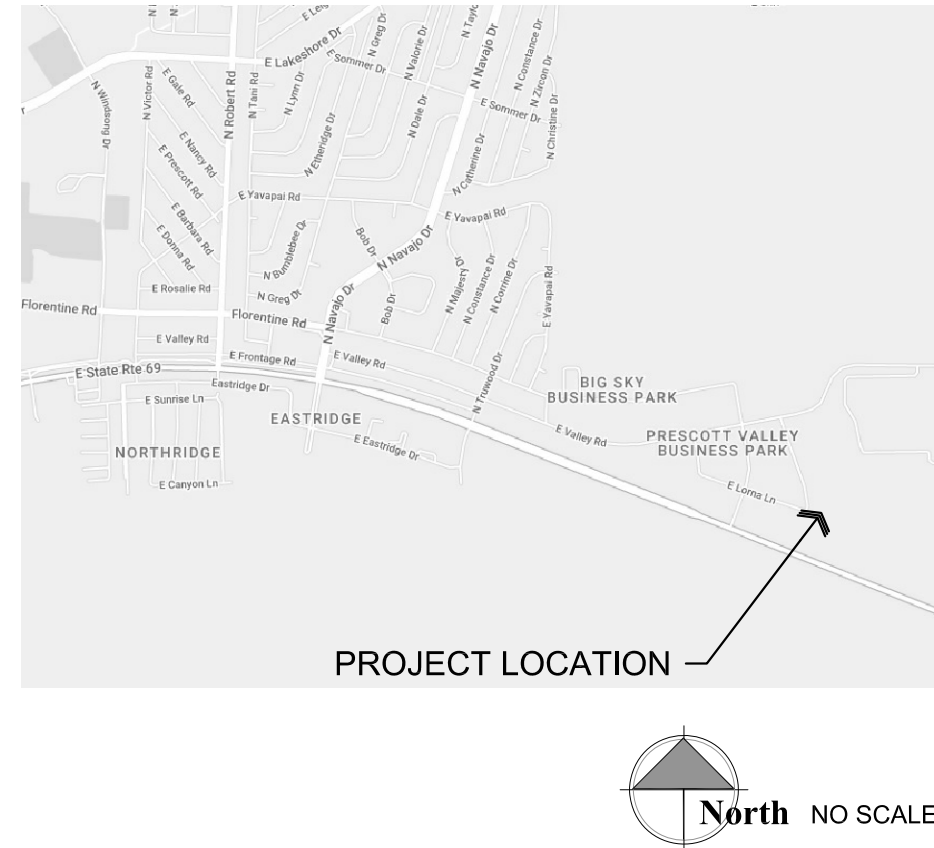


Stepping Stones

PRESCOTT VALLEY, ARIZONA

Vicinity Map



Project Information

OWNER: Stepping Stones
2651 N. Industrial Way
Prescott Valley, Arizona 86314

CONTACT: Robin Burke
928-710-8528
robin@steppingstonesAZ.org

CONTRACTOR: Kenson Construction Company Inc.
6135 Corsair Avenue
Prescott, AZ 86301

PREPARED BY: W. Alan Kenson & Associates, P.C.
P.O. Box 11593
Prescott, AZ 86304
928-443-5812
wakaarchitect@gmail.com

JOBSITE ADDRESS: 2651 N. Industrial Way
Prescott Valley, Arizona 86314

PARCEL NUMBER: 402-28-016A

LOT AREA: 5.95 Acres

ZONING: M1, PM

CURRENT CODE: 2018 International Building Code

EXISTING BLDG SQ. FT.: 39,152 S.F.

SITE USE: Mercantile

OCCUPANCY: M

CONSTRUCTION TYPE: Type II-B

PARKING: Existing and Adequate

Sheet Index

ARCHITECTURAL

CS Cover Sheet / Project Information

A1.0 Architectural Site Plan

A2.0 Reference Floor Plan

A3.0 Sections

A4.0 Elevations

STRUCTURAL

S0 Structural General Notes

S1 Foundation and Framing plans

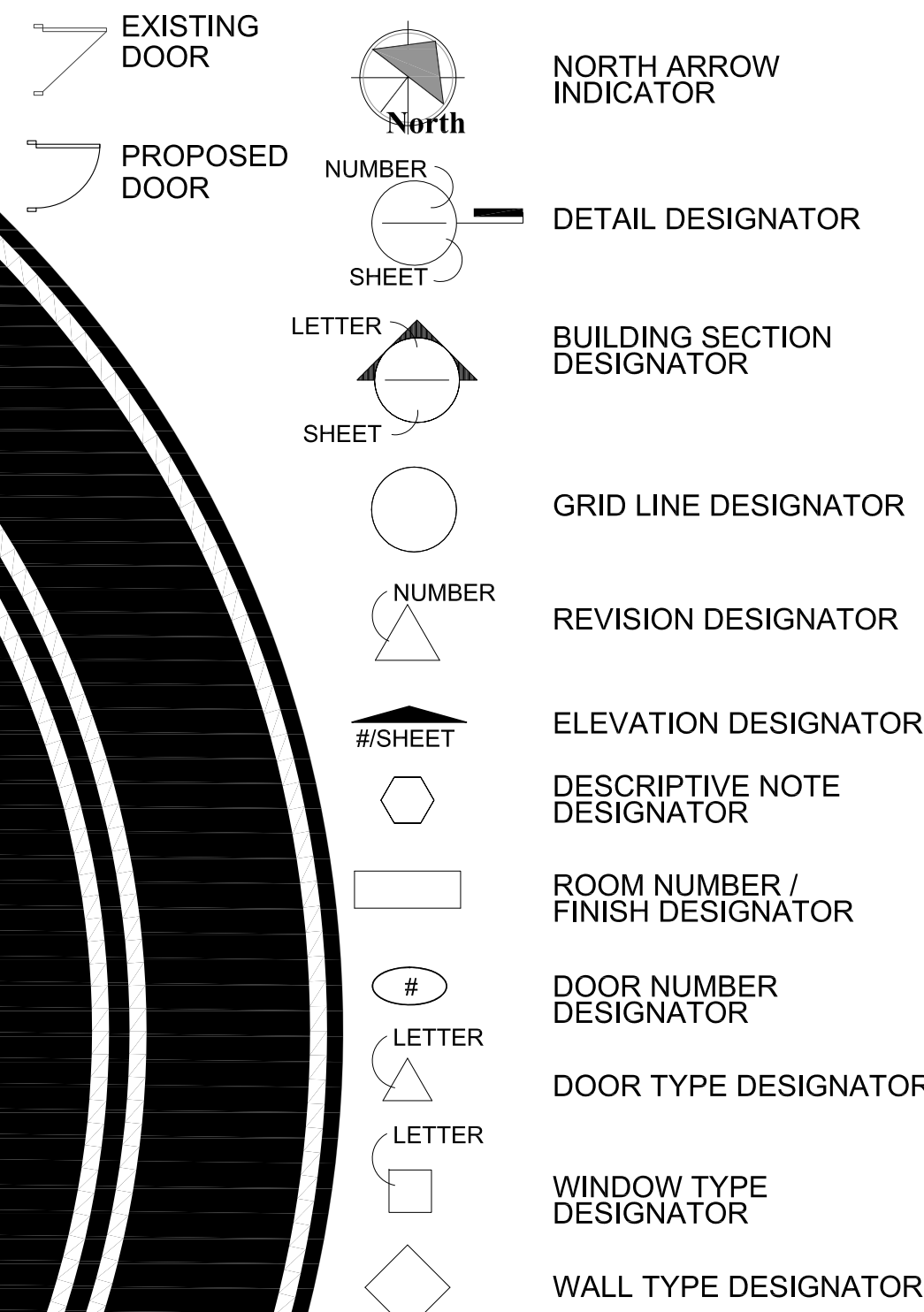
S2 Framing Elevations

S3 Foundation and Framing Details

ELECTRICAL

E1.1 Lighting and Power Floor Plan

Graphic Standards



Project Description

STEPPING STONES INTENDS TO BUILD A 1,326 S.F. COVER FOR THEIR EXISTING DRIVE THRU DONATION DROP OFF AREA. A PORTION OF THE NEW COVERED AREA WILL BE PARTIALLY ENCLOSED FOR WEATHER PROTECTION.

Architect:

W. Alan Kenson & Associates, P.C.

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email: waka@cableone.net
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ARCHITECTURE & PLANNING



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ARCHITECTURE & PLANNING

DRAWING: Cover Sheet

PROJECT: Stepping Stones
2651 N. Industrial Way
Prescott Valley, AZ 86314

APN: 402-28-016A

DRAWN BY
L.O.
CHECKED BY
W.A.K.
DATE
November 17th, 2022
JOB NO.
787
SHEET

CS1

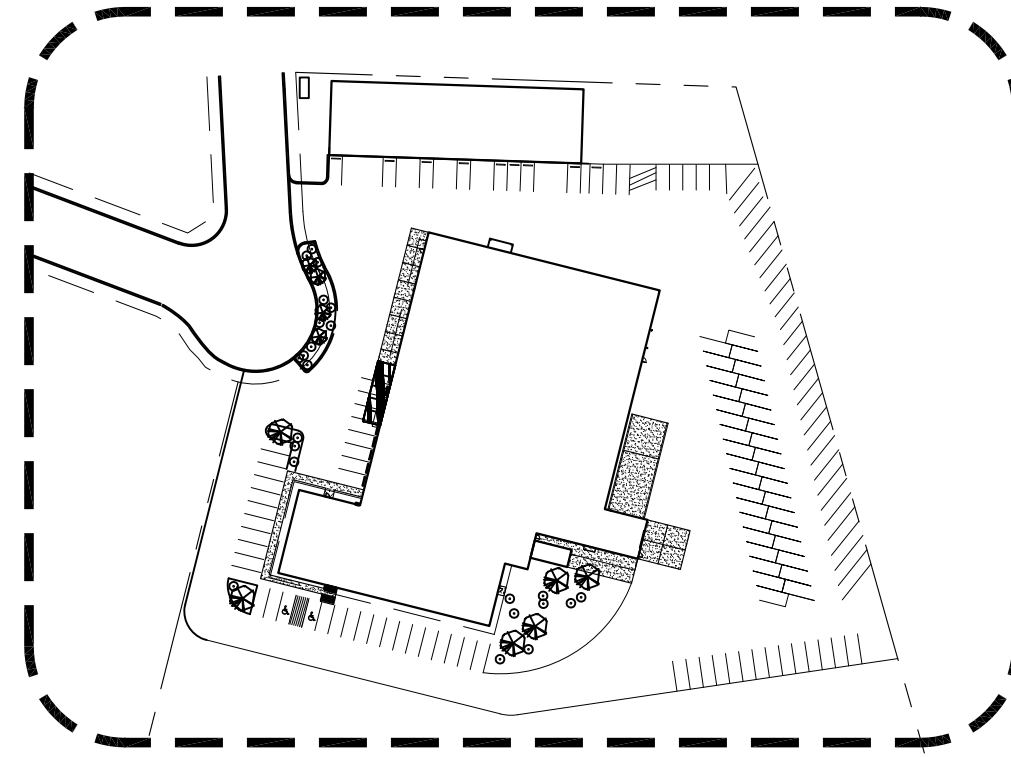
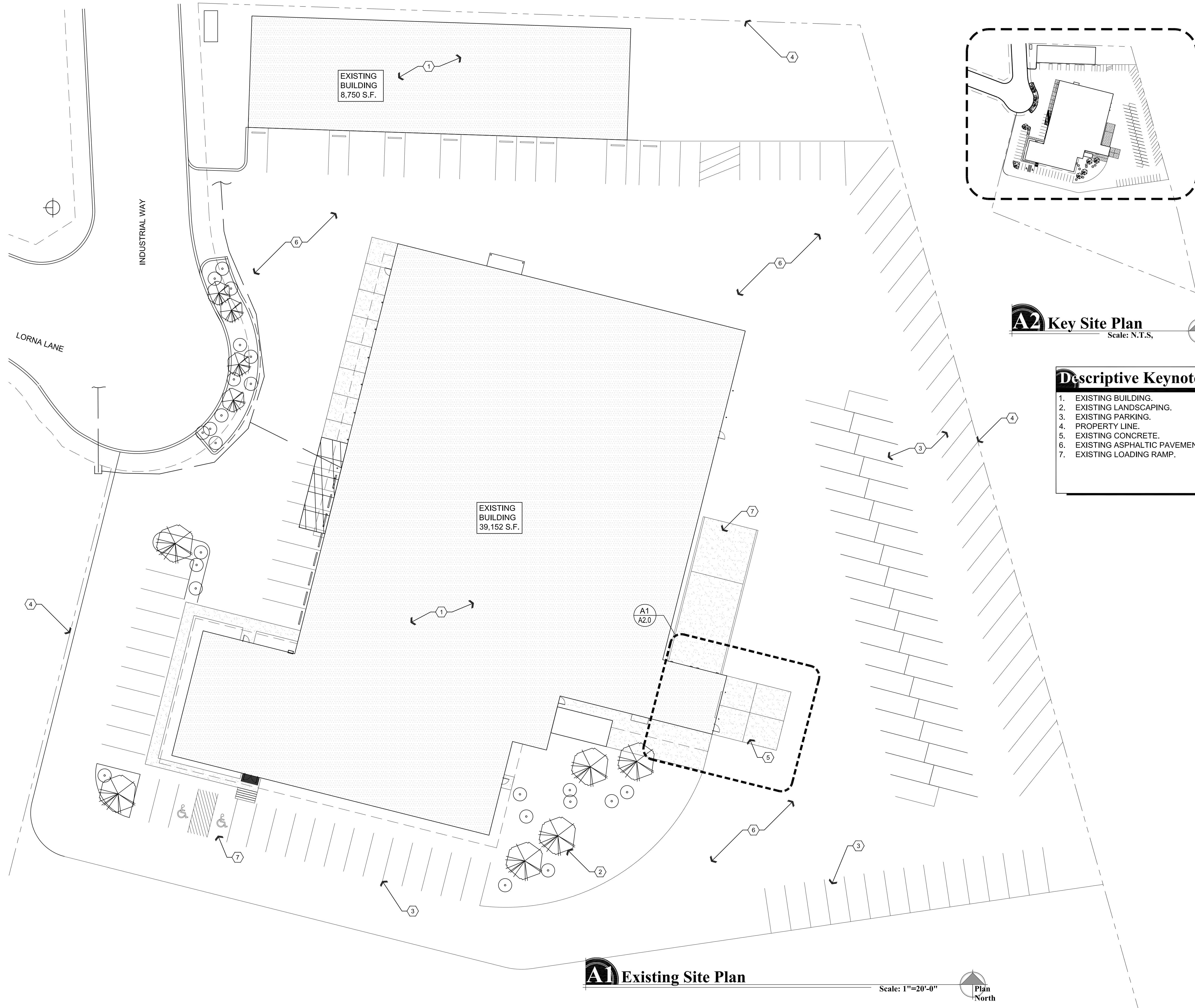
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BY

