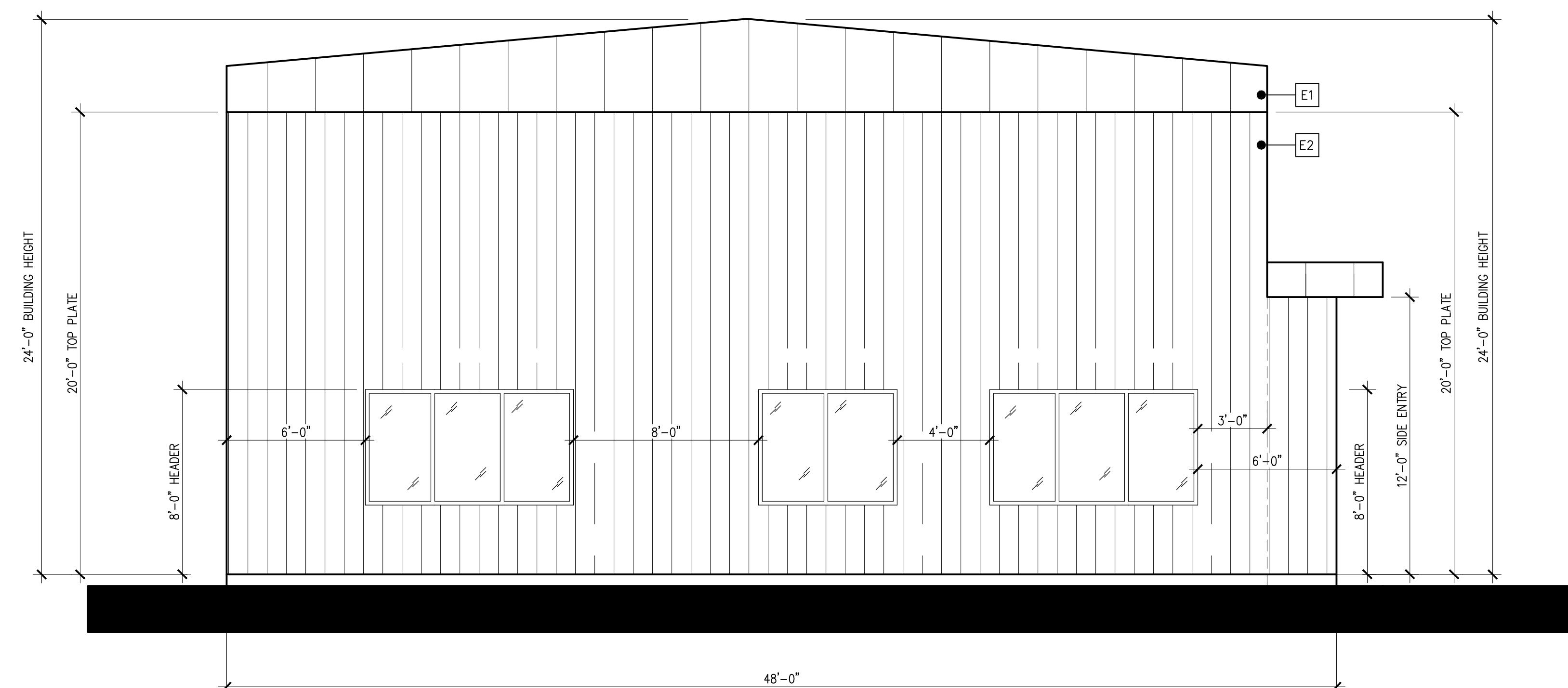
A-3

| ELEVATION NOTE: | |
|-----------------|-------------------------------|
| ● | E1 METAL SIDING (DARK GRAY) |
| ● | E2 METAL SIDING (LIGHT GRAY) |



EAST ELEVATION

Scale: 1/4" = 1'-0"

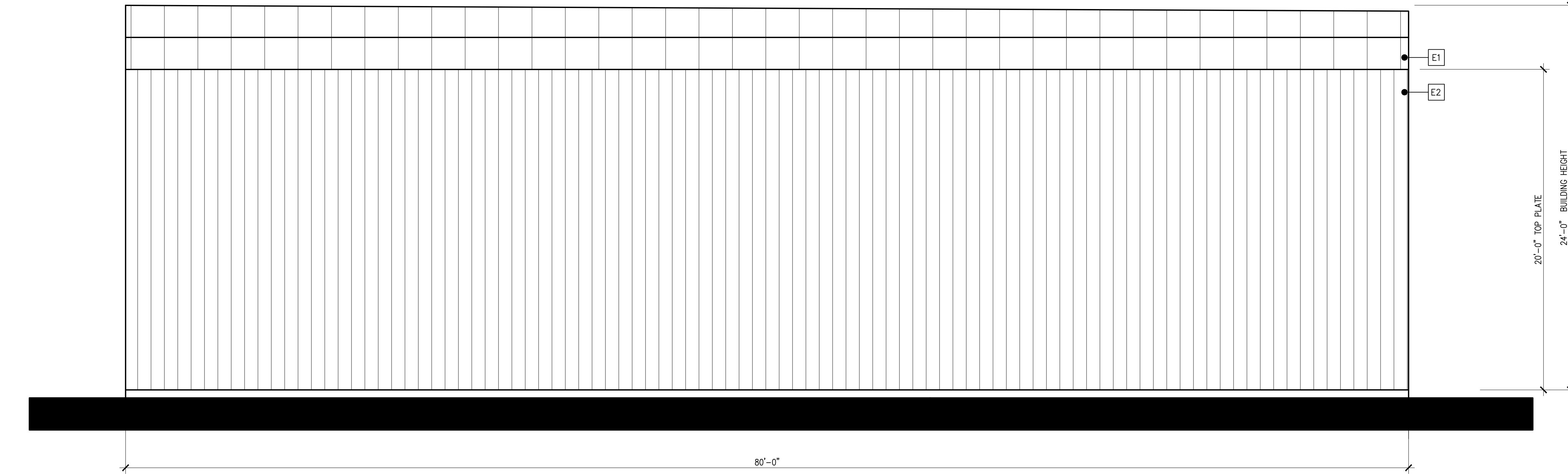
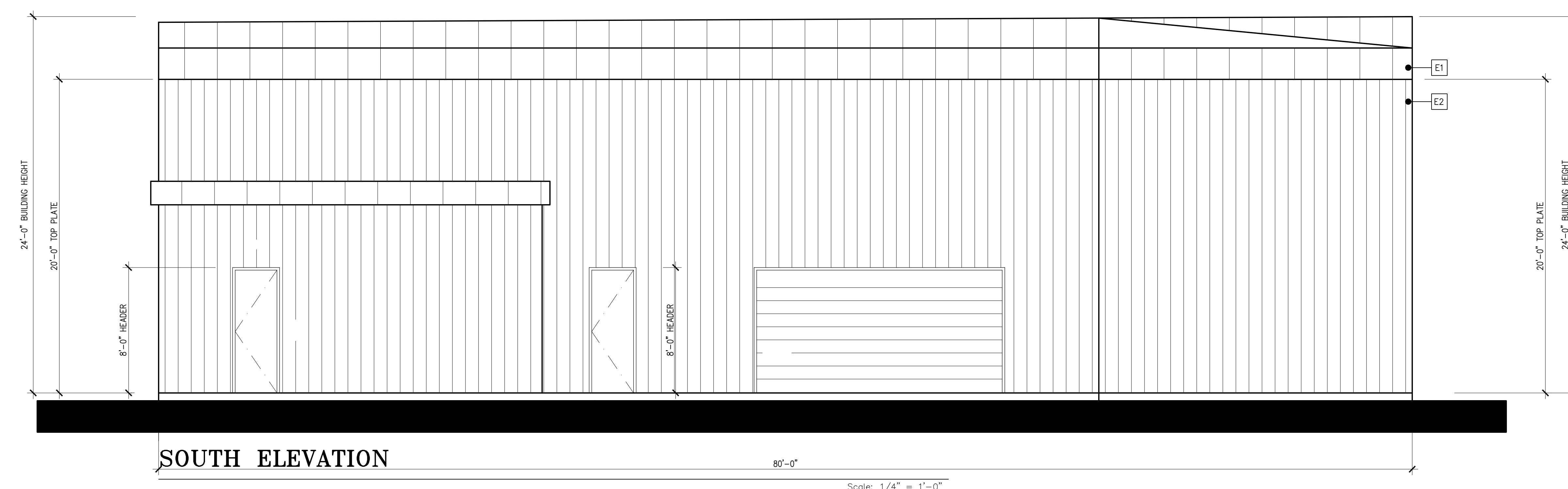


WEST ELEVATION

Scale: 1/4" = 1'-0"

ELEVATION NOTE:

- E1 METAL SIDING (DARK GRAY)
- E2 METAL SIDING (LIGHT GRAY)



WAREHOUSE
2710 DURAHART STREET
RIVERSIDE, CA 92507

APN# 2101-5000-23

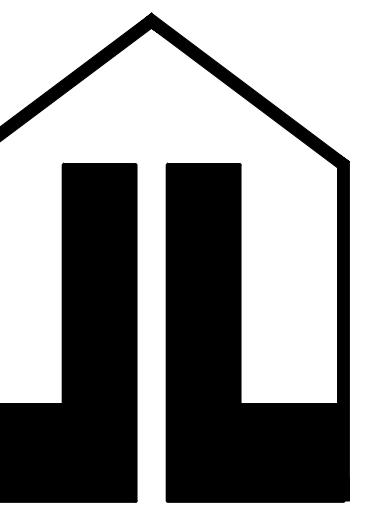
Sheet Title
NORTH/SOUTH
ELEVATIONS

No. Revisions Date

1st Submittal 06/16/25
Second Submittal 07/2/25
A
A

Date Started 01/06/25
Drawn Sean Leung
Checked James Leung
Date Print
Date Submitted
Project No. ACE-101-25
Sheet No.

A-4



WAREHOUSE
2710 DURAHART STREET
RIVERSIDE, CA 92507

APN# 2101-5000-23

Sheet Title

SECTIONS

No. Revisions Date

1st Submittal 06/16/25

Second Submittal 07/2/25

3rd Submittal

4th Submittal

Date Started 01/06/25

Drawn Sean Leung

Checked James Leung

Date Print

Date Submitted

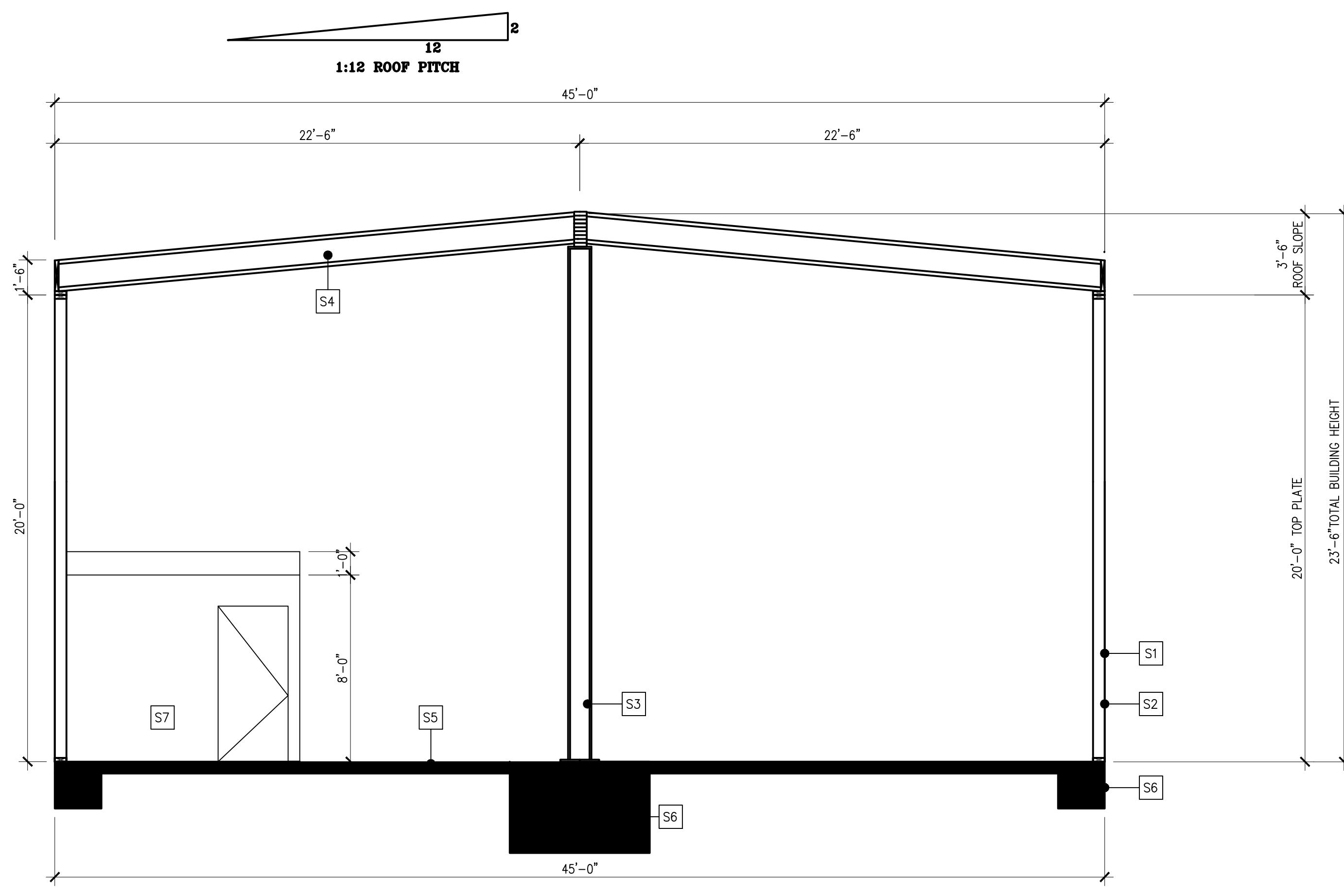
Project No. ACE-101-25

Sheet No.

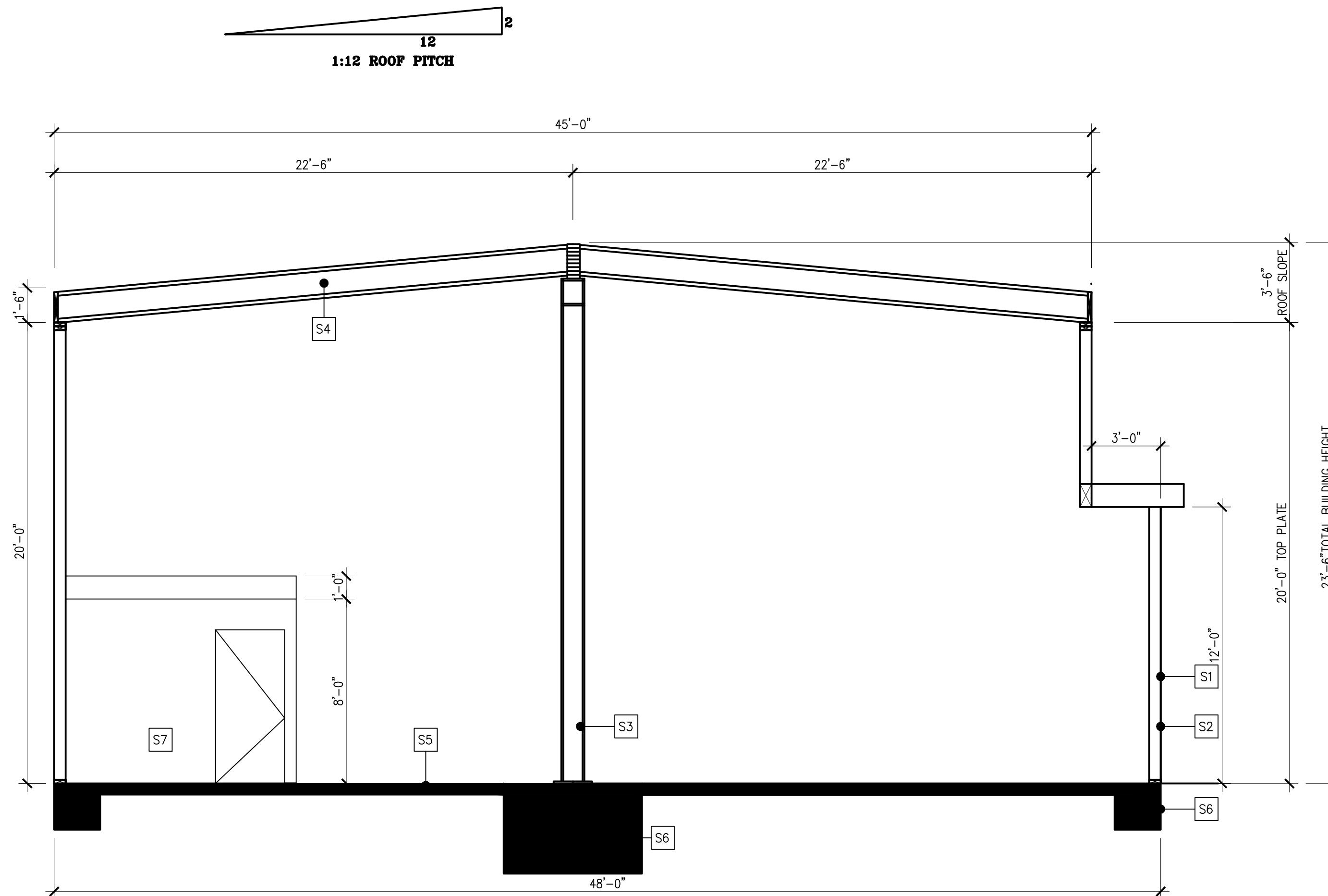
A-5

SECTION NOTE:

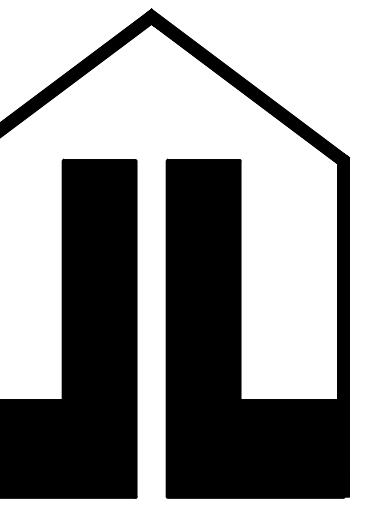
- S1 2X6 FRAMING- SEE STRUCTURE
- S2 SHEAR WALL - SEE STRUCTURE
- S3 STEEL COLUMN- SEE STRUCTURE
- S4 ROOF FRAMING- SEE STRUCTURE
- S5 EXISTING CONCRETE SLAB
- S6 CONCRETE FOOTING- SEE STRUCTURE
- S7 EXISTING RESTROOM
- S8 OPEN



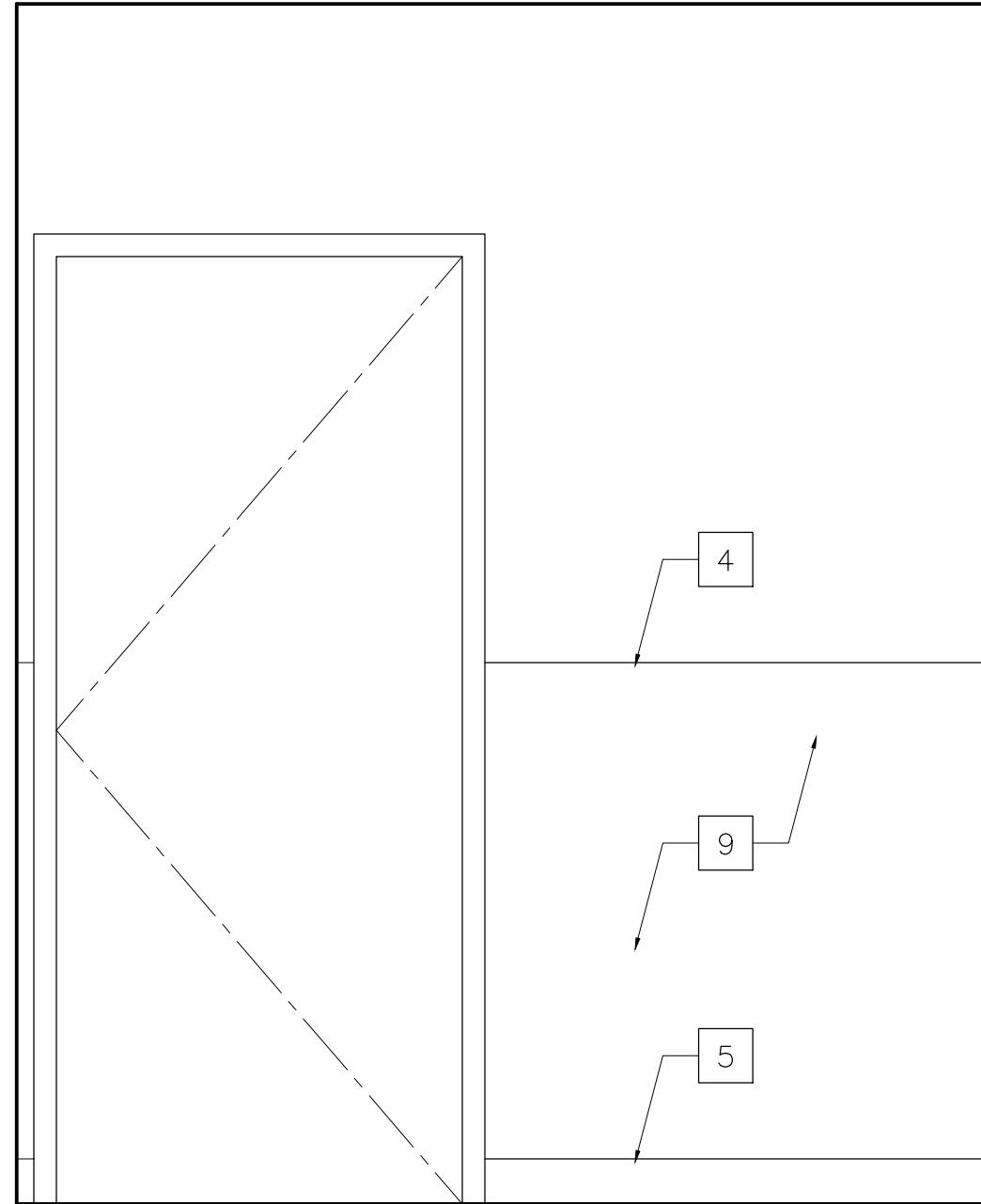
Scale: 1/4" = 1'-0"



Scale: 1/4" = 1'-0"

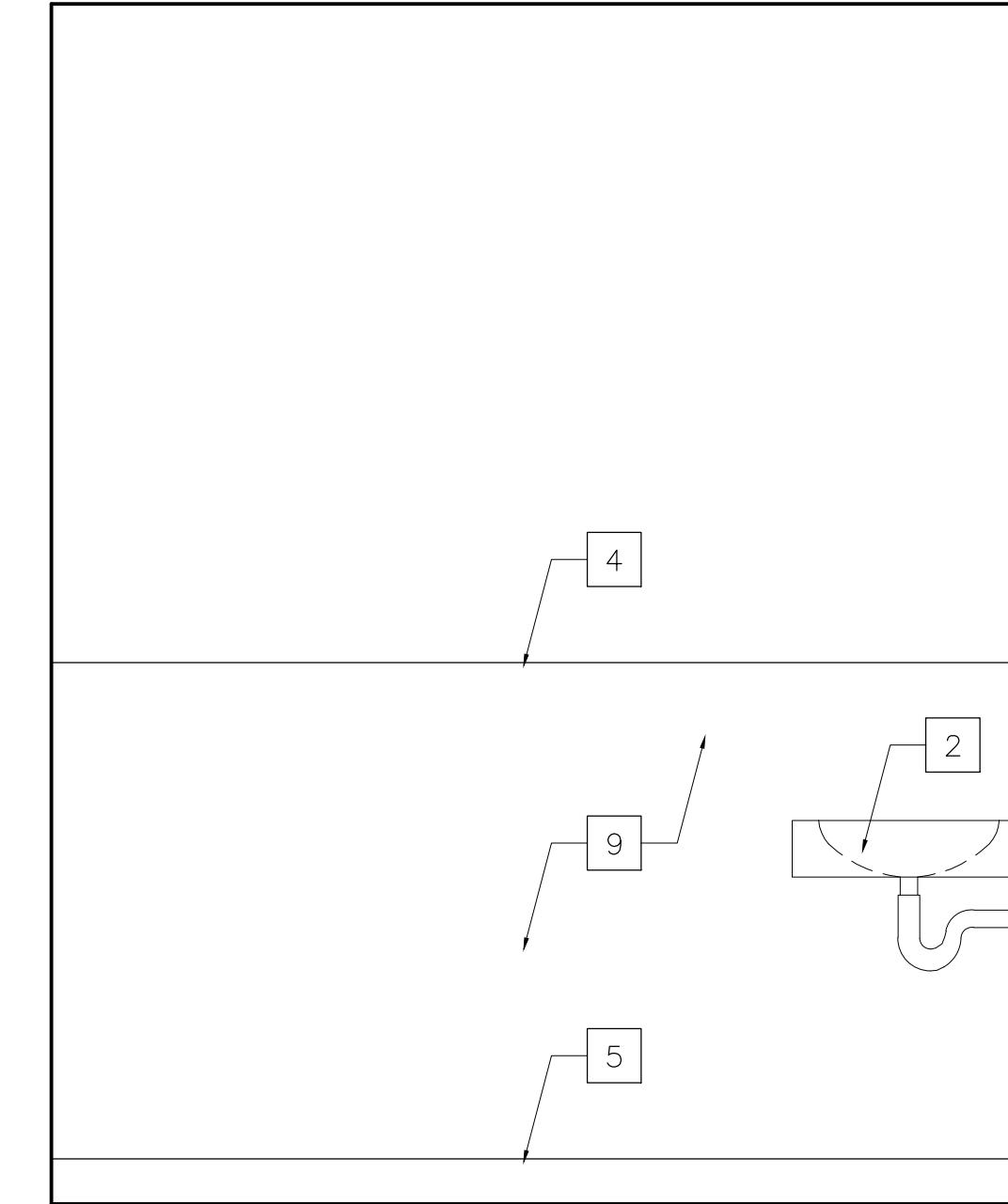


A-FRUUIT TEA & BANH MI
3604 MING AVENUE
BAKERSFIELD, CA 93309



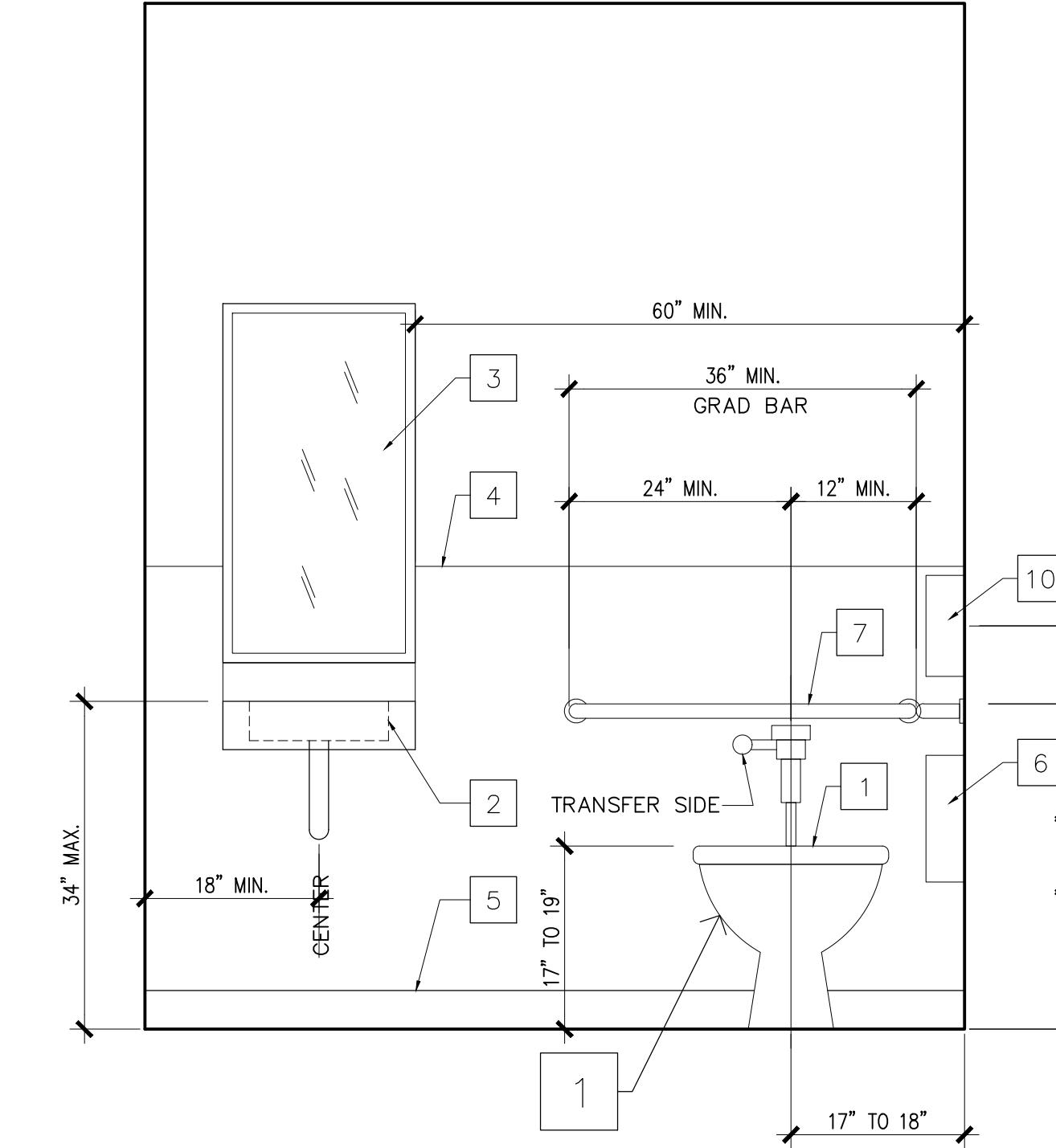
ADA RESTROOM ELEVATION-4

1-1/2"=1'-0"



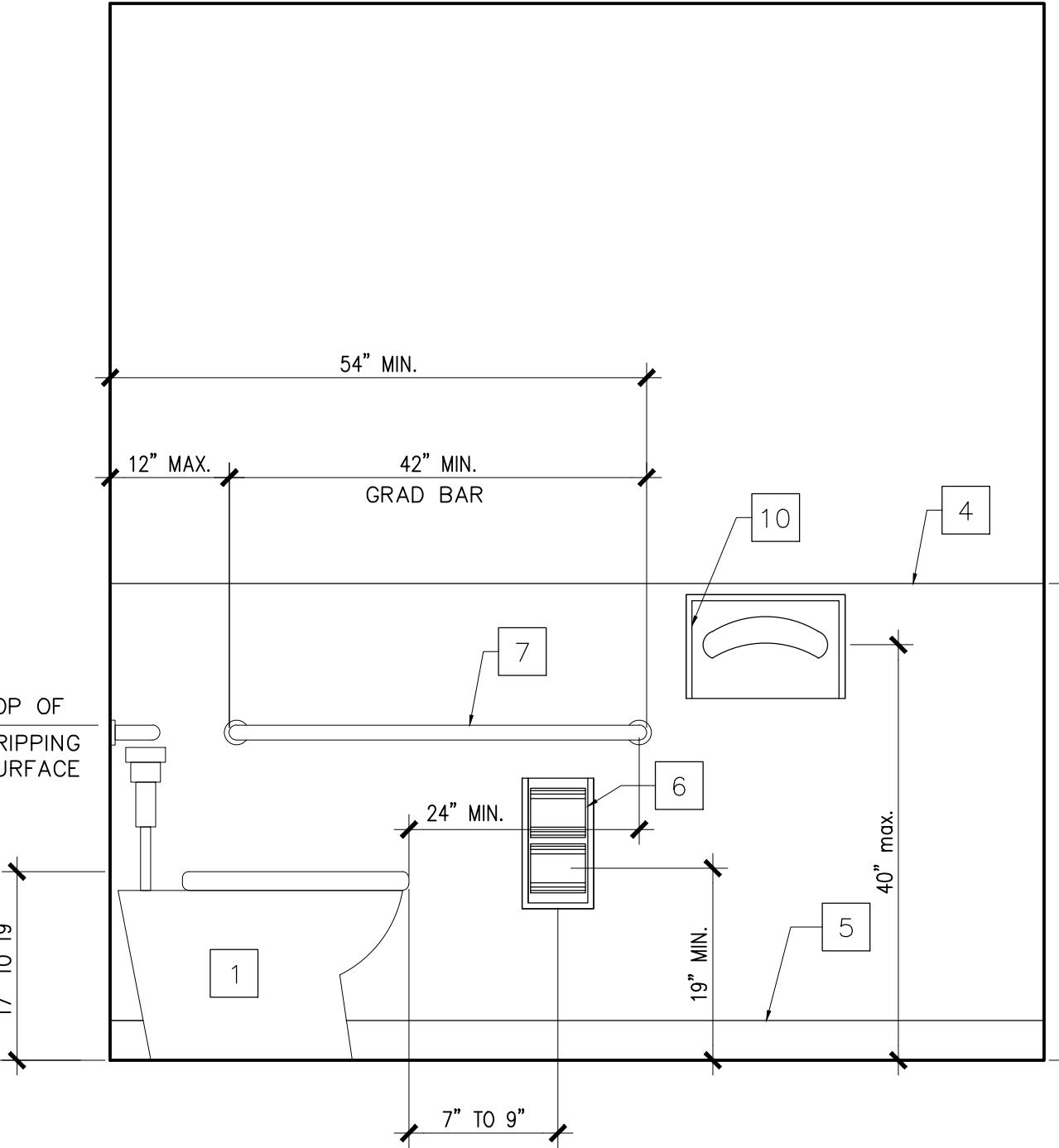
ADA RESTROOM ELEVATION-3

1-1/2"=1'-0"



ADA RESTROOM ELEVATION-2

1-1/2"=1'-0"

