

# PARALLEL ARCHITECTURAL PRODUCTS

## TYP. FENCING DETAILS

### PARALLELAP.COM

PROPERTY MANAGER

DESIGN ENGINEER

#### ABBREVIATIONS

AFF	= AT FINISH FLOOR	FP	= FACE OF PANEL
AR	= ARCHITECTURAL REF	FR	= FACE OF RETURN
B.O.	= BOTTOM OF	FSG	= FACE OF SUB GIRT
BP	= BOTTOM OF PANEL	GA	= GAGE
¢	= CENTERLINE	GD	= GRAIN DIRECTION
CONT	= CONTINUOUS	GR	= GRID
CW	= CURTAIN WALL	HOR	= HORIZONTAL
DIA	= DIAMETER	HP	= HIGH POINT
DLO	= DAYLIGHT OPENING	INSUL	= INSULATION
DO	= DOOR OPENING	LO	= LOUVER OPENING
ELEV	= ELEVATION	LP	= LOW POINT
EP	= EDGE OF PANEL	LS	= LOUVER SIZE
FB	= FACE OF BRICK	MAX	= MAXIMUM
FC	= FACE OF CONCRETE	MIN	= MINIMUM
FCW	= FACE OF CURTAIN WALL	NBPRL	= NOT BY PARALLEL
FE	= FACE OF EXTRUSION	NP	= NOT PAINTED
FF	= FACE OF FOLD	NTS	= NOT TO SCALE
FFLASH	= FACE OF FLASHING	O.A.FR	= OVERALL FRAME
FGB	= FACE OF GYPSUM BOARD	O.C.	= ON CENTER
FOS	= FACE OF STEEL	OD	= OPENING/OVERALL DIM

PG	= PANEL GRID
P.JT	= PANEL JOINT
PL	= PANEL LENGTH
PNL	= PANEL
REF	= REFERENCE
REQ'D	= REQUIRED
RD	= REFERENCE DIMENSION
RO	= ROUGH OPENING
SG	= SUB GIRT
SO	= STRETCH OUT
SUPP	= SUPPORT
TBD	= TO BE DETERMINED
T.O.	= TOP OF
TP	= TOP OF PANEL
TYP	= TYPICAL
VERT	= VERTICAL
VIF	= VERIFY IN FIELD
WD	= WINDOW DIMENSION
WP	= WORKING POINT

DRAWING LIST			LATEST REVISION	DATE
T-100	-	TITLE SHEET		
G-100	-	GENERAL NOTES		
A-100	-	HORIZONTAL FENCING 2-WAY POST ELEVATIONS		
A-101	-	HORIZONTAL FENCING 2-WAY POST DEATILS		
A-200	-	VERTICAL FENCING 2-WAY POST ELEVATIONS		
A-201	-	VERTICAL FENCING 2-WAY POST & CONT.RAIL ELEVATIONS		
A-202	-	VERTICAL FENCING 2-WAY POST DETAILS		
A-300	-	HORIZONTAL FENCING 4x4 POST ELEVATIONS		
A-301	-	HORIZONTAL FENCING 4x4 POST DETAILS		
A-400	-	VERTICAL FENCING 4x4 POST ELEVATIONS		
A-401	-	VERTICAL FENCING 4x4 POST DETAILS		

GENERAL NOTES:

PREPARED BY:



PARALLEL  
ARCHITECTURAL PRODUCTS

2750 S. RARITAN STREET ENGLEWOOD, CO 80110

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DATE ISSUED: 00/00/2024

#### PLAN REVISIONS

NO.	DATE	DESCRIPTION

#### PROJECT NAME:

PARALLEL - SHOP DWGS

#### DRAWING NAME:

TITLE SHEET

PROJECT NO:

000

DRAWING NO:

T-100

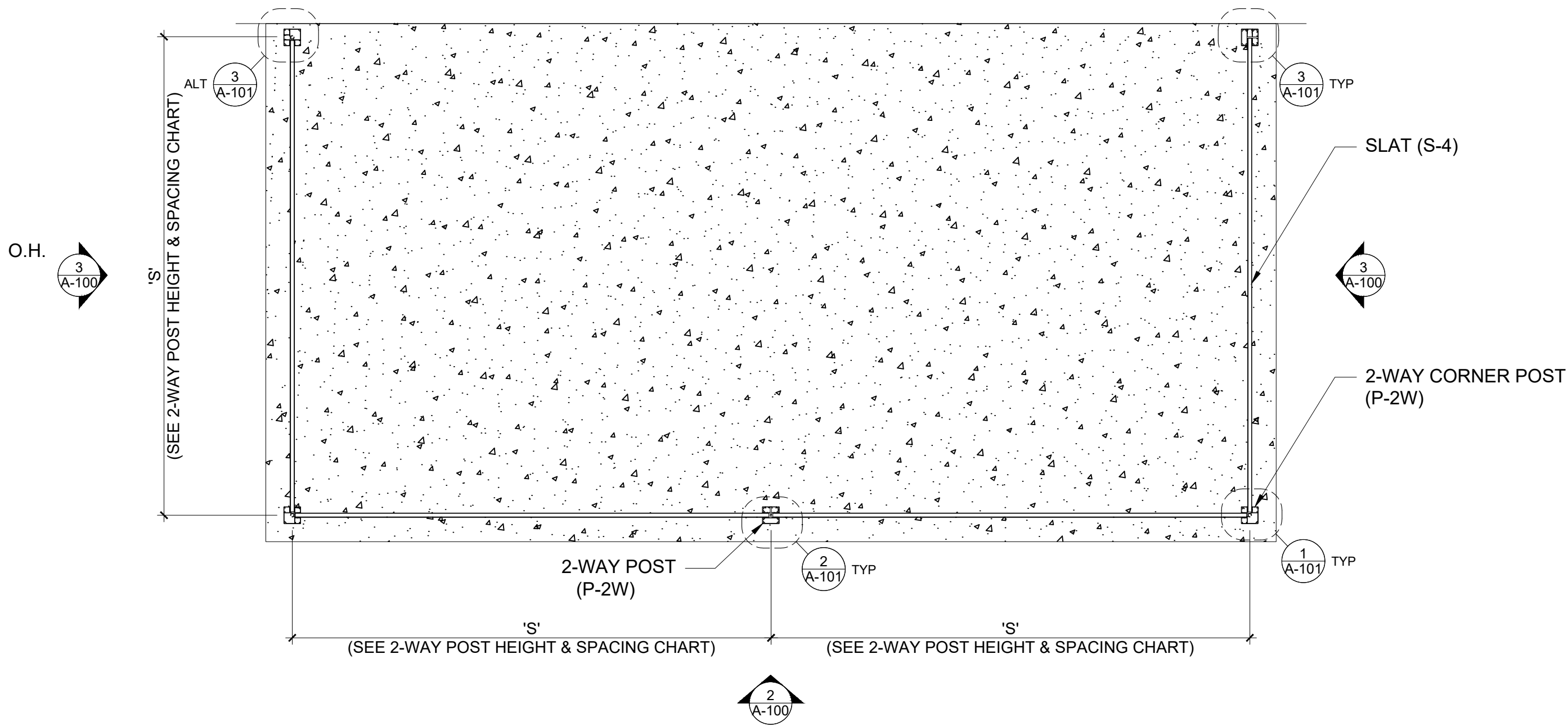
PAGE NO:

1 OF 11





File Name: J:\Parallel\2024 Parallel Standards\FENCE GENERIC CCH.dwg  
Plot Date: Monday, April 15, 2024 2:41:29 PM  
Plotted By: Cristina Garcia



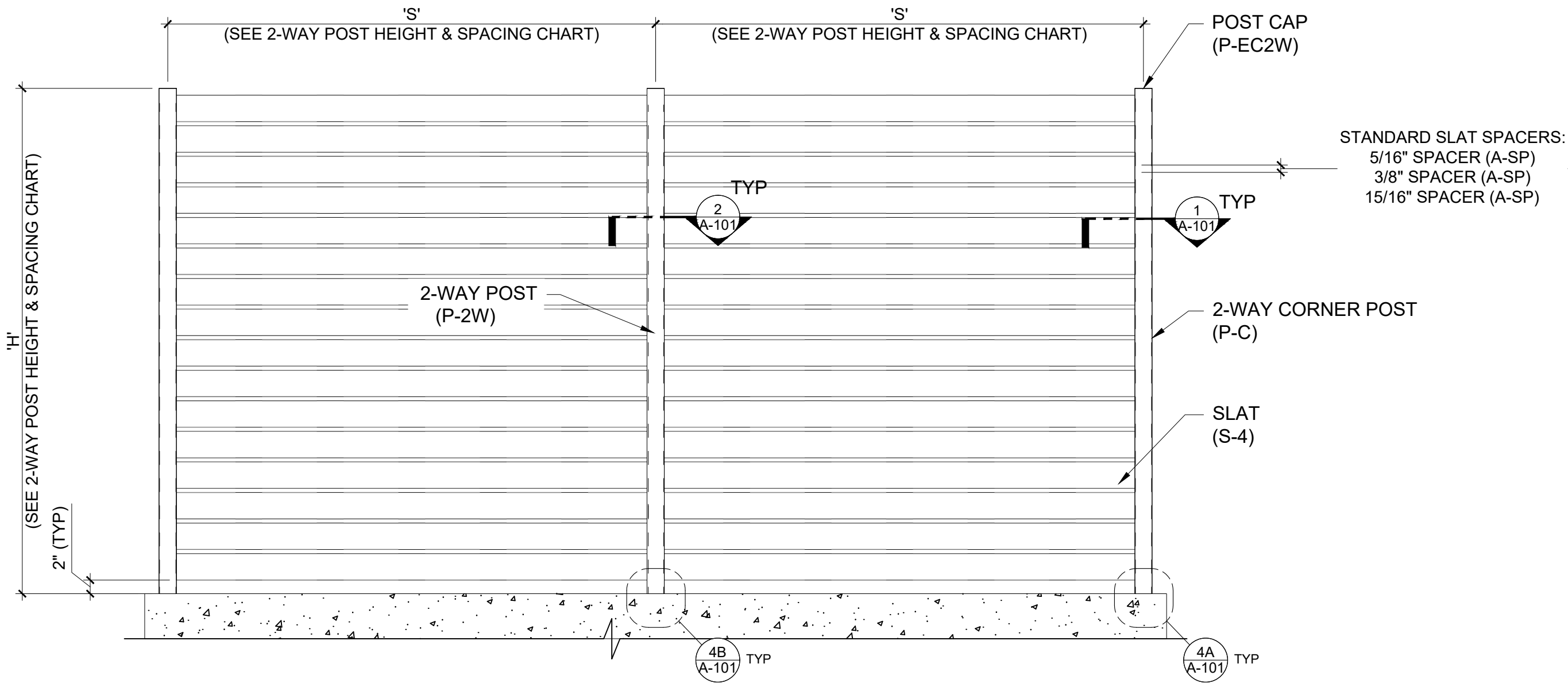
1 2-WAY POST FENCE - PLAN VIEW  
SCALE: 3/4" = 1'-0"

2-WAY POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
4'-0"	4'-0"	39 PSF
4'-0"	5'-0"	31 PSF
4'-0"	6'-0"	26 PSF
5'-0"	4'-0"	25 PSF
5'-0"	5'-0"	20 PSF
5'-0"	6'-0"	16.5 PSF
6'-0"	3'-0"	23 PSF
6'-0"	4'-0"	17 PSF
6'-0"	5'-0"	14 PSF
6'-0"	6'-0"	11.5 PSF
7'-0"	3'-0"	17 PSF
7'-0"	4'-0"	12.5 PSF
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8'-0"	3'-0"	13 PSF
8'-0"	4'-0"	9.75 PSF

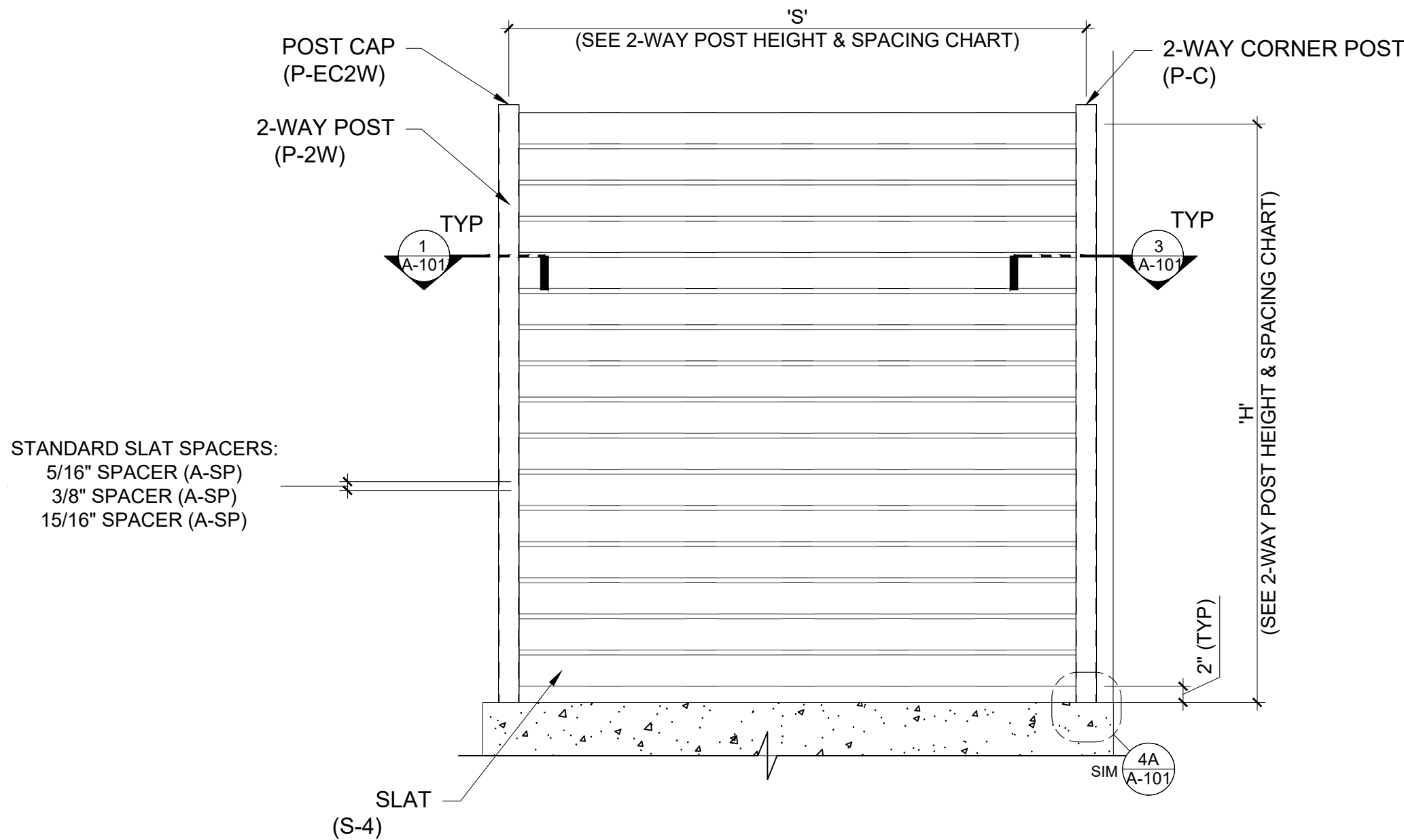
1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

2-WAY POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
4'-0"	4'-0"	49 PSF
4'-0"	5'-0"	39 PSF
4'-0"	6'-0"	32 PSF
5'-0"	4'-0"	31 PSF
5'-0"	5'-0"	25 PSF
5'-0"	6'-0"	20 PSF
6'-0"	3'-0"	29 PSF
6'-0"	4'-0"	21 PSF
6'-0"	5'-0"	17 PSF
6'-0"	6'-0"	14.5 PSF
7'-0"	3'-0"	21 PSF
7'-0"	4'-0"	16 PSF
7'-0"	5'-0"	12.5 PSF
8'-0"	3'-0"	16.25 PSF
8'-0"	4'-0"	12.25 PSF

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.



