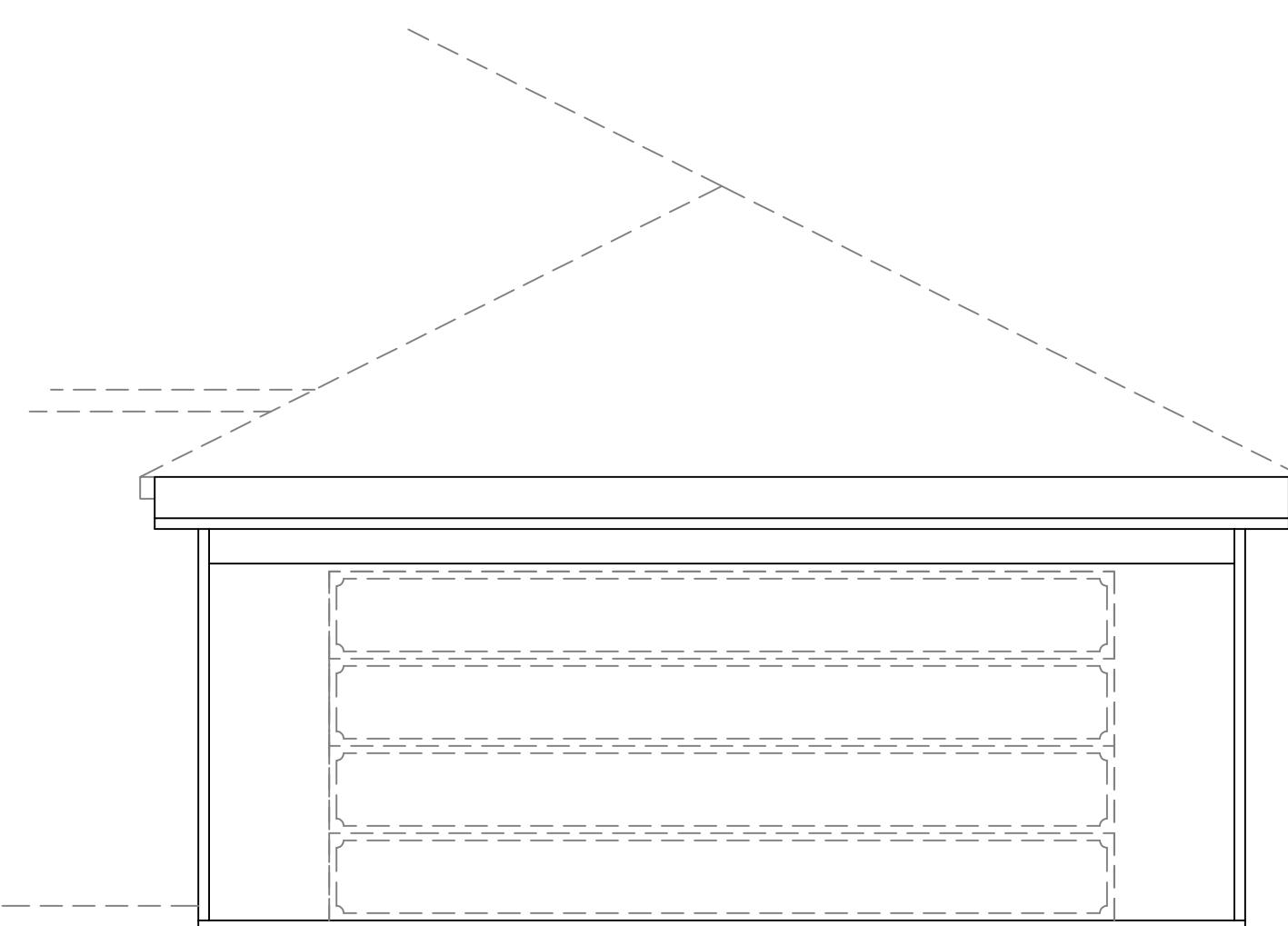


ENGINEER'S NOTES:

