

FINAL: FOR DESIGN REVIEW BOARD APPROVAL 11/12/2024

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1	02/29/2024	PRE-PROPOSAL DOCUMENTS
2	03/13/2024	PROPOSAL DOCUMENTS
3	04/01/2024	PROPOSAL DOCUMENTS
5	04/18/2024	PROPOSAL DOCUMENTS
6	05/29/2024	PROPOSAL DOCUMENT
7	07/19/2024	CUSTOMER REVIEW
8	08/21/2024	PERMIT DOCUMENTS
10	09/23/2024	PERMIT DOCUMENTS
10		
	10/18/2024	PERMIT DOCUMENTS
		1

DESCRIPTION

DATE

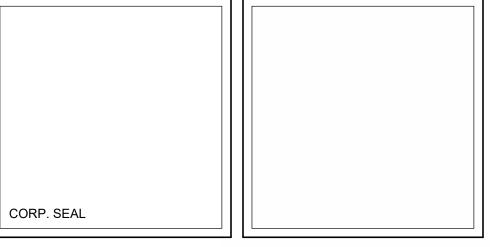


Mission Critical | Commercial



POLLUTANTS FROM OWNER'S OPERATIONS - CUSTOMER'S KNOWLEDGE OF ITS ACTIVITIES THAT WILL BE CONDUCTED WITHIN THE FACILITY TO BE DESIGNED BY GRAY AND CONSTRUCTED BY GRAY, AND THE MATERIALS INVOLVED IN THOSE ACTIVITIES, IS SUPERIOR TO GRAY'S KNOWLEDGE. ACCORDINGLY, AND ANYTHING CONTAINED IN THE CONTRACT DOCUMENTS TO THE CONTRARY NOTWITHSTANDING, ANY DUTY OR WARRANTY BY GRAY HEREIN SHALL NOT APPLY TO THE DISCHARGE, DISPERSAL, ESCAPE, RELEASE OR SATURATION OF ANY POLLUTANT INTO THE ATMOSPHERE OR ANY BODY OF WATER OR ON, ONTO, UPON, IN OR INTO THE SURFACE OR SUBSURFACE OF LAND. FOR PURPOSE OF THIS SECTION, THE WORD "POLLUTANT" SHALL MEAN ANY SOLID, LIQUID, GASEOUS, OR THERMAL IRRITANT OR CONTAMINANT, INCLUDING BUT NOT LIMITED TO SMOKE, VAPOR, SOOT, FUMES, ACIDS, ALKALIS, CHEMICALS AND WASTE AND SHALL INCLUDE ANY HAZARDOUS SUBSTANCE. THE CAPACITY OF THE FACILITY AND THE DESIGN OF ANY OF ITS PARTS, SO AS TO PREVENT THE ESCAPE, RELEASE, DISCHARGE, DISPERSAL OR SATURATION OF POLLUTANTS SHALL BE THE SOLE RESPONSIBILITY OF THE CUSTOMER.