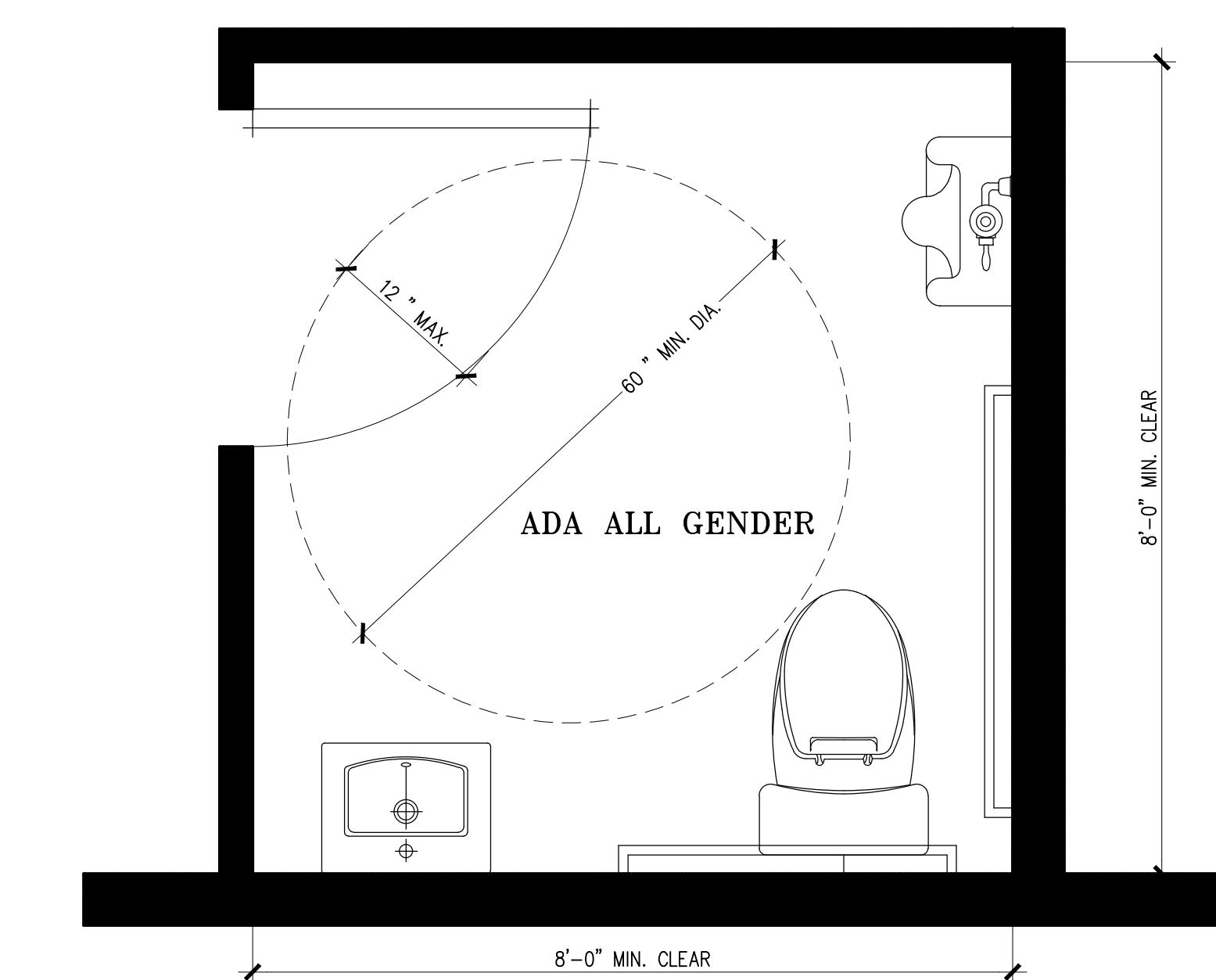


ADA RESTROOM ELEVATION-1

1-1/2"=1'-0"

KEY NOTE

- 1 HANDICAP ACCESSIBLE WATER CLOSET
- 2 HANDICAP ACCESSIBLE WALL MOUNTED SINK
- 3 SURFACE MOUNTED FRAME MIRROR
- 4 48" HIGH WAINSCOT
- 5 CERAMIC TILES COVE BASE
- 6 TOILET TISSUE DISPENSER
- 7 GRAD BAR
- 8 ADA SIGNAGE
- 9 CERAMIC WALL TILES
- 10 SEAT COVER DISPENSER



ADA RESTROOM TYPICAL PLAN

1-1/2"=1'-0"

| Sheet Title | | |
|-------------|------------------------|----------|
| ADA DETAILS | | |
| No. | Revisions | Date |
| 1 | 1st Submittal | 12/12/24 |
| 2 | 1st Submittal Revision | 4/16/25 |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |

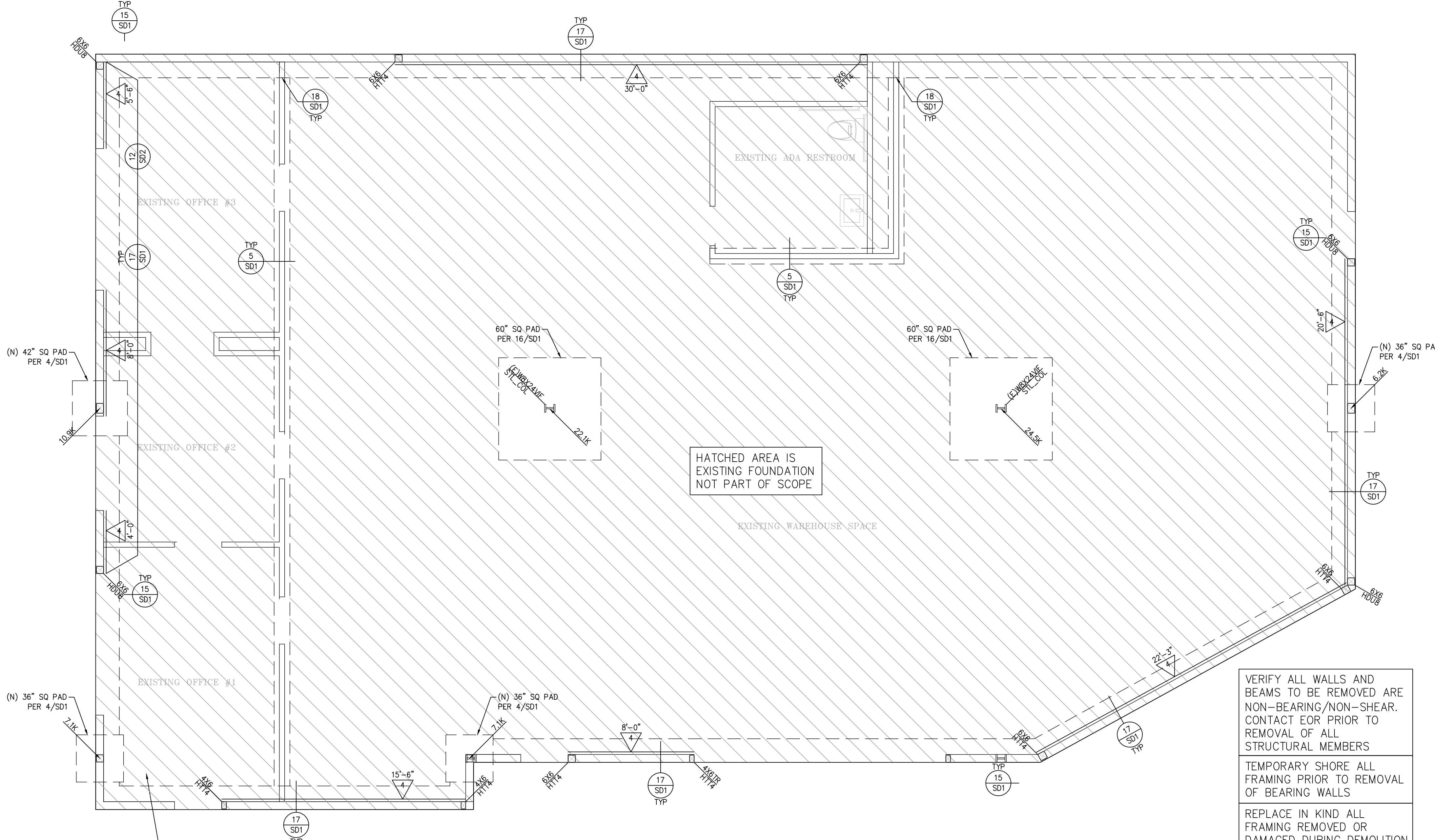


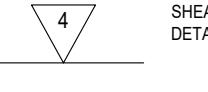
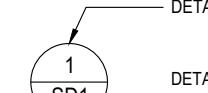
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| Q: FASTENING SCHEDULE (PER SECTION 2304.10.2, TABLE 2304.10.2) | | | | | K: WOOD CONNECTORS | | | | | D: CONCRETE | | | | | A: GENERAL | | | | | DESIGN CRITERIA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>CONNECTION</td><td>FASTENING^A</td><td>LOCATION</td></tr> <tr><td>1. JOIST TO SILL OR GIRDER</td><td>3-8d COMMON (3/8" X 0.131") 3-3" X 0.131" NAILS</td><td>TOE NAIL</td></tr> <tr><td>2. BRIDGING TO JOIST</td><td>2-8d COMMON (3/8" X 0.131") 3-3" X 0.131" NAILS</td><td>TOE NAIL EACH END</td></tr> <tr><td>3. 1" X 6" SUBFLOOR OR LESS TO EACH JOIST</td><td>2-8d COMMON (3/8" X 0.131")</td><td>FACE NAIL</td></tr> <tr><td>4. WIDER THAN 1" X 6" SUBFLOOR OR TO EACH JOIST</td><td>2-8d COMMON (3/8" X 0.131")</td><td>FACE NAIL</td></tr> <tr><td>5. 2" SUBFLOOR TO JOIST OR GIRDER</td><td>2-16d COMMON (3/8" X 0.162")</td><td>BLIND AND FACE NAIL</td></tr> <tr><td>6. SOLE PLATE TO JOIST OR BLOCKING</td><td>16d (3/8" X 0.131") AT 16" O.C. 3" X 0.131" NAILS AT 8" O.C.</td><td>TYPICAL FACE NAIL</td></tr> <tr><td>SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL</td><td>16d (3/8" X 0.131") AT 16" O.C. 3" X 0.131" NAILS AT 16"</td><td>BRACED WALL PANELS</td></tr> <tr><td>7. TOP PLATE TO STUD</td><td>2-8d (3/8" X 0.131" X 0.162")</td><td>END NAILS</td></tr> <tr><td>8. STUDS TO SOLE PLATE</td><td>4-8d COMMON (3/8" X 0.131") 4-3" X 0.131" NAILS</td><td>TOE NAIL</td></tr> <tr><td>9. STUDS TO TOP PLATE</td><td>2-16d COMMON (3/8" X 0.162") 3" X 0.131" NAILS</td><td>END NAILS</td></tr> <tr><td>10. DOUBLE STUDS</td><td>16d (3/8" X 0.131") AT 24" O.C. 3" X 0.131" NAILS AT 8" O.C.</td><td>FACE NAILS</td></tr> <tr><td>11. DOUBLE TOP PLATES</td><td>16d (3/8" X 0.131") AT 16" O.C. 3" X 0.131" NAIL AT 12" O.C.</td><td>TYPICAL FACE NAIL</td></tr> <tr><td>DOUBLE TOP PLATES</td><td>8-16d COMMON (3/8" X 0.162") 3-3" X 0.131" NAILS</td><td>LAP SPLICE</td></tr> <tr><td>12. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE</td><td>2-8d (3/8" X 0.131" X 0.162")</td><td>TOE NAIL</td></tr> <tr><td>13. RIM JOIST TO TOP PLATE</td><td>8d (3/8" X 0.131") AT 6" O.C. 3" X 0.131" NAIL AT 6" O.C.</td><td>TOE NAIL</td></tr> <tr><td>14. TOP PLATES, LAPS AND INTERSECTIONS</td><td>2-16d COMMON (3/8" X 0.162")</td><td>FACE NAIL</td></tr> <tr><td>15. CONTINUOUS HEADER, TWO PIECES</td><td>16d COMMON (3/8" X 0.162")</td><td>16" O.C. ALONG EDGE</td></tr> <tr><td>16. CEILING JOISTS TO PLATE</td><td>4-8d COMMON (3/8" X 0.131") 3" X 0.131" NAILS</td><td>TOE NAIL</td></tr> <tr><td>17. CONTINUOUS HEADER TO STUD</td><td>4-8d COMMON (3/8" X 0.131")</td><td>TOE NAIL</td></tr> <tr><td>18. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)</td><td>3-16d COMMON (3/8" X 0.162") MINIMUM, TABLE 2308.10.4.1</td><td>FACE NAIL</td></tr> <tr><td>19. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)</td><td>3-16d COMMON (3/8" X 0.162") MINIMUM, TABLE 2308.10.4.1</td><td>FACE NAIL</td></tr> <tr><td>20. Rafter to Plate (See Section 2308.10.1, Table 2308.10.1)</td><td>3-16d COMMON (3/8" X 0.131")</td><td>TOE NAIL</td></tr> <tr><td>21. 1" X 8" SHEATHING TO EACH BEARING</td><td>3-8d COMMON (3/8" X 0.131")</td><td>FACE NAIL</td></tr> <tr><td>22. WIDER THAN 1" X 8" SHEATHING TO EACH BEARING</td><td>3-8d COMMON (3/8" X 0.131")</td><td>FACE NAIL</td></tr> <tr><td>23. BUILT-UP CORNER STUDS</td><td>16d COMMON (3/8" X 0.162")</td><td>24" O.C. 16" O.C.</td></tr> <tr><td>24. BUILT-UP GIRDERS AND BEAMS</td><td>20d COMMON (4" X 0.192") 3" X 0.131" NAIL AT 24" O.C.</td><td>FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES</td></tr> <tr><td>25. 2" PLANKS</td><td>16d COMMON (3/8" X 0.162")</td><td>AT EACH BEARING</td></tr> <tr><td>26. COLLAR TIE TO RAFTER</td><td>3-10d COMMON (3/8" X 0.148")</td><td>FACE NAIL</td></tr> <tr><td>27. JACK RAFTER TO HIP</td><td>4-10d COMMON (3/8" X 0.148") 3-3" X 0.131" NAILS</td><td>TOE NAIL</td></tr> <tr><td>28. ROOF RAFTER TO 2-BY RIDGE BEAM</td><td>2-16d COMMON (3/8" X 0.162")</td><td>TOE NAIL</td></tr> <tr><td>29. JOIST TO BAND JOIST</td><td>3-16d COMMON (3/8" X 0.162")</td><td>FACE NAIL</td></tr> <tr><td>30. LEDGER STRIP</td><td>3-16d COMMON (3/8" X 0.162") 3-3" X 0.131" NAILS</td><td>FACE NAIL</td></tr> <tr><td>32. PANEL SIDING (TO FRAMING)</td><td>2" OR LESS 8d 8d^E</td><td>CONCRETE WITH FC OVER 2600 PSI CAST-IN-PLACE DRILLED PILES OR CAISONS FIELD WELDING EPOXY WELDING OF REINFORCING STEEL HIGH STRENGTH BOLTING SHOTCRETE REINFORCEMENT AND TENSION PLACEMENT IN CONCRETE WITH FC OVER 2500 PSI TENSION STRESSING AND GROUTING TITER HD SCREW ANCHORS FASTENERS OF THE SEISMIC FORCE-RESISTING SYSTEM WHERE ITS SPACING IS 4" O.C.</td></tr> <tr><td>33. FIBERBOARD SHEATHING</td><td>2"</td><td>NO. 11 GAGE ROOFING NAIL H 60 COMMON NAIL (2" X 0.147") %8" X 0.131" NAILS</td></tr> <tr><td>34. INTERIOR PANELING</td><td>2"</td><td>NO. 11 GAGE ROOFING NAIL H 6d^E</td></tr> <tr><td>FOR SI: 1 INCH = 25.4MM</td><td></td><td></td></tr> <tr><td>A. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED</td><td></td><td></td></tr> <tr><td>B. NAILS SPACED 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT SUPPORTS WHERE SPANS ARE 4 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND SHEATHING TO EXTERIOR SHEATHING WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.</td><td></td><td></td></tr> <tr><td>C. COMMON OR DEFORMED SHANK (6d/2" X 0.113", 8d/2" X 0.131", 10d/3" X 0.148").</td><td></td><td></td></tr> <tr><td>D. COMMON (6d/2" X 0.113", 8d/2" X 0.131", 10d/3" X 0.148").</td><td></td><td></td></tr> <tr><td>E. CORROSION-RESISTANT SANDING (6d/2" X 0.106", 8d/2" X 0.128") OR CASING (6d/2" X 0.099", 8d/2" X 0.113") NAIL</td><td></td><td></td></tr> <tr><td>F. CORROSION-RESISTANT SANDING (6d/2" X 0.106", 8d/2" X 0.128") OR CASING (6d/2" X 0.099", 8d/2" X 0.113") NAIL</td><td></td><td></td></tr> <tr><td>G. FASTENERS SPACED 3 INCHES CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS.</td><td></td><td></td></tr> <tr><td>H. CORROSION-RESISTANT ROOFING NAILS WITH 1/8" INCH DIAMETER HEAD AND 1/2" INCH LENGTH FOR 1/2" INCH SHEATHING AND 1/2" INCH LENGTH FOR 1/2" INCH SHEATHING.</td><td></td><td></td></tr> <tr><td>I. ROOF SHEATHING (1/2" X 0.072") NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.</td><td></td><td></td></tr> <tr><td>J. FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.</td><td></td><td></td></tr> <tr><td>O. FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING</td><td></td><td></td></tr> <tr><td colspan="10">ABBREVIATIONS</td></tr> <tr> <td>ABBREVIATION</td> <td>DESCRIPTION</td> </tr> <tr> <td>AB</td> <td>ANCHOR BOLT</td> <td>FL</td> <td>FLUSH</td> <td>PTDF</td> <td>PRESSURE TREATED</td> <td></td> </tr> <tr> <td>ADDL</td> <td>ADDITIONAL</td> <td>FLR</td> <td>FLOOR</td> <td>PLYWD</td> <td>PLYWOOD</td> <td></td> </tr> <tr> <td>ADJ</td> <td>ADJACENT</td> <td>F.O.</td> <td>FACE OF BEAM</td> <td>PSI</td> <td>POUNDS PER</td> <td></td> </tr> <tr> <td>ADV</td> <td>ADVISORY</td> <td>F.O.W.</td> <td>FACE OF WALL</td> <td>PSI</td> <td>POUNDS PER</td> <td></td> </tr> <tr> <td>ALT</td> <td>ALTERNATE</td> <td>FRG</td> <td>FRAMING</td> <td>SQ INCH</td> <td>SQUARE INCH</td> <td></td> </tr> <tr> <td>ARCH</td> <td>ARCHITECTURAL</td> <td>FTG</td> <td>FOOTING</td> <td>PSF</td> <td>POUNDER</td> <td></td> </tr> <tr> <td>B</td> <td>BOTTLER</td> <td>FT</td> <td>FOOT (FEET)</td> <td>PSF</td> <td>SQUARE FOOT</td> <td></td> </tr> <tr> <td>BLDG</td> <td>BUILDING</td> <td>GA</td> <td>GAGE</td> <td>RAFT</td> <td>RAFTERS</td> <td></td> </tr> <tr> <td>BLOCKING</td> <td>BLOCKING</td> <td>G.C.</td> <td>GALVANIZED</td> <td>RAF</td> <td>RAFTER</td> <td></td> </tr> <tr> <td>BWL</td> <td>BWL</td> <td>GL</td> <td>GENERAL, CONTRACTOR</td> <td>RR</td> <td>ROOF RAFTER</td> <td></td> </tr> <tr> <td>BM</td> <td>BEAM</td> <td>GET</td> <td>GABLE END TRUSS</td> <td>REINF</td> <td>REINFORCEMENT</td> <td></td> </tr> <tr> <td>BN</td> <td>BOUNDARY NAILING</td> <td>GLB</td> <td>GLU LAM BEAM</td> <td>RF</td> <td>ROOF</td> <td></td> </tr> <tr> <td>BOT</td> <td>BOTTOM</td> <td>GT</td> <td>GLU LAM TRUSS</td> <td>REIN</td> <td>REINFORCED</td> <td></td> </tr> <tr> <td>BRG</td> <td>BEARING</td> <td>H OR HT</td> <td>HEIGHT</td> <td>REQT</td> <td>REQUIREMENT</td> <td></td> </tr> <tr> <td>CANT</td> <td>CANTER</td> <td>HB</td> <td>HOIST</td> <td>RT</td> <td>ROOF TRUSSES</td> <td></td> </tr> <tr> <td>CANTER</td> <td>CANTER</td> <td>HD</td> <td>HOLD DOWN STRAP</td> <td>SAD</td> <td>SEE ARCHITECTURAL</td> <td></td> </tr> <tr> <td>CB</td> <td>CEILING BEAM</td> <td>HR</td> <td>OR DEVICE</td> <td>SAD</td> <td>SEE ARCHITECTURAL</td> <td></td> </tr> <tr> <td>CBC</td> <td>CEILING BEAM</td> <td>HRS</td> <td>HEADER</td> <td>SCHED OR SCH</td> <td>SCHEDULE</td> <td></td> </tr> <tr> <td>BULG</td> <td>BULG</td> <td>HSS</td> <td>HOLLOW STRUCTURE</td> <td>SHRT</td> <td>SHRINKING</td> <td></td> </tr> <tr> <td>CL</td> <td>CENTERLINE</td> <td>INT</td> <td>INTERIOR</td> <td>SIMP</td> <td>SIMPLY</td> <td></td> </tr> <tr> <td>CLR</td> <td>CLEAR</td> <td>INV</td> <td>INVERTED</td> <td>SPCS</td> <td>SPECIFICATIONS</td> <td></td> </tr> <tr> <td>CMU</td> <td>CONCRETE MASONRY UNIT</td> <td>JST</td> <td>JIG SAW</td> <td>SO</td> <td>SQUARE</td> <td></td> </tr> <tr> <td>COL</td> <td>CONCRETE COLUMN</td> <td>K</td> <td>KIP 1000 POUNDS</td> <td>STAGG</td> <td>STAGGERED</td> <td></td> </tr> <tr> <td>CON</td> <td>CONNECTION</td> <td>KP</td> <td>KING POST</td> <td>STD</td> <td>STANDARD</td> <td></td> </tr> <tr> <td>CONT</td> <td>CONTINUOUS</td> <td>LSL</td> <td>LIVE LOAD</td> <td>STRUCT</td> <td>STRUCTURAL</td> <td></td> </tr> <tr> <td>D</td> <td>DEEP, DEPTH</td> <td>LSL</td> <td>LAMINATED STRAND</td> <td>SW</td> <td>SHEAR WALL OR</td> <td></td> </tr> <tr> <td>DF</td> <td>DOUGLAS FIR LARCH</td> <td>LVL</td> <td>LAMINATED VENEER</td> <td>SYM</td> <td>SYMMETRICAL</td> <td></td> </tr> <tr> <td>DIA</td> <td>DIA</td> <td>LUMBER</td> <td>TOP</td> <td>TOS</td> <td>TOP OF SLAB</td> <td></td> </tr> <tr> <td>DIM</td> <td>DIMENSION</td> <td>MANUF</td> <td>TOP OF</td> <td>TRG</td> <td>TOP OF STEEL</td> <td></td> </tr> <tr> <td>DJ</td> <td>DECOUPLED JOIST</td> <td>MAX</td> <td>MAXIMUM</td> <td>TRG</td> <td>TOP OF STEEL</td> <td></td> </tr> <tr> <td>DL</td> <td>DEAD LOAD</td> <td>MANUF</td> <td>MANUFACTURED</td> <td>TOP OF</td> <td>TOP OF STEEL</td> <td></td> </tr> <tr> <td>DRG</td> <td>DRAG TRUSS</td> <td>MIN</td> </tr></table> | | | | | CONNECTION | FASTENING ^A | LOCATION | 1. JOIST TO SILL OR GIRDER | 3-8d COMMON (3/8" X 0.131") 3-3" X 0.131" NAILS | TOE NAIL | 2. BRIDGING TO JOIST | 2-8d COMMON (3/8" X 0.131") 3-3" X 0.131" NAILS | TOE NAIL EACH END | 3. 1" X 6" SUBFLOOR OR LESS TO EACH JOIST | 2-8d COMMON (3/8" X 0.131") | FACE NAIL | 4. WIDER THAN 1" X 6" SUBFLOOR OR TO EACH JOIST | 2-8d COMMON (3/8" X 0.131") | FACE NAIL | 5. 2" SUBFLOOR TO JOIST OR GIRDER | 2-16d COMMON (3/8" X 0.162") | BLIND AND FACE NAIL | 6. SOLE PLATE TO JOIST OR BLOCKING | 16d (3/8" X 0.131") AT 16" O.C. 3" X 0.131" NAILS AT 8" O.C. | TYPICAL FACE NAIL | SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL | 16d (3/8" X 0.131") AT 16" O.C. 3" X 0.131" NAILS AT 16" | BRACED WALL PANELS | 7. TOP PLATE TO STUD | 2-8d (3/8" X 0.131" X 0.162") | END NAILS | 8. STUDS TO SOLE PLATE | 4-8d COMMON (3/8" X 0.131") 4-3" X 0.131" NAILS | TOE NAIL | 9. STUDS TO TOP PLATE | 2-16d COMMON (3/8" X 0.162") 3" X 0.131" NAILS | END NAILS | 10. DOUBLE STUDS | 16d (3/8" X 0.131") AT 24" O.C. 3" X 0.131" NAILS AT 8" O.C. | FACE NAILS | 11. DOUBLE TOP PLATES | 16d (3/8" X 0.131") AT 16" O.C. 3" X 0.131" NAIL AT 12" O.C. | TYPICAL FACE NAIL | DOUBLE TOP PLATES | 8-16d COMMON (3/8" X 0.162") 3-3" X 0.131" NAILS | LAP SPLICE | 12. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE | 2-8d (3/8" X 0.131" X 0.162") | TOE NAIL | 13. RIM JOIST TO TOP PLATE | 8d (3/8" X 0.131") AT 6" O.C. 3" X 0.131" NAIL AT 6" O.C. | TOE NAIL | 14. TOP PLATES, LAPS AND INTERSECTIONS | 2-16d COMMON (3/8" X 0.162") | FACE NAIL | 15. CONTINUOUS HEADER, TWO PIECES | 16d COMMON (3/8" X 0.162") | 16" O.C. ALONG EDGE | 16. CEILING JOISTS TO PLATE | 4-8d COMMON (3/8" X 0.131") 3" X 0.131" NAILS | TOE NAIL | 17. CONTINUOUS HEADER TO STUD | 4-8d COMMON (3/8" X 0.131") | TOE NAIL | 18. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1) | 3-16d COMMON (3/8" X 0.162") MINIMUM, TABLE 2308.10.4.1 | FACE NAIL | 19. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1) | 3-16d COMMON (3/8" X 0.162") MINIMUM, TABLE 2308.10.4.1 | FACE NAIL | 20. Rafter to Plate (See Section 2308.10.1, Table 2308.10.1) | 3-16d COMMON (3/8" X 0.131") | TOE NAIL | 21. 1" X 8" SHEATHING TO EACH BEARING | 3-8d COMMON (3/8" X 0.131") | FACE NAIL | 22. WIDER THAN 1" X 8" SHEATHING TO EACH BEARING | 3-8d COMMON (3/8" X 0.131") | FACE NAIL | 23. BUILT-UP CORNER STUDS | 16d COMMON (3/8" X 0.162") | 24" O.C. 16" O.C. | 24. BUILT-UP GIRDERS AND BEAMS | 20d COMMON (4" X 0.192") 3" X 0.131" NAIL AT 24" O.C. | FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES | 25. 2" PLANKS | 16d COMMON (3/8" X 0.162") | AT EACH BEARING | 26. COLLAR TIE TO RAFTER | 3-10d COMMON (3/8" X 0.148") | FACE NAIL | 27. JACK RAFTER TO HIP | 4-10d COMMON (3/8" X 0.148") 3-3" X 0.131" NAILS | TOE NAIL | 28. ROOF RAFTER TO 2-BY RIDGE BEAM | 2-16d COMMON (3/8" X 0.162") | TOE NAIL | 29. JOIST TO BAND JOIST | 3-16d COMMON (3/8" X 0.162") | FACE NAIL | 30. LEDGER STRIP | 3-16d COMMON (3/8" X 0.162") 3-3" X 0.131" NAILS | FACE NAIL | 32. PANEL SIDING (TO FRAMING) | 2" OR LESS 8d 8d ^E | CONCRETE WITH FC OVER 2600 PSI CAST-IN-PLACE DRILLED PILES OR CAISONS FIELD WELDING EPOXY WELDING OF REINFORCING STEEL HIGH STRENGTH BOLTING SHOTCRETE REINFORCEMENT AND TENSION PLACEMENT IN CONCRETE WITH FC OVER 2500 PSI TENSION STRESSING AND GROUTING TITER HD SCREW ANCHORS FASTENERS OF THE SEISMIC FORCE-RESISTING SYSTEM WHERE ITS SPACING IS 4" O.C. | 33. FIBERBOARD SHEATHING | 2" | NO. 11 GAGE ROOFING NAIL H 60 COMMON NAIL (2" X 0.147") %8" X 0.131" NAILS | 34. INTERIOR PANELING | 2" | NO. 11 GAGE ROOFING NAIL H 6d ^E | FOR SI: 1 INCH = 25.4MM | | | A. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED | | | B. NAILS SPACED 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT SUPPORTS WHERE SPANS ARE 4 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND SHEATHING TO EXTERIOR SHEATHING WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING. | | | C. COMMON OR DEFORMED SHANK (6d/2" X 0.113", 8d/2" X 0.131", 10d/3" X 0.148"). | | | D. COMMON (6d/2" X 0.113", 8d/2" X 0.131", 10d/3" X 0.148"). | | | E. CORROSION-RESISTANT SANDING (6d/2" X 0.106", 8d/2" X 0.128") OR CASING (6d/2" X 0.099", 8d/2" X 0.113") NAIL | | | F. CORROSION-RESISTANT SANDING (6d/2" X 0.106", 8d/2" X 0.128") OR CASING (6d/2" X 0.099", 8d/2" X 0.113") NAIL | | | G. FASTENERS SPACED 3 INCHES CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS. | | | H. CORROSION-RESISTANT ROOFING NAILS WITH 1/8" INCH DIAMETER HEAD AND 1/2" INCH LENGTH FOR 1/2" INCH SHEATHING AND 1/2" INCH LENGTH FOR 1/2" INCH SHEATHING. | | | I. ROOF SHEATHING (1/2" X 0.072") NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS. | | | J. FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING. | | | O. FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING | | | ABBREVIATIONS | | | | | | | | | | ABBREVIATION | DESCRIPTION | AB | ANCHOR BOLT | FL | FLUSH | PTDF | PRESSURE TREATED | | | | | | | | | | | | | | | | | | | ADDL | ADDITIONAL | FLR | FLOOR | PLYWD | PLYWOOD | | | | | | | | | | | | | | | | | | | ADJ | ADJACENT | F.O. | FACE OF BEAM | PSI | POUNDS PER | | | | | | | | | | | | | | | | | | | ADV | ADVISORY | F.O.W. | FACE OF WALL | PSI | POUNDS PER | | | | | | | | | | | | | | | | | | | ALT | ALTERNATE | FRG | FRAMING | SQ INCH | SQUARE INCH | | | | | | | | | | | | | | | | | | | ARCH | ARCHITECTURAL | FTG | FOOTING | PSF | POUNDER | | | | | | | | | | | | | | | | | | | B | BOTTLER | FT | FOOT (FEET) | PSF | SQUARE FOOT | | | | | | | | | | | | | | | | | | | BLDG | BUILDING | GA | GAGE | RAFT | RAFTERS | | | | | | | | | | | | | | | | | | | BLOCKING | BLOCKING | G.C. | GALVANIZED | RAF | RAFTER | | | | | | | | | | | | | | | | | | | BWL | BWL | GL | GENERAL, CONTRACTOR | RR | ROOF RAFTER | | | | | | | | | | | | | | | | | | | BM | BEAM | GET | GABLE END TRUSS | REINF | REINFORCEMENT | | | | | | | | | | | | | | | | | | | BN | BOUNDARY NAILING | GLB | GLU LAM BEAM | RF | ROOF | | | | | | | | | | | | | | | | | | | BOT | BOTTOM | GT | GLU LAM TRUSS | REIN | REINFORCED | | | | | | | | | | | | | | | | | | | BRG | BEARING | H OR HT | HEIGHT | REQT | REQUIREMENT | | | | | | | | | | | | | | | | | | | CANT | CANTER | HB | HOIST | RT | ROOF TRUSSES | | | | | | | | | | | | | | | | | | | CANTER | CANTER | HD | HOLD DOWN STRAP | SAD | SEE ARCHITECTURAL | | | | | | | | | | | | | | | | | | | CB | CEILING BEAM | HR | OR DEVICE | SAD | SEE ARCHITECTURAL | | | | | | | | | | | | | | | | | | | CBC | CEILING BEAM | HRS | HEADER | SCHED OR SCH | SCHEDULE | | | | | | | | | | | | | | | | | | | BULG | BULG | HSS | HOLLOW STRUCTURE | SHRT | SHRINKING | | | | | | | | | | | | | | | | | | | CL | CENTERLINE | INT | INTERIOR | SIMP | SIMPLY | | | | | | | | | | | | | | | | | | | CLR | CLEAR | INV | INVERTED | SPCS | SPECIFICATIONS | | | | | | | | | | | | | | | | | | | CMU | CONCRETE MASONRY UNIT | JST | JIG SAW | SO | SQUARE | | | | | | | | | | | | | | | | | | | COL | CONCRETE COLUMN | K | KIP 1000 POUNDS | STAGG | STAGGERED | | | | | | | | | | | | | | | | | | | CON | CONNECTION | KP | KING POST | STD | STANDARD | | | | | | | | | | | | | | | | | | | CONT | CONTINUOUS | LSL | LIVE LOAD | STRUCT | STRUCTURAL | | | | | | | | | | | | | | | | | | | D | DEEP, DEPTH | LSL | LAMINATED STRAND | SW | SHEAR WALL OR | | | | | | | | | | | | | | | | | | | DF | DOUGLAS FIR LARCH | LVL | LAMINATED VENEER | SYM | SYMMETRICAL | | | | | | | | | | | | | | | | | | | DIA | DIA | LUMBER | TOP | TOS | TOP OF SLAB | | | | | | | | | | | | | | | | | | | DIM | DIMENSION | MANUF | TOP OF | TRG | TOP OF STEEL | | | | | | | | | | | | | | | | | | | DJ | DECOUPLED JOIST | MAX | MAXIMUM | TRG | TOP OF STEEL | | | | | | | | | | | | | | | | | | | DL | DEAD LOAD | MANUF | MANUFACTURED | TOP OF | TOP OF STEEL | | | | | | | | | | | | | | | | | | | DRG | DRAG TRUSS | MIN |
| CONNECTION | FASTENING ^A | LOCATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. JOIST TO SILL OR GIRDER | 3-8d COMMON (3/8" X 0.131") 3-3" X 0.131" NAILS | TOE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. BRIDGING TO JOIST | 2-8d COMMON (3/8" X 0.131") 3-3" X 0.131" NAILS | TOE NAIL EACH END | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. 1" X 6" SUBFLOOR OR LESS TO EACH JOIST | 2-8d COMMON (3/8" X 0.131") | FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. WIDER THAN 1" X 6" SUBFLOOR OR TO EACH JOIST | 2-8d COMMON (3/8" X 0.131") | FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. 2" SUBFLOOR TO JOIST OR GIRDER | 2-16d COMMON (3/8" X 0.162") | BLIND AND FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. SOLE PLATE TO JOIST OR BLOCKING | 16d (3/8" X 0.131") AT 16" O.C. 3" X 0.131" NAILS AT 8" O.C. | TYPICAL FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7. TOP PLATE TO STUD | 2-8d (3/8" X 0.131" X 0.162") | END NAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 12. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE | 2-8d (3/8" X 0.131" X 0.162") | TOE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. RIM JOIST TO TOP PLATE | 8d (3/8" X 0.131") AT 6" O.C. 3" X 0.131" NAIL AT 6" O.C. | TOE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. TOP PLATES, LAPS AND INTERSECTIONS | 2-16d COMMON (3/8" X 0.162") | FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. CONTINUOUS HEADER, TWO PIECES | 16d COMMON (3/8" X 0.162") | 16" O.C. ALONG EDGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. CEILING JOISTS TO PLATE | 4-8d COMMON (3/8" X 0.131") 3" X 0.131" NAILS | TOE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. CONTINUOUS HEADER TO STUD | 4-8d COMMON (3/8" X 0.131") | TOE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1) | 3-16d COMMON (3/8" X 0.162") MINIMUM, TABLE 2308.10.4.1 | FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1) | 3-16d COMMON (3/8" X 0.162") MINIMUM, TABLE 2308.10.4.1 | FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20. Rafter to Plate (See Section 2308.10.1, Table 2308.10.1) | 3-16d COMMON (3/8" X 0.131") | TOE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21. 1" X 8" SHEATHING TO EACH BEARING | 3-8d COMMON (3/8" X 0.131") | FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22. WIDER THAN 1" X 8" SHEATHING TO EACH BEARING | 3-8d COMMON (3/8" X 0.131") | FACE NAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23. BUILT-UP CORNER STUDS | 16d COMMON (3/8" X 0.162") | 24" O.C. 16" O.C. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24. BUILT-UP GIRDERS AND BEAMS | 20d COMMON (4" X 0.192") 3" X 0.131" NAIL AT 24" O.C. | FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FOR SI: 1 INCH = 25.4MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| BWL | BWL | GL | GENERAL, CONTRACTOR | RR | ROOF RAFTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| BULG | BULG | HSS | HOLLOW STRUCTURE | SHRT | SHRINKING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CL | CENTERLINE | INT | INTERIOR | SIMP | SIMPLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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OFFICE WAREHOUSE