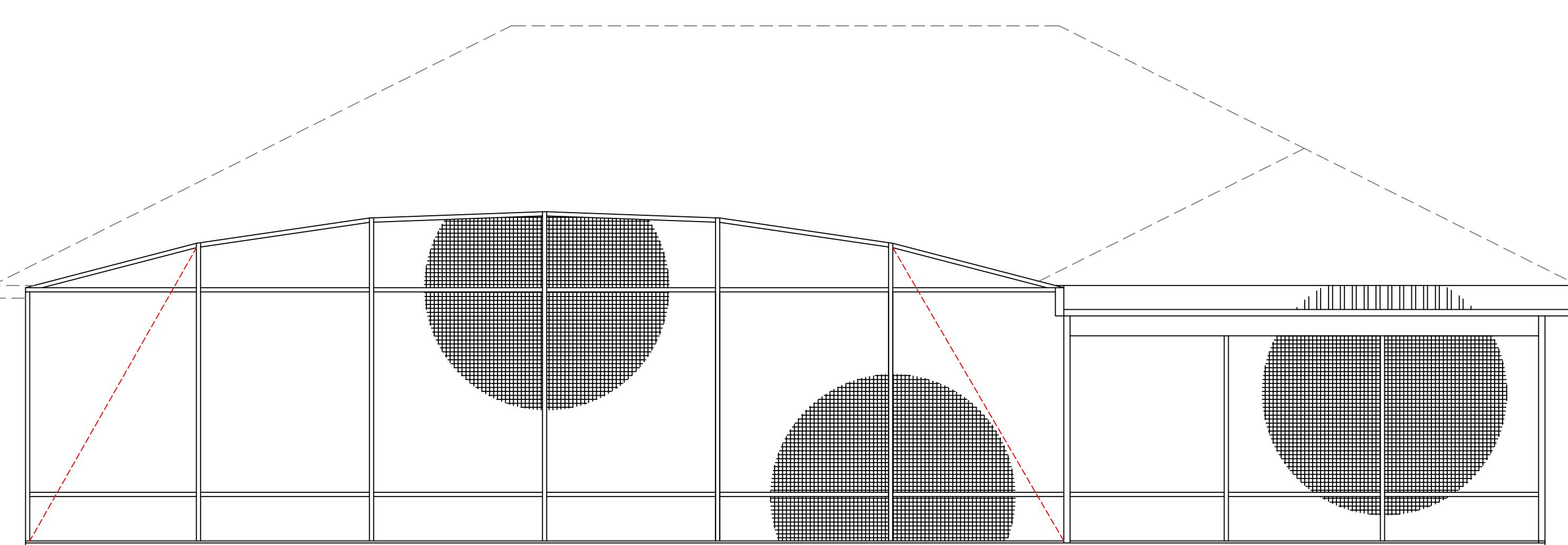
1. DESIGN WIND SPEED Vult = 130 MPH
2. BUILDING RISK CATEGORY 2
3. WIND EXPOSURE: "B"
4. 2020 FLORIDA BUILDING CODE RESIDENTIAL / BUILDING 7th EDITION
5. ROOF LIVE LOAD = 20 PSF, DEAD LOAD = 3 PSF
6. ASSUMED SOIL BEARING CAPACITY = 2,000 PSF
7. INTERNAL PRESSURE COEF = +/-0.18
8. CONCRETE COMPRESSION STRENGTH 3000 PSI @ 28 DAYS
9. NFPA70 / NEC 2017 CODES IN EFFECT

| ZONE | EFFECTIVE WIND AREA (FT ²) | BASIC WIND SPEED (MPH) | | | | |
|------|--|------------------------|------------|------------|------------|------------|
| | | 130 | 140 | 150 | 160 | 170 |
| 4 | 10 | 30.4 -33.0 | 35.3 -38.2 | 40.5 -38.2 | 46.1 -50.0 | 52.0 -56.5 |
| 4 | 20 | 29.0 -31.6 | 33.7 -36.7 | 38.7 -36.7 | 44.0 -47.9 | 49.6 -54.1 |
| 4 | 50 | 27.2 -29.8 | 31.6 -34.6 | 36.2 -34.6 | 41.2 -45.1 | 46.6 -51.0 |
| 4 | 100 | 25.9 -28.4 | 30.0 -33.0 | 34.4 -33.0 | 39.2 -43.1 | 44.2 -48.6 |
| 5 | 10 | 30.4 -40.7 | 35.3 -47.2 | 40.5 -47.2 | 46.1 -61.7 | 52.0 -69.6 |
| 5 | 20 | 29.0 -38.0 | 33.7 -44.0 | 38.7 -44.0 | 44.0 -57.5 | 49.6 -64.9 |
| 5 | 50 | 27.2 -34.3 | 31.6 -39.8 | 36.2 -39.8 | 41.2 -52.0 | 46.6 -58.7 |
| 5 | 100 | 25.9 -31.6 | 30.0 -36.7 | 34.4 -36.7 | 39.2 -47.9 | 44.2 -54.1 |

