PARALLEL ARCHITECTURAL PRODUCTS
TYP. FENCING DETAILS

PARALLELAP.COM

PROPERTY MANAGER

DESIGN ENGINEER

ABBREVIATIONS

AFF	= AT FINISH FLOOR	FP	= FACE OF PANEL	PG	= PANEL GRID
AR	= ARCHITECTURAL REF	FR	= FACE OF RETURN	P.JT	= PANEL JOINT
B.O.	= BOTTOM OF	FSG	= FACE OF SUB GIRT	PL	= PANEL LENGTH
BP	= BOTTOM OF PANEL	GA	= GAGE	PNL	= PANEL
℄	= CENTERLINE	GD	= GRAIN DIRECTION	REF	= REFERENCE
CONT	= CONTINUOUS	GR	= GRID	REQ'D	= REQUIRED
CW	= CURTAIN WALL	HOR	= HORIZONTAL	RD	= REFERENCE DIMENSION
DIA	= DIAMETER	HP	= HIGH POINT	RO	= ROUGH OPENING
DLO	= DAYLIGHT OPENING	INSUL	= INSULATION	SG	= SUB GIRT
DO	= DOOR OPENING	LO	= LOUVER OPENING	SO	= STRETCH OUT
ELEV	= ELEVATION	LP	= LOW POINT	SUPP	= SUPPORT
EP	= EDGE OF PANEL	LS	= LOUVER SIZE	TBD	= TO BE DETERMINED
FB	= FACE OF BRICK	MAX	= MAXIMUM	T.O.	= TOP OF
FC	= FACE OF CONCRETE	MIN	= MINIMUM	TP	= TOP OF PANEL
FCW	= FACE OF CURTAIN WALL	NBPRL	= NOT BY PARALLEL	TYP	= TYPICAL
FE	= FACE OF EXTRUSION	NP	= NOT PAINTED	VERT	= VERTICAL
FF	= FACE OF FOLD	NTS	= NOT TO SCALE	VIF	= VERIFY IN FIELD
FFLASH	= FACE OF FLASHING	O.A.FR.	= OVERALL FRAME	WD	= WINDOW DIMENSION
FGB	= FACE OF GYPSUM BOARD	O.C.	= ON CENTER	WP	= WORKING POINT
FOS	= FACE OF STEEL	OD	= OPENING/OVERALL DIM		

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

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

GENERAL NOTES:

1. DRAWING REFERENCE:
   N/A
2. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO INSTALLATION. DO NOT SCALE OFF DRAWINGS.
3. ALL MEMBERS SHALL BE SAW CUT IN FIELD AS REQUIRED.
4. NO SPLICES SHALL BE PERMITTED UNLESS INDICATED OTHERWISE ON DRAWINGS.
5. TOUCH UP ALL SCRATCHES WITH DEALER PROVIDED COLORS TO MATCH.
6. WELDING IS NOT PERMITTED, UNLESS OTHERWISE INDICATED ON DRAWINGS.
7. THE CONTENTS SHOW THE APPLICATION OF ALUMINUM FRAMING COMPONENTS ONLY. THE INSTALLING CONTRACTOR IS TO REFER TO THE PROJECT DOCUMENTS FOR ADDITIONAL REQUIREMENTS.
8. DIMENSIONS HEREIN ARE FOR ENGINEERING PURPOSES ONLY AND MUST BE REVIEWED FOR THE PURPOSE OF APPROVAL. ALL CONDITIONS ARE SUBJECT TO APPROVAL AND TO FIELD VERIFICATION PRIOR TO FABRICATION OR INSTALLATION.
9. BEFORE ORDERING, FABRICATING OR ERECTING ANY MATERIAL, MAKE ANY NECESSARY SURVEYS AND MEASUREMENTS TO VERIFY THAT IN PLACE WORK HAS BEEN BUILT ACCORDING TO THE CONTRACT DOCUMENTS AND ARE WITHIN ACCEPTABLE TOLERANCES. THIS INCLUDES THE ORIGINAL BUILDINGS AND ALL ADDITIONS THERETO. NOTIFY THE A/E AND OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
10. TEMPORARY BRACING OF THE SYSTEM AND SAFETY DURING CONSTRUCTION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. TEMPORARY BRACING OF THE SYSTEM SHALL REMAIN IN PLACE UNTIL THE SYSTEM IS TOTALLY IN PLACE. CONTRACTOR SHALL COORDINATE LOCATIONS OF TEMPORARY BRACING WITH OTHER CONTRACTORS. REFER TO DRAWINGS FOR ADDITIONAL CRITERIA.
11. THIS SUBMITTAL IS SUBJECT TO THE REVIEW AND APPROVAL OF THE PROJECT ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.

BUILDING LOADS:

1. SUPERIMPOSED DEAD LOAD AND LIVE LOADS
   a. DEAD LOAD

1. P-SH4x4	2.77 PLF
2. P-2W	1.72 PLF
3. P-C	1.37 PLF
4. P-1W	0.96 PLF
5. S-6	0.90 PLF
6. S-4	0.60 PLF

   a. LIVE LOADS
      1. N/A - NO LIVE LOADS CONSIDERED FOR TYP. FENCING
2. SNOW LOADS
   a. N/A - SNOW LOADS NEGLECTED
3. WIND
   a. WIND PRESSURES CONSIDERED - SEE A-100, A-200, A-300 & A-400
4. SEISMIC
   a. N/A - SEISMIC LOADS NEGLECTED

CODES AND STANDARDS:

1. THE FOLLOWING CODES AND STANDARS, INCLUDING ALL SPECIFICATIONS REFFERENCED WITHIN, APPLY TO THE DESIGN AND CONSTRUCTION OF THIS PROJECT WITH LATEST EDITION PER GOVERNING BUILDING CODE TO BE USED:
   a. ASCE 7-16, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"
   b. IBC 2018, "INTERNATIONAL BUILDING CODE"
   c. AA ADM-2015 "ALUMINUM DESIGN MANUAL"
   d. ACI 318-14. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"

e. 7TH EDITION - 2020 FLORIDA BUILDING CODE

ALUMINUM NOTES:

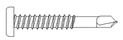
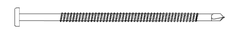
1. ALL STRUCTURAL ALUMINUM COMPONENTS SHALL BE FABRICATED AND ERECTED ACCORDING TO THE GOVERNING BUILDING CODE AND ADM-2015.
2. **MATERIAL NOTES:**
   ALL SHAPES SHALL BE ONE OF THE FOLLOWING ALUMINUM ALLOYS AND TEMPERS:

6061-T6	6063-T6	6063-T5
Fy: 35 KSI	Fy: 25 KSI	Fy: 16 KSI
Fu: 38 KSI	Fu: 30 KSI	Fu: 22 KSI
E: 10x10³ KSI	E: 10x10³ KSI	E: 10x10³ KSI

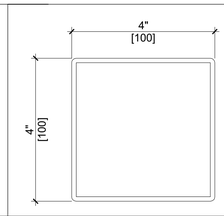
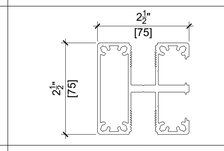
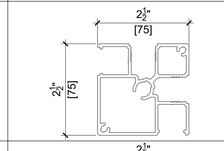
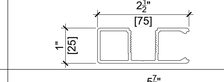
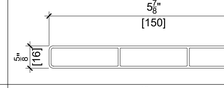
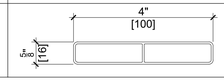
3. **SCREWS:**
   SELF-TAPPING METAL SCREWS (AS NOTED) - #10 MINIMUM
   GALVANIZED UNLESS NOTED OTHERWISE
   ALUMINUM COATED WHERE NOTED AT HIGH/SALT EXPOSURE
4. WHERE ALUMINUM IS IN CONTACT WITH OTHER METALS EXCEPT 300 SERIES STAINLESS TELL, ZINC OR CADMIUM AND THE FAYING SURFACES ARE EXPOSED TO MOISTURE, THE OTHER METALS SHALL BE PAINTED OR COATED WITH ZINC, CADMIUM, OR ALUMINUM.
5. UNCOATED ALUMINUM SHALL NOT BE EXPOSED TO MOISTURE OR RUNOFF THAT HAS COME IN CONTACT WITH OTHER UNCOATED METALS EXCEPT 300 SERIES STAINLESS, ZINC, OR CADMIUM.
6. ALUMINUM SURFACES TO BE PLACED IN CONTACT WITH WOOD, FIBERBOARD, OR OTHER POROUS MATERIAL THAT ABSORBS WATER SHALL BE PAINTED.
7. ALUMINUM SURFACES SHALL BE PAINTED IF THEY ARE TO BE PLACED IN CONTACT WITH CONCRETE OR MASONRY UNLESS THE CONCRETE OR MASONRY REMAINS DRY AFTER CURING AND NO CORROSIVE ADDITIVES SUCH AS CHLORIDES ARE USED.
8. ALUMINUM SHALL NOT BE EMBEDDED IN CONCRETE WITH CORROSIVE ADDITIVES SUCH AS CHLORIDES IF THE ALUMINUM IS ELECTRICALLY CONNECTED TO STEEL. ALUMINUM EMBEDDED IN CONCRETE SHALL BE WRAPPED WITH 10 MIL PIPE WRAP OR PLASTIC TAPE. WRAP MUST PROTECT ALL ALUMINUM SURFACES FROM EXPOSURE TO CONCRETE.
9. AS AN ALTERNATIVE TO THE PREVIOUS REQUIREMENTS FOR ALUMINUM IN CONTACT WITH OTHER MATERIALS, ALUMINUM SHALL BE SEPARATED FROM THE MATERIALS OF THIS SECTION BY A NONPOROUS ISOLATOR COMPATIBLE WITH THE ALUMINUM AND THE DISSIMILAR MATERIAL.
10. STEEL FASTENERS WITH A MINIMUM TENSILE ULTIMATE STRENGTH GREATER THAN 120 KSI IN THE LOAD BEARING PORTION OF THE SHANK SHALL NOT BE USED IN CONTACT WITH ALUMINUM. ALL FASTENERS SHALL BE LOCATED AT A SPACING THAT CONFORMS TO AISC STANDARD GAGE AND PITCH.
11. BOLT HOLES SHALL BE DRILLED THE SAME NOMINAL DIAMETER AS THE BOLT + 1/16" (U.O.N.).
12. PREDRILL ALL HOLES FOR MATERIAL THICKER THAN 3/16".
13. NOMINAL DIAMETER OF UNTHREADED HOLES FOR SCREWS SHALL NOT EXCEED THE NOMINAL DIAMETER OF THE SCREWS BY MORE THAN 1/16".
14. THE SPACING BETWEEN SCREW CENTERS SHALL NOT BE LESS THAN 2.5 TIMES THE NOMINAL DIAMETER OF THE SCREWS.
15. THE DISTANCE FROM THE EDGE OF A PART TO THE CENTER OF THE SCREWS SHALL NOT BE LESS THAN 1.5 TIMES THE NOMINAL DIAMETER OF THE SCREW.
16. WASHERS SHALL HAVE A NOMINAL DIAMETER NOT LESS THAN 5/16" AND SHALL HAVE A NOMINAL THICKNESS NOT LESS THAN 0.050".