2 2-WAY POST FENCE - ELEVATION I  
SCALE: 3/4" = 1'-0"



3 2-WAY POST FENCE - ELEVATION II  
SCALE: 3/4" = 1'-0"

GENERAL NOTES:

PREPARED BY:



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PLAN REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

HORIZONTAL FENCING 2- WAY POST ELEVATIONS

PROJECT NO:

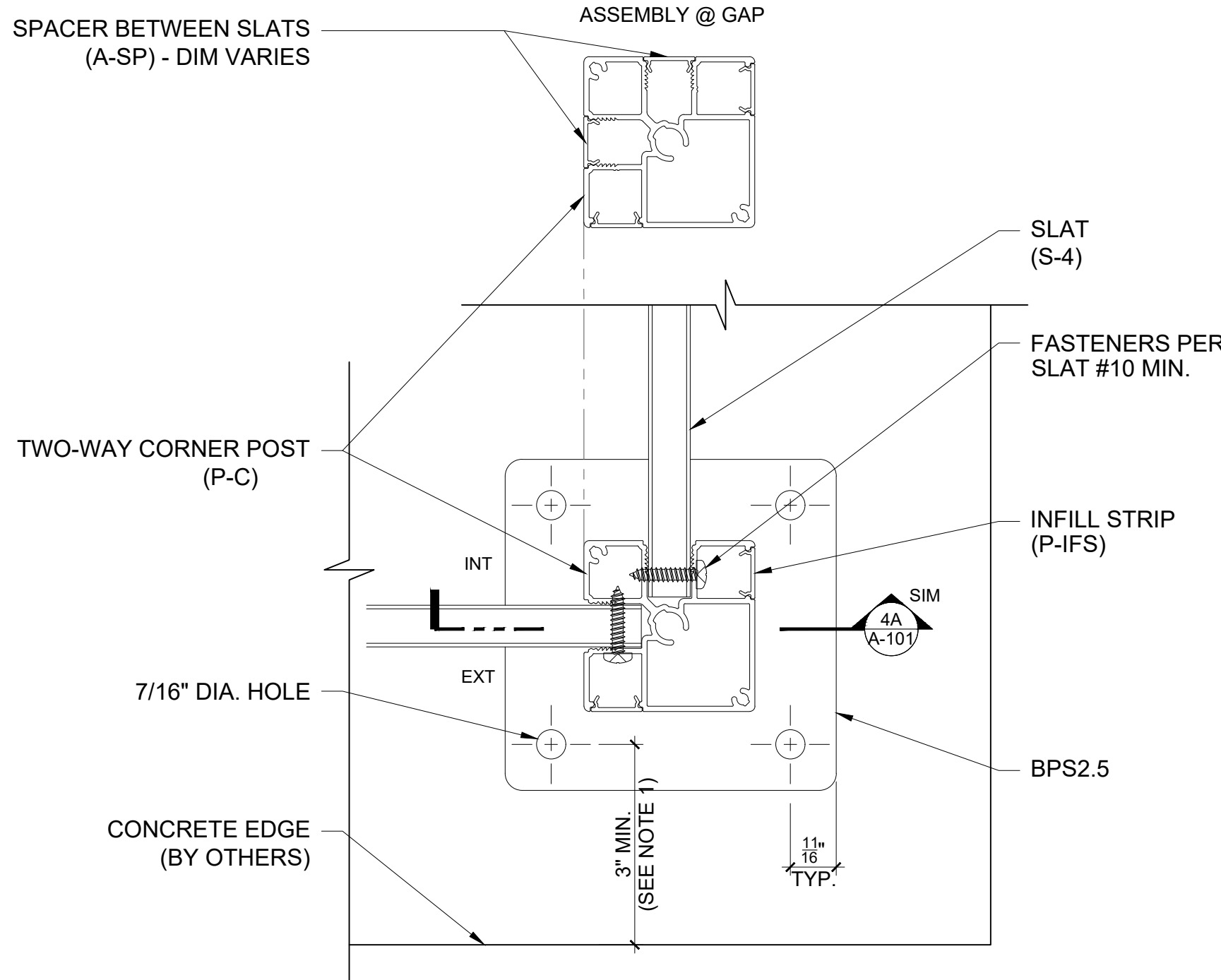
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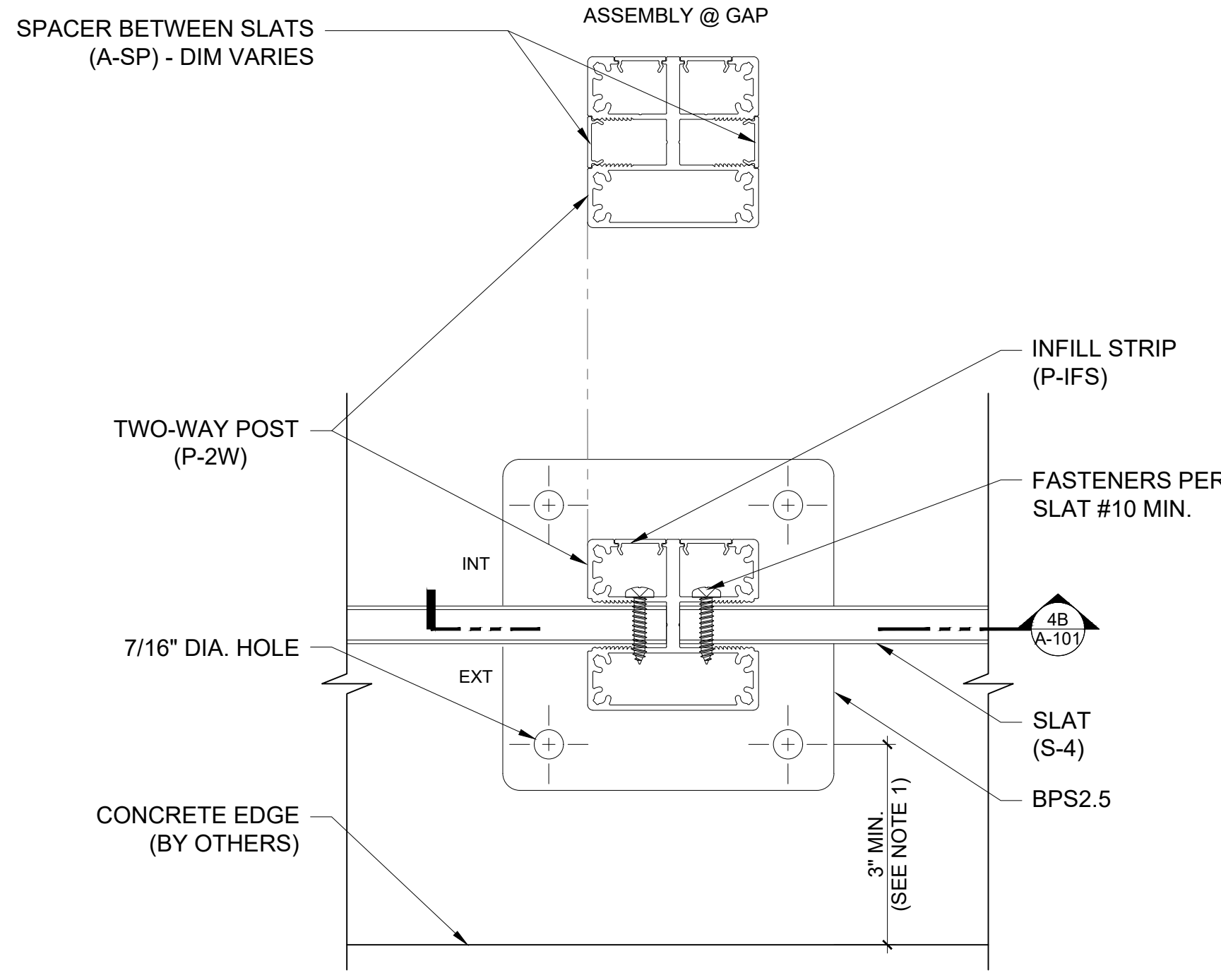
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PAGE NO:

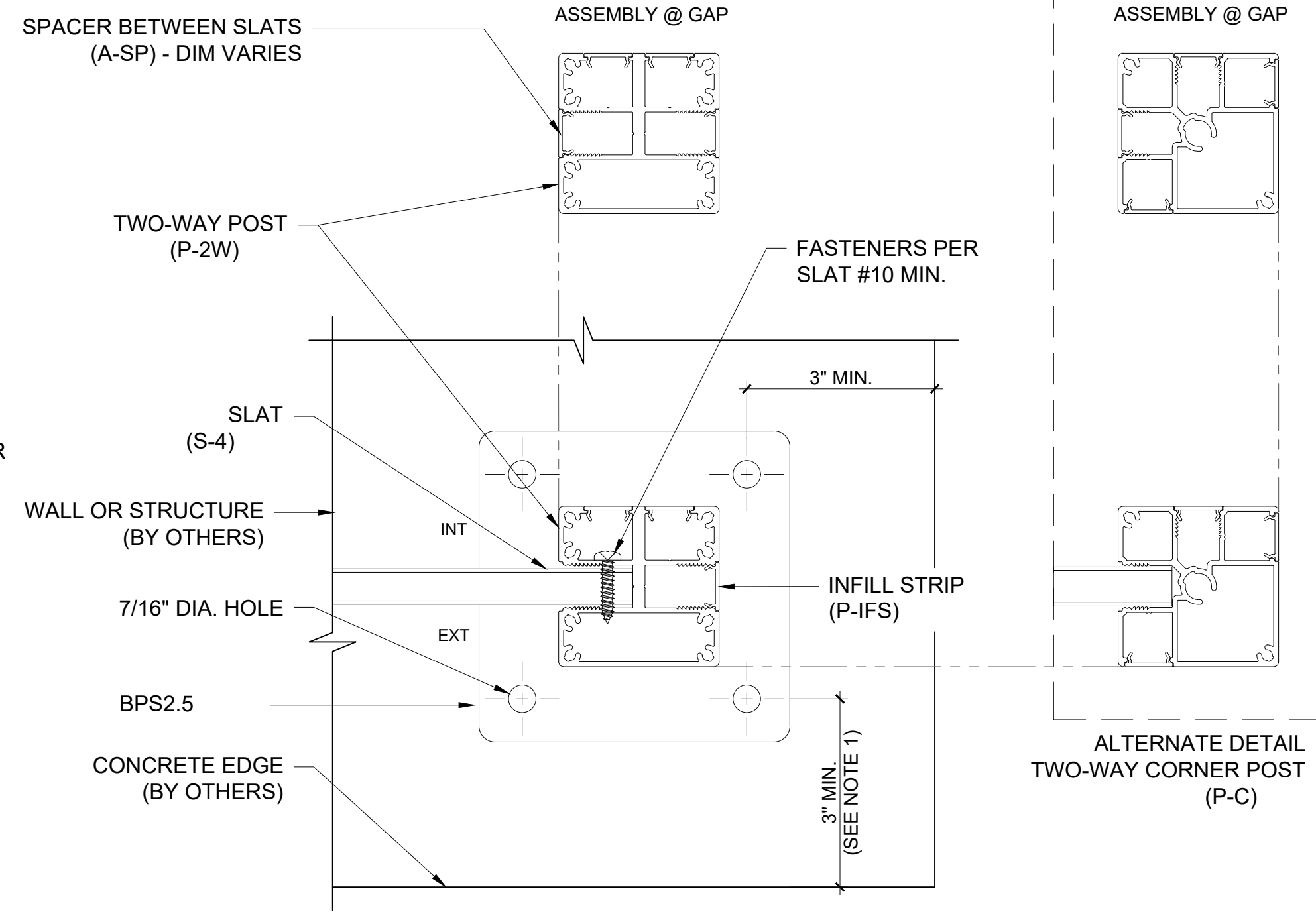
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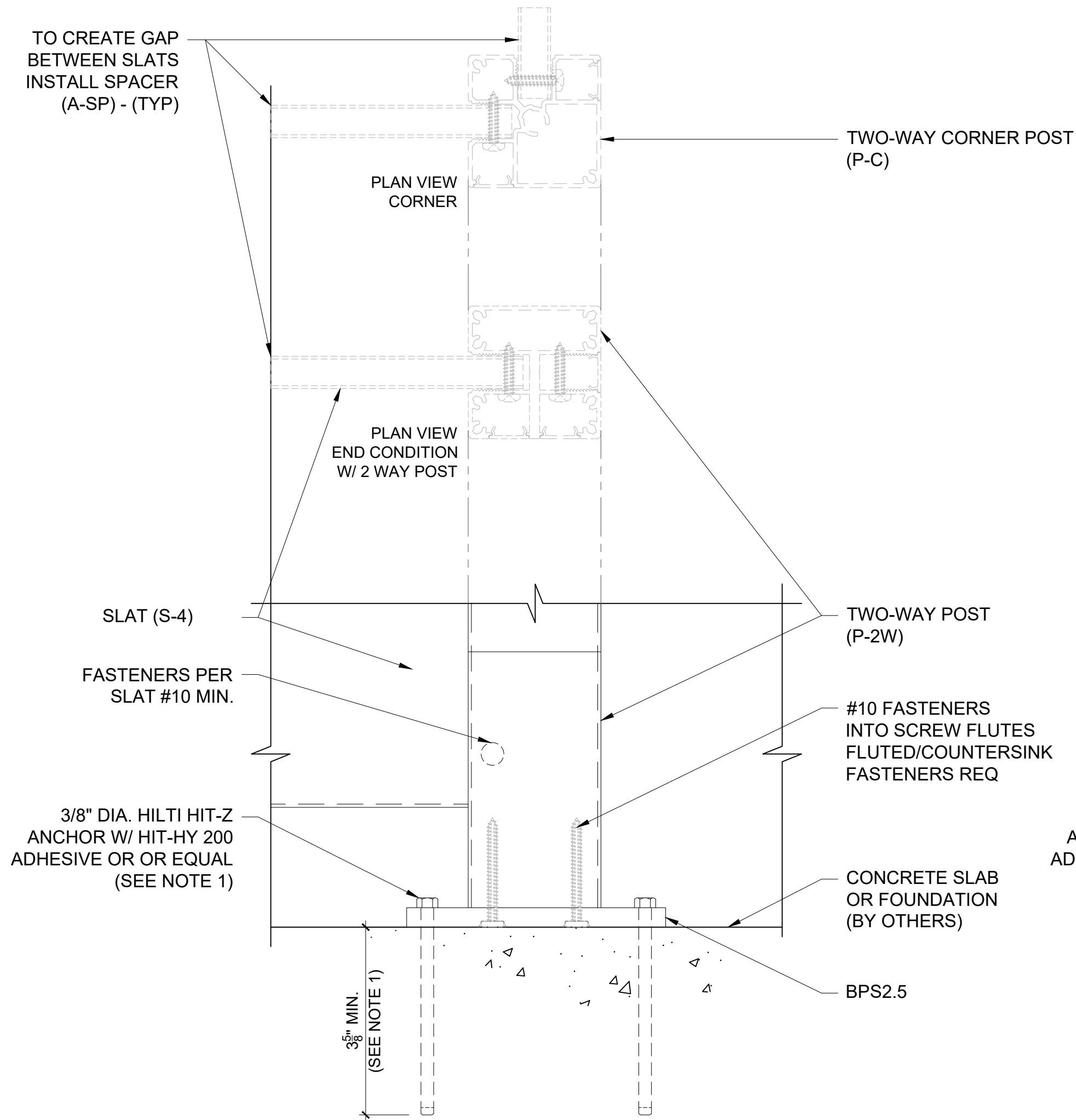
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SCALE: 6" = 1'-0"



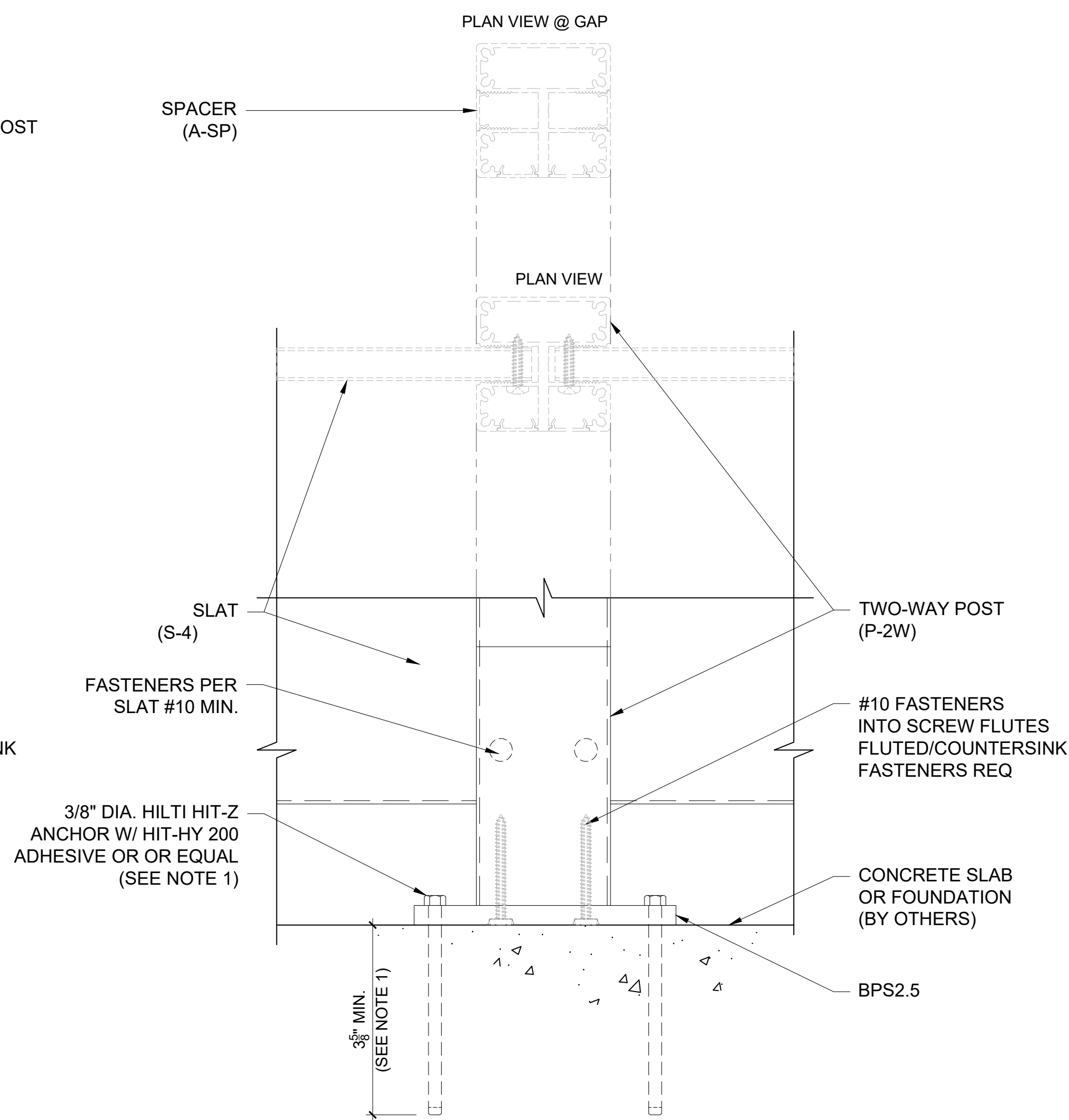
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SCALE: 6" = 1'-0"