| | | |
|--|--|------------------------------------|
| Riddle Consulting Engineers, Inc. | | ENGINEER'S SEAL |
| | | |
| Paul D. Riddle, P.E. Senior Engineer COA: 00004759 | | |
| Paul A. Riddle, Jr. Structural Engineer | | |
| EMAIL ADDRESS | RIDDLEENG@AOL.COM | |
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| DRAWN: JASON R. RIDDLE | | PAUL D. RIDDLE, P.E. P.E. 36989 |
| DATE 8.22.2022 | | |
| A CUSTOM DESIGN FOR THE JIMENEZ DENNIEL RESIDENCE PRECISION SCREENS | | |
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| SCALE 1/4" = 1'-0" | | |
| REVISIONS, NOTES | | |
| 1 OF 3 | | |
| JOB NUMBER 2220565 | | |



FRONT ELEVATION



REAR ELEVATION



RIGHT ELEVATION



LEFT ELEVATION

Riddle Consulting Engineers, Inc.
structural civil mechanical

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Senior Engineer
COA: 00004759

Paul A. Riddle, Jr.
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ENGINEER'S SEAL

DRAWN: JASON R. RIDDLE

DATE 8.22.2022

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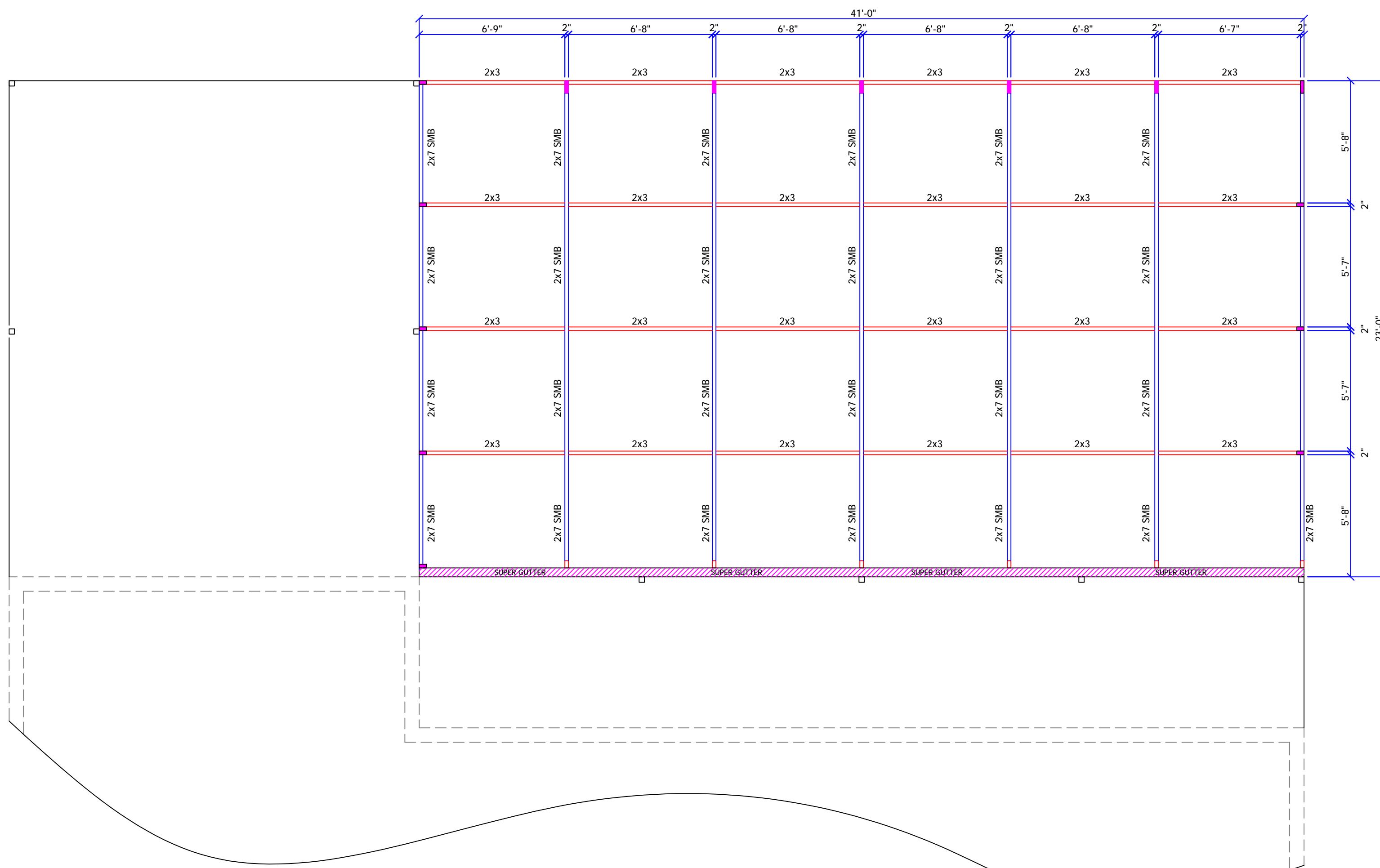
SCALE 1/4" = 1'-0"