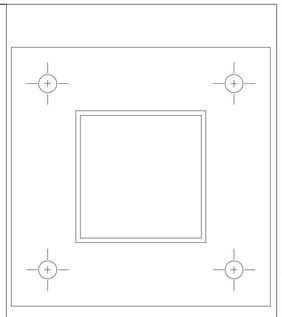
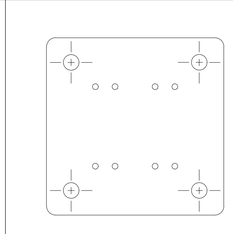
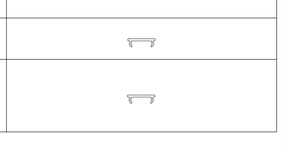
TYPICAL SCREW FASTENER LEGEND:

NOTE: SCREWS SHOWN BELOW ARE TYPICAL EXAMPLES AND ALL MAY NOT BE USED IN PROJECT. CONTRACTOR MAY ELECT TO USE OTHER TYPES. SCREW MATERIAL PER THE GENERAL NOTES AND MINIMUM SCREW DIAMETER PER THE DETAILS MUST BE MAINTAINED. DRILL POINT, HEAD STYLE, AND THREAD COUNT PER INCH SHALL BE SELECTED BY THE CONTRACTOR BASED ON THE APPLICATION.

#10-16X1" HEX WASHER HEAD (HWH) SELF DRILLING SCREW (5/16" HEX-HEAD) (METAL TO METAL) MANUF. PART NO. 10100HW3CS	 TRIANGLE FASTENER 1-800-486-1832
#12-24X1-1/2" SD5 PANCAKE HEAD SELF DRILLING SCREW (2/2 QUADREX DRIVE) (METAL TO METAL) MANUF. PART NO. CSSD5-#12X1-1/2"-PC-QX-F	 SFS INTECT 1-800-234-4533
#12-11X1" GP SELF DRILLING SCREW (2/2 QUADREX DRIVE) (THIN METAL) MANUF. PART NO. 12100SPCGCSTS	 TRIANGLE FASTENER 1-800-486-1832
#10-16X5/8" BLAZER LO PROFILE PANCAKE HEAD SELF DRILLING SCREW (2/2 QUADREX DRIVE) (METAL TO METAL) MANUF. PART NO. CSSD5-#10X5/8"-PC-QX-F	 TRIANGLE FASTENER 1-800-486-1832
#10-13X2" GP SELF DRILLING SCREW (2/2 QUADREX DRIVE) (THIN METAL) MANUF. PART NO. 10200SPCGCSTS	 TRIANGLE FASTENER 1-800-486-1832
#12-24X4-3/4" CONCEALOR SELF DRILLING SCREW (#3 SQUARE) (METAL THRU EPS TO METAL) MANUF. PART NO. 126750C35E	 TRIANGLE FASTENER 1-800-486-1832

ENLARGED PART DETAILS (UNITS IN BRACKETS ARE MM):

P-SH4x4	
P-2W	
P-C	
P-1W	
S-6	
S-4	

BP4_8	
BPS2.5	
P-IFS	
A-SP	

GENERAL NOTES:

PREPARED BY:

PARALLEL
ARCHITECTURAL PRODUCTS
2750 S. RARITAN STREET ENGLEWOOD, CO 80110

DATE ISSUED: 00/00/2024

PLAN REVISIONS

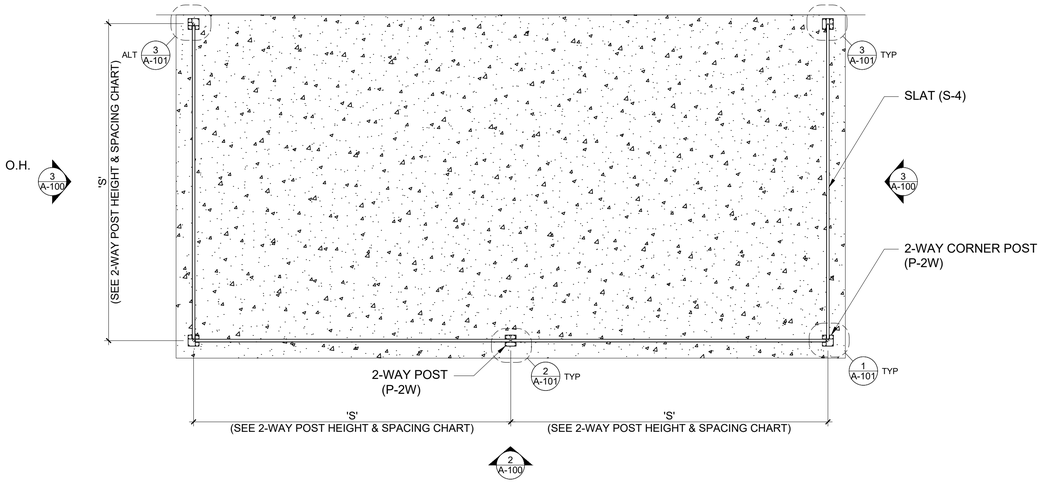
NO.	DATE	DESCRIPTION

PROJECT NAME:
PARALLEL - SHOP DWGS

DRAWING NAME:
GENERAL NOTES

PROJECT NO:	DRAWING NO:
000	G-100

PAGE NO: 2 OF 11



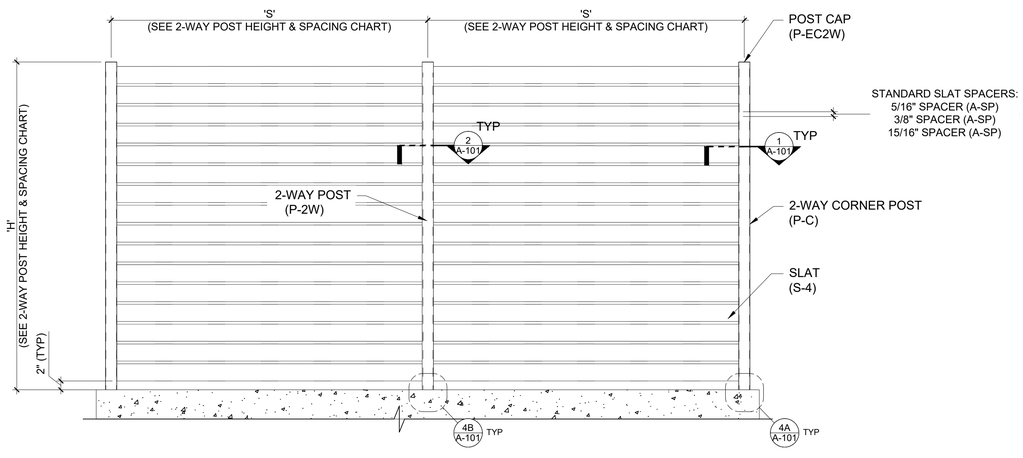
1 2-WAY POST FENCE - PLAN VIEW
SCALE: 3/4" = 1'-0"