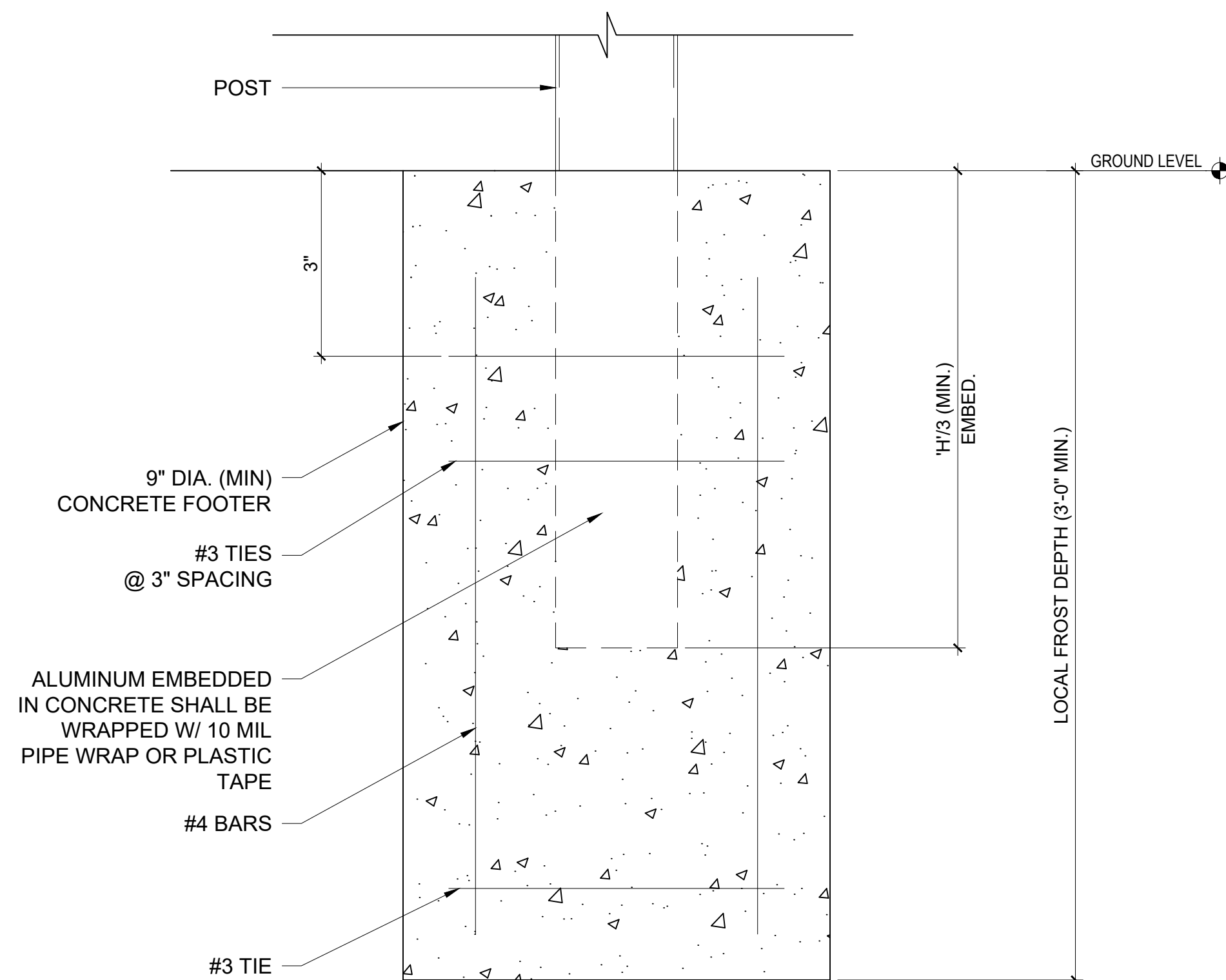
3 TYPICAL 2-WAY POST END CONNECTION DETAIL  
SCALE: 6" = 1'-0"



4A TYPICAL 2-WAY POST ANCHOR DETAIL  
SCALE: 6" = 1'-0"



4B TYPICAL 2-WAY POST ANCHOR DETAIL  
SCALE: 6" = 1'-0"



4C TYPICAL 2-WAY POST EMBEDMENT ALTERNATE DETAIL  
SCALE: 6" = 1'-0"

GENERAL NOTES:

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PLAN REVISIONS  
NO. DATE DESCRIPTION

PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

HORIZONTAL FENCING 2-WAY POST DETAILS

PROJECT NO:  
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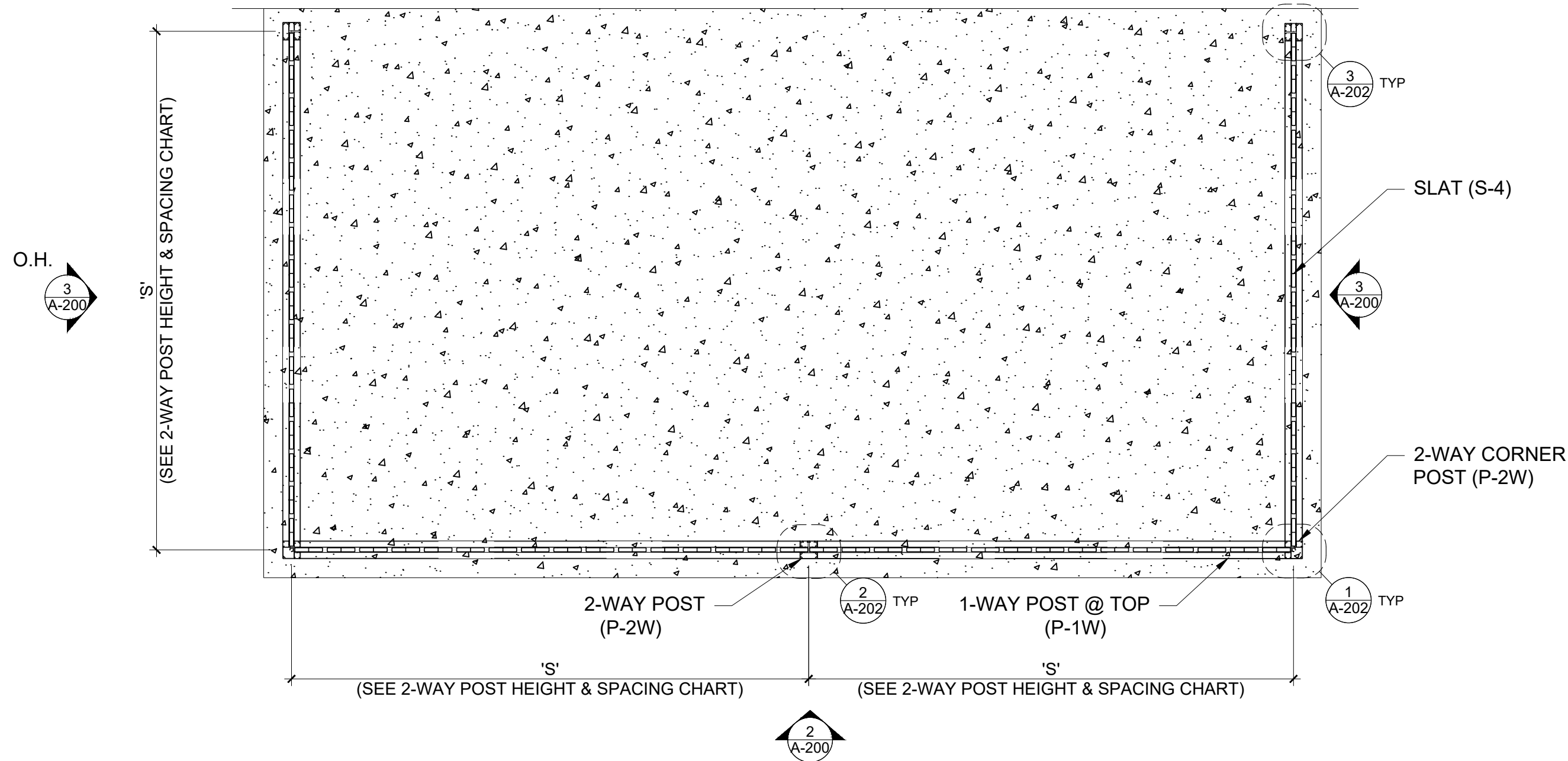
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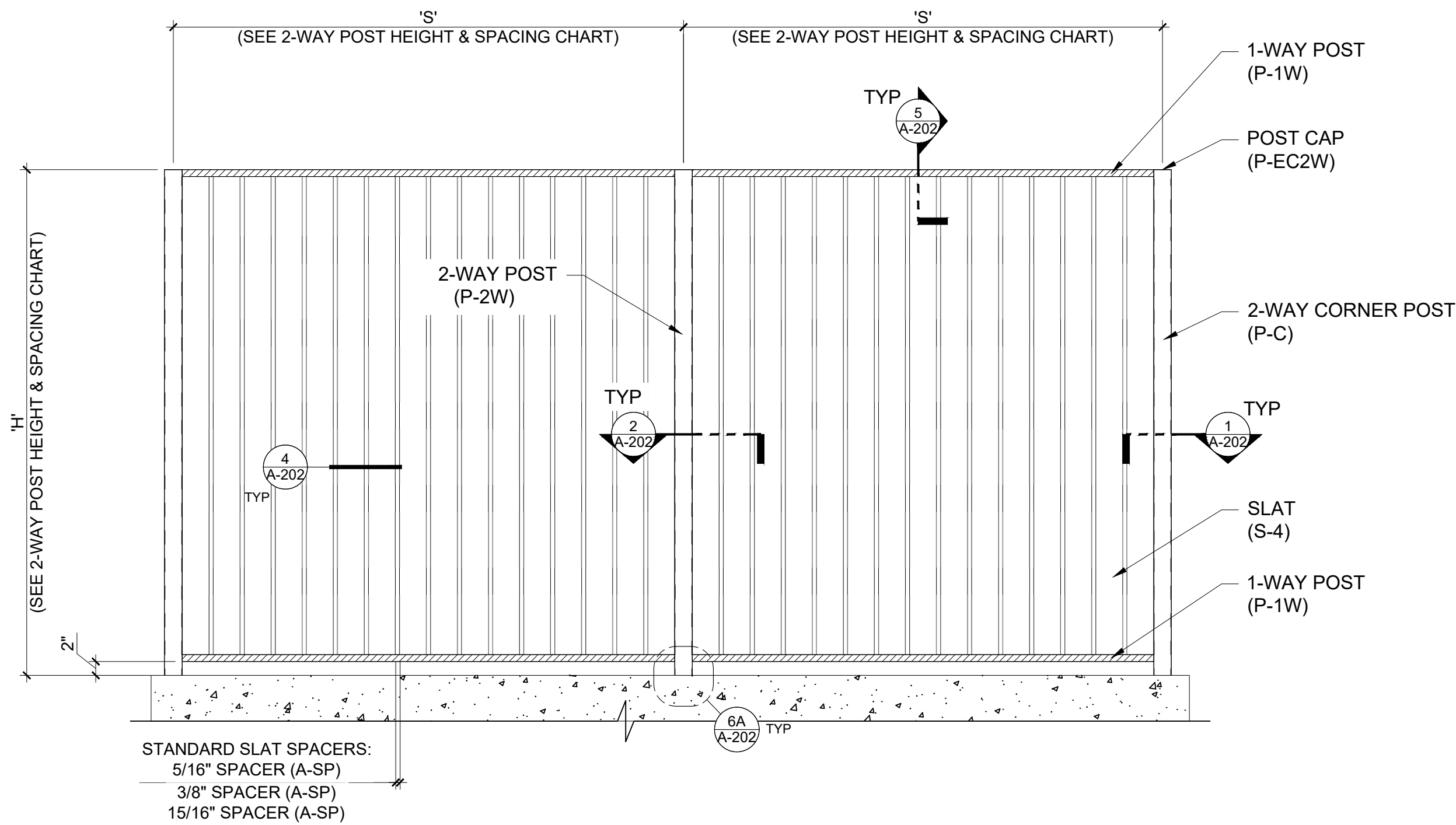
4 OF 11



File Name: J:\Parallel\2024 Parallel Standards\FENCE GENERIC CCH.dwg  
Plot Date: Monday, April 15, 2024 2:41:38 PM  
Plotted By: Cristina Garcia



1 2-WAY POST FENCE W/ VERTICAL SLATS - PLAN VIEW  
SCALE: 3/4" = 1'-0"



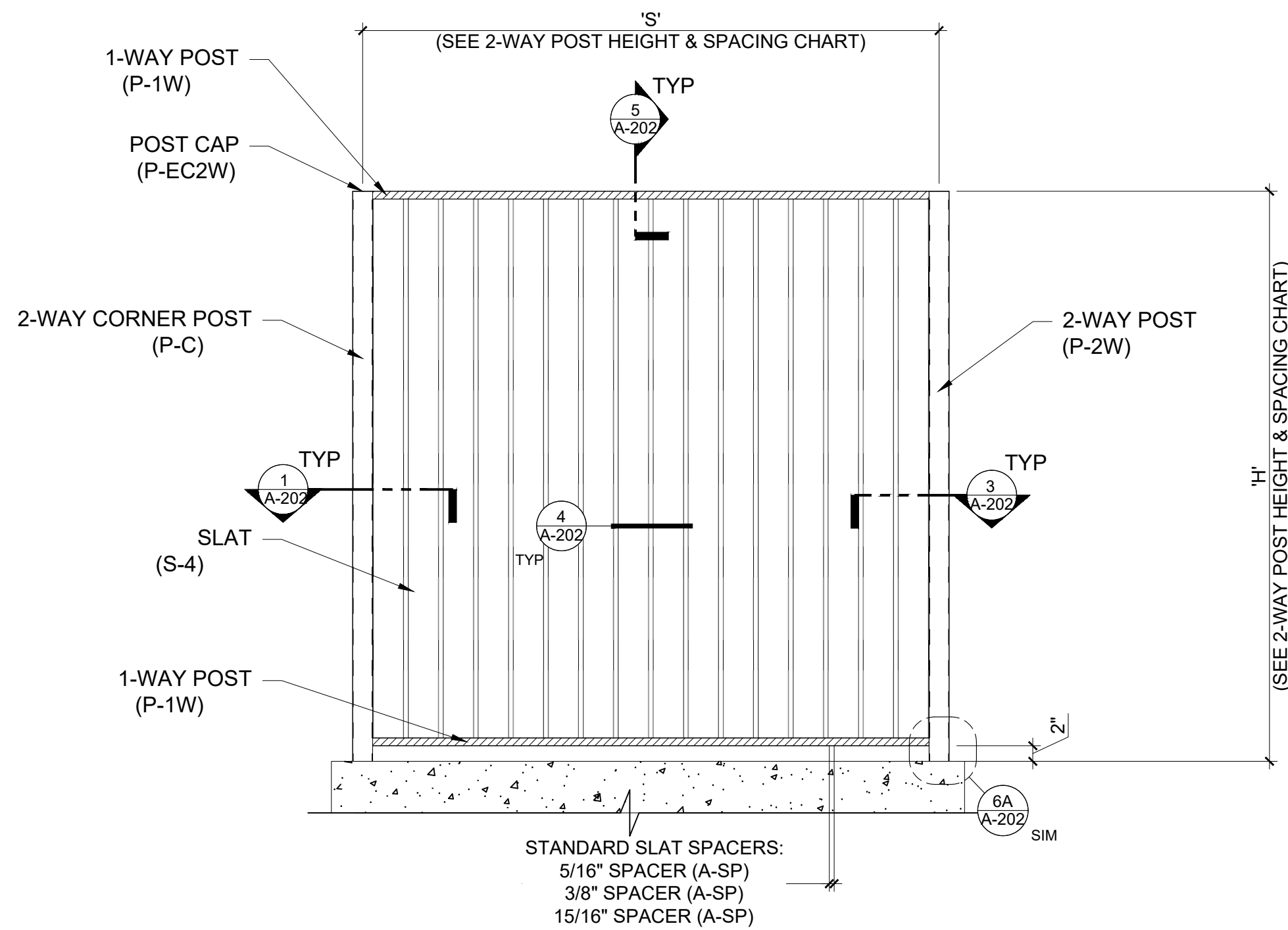
2 2-WAY POST FENCE W/ VERTICAL SLATS - ELEVATION I  
SCALE: 3/4" = 1'-0"

2-WAY POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
4'-0"	4'-0"	39 PSF
4'-0"	5'-0"	31 PSF
4'-0"	6'-0"	26 PSF
5'-0"	4'-0"	25 PSF
5'-0"	5'-0"	20 PSF
5'-0"	6'-0"	16.5 PSF
6'-0"	3'-0"	23 PSF
6'-0"	4'-0"	17 PSF
6'-0"	5'-0"	14 PSF
6'-0"	6'-0"	11.5 PSF
7'-0"	3'-0"	17 PSF
7'-0"	4'-0"	12.5 PSF
7'-0"	5'-0"	10 PSF
8'-0"	3'-0"	13 PSF
8'-0"	4'-0"	9.75 PSF

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

2-WAY POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
4'-0"	4'-0"	49 PSF
4'-0"	5'-0"	39 PSF
4'-0"	6'-0"	32 PSF
5'-0"	4'-0"	31 PSF
5'-0"	5'-0"	25 PSF
5'-0"	6'-0"	20 PSF
6'-0"	3'-0"	29 PSF
6'-0"	4'-0"	21 PSF
6'-0"	5'-0"	17 PSF
6'-0"	6'-0"	14.5 PSF
7'-0"	3'-0"	21 PSF
7'-0"	4'-0"	16 PSF
7'-0"	5'-0"	12.5 PSF
8'-0"	3'-0"	16.25 PSF
8'-0"	4'-0"	12.25 PSF

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.