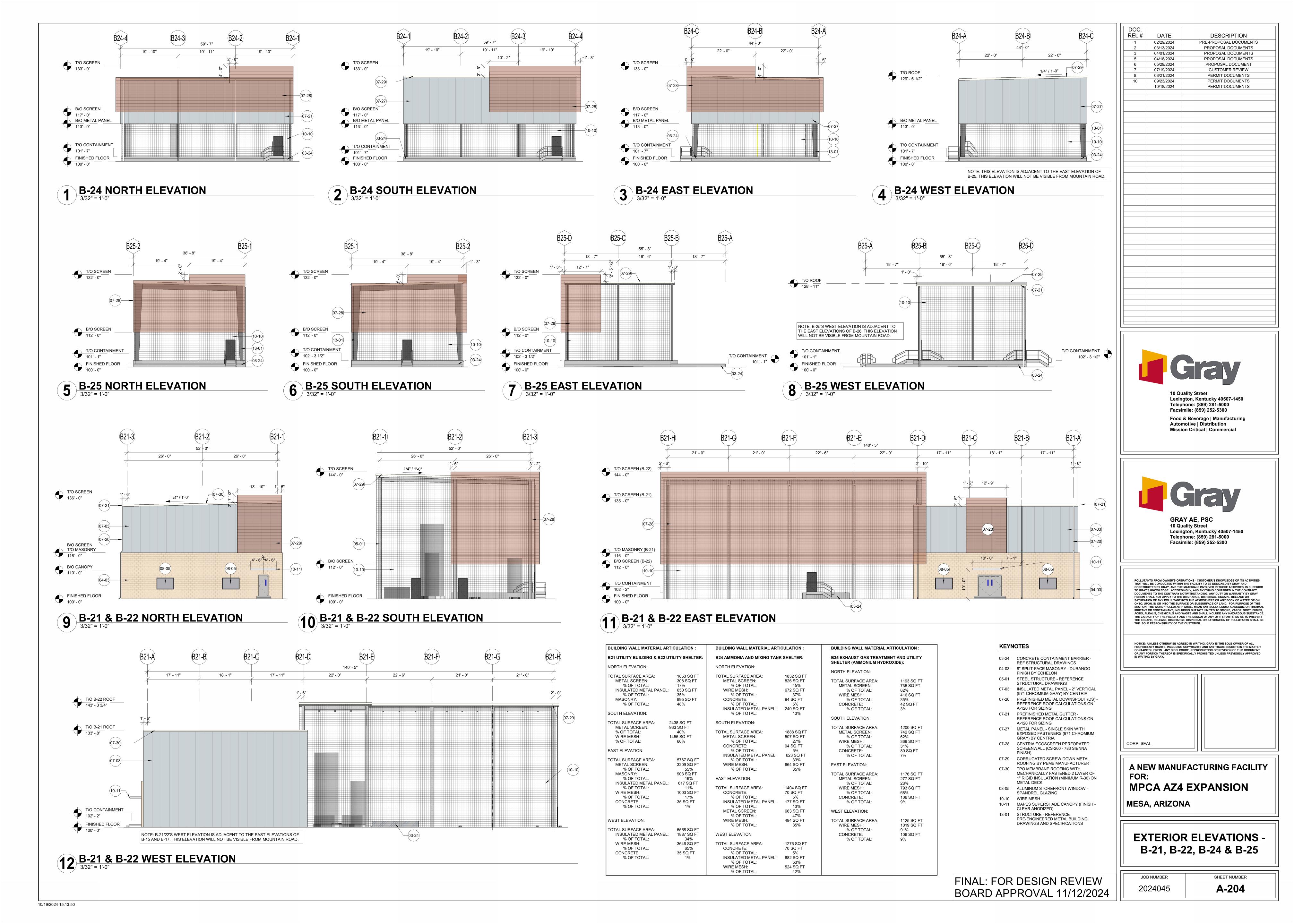
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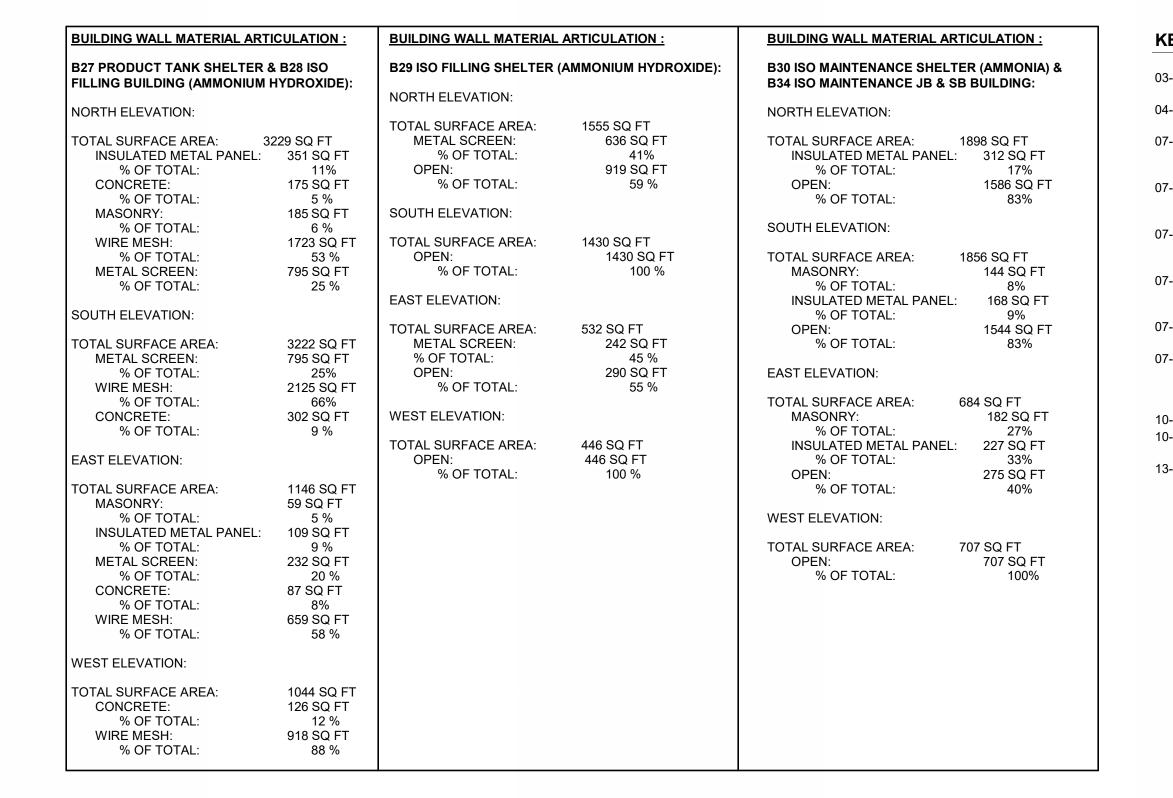