2710 DURAHART STREET RIVERSIDE, CA 92507

FOUNDATION PLAN



| FOUNDATION NOTES | | | | | |
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| 1. THE NOTES ON SHEET S0, THE TYPICAL STRUCTURAL DETAILS ON ALL SHEETS, AND THE FOLLOWING NOTES SHALL APPLY TO ALL FOUNDATION CONSTRUCTION. | | | | | |
| 2. ALL FOUNDATION RECOMMENDATIONS ARE BASED ON THE SOILS REPORT LISTED ON SHEET S0. IF THE RECOMMENDED REQUIREMENTS ARE MODIFIED IN ANY WAY, THE ENGINEER OF RECORD AND THE REQUIREMENTS OF THE SOILS REPORT SHALL GOVERN IF THEY ARE MORE STRINGENT THAN THE REQUIREMENTS OF THESE PLANS. | | | | | |
| 3. FOUNDATION PLANS AND DETAILS SHALL BE REVIEWED AND STAMPED BY GEOTECHNICAL ENGINEER OR RECORD. | | | | | |
| 4. FOUNDATION SHALL BE EXAMINED AND CERTIFIED IN WRITING BY THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE OR INSPECTION BY THE LOCAL JURISDICTION. | | | | | |
| 5. ALL FOUNDATION HARDWARE AND REINFORCEMENT SHALL BE SECURELY IN PLACE PRIOR TO CONCRETE PLACEMENT AND INSPECTED BY THE LOCAL JURISDICTION. | | | | | |
| 6. GARAGE SHALL BE SLOPED TO DRAIN PER ARCHITECTURAL PLANS. | | | | | |
| 7. CRACK CONTROL JOINTS (SAW CUTS) ARE RECOMMENDED AT 15' O.C. MAX IN EACH DIRECTION FOR CONVENTIONAL CONCRETE SLABS. ADDITIONAL JOINTS MAY BE ADDED IN ACCORDANCE WITH GOOD CONCRETE PRACTICE AND LOCAL JURISDICTION REQUIREMENTS. | | | | | |
| 8. PLUMBING SHALL NOT BE INSTALLED IN SHEAR WALLS. | | | | | |
| 9. ALL PAVING, FLAT WORK, PLANTERS, AND GRADE ADJACENT TO THE BUILDING SHALL SLOPE AWAY FROM THE BUILDING. | | | | | |
| FOUNDATION LEGEND | | | | | |
| 1. |  | 8'-0" | SHEAR WALL CALLOUT INDICATES SHEAR WALL TYPE AND LENGTH. SEE TO SHEAR SCHEDULE (BELOW), ANCHOR BOLT SCHEDULE (FND PLAN), AND DETAIL CALLOUT 1/SD1 FOR MORE INFORMATION. | | |
| 2. |  | 18" x 18" | INDICATES POST SIZE AND SIMPSON HOLDOWN ANCHOR OR STRAP. INSTALL HOLDOWN ANCHOR PER MANUFACTURER'S RECOMMENDATIONS AND DETAIL CALLOUT 1/SD4 AND 8/SD1. | | |
| 3. |  | 1 | DETAIL NUMBER | | |
| 4. |  | SD1 | DETAIL CALLOUT. SEE DETAIL NUMBER ON SHEET NUMBER AS SHOWN | | |
| | | | DETAL NUMBER | | |
| | | | SD1 | | |
| | | | EDGE OF FOOTING BELOW SEE SCHEDULE. | | |
| | | | SLAB ON GRADE SEE SCHEDULE. | | |
| | | | SLAB EDGE OR CHANGE IN ELEVATION. | | |
| FOOTING & SLAB SCHEDULE | | | | | |
| DESCRIPTION | W x D (INCHES) (SEE DETAILS ON SD1) | REBAR REQUIREMENT | | | |
| EXT. CONT. | 18 x 24 | 2@4 TOP AND BOTTOM | | | |
| INT. CONT. | 12 x 24 | 2@4 TOP AND BOTTOM | | | |
| ISOLATED PAD | 30' SQ MIN. X 24' D MIN | #5 @ 12" O.C. EACH WAY | | | |
| GRADE BM. | 12 x 24 | 2@4 TOP AND BOTTOM | | | |
| TIE BEAM | 12 x 12 | 2@4 TOP AND BOTTOM | | | |
| SLAB ON GRADE* | 5' MIN SLAB THICKNESS | #4 @ 18" O.C. EACH WAY AT SLAB CENTERLINE | | | |
| * PER THE GEOTECHNICAL REPORT, CONCRETE SLABS IN MOISTURE SENSITIVE AREAS SHALL BE UNDERLAIN WITH A VAPOR BARRIER CONSISTING OF 10 MIL VAPOR BARRIER OVER ALL LAPS SEALED AND ATTACHED TO THE EXISTING CONCRETE SLAB. THE VAPOR BARRIER SHALL BE SECURELY ATTACHED ON THE VAPOR BARRIER. MINIMUM CONCRETE F2 SHALL BE 4500 psi. ALL SUBGRADE AND FOUNDATION RECOMMENDATIONS SHALL BE CONFIRMED WITH THE FINAL GEOTECHNICAL REPORT. | | | | | |
| TYPICAL FOUNDATION DETAILS, UNO | | | | | |
| DESCRIPTION | DETAIL | DESCRIPTION | DETAIL | | |
| EXTERIOR FOOTING | 1 SD1 | GARAGE CURB FOOTING | 5 SD1 | | |
| INTERIOR FOOTING | 2 SD1 | HOLD DOWN ANCHOR | 8 SD1 | | |
| INTERIOR PAD FOOTING | 3 SD1 | ANCHOR BOLTS | 14 SD1 | | |
| EXTERIOR PAD FOOTING | 4 SD1 | | | | |
| ANCHOR BOLT SCHEDULE | | | | | |
| Shear Wall Designation | No. of Shear | 6 | 4 | 3 | 2 |
| Footnotes | A.D.E | B.C.E | B.C.E | B.C.E | B.C.E |
| Construction | | | | | |
| BOLT DIAMETER (INCHES) | 1/2 | 5/8 | 5/8 | 5/8 | 5/8 |
| PLATE WASHER | 48 | 32 | 24 | 24 | 16 |
| SQUARE SIZE (INCHES) | 2 | 3 | 3 | 3 | 3 |
| THICKNESS (INCHES) | 3/16 | 0.229 | 0.229 | 0.229 | 0.229 |
| MUD SILL | 2x | 2x | 3x | 3x | 3x |
| Footnotes: | | | | | |
| A. FOR INTERIOR NON-SHEAR WALLS, SHOT PINS MAY BE USED IN LIEU OF ANCHOR BOLTS. USE 0.145" SHOT PINS @ 24" O.C. MIN. WITH MIN. 1.25" PENETRATION INTO CONCRETE (IC-ES REPORT #2379). | | | | | |
| B. THE HOLE IN A SQUARE PLATE WASHER FOR ANCHOR BOLTS MAY BE DIAGONALLY SLOPED IN A DIRECTION OF UP TO 1/4" LARGER THAN THE BOLT DIAMETER AND A SLOT LENGTH NOT TO EXCEED 1/2". PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT. | | | | | |
| C. SQUARE PLATE WASHERS SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE SILL PLATE ON SIDES AND TOP. | | | | | |
| D. STANDARD CUT WASHERS ARE PERMITTED PER ANSI/AF AND PA-SGIPS-2015 TABLE A2. | | | | | |
| E. ALL FOUNDATION SILLS SHALL BE NATURALLY DURABLE OR PRESERVATIVE-TREATED WOOD. FIELD-CUT ENDS, NOTCHES, AND DRILLED HOLES OF PRESERVATIVE-TREATED WOOD SHALL BE FIELD-TREATED PER AWP-A. | | | | | |
| THE SPECIFIED FOOTING EMBEDMENT DEPTH, D, SHALL BE MEASURED FROM THE LOWEST ADJACENT FINAL COMPAKTED OR NATURAL GRADE WITHIN 5' OF THE BUILDING FOOTPRINT. SLOPES OF ADJACENT AREAS SHALL BE CONSIDERED WHEN DETERMINING THIS MINIMUM EMBEDMENT DEPTH REQUIREMENT. | | | | | |
| REFER TO GRADING PLANS FOR LOCATIONS OF DEEPENED FOOTINGS IF OCCURS. DEEPENED FOOTINGS SHALL BE CONSTRUCTED PER DETAIL 1/SD1. UNO. CONTACT JKL IF DEEPENED FOOTINGS ARE NEEDED. | | | | | |

JOB NUMBER: 25008
ENGINEER: AH
DRAFTER: AH
ORIGINAL ISSUE: 06/10/2025



RAMMING NOTES

1. THE SPECIFICATIONS AND NOTES ON SHEET S0, THE TYPICAL STRUCTURAL DETAILS ON ALL SHEETS, AND THE FOLLOWING NOTES APPLY ALL STRUCTURAL FRAMING.
2. FLOOR FRAMING SHALL BE PER DETAIL 2/SD2 AND 3/SD2.
3. WALL FRAMING SHALL BE PER DETAIL 12/SD2.
4. WALLS SHALL BE FRAMED WITH CONTINUOUS STUDS FROM THE FLOOR TO THE BOTTOM OF ROOF RAFTERS/ROOF TRUSSES AT ALL SHEAR OR BEARING WALLS.
5. SHEAR PANEL MAY BE INSTALLED AT EITHER FACE OF WALL AS LONG AS MINIMUM LENGTHS AND MAXIMUM OPENINGS SIZES ARE MAINTAINED.
6. CARRY ALL BEARING MULTIPLE STUDS OR POSTS FROM UPPER LEVELS DOWN TO FIRST FLOOR OR BEAM BELOW. INSTALL SQUASH BLOCK AT THE INTERMEDIATE FLOOR LEVEL TO AT MINIMUM MATCH THE SIZE OF THE STUDS OR POSTS ABOVE.
7. SHEAR WALLS CAN NOT BE USED AS PLUMBING WALLS UNLESS APPROVED BY JKL ENGINEERING IN WRITING.
8. HOLES IN I-JOISTS SHALL NOT EXCEED THOSE ALLOWED BY JOIST MANUFACTURER. NOTCHES AND HOLES IN PLATES AND 2X JOISTS SHALL NOT EXCEED THOSE SHOWN IN DETAIL 12/SD2.
9. ALTERNATE PRODUCTS MAY BE USED IN LIEU OF SPECIFIED SIMPSON HARDWARE AS LONG AS THEIR CAPACITIES ARE EQUAL TO OR BETTER, SUBJECT TO WRITTEN APPROVAL BY JKL ENGINEERING.
10. SHEATHING NAILING AND INSTALLATION SHALL NOT BE COVERED PRIOR TO STRUCTURAL OBSERVATION BY JKL ENGINEERING AND INSPECTION BY THE BUILDING DEPARTMENT.
11. FOR HORIZONTAL CS STRAPS INSTALLED OVER BLOCKING (2X OR I-JOIST), 10D NAILS MAY BE INSTALLED IN EVERY OTHER HOLE EXCEPT WHERE THERE IS INSUFFICIENT END LENGTH.
12. CONTINUOUS 1 1/2" LSL RIM BOARDS SHOULD BE USED AT ALL FLOOR FRAMING EDGES WHERE EVER POSSIBLE. ALL RIM BREAKS SHOULD BE SPLICE WITH MINIMUM MSTA36 PER 2/SD4, U.N.O.
13. "DROP" BEAMS SHALL BE INSTALLED WITH THE TOP OF BEAM FLUSH WITH THE TOP OF WALL PLATES. SUPPORT PER DETAIL 10/SD2 AND STRAP PER 9/SD4 (WHERE PARALLEL FRAMING OCCURS), U.N.O. ON PLANS.
14. "FLUSH" / "BOTTOM FLUSH" BEAMS SHALL BE INSTALLED WITH THE BOTTOM OF BEAM DIRECTLY OVER THE TOP OF WALL PLATES. SUPPORT PER DETAIL 10/SD2 AND STRAP PER 9/SD4 (WHERE PARALLEL FRAMING OCCURS), U.N.O. ON PLANS.
15. "TOP FLUSH" BEAMS SHALL BE INSTALLED WITH THE TOP OF BEAM DIRECTLY BELOW THE SHEATHING. SUPPORT PER DETAIL 10/SD2 AND STRAP WITH MSTA36 (U.N.O.) AT SIDE OF BEAM (WHERE PARALLEL FRAMING OCCURS), U.N.O. ON PLANS.
16. "CEILING" BEAMS OR "CB" SHALL BE INSTALLED PER "FLUSH" BEAMS AS NOTED ABOVE.
17. FRAMING FOR PERIMETER FIREPLACE FLUES SHALL BE A MINIMUM OF 2X4 STUDS AT 16" O.C. BRACED AT MID HEIGHT AND AT FLOOR AND ROOF LEVELS. MAXIMUM UNBRACED LENGTH OF STUDS SHALL BE 14' (7' FOR CANTILEVERS).
18. ALL MULTIPLE 2X MEMBERS SHALL BE LAMINATED WITH 16D NAILS AT 12" O.C. (ONE ROW FOR UP TO 2X6 MEMBERS, 2 ROWS FOR UP TO 2X10 MEMBERS, 3 ROWS FOR UP TO 2X14 MEMBERS), UNLESS NOTED OTHERWISE.
19. ALL FLUSH AND TOP FLUSH BEAMS SHALL BE BOUNDARY NAILED AND HAVE MINIMUM 2-2X SUPPORTS U.N.O.

FRAMING LEGEND

1. INDICATES FRAMING MEMBER AS DEFINED BELOW.

RRJ- INDICATES 14" TJI 230 ROOF RAFTERS AT 24" O.C., U.N.O.

2. INDICATES CANTILEVERED MEMBER AS DEFINED ABOVE.

3. INDICATES BEARING CONDITION AT JOISTS/RAFTERS/TRUSSES

4. INDICATES HANGING CONDITION AT JOISTS/RAFTERS/TRUSSES. SEE S0 FOR HANGER U.N.O.

5. INDICATES CEILING JOIST AS DEFINED BELOW

CJ - INDICATES CEILING JOISTS PER TABLE BELOW OR SEE 4/SD3 FOR ADD'L SPANS

| | |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 2X6 AT 24" O.C. MAX SPAN = 12'-0" 2X10 AT 24" O.C. MAX SPAN = 21'-0" | 2X8 AT 24" O.C. MAX SPAN = 16'-0" 2X12 AT 24" O.C. MAX SPAN = 25'-0" |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|

6. INDICATES BEAM/JOIST/RIM AS DEFINED BELOW.

PSL - INDICATES 2.0E PARALLAM BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN
LSL - INDICATES 1 1/4 1.55E TIMBERSTRAND BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN U.N.O.
ML - INDICATES 1.9E MICROLLAM BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN
LVL - INDICATES 2.0E LAMINATED VENEER BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN

7. SHEAR WALL CALLOUT INDICATES SHEAR WALL TYPE AND LENGTH. SEE TO SHEAR SCHEDULE (BELOW), ANCHOR BOLT SCHEDULE (FND PLAN), AND DETAIL CALLOUT 12/SD2 FOR MORE INFORMATION.

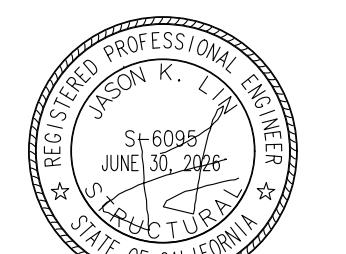
8. INDICATES POST SIZE AND SIMPSON HOLDOWN ANCHOR OR STRAP. INSTALL HOLDOWN ANCHOR PER MANUFACTURER'S RECOMMENDATIONS AND DETAIL CALLOUT 1/SD4 AND 8/SD1.

9. DETAIL NUMBER
 SHEET NUMBER
DETAIL CALLOUT. SEE DETAIL NUMBER ON SHEET NUMBER AS SHOWN

10. BEAM NUMBER (FOR REFERENCE ONLY)

SHEAR SCHEDULE

| | NON-SHEAR | 6 | 4 | 3 | 2 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------|--------------------------------------------------|------------------------------------------------------|-----------------------------------------|
| FOOTNOTES | | B,C | A,B,C | A,B,C | A,B,C |
| CONSTRUCTION APA RATED STRUCT 1 SHEATHING BOUNDARY / EDGE NAILING (COMMON NAILS) | N/A N/A | 15/32" 10d @ 6" | 15/32" 10d @ 4" | 15/32" 10d @ 3" | 15/32" 10d @ 2" |
| MUD SILL / UPPER FLOOR SOLE | 2x/2x | 2x/2x | 3x/2x | 3x/2x | 3x/2x |
| MIN. MEMBER ABOVE & BELOW WALL BLOCKING (INTERIOR) RIM (EXTERIOR OR INTERIOR) CONTINUOUS JOIST (INTERIOR) | TJI 110 1.5" LSL TJI 110 | TJI 110 1.5" LSL TJI 110 | 1.5" LSL 1.5" LSL 1.5" LSL | 1.5" LSL 1.5" LSL 1.5" LSL | 1.5" LSL 1.5" LSL 1.5" LSL |
| CONNECTOR SPACING (O.C.) 12d 16d A35 RBC LTP4 LTP5 1/4" SDWS SCREWS W/ 1.75" MIN PENETRATION INTO RIM | 8" 8" 46" 29" 44" 36" - | 4" 4" 24" 14" 23" 19" 15" | 3" 3 17" 10" 16 13" 10" 10" | 2.25" 2.25 13" 8" 13" 10" 8" 8" | 2" 2" 10" 6" 9" 8" 6" |
| WALL CAPACITY (PLF) | N/A | 313 | 470 | 611 | 800 |
| GENERAL NOTES: | | | | | |
| 1. ALL NAILING SHALL BE STAGGERED WHERE SPACING IS 4" OR LESS ON CENTER. 2. ALL FIELD NAILING SHALL BE 12" O.C. 3. USE THE "NON-SHEAR" CONNECTOR SCHEDULE AT ALL NON-SHEAR WALLS. 4. ALL SHEATHING EDGES SHALL BE BLOCKED. 5. NAILS SHALL BE PLACED NOT LESS THAN $\frac{1}{2}$ " EDGE DISTANCE FROM PANEL EDGES AND $\frac{3}{8}$ " FROM THE EDGE OF THE CONNECTING MEMBERS. 6. PANELS EDGES SHALL BE STAGGERED ON ALTERNATING STUDS WHEN SHEAR WALL IS SHEATHED ON BOTH SIDES. | | | | | |
| FOOTNOTES: | | | | | |
| A. FRAMING AT ADJOINING PANEL EDGES SHALL BE 3-INCH NOMINAL OR WIDER (ALTERNATIVELY, 2-2X STUDS MAY BE USED IF THEY ARE STITCHNAILED TOGETHER AT SHEAR WALL EDGE NAILING) B. APA STRUCT 1 RATED SHEATHING C. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS OF THE SHEAR WALL PER 1705.12.2, EXCEPT FOR WHERE THE FASTENER SPACING OF THE SHEATHING IS EQUAL TO OR MORE THAN 4" ON CENTER AND OCCUPANCIES IN GROUP R-3 AND OCCUPANCIES IN GROUP U THAT ARE ACCESSORY TO A RESIDENTIAL OCCUPANCY, INCLUDING BUT NOT LIMITED TO THOSE LISTED IN SECTION 312.1 | | | | | |



OFFICE WAREHOUSE

2710 DURAHART STREET
RIVERSIDE CA 92507

MEZZANINE FRAMING PLAN

MEZZANINE FRAMING PLAN

This architectural floor plan illustrates the layout of three existing offices and a warehouse space. The plan includes the following details:

- EXISTING OFFICE #3:** Located at the top left, this room is 6' x 8' and contains two rectangular fixtures. It is connected to a 4' x 6' corridor.
- EXISTING OFFICE #2:** Located in the middle left, this room is 6' x 6' and contains two rectangular fixtures. It is connected to a 4' x 6' corridor. A note indicates "2 X 10 CJ AT 24" O.C." (2x10 joists at 24" on center).
- EXISTING OFFICE #1:** Located at the bottom left, this room is 6' x 8' and contains two rectangular fixtures. It is connected to a 4' x 6' corridor.
- EXISTING WAREHOUSE SPACE:** A large rectangular area on the right side of the plan.
- EXISTING ADA RESTROOM:** A small room located at the top right, 4' x 6', containing a toilet and a sink. A note indicates "2 X 10 CJ AT 24" O.C." (2x10 joists at 24" on center).
- Dimensions:** The plan includes several dimensions: 6' x 8' for the office rooms, 4' x 6' for the corridors, and 2' x 10' for the joists.
- Fixtures:** Each office room contains two rectangular fixtures, likely desks or chairs. The restroom contains a toilet and a sink.
- Notes:** The plan includes several notes: "EXISTING OFFICE #3", "EXISTING OFFICE #2", "EXISTING OFFICE #1", "EXISTING ADA RESTROOM", "2 X 10 CJ AT 24" O.C.", and fixture symbols for desks and chairs.
- Symbol Legend:** Circular symbols with numbers (e.g., 5, 1, 8) and letters (e.g., SD2, TYP) are placed at various points, likely indicating specific fixture types or locations.

EEZZANINE FRAMING PLAN

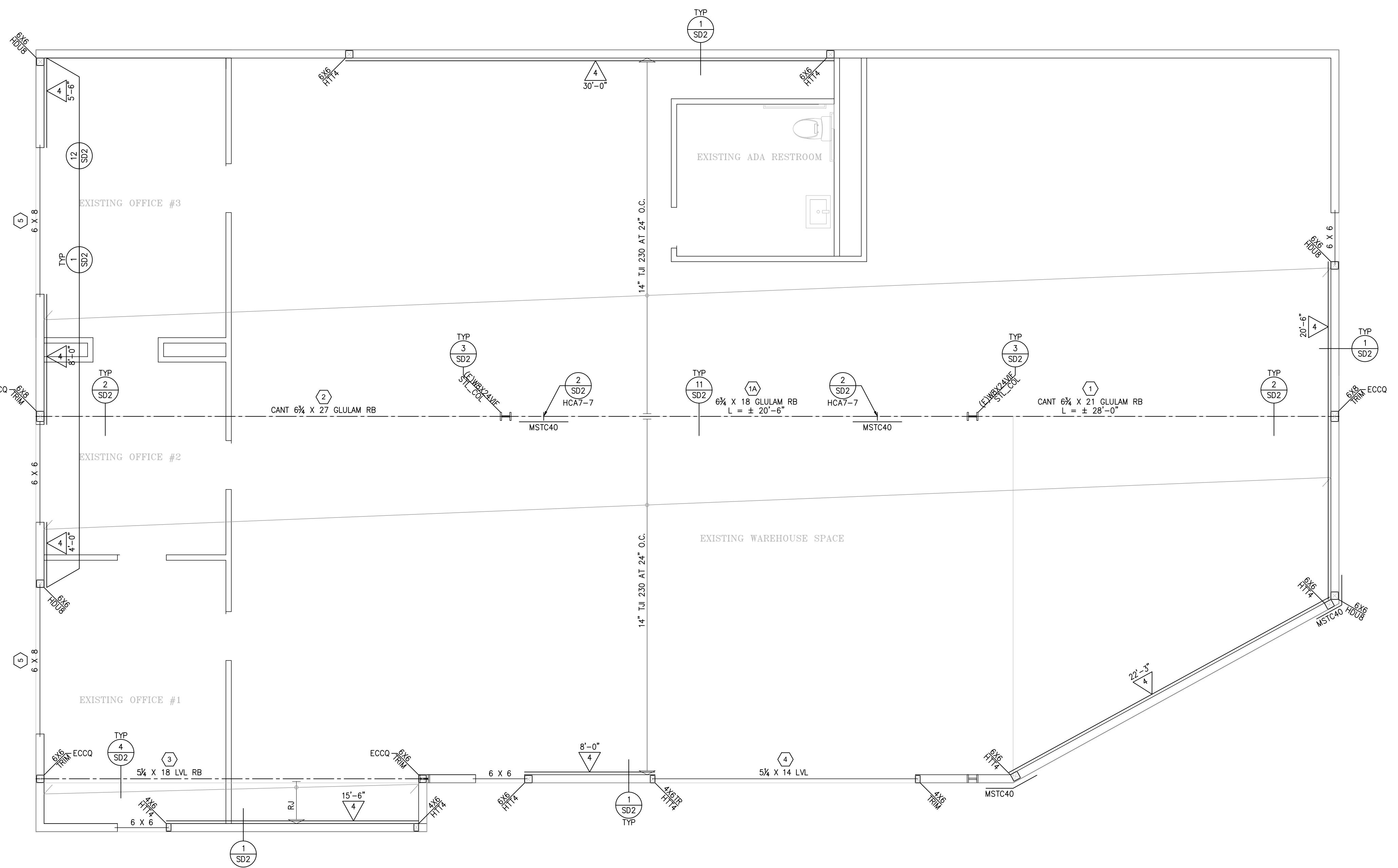
CALE: $1/4" = 1'$

S2.1

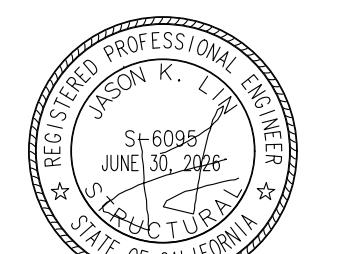
OFFICE WAREHOUSE

2710 DURAHART STREET RIVERSIDE, CA 92507

ROOF FRAMING PLAN



| FRAMING NOTES | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. THE SPECIFICATIONS AND NOTES ON SHEET S9, THE TYPICAL STRUCTURAL DETAILS ON ALL SHEETS, AND THE FOLLOWING NOTES APPLY ALL STRUCTURAL FRAMING. | |
| 2. FLOOR FRAMING SHALL BE PER DETAIL 2502 AND 2502 TYP. | |
| 3. ALL STUDS SHALL BE 2X STUDS. | |
| 4. WALLS SHALL BE FRAMED WITH CONTINUOUS STUDS FROM THE FLOOR TO THE BOTTOM OF ROOF RAFTERS/ROOF TRUSSES AT ALL SHEAR OR BEARING WALLS. | |
| 5. SHEAR PANEL MAY BE INSTALLED AT OTHER FLOOR LEVELS AS LONG AS MINIMUM LENGTHS AND MAXIMUM STUD SPACINGS ARE MET. STUDS ARE TO BE PLACED IN A STRAIGHT LINE. | |
| 6. CARRY ALL BEARING MEMBERS AND STUDS OR POSTS FROM UPPER LEVELS DOWN TO FIRST FLOOR OR BEAM BELOW. INSTALL SQUASH BLOCK AT THE INTERMEDIATE FLOOR LEVEL TO AT MINIMUM MATCH THE SIZE OF THE STUDS OR POSTS ABOVE. | |
| 7. SHEAR WALLS CAN NOT BE USED AS PLUMBING WALLS UNLESS APPROVED BY JKL ENGINEERING IN WRITING. | |
| 8. HOLES IN JOISTS SHALL NOT EXCEED THOSE ALLOWED BY JOIST MANUFACTURER. NOTCHES AND HOLES IN PLATES AND 2X JOISTS SHALL NOT EXCEED THOSE SHOWN IN DETAIL 12/52. | |
| 9. ALTERNATE PRODUCTS MAY BE USED IN LIEU OF SPECIFIED SIMPLY AS LONG AS THEY ARE APPROVED BY JKL ENGINEERING. | |
| 10. SHEATHING NAILING AND INSTALLATION SHALL NOT BE COVERED PRIOR TO STRUCTURAL OBSERVATION BY JKL ENGINEERING AND INSPECTION BY THE BUILDING DEPARTMENT. | |
| 11. FOR HORIZONTAL CS STRAPS INSTALLED OVER BLOXING (2X OR JOIST), NO NAILS MAY BE PLACED ON THE STRAP. THE STRAP IS TO BE PLACED ON THE BLOXING AS SHOWN. | |
| 12. CONTINUOUS 1/2" LSL RIM BOARDS SHOULD BE USED AT ALL FLOOR FRAMING EDGES WHERE EVER POSSIBLE. ALL RIM BREAKS SHOULD BE SPUCHE WITH MINIMUM MST36 PER 2504 U.N.O. OR PLANS. | |
| 13. "DROP" BEAMS SHALL BE INSTALLED WITH THE TOP OF BEAM FLUSH WITH THE TOP OF WALL PLATES SUPPORT PER DETAIL 10/52 AND STRAP PER 8/54 (WHERE PARALLEL FRAMING OCCURS), U.N.O. | |
| 14. "FLUSH" BOTTOM FLUSH BEAMS SHALL BE INSTALLED WITH THE BOTTOM OF BEAM DIRECTLY OVER THE TOP OF WALL PLATES SUPPORT PER DETAIL 10/52 AND STRAP PER 8/54 (WHERE PARALLEL FRAMING OCCURS), U.N.O. OR PLANS. | |
| 15. TOP OF BEAM SHALL BE INSTALLED WITH THE TOP OF BEAM DIRECTLY BELOW THE SHEATHING. SUPPORT PER DETAIL 10/52 AND STRAP PER MST36 (U.N.O.) AT SIDE OF BEAM (WHERE PARALLEL FRAMING OCCURS), U.N.O. OR PLANS. | |
| 16. "CEILING" OR "CB" SHALL BE INSTALLED PER "FLUSH" BEAMS AS NOTED ABOVE. BRACED AT MID HEIGHT AND AT FLOOR AND ROOF LEVELS. MAXIMUM UNBRACED LENGTH OF STUDS SHALL BE 14' (7' FOR CANTILEVERS). | |
| 17. ALL MULTIPLE 2X MEMBERS SHALL BE LAMINATED WITH 16D NAILS AT 12" O.C. (ONE ROW FOR UP TO 2X11 MEMBERS, 3 ROWS FOR UP TO 2X14 MEMBERS, UNLESS NOTED OTHERWISE). | |
| 18. ALL FLUSH AND TOP FLUSH BEAMS SHALL BE BOUNDARY NAILED AND HAVE MINIMUM 2-2X SUPPORTS U.N.O. | |
| FRAMING LEGEND | |
| 1. | INDICATES FRAMING MEMBER AS DEFINED BELOW. RJ - INDICATES 14" TJI 230 ROOF RAFTERS AT 24" O.C. U.N.O. |
| 2. | INDICATES CANTILEVERED MEMBER AS DEFINED ABOVE. |
| 3. | INDICATES BEARING CONDITION AT JOISTS/RAFTERS/TRUSSES |
| 4. | INDICATES HANGING CONDITION AT JOISTS/RAFTERS/TRUSSES. SEE S FOR HANGER U.N.O. |
| 5. | INDICATES CEILING JOIST AS DEFINED BELOW CJ - INDICATES CEILING JOISTS PER TABLE BELOW OR SEE 4/SD3 FOR ADDL SPANS 2X AT 24" O.C. MAX SPAN = 12'-0" 2X10 AT 24" O.C. MAX SPAN = 21'-0" 2X12 AT 24" O.C. MAX SPAN = 16'-0" 2X10 AT 24" O.C. MAX SPAN = 25'-0" |
| 6. | INDICATES BEAM LENGTH (L) AS DEFINED BELOW PSL - INDICATES 2X PARALLEL BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN LSL - INDICATES 1/2" X 5/8" TIMBER/STEEL BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN U.N.O. ML - INDICATES 1 9/16" MICROLAM BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN LVL - INDICATES 2.0 E LAMINATED VENEER BEAM TO MATCH DEPTH OF FLOOR FRAMING W/ BN |
| 7. | 8'-0" SHEAR WALL CALLOUT INDICATES SHEAR WALL TYPE AND LENGTH. SEE TO SHEAR SCHEDULE (BELOW), ANCHOR BOLT SCHEDULE (FND PLAN), AND DETAIL CALLOUT 10/52 FOR MORE INFORMATION. |
| 8. | INDICATES POST SIZE AND SIMPSON HOLDOWN ANCHOR OR STRAP. INSTALL HOLDOWN ANCHOR PER MANUFACTURER'S RECOMMENDATIONS AND DETAIL CALLOUT 10/52 AND 8/54. |
| 9. | DETAIL NUMBER DETAIL CALLOUT. SEE DETAIL NUMBER ON SHEET NUMBER AS SHOWN SHEET NUMBER |
| 10. | BEAM NUMBER (FOR REFERENCE ONLY) |
| SHEAR SCHEDULE | |
| FOOTNOTES | NON-SHEAR 6 4 3 2 |
| CONSTRUCTION | B.C. A.B.C. A.B.C. A.B.C. |
| APA RATED STRUCT 1 SHEATHING BOUNDARY EDGE NAILING (COMMON NAILS) | N/A N/A 15/32" 10d @ 6" 15/32" 10d @ 4" 15/32" 10d @ 3" 15/32" 10d @ 2" |
| MUD SILL/UPPER FLOOR SOLE | 2x2x 2x2x 3x2x 3x2x 3x2x |
| MIN. MEMBER ABOVE & BELOW WALL | |
| BLOCKING (INTERIOR) TJI 110 TJI 110 1.5" LSL 1.5" LSL 1.5" LSL 1.5" LSL | |
| MIN. (EXTERIOR OR INTERIOR) 1.5" LSL 1.5" LSL 1.5" LSL 1.5" LSL 1.5" LSL 1.5" LSL | |
| CONTINUOUS JOIST (INTERIOR) TJI 110 TJI 110 1.5" LSL 1.5" LSL 1.5" LSL 1.5" LSL | |
| CONNECTOR SPACING (O.C.) | 12" 8" 4" 3" 2.25" 2" 10" 6" 4" 2.25" 2" 8" 6" 4" 17" 12" 10" |
| A35 48" 24" 14" 10" 8" 6" | |
| RBC 29" 14" 10" 8" 6" | |
| LTP4 44" 23" 16" 13" 9" | |
| LTP5 36" 19" 13" 10" 8" 6" | |
| 1/4" SDWS SCREWS W/ 1.75" MIN PENETRATION INTO RIM | * |
| WALL CAPACITY (PLF) | N/A 313 470 611 800 |
| GENERAL NOTES: | |
| 1. CONNECTORS SHALL BE STAGGERED WHERE SPACING IS 4' OR LESS ON CENTER. | |
| 2. ALL FIELD NAILING SHALL BE 10D C. | |
| 3. USE THE NON-SHEAR CONNECTOR SCHEDULE AT ALL NON-SHEAR WALLS. | |
| 4. ALL CONNECTORS SHALL BE PLACED AS SHOWN. | |
| 5. NAILS SHALL BE PLACED NOT LESS THAN 1/2" EDGE DISTANCE FROM PANEL EDGES AND 1/2" FROM THE EDGE OF THE CONNECTING MEMBERS. | |
| 6. PANELS EDGES SHALL BE STAGGERED ON ALTERNATING STUDS WHEN SHEAR WALL IS SHEATHED ON BOTH SIDES. | |
| FOOTNOTES: | |
| A. FRAMING AT ADJOINING PANEL EDGES SHALL BE 3-INCH NOMINAL OR WIDER (ALTERNATELY, 2-2X STUDS MAY BE USED IF THEY ARE STITCHNAILED TOGETHER AT SHEAR WALL EDGE NAILING). | |
| B. A 1/2" SPACER SHALL BE PLACED IN THE SHEAR WALL EDGE NAILING. | |
| C. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS OF THE SHEAR WALL PER I705.12.2, EXCEPT FOR WHERE THE FASTENER SPACING OF THE SHEATHING IS EQUAL TO OR MORE THAN 4" ON CENTER AND OCCUPANCIES IN GROUP K'S AND OCCUPANCIES IN GROUP U THAT ARE ACCESSORY TO A RESIDENTIAL OCCUPANCY, INCLUDING BUT NOT LIMITED TO THOSE LISTED IN SECTION 12.1. | |