2-WAY POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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

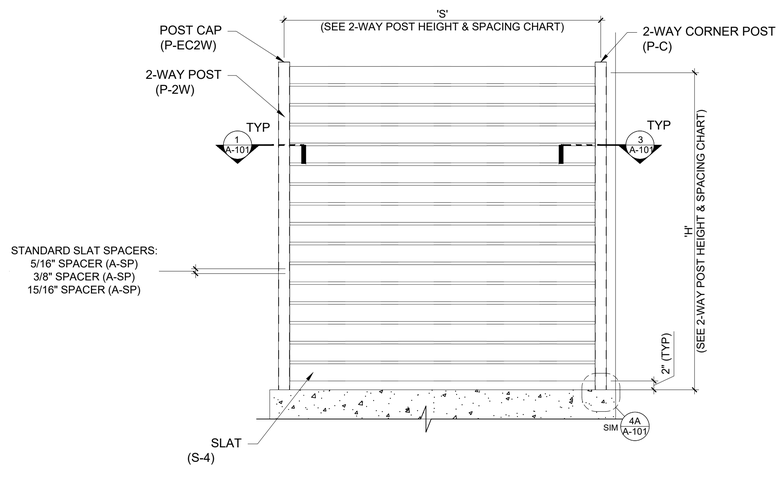
1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

2-WAY POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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:

PARALLEL
ARCHITECTURAL PRODUCTS

2750 S. RARITAN STREET ENGLEWOOD, CO 80110

DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NAME:

PARALLEL - SHOP DWGS

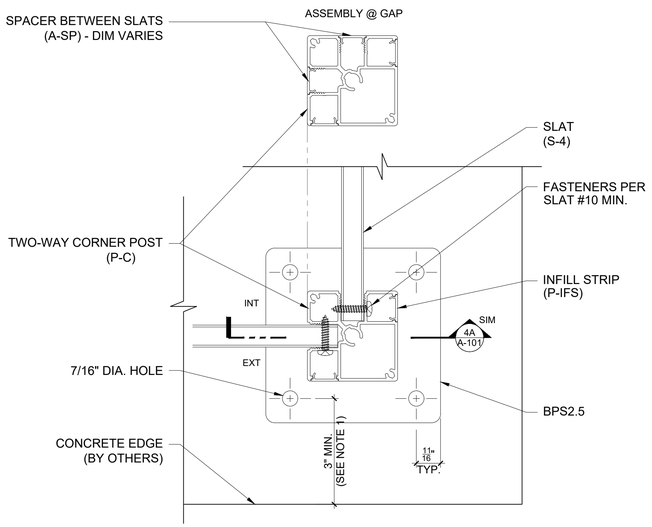
DRAWING NAME:

HORIZONTAL FENCING 2- WAY POST ELEVATIONS

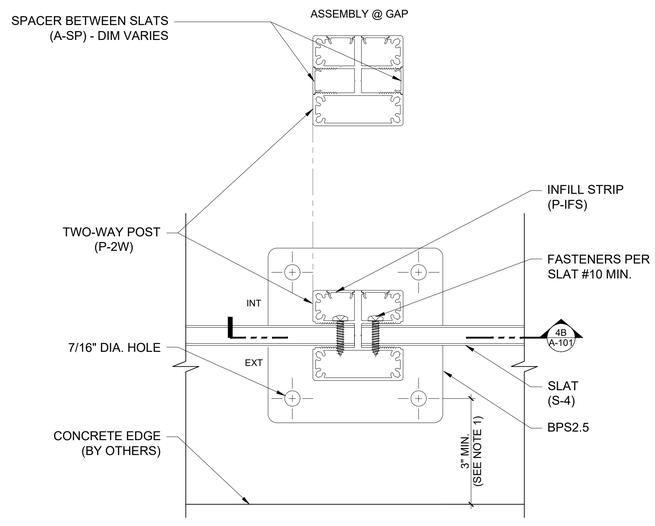
PROJECT NO: 000

DRAWING NO: A-100

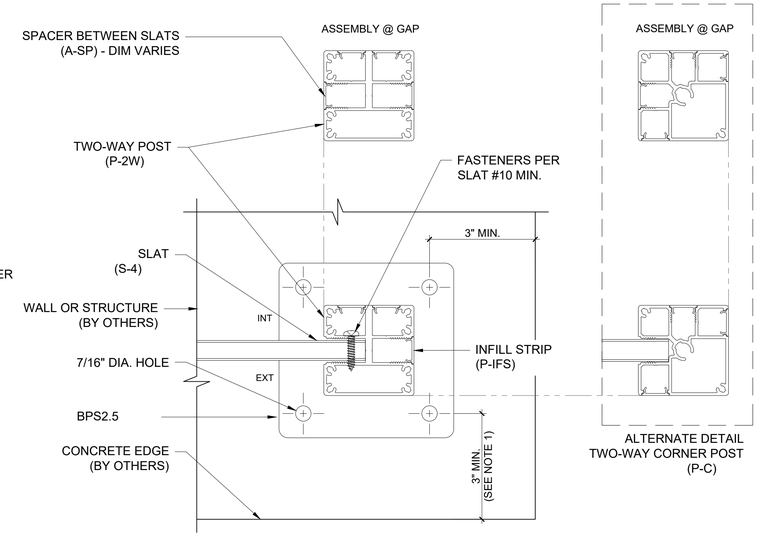
PAGE NO: 3 OF 11



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



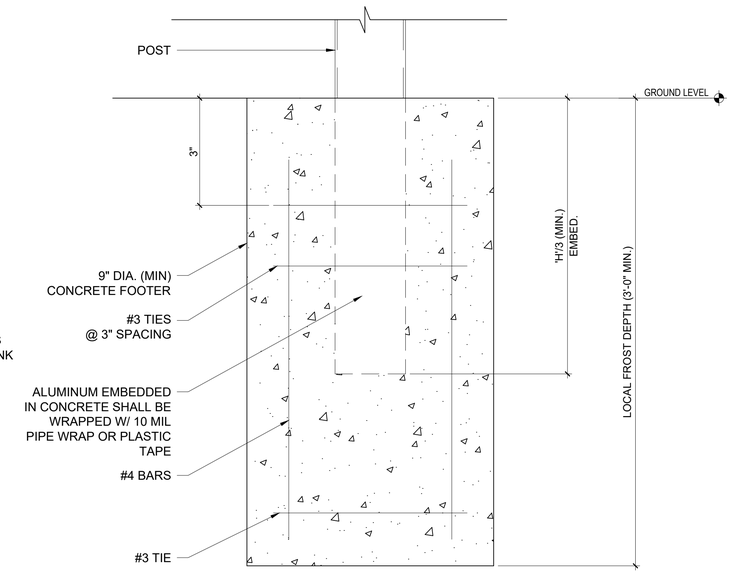
2 TYPICAL 2-WAY POST CONNECTION DETAIL
SCALE: 6" = 1'-0"



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:

PREPARED BY:

PARALLEL
ARCHITECTURAL PRODUCTS
2750 S. RARITAN STREET ENGLEWOOD, CO 80110

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PLAN REVISIONS

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PROJECT NAME:
PARALLEL - SHOP DWGS

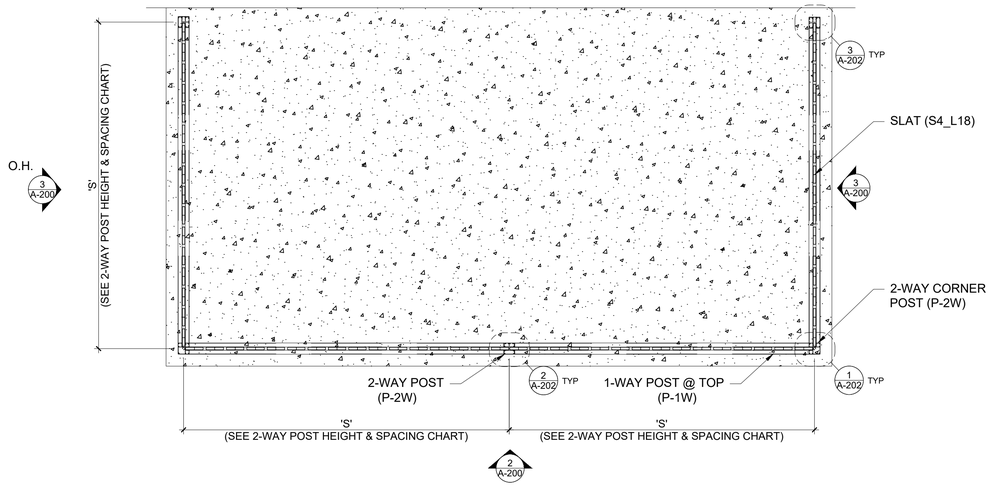
DRAWING NAME:
HORIZONTAL FENCING 2-WAY POST DETAILS

PROJECT NO: 000

DRAWING NO: A-101

PAGE NO: 4 OF 11

File Name: J:\Parallel\2024 Parallel Standards\FENCE GENERIC CGH.dwg
Plot Date: Monday, April 15, 2024 2:41:33 PM Plotted By: Cristina Garcia