3 2-WAY POST FENCE W/ VERTICAL SLATS - ELEVATION II  
SCALE: 3/4" = 1'-0"

GENERAL NOTES:

PREPARED BY:



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DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

VERTICAL FENCING 2-WAY POST ELEVATIONS

PROJECT NO:

000

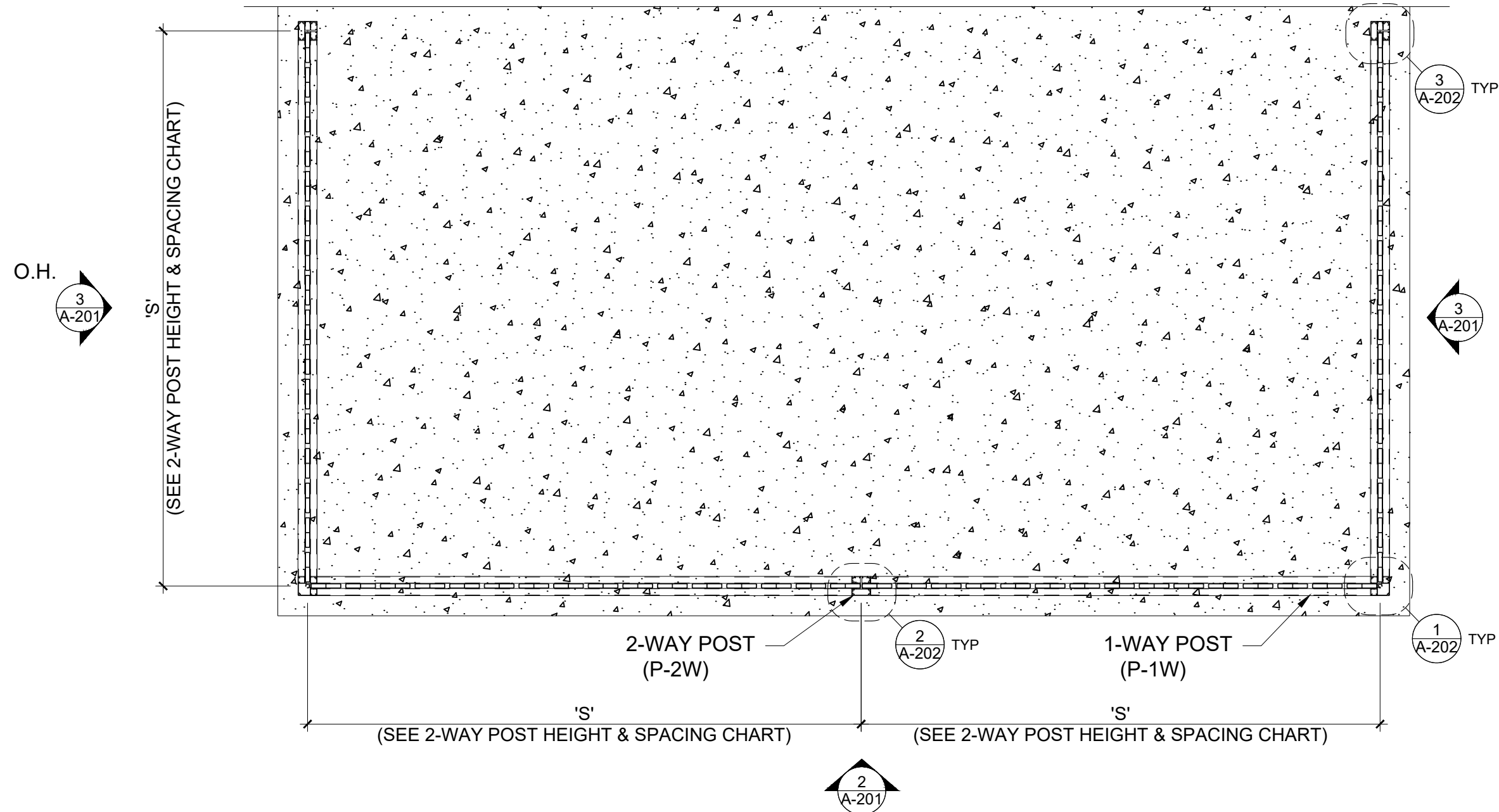
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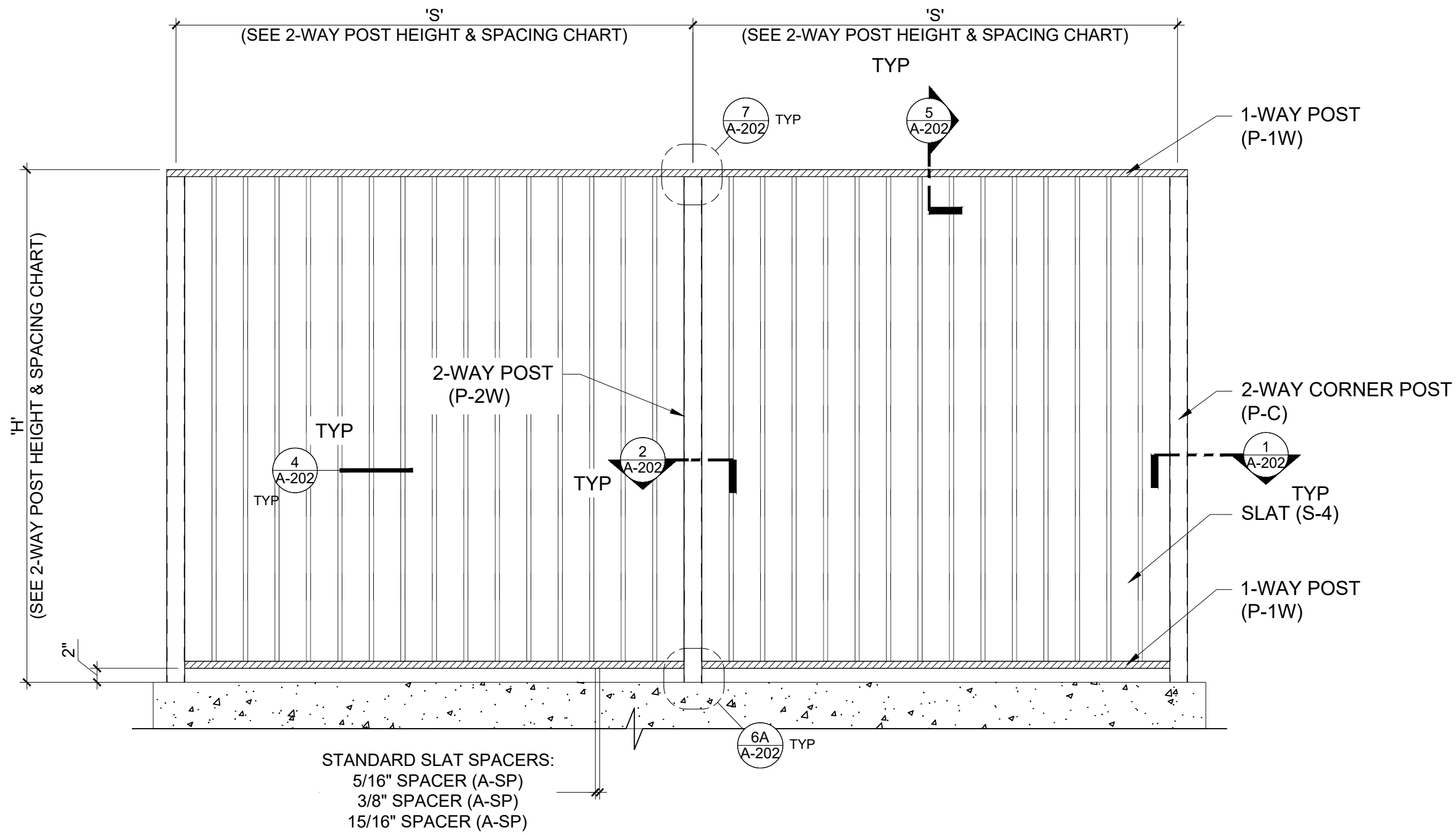
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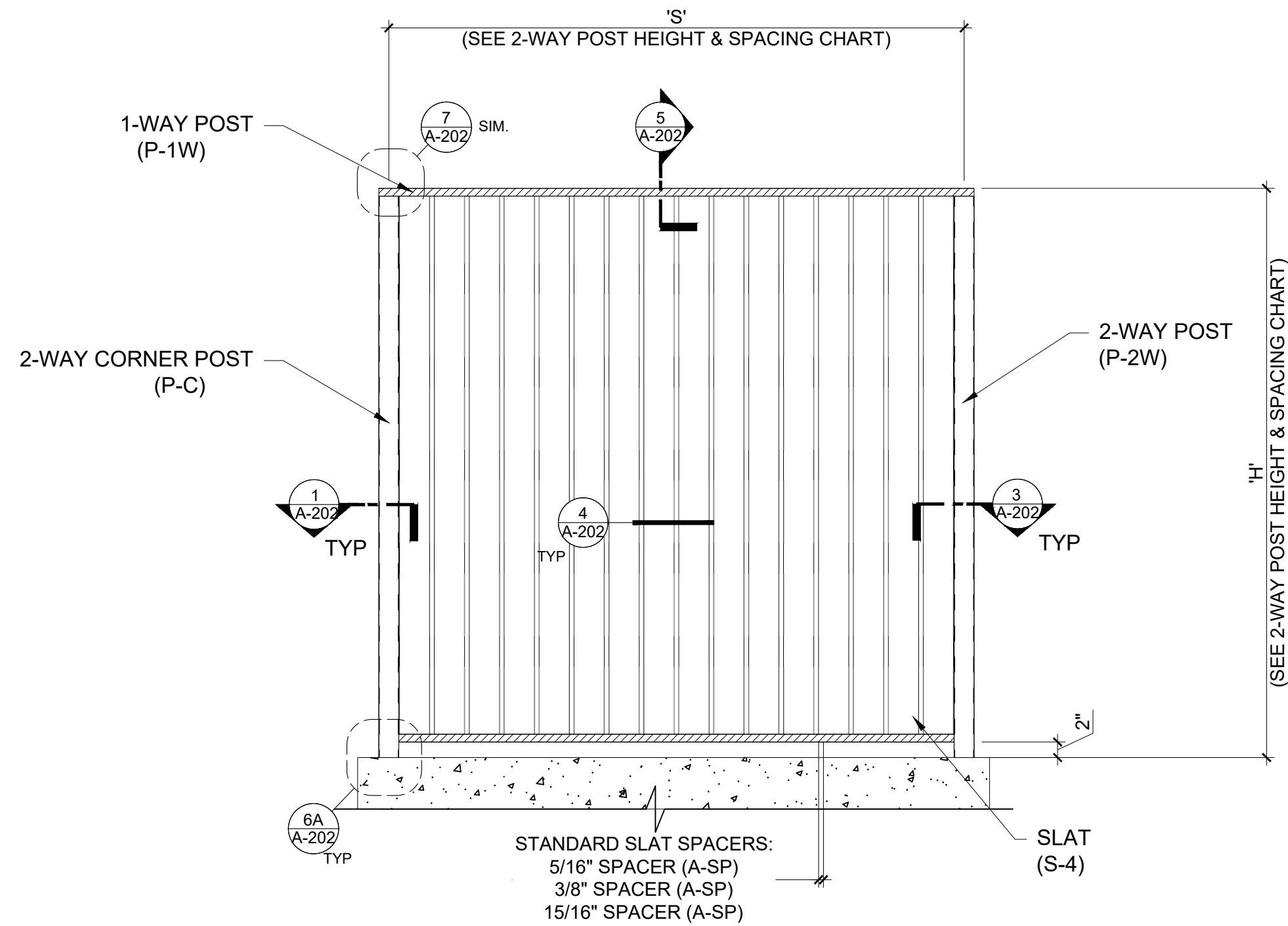
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Plot Date: Monday, April 15, 2024 2:41:44 PM Plotted By: Cristina Garcia



1 2-WAY POST FENCE W/ VERTICAL SLATS - PLAN VIEW  
SCALE: 3/4" = 1'-0"



2 2-WAY POST FENCE W/ VERTICAL SLATS & CONTINUOUS RAIL - ELEVATION I  
SCALE: 3/4" = 1'-0"



3 2-WAY POST FENCE W/ VERTICAL SLATS & CONTINUOUS RAIL - ELEVATION II  
SCALE: 3/4" = 1'-0"

2-WAY POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
4'-0"	4'-0"	39 PSF
4'-0"	5'-0"	31 PSF
4'-0"	6'-0"	26 PSF
5'-0"	4'-0"	25 PSF
5'-0"	5'-0"	20 PSF
5'-0"	6'-0"	16.5 PSF
6'-0"	3'-0"	23 PSF
6'-0"	4'-0"	17 PSF
6'-0"	5'-0"	14 PSF
6'-0"	6'-0"	11.5 PSF
7'-0"	3'-0"	17 PSF
7'-0"	4'-0"	12.5 PSF
7'-0"	5'-0"	10 PSF
8'-0"	3'-0"	13 PSF
8'-0"	4'-0"	9.75 PSF

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

2-WAY POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
4'-0"	4'-0"	49 PSF
4'-0"	5'-0"	39 PSF
4'-0"	6'-0"	32 PSF
5'-0"	4'-0"	31 PSF
5'-0"	5'-0"	25 PSF
5'-0"	6'-0"	20 PSF
6'-0"	3'-0"	29 PSF
6'-0"	4'-0"	21 PSF
6'-0"	5'-0"	17 PSF
6'-0"	6'-0"	14.5 PSF
7'-0"	3'-0"	21 PSF
7'-0"	4'-0"	16 PSF
7'-0"	5'-0"	12.5 PSF
8'-0"	3'-0"	16.25 PSF
8'-0"	4'-0"	12.25 PSF

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

GENERAL NOTES:

PREPARED BY:



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DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

VERTICAL FENCING 2-WAY POST & CONT.RAIL ELEVATIONS

PROJECT NO:

000

DRAWING NO:

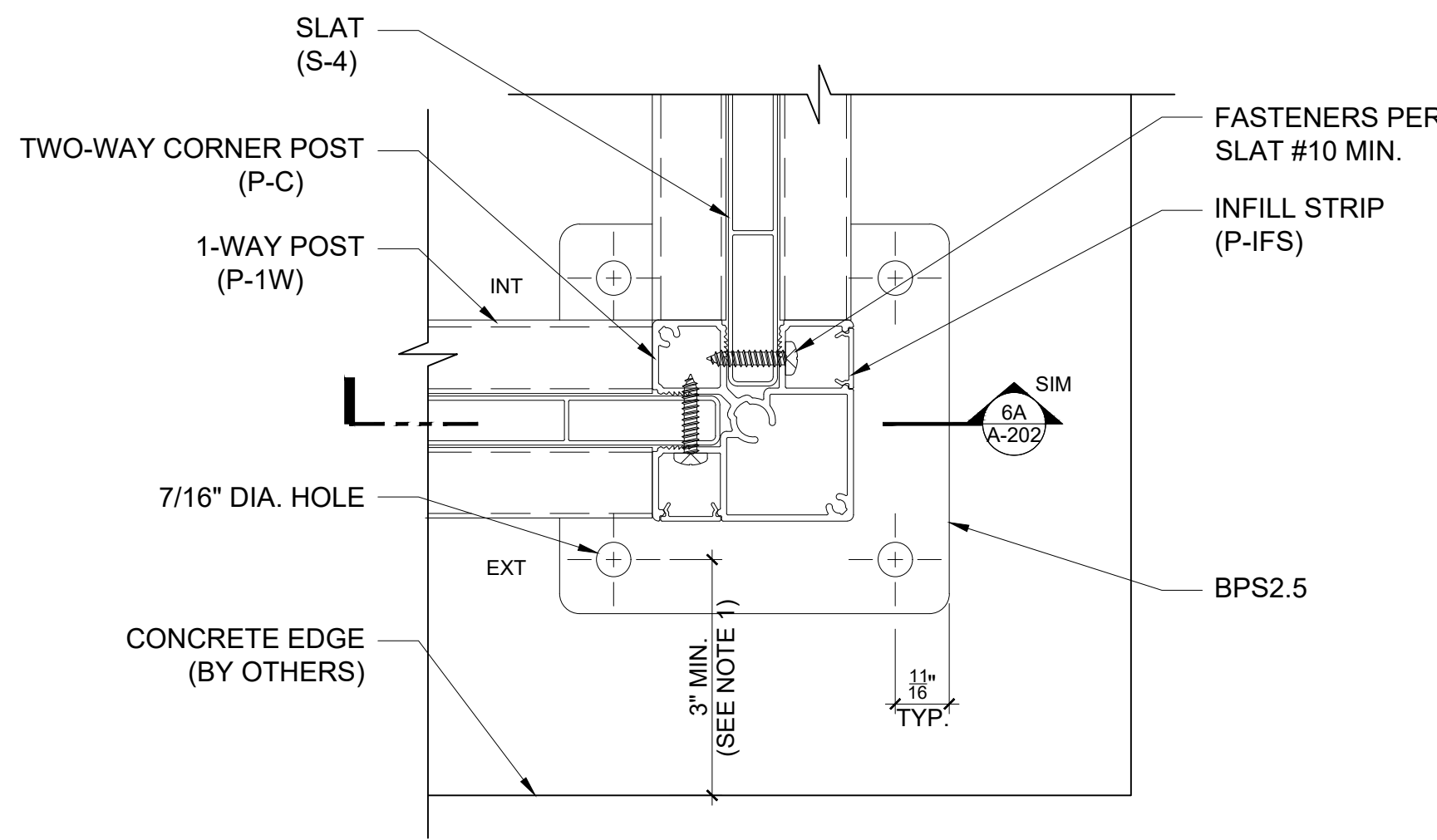
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PAGE NO:

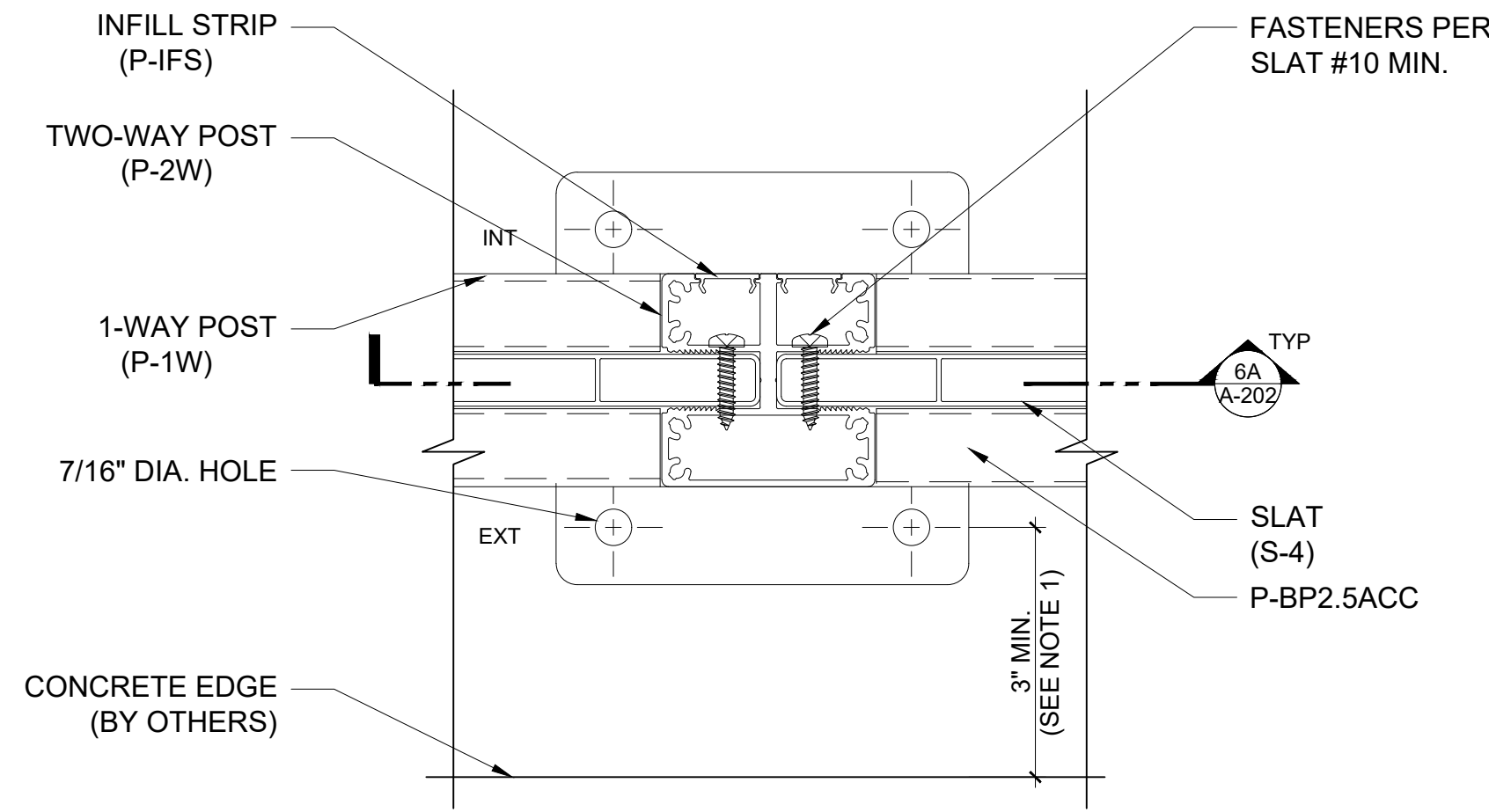
6 OF 11



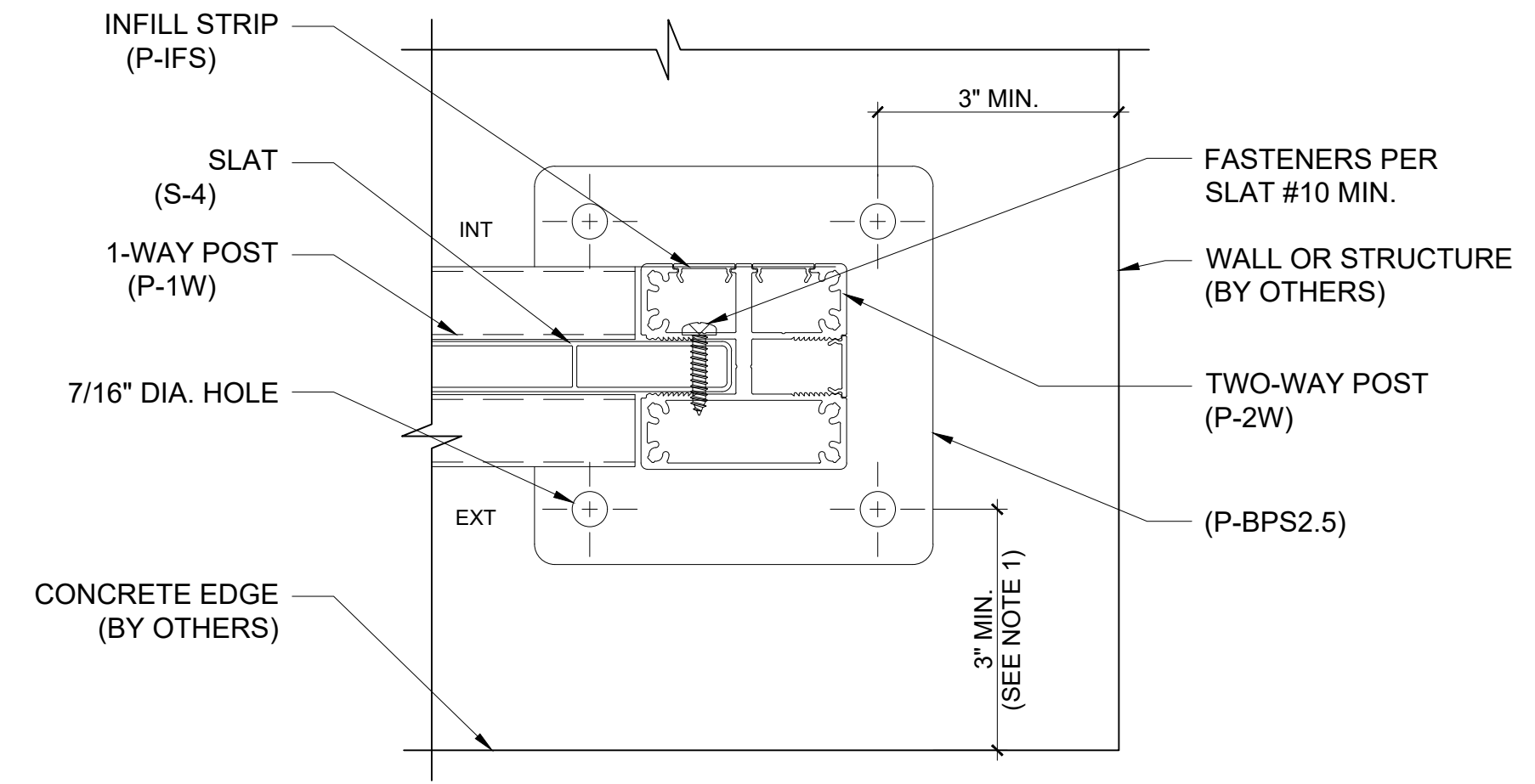
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Plot Date: Monday, April 15, 2024 2:41:49 PM Plotted By: Cristina Garcia



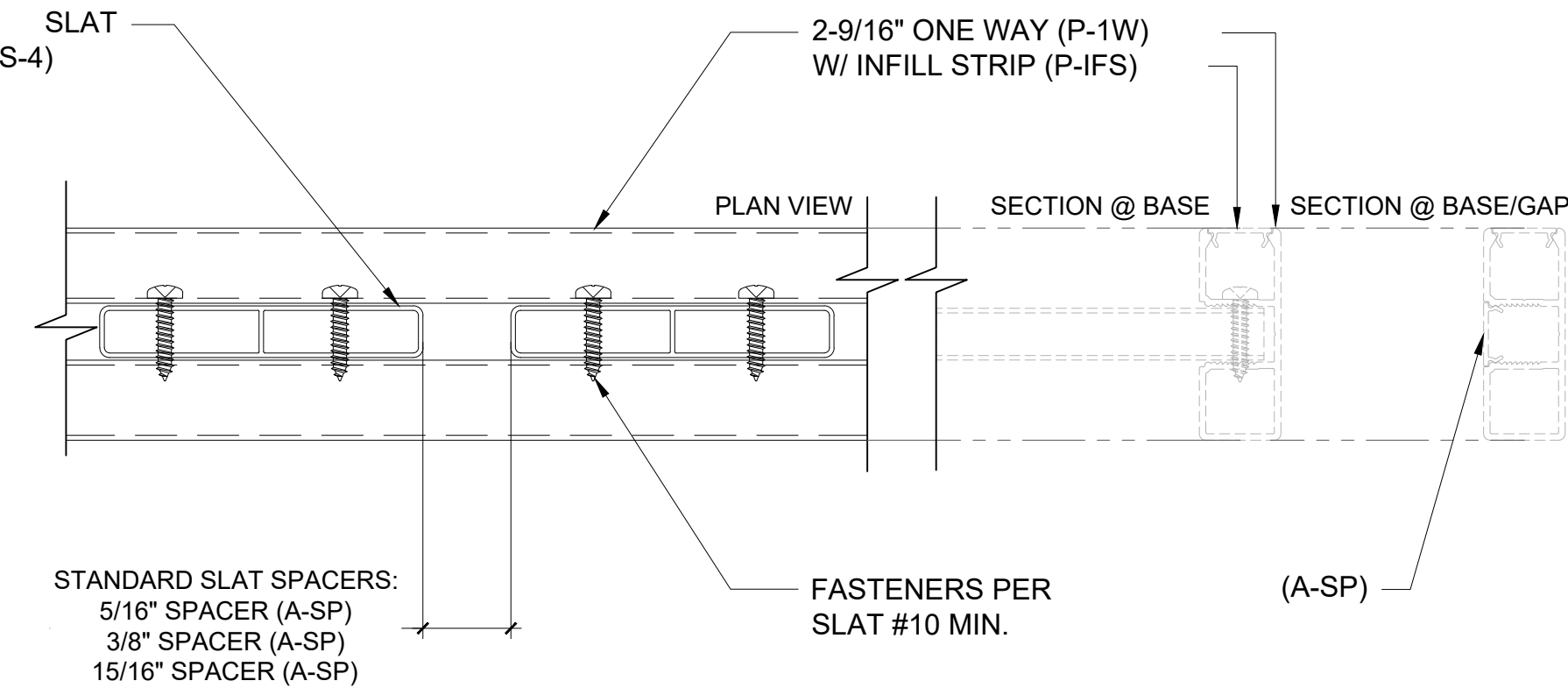
1 TYPICAL 2-WAY CORNER POST CONNECTION DETAIL (VERTICAL SLATS)  
SCALE: 6" = 1'-0"



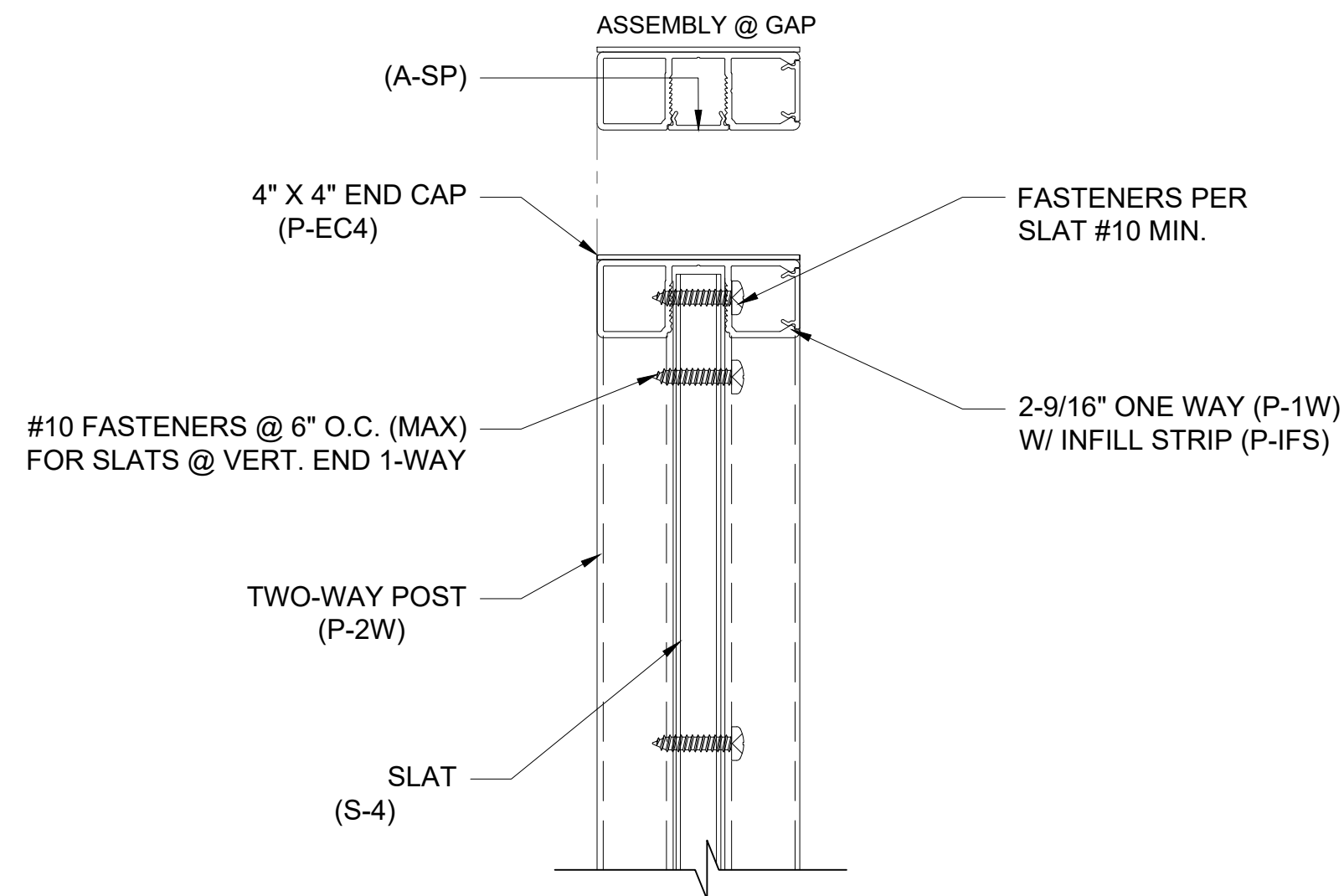
2 TYPICAL 2-WAY POST CONNECTION DETAIL (VERTICAL SLATS)  
SCALE: 6" = 1'-0"