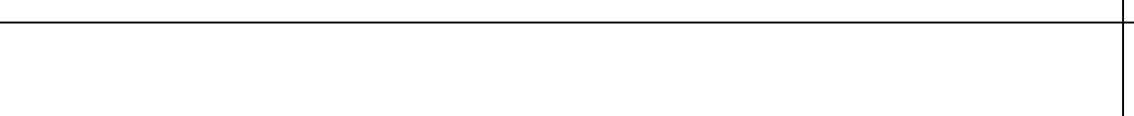
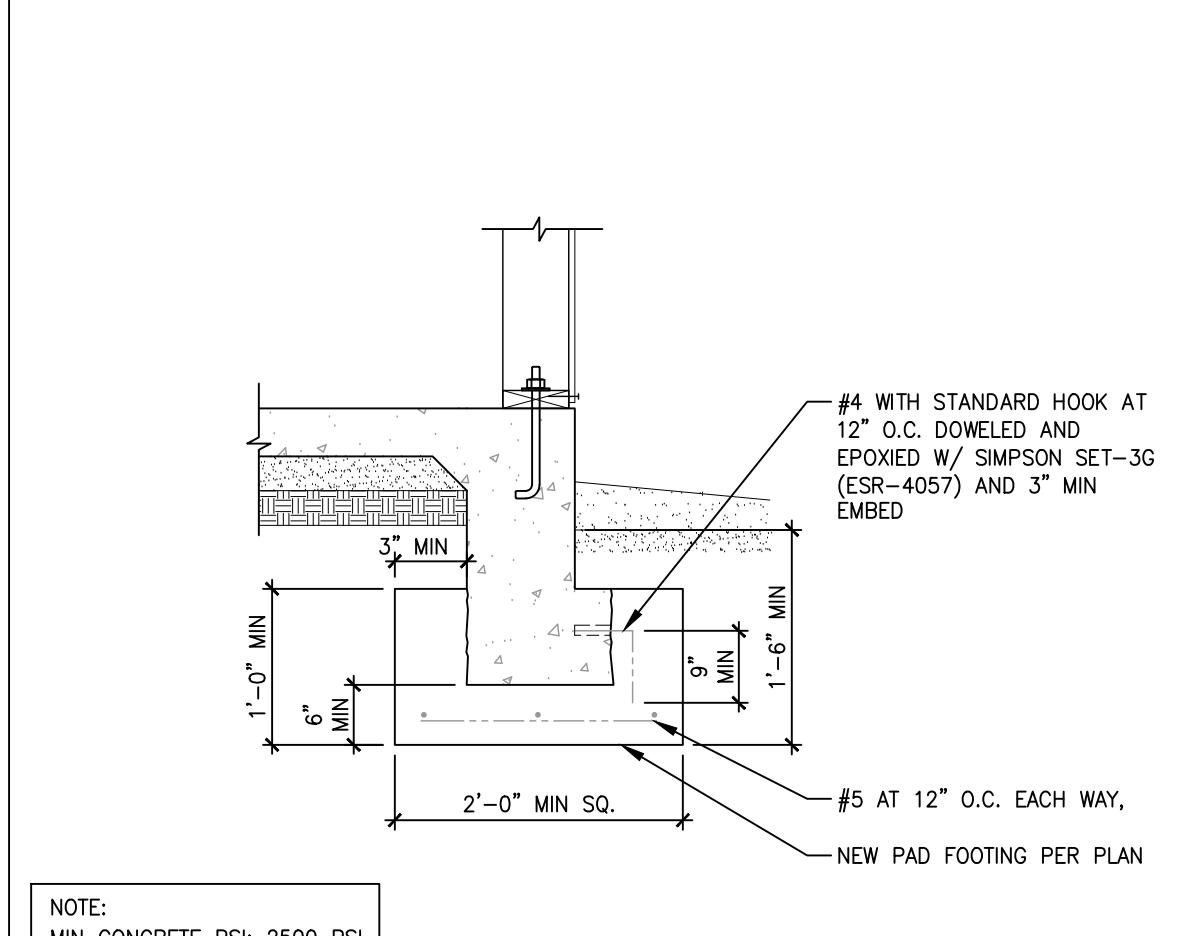
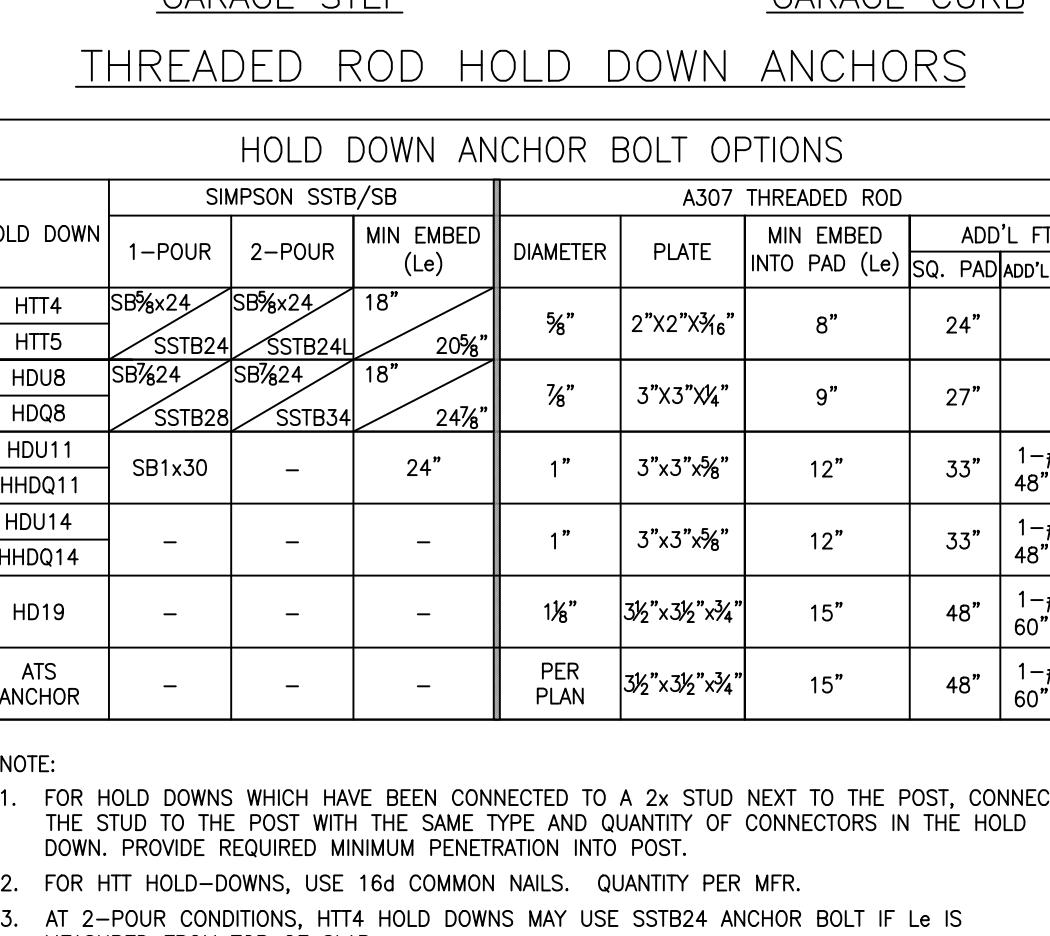
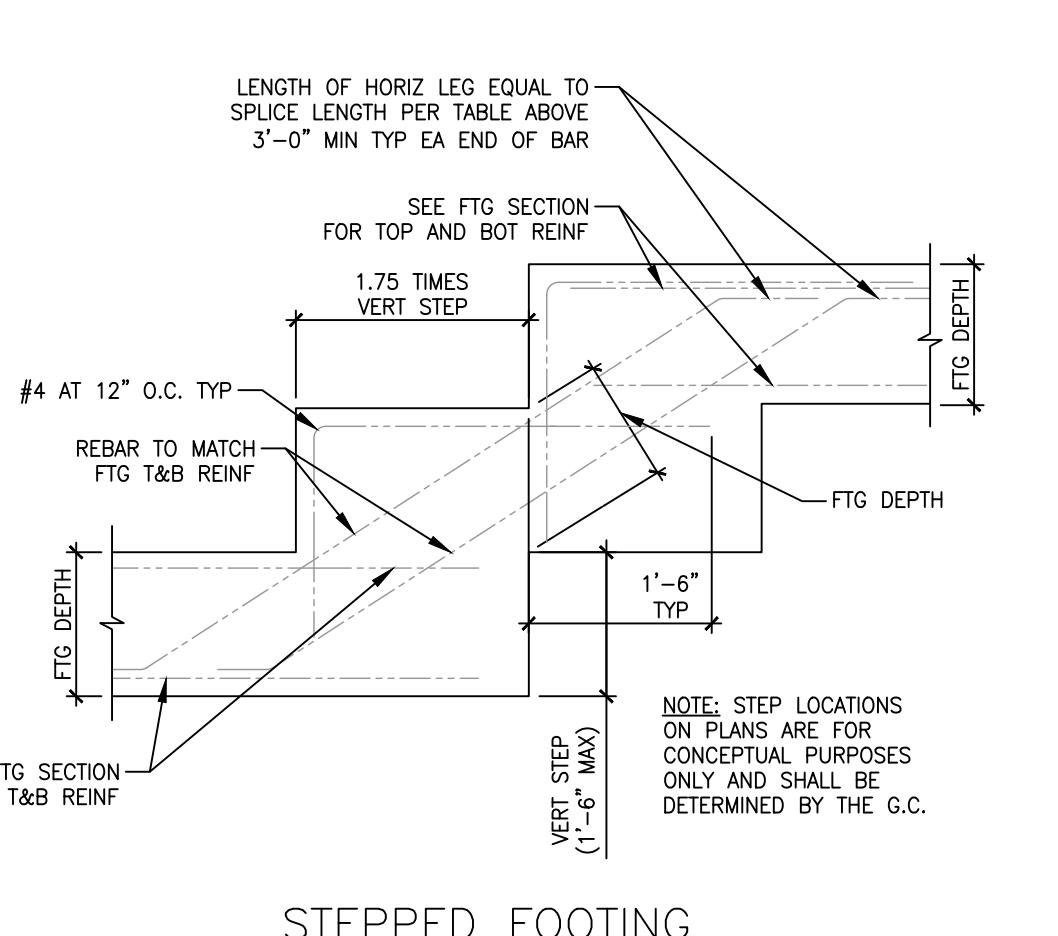
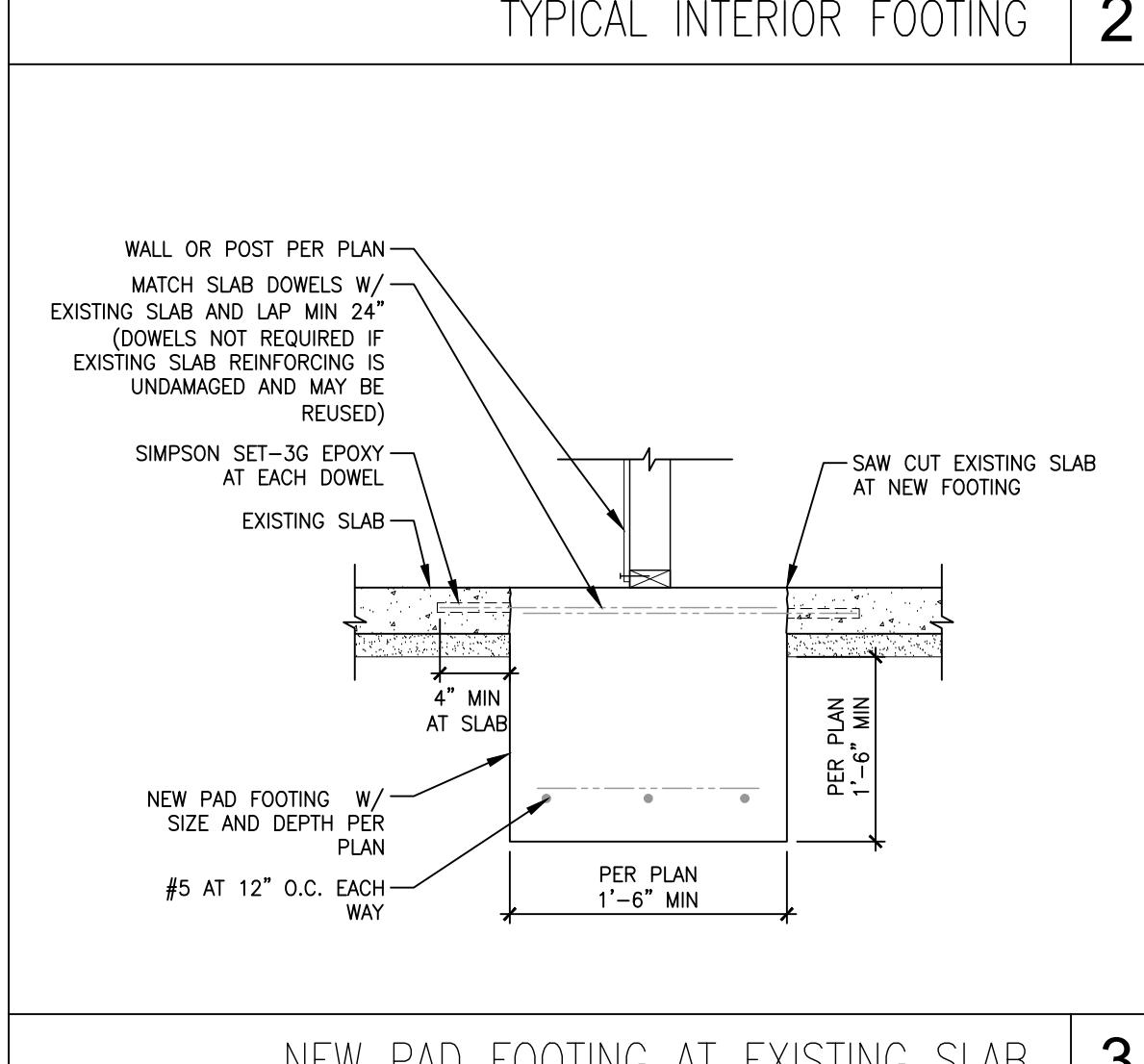
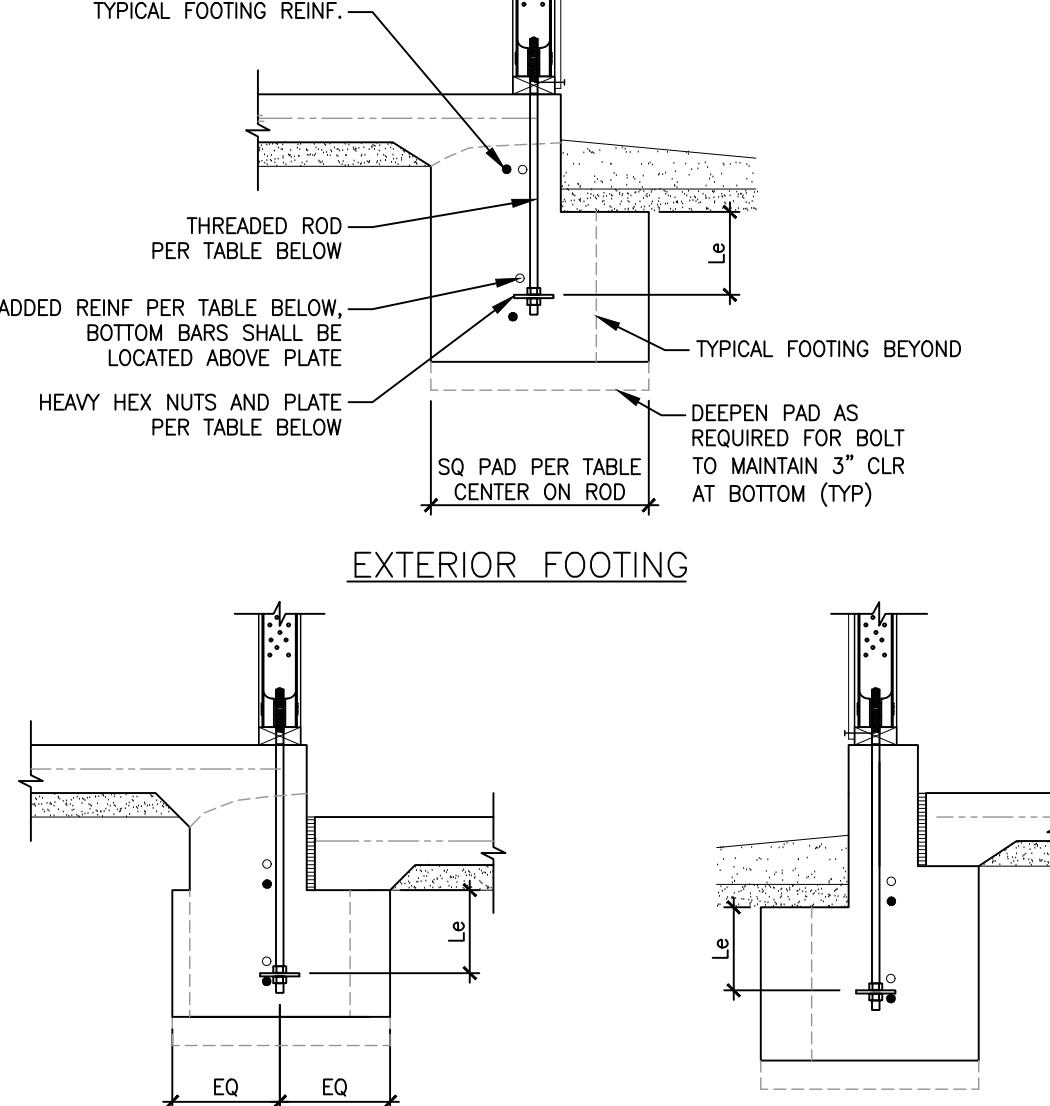
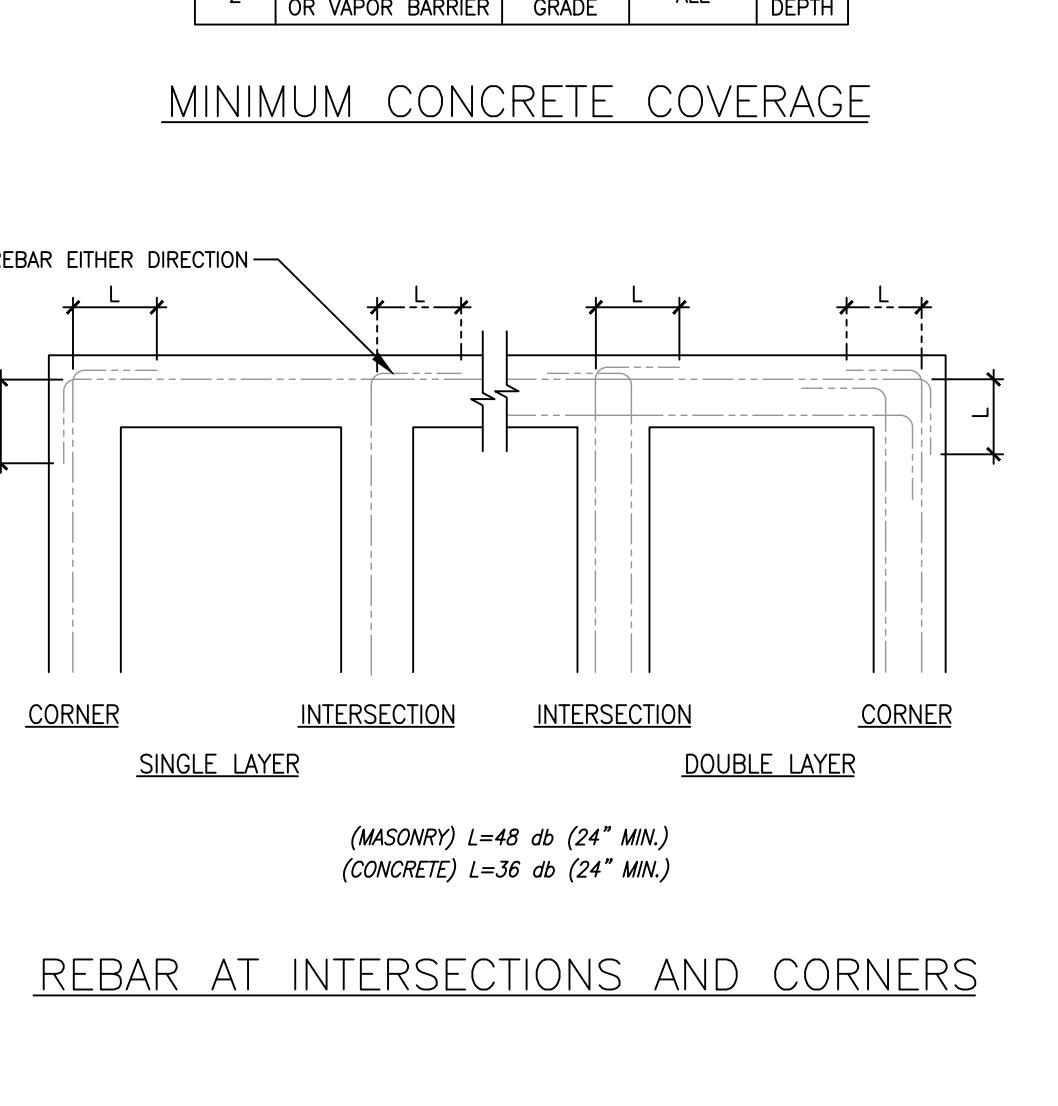
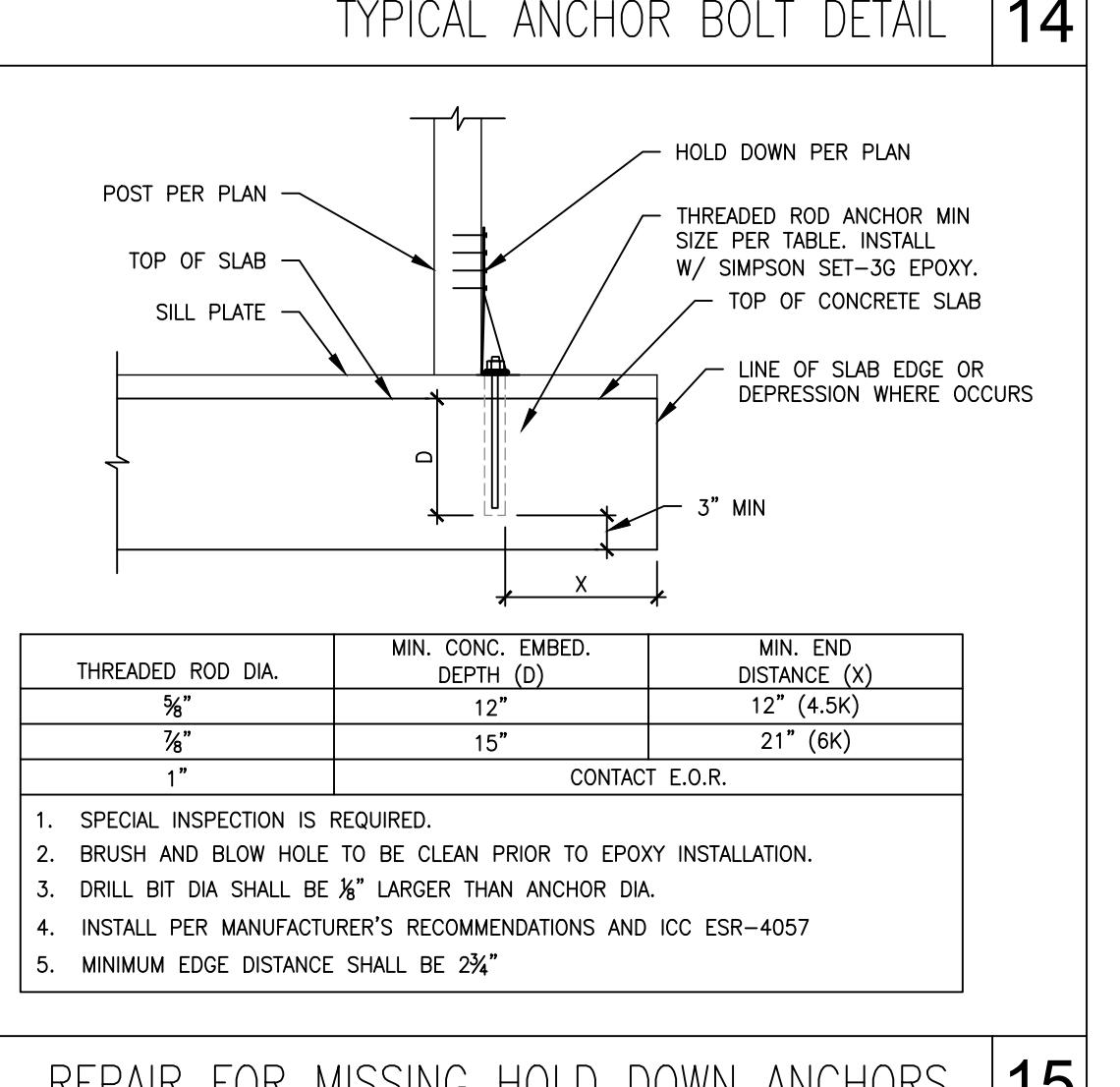
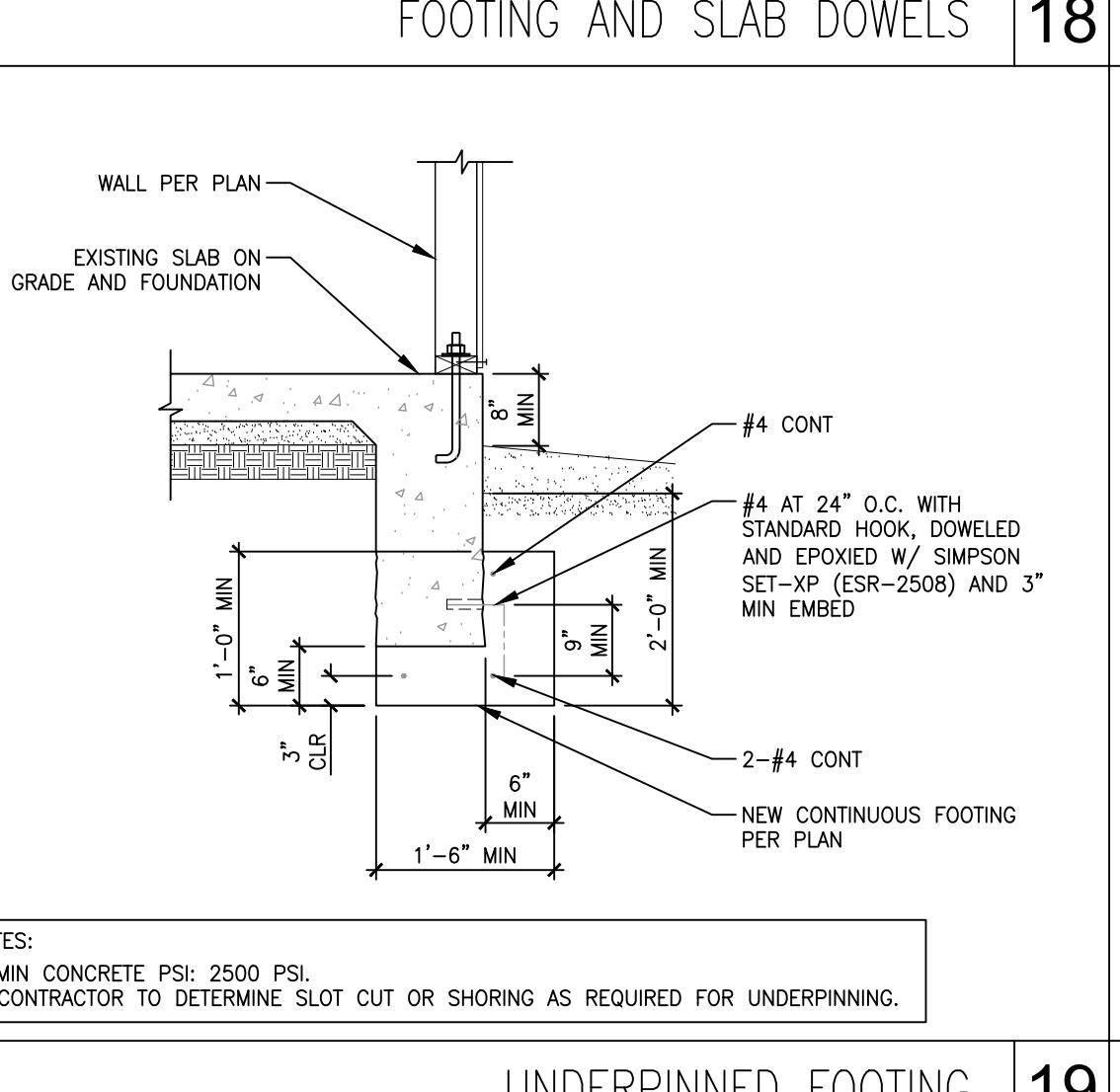
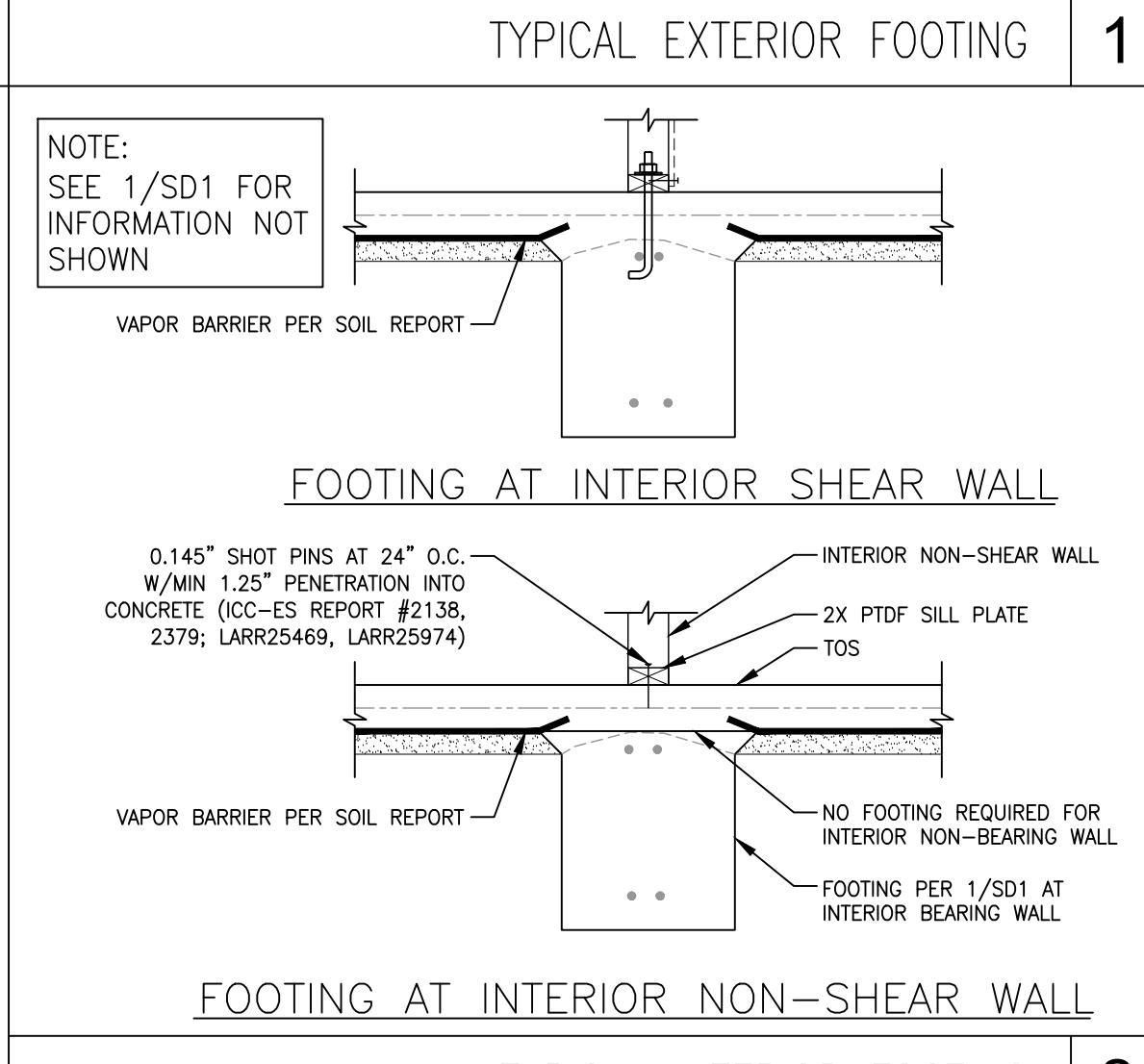