A CUSTOM DESIGN FOR
THE JIMENEZ DENNICE RESIDENCE
PRECISION SCREENS

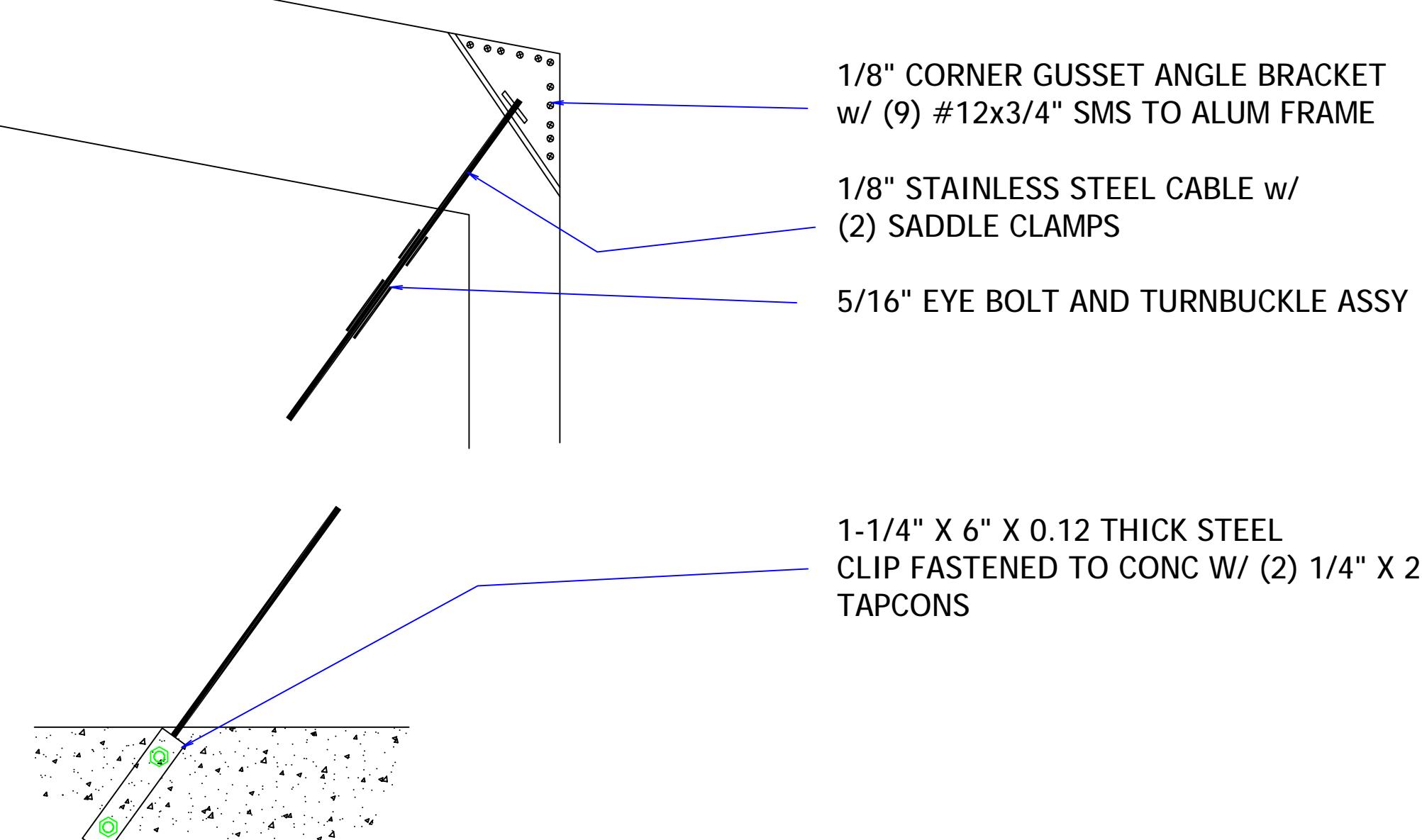