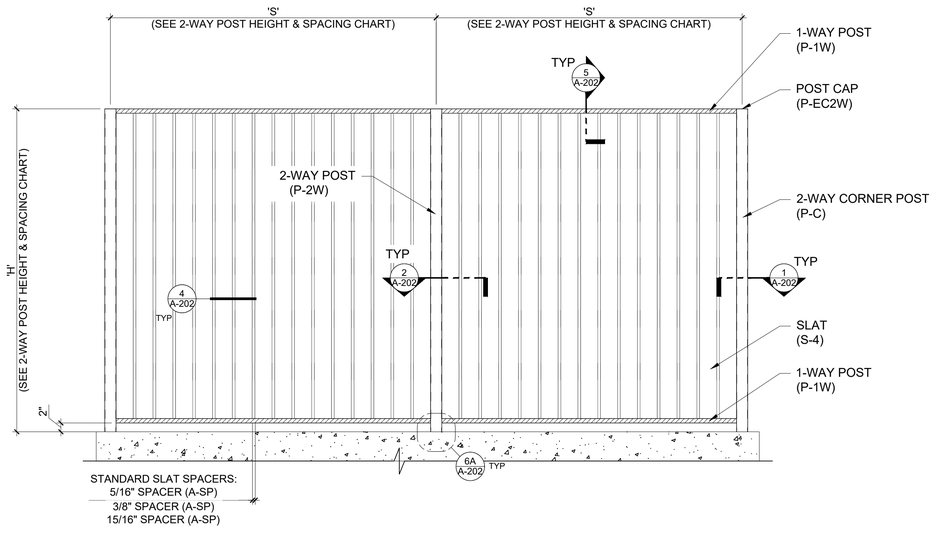
1 2-WAY POST FENCE W/ VERTICAL SLATS - PLAN VIEW
SCALE: 3/4" = 1'-0"

2-WAY POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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

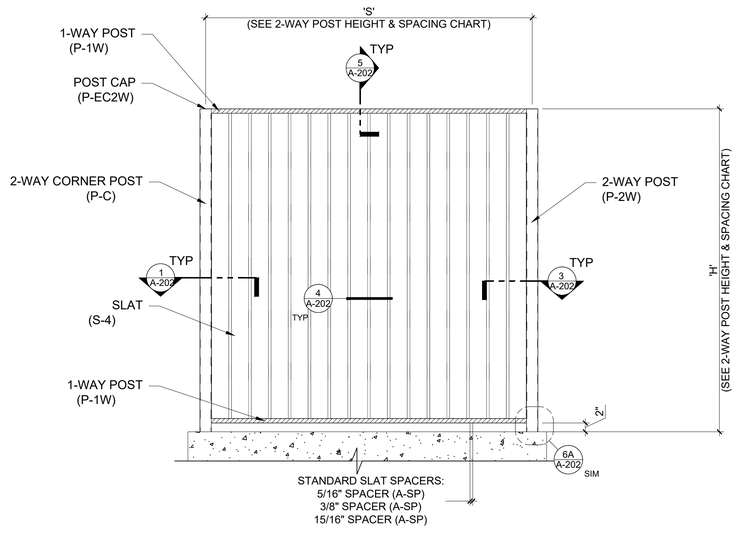
1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

2-WAY POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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 W/ VERTICAL SLATS - ELEVATION I
SCALE: 3/4" = 1'-0"



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

GENERAL NOTES:

PREPARED BY:

PARALLEL
ARCHITECTURAL PRODUCTS
2750 S. RARITAN STREET ENGLEWOOD, CO 80110

DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION

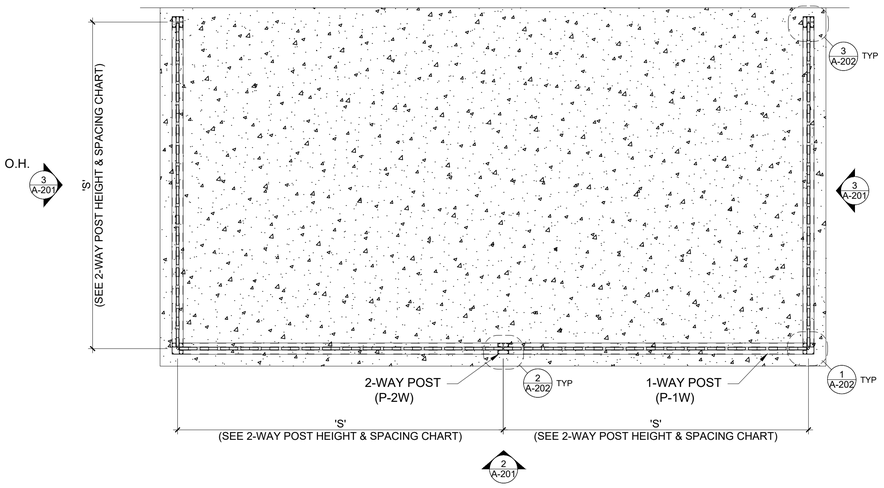
PROJECT NAME:
PARALLEL - SHOP DWGS

DRAWING NAME:
VERTICAL FENCING 2-WAY POST ELEVATIONS

PROJECT NO: 000

DRAWING NO: A-200

PAGE NO: 5 OF 11



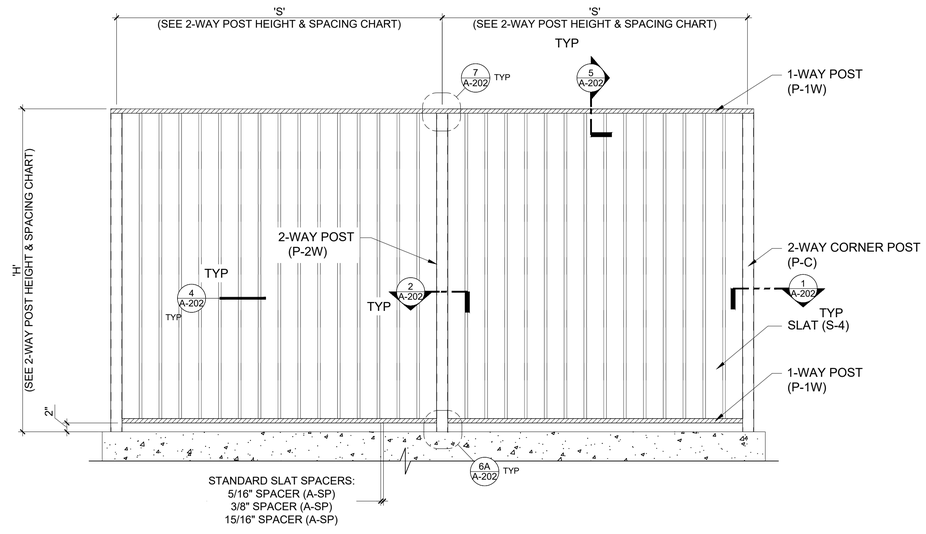
1 2-WAY POST FENCE W/ VERTICAL SLATS - PLAN VIEW
SCALE: 3/4" = 1'-0"

2-WAY POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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

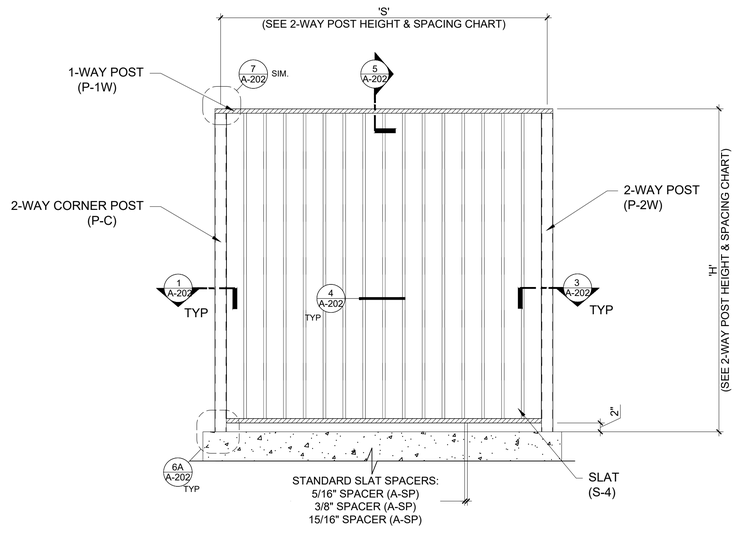
1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

2-WAY POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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 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"

GENERAL NOTES:

PREPARED BY:

PARALLEL
ARCHITECTURAL PRODUCTS
2750 S. RARITAN STREET ENGLEWOOD, CO 80110

DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

VERTICAL FENCING 2-WAY POST & CONT.RAIL ELEVATIONS

PROJECT NO: 000

DRAWING NO: A-201

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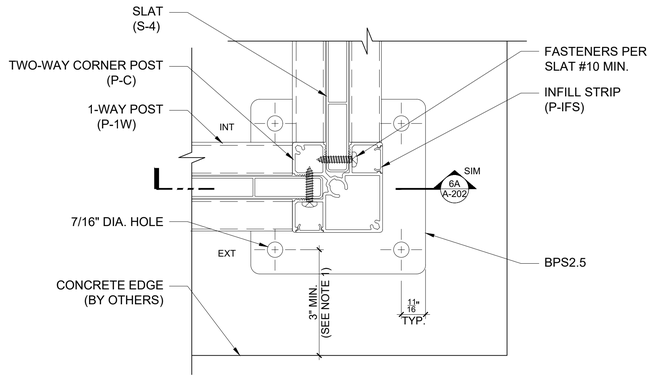
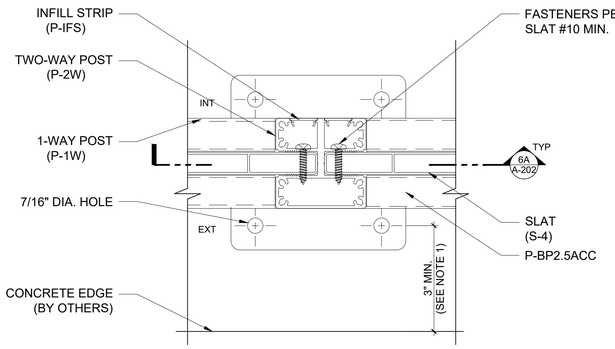
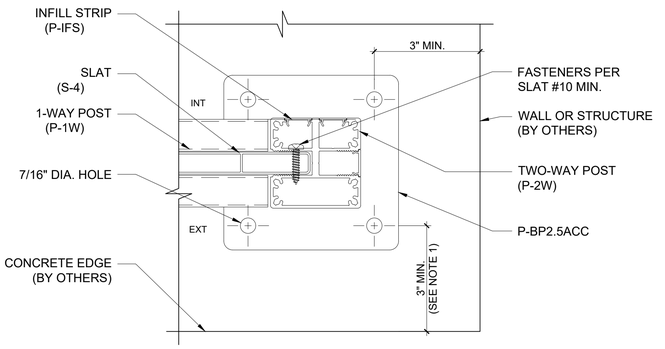


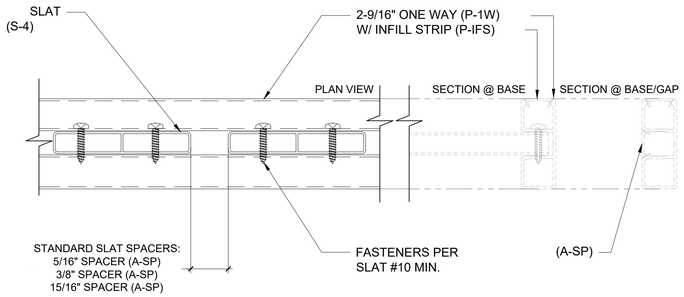
1 TYPICAL 2-WAY CORNER POST CONNECTION DETAIL (VERTICAL SLATS)
SCALE: 6" = 1'-0"

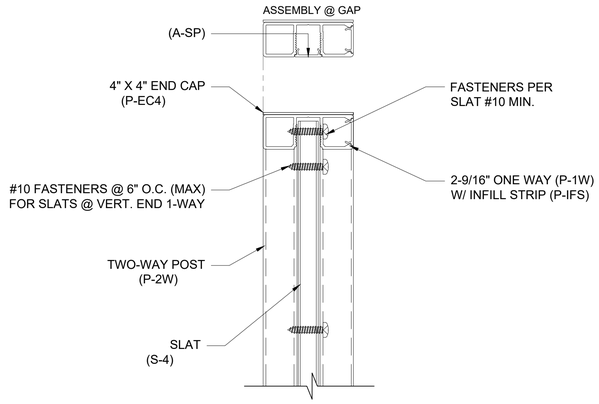


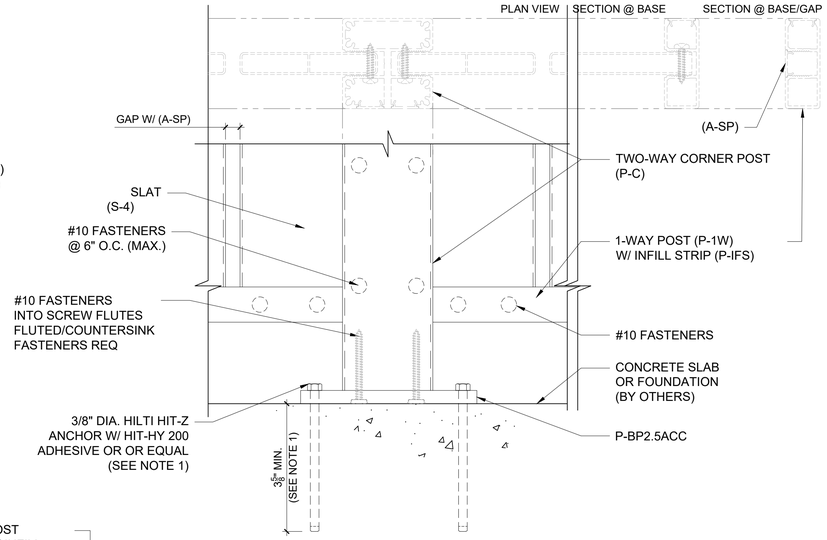
2 TYPICAL 2-WAY POST CONNECTION DETAIL (VERTICAL SLATS)
SCALE: 6" = 1'-0"



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

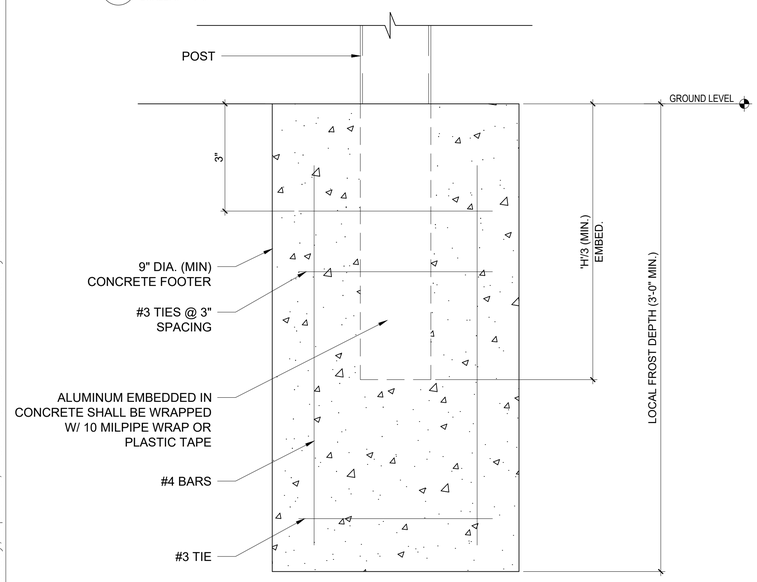






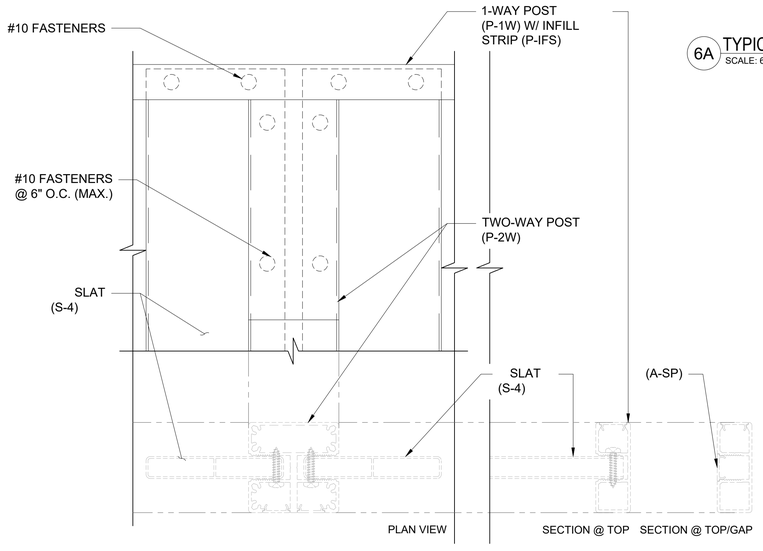
6A TYPICAL 2-WAY POST END CONNECTION DETAIL (VERTICAL SLATS)
SCALE: 6" = 1'-0"