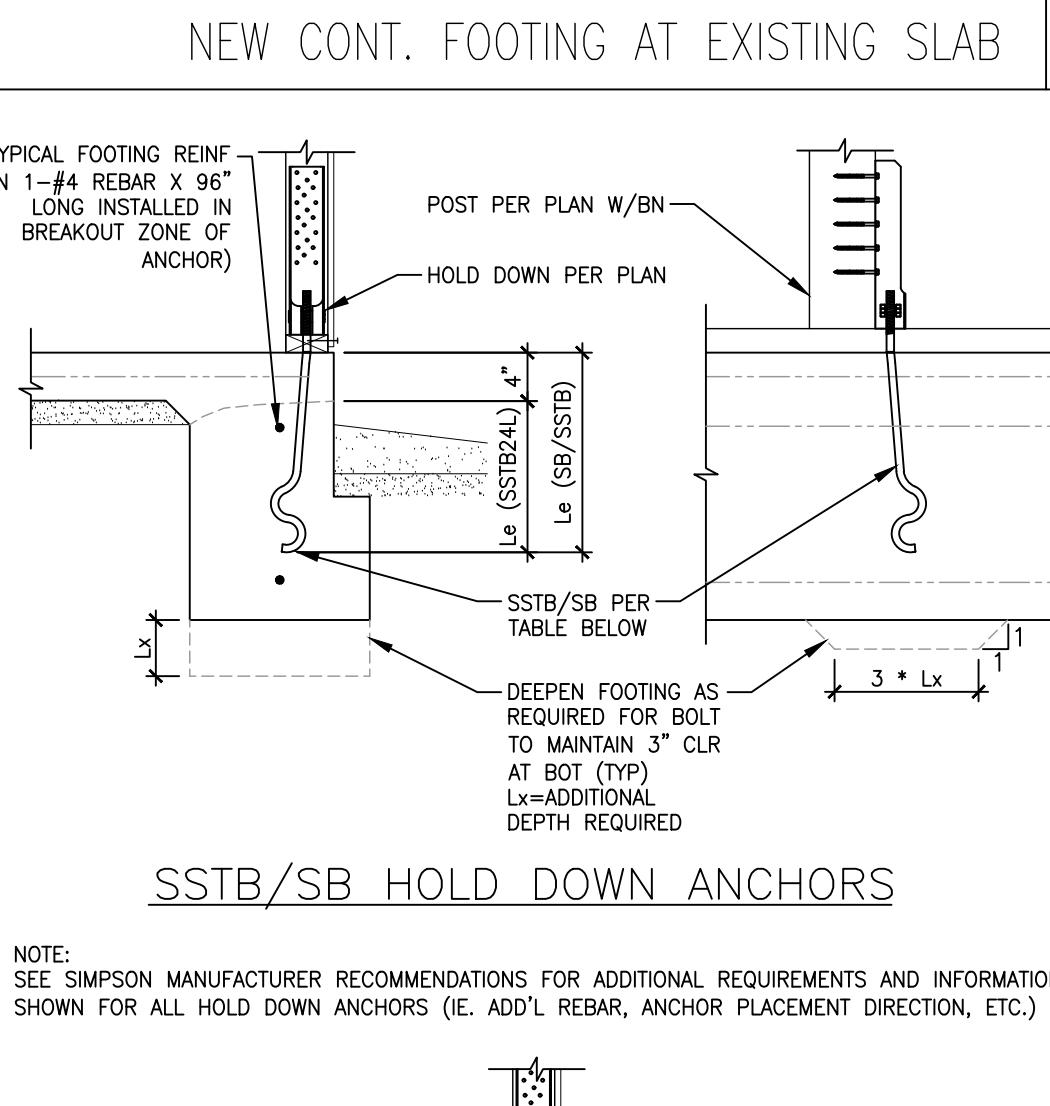
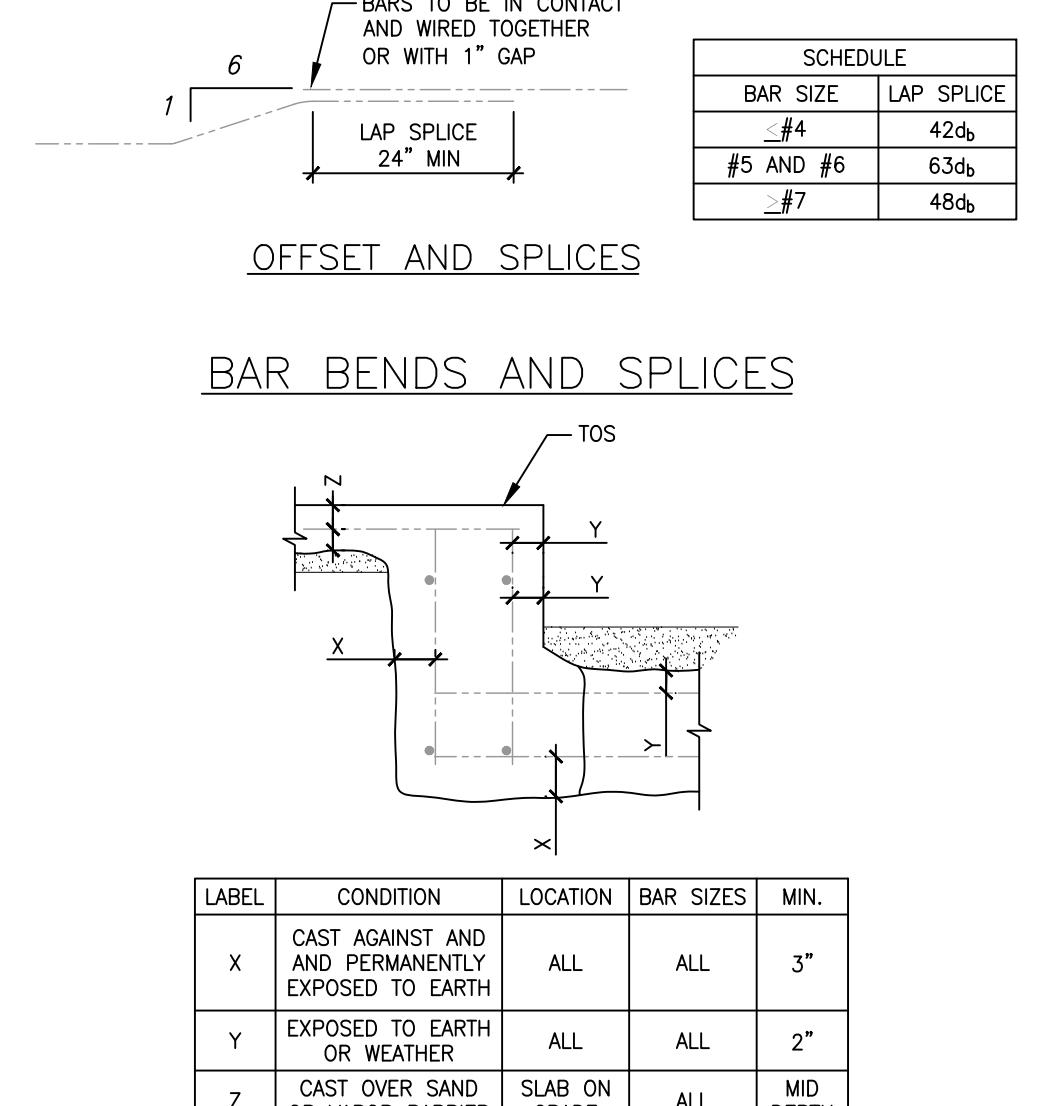
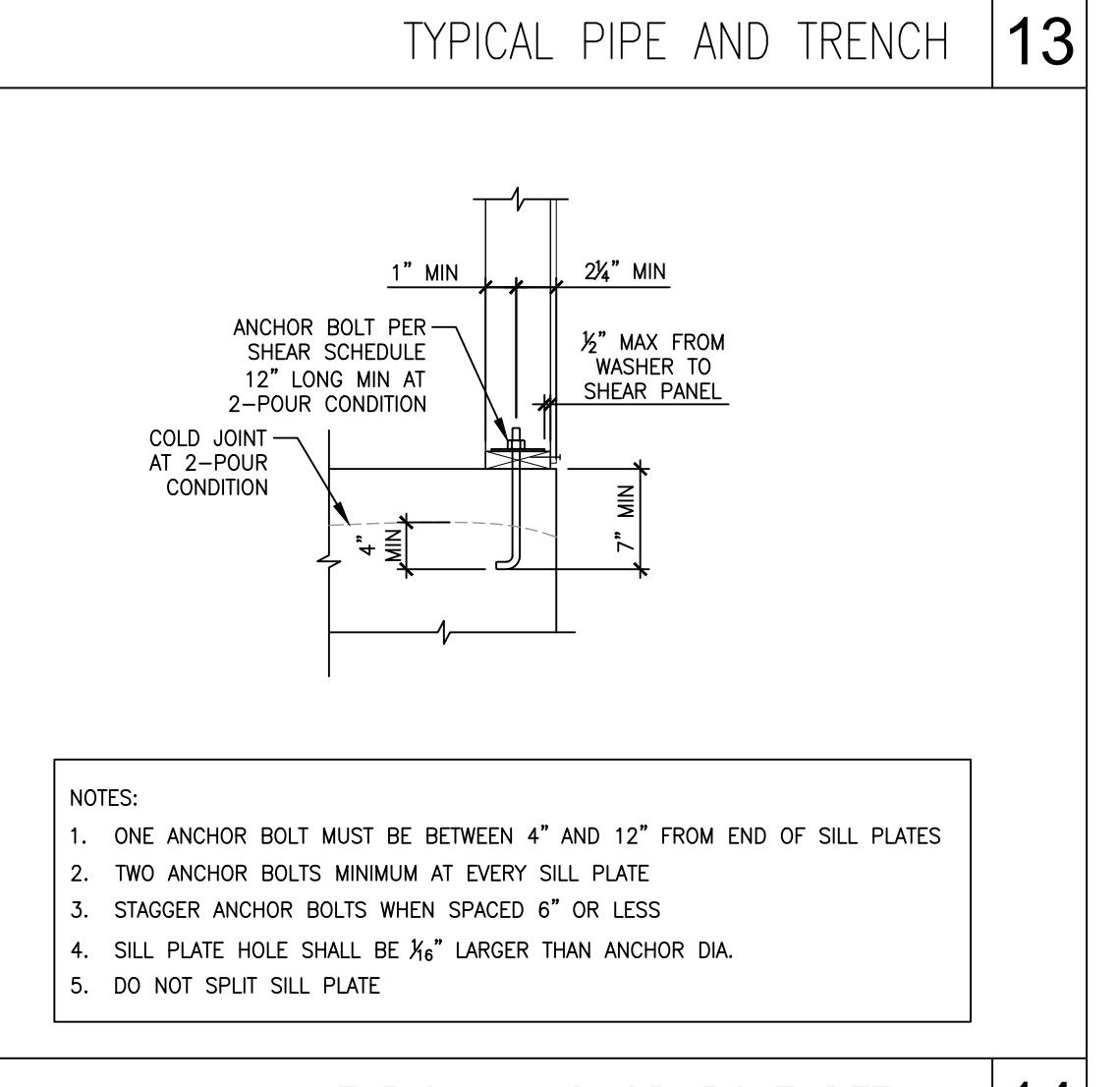
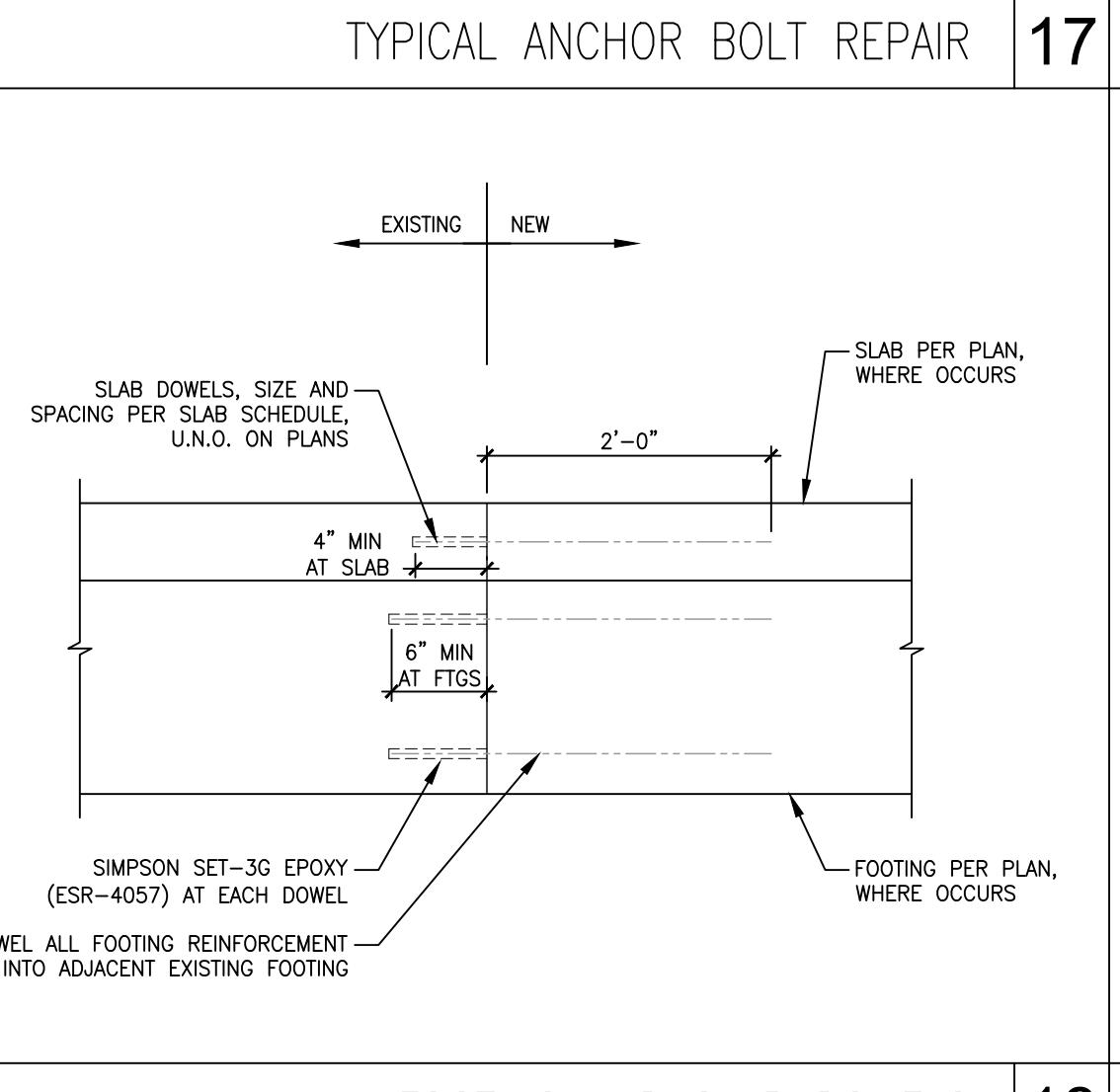
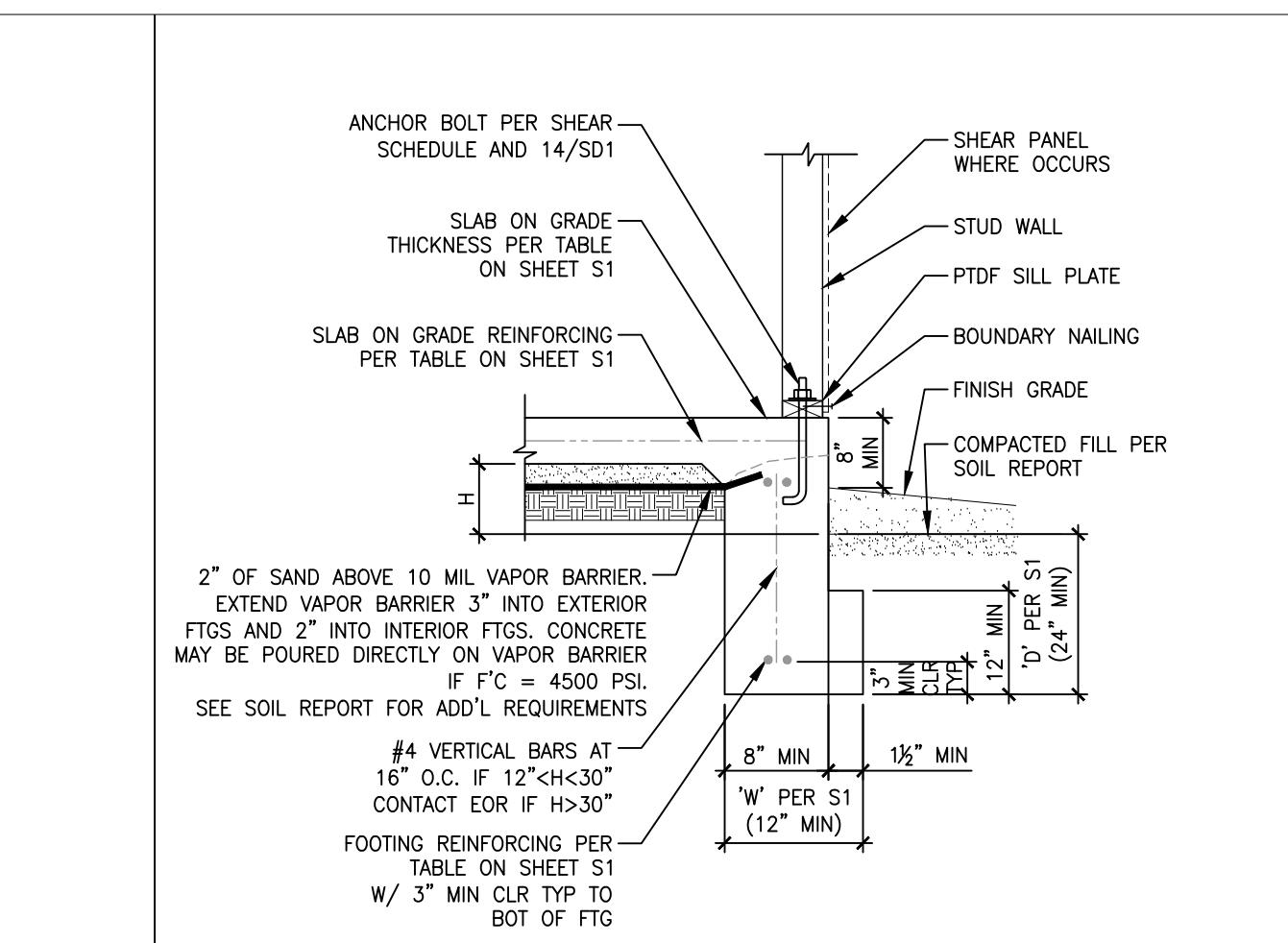
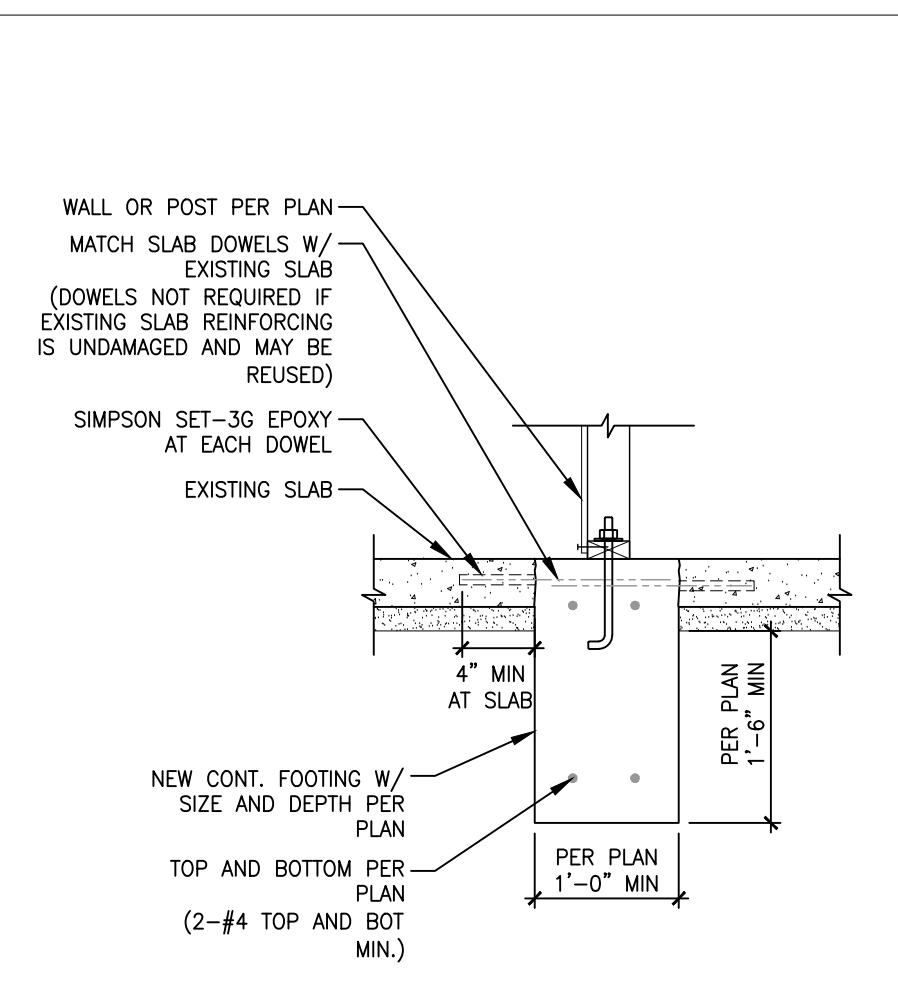
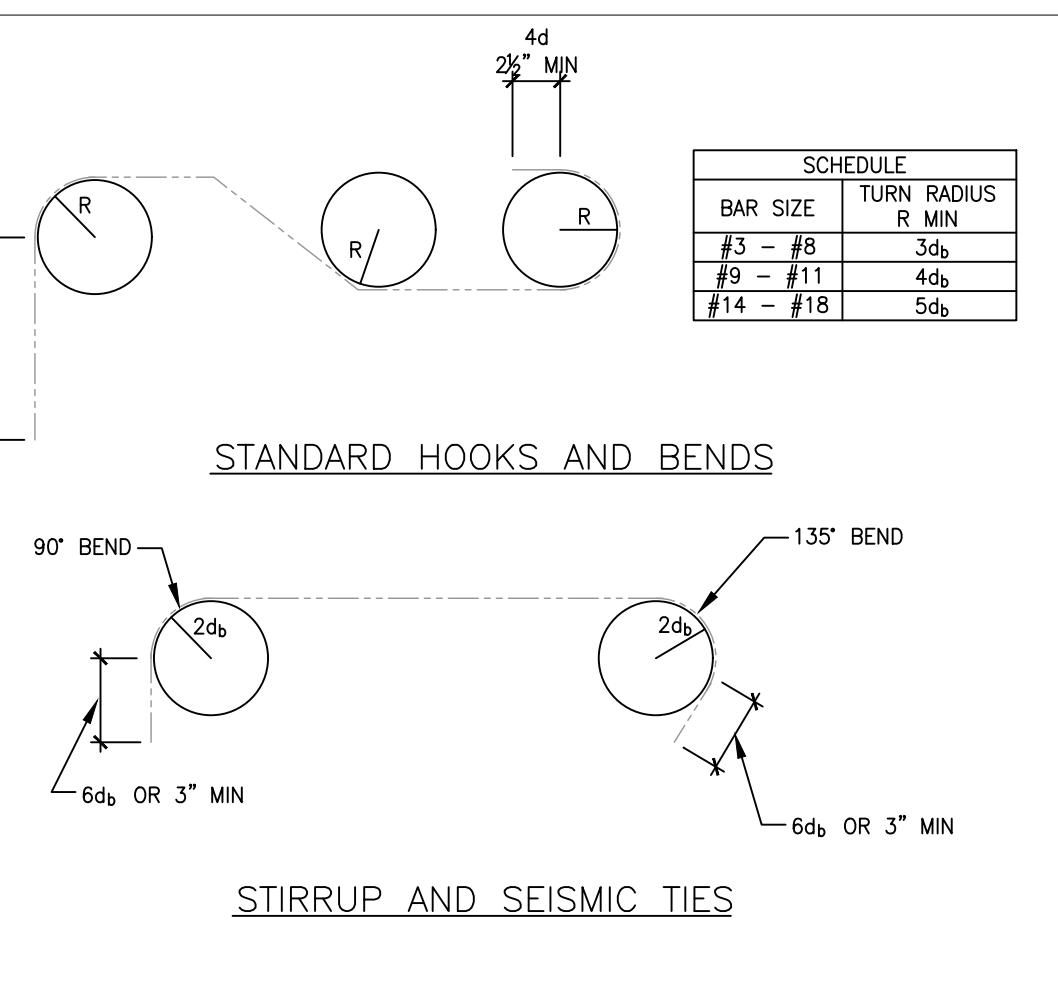
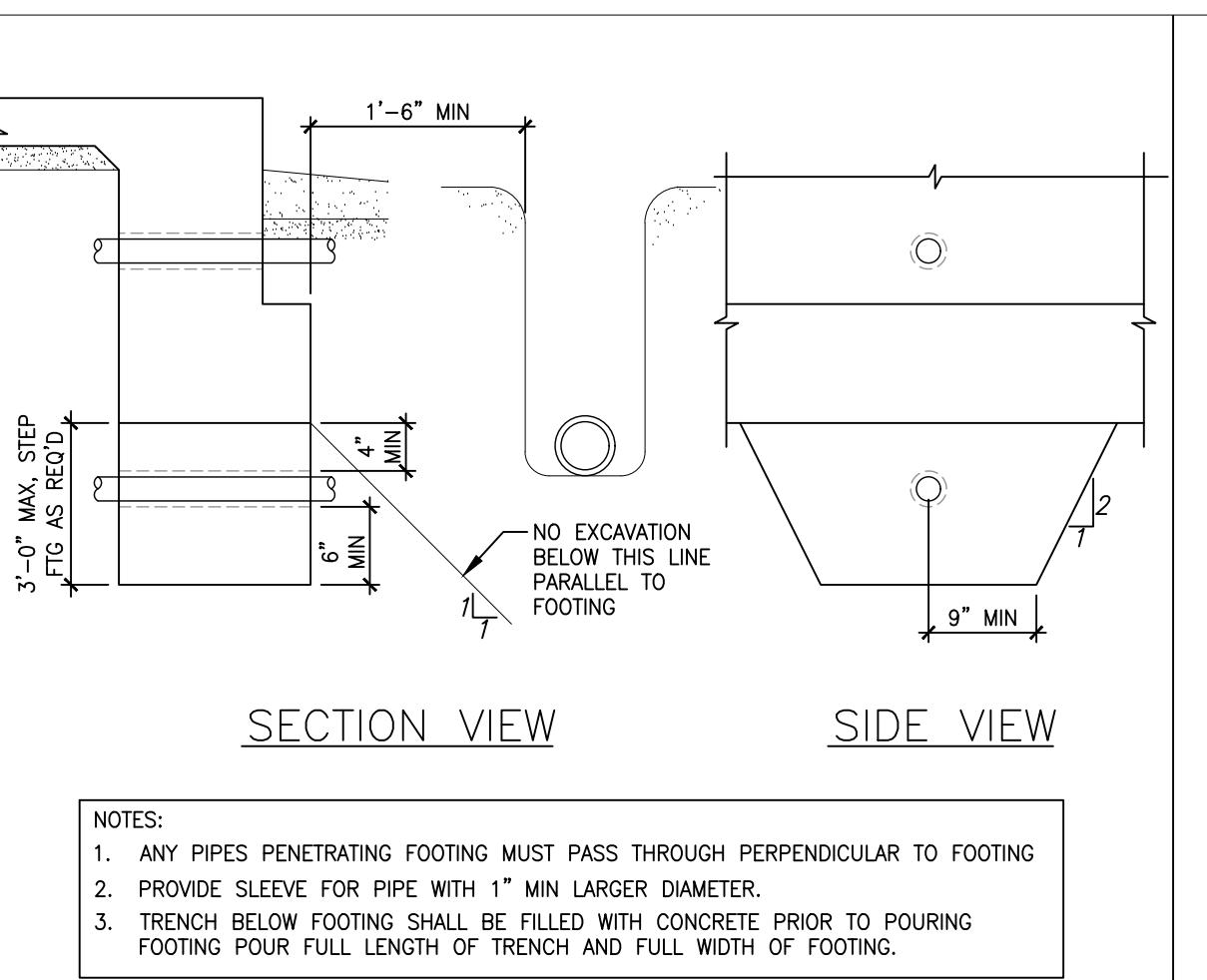
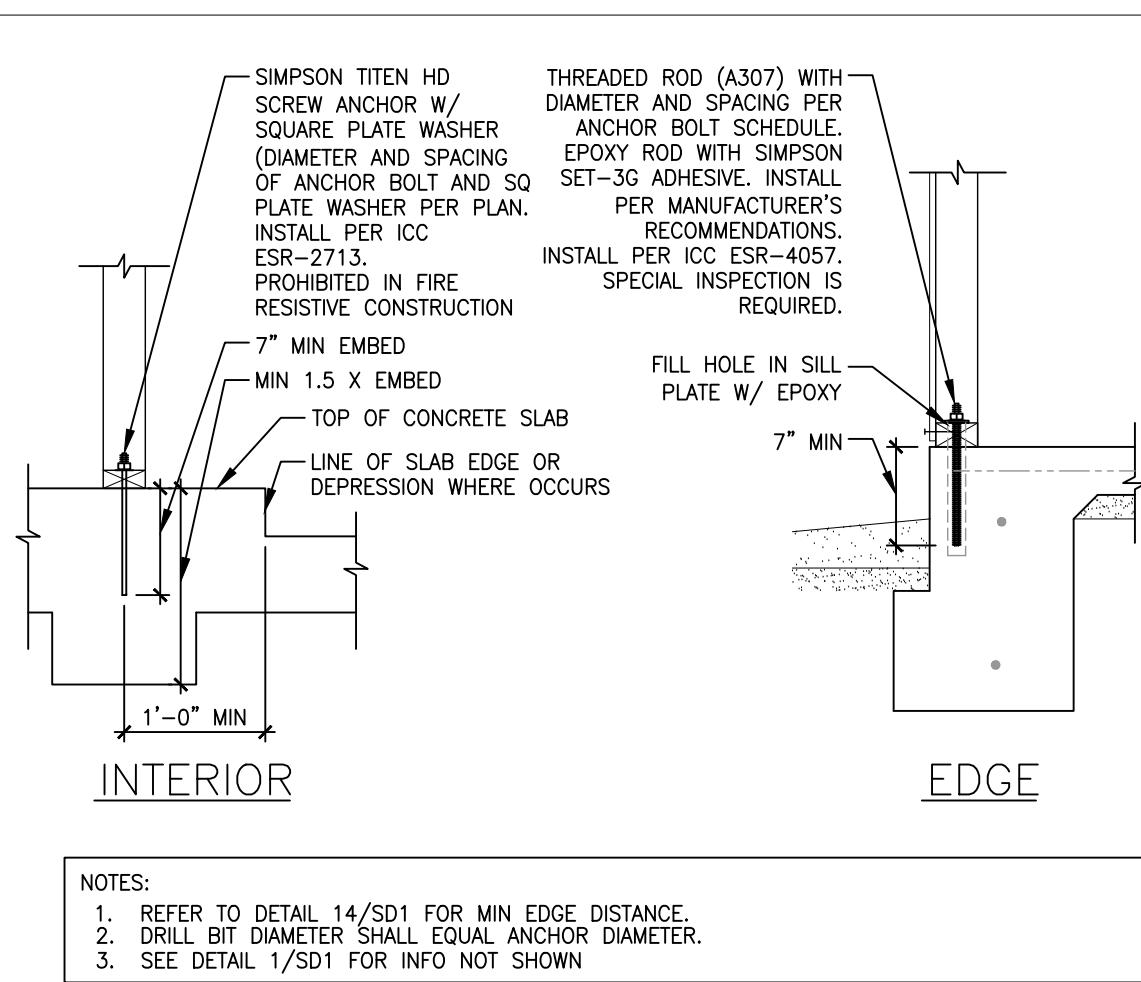