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W. Alan Kenson & Associates, P.C. 25646 W. ALAN KENSON REG. ARCHITECT NO. 171702 ARIZONA EXPIRES: 6/30/24

Nov 17, 2022 - 11:33am



A2 Key Site Plan
Scale: N.T.S.,
Plan North

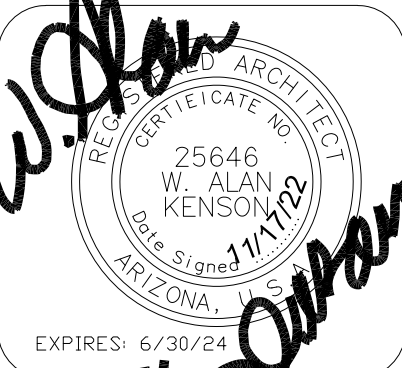
Descriptive Keynotes

- 1. EXISTING BUILDING.
- 2. EXISTING LANDSCAPING.
- 3. EXISTING PARKING.
- 4. PROPERTY LINE.
- 5. EXISTING CONCRETE.
- 6. EXISTING ASPHALTIC PAVEMENT.
- 7. EXISTING LOADING RAMP.

A1 Existing Site Plan
Scale: 1"=20'-0"
Plan North

REVISIONS	BY

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ARCHITECTURE & PLANNING

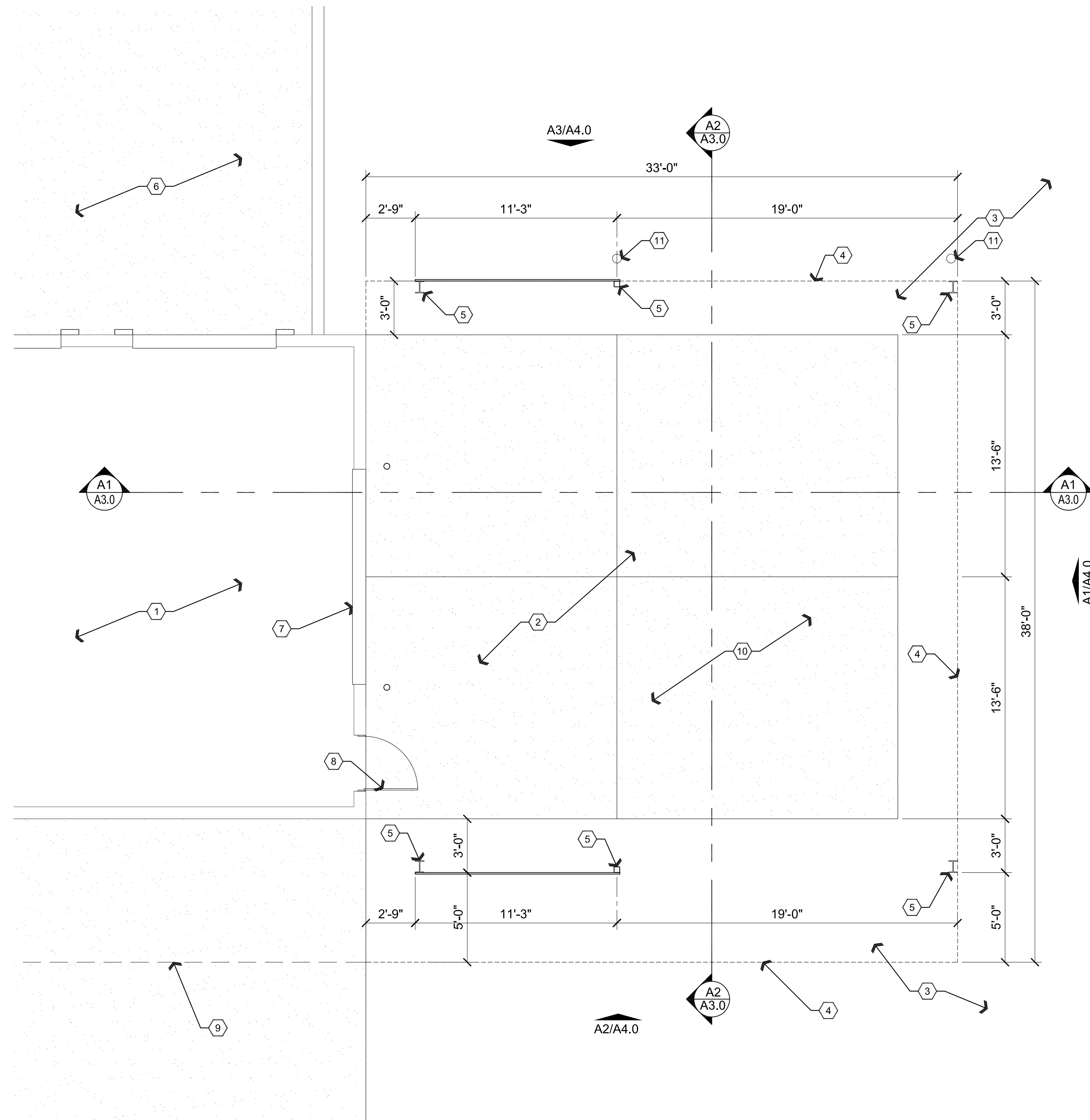
DRAWING: Existing Site Plan

PROJECT: Stepping Stones
2651 N. Industrial Way
Prescott Valley, AZ 86314

APN: 402-28-016A

DRAWN BY L.O.
CHECKED BY W.A.K.
DATE November 17th, 2022
JOB. NO. 787
SHEET

A1.0



Reference / Dimension Floor Plan

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



Descriptive Keynotes

1. EXISTING BUILDING.
2. EXISTING CONCRETE SLAB.
3. EXISTING ASPHALTIC PAVEMENT.
4. PROPOSED ROOF LINE ABOVE.
5. PROPOSED COLUMN, REFER TO STRUCTURAL PLANS.
6. EXISTING LOADING RAMP.
7. EXISTING ROLL UP DOOR.
8. EXISTING MAN DOOR.
9. EXISTING ROOF LINE ABOVE.
10. EXISTING OPEN DRIVE-THRU DROP OFF AREA.
11. PLASTIC BOLLARD BY OWNER.

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EXPIRES: 6/30/24

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HITECTURE & PLANNING

ARCHITECTURE & PLANNING

DRAWING: Reference / Dimension Floor Plan

PROJECT:

APN:

Stepping Stones
2651 N. Industrial Way
Prescott Valley, AZ 86314
402-28-016A

DRAWN BY
L.O.

CHECKED BY
W.A.K.

