

SIMPSON HRS12
RAFTER TO RAFTER, TOP
OF RAFTER OK AS ALT
LOC.

$\frac{3}{32}$ APA RATED
SHTG SPAN
RATING 48/24

2x SHAPED BLKG,
TOE NAIL w/ (4)
16d EA END

2x8 FASCIA

2x8 D.F. #1
RAFTER AT 12"
O.C. w/ A34 TO
DR BM

$\frac{15}{32}$ CDX PLYWOOD SHT'G
w/ 10d AT 6" O.C. ON SIDES
#8 WOOD SCREWS AT
FRONT FOR REMOVAL
ALT: #8 WOOD SCREWS AT
SIDES OK
VENT PENETRATIONS
PERMITTED PER ToM

H2.5A AT EA
RAFTER TO
DROP BM

6x6 SELECT
STRUCTURAL
DR BM (RIDGE BM)

2x4 COLLAR TIE
TO EA. RAFTER
w/ A34 TO DR BM

(2) A34 w/ (8)
#9 x 1 $\frac{1}{2}$ SD
SCREWS EA END
OF COLLAR TIE

(4) .148"x3" NAILS
COLLAR TIE TO
RAFTER EA SIDE

6x8 DF#1 DR BM
EA SIDE w/
SIMPSON EPC CAP
TO POST

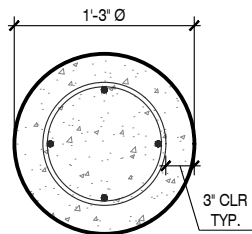
6x6 DF#1
POST, TYP.

SIMPSON
CBSQ66, TYP.

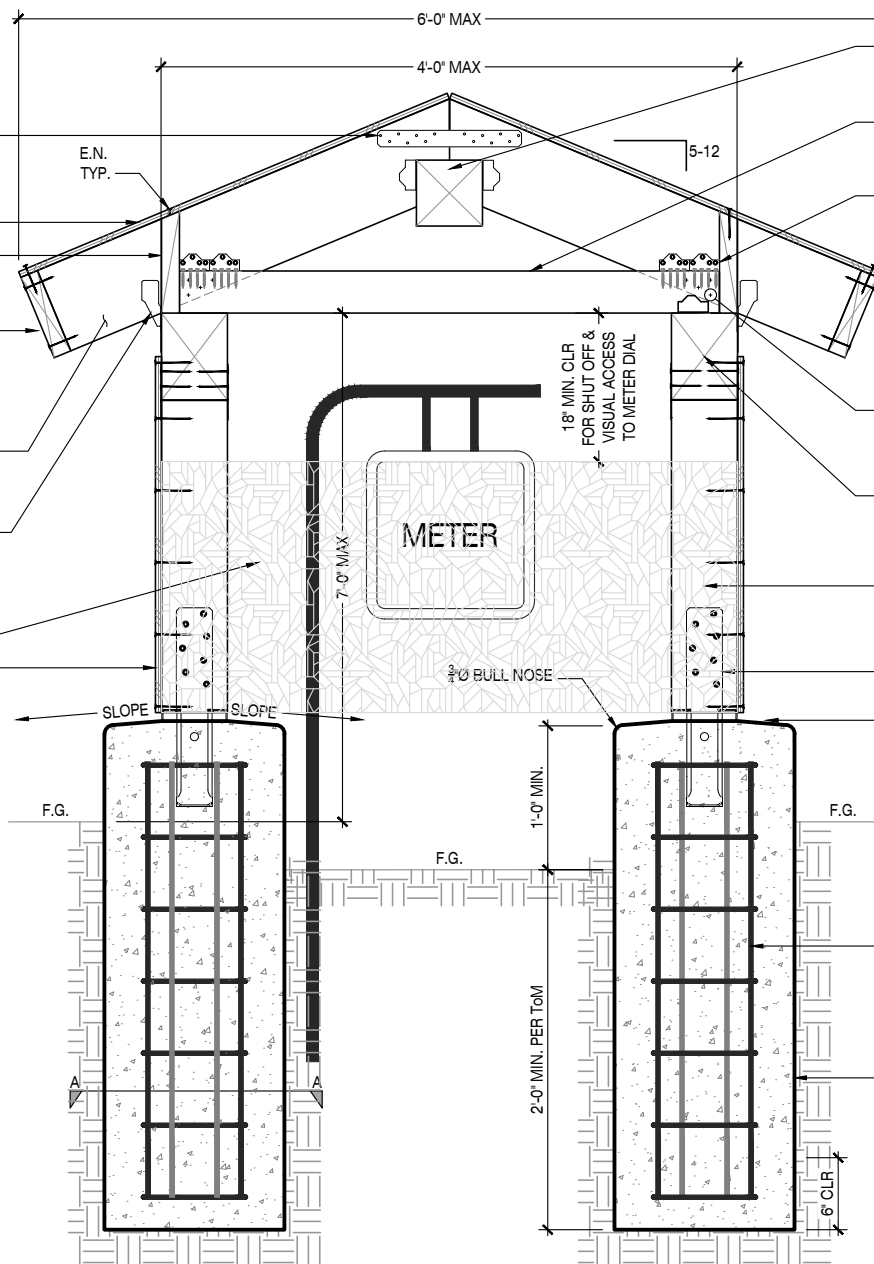
1" STANDOFF
FROM CONC.
PEDESTAL
SLOPE AWAY
FROM POST,
TYP.