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



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

5 TYPICAL TOP SLAT CONNECTION DETAIL (BOTTOM SIMILAR)
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:

PARALLEL
ARCHITECTURAL PRODUCTS
2750 S. RARITAN STREET ENGLEWOOD, CO 80110

DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NAME:
PARALLEL - SHOP DWGS

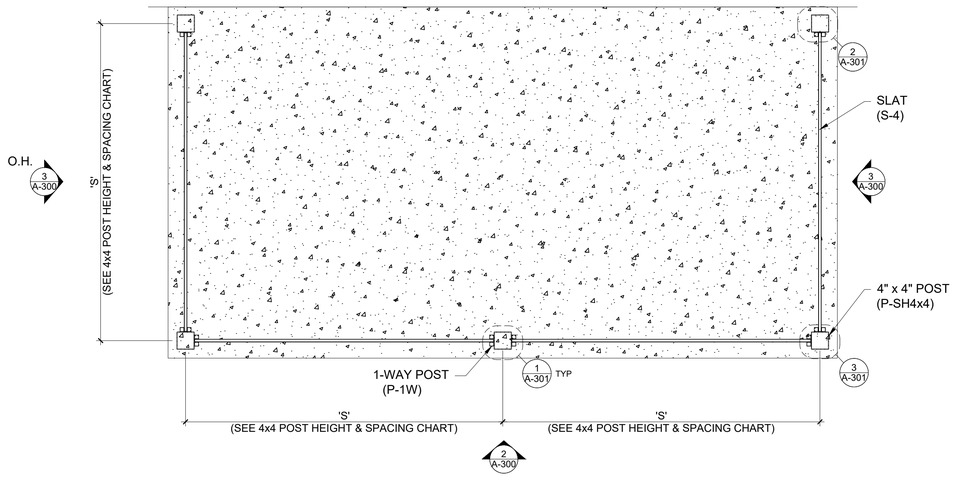
DRAWING NAME:
VERTICAL FENCING 2-WAY POST DETAILS

PROJECT NO: 000

DRAWING NO: A-202

PAGE NO: 7 OF 11

File Name: J:\Parallel\2024 Parallel Standards\FENCE GENERIC CCH.dwg
Plot Date: Monday, April 15, 2024 2:41:49 PM Plotted By: Cristina Garcia



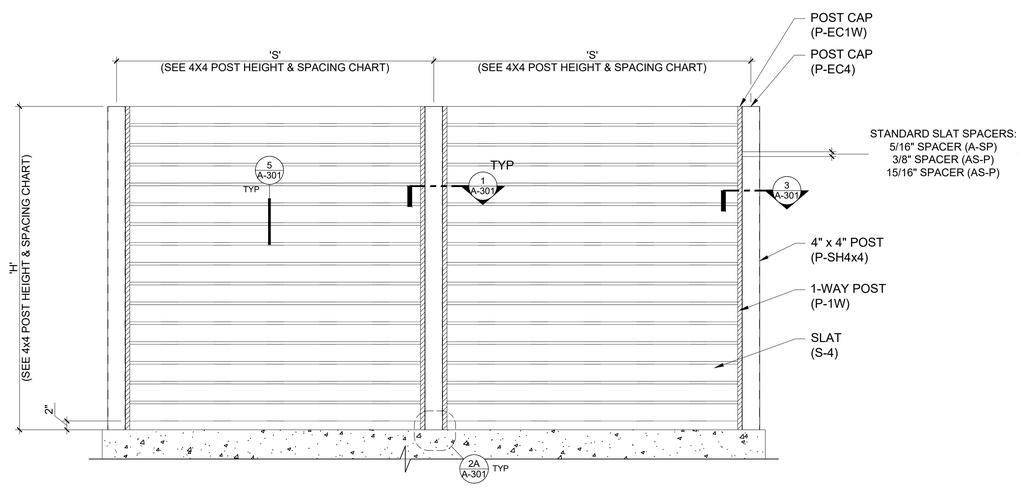
1 4x4 POST FENCE - PLAN VIEW
SCALE: 3/4" = 1'-0"

4x4 POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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

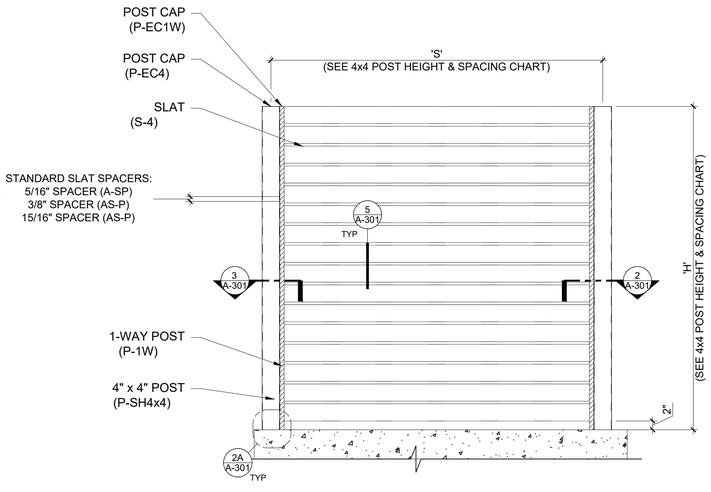
1. MAXIMUM ULTIMATE WIND PRESSURE FOR FENCING AS DEFINED BY ASCE 7.
2. MAX POST SPACING BASED ON SOLID FENCING.

4x4 POST HEIGHT & SPACING CHART - WITH EMBEDDED POST		
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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.



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



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

GENERAL NOTES:

PREPARED BY:

PARALLEL
ARCHITECTURAL PRODUCTS

2750 S. RARITAN STREET ENGLEWOOD, CO 80110

DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

HORIZONTAL FENCING 4x4 POST ELEVATION

PROJECT NO: 000

DRAWING NO: A-300

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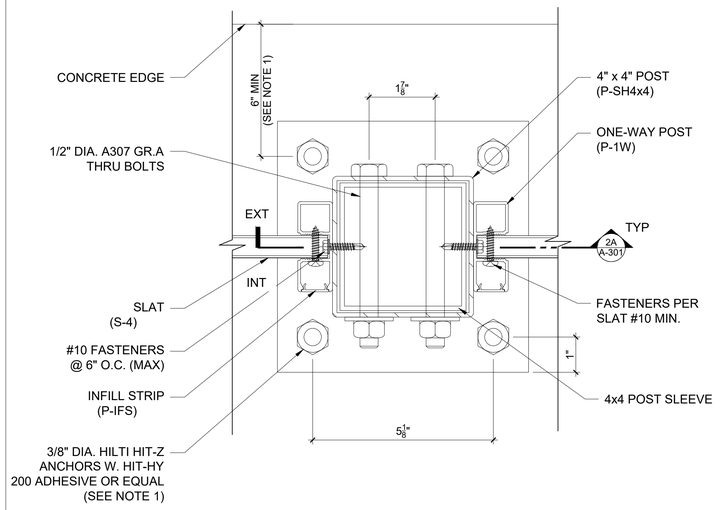
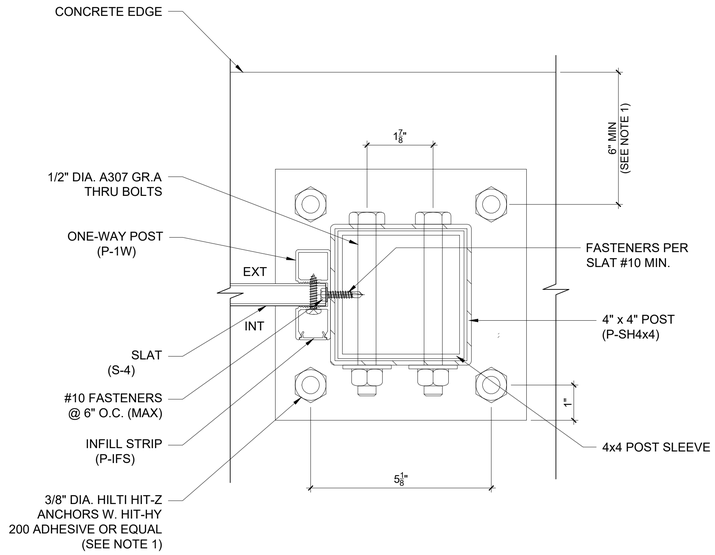
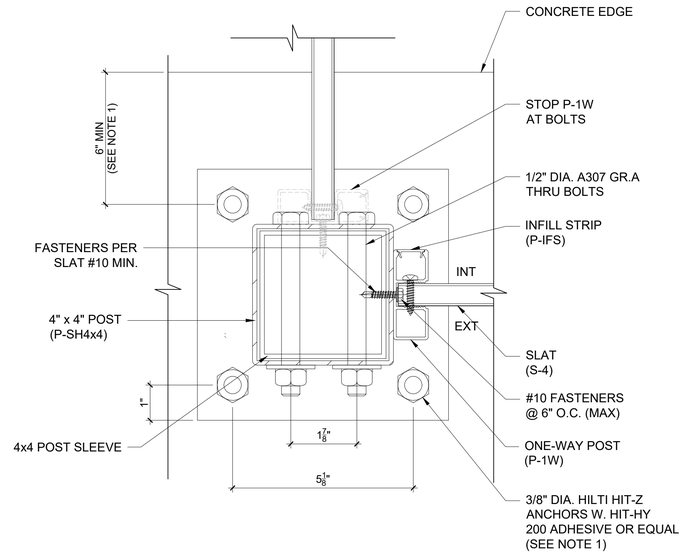