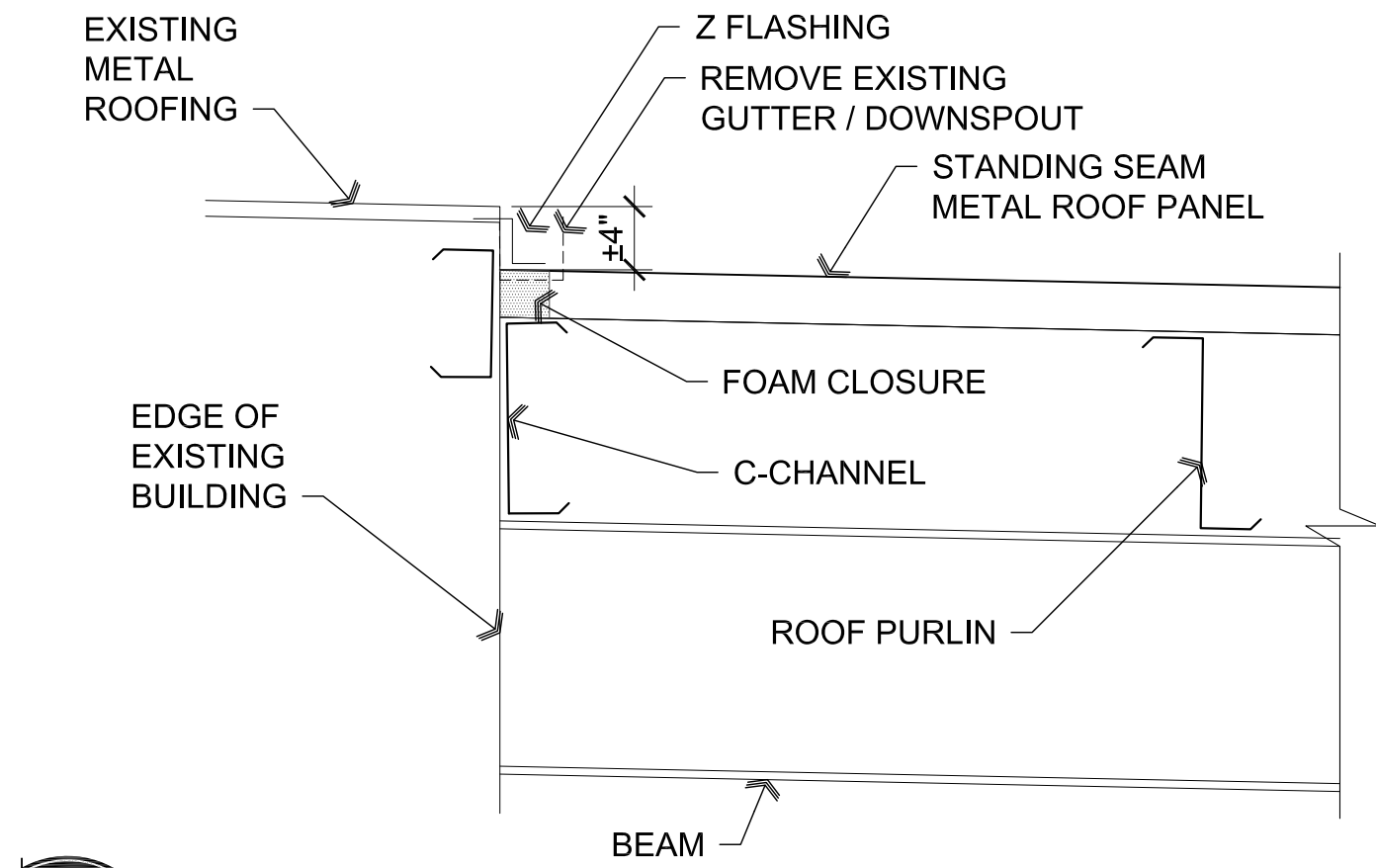
DATE
September 17th, 2022

JOB NO.
787

SHEET

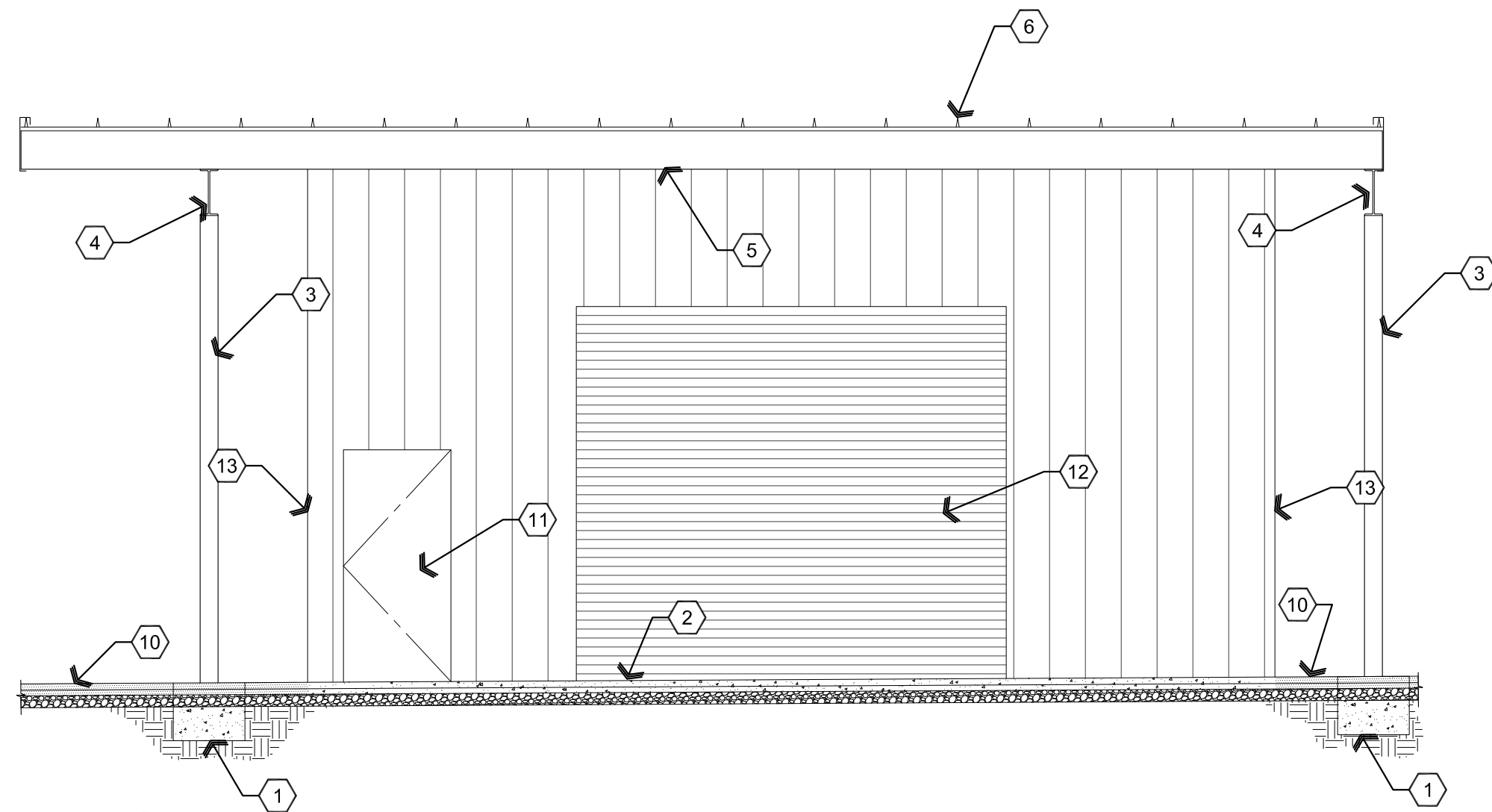
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Nov 17, 2022 - 12:03pm



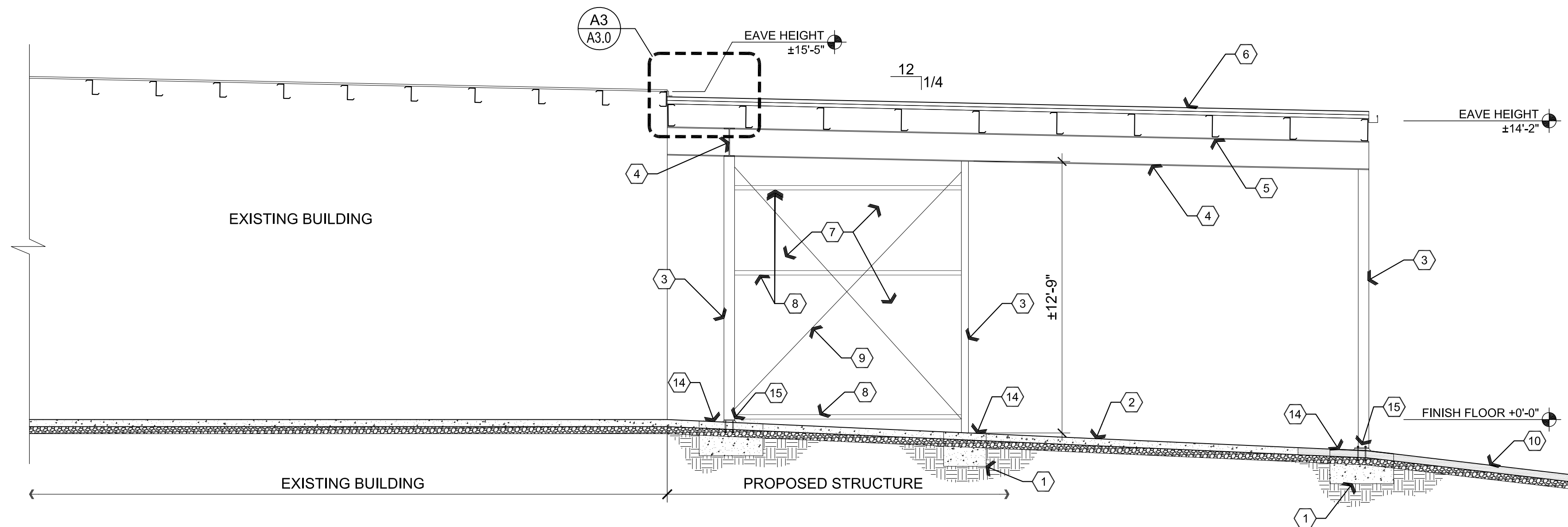
A3 Roof Flashing

SCALE: 1" = 1'-0"



A2 Section

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



A1 Section

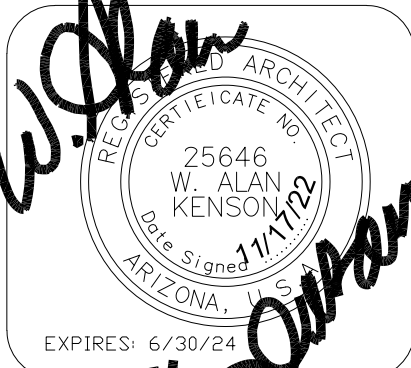
Scale: 1/4"=1'-0"

Descriptive Keynotes

1. PROVIDE CONCRETE FOOTING. REFER TO STRUCTURAL PLANS.
2. EXISTING CONCRETE SLAB.
3. PROVIDE STEEL COLUMN, REFER TO STRUCTURAL PLANS.
4. PROVIDE STEEL BEAM, REFER TO STRUCTURAL PLANS.
5. PROVIDE ROOF PURLIN, TYPICAL. REFER TO STRUCTURAL PLANS.
6. PROVIDE 24 GAUGE GALVALUME STANDING SEAM SHEET METAL ROOF PANELS, REFER TO MATERIALS SCHEDULE.
7. PROVIDE 26 GAUGE "PBR" METAL BUILDING SIDING PANEL, REFER TO MATERIALS SCHEDULE.
8. PROVIDE STEEL GIRT, TYPICAL. REFER TO STRUCTURAL PLANS.
9. PROVIDE STEEL ROD BRACING, REFER TO STRUCTURAL PLANS.
10. EXISTING ASPHALT.
11. EXISTING MAN DOOR.
12. EXISTING OVERHEAD DOOR.
13. EDGE OF EXISTING BUILDING BEYOND.
14. TOP OF CONCRETE FOOTING TO BE SLOPED AND FLUSH WITH SURROUNDING ASPHALT.
15. COLUMN BASE PLATE TO BE SUPPORTED BY ANCHOR BOLTS WITH LEVELING NUTS AND DRY PACK, REFER TO STRUCTURAL PLANS.

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ARCHITECTURE & PLANNING

DRAWING: Sections

PROJECT:

Stepping Stones
2651 N. Industrial Way
Prescott Valley, AZ 86314

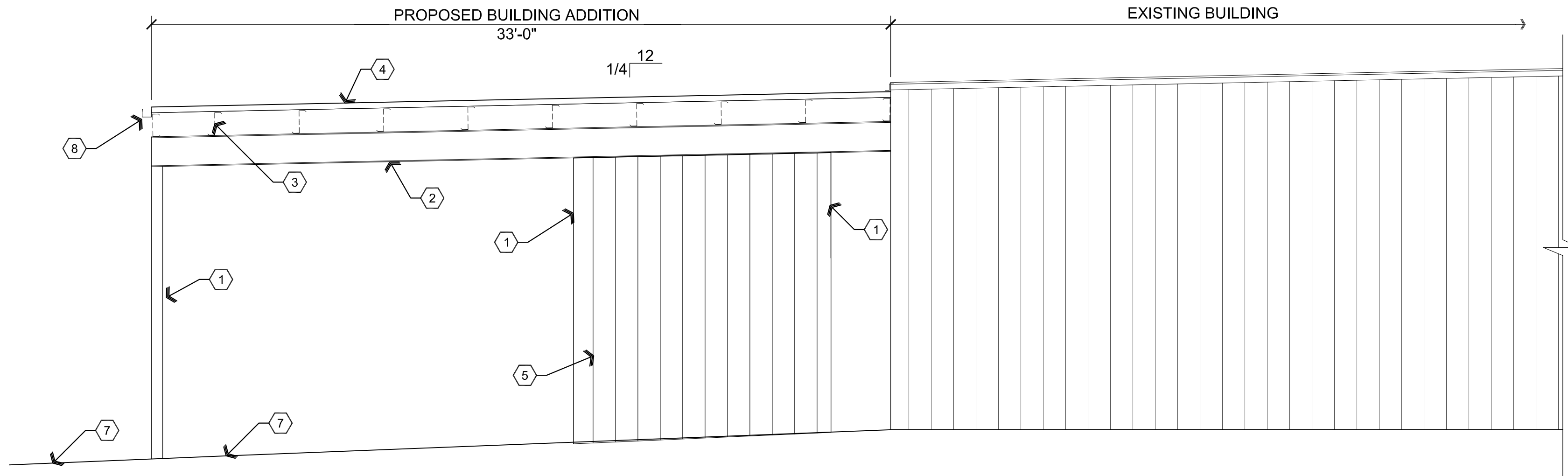
APN:

402-28-016A

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CHECKED BY W.A.K.
DATE November 17th, 2022
JOB NO. 787
SHEET

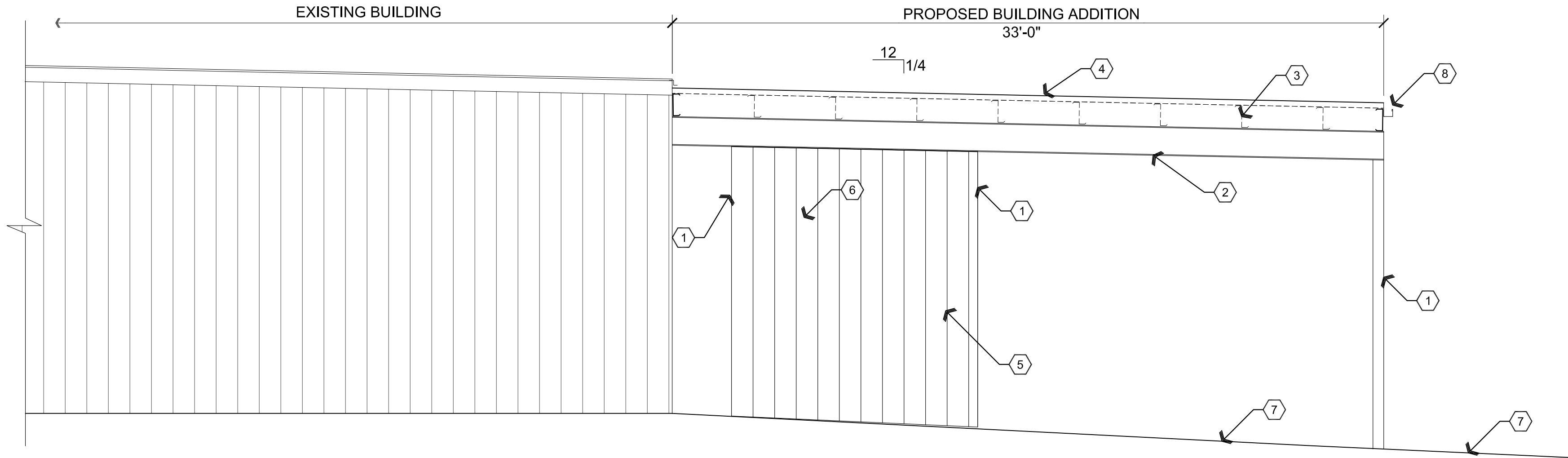
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Nov 17, 2022 - 12:03pm



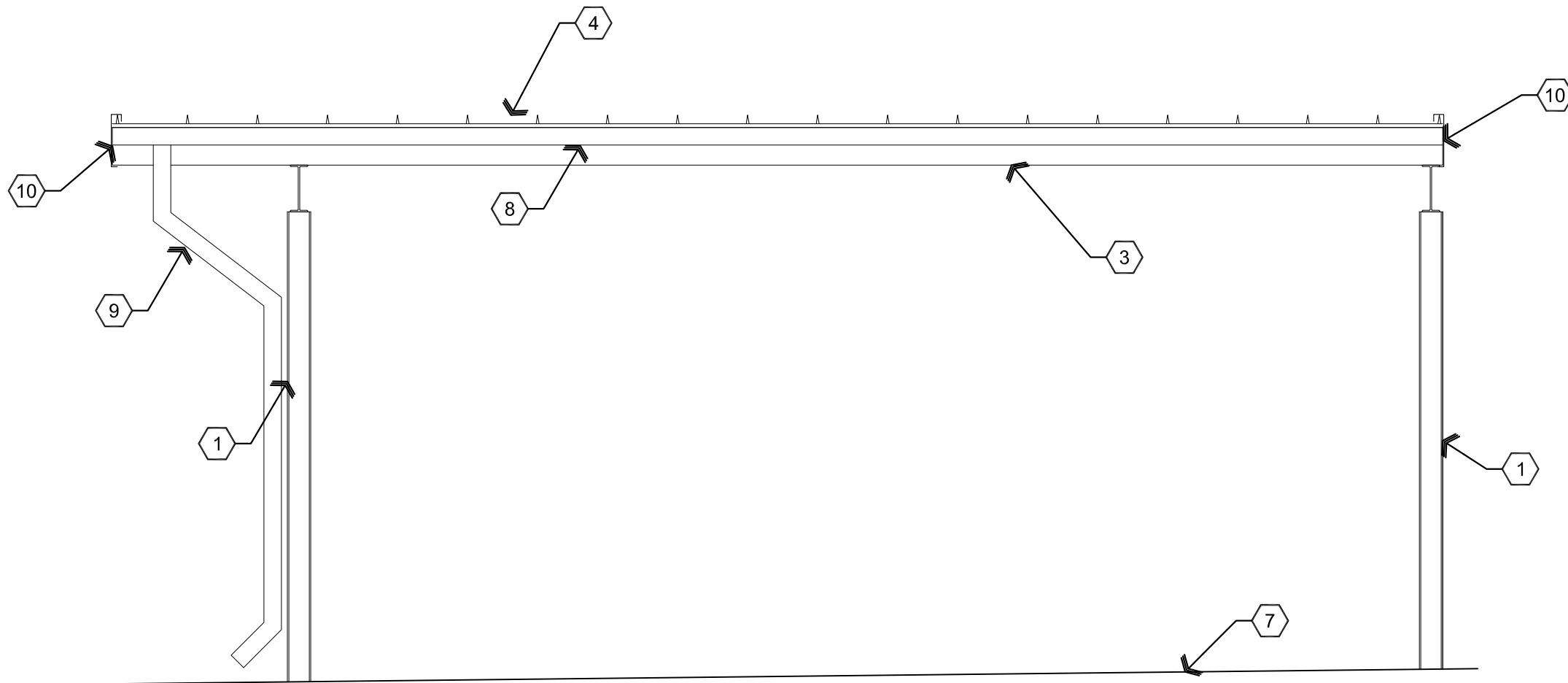
A3 North Elevation

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



A2 South Elevation

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



A1 East Elevation

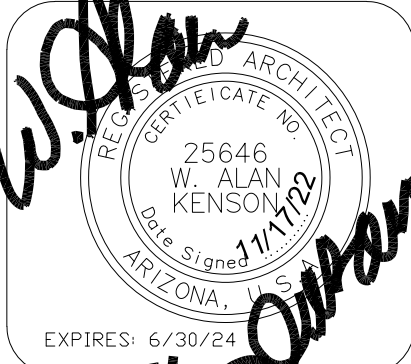
Scale: 1/4"=1'-0"

Descriptive Keynotes

1. PROVIDE STEEL COLUMN, REFER TO STRUCTURAL PLANS.
2. PROVIDE STEEL BEAM, REFER TO STRUCTURAL PLANS.
3. PROVIDE ROOF PURLIN, TYPICAL. REFER TO STRUCTURAL PLANS.
4. PROVIDE 24 GAUGE GALVALUME STANDING SEAM SHEET METAL ROOF PANELS, REFER TO MATERIALS SCHEDULE.
5. PROVIDE 26 GAUGE "PBR" METAL BUILDING SIDE PANEL, REFER TO MATERIALS SCHEDULE.
6. PROVIDE STEEL ROD BRACING, REFER TO STRUCTURAL PLANS.
7. EXISTING CONCRETE / ASPHALT PAVING.
8. PROVIDE SHEET METAL GUTTER, REFER TO MATERIALS SCHEDULE.
9. PROVIDE SHEET METAL DOWNSPOUT, REFER TO MATERIALS SCHEDULE.
10. PROVIDE METAL FASCIA TRIM, REFER TO MATERIALS SCHEDULE.

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ARCHITECTURE & PLANNING

DRAWING: Elevations

PROJECT: Stepping Stones
2651 N. Industrial Way
Prescott Valley, AZ 86314

APN: 402-28-016A

DRAWN BY L.O.
CHECKED BY W.A.K.
DATE November 17th, 2022
JOB. NO. 787
SHEET

A4.0

Nov 16, 2022 - 3:01pm

GENERAL STRUCTURAL NOTES

... APPLY UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS

CODE: Comply with 2018 IBC

SEISMIC: Soils Site Class D
Seismic Design Category C
Seismic Use Group 1

WIND: Basic wind speed 115 m.p.h., exposure C.

SUPERIMPOSED LOADS

LIVE LOADS: 30 psf (SNOW)

METAL ROOF: 0.9 psf

PURLINS: 1.5 psf

MISC: 2.0 psf

TOTAL: 4.4 psf

FOUNDATIONS:

Bear at 2'-0" below finished grade on undisturbed soil.
Allowable bearing pressure = 2000 psf

SOILS REEPORT:

Soils report by Copeland Geotechnical, Dated Aug. 25, 1994, #130.01

SPECIAL INSPECTIONS:

- Concrete
- field welding

CONCRETE

Shall meet all the requirements of ACI 301-16 with Type II cement. Minimum 28 day strength 3,000 p.s.i., (2500 used in design, no Special inspection required).

No admixtures without approval. Admixtures containing chlorides shall not be used. Concrete shall not be in contact with aluminum.

Mechanically vibrate all concrete when placed, except that slabs on grade need be vibrated only around embedded items. Slump 4 inches for slabs not on grade and 5 inches for other concrete. Do not add water to concrete at site.

All reinforcing, including dowels and anchor bolts, shall be securely tied in location before placing concrete or grout. Dowels will not be allowed to be "stabbed" in.

REINFORCING:

ASTM A-615 Grade 60 except as follows:

#2 bars..... Grade 40

Welded anchors..... Grade 40, chemical analysis limited per AWS spec for weld without preheat.
Also see "Welding" below.

COLD-FORMED STEEL STUDS AND JOISTS:

Steel stud system shall be designed by stud manufacturer, to the minimum criteria noted below and shown on plans. Submit for review prior to proceeding with work. All 16 gage and heavier cee, zee, eaves strut, tracks and straps shall be AISI Specifications with 57,000 p.s.i. yield stress. All other stud material shall be 33,000 p.s.i. steel of standard commercial quality.

Web stiffeners shall be provided at reaction points and/or at points of concentrated loads.

Joist bridging shall be provided as required by manufacturer. Additional joists shall be provided around all floor and roof openings which interrupt one or more spanning members, unless otherwise noted.

End blocking shall be provided where joist ends are not otherwise restrained from rotation.

STRUCTURAL STEEL:

ASTM A-992 50 ksi

Bolts ASTM A-325.

Bolts embedded in concrete ASTM A-307.

See "Welding" section for special requirements.

26 GAGE "R" PANEL, METAL SIDING PANELS:

Steel Deck Institute specifications and recommendations apply, except as noted otherwise. Deck siding shall be painted, minimum 26 gage, MCB1 36" width, with minimum $S_x(t) = 0.039$ & $S_x(b) = 0.0437$ inch cubed per foot of width ICBO #ER-S409P). Deck units shall be continuous over three spans, except that simple spans are required where deck warps to meet roof slopes. Use next heavier gage for simple or two span continuous conditions.

24 GAGE 'ULTRA DECK', ROOF PANELS:

WELDING:

All construction and testing per American Welding Society codes and recommendations. All welding shall be by welders holding current valid certificates and having current experience in type of weld called for.

Welding rods to be low hydrogen type, E70 Series, per AWS D1.1 typically except E-6010 Series for steel sheet metal per AWS D1.3 and reinforcing weldments per AWS D1.4. Use E90 Series welding rods for A706 rebar.