(4) #4 VERTICAL
BARS & #3 SPIRAL
TIES AT 6" O.C.
ALT: #3 SQ TIES

CONCRETE SHALL
HAVE A 4,500 PSI
MIN. STRENGTH



SECTION A-A



1

GABLE ROOF - FRONT VIEW (500 PSF ROOF SNOW LOAD)

SCALE: 1 : 16



STRUCTURAL
ENGINEERS

SHEET S1

27369 VIA INDUSTRIA
TEMECULA, CA 92590
TELE: 951-600-0032
WWW.ISEENGINEERS.COM

MAMMOTH LAKES

CALIFORNIA

PROJECT DESCRIPTION

LPG PROTECTIVE COVER

REV.

DATE

DESIGNED / DRAWN BY:

1

01.09.2025

G.M.D.

2

08.20.2025

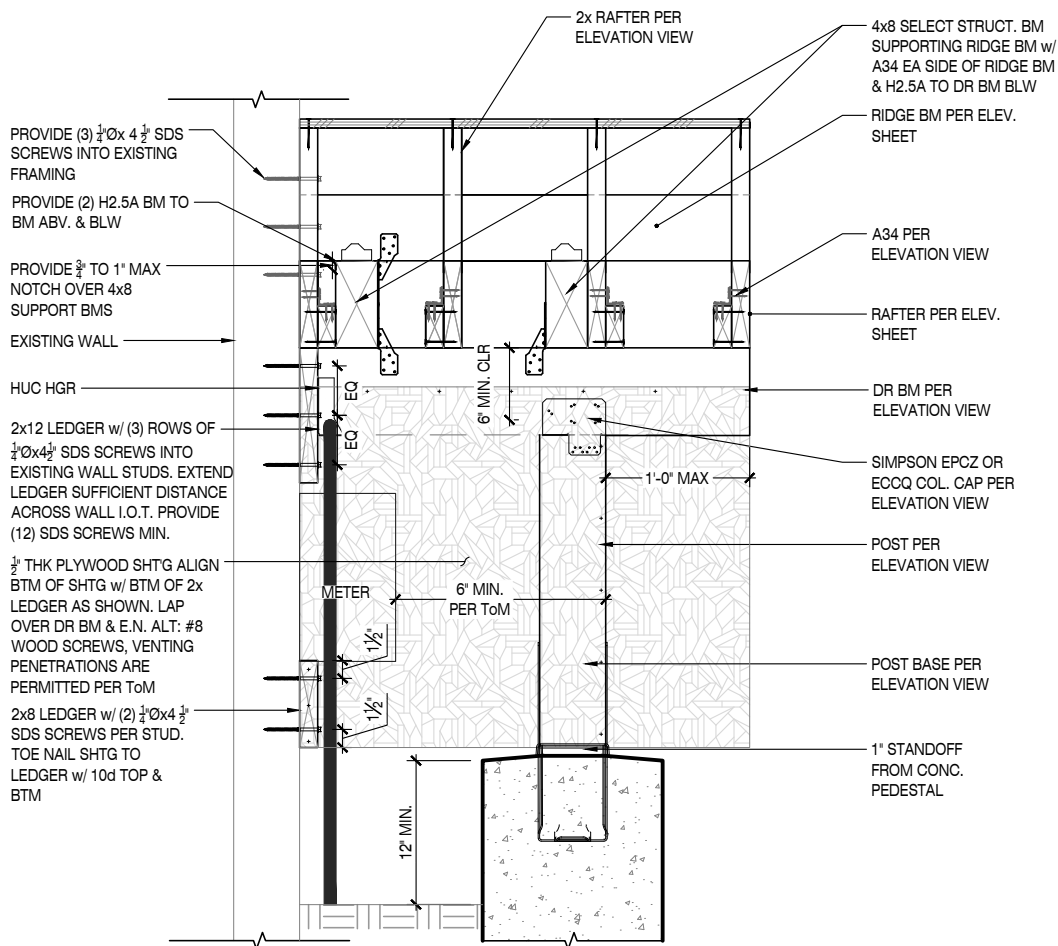
G.M.D.