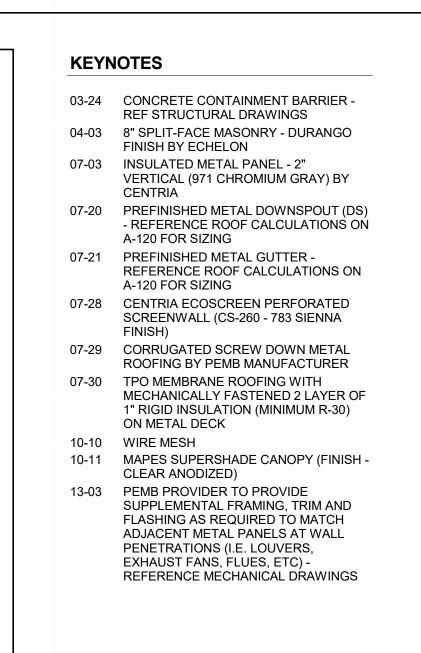
A NEW MANUFACTURING FACILITY
FOR:
MPCA AZ4 EXPANSION
MESA, ARIZONA

EXTERIOR ELEVATIONS -B-18 & B-26

JOB NUMBER SHEET NUMBER
2024045 **A-203**









DOC. REL.#

DATE

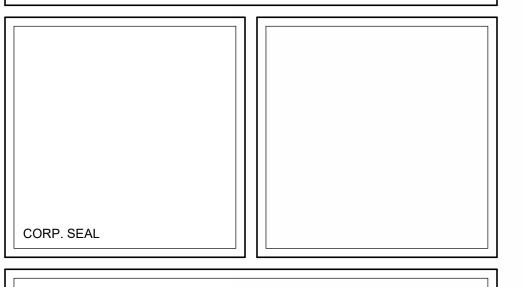
DESCRIPTION





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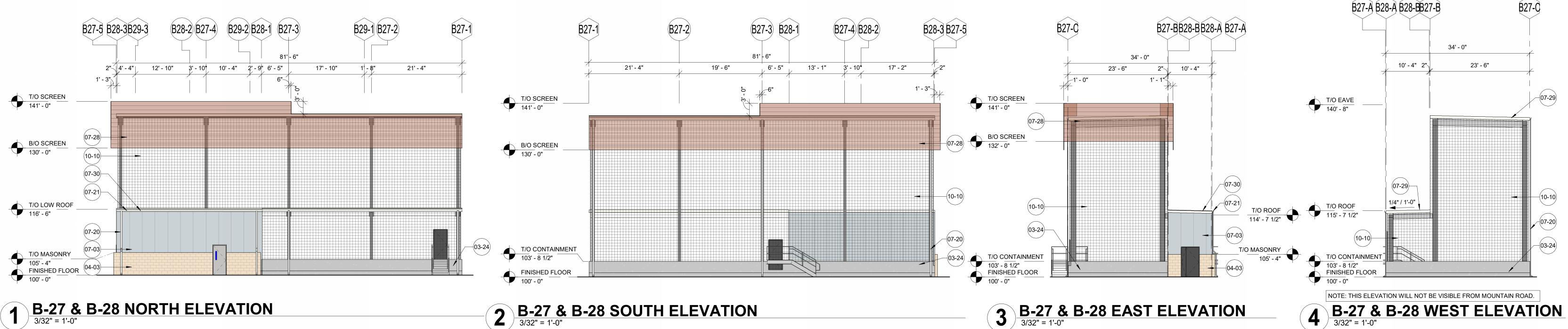
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A NEW MANUFACTURING FACILITY FOR:
MPCA AZ4 EXPANSION
MESA, ARIZONA

EXTERIOR ELEVATIONS -B-27, B-28, B-29, B-30 & B34

JOB NUMBER SHEET NUMBER **A-205**

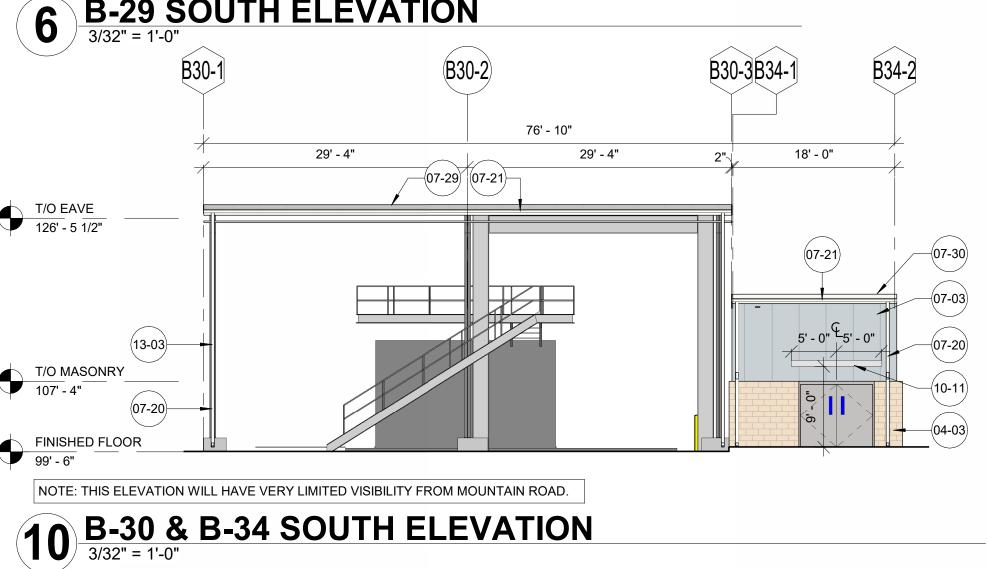


B29-1

B29-2

B29-3

B29



T/O SCREEN
128' - 6"