All full-penetration groove or butt welded splices in material thicker than 5/16" shall be inspected by an independent testing laboratory, which shall test ultrasonically a sufficient number of welds but not less than 25 percent of total per welder, to certify all splices as meeting or exceeding strength of material spliced. Two copies of all test reports and a letter of such certification shall be submitted to the Architect.

Shop indicated welds may be done in field.

SUPPLEMENTARY NOTES:

Provide all temporary bracing, shoring, guying or other means to avoid excessive stresses and to hold structural elements in place during construction. Any members required to support equipment from the framing shown shall be designed and provided by the equipment Contractor. For connections, see details. If not shown or noted, minimum connections to be included in cost shall be two 3/4" diameter bolts or 3/16" fillet weld 4" long using 1/4" connection material and detailed to minimize bending in connection. Proceed after clarification through shop drawing submittal.

Options and approved substitutions are for Contractor's convenience. He shall be responsible for all changes and additional costs necessary and he shall coordinate all details.

Any engineering design provided by others and submitted for review shall be by an insured Structural Engineer with continuous five years of experience in the type of design submitted.

Unless noted otherwise, details on Structural Drawings are typical as indicated by cuts, references, or titles.

In case of conflicts, more costly requirements govern for bidding. Submit clarification request prior to proceeding with work.

Verify all dimensions with Architectural Drawings.

Contractor shall establish and verify in field all existing conditions affectin?g new construction. Contact Architect immediately if existing conditions are not as depicted in dr?awings.

All construction meeting or crossing expansion or shrinkage control joints in framed floors or roofs must have provisions to accommodate the movement or must be delayed until the joint is closed.



REVISIONS	BY

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REGISTERED
ARCHITECT
NO. 11593
STATE OF ARIZONA

W. Alan Kenson & Associates, P.C.

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Prescott, AZ 86304

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ARCHITECTURE & PLANNING

DRAWING: STRUCTURAL GENERAL NOTES

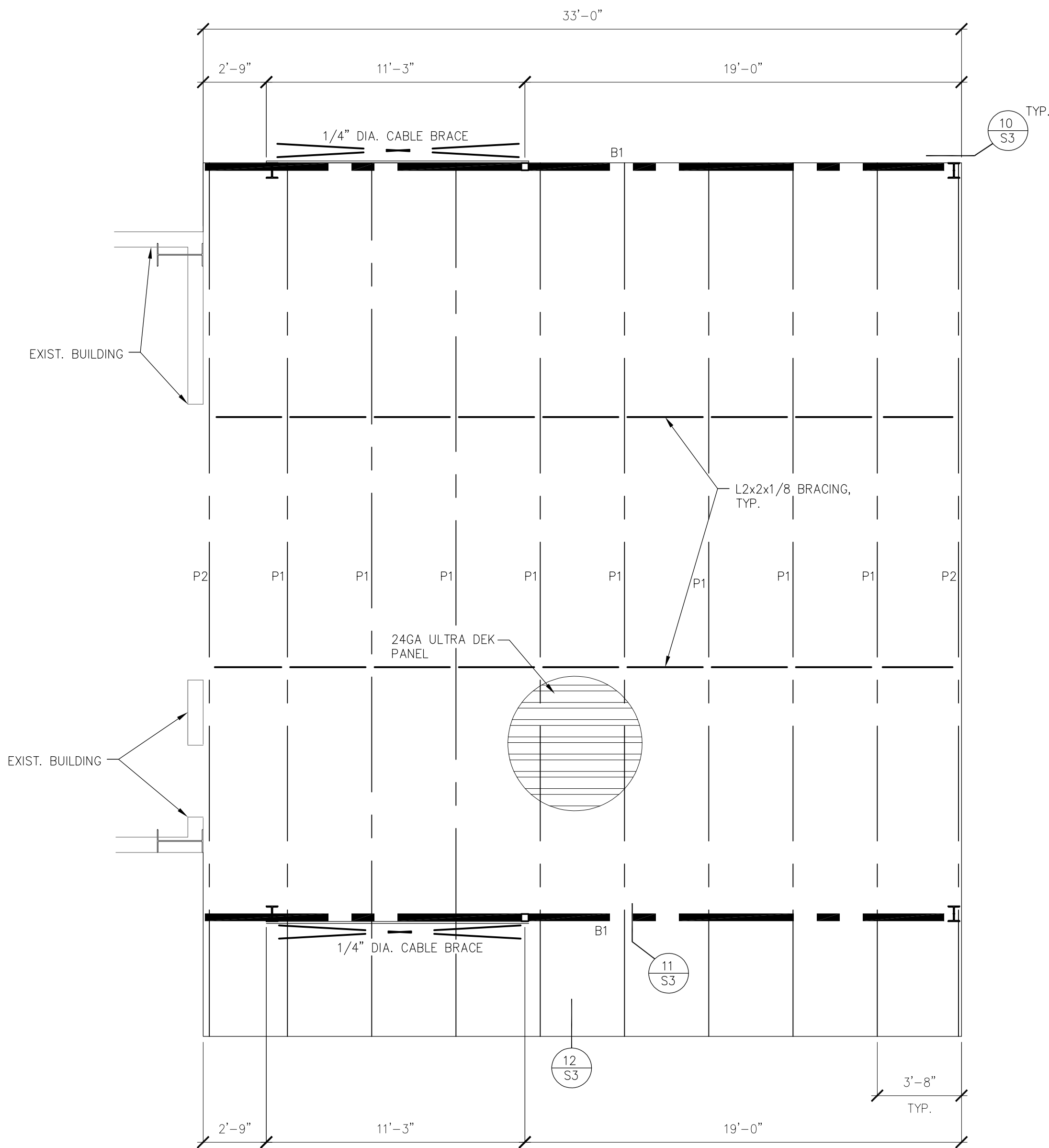
PROJECT: Stepping Stone, Drop Off Canopy
2651 N Industrial Way
Prescott Valley, AZ 86314

APN:

DRAWN BY
CHECKED BY
DATE November 9, 2022
JOB NO.
SHEET

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Nov 16, 2022 - 3:01pm

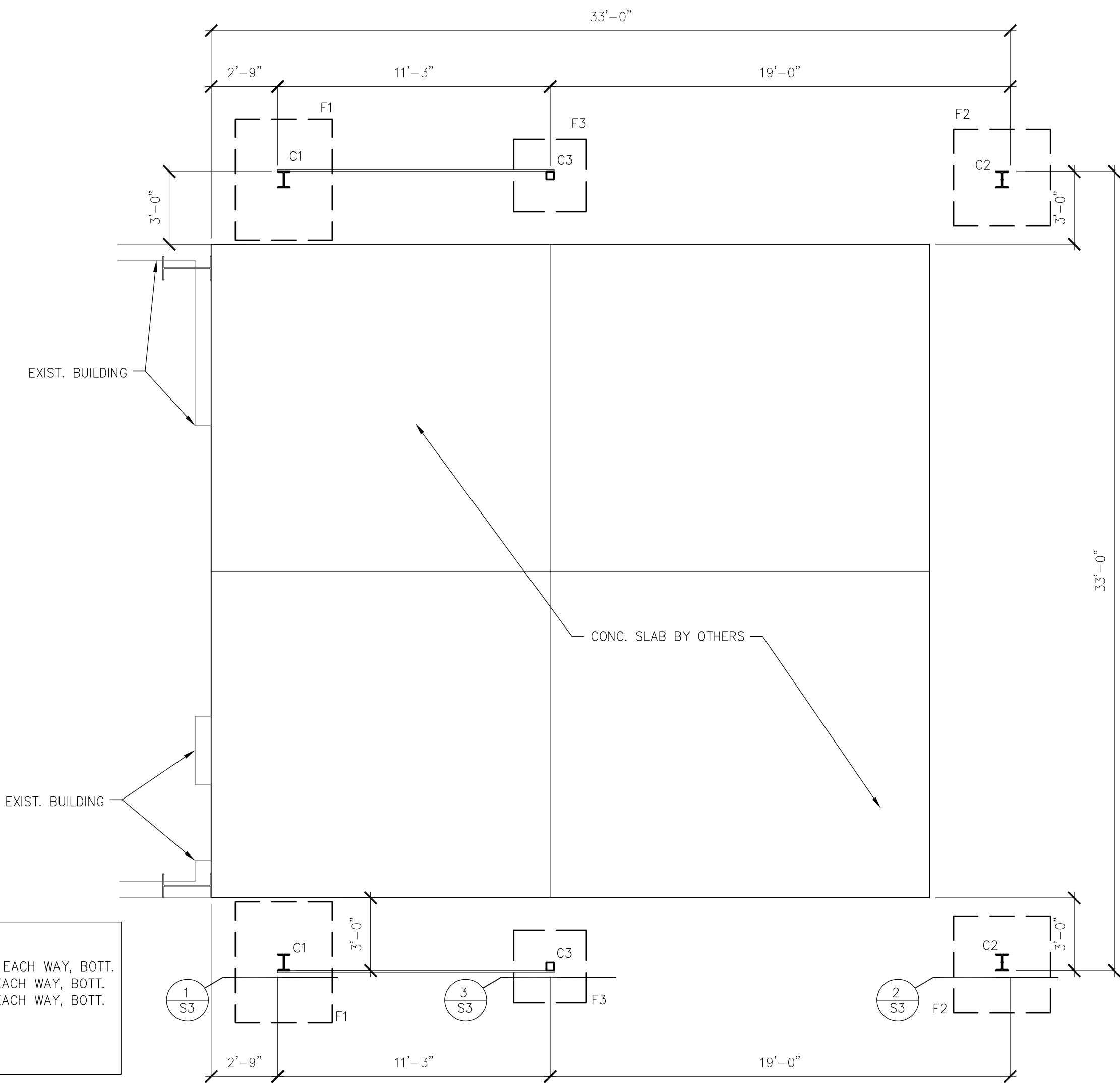


FRAMING PLAN

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

COLUMN & FOOTING SCHEDULE:	
F1	4'-0"x5'-0"x24" THK CONC. FOOTING W/ (5) #5 EACH WAY, BOT.
F2	4'-0"SQ X 24" THK CONC. FOOTING W/ (5) #5 EACH WAY, BOT.
F3	3'-0"SQ X 24" THK CONC. FOOTING W/ (3) #5 EACH WAY, BOT.
C1	W8x31 COLUMN
C2	W8x21 COLUMN
C3	HSS4x4x1/4 COLUMN