-

-

-

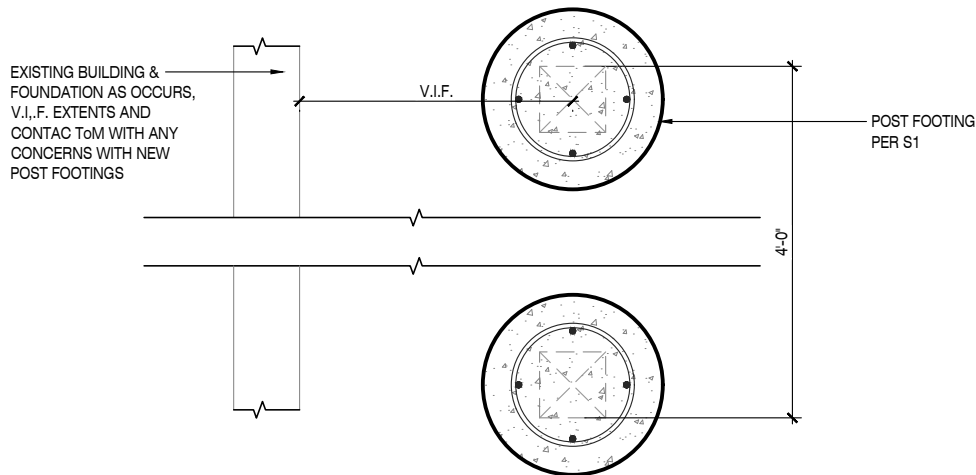
-



2

GABLE ROOF SIDE VIEW

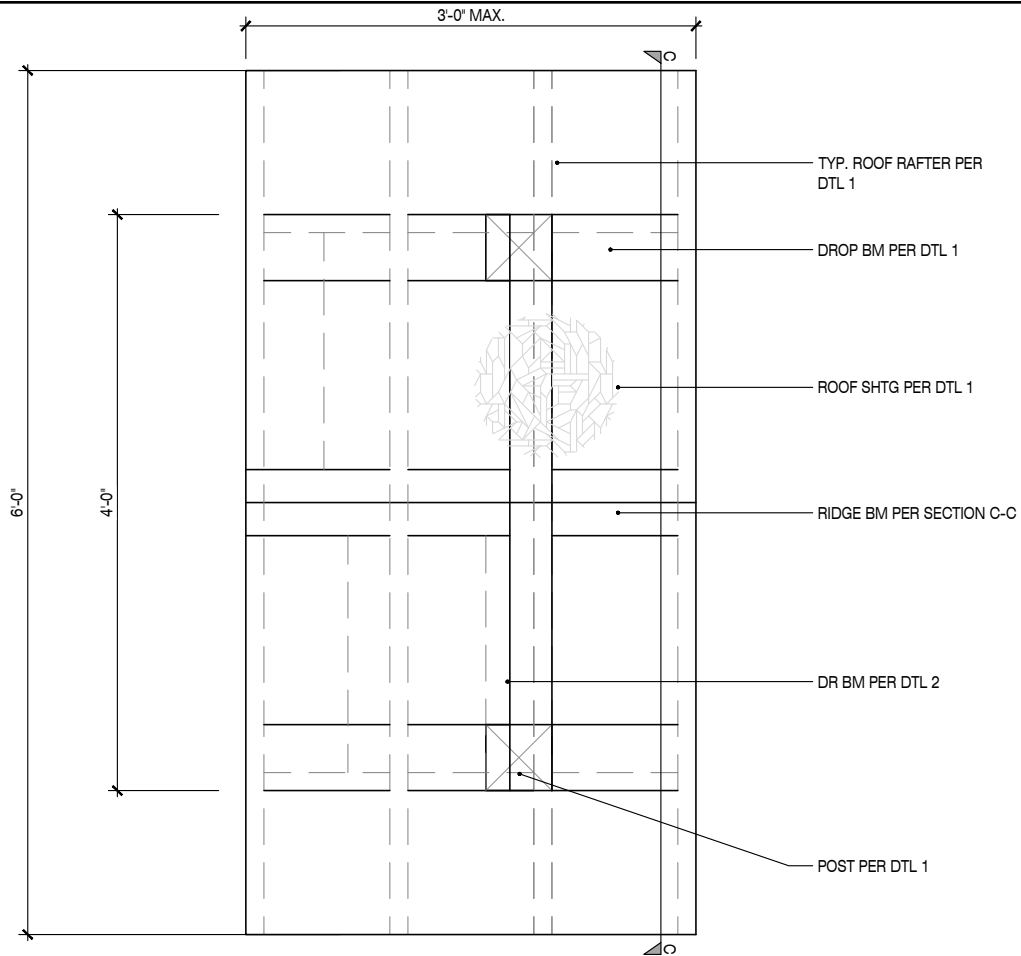
SCALE: 1 : 16



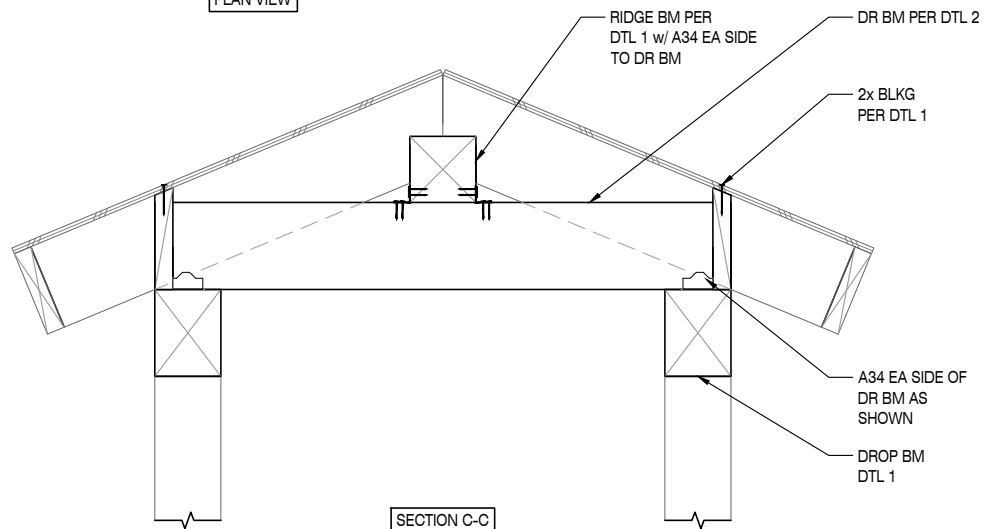
2A

FOUNDATION LAYOUT SIDE VIEW

SCALE: 1 : 16



PLAN VIEW

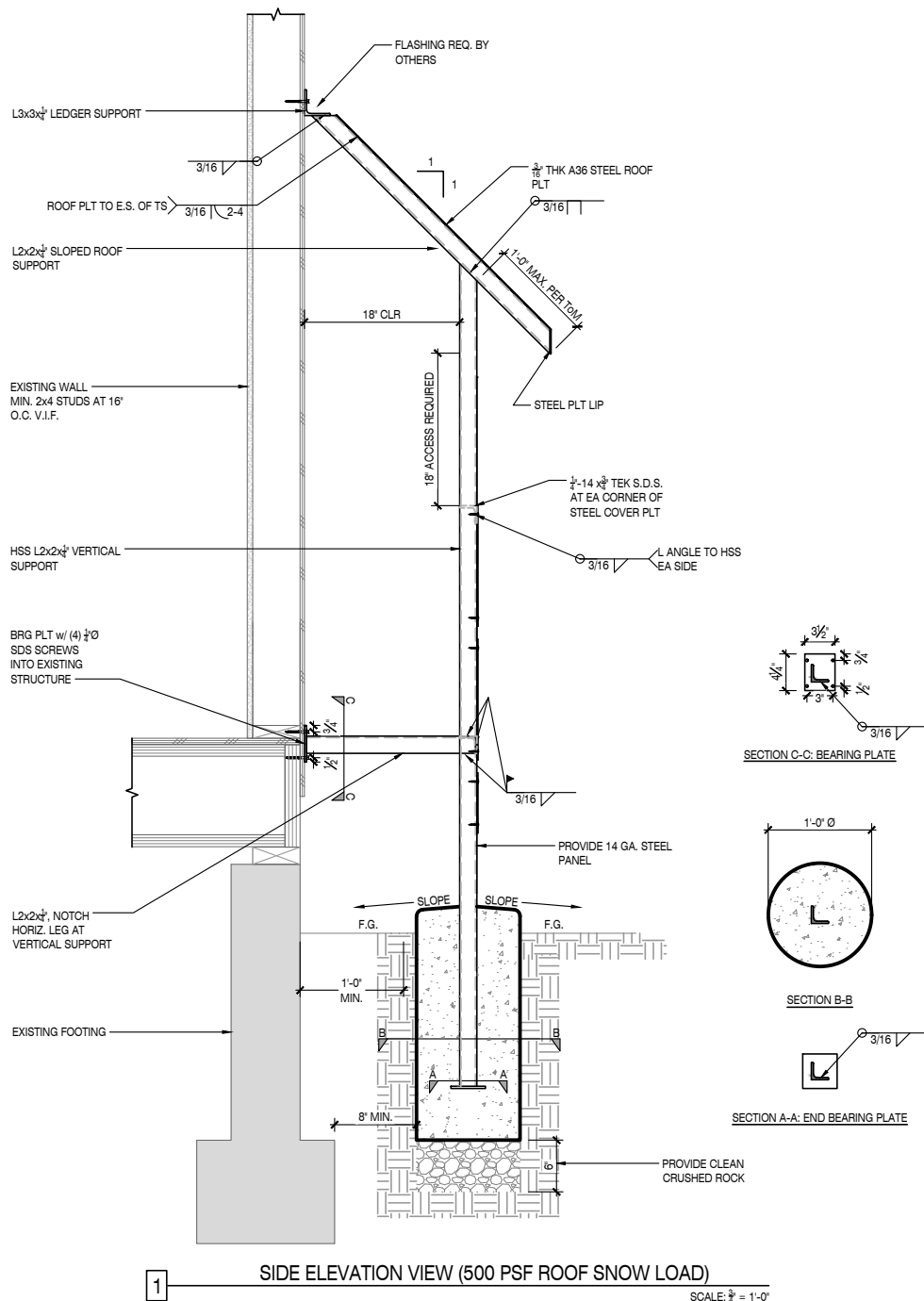


SECTION C-C

3

RIDGE BEAM TO SUPPORTING BEAM CONNECTION

SCALE: 1 : 16



L3x3x $\frac{1}{4}$ ", w/ $\frac{1}{8}$ " x 1" SLOTTED HOLES FOR LAG SCREWS