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ENGINEER: AH
DRAFTER: AH
ORIGINAL ISSUE: 06/10/2025

S2

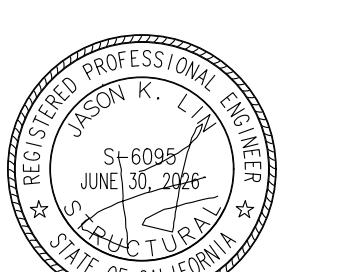
ROOF FRAMING PLAN

SCALE: 1/4"=1'

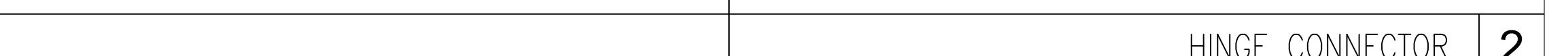
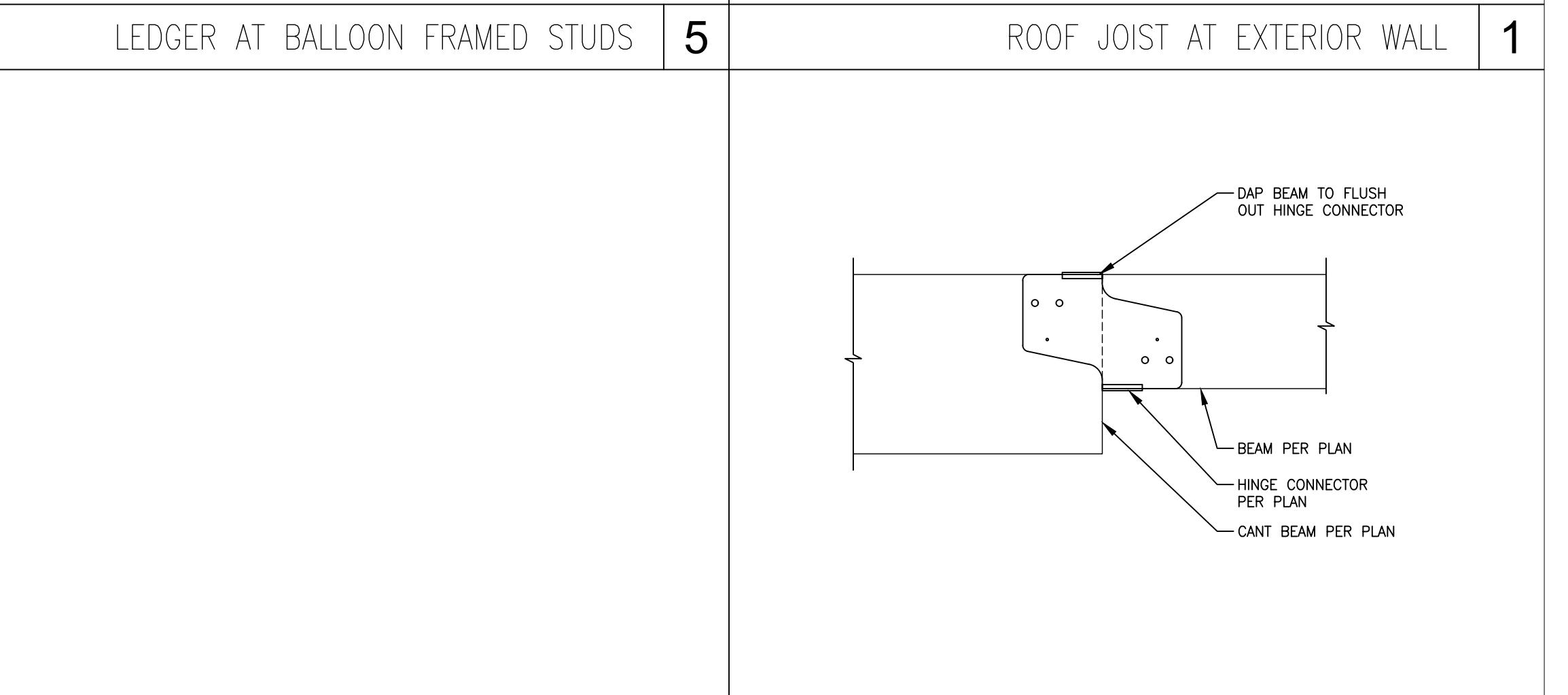
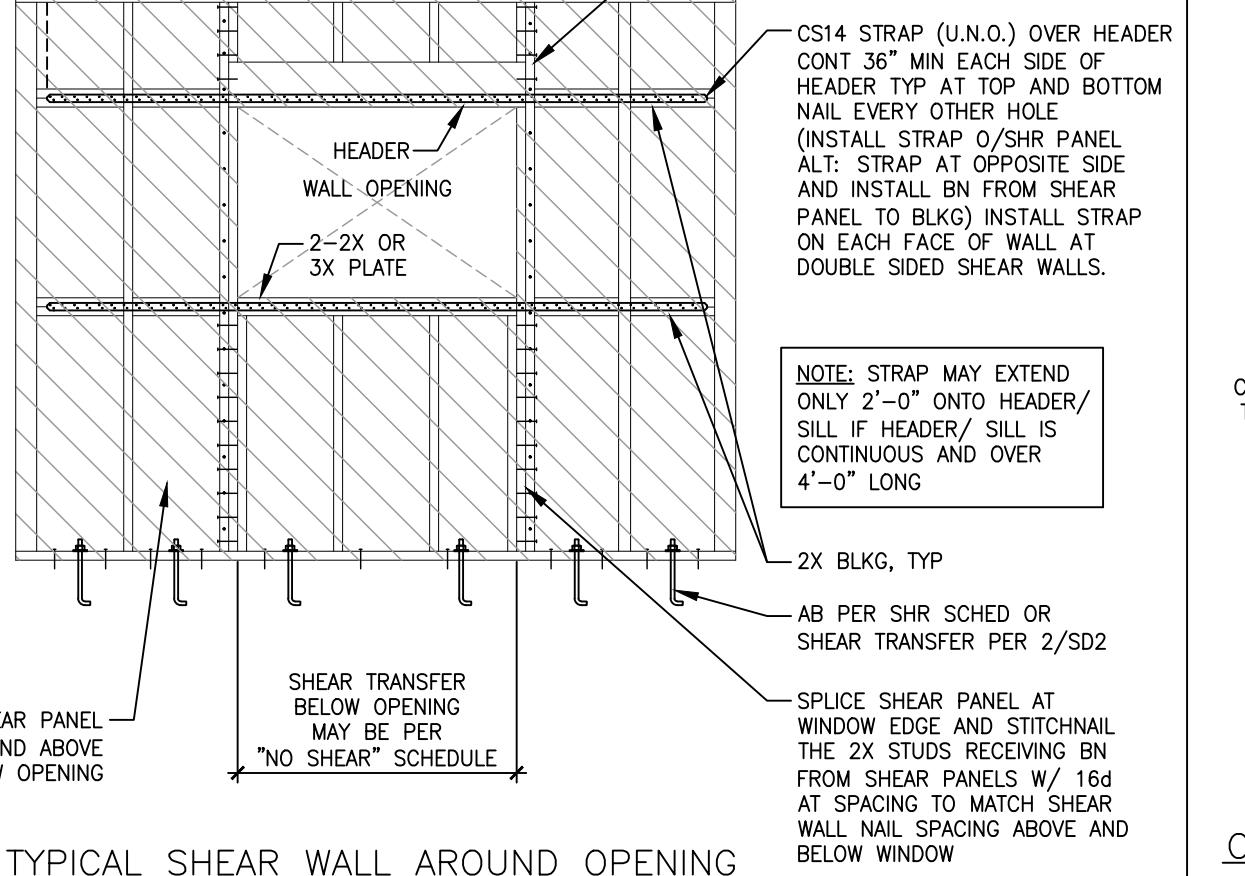
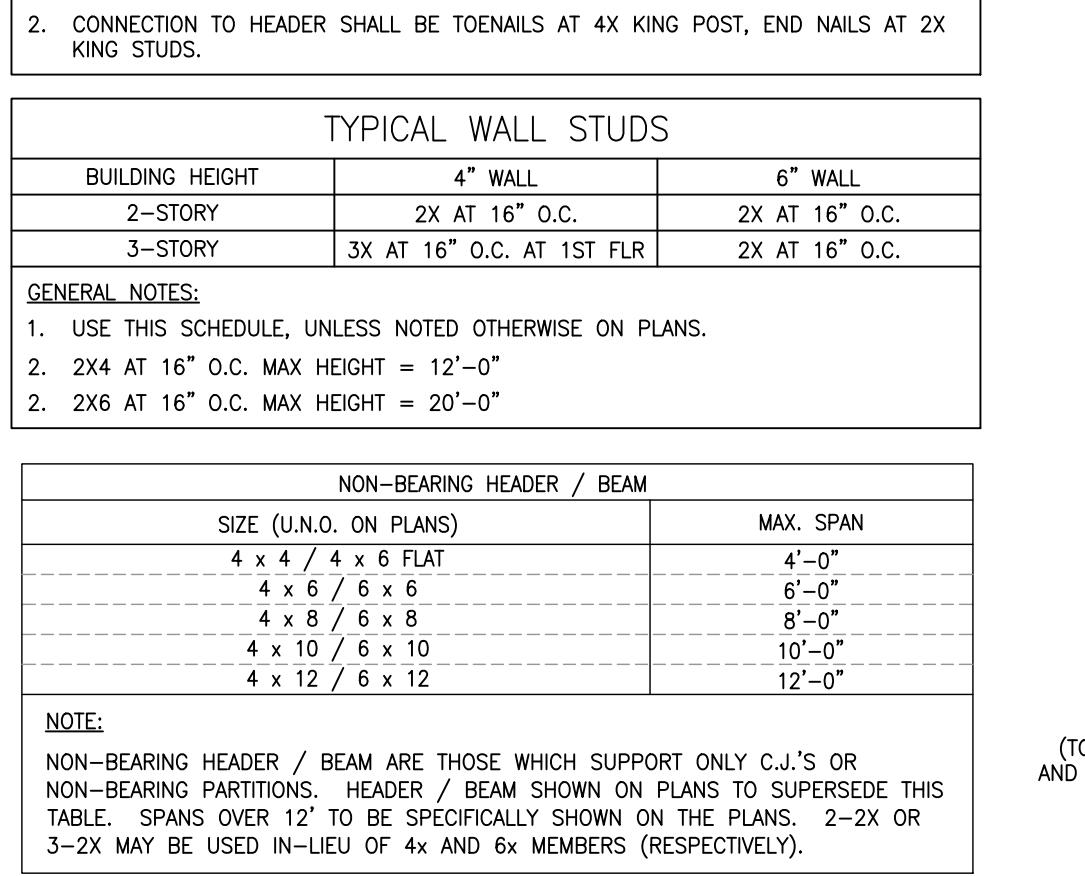
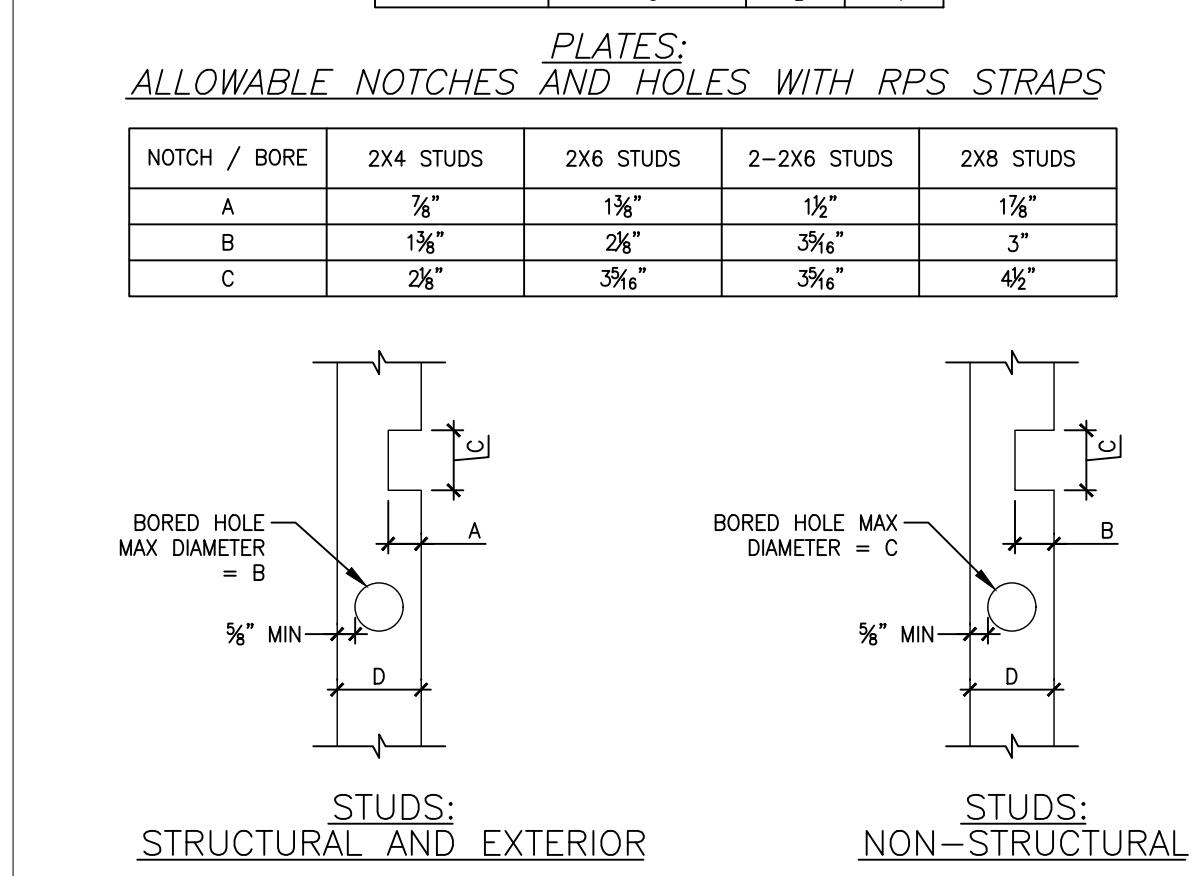
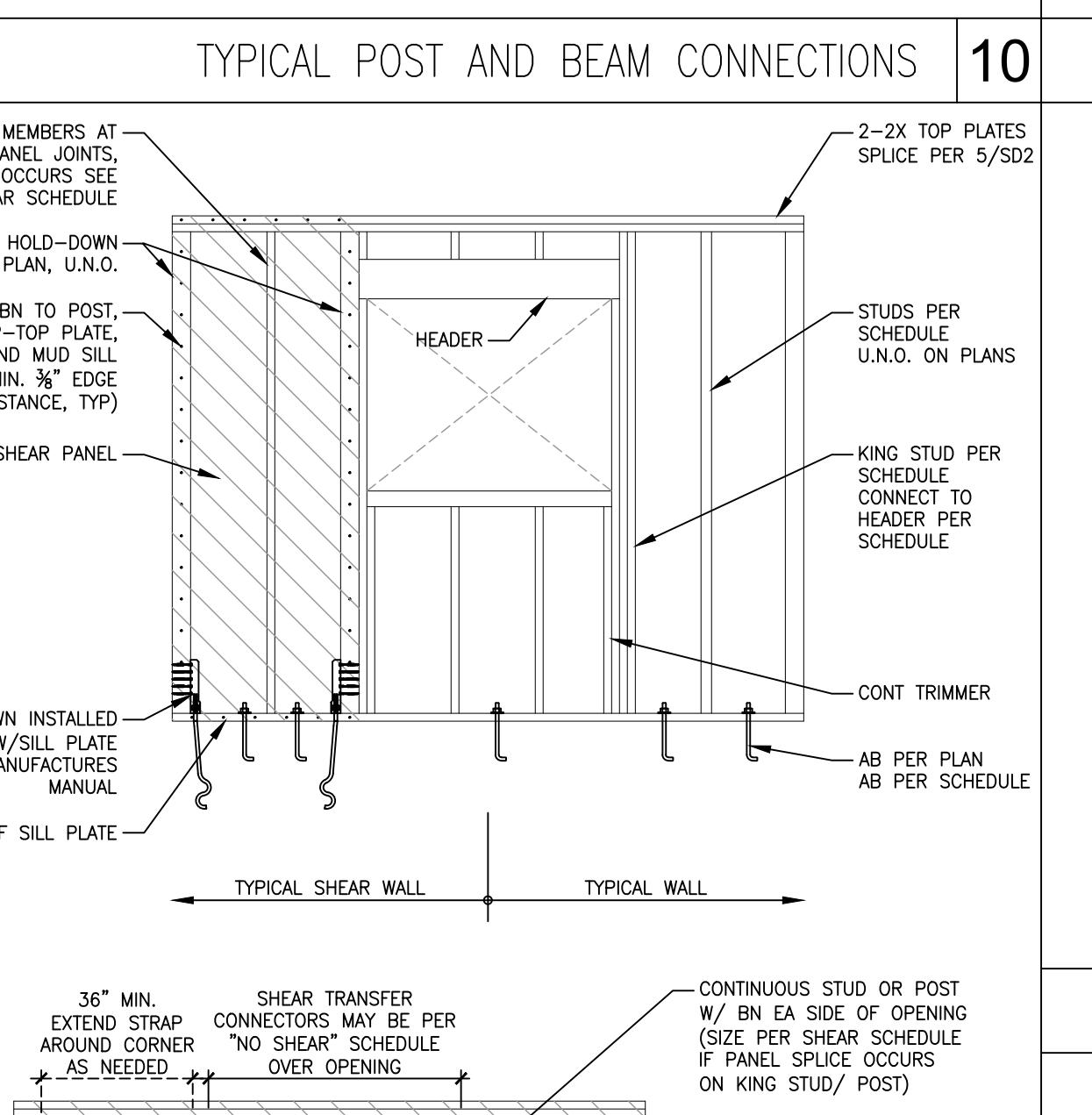
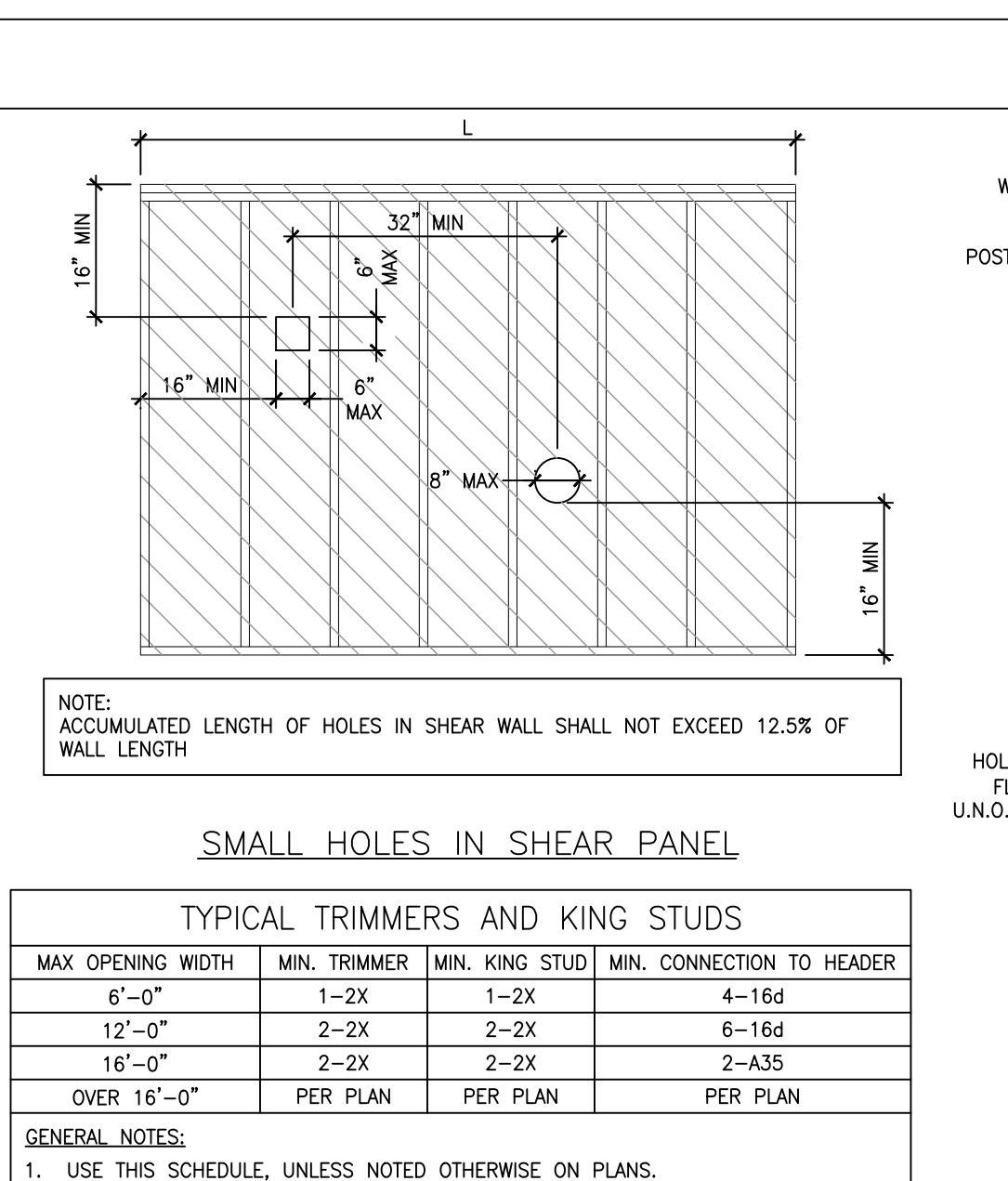
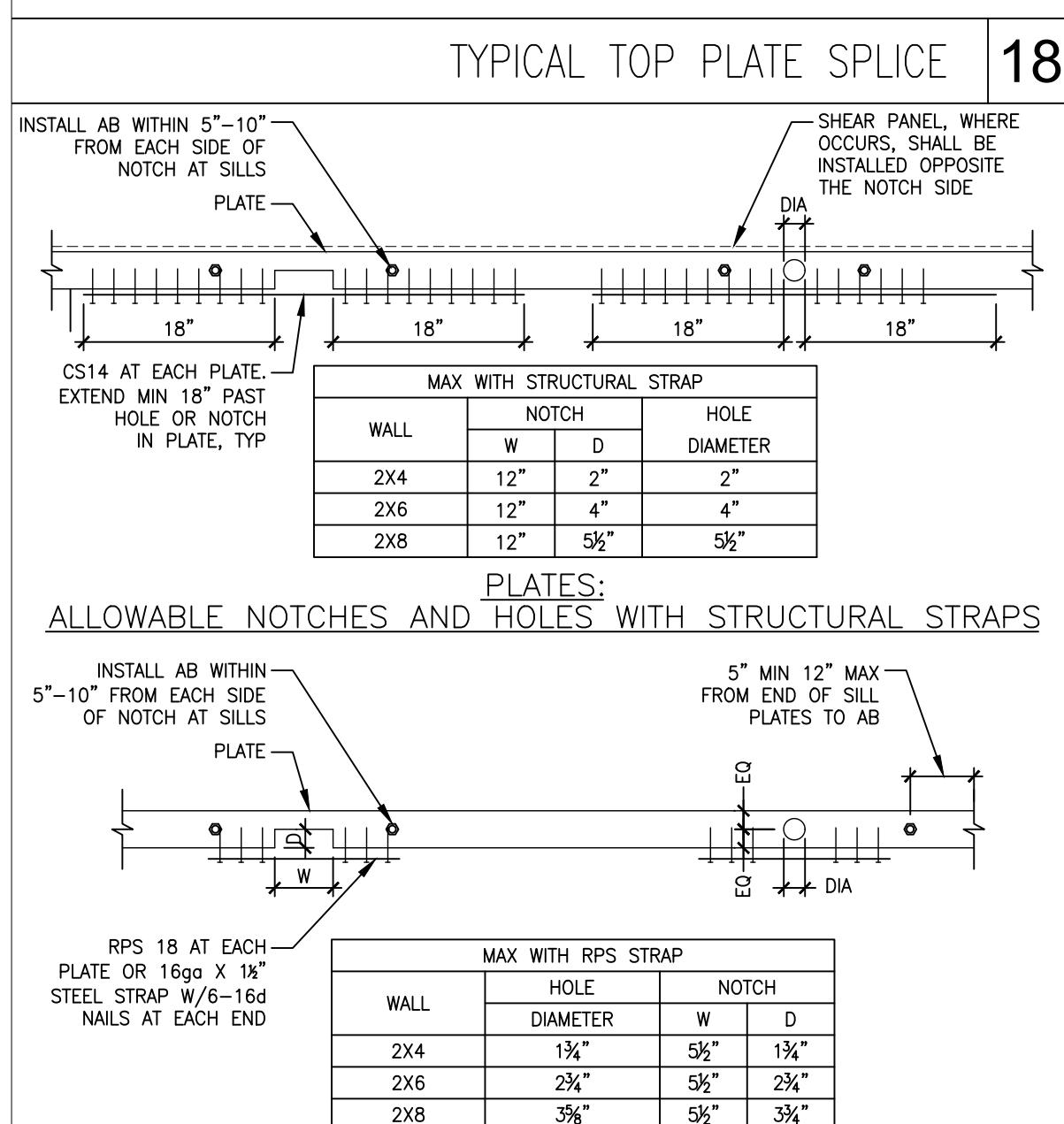
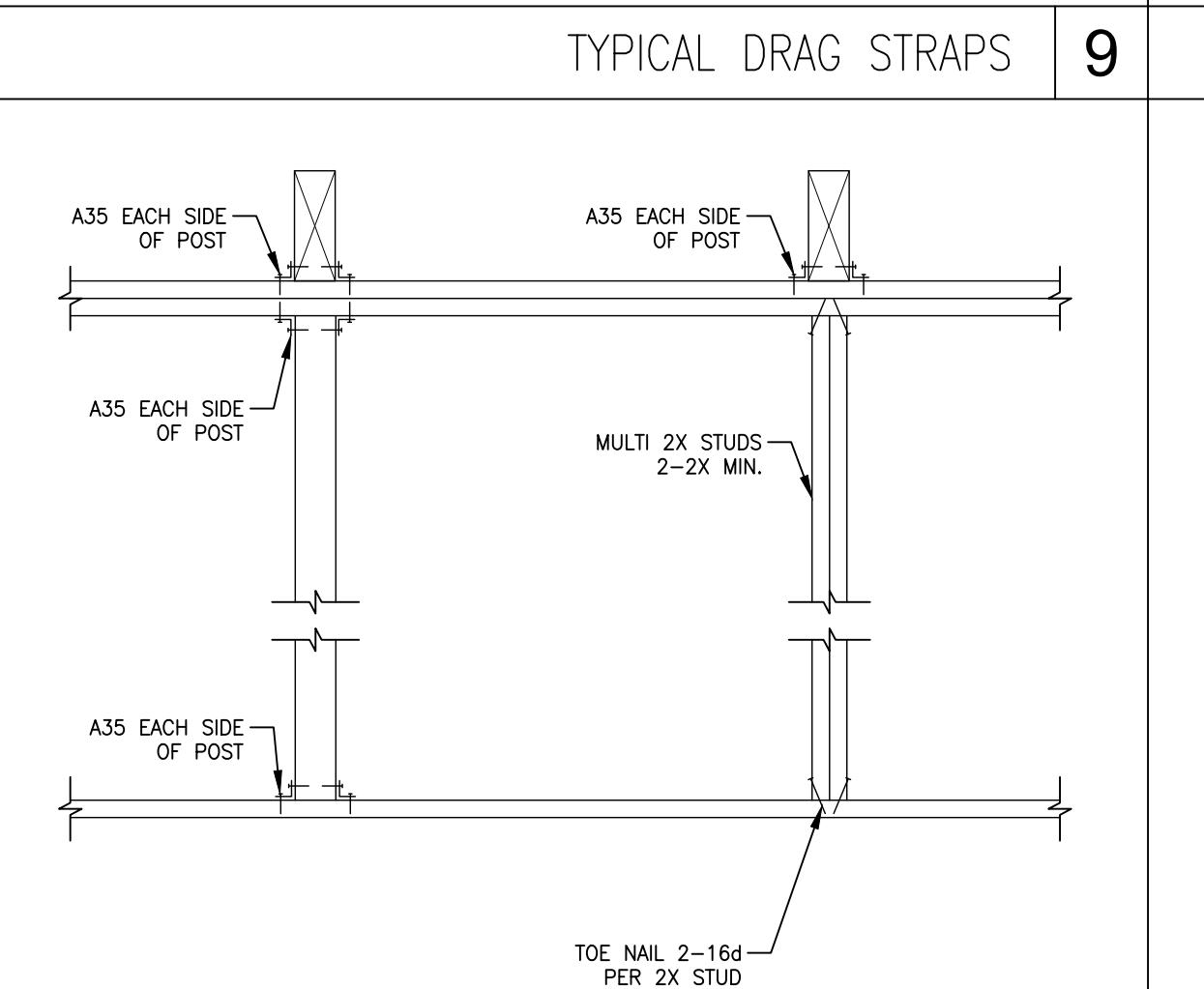
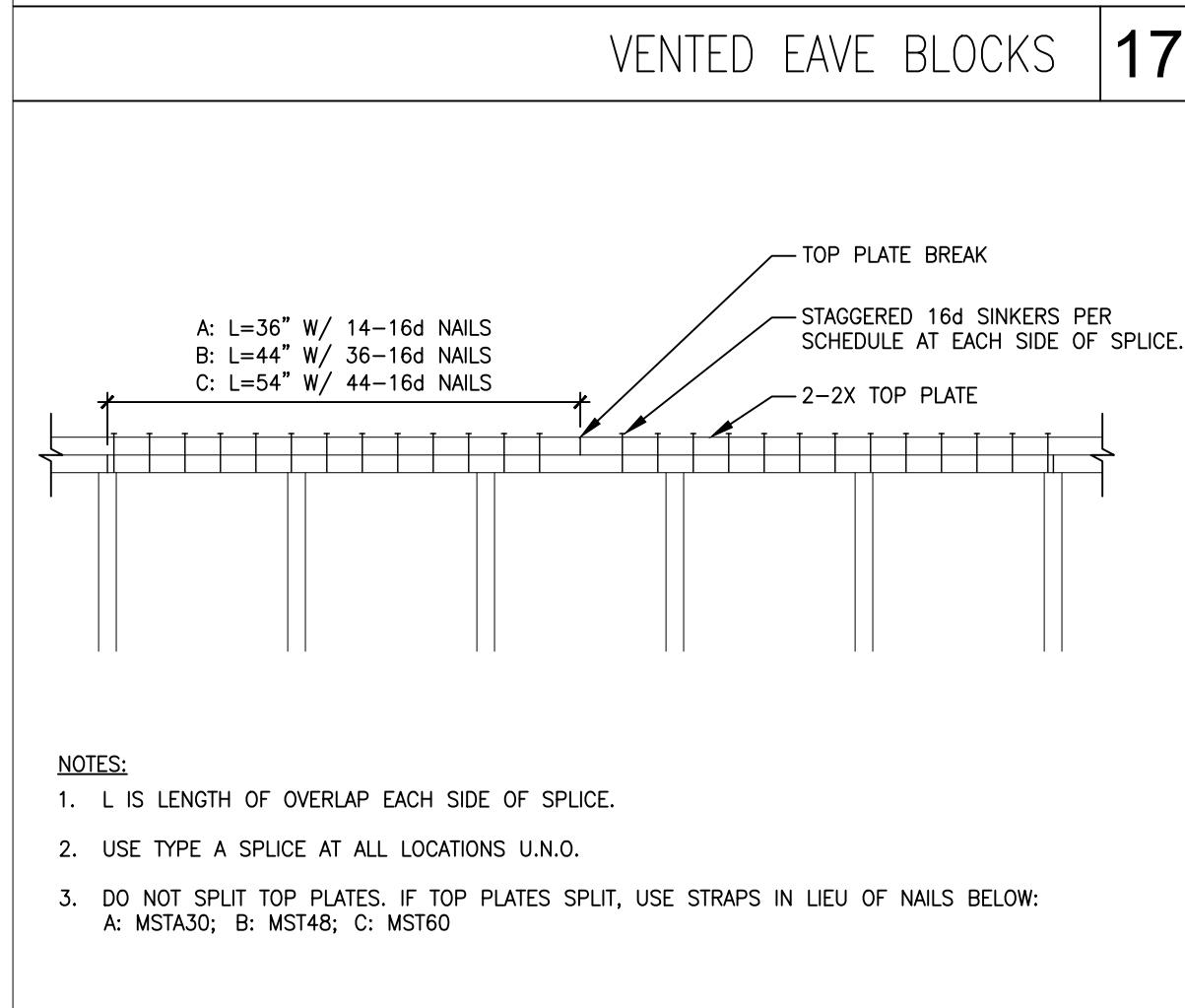
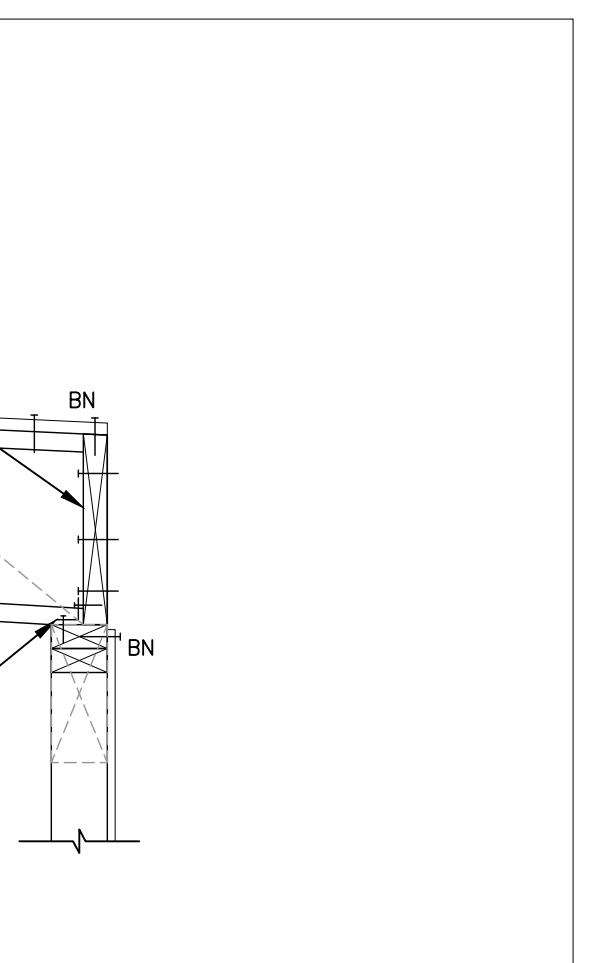
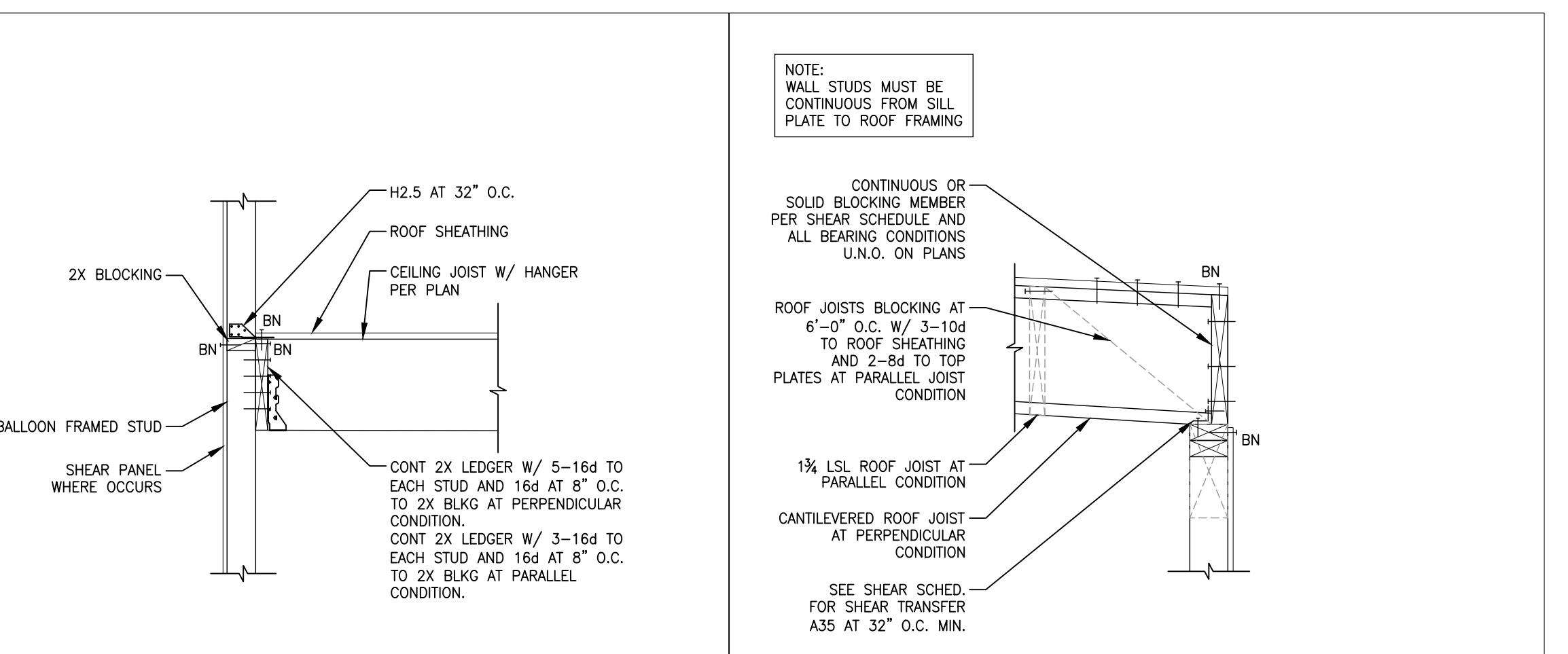
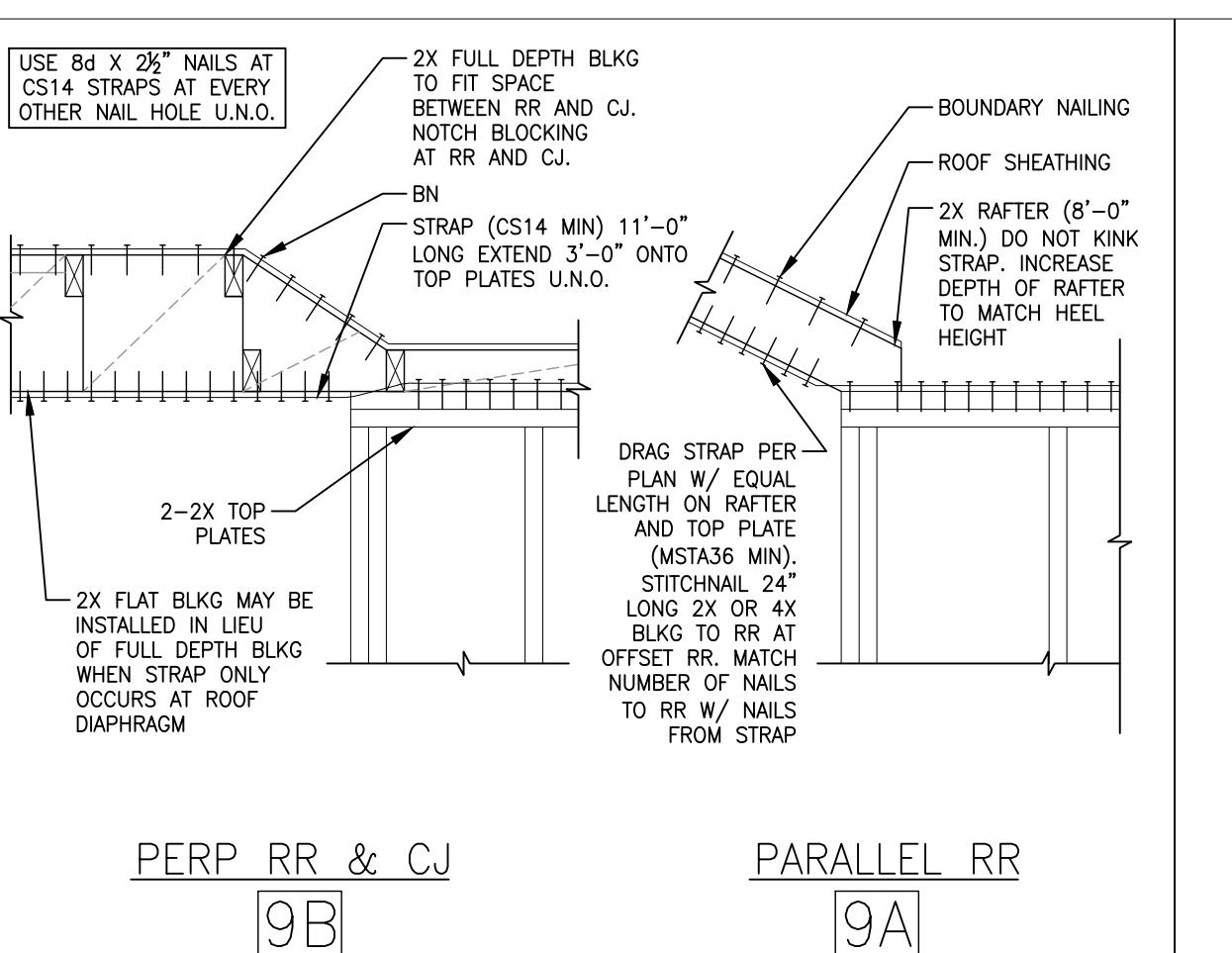
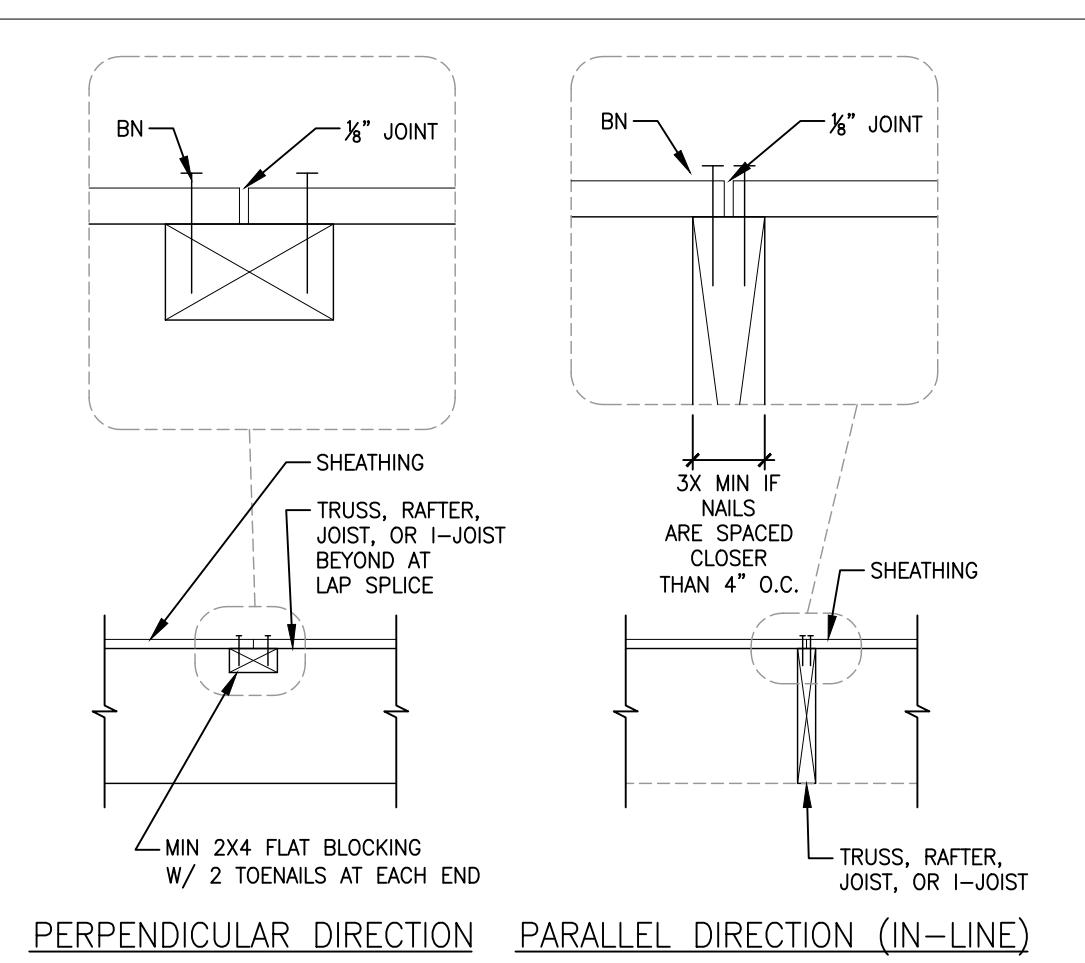
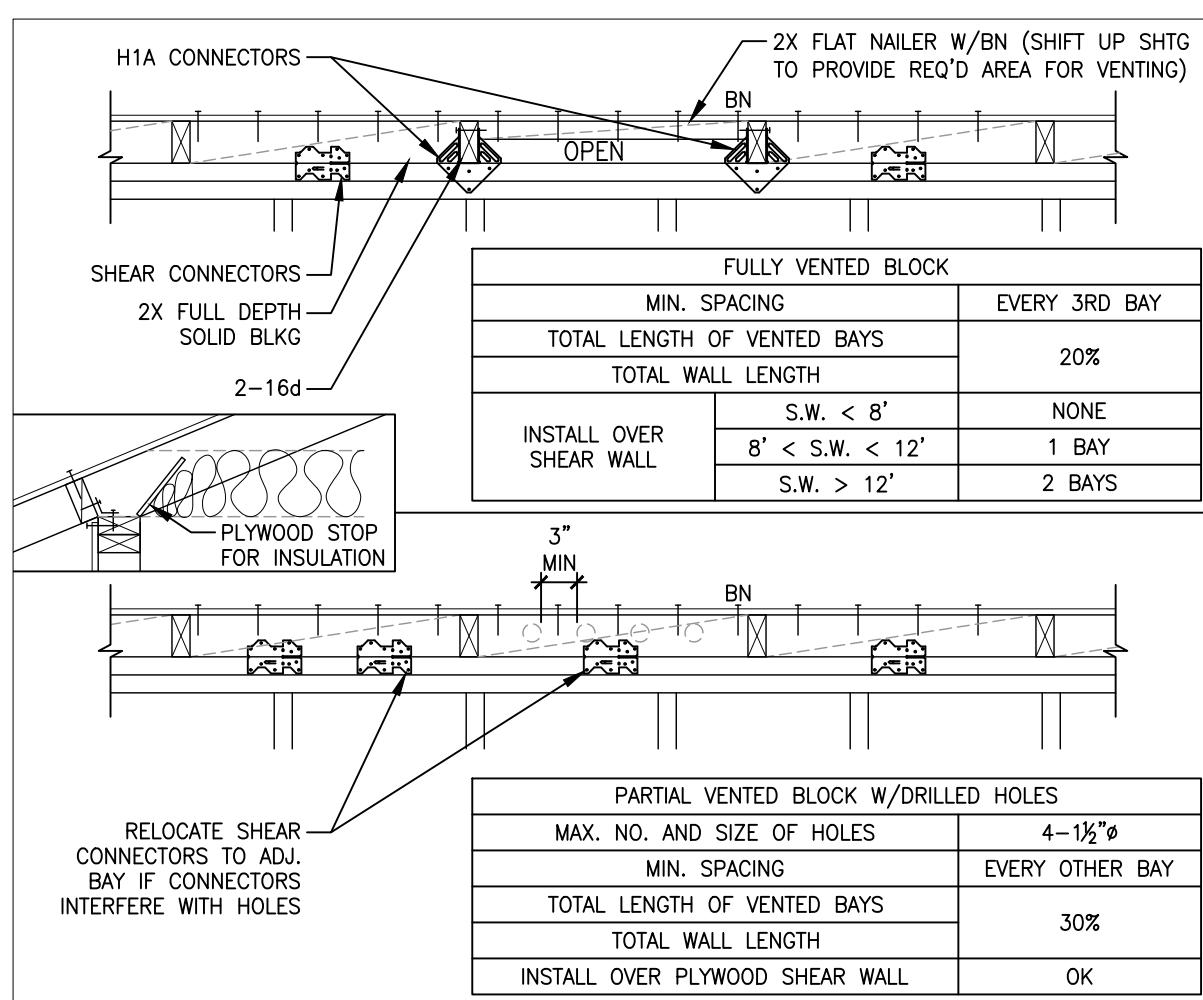