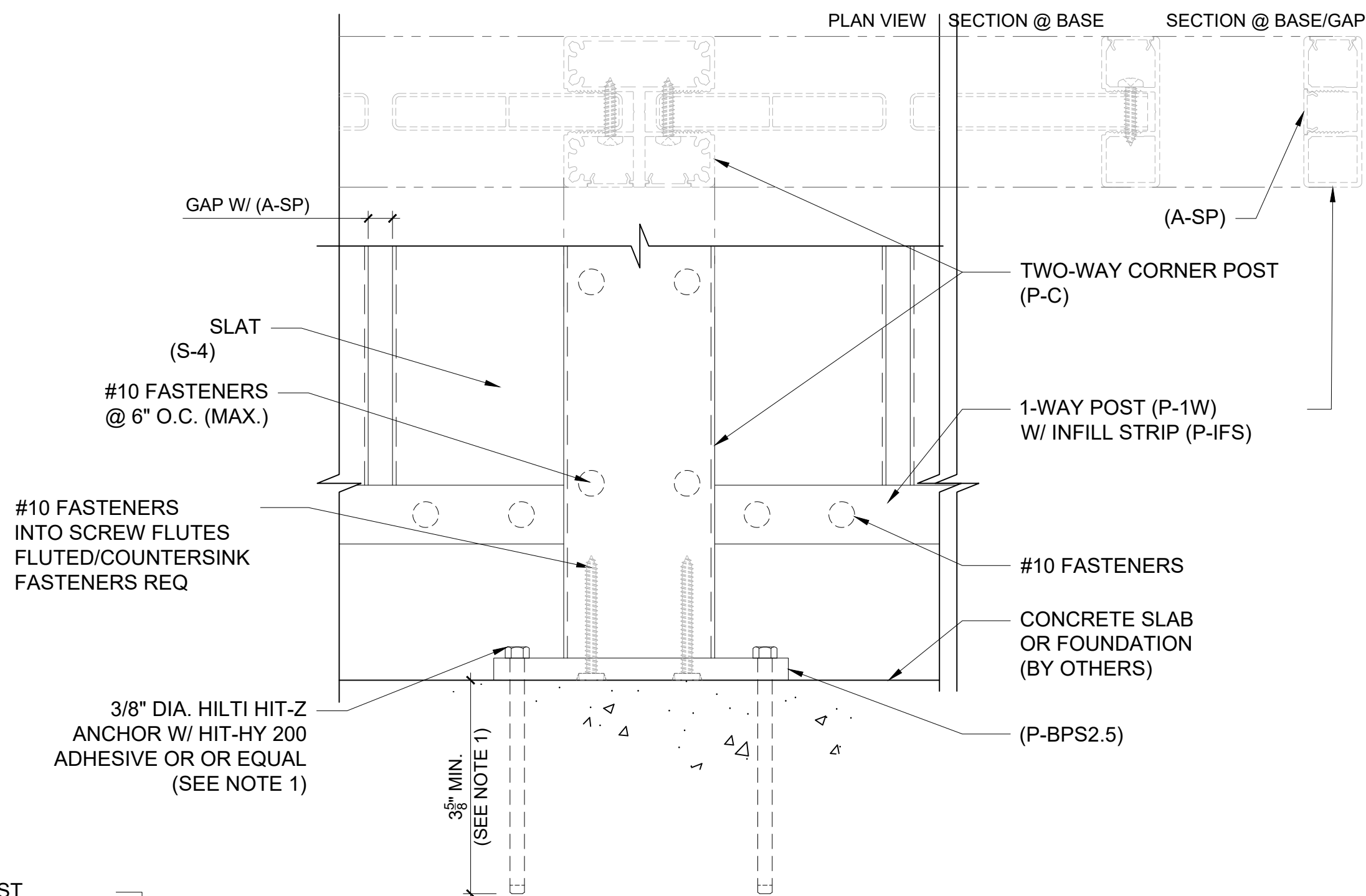
3 TYPICAL 2-WAY POST END CONNECTION DETAIL (VERTICAL SLATS)  
SCALE: 6" = 1'-0"



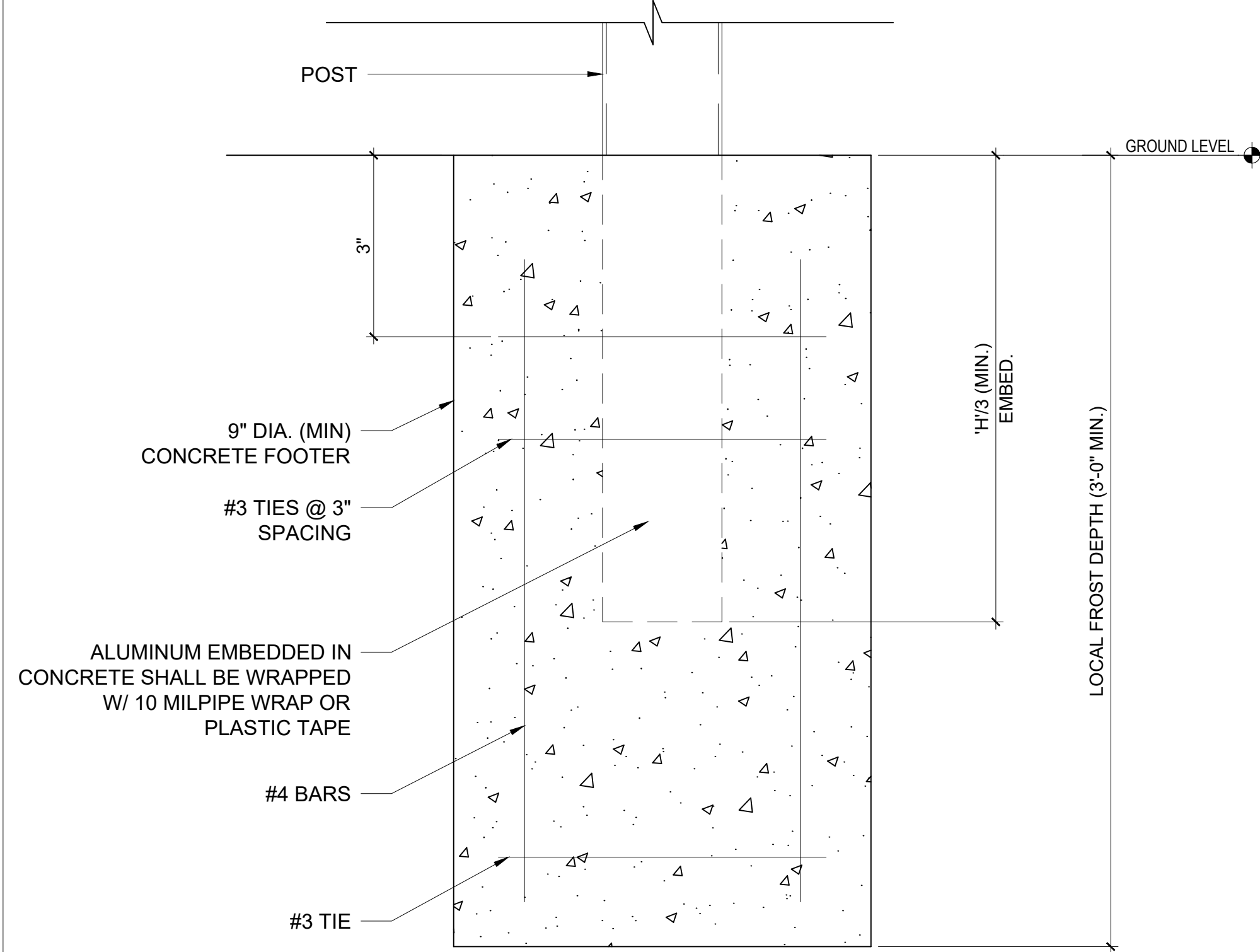
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SCALE: 6" = 1'-0"



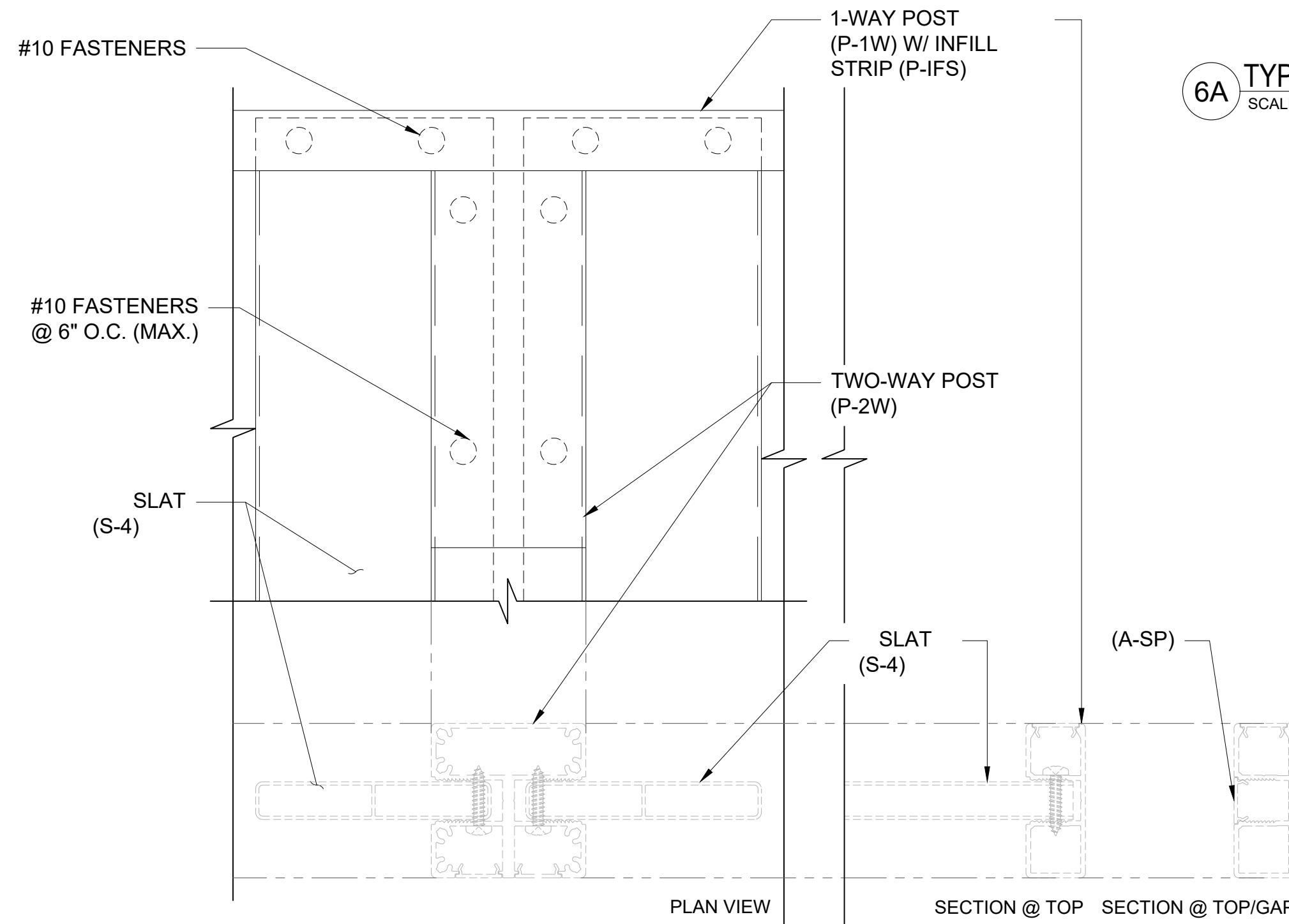
5 TYPICAL TOP SLAT CONNECTION DETAIL (BOTTOM SIMILAR)  
SCALE: 6" = 1'-0"



6A TYPICAL 2-WAY POST END CONNECTION DETAIL (VERTICAL SLATS)  
SCALE: 6" = 1'-0"



6B TYPICAL 2-WAY POST EMBEDMENT ALTERNATE DETAIL  
SCALE: 6" = 1'-0"



7 TYPICAL 2-WAY POST & 1 WAY RAIL TOP CONNECTION DETAIL (VERTICAL SLATS)  
SCALE: 6" = 1'-0"

GENERAL NOTES:

PREPARED BY:



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DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO. DATE DESCRIPTION

PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

VERTICAL FENCING 2-WAY POST DETAILS

PROJECT NO:

000

DRAWING NO:

A-202

PAGE NO:

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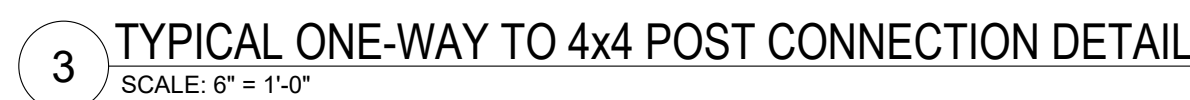
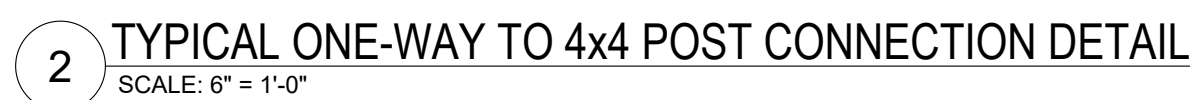
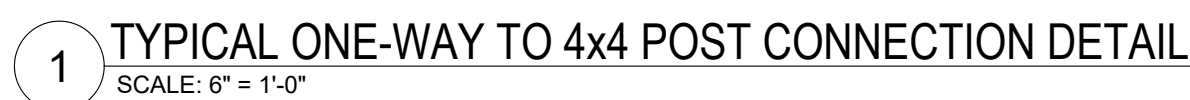
1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.



PAGE NO: 8 OF 11





GENERAL NOTES:
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## PLAN REVISIONS

NO.	DATE	DESCRIPTION
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**PROJECT NAME:**

PARALLEL - SHOP DWG

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DRAWING NAME:

HORIZONTAL FENCING 4x4 POS

PROJECT NO:	DRAWING
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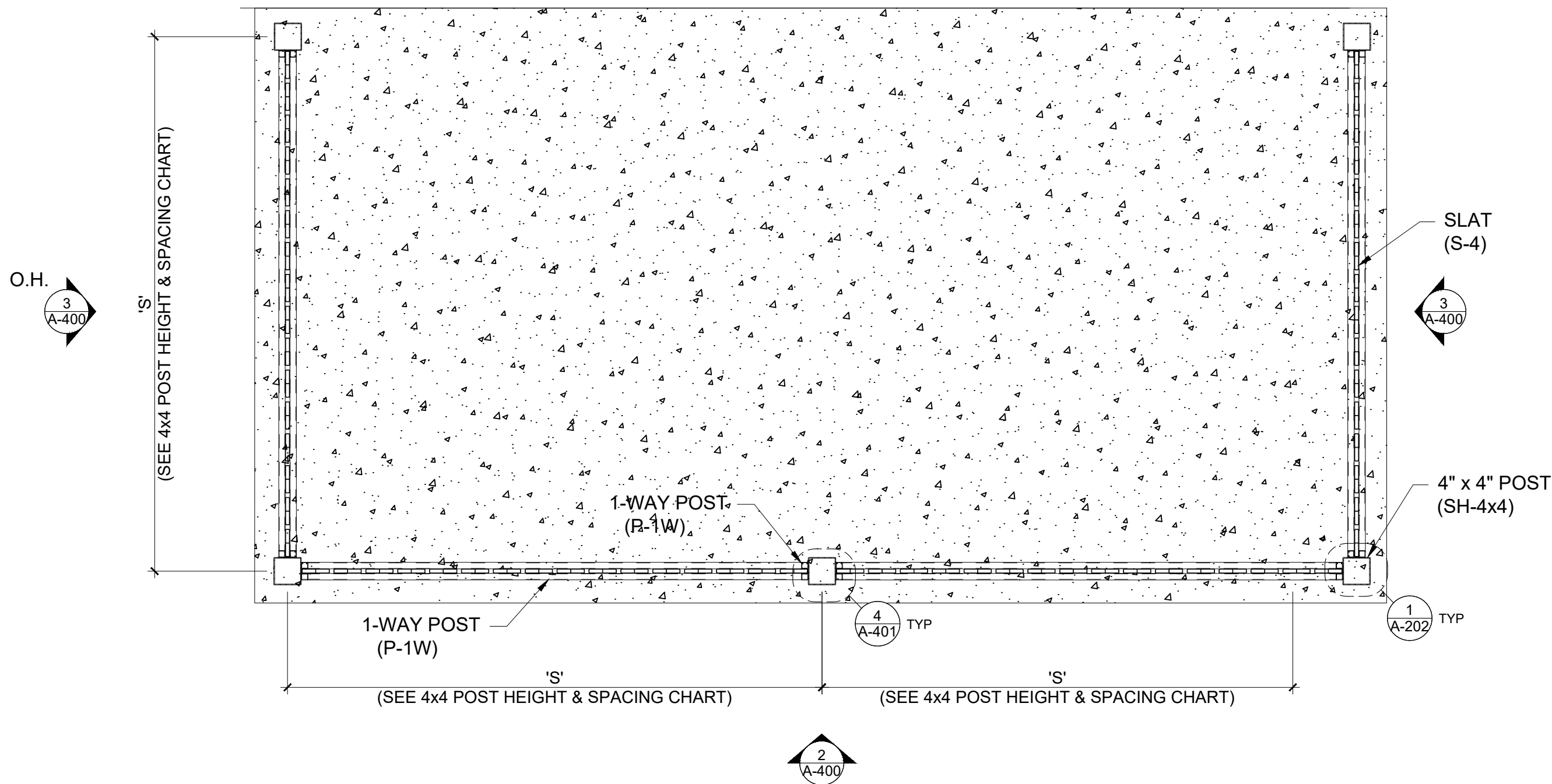
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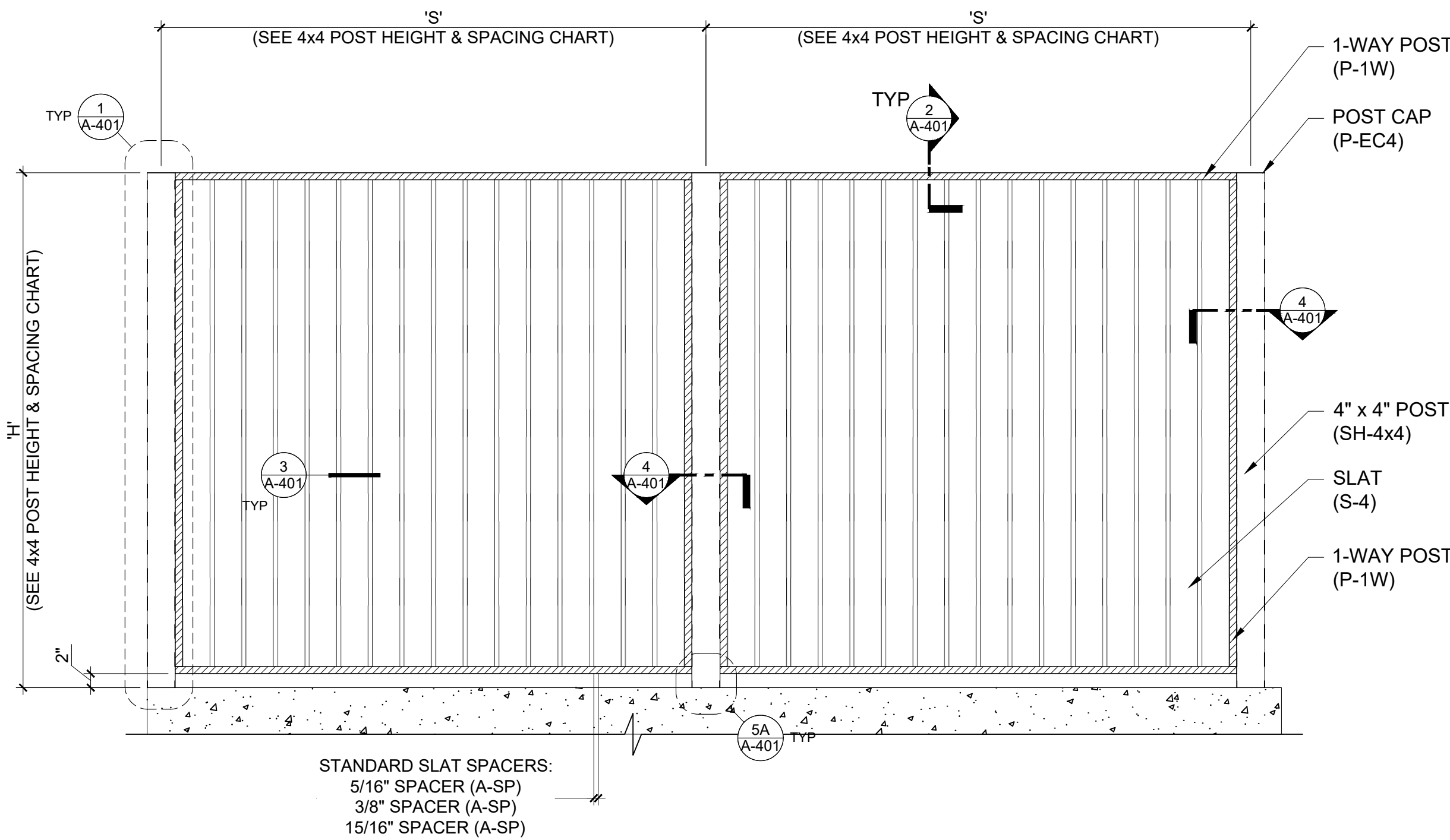
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PAGE NO: 9 OF 10

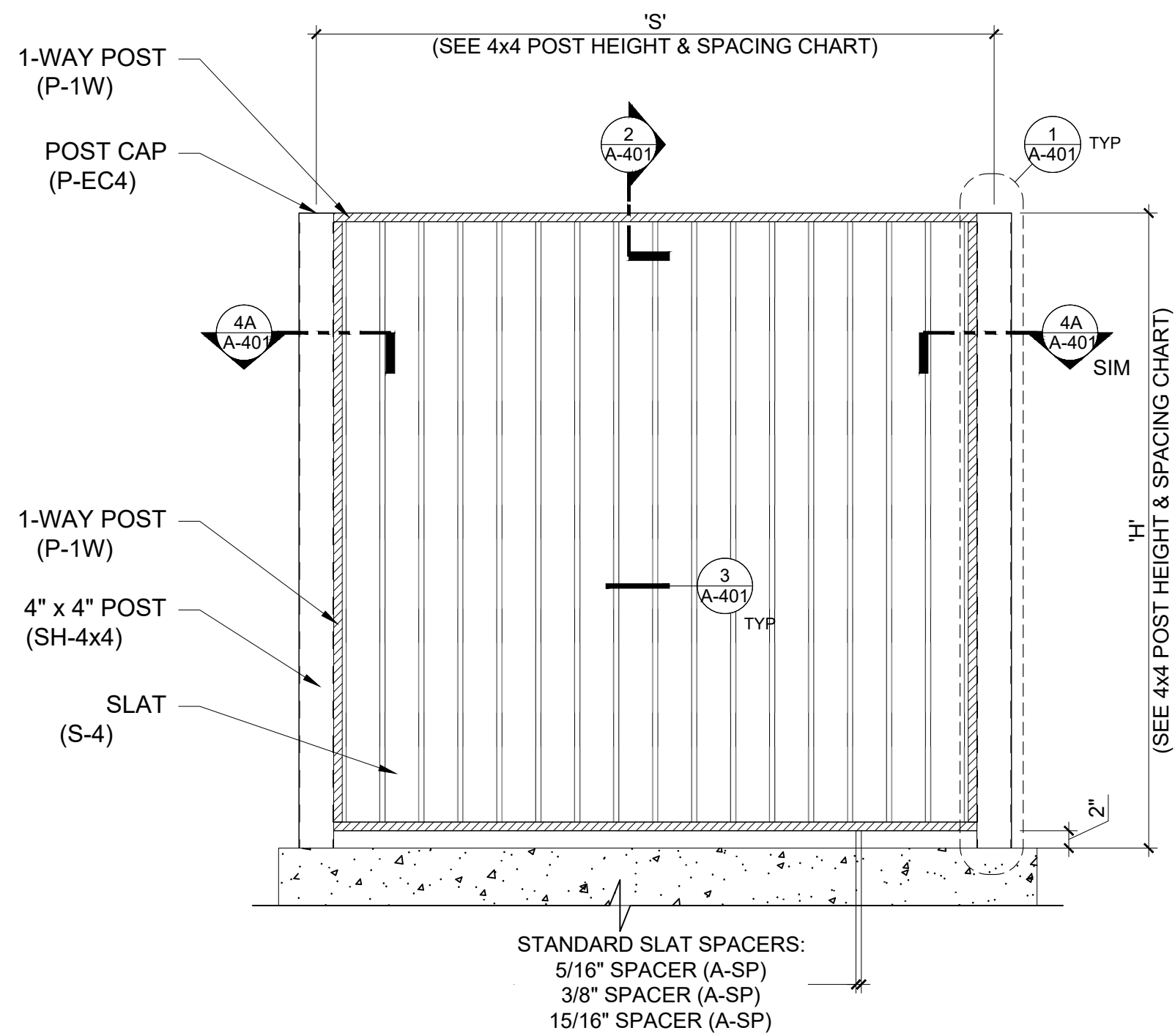
06



1 4x4 POST FENCE W/ VERTICAL SLATS - PLAN VIEW  
SCALE: 3/4\" = 1'-0"



2 4x4 POST FENCE W/ VERTICAL SLATS - ELEVATION I  
SCALE: 3/4\" = 1'-0"



3 4x4 POST FENCE W/ VERTICAL SLATS - ELEVATION II  
SCALE: 3/4\" = 1'-0"

4x4 POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
6'-0"	4'-0"	45 PSF
6'-0"	5'-0"	36 PSF
6'-0"	6'-0"	30 PSF
8'-0"	3'-0"	34 PSF
8'-0"	4'-0"	25.5 PSF
8'-0"	5'-0"	20.25 PSF
8'-0"	6'-0"	17 PSF
10'-0"	3'-0"	21.75 PSF
10'-0"	4'-0"	16.25 PSF
10'-0"	5'-0"	13 PSF
10'-0"	6'-0"	10.75 PSF

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

4x4 POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX) <sup>2</sup>	MAX WIND PRESSURE <sup>1</sup>
6'-0"	4'-0"	80 PSF
6'-0"	5'-0"	65 PSF
6'-0"	6'-0"	55 PSF
8'-0"	3'-0"	62 PSF
8'-0"	4'-0"	46 PSF
8'-0"	5'-0"	37 PSF
8'-0"	6'-0"	31 PSF
10'-0"	3'-0"	40 PSF
10'-0"	4'-0"	30 PSF
10'-0"	5'-0"	24 PSF
10'-0"	6'-0"	20 PSF

1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

GENERAL NOTES:

PREPARED BY:



2750 S. RARITAN STREET ENGLEWOOD, CO 80110

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DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

VERTICAL FENCING 4x4 POST ELEVATIONS

PROJECT NO:

000

DRAWING NO:

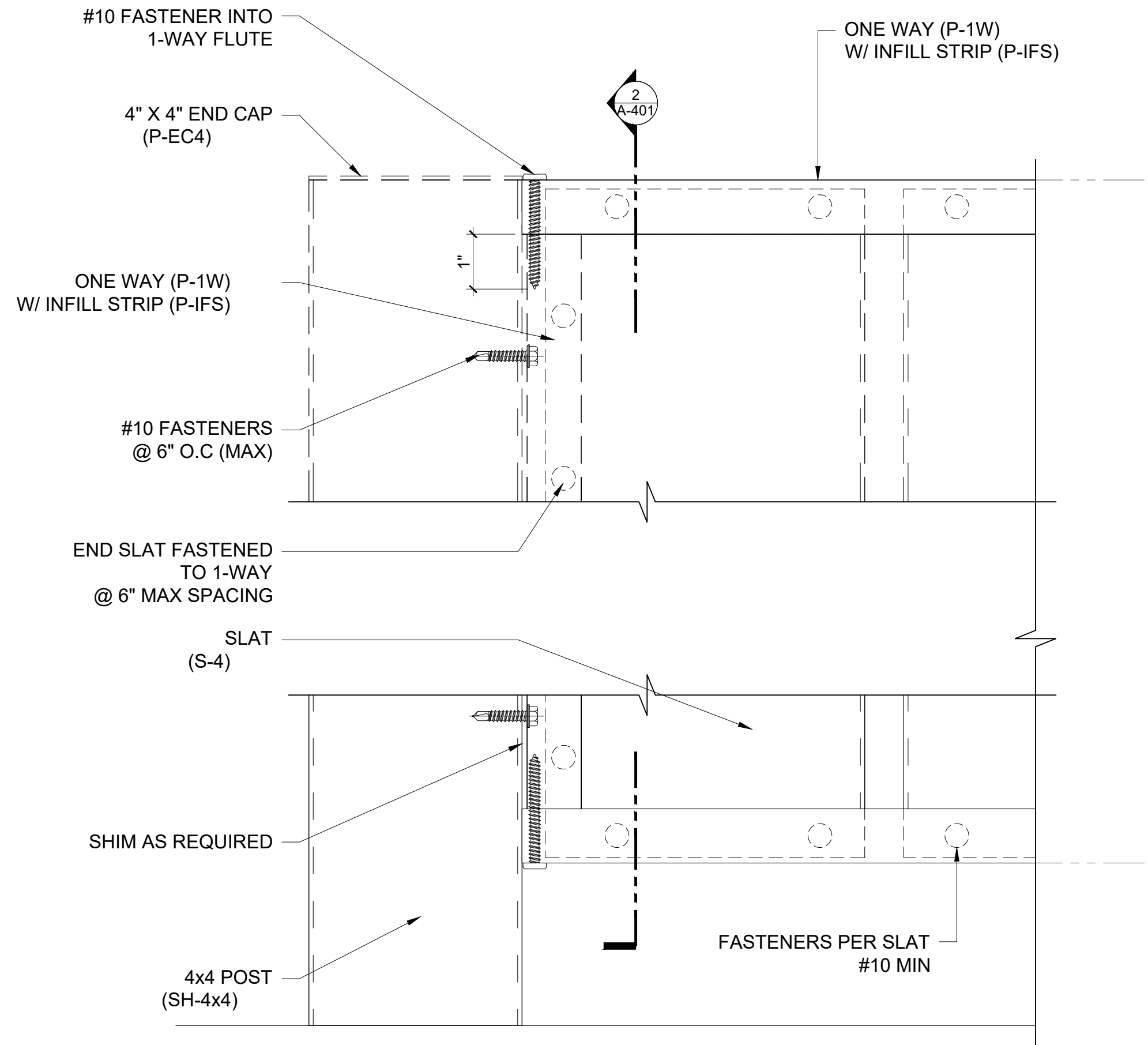
A-400

PAGE NO:

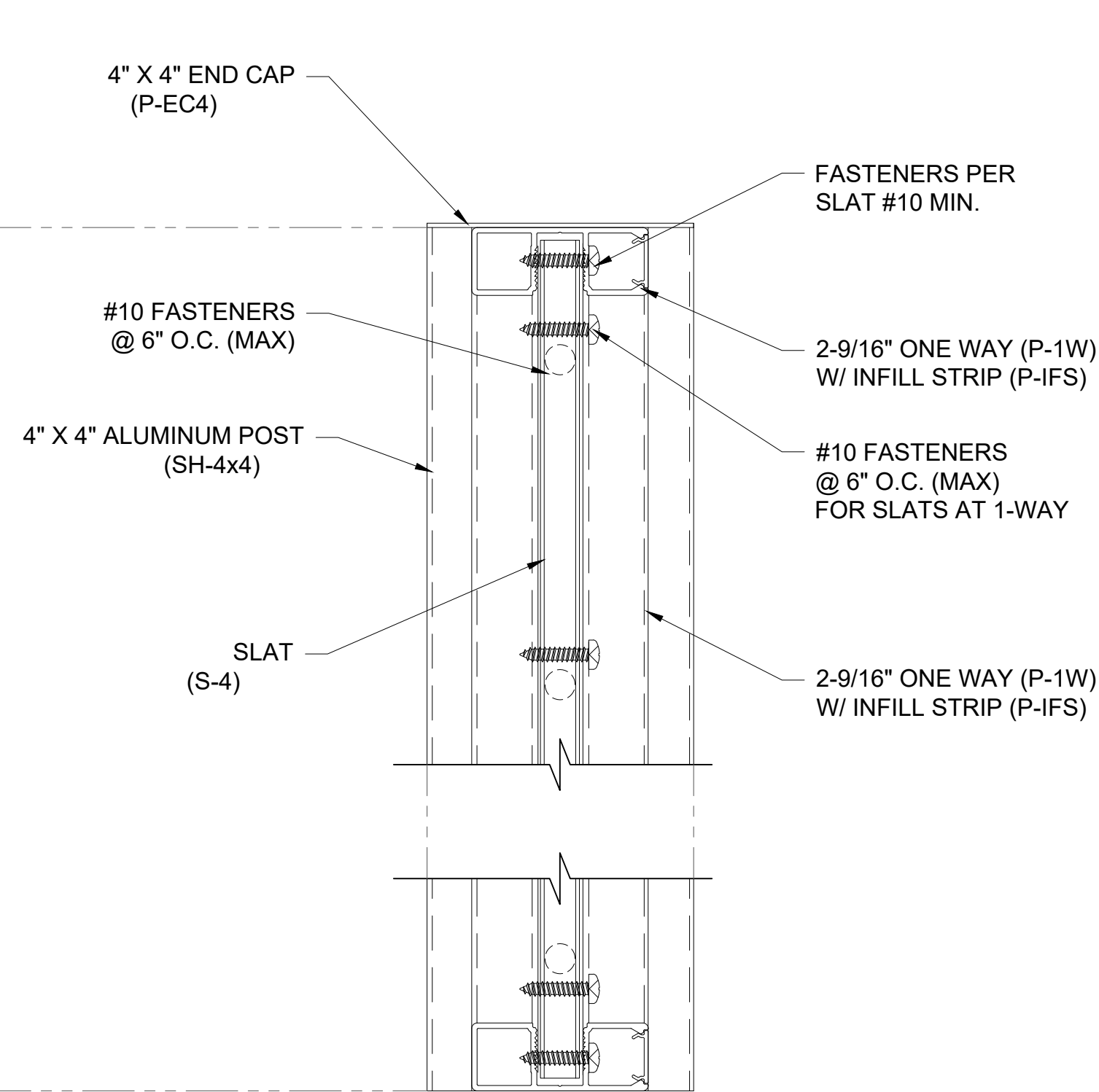
10 OF 11



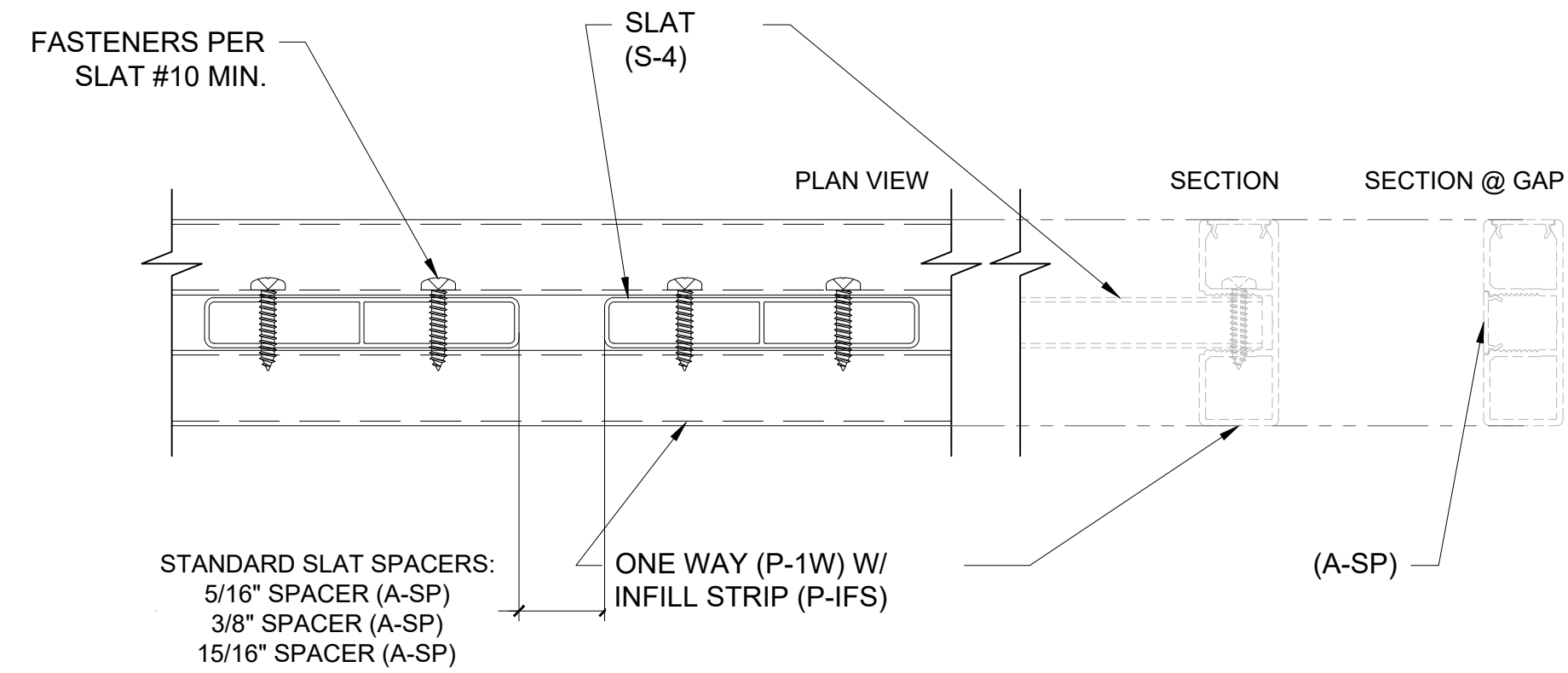
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Plot Date: Monday, April 15, 2024 2:42:09 PM Plotted By: Cristina Garcia



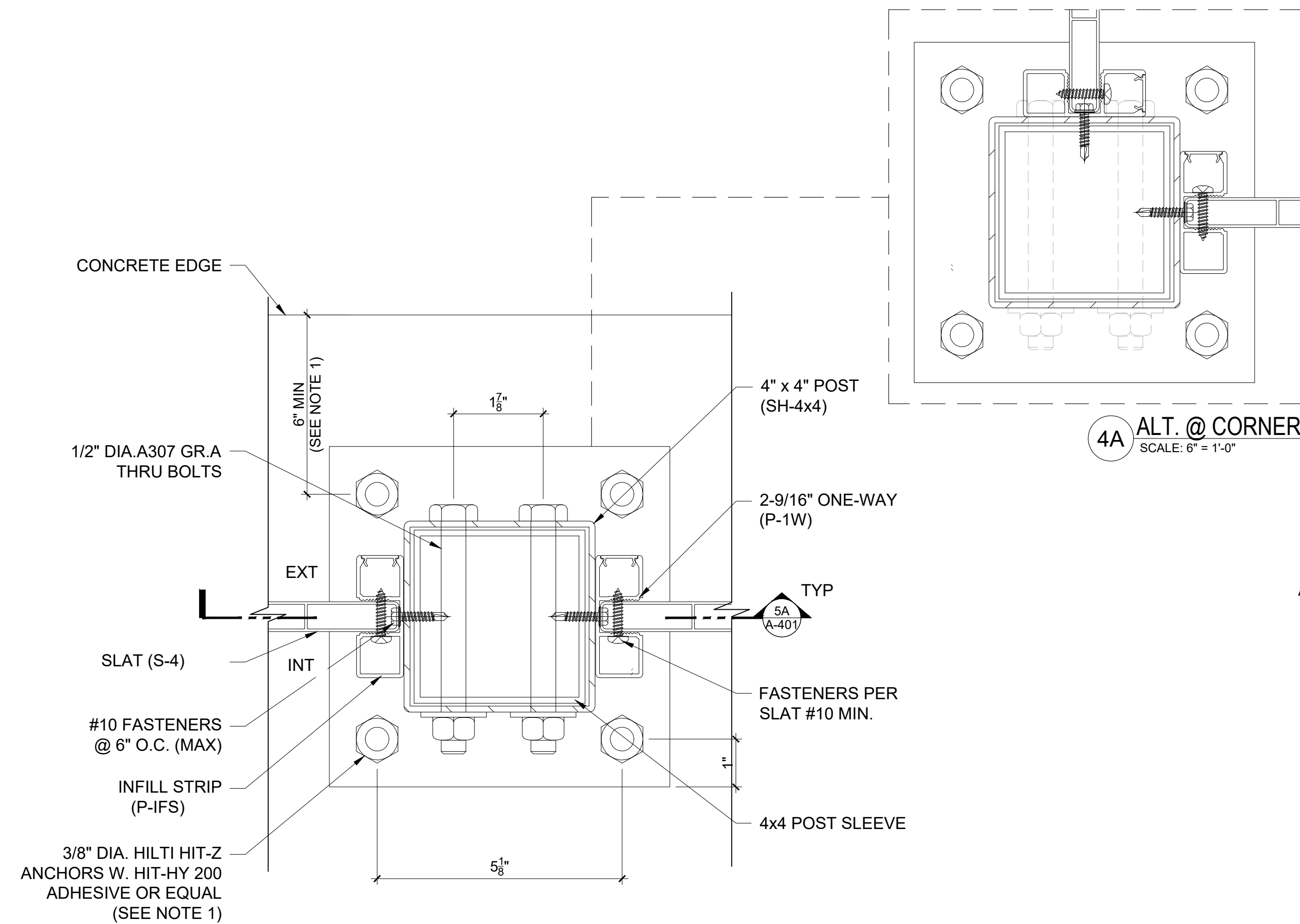
1 TYPICAL RAIL TO POST CONNECTION DETAIL ON 4x4 POST FENCE  
SCALE: 6" = 1'-0"



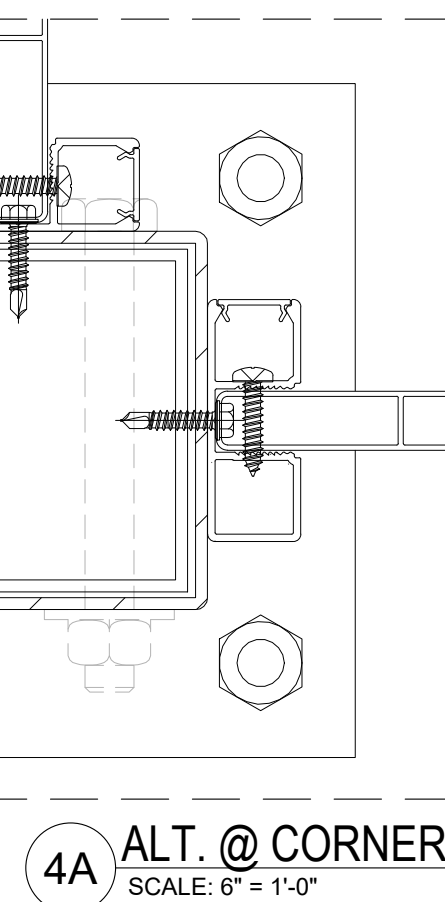
2 TYPICAL TOP SLAT CONNECTION DETAIL (BOTTOM SIMILAR)  
SCALE: 6" = 1'-0"



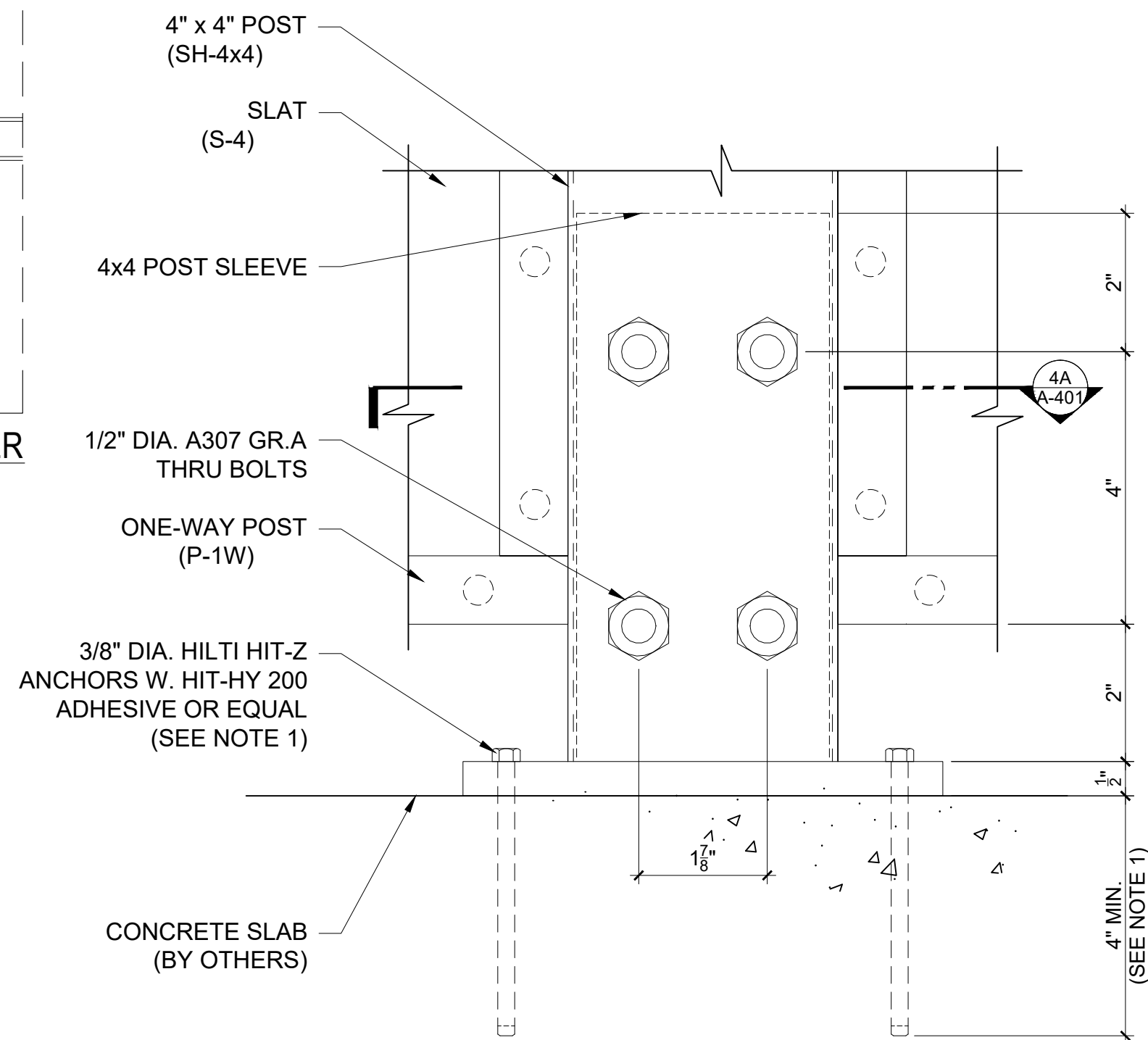
3 TYPICAL SLAT CONNECTION DETAIL  
SCALE: 6" = 1'-0"



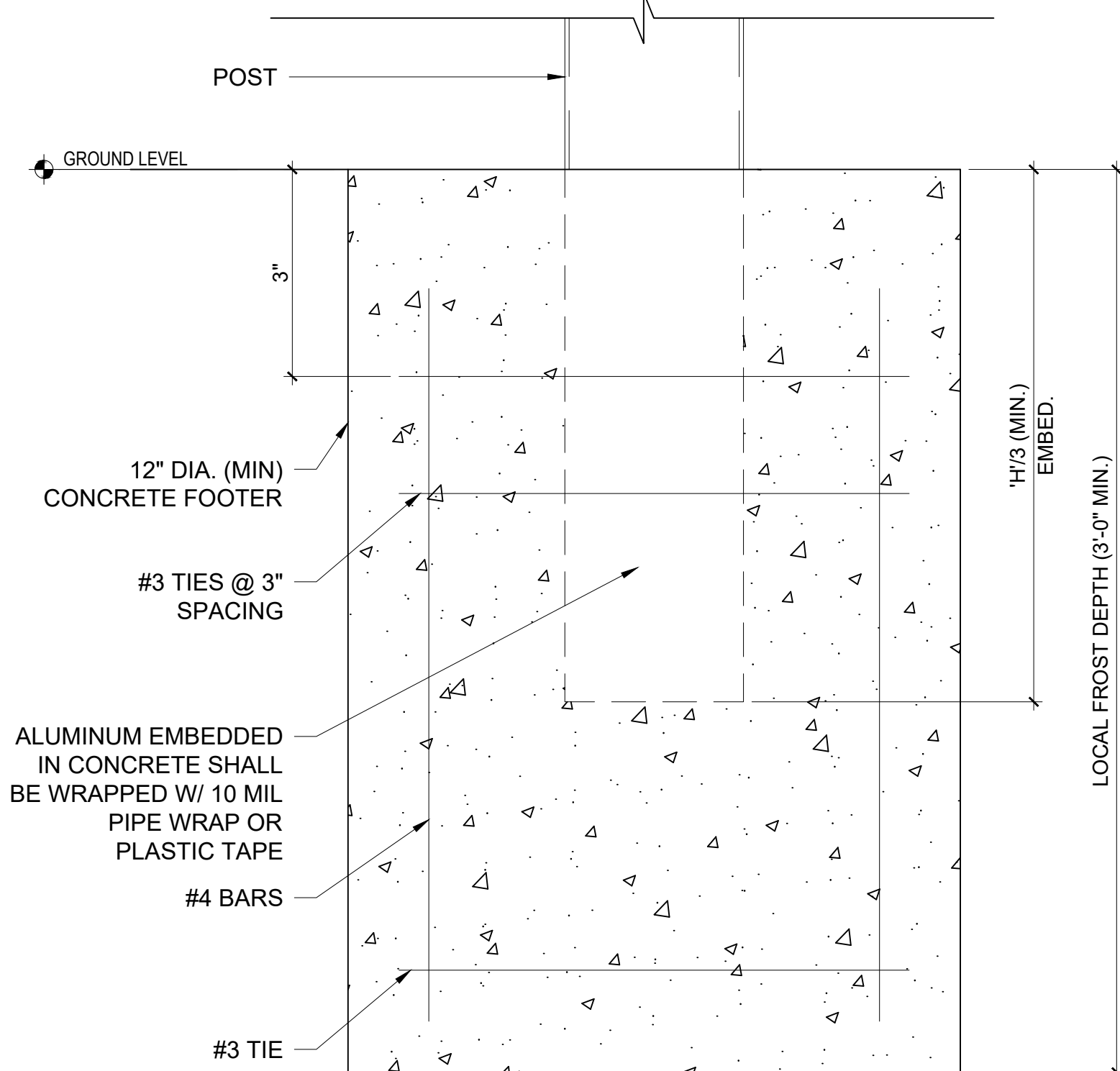
4 TYPICAL 4x4 POST CONNECTION DETAIL  
SCALE: 6" = 1'-0"



4A ALT. @ CORNER  
SCALE: 6" = 1'-0"



5A TYPICAL 4x4 POST ANCHOR DETAIL  
SCALE: 6" = 1'-0"



5B TYPICAL 4x4 POST EMBEDMENT ALTERNATE DETAIL  
SCALE: 6" = 1'-0"

GENERAL NOTES:

PREPARED BY:



2750 S. RARITAN STREET ENGLEWOOD, CO 80110

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DATE ISSUED: 00/00/2024

PLAN REVISIONS  
NO. DATE DESCRIPTION

PROJECT NAME:  
PARALLEL - SHOP DWGS

DRAWING NAME:  
PARALLEL - GENERIC FENCE SHOP DRAWINGS

PROJECT NO: 000  
DRAWING NO: A-401

PAGE NO: 12 OF 12