REVISIONS, NOTES

2 OF 3

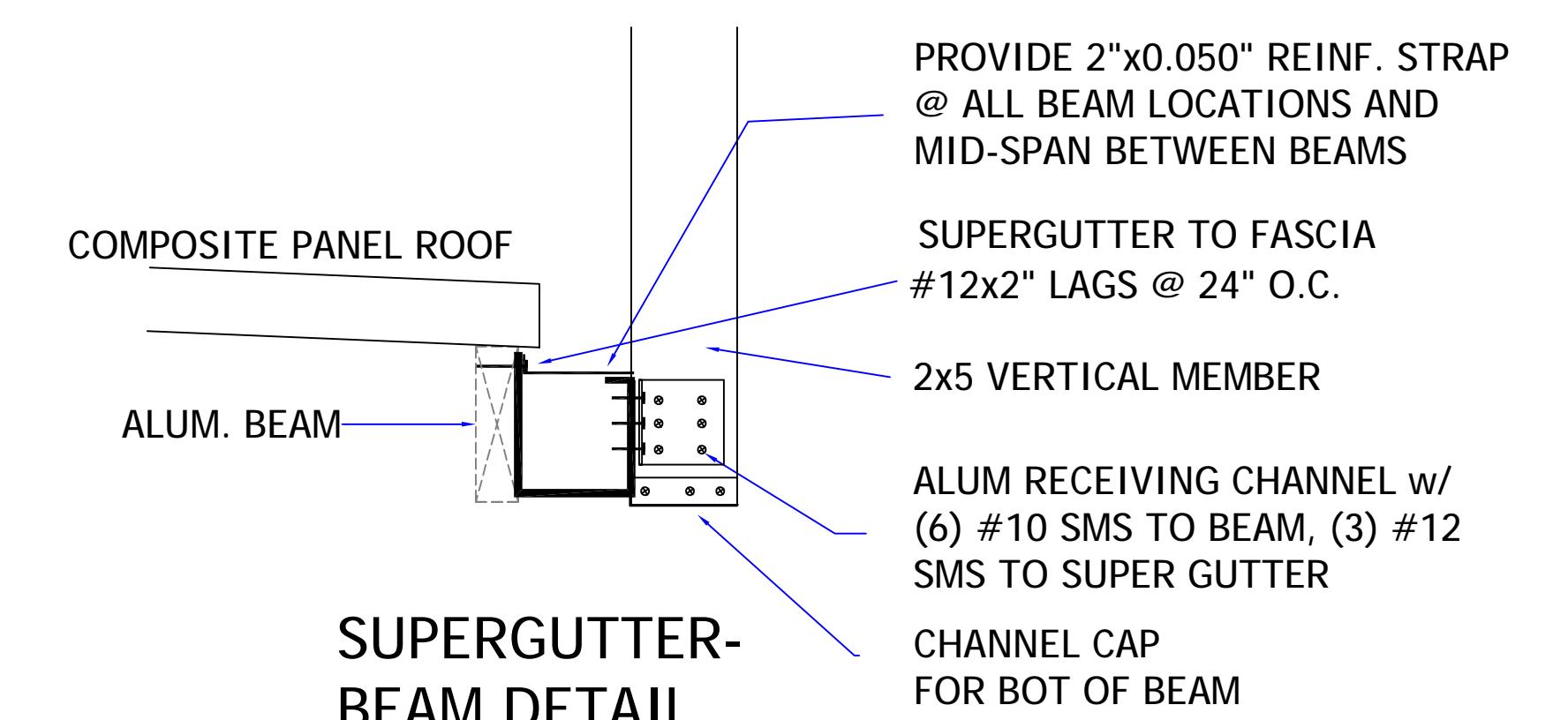