PROVIDE (4) $\frac{3}{8}$ "x5" LAG SCREWS INTO EXISTING WALL STUDS

PROVIDE ACCESS TO REGULATOR/METER VALVE ASSEMBLY, NO PANEL AT FRONT FOR UPPER 18"

ROOF PROJECTION NOT SHOWN FOR CLARITY, SEE SIDE VIEW

S.D.S. TEK EA SIDE OF STEEL COVER PLT TO WELDED TAB

$\frac{1}{4}$ " THK A36 STEEL BENT PLT TYP. OF (4)

L2x2x $\frac{3}{16}$ " EA SIDE OF HSS

$\frac{1}{2}$ " GAP, TYP.

L2x2x $\frac{3}{16}$ " EA SIDE

HORIZONTAL L2x2x $\frac{3}{16}$ "
VERTICAL HSS
 $\frac{3}{16}$ " ALL 3 SIDES
SECTION D-D

SDS TEK EA SIDE OF HSS
L ANGLE TO HSS $\frac{3}{16}$ "
 $\frac{3}{16}$ " L ANGLE TO HSS
STEEL COVER PANEL TO WELDED TAB CONNECTION

$\frac{3}{4}$ " x 4" SQ BRNG PLT SEE SIDE ELEVATION VIEW FOR ADDTL INFO. TYP. OF (2)

2

FRONT ELEVATION VIEW

SCALE: $\frac{3}{8}$ " = 1'-0"



STRUCTURAL
ENGINEERS

SHEET S5

27369 VIA INDUSTRIAL
TEMECULA, CA 92590
TEL: 951-600-0032

WWW.ISEENGINEERS.COM

MAMMOTH LAKES

CALIFORNIA

PROJECT DESCRIPTION

LPG PROTECTIVE COVER

REV.