FRAMING SCHEDULE:	
B1	W8x21 BEAM
P1	12"x2 1/2"x12GA
P2	12"x2 1/2"Cx14GA



FOUNDATION PLAN

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

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ARCHITECTURE & PLANNING

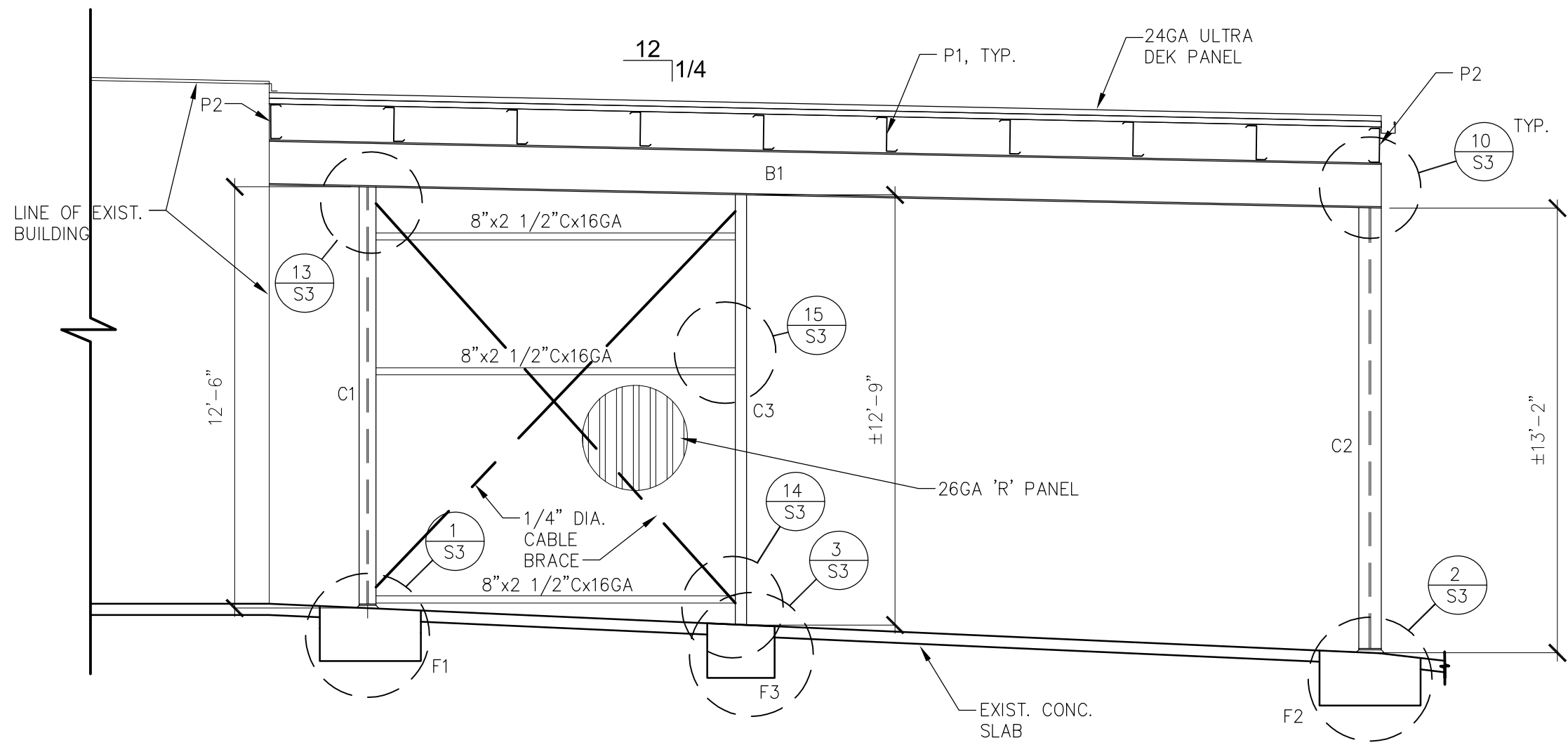
DRAWING: FOUNDATION & FRAMING PLANS

PROJECT: Stepping Stone, Drop Off Canopy
2651 N Industrial Way
Prescott Valley, AZ 86314

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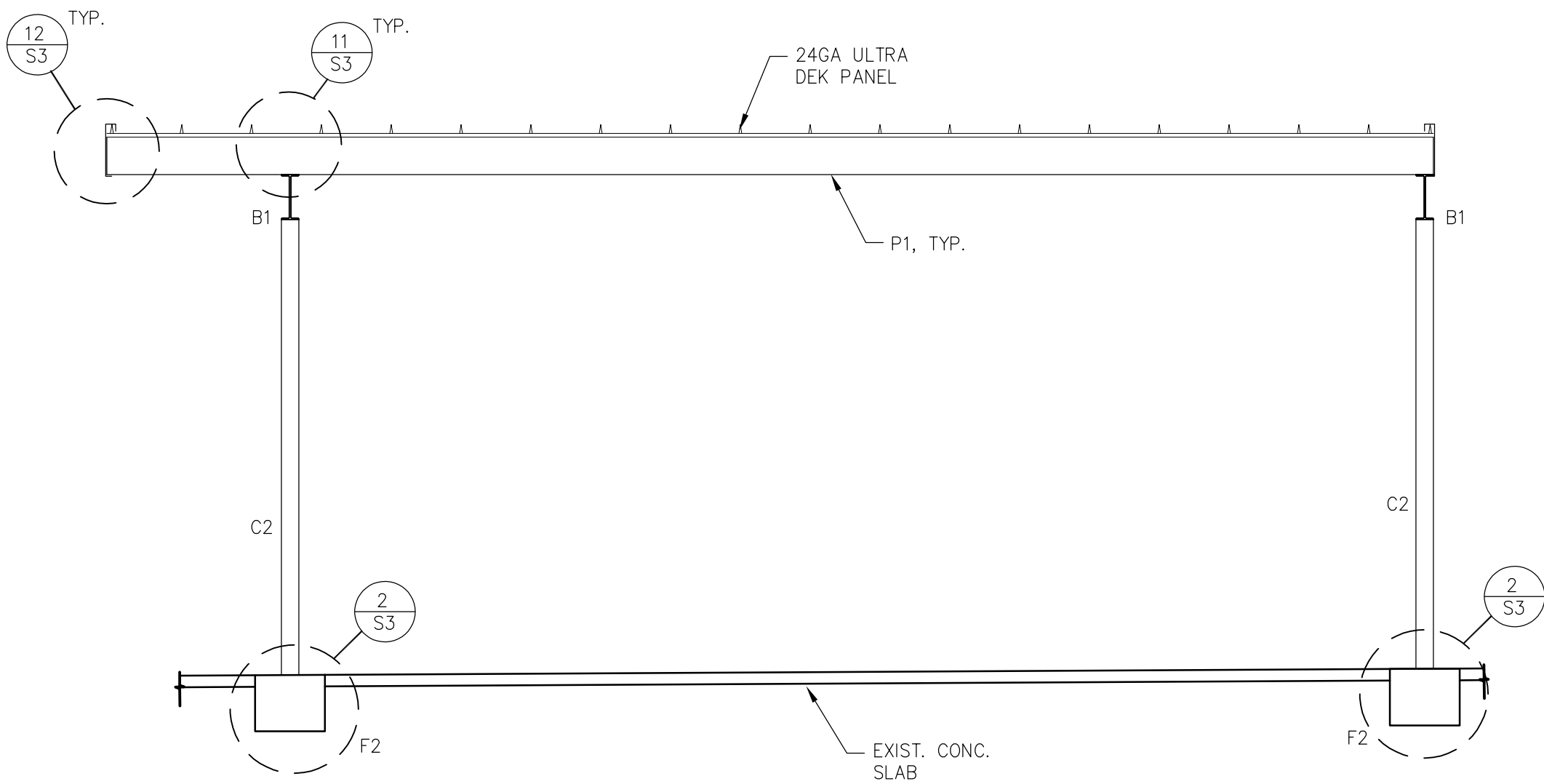
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DATE November 9, 2022
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SHEET

Nov 16, 2022 - 3:01pm



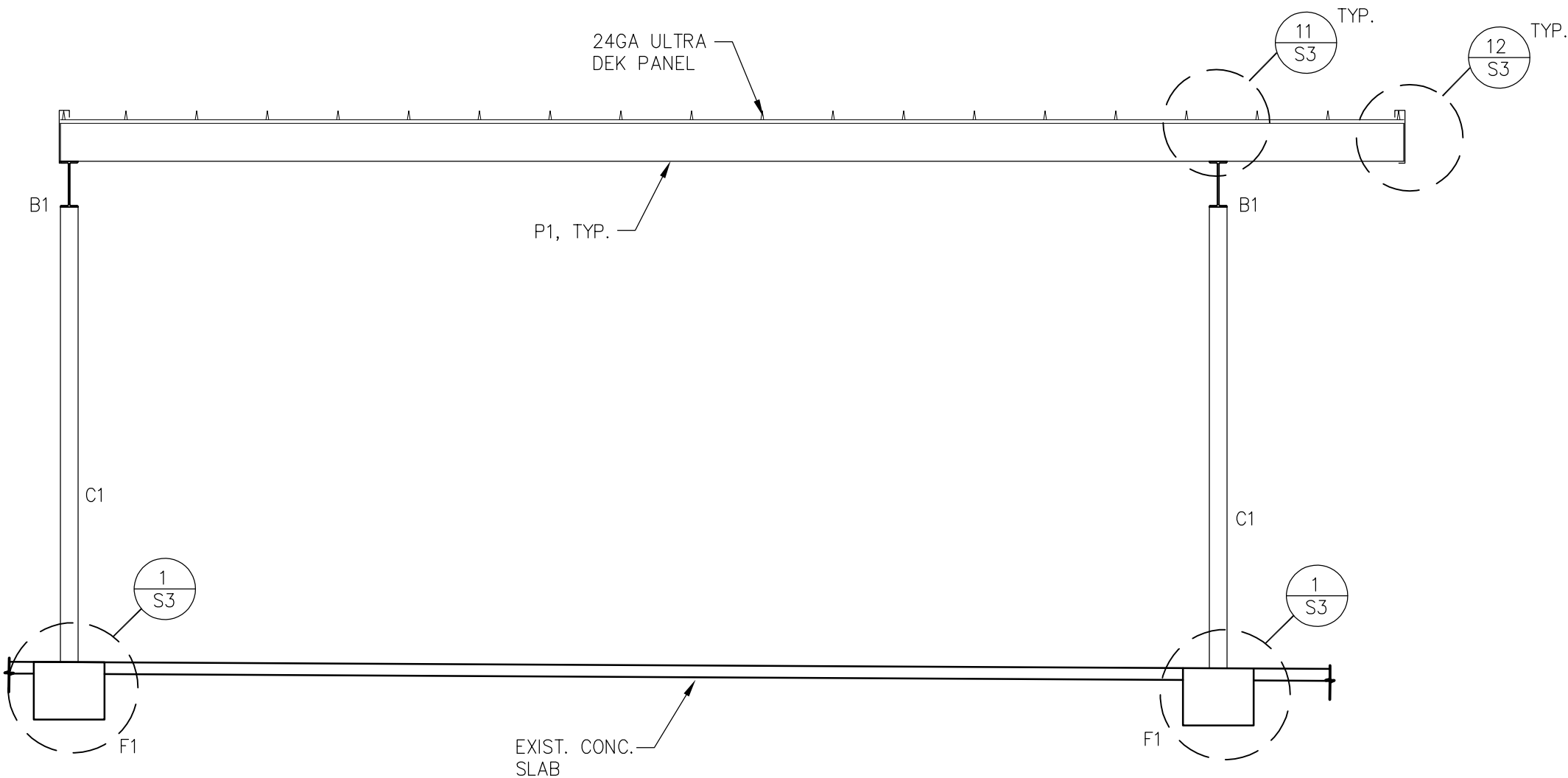
SOUTH ELEVATION (NORTH MIRRORED)

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



EAST ELEVATION

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



WEST ELEVATION

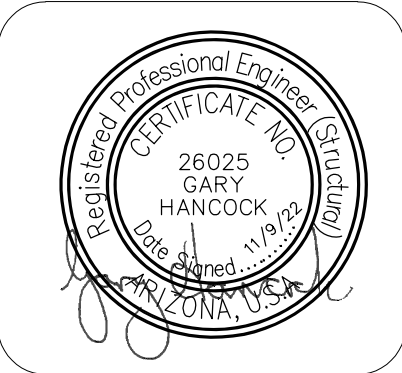
SCALE: 1/4" = 1'-0"

COLUMN & FOOTING SCHEDULE:	
F1	4'-0"x5'-0"x24" THK CONC. FOOTING W/ (5) #5 EACH WAY, BOT.
F2	4'-0"SQ X 24" THK CONC. FOOTING W/ (5) #5 EACH WAY, BOT.
F3	3'-0"SQ X 24" THK CONC. FOOTING W/ (3) #5 EACH WAY, BOT.
C1	W8x31 COLUMN
C2	W8x21 COLUMN
C3	HSS4x4x1/4 COLUMN