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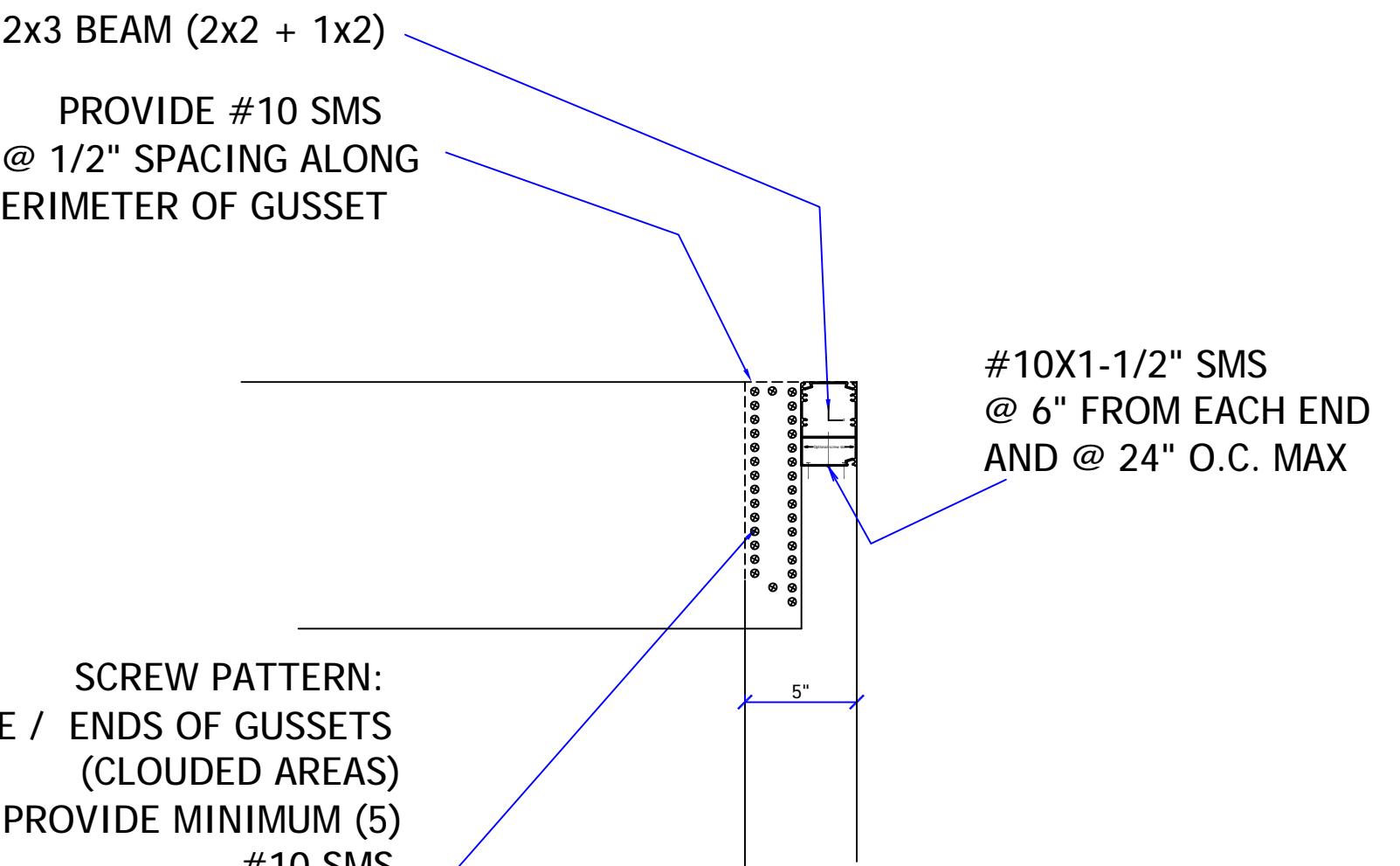
BIRDCAGE FRAMING PLAN