07-21

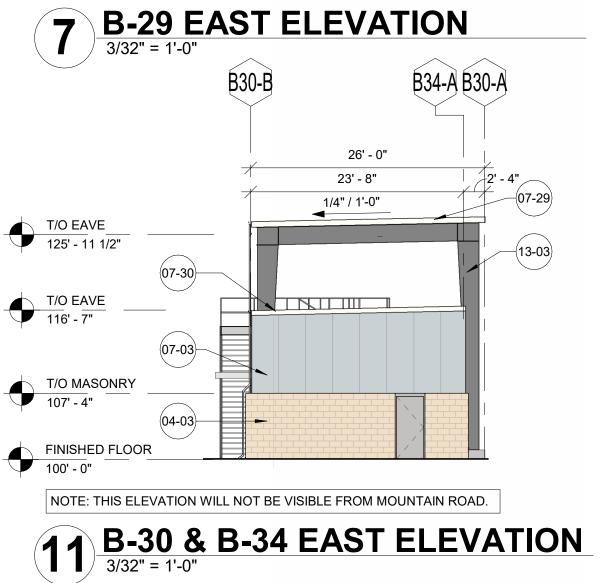
B/O SCREEN
116' - 6"

T/O PLATFORM
114' - 6 1/2"

07-20

FINISHED FLOOR
99' - 6"

B-29 EAST ELEVATION



8 B-29 WEST ELEVATION

3/32" = 1'-0"

B30-A B34-A

B30-B

T/O SCREEN

125' - 11 1/2"

07-29

T/O PLATFORM

114' - 1 1/2"

13-03

FINISHED FLOOR

99' - 6"

NOTE: THIS ELEVATION WILL NOT BE VISIBLE FROM MOUNTAIN ROAD.

17' - 0"

T/O EAVE 125' - 10"

T/O PLATFORM
114' - 6 1/2"

FINISHED FLOOR
99' - 6"

NOTE: THIS ELEVATION WILL NOT BE VISIBLE FROM MOUNTAIN ROAD.

12 B-30 & B-34 WEST ELEVATION

3/32" = 1'-0"

FINAL: FOR DESIGN REVIEW BOARD APPROVAL 11/12/2024

29' - 4"

27' - 0"

27' - 0"

29' - 4"

13-03

10/21/2024 09:32:34

T/O SCREEN_ 128' - 6"

B/O SCREEN

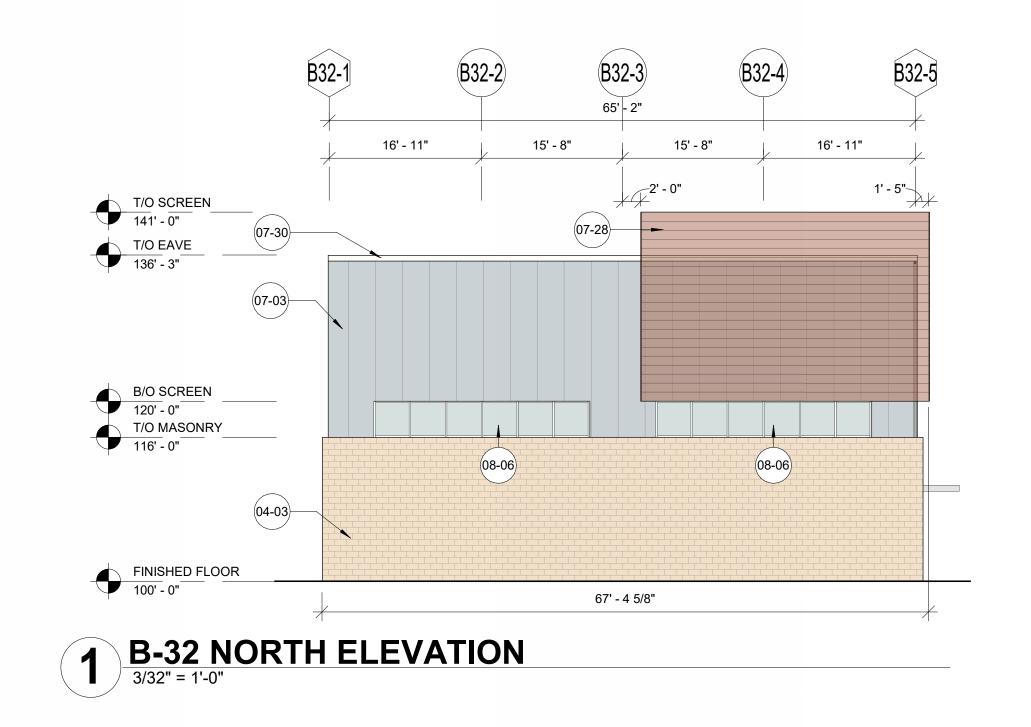
T/O PLATFORM
114' - 6 1/2"