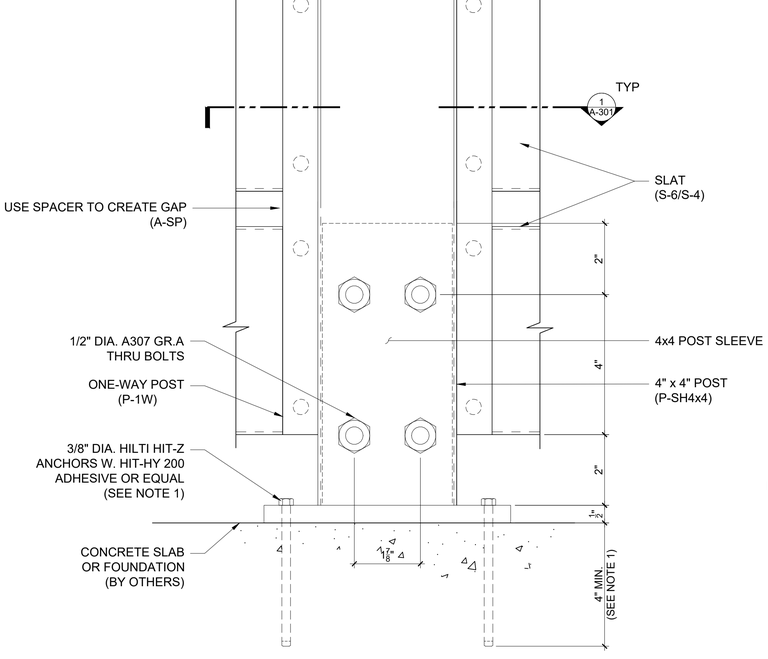
1 TYPICAL ONE-WAY TO 4x4 POST CONNECTION DETAIL
SCALE: 6" = 1'-0"



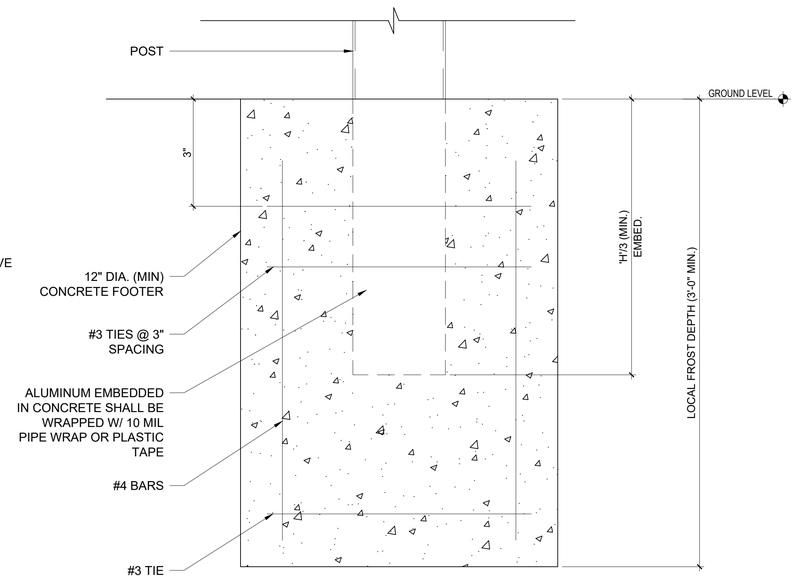
2 TYPICAL ONE-WAY TO 4x4 POST CONNECTION DETAIL
SCALE: 6" = 1'-0"



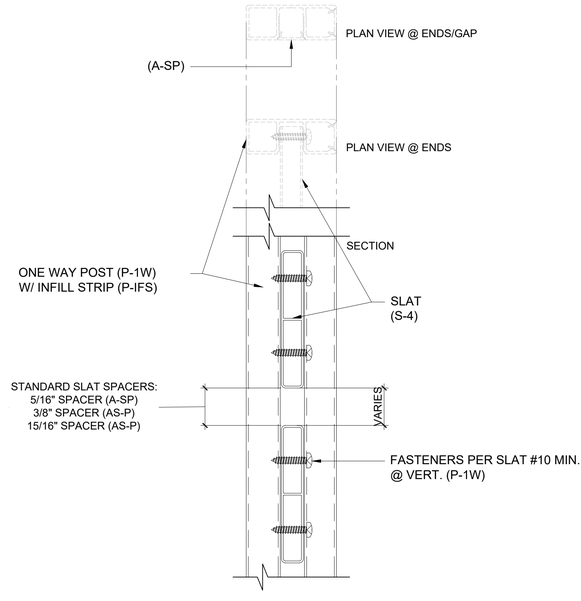
3 TYPICAL ONE-WAY TO 4x4 POST CONNECTION DETAIL
SCALE: 6" = 1'-0"



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



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



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

GENERAL NOTES:

PREPARED BY:

PARALLEL
ARCHITECTURAL PRODUCTS
2750 S. RARITAN STREET ENGLEWOOD, CO 80110

DATE ISSUED: 00/00/2024

PLAN REVISIONS

NO.	DATE	DESCRIPTION

PROJECT NAME:

PARALLEL - SHOP DWGS

DRAWING NAME:

HORIZONTAL FENCING 4x4 POST DETAILS

PROJECT NO: 000

DRAWING NO: A-301

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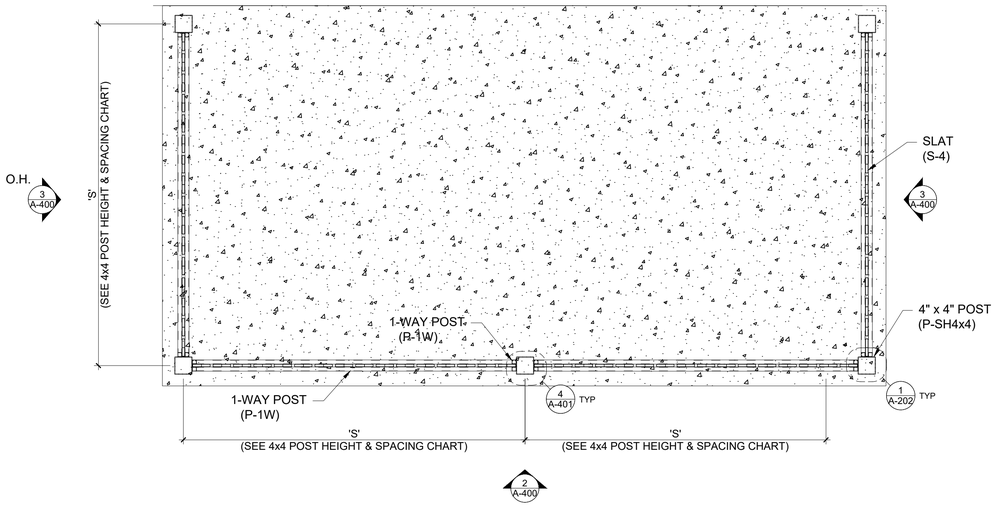


1 4x4 POST FENCE W/ VERTICAL SLATS - PLAN VIEW
SCALE: 3/4" = 1'-0"

4x4 POST HEIGHT & SPACING CHART - WITH STANDARD BASEPLATE

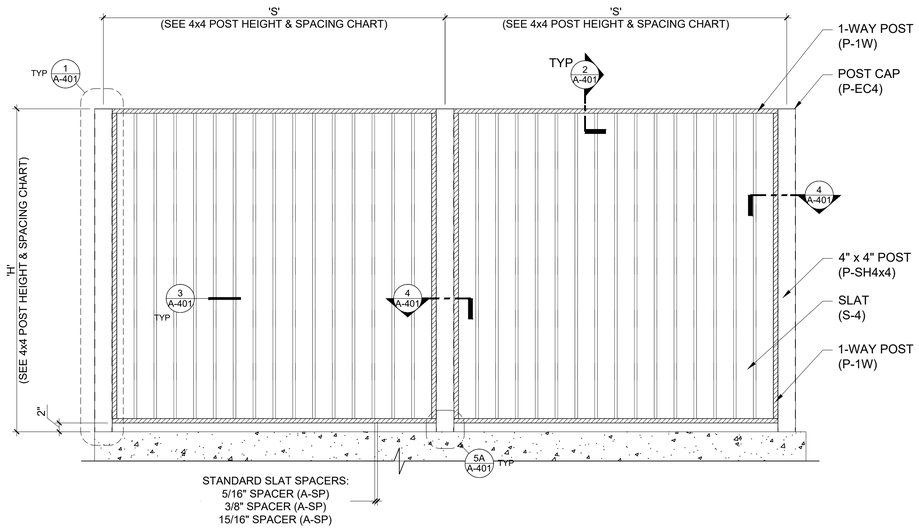
POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
6'-0"	4'-0"	45 PSF
6'-0"	5'-0"	36 PSF
6'-0"	6'-0"	30 PSF
8'-0"	3'-0"	34 PSF
8'-0"	4'-0"	25.5 PSF
8'-0"	5'-0"	20.25 PSF
8'-0"	6'-0"	17 PSF
10'-0"	3'-0"	21.75 PSF
10'-0"	4'-0"	16.25 PSF
10'-0"	5'-0"	13 PSF
10'-0"	6'-0"	10.75 PSF

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

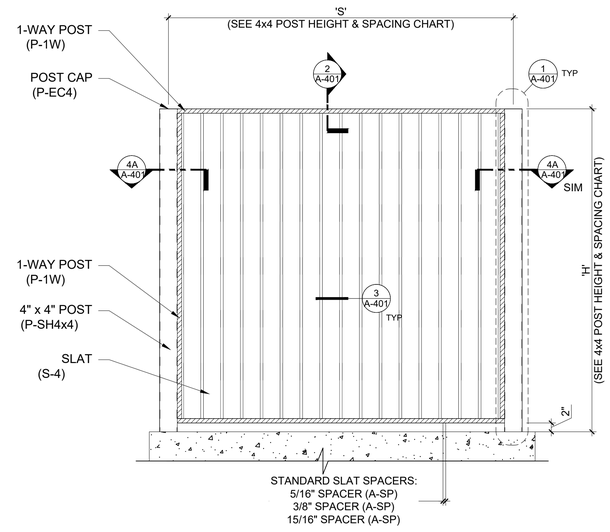
4x4 POST HEIGHT & SPACING CHART - WITH EMBEDDED POST

POST HEIGHT 'H' (MAX)	POST SPACING 'S' (MAX)[2]	MAX WIND PRESSURE[1]
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.