DATE

DESIGNED / DRAWN BY:

1

01.09.2025

G.M.D.

2

08.20.2025

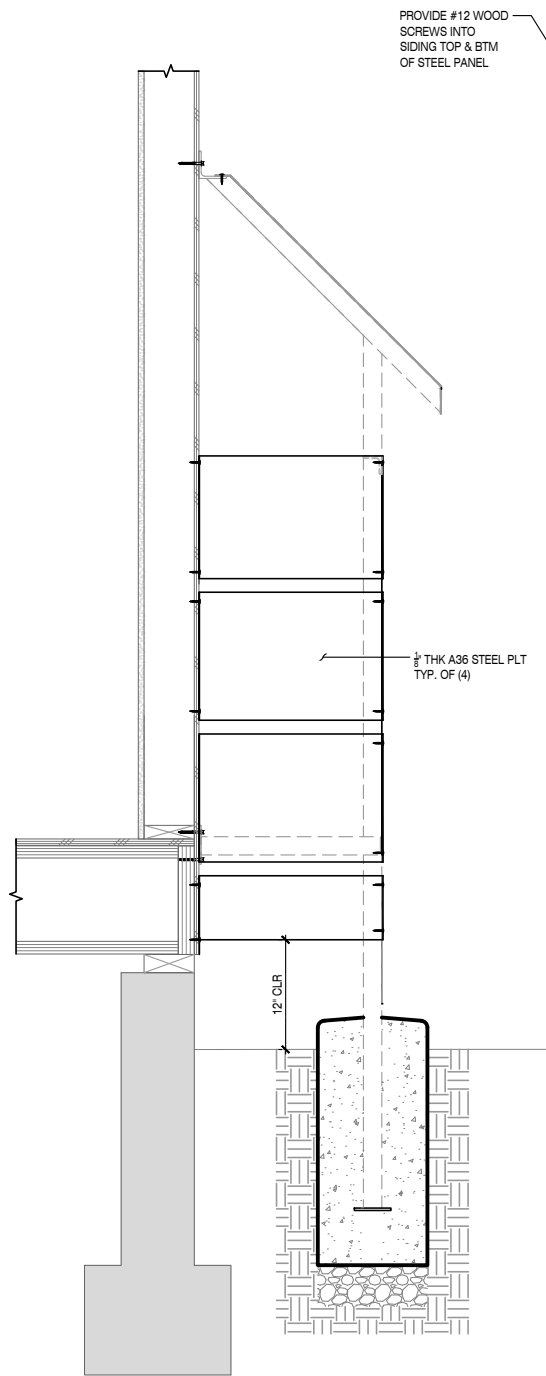
G.M.D.

-

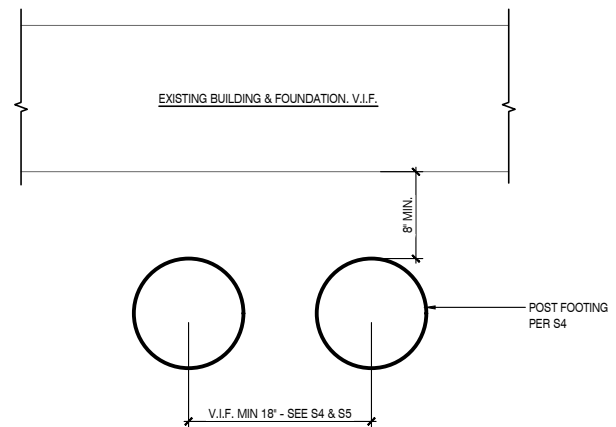
-

-

-



1 SIDE ELEVATION VIEW OF STEEL PANELS
SCALE: 3/8" = 1'-0"



1A PLAN VIEW OF FOUNDATION LAYOUT
SCALE: 3/8" = 1'-0"



STRUCTURAL
ENGINEERS

SHEET S6

27369 VIA INDUSTRIAL
TEMECULA, CA 92590
TEL: 951-600-0032

WWW.ISEENGINEERS.COM

MAMMOTH LAKES

CALIFORNIA

PROJECT DESCRIPTION

LPG PROTECTIVE COVER

REV.

DATE

DESIGNED / DRAWN BY:

1

01.09.2025

G.M.D.

2

08.20.2025

G.M.D.

-

-

-

-