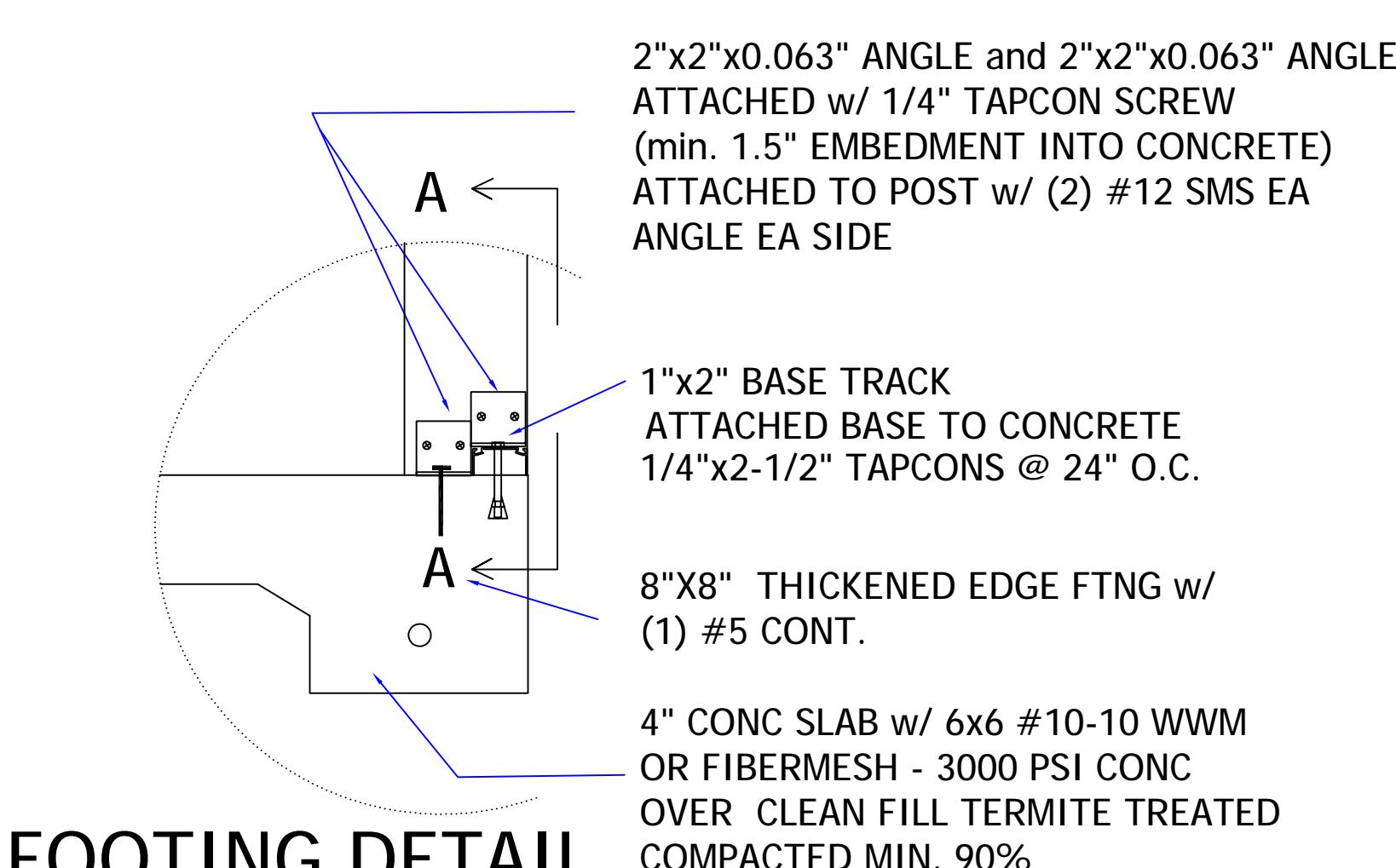
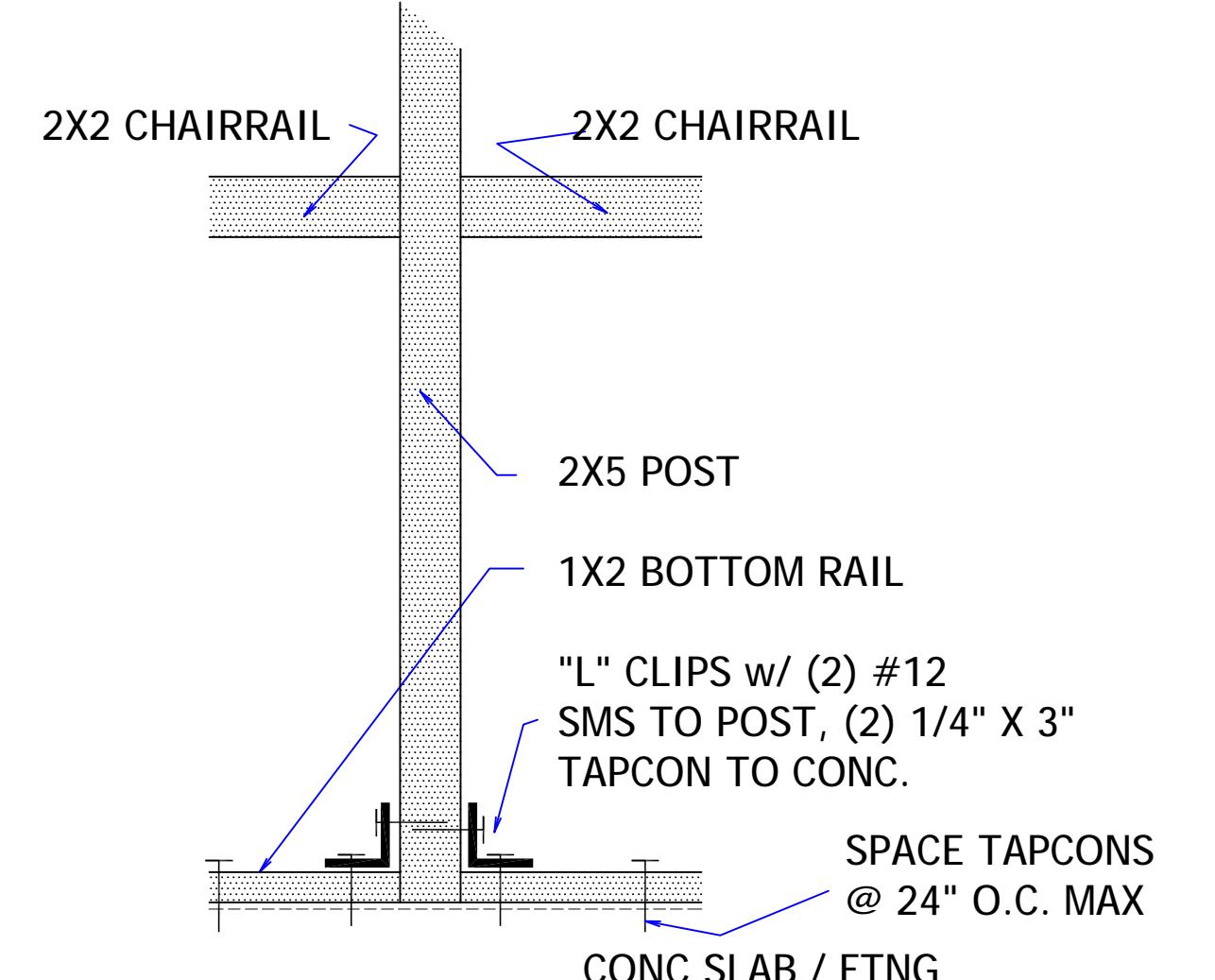
BRACING CABLE CONNECTION DETAIL

TYPICAL FRAMING DETAIL
NTS

SUPRGUTTER-BEAM DETAIL



GUSSET DETAIL @ POST



FOOTING DETAIL