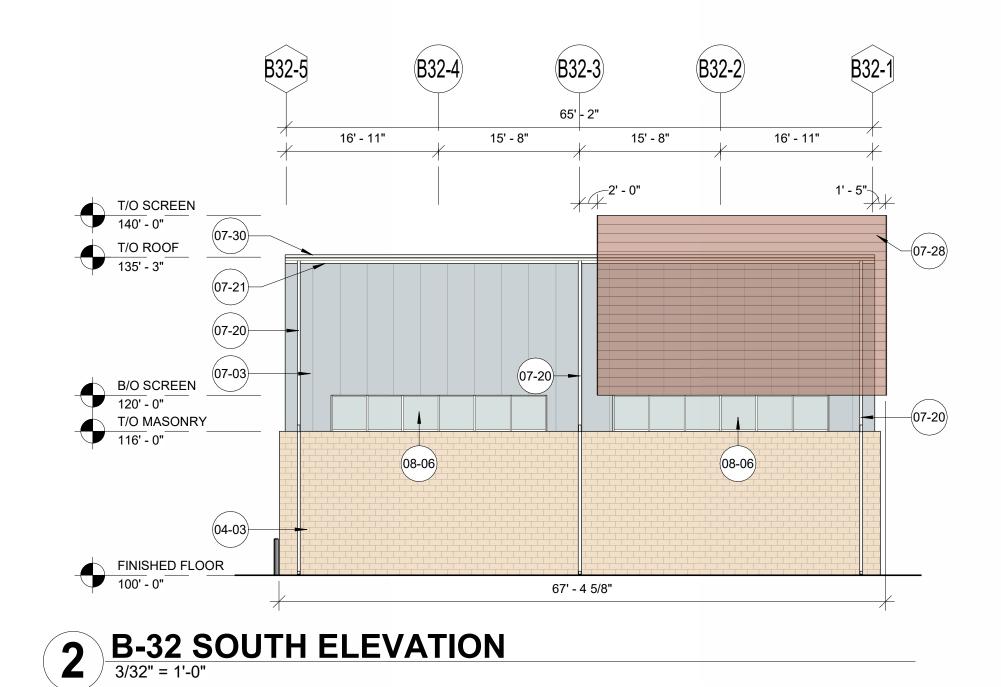
FINISHED FLOOR
99' - 6"

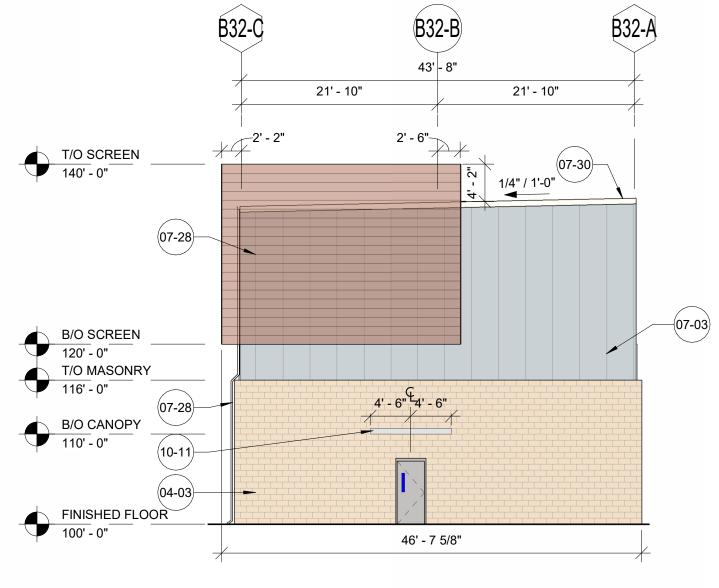
T/O EAVE 125' - 11 1/2"

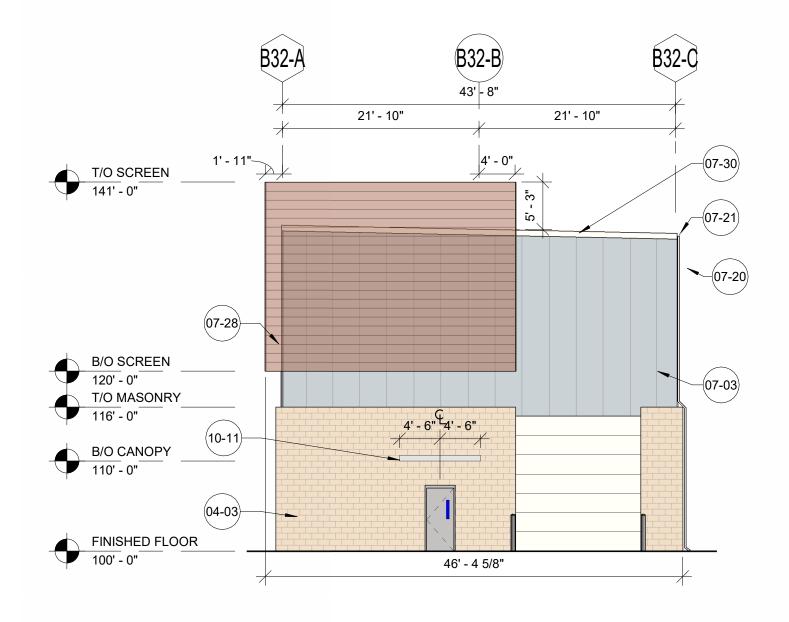
5 B-29 NORTH ELEVATION3/32" = 1'-0"