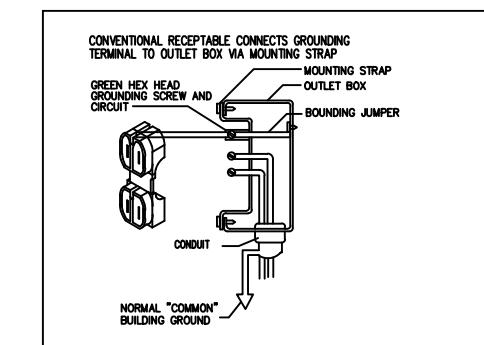
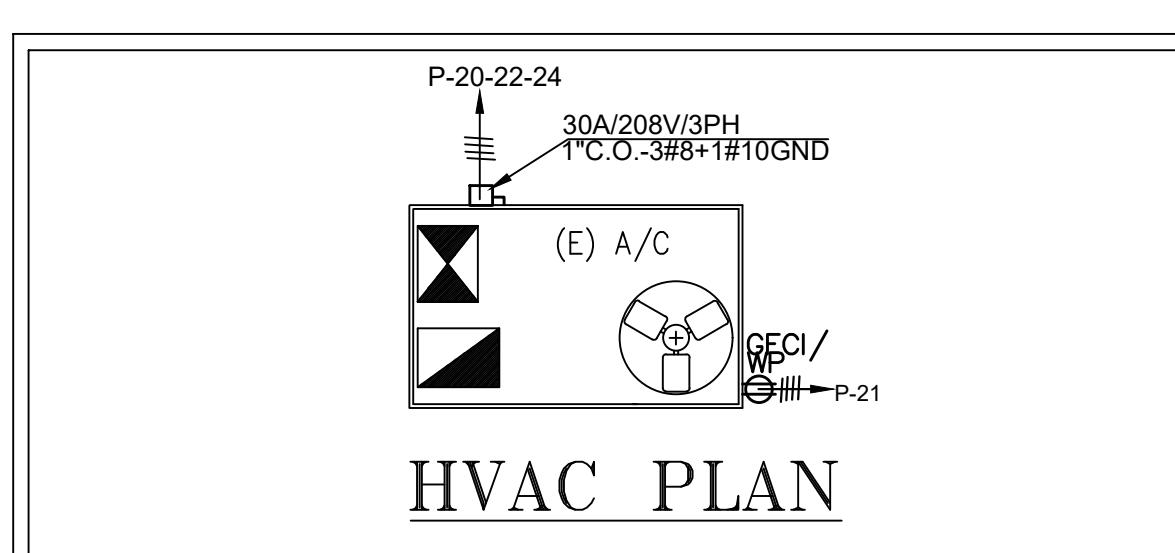
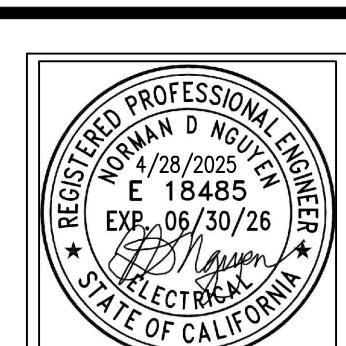
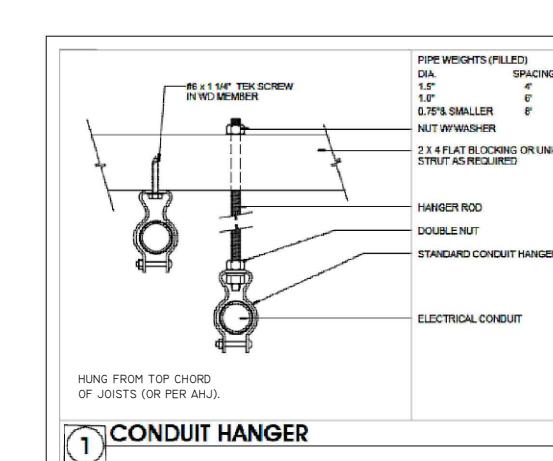
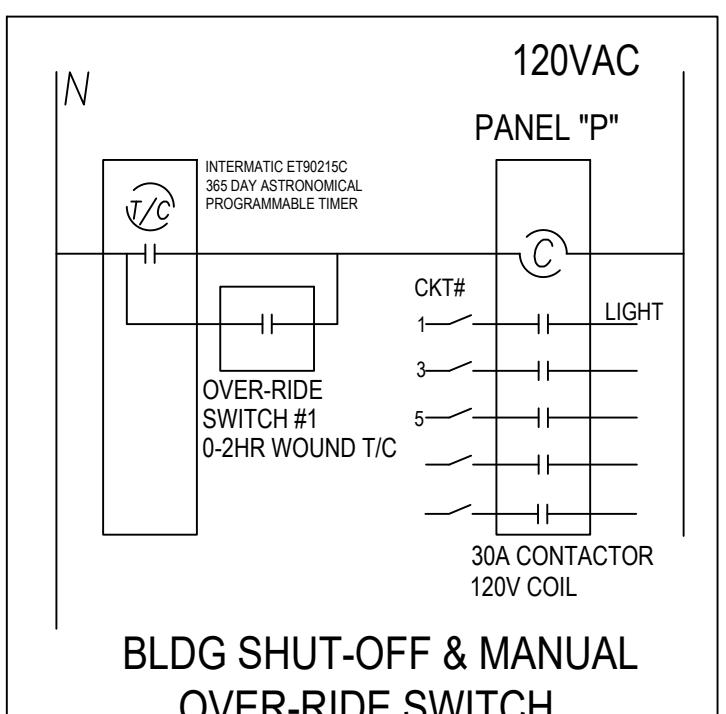
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DRAFTER: AH
ORIGINAL ISSUE: 06/10/2025

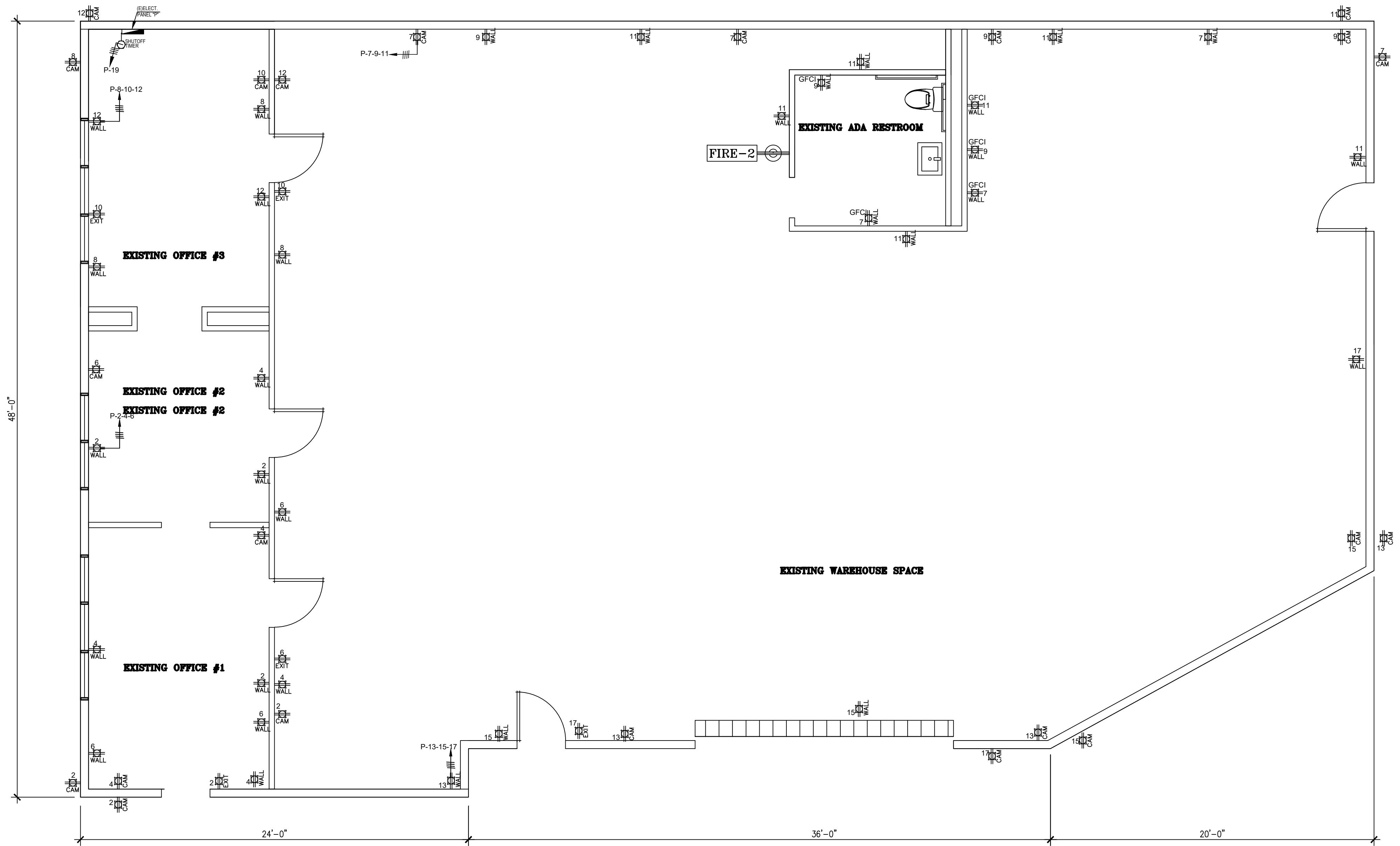
SD1


 JOB NUMBER: 25008
 ENGINEER: AH
 DRAFTER: AH
 ORIGINAL ISSUE: 06/10/2025

SD2



| | | | |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GENERAL NOTES | INDEX OF SHEET | SINGLE LINE DIAGRAM | WAREHOUSE 2710 DURAHART STREET RIVERSIDE, CA. 92507 |
| | E-1 SCOPE OF WORK, GENERAL NOTES, SINGLE LINE DIAGRAM E-2 POWER PLAN E-3 PANEL SCHEDULES E-4 LIGHTING PLAN E-5 TITLE 24 COMPLIANCE FORMS | | |
| SCOPE OF WORK | SCOPE INCLUDES TENANT IMPROVEMENT FOR AN EXISTING WAREHOUSE. NEW LIGHTS, RECEPTACLES, AND EQUIPMENT ARE INSTALLED FOR THIS PROJECT. T-24 FORMS ARE ALSO INCLUDED TO SHOW ENERGY SAVING COMPLIANCE. TOTAL Affected AREA IS 3,880 SQ. FT. | | |
| PANEL GENERAL NOTES | PANEL ENCLOSURE TYPE: TYPE II – GENERAL PURPOSE, INDOOR SHALL BE USED IN THIS PROJECT TO PROVIDE A DEGREE OF PROTECTION AGAINST HUMAN CONTACT WITH ELECTRICALLY-CHARGED, LIVE PARTS AND AGAINST INGRESS OF SOLID FOREIGN OBJECTS SUCH AS FALLING DIRT. PANEL WORKING CLEARANCES: ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRICAL EQUIPMENT TO PERMIT READY AND SAFE OPERATION AND MAINTENANCE. FOR THIS PROJECT, THE MINIMUM CLEAR DISTANCE IS 3 FEET. | | |
| LIGHTING FIXTURES NOTE | 1. REFER TO THE LATEST ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHTING FIXTURE LOCATIONS. 2. CONFIRM WITH LIGHTING FIXTURE SPECIFICATIONS PRIOR TO ANY ORDER. NO EXCEPTION. 3. ALL EQUIPMENTS MUST BE U.L. LISTED. NO EXCEPTION. 4. WHEN LIGHTING FIXTURES ARE INSTALLED IN FIRE RATED CEILINGS OR WALLS, AN APPROVED FIRE RESISTANCE MANNER CONSISTENT WITH FIRE RATING OF CEILING OR WALLS MUST BE PROVIDED. NO EXCEPTION. 5. AUTO-RESETTING THERMAL PROTECTION MUST BE PROVIDED WHEREAS RECESSED INCANDESCENT LIGHTING FIXTURES ARE INSTALLED IN GYPSUM BOARD CEILINGS. 6. LIGHTING STANDARDS REQUIRE A SEPARATE PERMIT. ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS AS WELL. NO EXCEPTION. 7. PROVIDE U.L. LISTED THERMAL BARRIER WHEREAS LIGHTING FIXTURES IN CONTACT WITH INSULATION, OR PROVIDE 3 FEET MINIMUM CLEARANCE. | CONDUITS NOTE | SINGLE LINE DIAGRAM NOTES 1. MAIN SERVICE WILL NOT BE ENERGIZED PRIOR TO THE BUILDING INSPECTOR'S RECEIPT OF A THIRD PARTY "TRL" TESTING LABORATORY PERFORMANCE TEST CERTIFICATION FOR THE SERVICE GROUND FAULT PROTECTION. 2. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT. 3. ALL CONDUCTORS SHALL BE COPPER AS FOLLOWS: <ul style="list-style-type: none">• #12 AWG AND SMALLER – SOLID, THHN, OR THWN• #10 AWG AND LARGER – STRANDED, THHN, THWN, OR XHHW ALL CONDUCTORS SIZES ARE BASED ON 75 DEG. C TEMPERATURE RATING 4. CLEARLY LABEL MAIN ELECTRICAL SERVICE DISCONNECT(S) PER NEC. 5. PROVIDE ARC FLASH LABELING AS REQUIRED PER NEC 110.16. |
| NORMAL GROUND RECEPTACLE |  | BRANCH CIRCUIT WIRING #12 COPPER. ALL WIRING SHALL BE LISTED, RATED FOR 600 VOLTS, TYPE THHN/THWN INSULATION AS NOTE OR SYMBOLIZED — ½" C-2 #12 — ½" C-6 #12 — ½" C-3 #12 — ½" C-7 #12 — ½" C-4 #12 — ½" C-8 #12 — ½" C-5 #12 | HVAC SCHEDULE  |
| INDUSTRY-STANDARDS | CONDUIT SUPPORT | TIME CLOCK DIAGRAM | APN# 2101-5000-23  CONSULTANT: Sheet Title: SCOPE OF WORK/ GENERAL NOTES/ SINGLE LINE DIAGRAM No. Revisions Date Date Started 01/06/25 Drawn Sean Leung Checked James Leung Date Print Date Submitted Project No. ACE-101-25 Sheet No. E-1 |
| THE FOLLOWING IS A LIST OF ABBREVIATIONS USED IN THE ELECTRICAL NOTES AND SPECIFICATIONS. |  |  | |

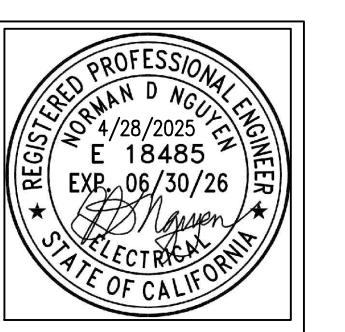


LEGEND & SYMBOLS

| | | | |
|-----------|-----------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|
| T— | TELEPHONE CONDUIT 3/4" c, unless noted | | |
| → | HOME RUN | | |
| — | CONDUIT CONCEALED IN WALL OR CEILING, UNLESS NOTED | | |
| — — — | CONDUIT CONCEALED IN WALL, FLOOR UNDERGROUND OR UNDER FLOOR UNLESS NOTED | | |
| ----- | 2 # 12, 1/2" C | —#—#—#—#— | 6#12, 1"C |
| ### | 3#12, 1/2"C | —#—#—#—#— | 7#12, 1"C |
| —#—#—#—#— | 5 # 12, 3/4"C | —#—#—#—#— | 8#12, 1"C |
| 2 | ROOM NUMBER | | |
| W/P | WEATHER PROOF | | |
| J-BOX | 4s or AS NOTED | | |
| ○ | CONDUIT UP | | |
| ● | CONDUIT DOWN | | |
| V.L | VERIFY LOCATION | | |
| N.T.S | NOT TO SCALE | | |
| FL'R | WALL | CEIL | DESCRIPTION |
| | —○— | —○— | FLUORESCENT LIGHT FIXTURE |
| | —○— | | 2x4 DROP OR SURFACE MTD LIGHT FIXTURE |
| | —○— | ○ | EXIT SIGN WITH BATTERY BACK-UP |
| | S _a | | TOGGLE SWITCH MAX. 48" TOP OF BOX |
| | S _M | | MOTION SENSOR SWITCH MAX. 48" TOP OF BOX |
| | S _D | | DIMMER SWITCH MAX. 48" TOP OF BOX |
| R-1 | R-2 | R-3 | DUPLEX CONVENIENCE OUTLET MIN. 15" BOTTOM OF BOX |
| | | | ELECTRICAL PANEL |
| | ▼ | | TELEPHONE OUTLET MIN. 15" BOTTOM OF BOX COMPTR GRADE DPLX RCPTCL & I.G. MIN. 15" BOTTOM OF BOX |
| | □ | | "CONTROLLED" RECEPTACLES ELECTRIC CIRCUITS SERVING CONTROLLED RECEPTACLES SHALL BE EQUIPPED WITH AUTOMATIC SHUT-OFF CONTROLS |
| | □— | | DICONNECT SWITCH— SIZE & FUSE AS NOTED |
| | —○— | | BLDG SHUT-OFF TIME CLOCK |
| | ●—○— | | BLDG OVERRIDE SWITCH (0-2 HR WOUND TIMER) |
| | □ _{WP} | | WEATHERPROOF RECEPTACLE |
| | × | | 600W -115V DIMMER |
| | ○ | | DAYLIGHT CONTROL PHOTORESISTOR |

POWER PLAN

1/4"=1'-0"



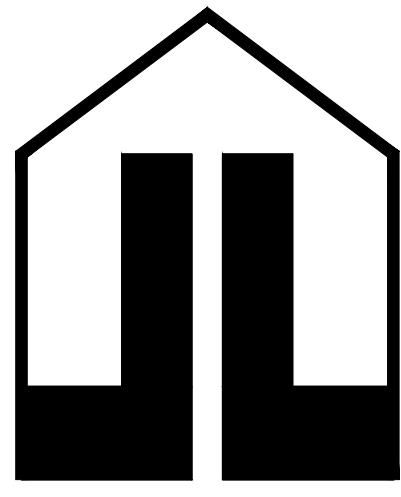
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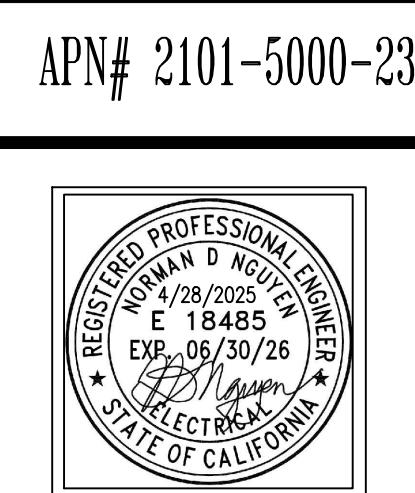
POWER PLAN

| No. | Revisions | Date |
|---------------------------------------------------------------------------------------|-------------|------|
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| | | |
| | | |
| Date Started | 01/06/25 | |
| Drawn | Sean Leung | |
| Checked | James Leung | |
| Date Print | | |
| Date Submitted | | |
| Project No. | ACE-101-25 | |

E_i = 2



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RIVERSIDE, CA. 92507



CONSULTANT:

Sheet Title _____

PANEL SCHEDULES

No. Revisions Date

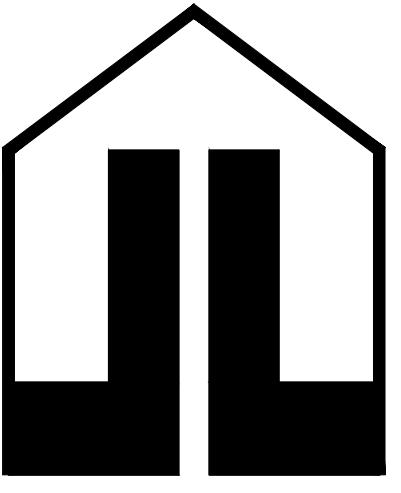


Date Started 01/06/25
Drawn Sean Leung
Checked James Leung
Date Print
Date Submitted
Project No. ACE-101-25
Sheet No. _____

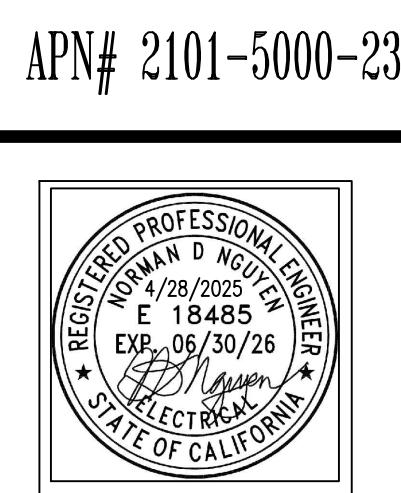
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|-----------------------------------|---------|---|---|----------------------------------|--|--|--------|-------------|--------|----------|--------|-------------|--------|------------------|------------------------|------------------------------|---------|--------|---|
| Ckt No | VA Load | | | Load Description | | | Code M | Type Cnt. R | C.B. L | Bus TR P | C.B. A | Type Cnt. R | Code M | Load Description | | | VA Load | Ckt No | |
| | A | B | C | | | | | | | | | | | | | | | | |
| 1 495 | | | | LIGHT- OFFICE AREA (N) | | | L | 9 | 20 | 1 | X | 20 | 1 | 6 | R | PLUGS- OFFICE #1-2 AREA (N)* | 1080 | 2 | |
| 3 616 | | | | LIGHT- FRONT WAREHOUSE AREA (N) | | | L | 11 | 20 | 1 | X | 20 | 1 | 6 | R | - | 1080 | 4 | |
| 5 706 | | | | LIGHT- BACK WAREHOUSE AREA (N) | | | L | 1 | 11 | 20 | 1 | X | 20 | 1 | 6 | R | - | 1080 | 6 |
| 7 1080 | | | | PLUGS- BACK WAREHOUSE AREA (N)* | | | R | 6 | 20 | 1 | X | 20 | 1 | 6 | R | PLUGS- OFFICE #3 AREA (N)* | 1080 | 8 | |
| 9 720 | | | | - | | | R | 4 | 20 | 1 | X | 20 | 1 | 4 | R | - | 720 | 10 | |
| 11 1080 | | | | - | | | R | 6 | 20 | 1 | X | 20 | 1 | 6 | R | - | 1080 | 12 | |
| 13 720 | | | | PLUGS- FRONT WAREHOUSE AREA (N)* | | | R | 4 | 20 | 1 | X | 20 | 1 | | N | | | 14 | |
| 15 720 | | | | - | | | R | 4 | 20 | 1 | X | 20 | 1 | | N | | | 16 | |
| 17 540 | | | | - | | | R | 3 | 20 | 1 | X | 20 | 1 | | N | | | 18 | |
| 19 24 | | | | TIMER (N) | | | N | 1 | 20 | 1 | X | 30 | 3 | | 1 | A/C (E) | 2800 | 20 | |
| 21 180 | | | | ROOF PLUG (E) | | | R | 1 | 20 | 1 | X | -- | -- | | N | - | 2800 | 22 | |
| 23 20 | | | | EMERGENCY LIGHTS (N) | | | L | 4 | 20 | 1 | X | -- | -- | | N | - | 2800 | 24 | |
| 2319 2236 2346 | | | | PHASE TOTALS | | | | | | | | | | | PHASE TOTALS | 4960 4600 4960 | | | |
| Total Phase A: | | | | | | | | | | | | | | | CONNECTED VA (CODE N): | 8424 | | | |
| Total Phase B: | | | | | | | | | | | | | | | CONNECTED VA (CODE L): | 1837 | | | |
| Total Phase C: | | | | | | | | | | | | | | | CONNECTED VA (CODE R): | 11160 | | | |
| | | | | | | | | | | | | | | | CONNECTED VA (CODE K): | 21.5 | | | |
| | | | | | | | | | | | | | | | DEMAND KVA: | -0.6 | | | |
| | | | | | | | | | | | | | | | TOTAL CONNECTED KVA: | 20.9 | | | |
| | | | | | | | | | | | | | | | TOTAL ADJUSTED KVA: | 20.9 | | | |
| | | | | | | | | | | | | | | | TOTAL PANEL AMPS: | 58.1 | | | |
| | | | | | | | | | | | | | | | AMPS W/LCL: | 59.7 | | | |
| TOTAL LOAD = 21482 VA = 59.7 Amps | | | | | | | | | | | | | | | | | | | |

(E) = EXISTING
(N) = NEW
(*) = APPROVED HANDLE TIE

CIRCUIT DIRECTORY OR CIRCUIT IDENTIFICATION LABELING:
ALL SWITCHES AND OUTLETS SHALL BE LEGIBLY IDENTIFIED AND LABELED
WITH ACCURATE CIRCUIT BREAKERS AND PANELS.