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"

GENERAL NOTES:

PREPARED BY:

PARALLEL
ARCHITECTURAL PRODUCTS

2750 S. RARITAN STREET ENGLEWOOD, CO 80110

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

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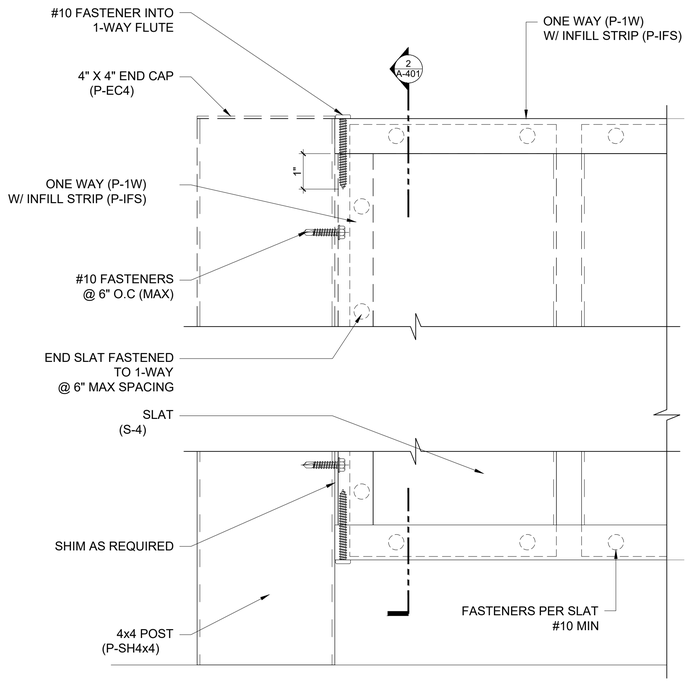
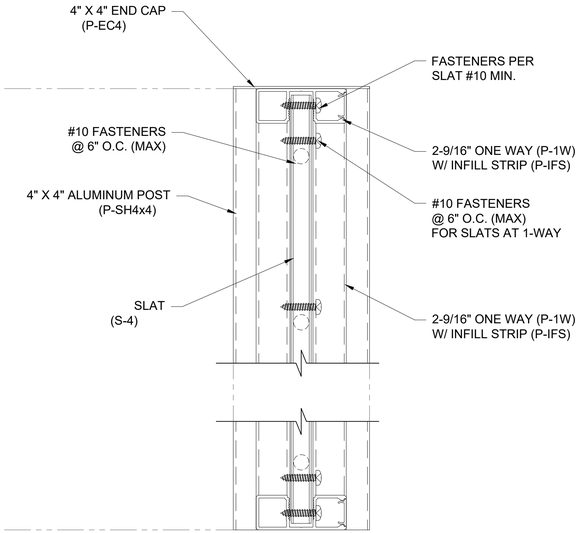
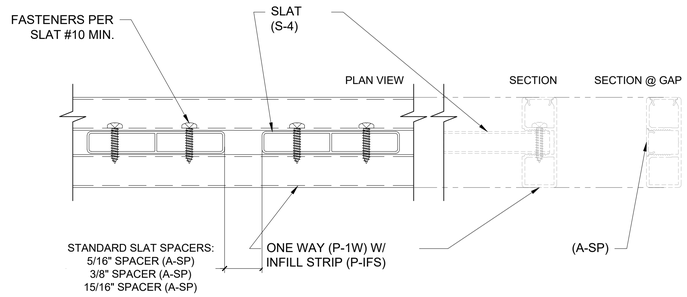


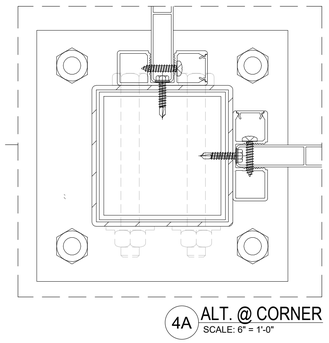
1 TYPICAL RAIL TO POST CONNECTION DETAIL ON 4x4 POST FENCE
SCALE: 6" = 1'-0"



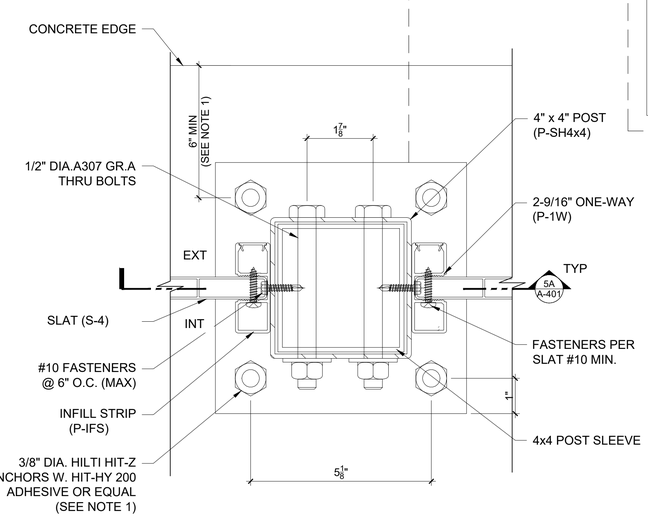
2 TYPICAL TOP SLAT CONNECTION DETAIL (BOTTOM SIMILAR)
SCALE: 6" = 1'-0"



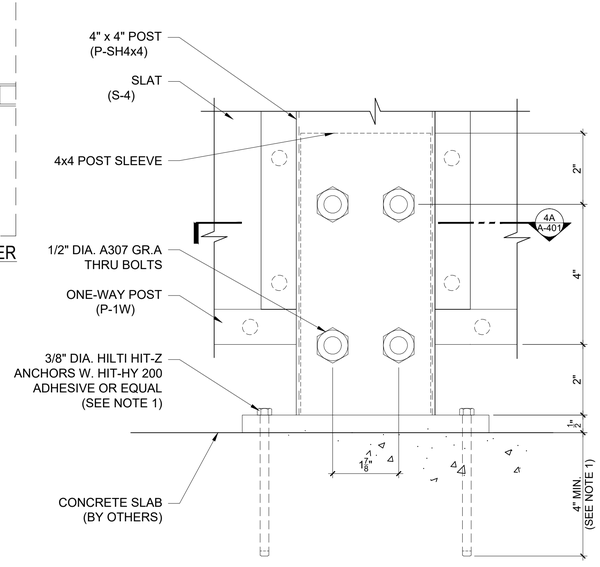
3 TYPICAL SLAT CONNECTION DETAIL
SCALE: 6" = 1'-0"



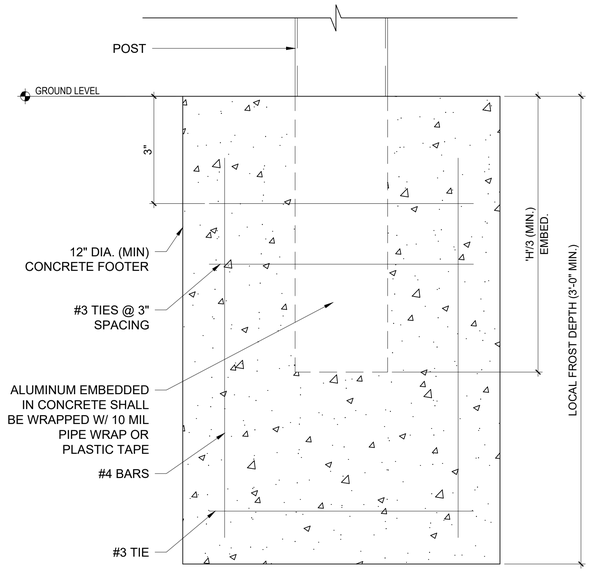
4A ALT. @ CORNER
SCALE: 6" = 1'-0"



4 TYPICAL 4x4 POST CONNECTION DETAIL
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:

PARALLEL
ARCHITECTURAL PRODUCTS

2750 S. RARITAN STREET ENGLEWOOD, CO 80110

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