FRAMING SCHEDULE:	
B1	W8x21 BEAM
P1	12"x2 1/2"x12GA
P2	12"x2 1/2"x14GA

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WAKA
ENGINEERING

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ARCHITECTURE & PLANNING

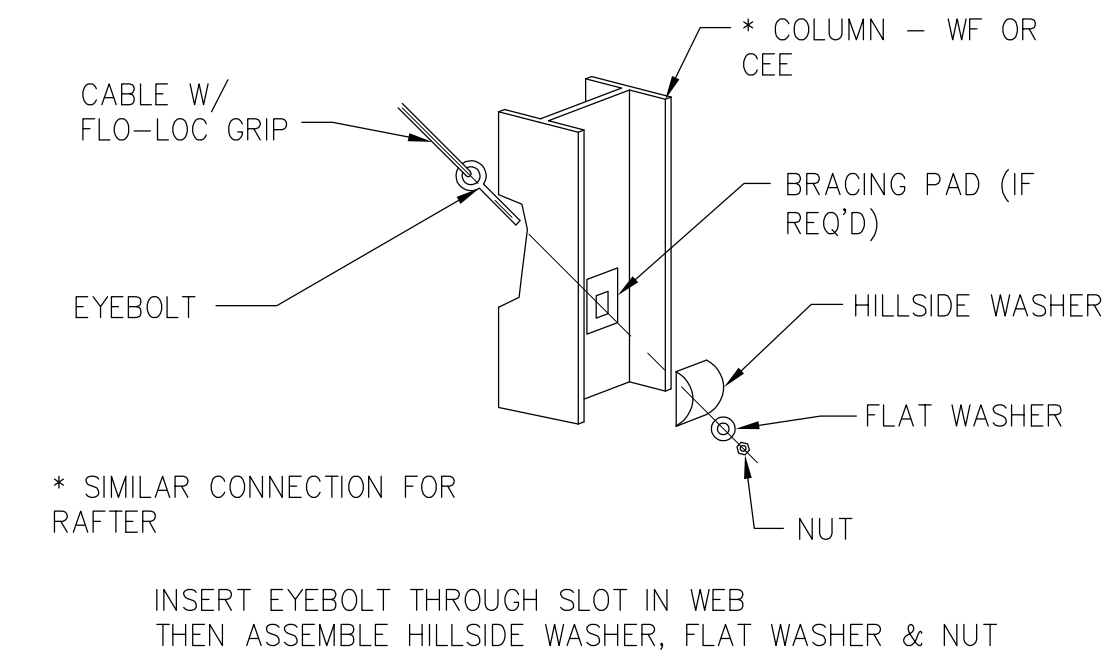
DRAWING: FRAME ELEVATIONS

PROJECT: Stepping Stone, Drop Off Canopy
2651 N Industrial Way
Prescott Valley, AZ 86314

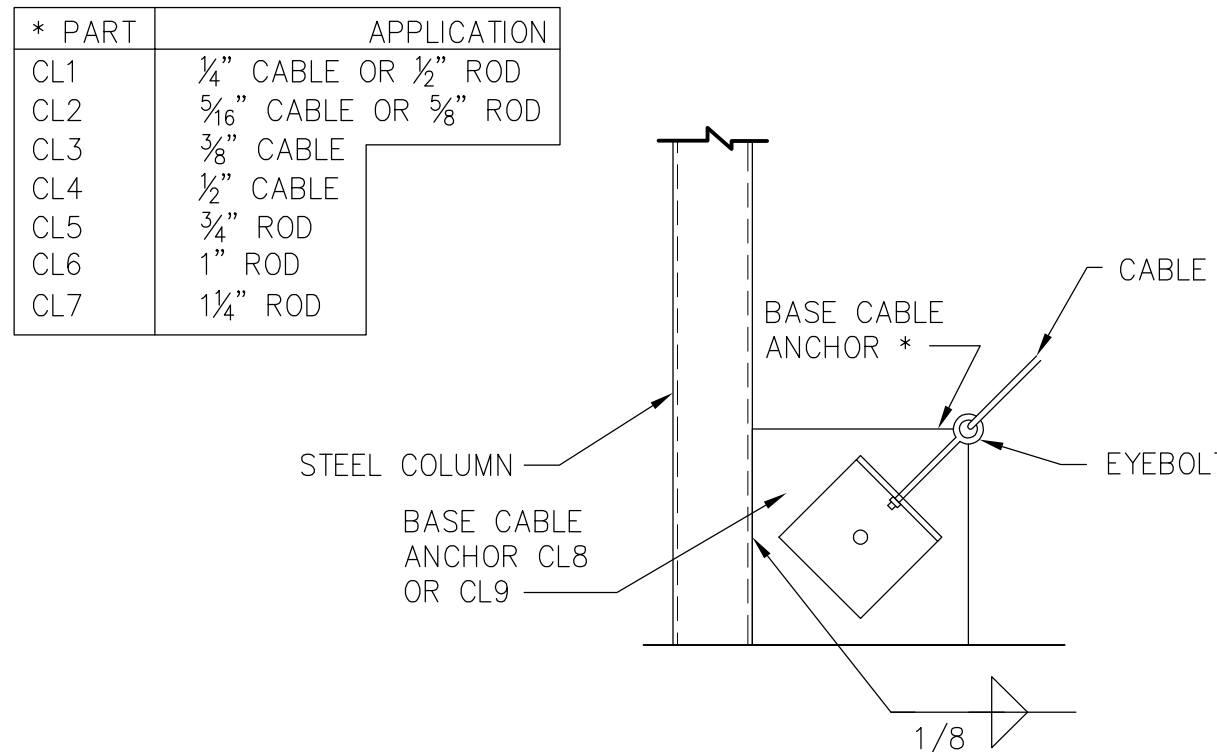
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SHEET