18' - 0"









3 B-32 EAST ELEVATION 3/32" = 1'-0"



KEYNOTES

- 04-03 8" SPLIT-FACE MASONRY DURANGO FINISH BY ECHELON
 07-03 INSULATED METAL PANEL - 2" VERTICAL (971
- CHROMIUM GRAY) BY CENTRIA

 07-20 PREFINISHED METAL DOWNSPOUT (DS) REFERENCE ROOF CALCULATIONS ON A-120
- FOR SIZING

 07-21 PREFINISHED METAL GUTTER REFERENCE
 ROOF CALCULATIONS ON A-120 FOR SIZING
- 07-28 CENTRIA ECOSCREEN PERFORATED
 SCREENWALL (CS-260 783 SIENNA FINISH)
- 07-30 TPO MEMBRANE ROOFING WITH
 MECHANICALLY FASTENED 2 LAYER OF 1"
 RIGID INSULATION (MINIMUM R-30) ON METAL
- 08-06 ALUMINUM STOREFRONT WINDOW -TRANSPARENT GLAZING 10-11 MAPES SUPERSHADE CANOPY (FINISH -CLEAR ANODIZED)

BUILDING WALL MATERIAL ARTICULATION:

B30 WAREHOUSE :

NORTH ELEVATION:

- TOTAL SURFACE AREA: 2567 SQ FT
 MASONRY: 1068 SQ FT
 % OF TOTAL: 42%
 INSULATED METAL PANEL: 827 SQ FT
 % OF TOTAL: 32%
 METAL SCREEN: 672 SQ FT
- SOUTH ELEVATION:

% OF TOTAL:

TOTAL SURFACE AREA:	2514 SQ FT
MASONRY:	1068 SQ FT
% OF TOTAL:	42%
METAL SCREEN:	641 SQ FT
% OF TOTAL:	25%
INSULATED METAL PANE	L: 805 SQ FT
% OF TOTAL:	33%

26%

EAST ELEVATION:

TOTAL SURFACE AREA:	1745 SQ FT
MASONRY:	724 SQ FT
% OF TOTAL:	41%
METAL SCREEN:	535 SQ FT
% OF TOTAL:	31%
INSULATED METAL PANEL	.: 486 SQ FT
% OF TOTAL:	28%

WEST ELEVATION:

TOTAL SURFACE AREA:	1763 SQ FT
MASONRY:	500 SQ FT
% OF TOTAL:	28 %
METAL SCREEN:	582 SQ FT
% OF TOTAL:	33 %
INSULATED METAL PANEL:	681 SQ FT
% OF TOTAL:	30 %

DOC.		
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Automotive | Distribution
Mission Critical | Commercial



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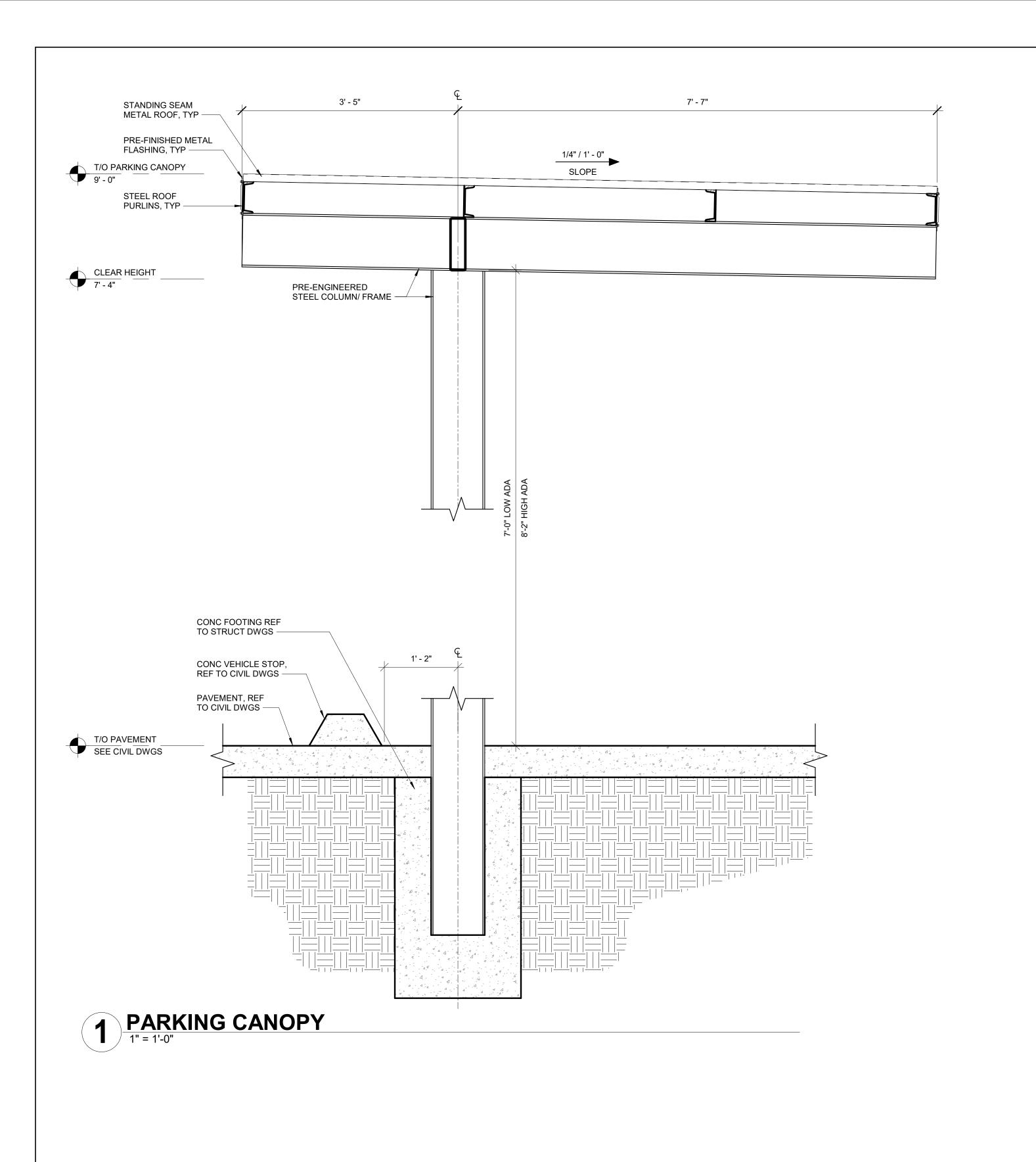
CORP. SEAL