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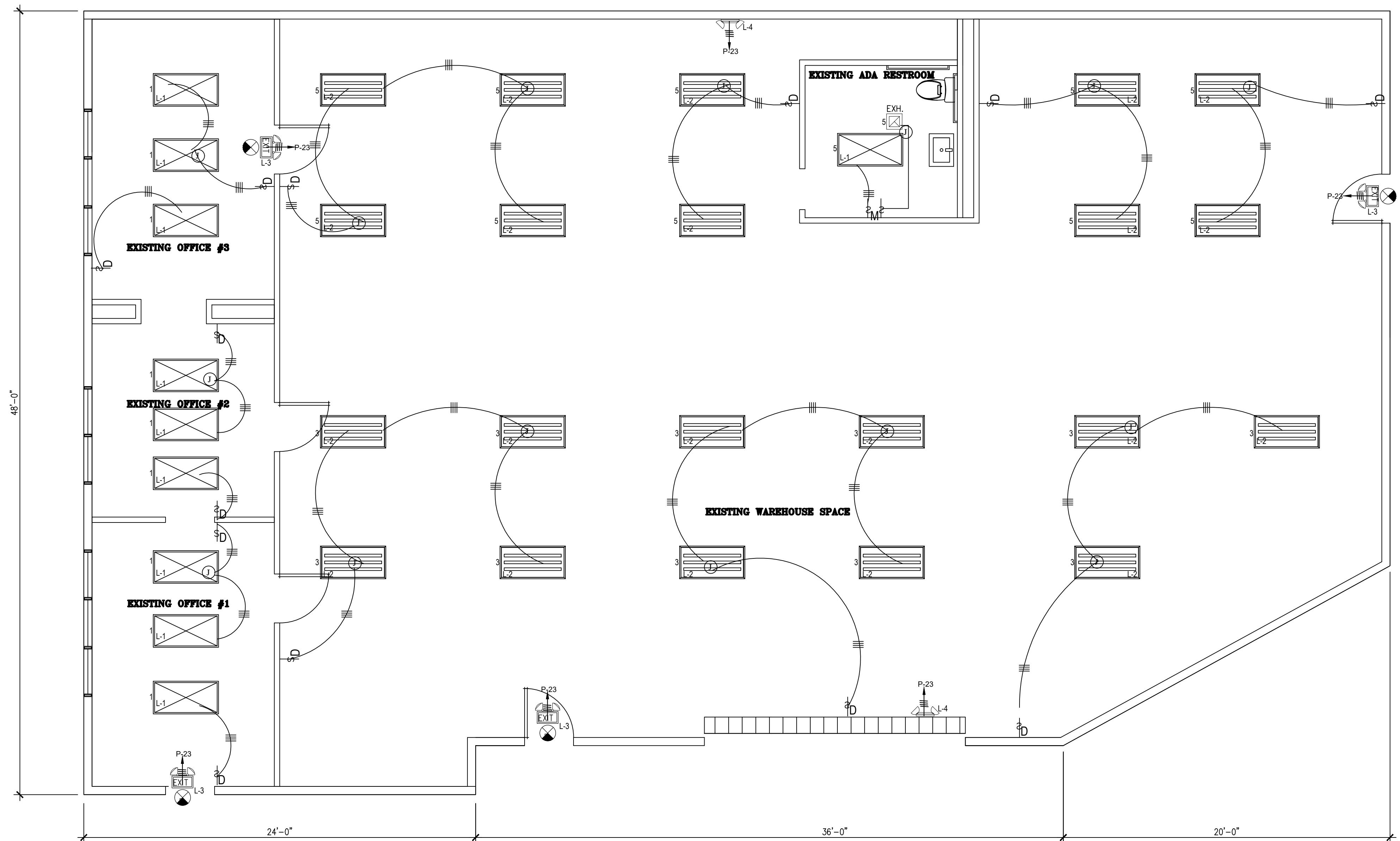
CONSULTANT:

Sheet Title

LIGHTING PLAN

LIGHTING PLAN

1/4"=1'-0"



| LEGEND & SYMBOLS | | |
|------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| — T — | TELEPHONE CONDUIT 3/4", unless noted | |
| —→ — | HOME RUN | |
| — — — | CONDUIT CONCEALED IN WALL OR CEILING, UNLESS NOTED | |
| — - - | CONDUIT CONCEALED IN WALL, FLOOR UNDERGROUND OR UNDER FLOOR, UNLESS NOTED | |
| — - - | 2 # 12, 1/2" C | |
| — - - | 6#12, 1" C | |
| — # — | 3#12, 1/2" C | |
| — # — | 7#12, 1" C | |
| — # # — | 5 # 12, 3/4" C | |
| — # # — | 8#12, 1" C | |
| □ 2 | ROOM NUMBER | |
| W/P | WEATHER PROOF | |
| J-BOX | 4s or AS NOTED | |
| ○ | CONDUIT UP | |
| ● | CONDUIT DOWN | |
| VL | VERIFY LOCATION | |
| N.T.S. | NOT TO SCALE | |
| FL'R | WALL CEIL | DESCRIPTION |
| —○— | —○— | FLUORESCENT LIGHT FIXTURE |
| —○— | —○— | 2x4 DROP OR SURFACE MTD. LIGHT FIXTURE |
| ○ | ○ | EXIT SIGN WITH BATTERY BACK-UP |
| S _o | ○ | TOGGLE SWITCH MAX. 48" TOP OF BOX |
| S _m | ○ | MOTION SENSOR SWITCH MAX. 48" TOP OF BOX |
| S _d | ○ | DIMMER SWITCH MAX. 48" TOP OF BOX |
| R-1 | R-1 | DUPLEX CONVENIENCE OUTLET MIN. 15" BOTTOM OF BOX |
| ■ | ■ | ELECTRICAL PANEL |
| ▼ | ▼ | TELEPHONE OUTLET MIN. 15" BOTTOM OF BOX COMPR. GRADE DPLX RCF1CL & I.G. MIN. 15" BOTTOM OF BOX |
| □ | □ | "CONTROLLED" RECEPTACLES ELECTRIC CIRCUITS SERVING CONTROLLED RECEPTACLES SHALL BE EQUIPPED WITH AUTOMATIC SHUT-OFF CONTROLS |
| □ | □ | DISCONNECT SWITCH- SIZE & FUSE AS NOTED |
| ○ | ○ | BLDG SHUT-OFF TIME CLOCK |
| ● \$ | ● \$ | BLDG OVERRIDE SWITCH (0-2 HR WOUND TIMER) |
| ○WP | ○WP | WEATHERPROOF RECEPTACLE |
| × | × | 600W -115V DIMMER |
| ○ | ○ | DAYLIGHT CONTROL PHOTOSENSOR |

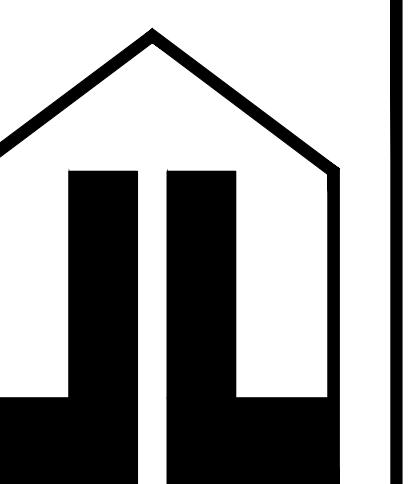
| LIGHT FIXTURE SCHEDULE | | | | | | |
|------------------------|------|--------|--------------------------------------------------|--------------|-----------------------------------------------------|--|
| LUMINAIRE | QTY. | SYMBOL | DESCRIPTION | WATTS (MAX.) | MANUFACTURE & MODEL | |
| L-1 | 10 | | LED SURFACE MOUNTED LIGHTING FIXTURE, UL LISTED | 55 | LITHONIA LIGHTING/CPNL LED (SWITCHABLE LUMEN PANEL) | |
| L-2 | 21 | | LED LINEAR HIGHBAY LIGHTING FIXTURE, UL LISTED | 56 | KONLITE LIGHTING/LH03 SERIES (F3278) | |
| L-3 | 4 | | EMER. & EXIT SIGN W/ 90-MIN BACKUP BATT. (COMBO) | 5 | ELCO/EE77HR | |
| L-4 | 2 | | EMERGENCY LIGHT W/ 90-MIN BACKUP BATT. | 5 | ELCO/EE20L | |

| EXHAUST FAN SCHEDULE | | | | | | | | |
|----------------------|---------------------------|----------|-------------|------|-----------------------------|---------|----------------|---------|
| SYMBOL | MANUFACTURER & MODEL NO. | FAN TYPE | AREA SERVED | CFM | E.S.P. IN. H ₂ O | VOLTAGE | FAN MOTOR H.P. | FAN RPM |
| EXH. | EXHAUST FAN/AIRKING/E130S | REST RM. | 68 | 0.6" | 120V-1Ø-60Hz | 37W | 1157 | 17 lbs. |

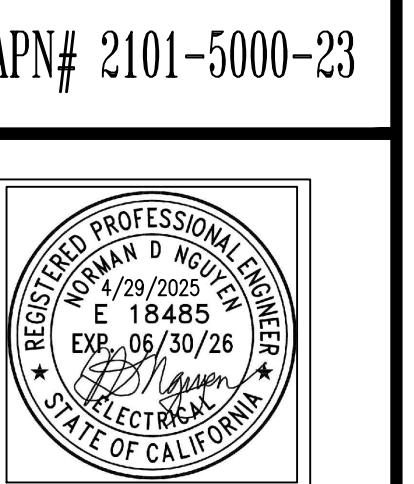
E-4

| STATE OF CALIFORNIA Indoor Lighting CERTIFICATE OF COMPLIANCE NRCC-LT-1 | | CALIFORNIA ENERGY COMMISSION NRCC-LT-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel common areas. It is used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel common areas. Multifamily dwelling unit and hotel/motel room lighting is not included here.</p> <p>Project Name: TENANT IMPROVEMENT FOR OFFICE WAREHOUSE Report Page: (Page 1 of 7) Project Address: 2710 DURAHART STREET, RIVERSIDE, CA 92507 Date Prepared: 2025-04-29T18:29:09-04:00</p> <p>A. GENERAL INFORMATION</p> <table border="1"> <tr> <td>01 Project Location (city)</td> <td>RIVERSIDE</td> <td>04 Total Conditioned Floor Area (ft²)</td> <td>3,880</td> </tr> <tr> <td>02 Climate Zone</td> <td>10</td> <td>05 Total Unconditioned Floor Area (ft²)</td> <td>0</td> </tr> <tr> <td>03 Occupancy Types Within Project (select all that apply):</td> <td colspan="3">06 # of Stories (Habitable Above Grade) 0</td> </tr> <tr> <td colspan="4">• Warehouse</td> </tr> </table> <p>B. PROJECT SCOPE</p> <p>This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.</p> <table border="1"> <thead> <tr> <th>Scope of Work</th> <th>Conditioned Spaces</th> <th>Unconditioned Spaces</th> </tr> <tr> <td>01</td> <td>02</td> <td>03</td> </tr> <tr> <td>My Project Consists of (check all that apply):</td> <td>Calculation Method</td> <td>Area (ft²)</td> </tr> <tr> <td><input type="checkbox"/> New Lighting System</td> <td>N/A</td> <td>0</td> </tr> <tr> <td><input type="checkbox"/> New Lighting System - Parking Garage</td> <td>N/A</td> <td>0</td> </tr> <tr> <td><input type="checkbox"/> Altered Lighting System</td> <td>Area Category Method</td> <td>3880</td> </tr> <tr> <td colspan="3">Total Area of Work (ft²) 3880</td> </tr> </thead> </table> | | | | 01 Project Location (city) | RIVERSIDE | 04 Total Conditioned Floor Area (ft ²) | 3,880 | 02 Climate Zone | 10 | 05 Total Unconditioned Floor Area (ft ²) | 0 | 03 Occupancy Types Within Project (select all that apply): | 06 # of Stories (Habitable Above Grade) 0 | | | • Warehouse | | | | Scope of Work | Conditioned Spaces | Unconditioned Spaces | 01 | 02 | 03 | My Project Consists of (check all that apply): | Calculation Method | Area (ft ²) | <input type="checkbox"/> New Lighting System | N/A | 0 | <input type="checkbox"/> New Lighting System - Parking Garage | N/A | 0 | <input type="checkbox"/> Altered Lighting System | Area Category Method | 3880 | Total Area of Work (ft ²) 3880 | | |
| 01 Project Location (city) | RIVERSIDE | 04 Total Conditioned Floor Area (ft ²) | 3,880 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 Climate Zone | 10 | 05 Total Unconditioned Floor Area (ft ²) | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 Occupancy Types Within Project (select all that apply): | 06 # of Stories (Habitable Above Grade) 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • Warehouse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Scope of Work | Conditioned Spaces | Unconditioned Spaces | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 02 | 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| My Project Consists of (check all that apply): | Calculation Method | Area (ft ²) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> New Lighting System | N/A | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> New Lighting System - Parking Garage | N/A | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Altered Lighting System | Area Category Method | 3880 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Area of Work (ft ²) 3880 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 2020101 Report Generated: 2025-04-29 15:29:12 | | Documentation Software: Energy Code Ace Compliance ID: 292724-0425-0002 Report Generated: 2025-04-29T18:29:09-04:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STATE OF CALIFORNIA Indoor Lighting CERTIFICATE OF COMPLIANCE NRCC-LT-1 | | CALIFORNIA ENERGY COMMISSION NRCC-LT-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Project Name: TENANT IMPROVEMENT FOR OFFICE WAREHOUSE Report Page: (Page 2 of 7) Date Prepared: 2025-04-29T18:29:09-04:00</p> <p>C. COMPLIANCE RESULTS</p> <p>If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D for guidance.</p> <table border="1"> <thead> <tr> <th rowspan="2">Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)</th> <th colspan="5">Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)</th> <th colspan="5">Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)</th> <th colspan="2">Compliance Results</th> </tr> <tr> <th>01</th> <th>02</th> <th>03</th> <th>04</th> <th>05</th> <th>06</th> <th>07</th> <th>08</th> <th>09</th> <th>10</th> <th>11</th> <th>12</th> </tr> </thead> <tbody> <tr> <td>Complete Building or Area Category Primary Function Area</td> <td>Building</td> <td>Area Category</td> <td>Area Category</td> <td>Area Category</td> <td>140.6(c)1 / 170.2(e)4</td> <td>140.6(c)2 / 170.2(e)4</td> <td>140.6(c)3 / 170.2(e)4</td> <td>140.6(c)4 / 170.2(e)4</td> <td>140.6(c)5 / 170.2(e)4</td> <td>140.6(c)6 / 170.2(e)4</td> <td>140.6(c)7 / 170.2(e)4</td> <td>140.6(c)8 / 170.2(e)4</td> <td>Total</td> <td>Adjusted</td> <td>05 must be >= 08 140.6 / 170.2(e)</td> <td>09</td> </tr> <tr> <td colspan="13">(See Table I) (See Table I) (See Table J) (See Table K) (See Table L) (See Table P) (See Table F) (See Table P)</td> <td>COMPLIES</td> </tr> <tr> <td>Conditioned</td> <td></td> <td>1726</td> </tr> <tr> <td>Unconditioned</td> <td></td> </tr> <tr> <td colspan="13"></td> <td>COMPLIES</td> </tr> </tbody> </table> <p>D. EXCEPTIONAL CONDITIONS</p> <p>This table is auto-filled with unreadable comments because of selections made or data entered in tables throughout the form.</p> <p>E. ADDITIONAL REMARKS</p> <p>This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.</p> | | | | Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e) | Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts) | | | | | Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts) | | | | | Compliance Results | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | Complete Building or Area Category Primary Function Area | Building | Area Category | Area Category | Area Category | 140.6(c)1 / 170.2(e)4 | 140.6(c)2 / 170.2(e)4 | 140.6(c)3 / 170.2(e)4 | 140.6(c)4 / 170.2(e)4 | 140.6(c)5 / 170.2(e)4 | 140.6(c)6 / 170.2(e)4 | 140.6(c)7 / 170.2(e)4 | 140.6(c)8 / 170.2(e)4 | Total | Adjusted | 05 must be >= 08 140.6 / 170.2(e) | 09 | (See Table I) (See Table I) (See Table J) (See Table K) (See Table L) (See Table P) (See Table F) (See Table P) | | | | | | | | | | | | | COMPLIES | Conditioned | | | | | | | | | | | | | | | 1726 | Unconditioned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | COMPLIES |
| Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e) | Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts) | | | | | Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts) | | | | | Compliance Results | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete Building or Area Category Primary Function Area | Building | Area Category | Area Category | Area Category | 140.6(c)1 / 170.2(e)4 | 140.6(c)2 / 170.2(e)4 | 140.6(c)3 / 170.2(e)4 | 140.6(c)4 / 170.2(e)4 | 140.6(c)5 / 170.2(e)4 | 140.6(c)6 / 170.2(e)4 | 140.6(c)7 / 170.2(e)4 | 140.6(c)8 / 170.2(e)4 | Total | Adjusted | 05 must be >= 08 140.6 / 170.2(e) | 09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (See Table I) (See Table I) (See Table J) (See Table K) (See Table L) (See Table P) (See Table F) (See Table P) | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conditioned | | | | | | | | | | | | | | | 1726 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unconditioned | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | COMPLIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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WAREHOUSE
2710 DURAHART STREET
RIVERSIDE, CA. 92507



CONSULTANT:

Sheet: Tittle

T-24 COMPLIANCE
FORMS

No. Revisions Date

Date Started 01/06/25

Drawn Sean Leung

Checked James Leung

Date Print

Date Submitted

Project No. ACE-101-25

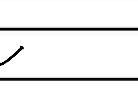
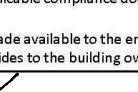
Sheet No.

E-5

| STATE OF CALIFORNIA Indoor Lighting CERTIFICATE OF COMPLIANCE NRCC-LT-1 | | CALIFORNIA ENERGY COMMISSION NRCC-LT-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Project Name: TENANT IMPROVEMENT FOR OFFICE WAREHOUSE Report Page: (Page 3 of 7) Date Prepared: 2025-04-29T18:29:09-04:00</p> <p>F. INDOOR LIGHTING FIXTURE SCHEDULE</p> <p>This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is not included here.</p> <table border="1"> <thead> <tr> <th colspan="10">Designed Wattage: Conditioned Spaces</th> </tr> <tr> <th>01</th> <th>02</th> <th>03</th> <th>04</th> <th>05</th> <th>06</th> <th>07</th> <th>08</th> <th>09</th> <th>10</th> </tr> </thead> <tbody> <tr> <td>Name or Item Tag</td> <td>Complete Luminaire Description</td> <td>Modular (Track) Fixture</td> <td>Small Aperture & Color Change</td> <td>Watts per Luminaire¹</td> <td>How is Wattage determined</td> <td>Total Number of Luminaires</td> <td>Excluded per 140.6(e)3 / 170.2(e)2</td> <td>Design Watts</td> <td>Field Inspector</td> </tr> <tr> <td>L-1</td> <td>LED SURFACE MOUNTED LIGHTING</td> <td>No</td> <td>NA</td> <td>55</td> <td>Mfr. Spec</td> <td>10</td> <td>No</td> <td>550</td> <td>Pass □ Fail □</td> </tr> <tr> <td>L-2</td> <td>LED LINEAR HIGHBAY LIGHTING</td> <td>No</td> <td>NA</td> <td>96</td> <td>Mfr. Spec</td> <td>21</td> <td>No</td> <td>1,176</td> <td>Pass □ Fail □</td> </tr> </tbody> </table> <p><small>FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(e)4 / 170.2(e)2 is adjusted to be 75%/80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.</small></p> <p><small>Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.</small></p> <p>G. MODULAR LIGHTING SYSTEMS</p> <p>This section does not apply to this project.</p> <p>H. INDOOR LIGHTING CONTROLS (Not including PAFs)</p> <p>This table includes lighting controls for conditioned and unconditioned spaces.</p> <table border="1"> <thead> <tr> <th colspan="2">Building Level Controls</th> </tr> <tr> <th>01</th> <th>02</th> </tr> </thead> <tbody> <tr> <td>Mandatory Demand Response 110.12(c)</td> <td>Shut-off controls 130.1(c) / 160.5(e)4C</td> </tr> <tr> <td>NA <4,000W subject to multilevel</td> <td>Field Inspector</td> </tr> <tr> <td></td> <td>Pass □ Fail □</td> </tr> <tr> <td></td> <td>Whole Building Auto Time Switch</td> </tr> </tbody> </table> | | | | Designed Wattage: Conditioned Spaces | | | | | | | | | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | Name or Item Tag | Complete Luminaire Description | Modular (Track) Fixture | Small Aperture & Color Change | Watts per Luminaire ¹ | How is Wattage determined | Total Number of Luminaires | Excluded per 140.6(e)3 / 170.2(e)2 | Design Watts | Field Inspector | L-1 | LED SURFACE MOUNTED LIGHTING | No | NA | 55 | Mfr. Spec | 10 | No | 550 | Pass □ Fail □ | L-2 | LED LINEAR HIGHBAY LIGHTING | No | NA | 96 | Mfr. Spec | 21 | No | 1,176 | Pass □ Fail □ | Building Level Controls | | 01 | 02 | Mandatory Demand Response 110.12(c) | Shut-off controls 130.1(c) / 160.5(e)4C | NA <4,000W subject to multilevel | Field Inspector | | Pass □ Fail □ | | Whole Building Auto Time Switch |
| Designed Wattage: Conditioned Spaces | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name or Item Tag | Complete Luminaire Description | Modular (Track) Fixture | Small Aperture & Color Change | Watts per Luminaire ¹ | How is Wattage determined | Total Number of Luminaires | Excluded per 140.6(e)3 / 170.2(e)2 | Design Watts | Field Inspector | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L-1 | LED SURFACE MOUNTED LIGHTING | No | NA | 55 | Mfr. Spec | 10 | No | 550 | Pass □ Fail □ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L-2 | LED LINEAR HIGHBAY LIGHTING | No | NA | 96 | Mfr. Spec | 21 | No | 1,176 | Pass □ Fail □ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Building Level Controls | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandatory Demand Response 110.12(c) | Shut-off controls 130.1(c) / 160.5(e)4C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NA <4,000W subject to multilevel | Field Inspector | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pass □ Fail □ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Whole Building Auto Time Switch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 2020101 Report Generated: 2025-04-29 15:29:12 | | Documentation Software: Energy Code Ace Compliance ID: 292724-0425-0002 Report Generated: 2025-04-29T18:29:09-04:00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| STATE OF CALIFORNIA Indoor Lighting CERTIFICATE OF COMPLIANCE NRCC-LT-1 | | CALIFORNIA ENERGY COMMISSION NRCC-LT-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Project Name: TENANT IMPROVEMENT FOR OFFICE WAREHOUSE Report Page: (Page 4 of 7) Date Prepared: 2025-04-29T18:29:09-04:00</p> <p>H. INDOOR LIGHTING CONTROLS (Not including PAFs)</p> <p>I. AREA LEVEL CONTROLS</p> <table border="1"> <thead> <tr> <th>04</th> <th>05</th> <th>06</th> <th>07</th> <th>08</th> <th>09</th> <th>10</th> <th>11</th> <th>12</th> </tr> </thead> <tbody> <tr> <td>Area Description</td> <td>Complete Building or Area Category Primary Function Area</td> <td>Manual Area Controls</td> <td>Multi-Level Controls</td> <td>Shut-Off Controls</td> <td>Primary/Sky</td> <td>Secondary</td> <td>Interloaded</td> <td>Field Inspector</td> </tr> <tr> <td>OFFICE</td> <td>Office (>250 square feet)</td> <td>Readyly Accessible</td> <td>Dimmer</td> <td>Auto. Time Switch</td> <td>NA: Not daylitzone</td> <td>NA: Not daylitzone</td> <td>NA: Not daylitzone</td> <td>Pass □ Fail □</td> </tr> <tr> <td>REST RM.</td> <td>Restroom</td> <td>Readyly Accessible</td> <td>Multilevel Switch</td> <td>Occupancy Sensor</td> <td>NA: Not daylitzone</td> <td>NA: Not daylitzone</td> <td>NA: Not daylitzone</td> <td>Pass □ Fail □</td> </tr> <tr> <td>WAREHOUSE AREA</td> <td>Storage - MF common areas</td> <td>Readyly Accessible</td> <td>Dimmer</td> <td>Auto. Time Switch</td> <td>NA: Not daylitzone</td> <td>NA: Not daylitzone</td> <td>NA: Not daylitzone</td> <td>Pass □ Fail □</td> </tr> <tr> <td colspan="9">Plan Sheet Showing Daylitz Zones:</td> </tr> </tbody> </table> <p>J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM</p> <p>This section does not apply to this project.</p> <p>K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE</p> <p>This section does not apply to this project.</p> <p>L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY</p> <p>This section does not apply to this project.</p> <p>M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING</p> <p>This section does not apply to this project.</p> <p>N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE / SPECIAL EFFECTS</p> <p>This section does not apply to this project.</p> <p>O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE</p> <p>This section does not apply to this project.</p> <p>P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))</p> <p>This section does not apply to this project.</p> <p>Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS</p> <p>This section does not apply to this project.</p> | | | | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | Area Description | Complete Building or Area Category Primary Function Area | Manual Area Controls | Multi-Level Controls | Shut-Off Controls | Primary/Sky | Secondary | Interloaded | Field Inspector | OFFICE | Office (>250 square feet) | Readyly Accessible | Dimmer | Auto. Time Switch | NA: Not daylitzone | NA: Not daylitzone | NA: Not daylitzone | Pass □ Fail □ | REST RM. | Restroom | Readyly Accessible | Multilevel Switch | Occupancy Sensor | NA: Not daylitzone | NA: Not daylitzone | NA: Not daylitzone | Pass □ Fail □ | WAREHOUSE AREA | Storage - MF common areas | Readyly Accessible | Dimmer | Auto. Time Switch | NA: Not daylitzone | NA: Not daylitzone | NA: Not daylitzone | Pass □ Fail □ | Plan Sheet Showing Daylitz Zones: | | | | | | | | |
| 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Area Description | Complete Building or Area Category Primary Function Area | Manual Area Controls | Multi-Level Controls | Shut-Off Controls | Primary/Sky | Secondary | Interloaded | Field Inspector | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OFFICE | Office (>250 square feet) | Readyly Accessible | Dimmer | Auto. Time Switch | NA: Not daylitzone | NA: Not daylitzone | NA: Not daylitzone | Pass □ Fail □ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REST RM. | Restroom | Readyly Accessible | Multilevel Switch | Occupancy Sensor | NA: Not daylitzone | NA: Not daylitzone | NA: Not daylitzone | Pass □ Fail □ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WAREHOUSE AREA | Storage - MF common areas | Readyly Accessible | Dimmer | Auto. Time Switch | NA: Not daylitzone | NA: Not daylitzone | NA: Not daylitzone | Pass □ Fail □ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| STATE OF CALIFORNIA Indoor Lighting CERTIFICATE OF COMPLIANCE NRCC-LT-1 | | CALIFORNIA ENERGY COMMISSION NRCC-LT-1 | | | | | | | |
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| <p>Project Name: TENANT IMPROVEMENT FOR OFFICE WAREHOUSE Report Page: (Page 5 of 7) Date Prepared: 2025-04-29T18:29:09-04:00</p> <p>R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS</p> <p>This section does not apply to this project.</p> <p>S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)</p> <p>This section does not apply to this project.</p> <p>T. DWELLING UNIT LIGHTING</p> <p>This section does not apply to this project.</p> <p>U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION</p> <p>Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks: These documents must be provided to the building inspector during construction and can be found online.</p> <p>V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE</p> <p>Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks: These documents must be provided to the building inspector during construction and any with an "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html</p> <table border="1"> <thead> <tr> <th>Form/Title</th> <th>Systems/Spaces To Be Filed</th> <th>Verified</th> </tr> </thead> <tbody> <tr> <td>NRCA-LT-02-A - Must be submitted for occupancy sensors and automatic time switch controls.</td> <td>OFFICE: REST RM.; WAREHOUSE AREA</td> <td></td> </tr> </tbody> </table> | | | | Form/Title | Systems/Spaces To Be Filed | Verified | NRCA-LT-02-A - Must be submitted for occupancy sensors and automatic time switch controls. | OFFICE: REST RM.; WAREHOUSE AREA | |
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| STATE OF CALIFORNIA Indoor Lighting CERTIFICATE OF COMPLIANCE NRCC-LT-1 | | CALIFORNIA ENERGY COMMISSION NRCC-LT-1 | |
| <p>Project Name: TENANT IMPROVEMENT FOR OFFICE WAREHOUSE Report Page: (Page 7 of 7) Project Address: 2710 DURAHART STREET, RIVERSIDE, CA 92507 Date Prepared: 2025-04-29T18:29:09-04:00</p> <p>DOCUMENTATION AUTHOR'S DECLARATION STATEMENT</p> <p>I certify that this Certificate of Compliance documentation is accurate and complete.</p> <p>Documentation Author Name: NORMAN NGUYEN Address: 6429 HUGHES DR City/State/Zip: HUNTINGTON BEACH, CA 92647 Phone: 714-460-0723 Signature:  Date Signed: 4/29/2025</p> <p>Company: CEA/VERIS Certification Identification (if applicable)</p> <p>Responsible Designer Name: NORMAN NGUYEN Address: 6429 HUGHES DR City/State/Zip: HUNTINGTON BEACH, CA 92647 Phone: 714-460-0723 Signature:  Date Signed: 4/29/2025</p> <p>I certify the following under penalty of perjury:</p> <ol style="list-style-type: none"> The information provided in this Certificate of Compliance is true and correct. I am eligible to design the business and profession(s) to which I am responsible for the building design or system design identified on this Certificate of Compliance to conform to the requirements of the applicable code(s) and standards. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, workbooks, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. I will make a copy of this copy of the Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a copy of this signed copy of the Certificate of Compliance is required to be included in the documentation by the builder to provide to the building owner at occupancy. <p>Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 2020101 Report Generated: 2025-04-29 15:29:12</p> <p>Documentation Software: Energy Code Ace</p> | | | |