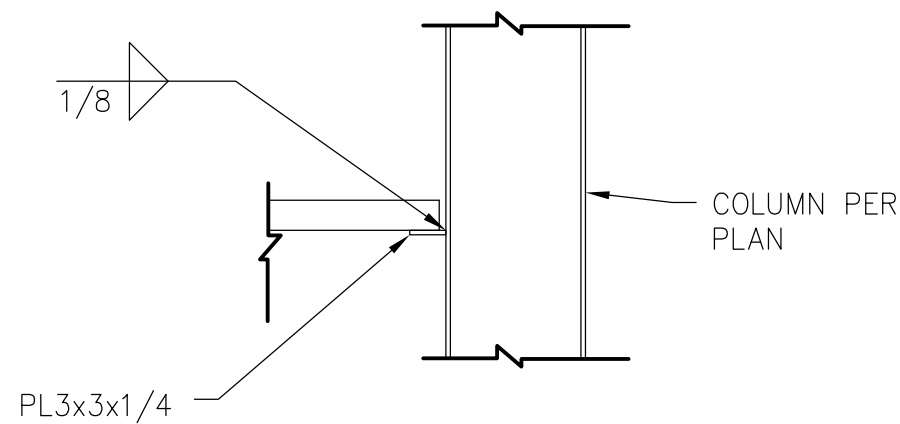
S2



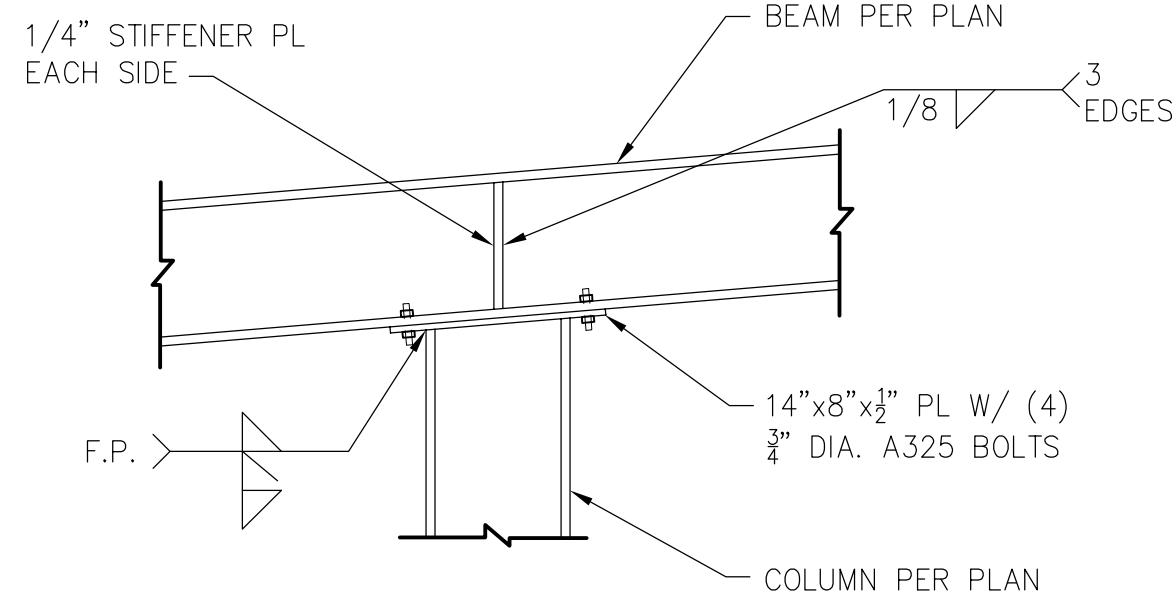
13 DIAGONAL CABLE, EYEBOLT END



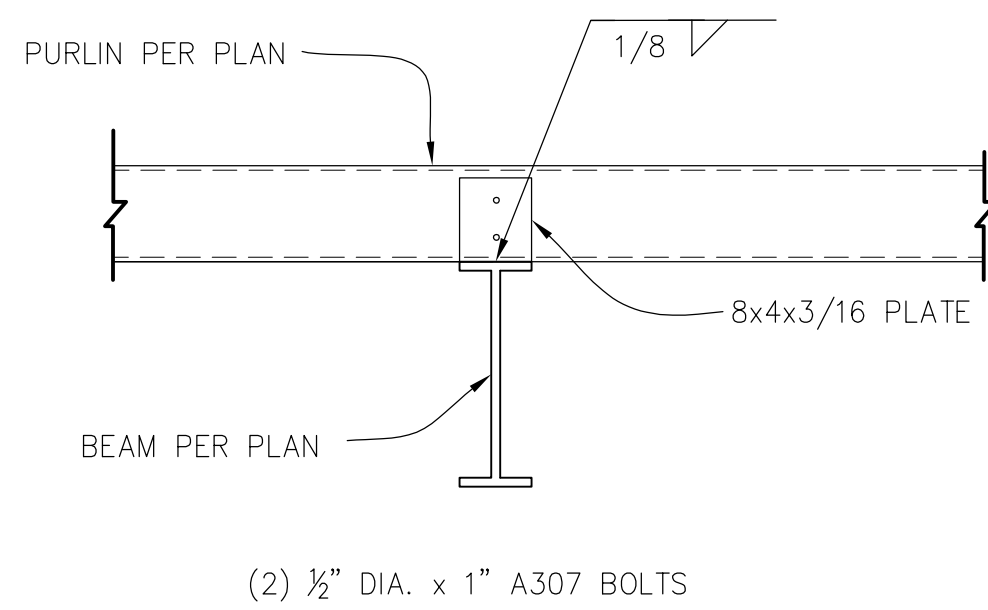
14 DIAGONAL BRACE CLIP TO COLUMN



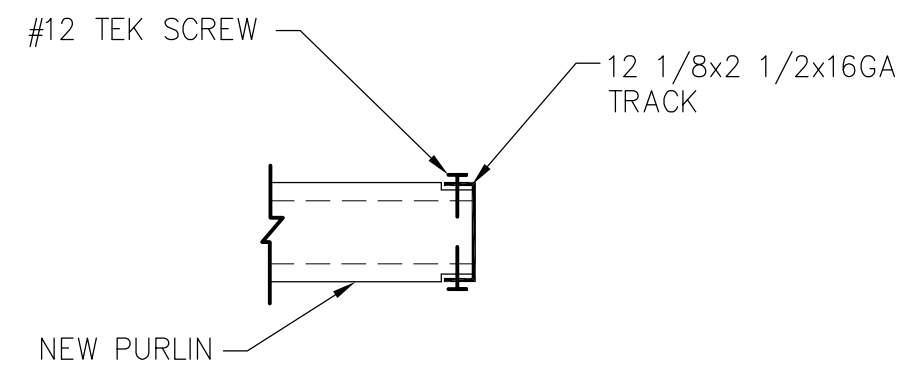
15 GIRT @ COLUMN



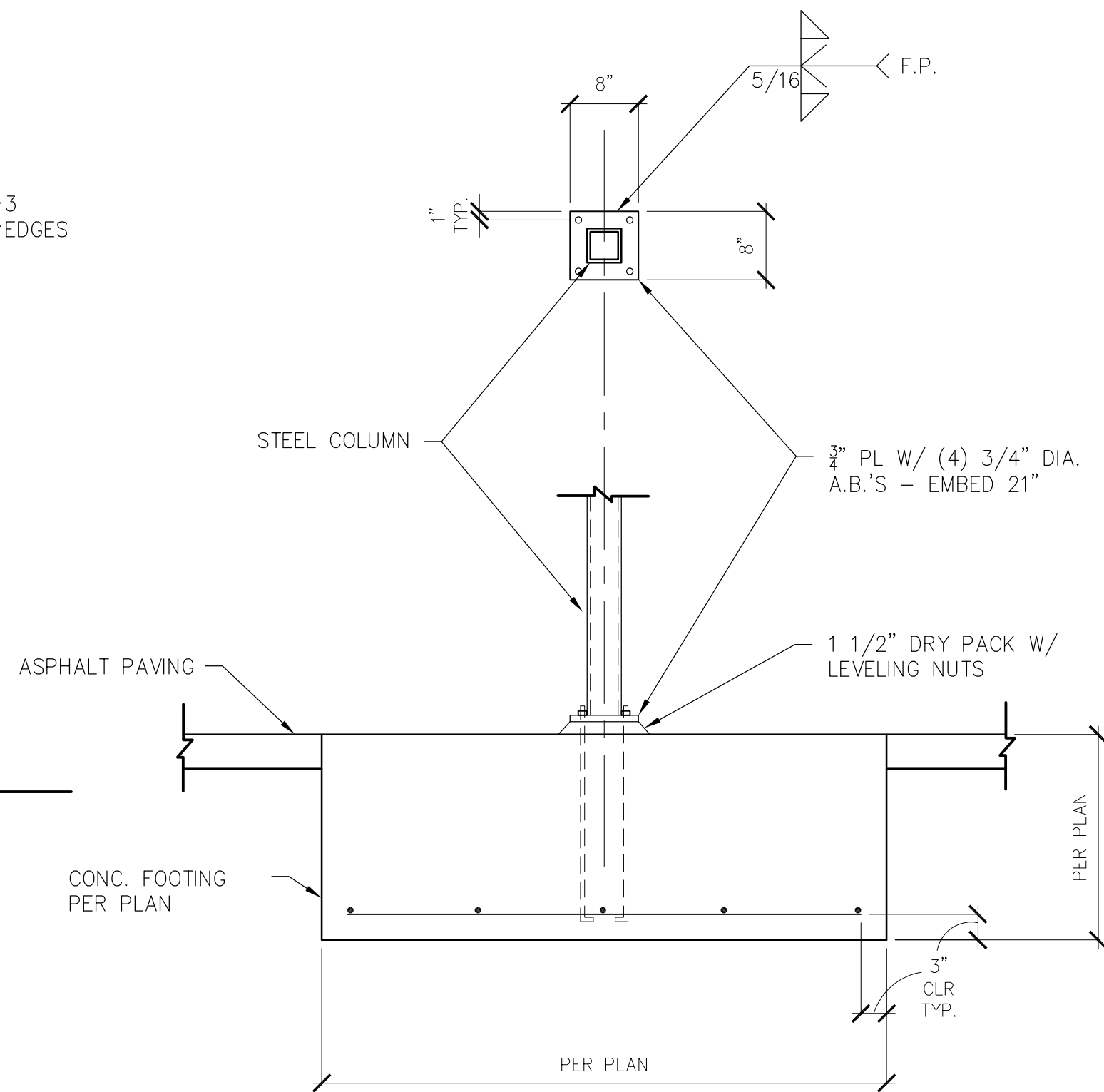
10 BEAM @ COLUMN



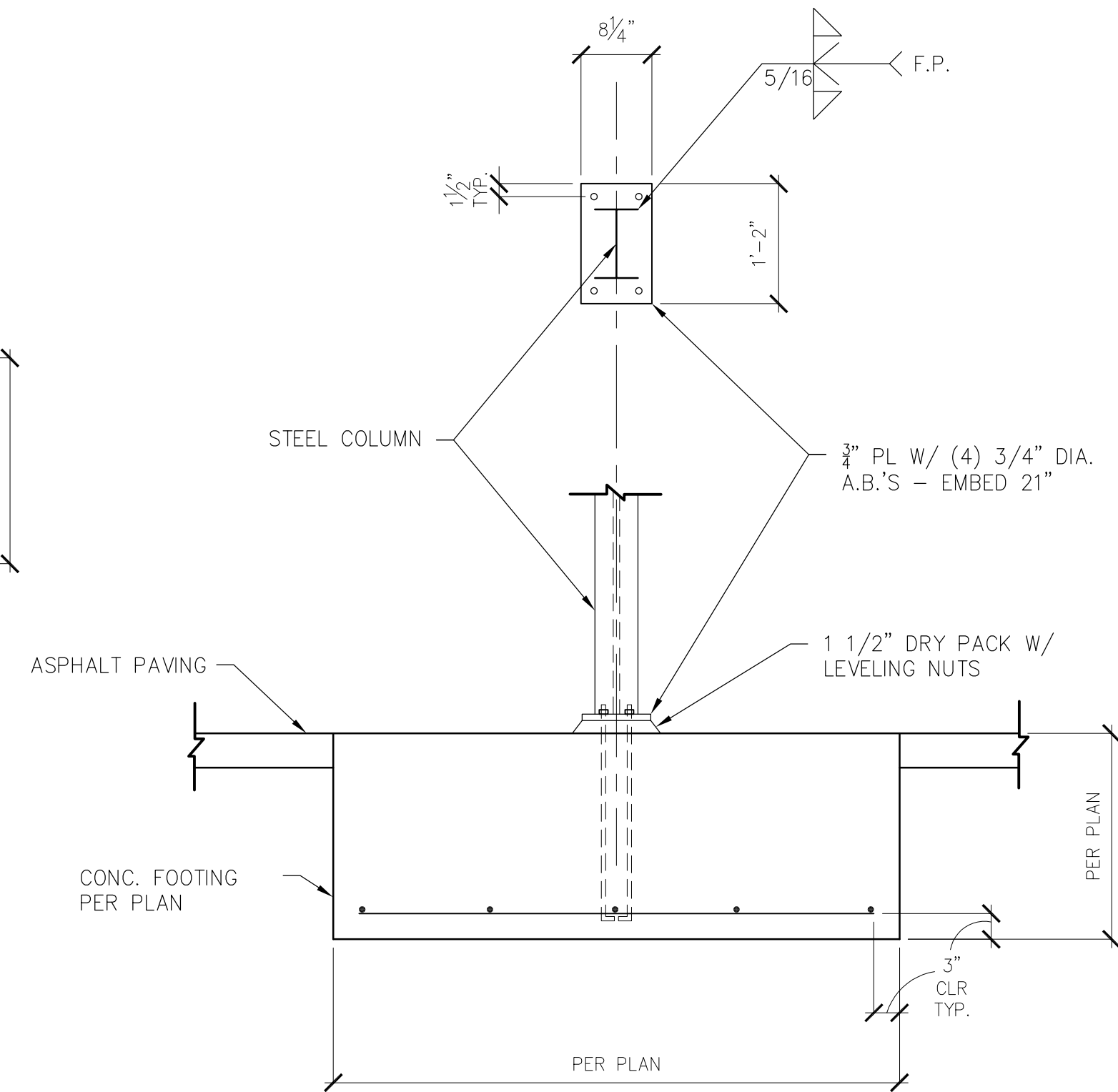
11 PURLIN @ BEAM



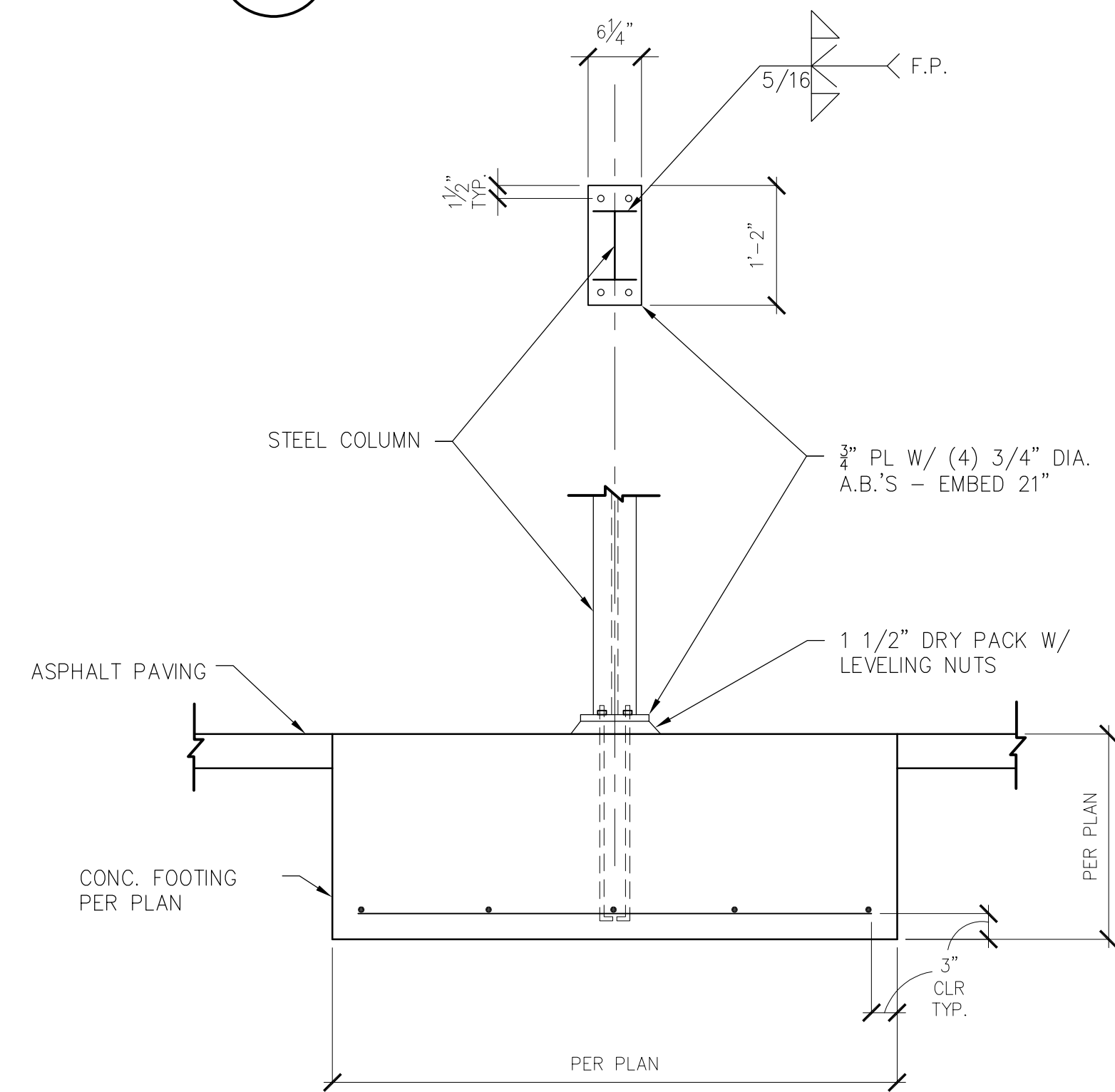
12 TRACK @ RURLIN



3 COLUMN C3 @ FOOTING



1 COLUMN C1 @ FOOTING



2 COLUMN C2 @ FOOTING



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ARCHITECTURE & PLANNING

DRAWING: FOUNDATION & FRAMING DETAILS

PROJECT: Stepping Stone, Drop Off Canopy
2651 N Industrial Way
Prescott Valley, AZ 86314

APN:

DRAWN BY
CHECKED BY
DATE November 9, 2022
JOB NO.
SHEET

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