A NEW MANUFACTURING FACILITY FOR:
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MESA, ARIZONA

EXTERIOR ELEVATIONS -B-32

FINAL: FOR DESIGN REVIEW BOARD APPROVAL 11/12/2024

JOB NUMBER	SHEET NUMBER
2024045	A-206

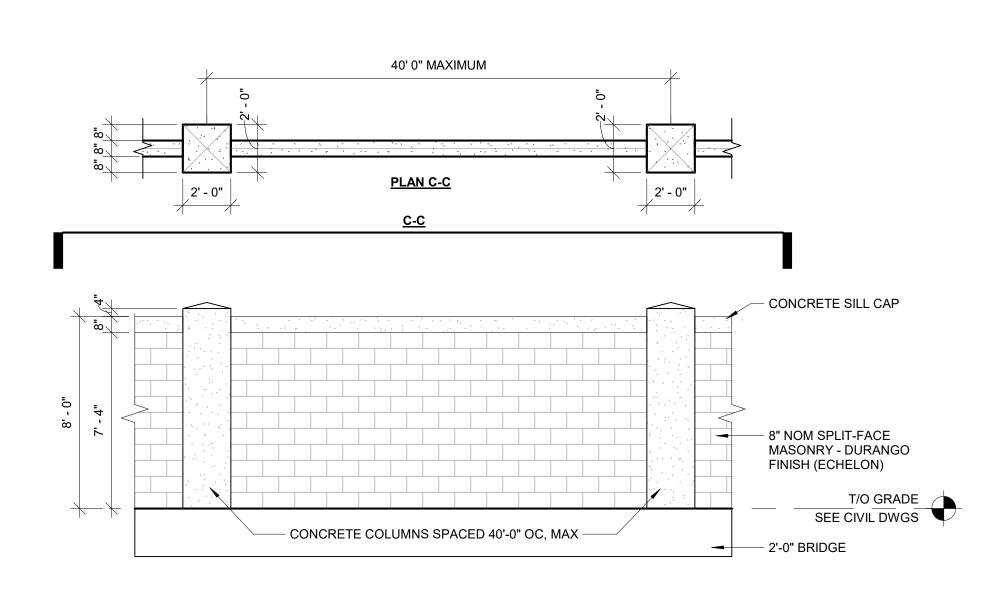


WROUGHT IRON FENCE W/ 1" SQ
 PICKETS W/ RADIUS SPIKE FINIALS
 @ 6" OC, TO MATCH EXISTING, PTD

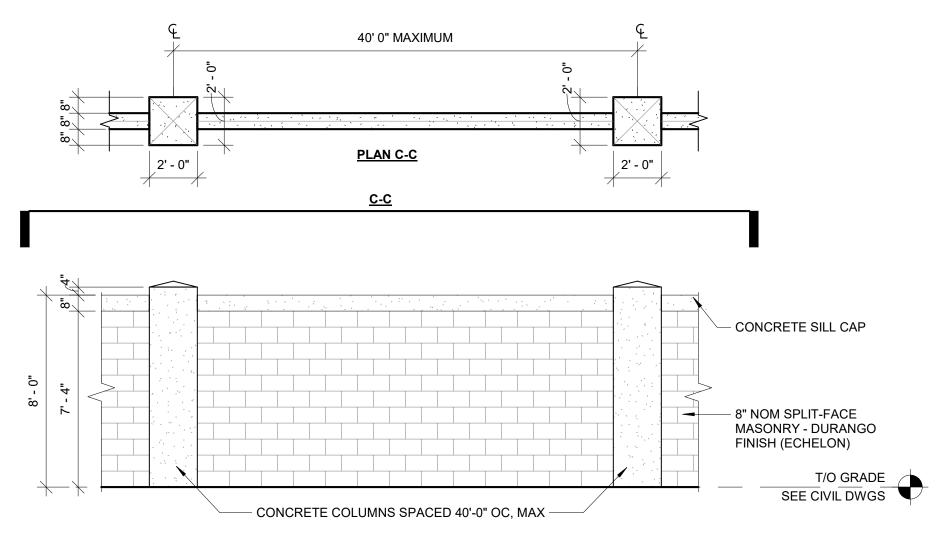
2' - 0" x 2' - 0" CMU MASONRY

8" WIDE CMU MASONRY

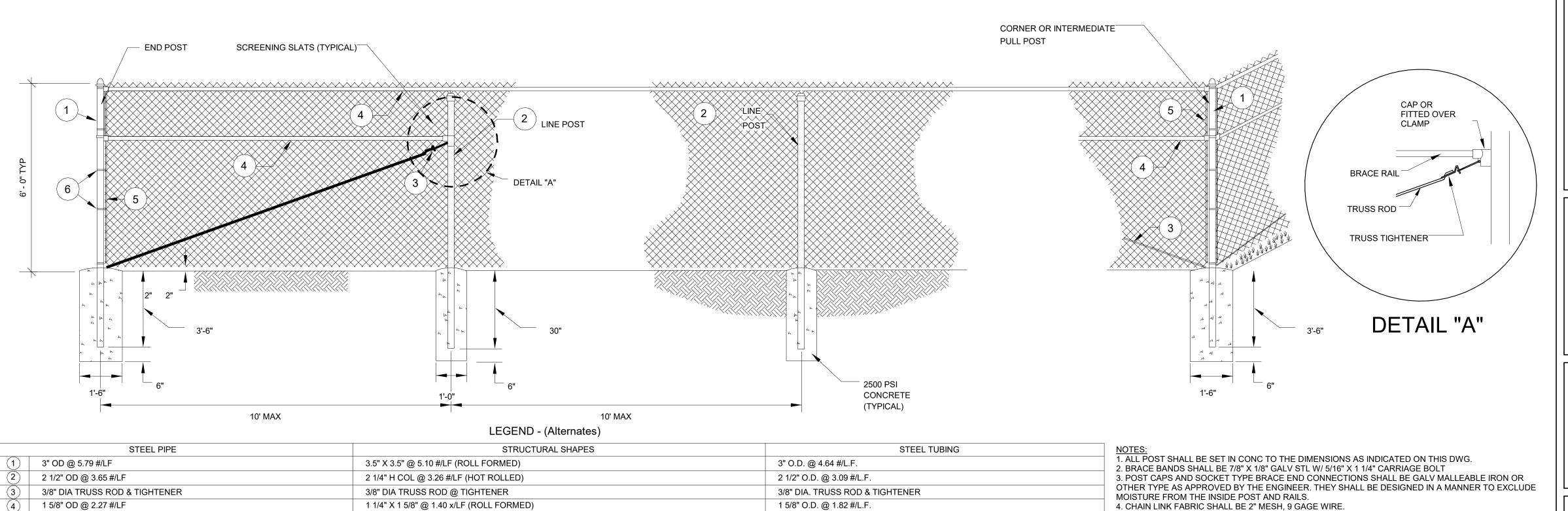
T/O GRADE
SEE CIVIL DWGS



2 BRIDGE FENCE PLAN & ELEVATION 1/4" = 1'-0"







3/16" X 3/4" FLAT STRETCHER BAR

BRACE BAND & TENSION BAND

6 FENCE DETAILS

1/2" = 1'-0"

3/16" X 3/4" FLAT STRETCHER BAR

BRACE BAND & TENSION BAND

NOT REQUIRED

NOT REQUIRED

FINAL: FOR DESIGN REVIEW BOARD APPROVAL 11/12/2024

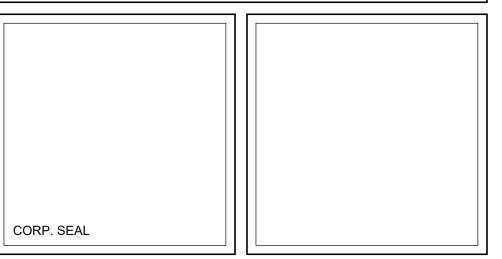






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MPCA AZ4 EXPANSION
MESA, ARIZONA

MISCELLANEOUS DETAILS

 JOB NUMBER
 SHEET NUMBER

 2024045
 A-591

40' 0" MAXIMUM

40'-0" MAXIMUM

5 EXISTING FENCE PLAN & ELEVATION

1/4" = 1'-0"