About Tolar Manufacturing

Your Rider’s Connection Starts at the Stop

TOLAR®
MANUFACTURING

TOLAR

MANUFACTURING

- Formed in 1991-Located in Corona, CA
- Our focus is providing amenities to the transit industry
- Deepest portfolio in the industry
- Lifetime structural warranty
- Experienced multi-disciplined design and fabrication team
- Los Angeles and Clark County NV Certified fabricators
    - Outside managed quality plan

- Current purchasing opportunities available using Basin Transit CalACT Contract 21-01
  - Packages Include
  - Shelter
  - Solar Lighting
  - Bench and Trash Receptacle
  - Options for
    - Static Map Cases Ad Kiosks
    - Bus Stop Pole Lighting
    - Real-Time Information

Today's Focus

Making Bus Stops Work on State Highways

How Tolar Currently Works with Caltrans

- Region Specific Projects based on Agency Specifications
- Process Takes 2-3 Years before going out to bid
- Agency Specific Designs
- Shelters specified in construction projects

Recent Caltrans Requests

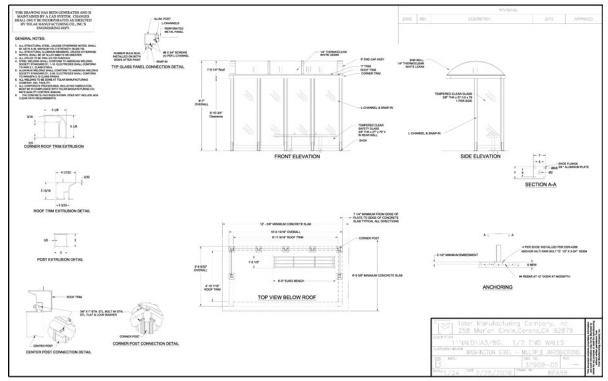
- Standard Shelter Design for the state
- Working through the Caltrans standard process for approved products
- Our intent is to base shelter options in a format similar to the current CalACT options
- Still needs to be an option for agency specific solutions

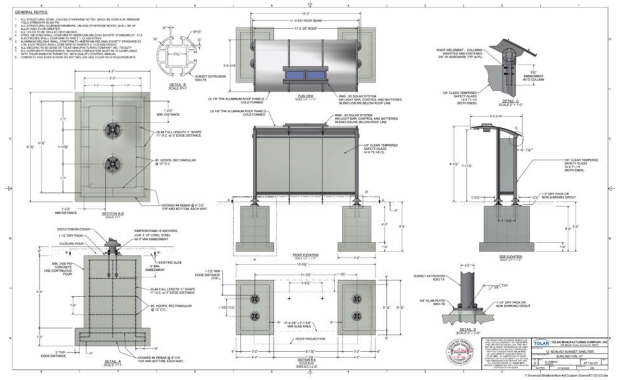
Challenges

- Will this process meet agency needs?
- Working though various hardscape designs based on the wide variety of building codes
- Conveying the options that agencies would maintain within the chosen menu

Climate Design Standards by Jurisdiction

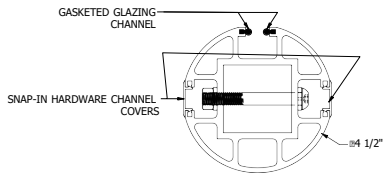
Jurisdiction	Ground Snow Load (lbs/ft^2)	Roof Snow Load (lbs/ft^2)	Wind Design Speed (mph)	Seismic Design Category	Weather Damage	Frost Line Depth (in)	Winter Design Temp (F)
Spokane County	39	30	110	C	Severe	24	10
City of Spokane	39	30	110	C	Severe	24	10
City of Spokane Valley	39	30	110	C	Severe	24	10
City of Liberty Lake	58	40	85	C	Severe	24	10
City of Cheney	39	30	110	C	Severe	24	10
City of Airway Heights	39	30	85	C	Severe	24	10
MAXIMUM VALUES	**58**	**40**	**110**	**C**	**Severe**	**24**	**10**



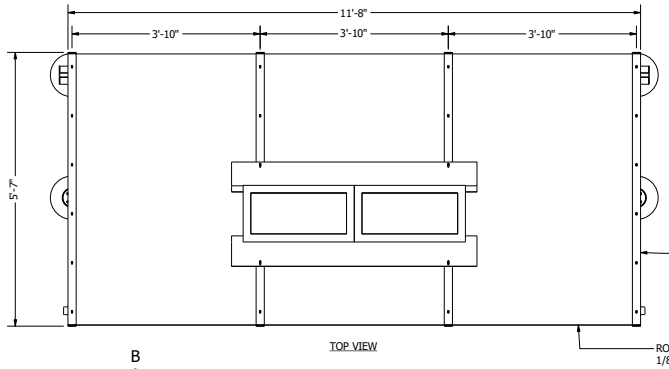


Tolar’s Thoughts

- Three Size Options
- Two Roof Options
- RTIS Options
- Bus Stop Pole Lighting Options
- Will this work for agencies?
- Will this streamline the project?
- Scoring Grants



SUNSET EXTRUSION
SCALE 1 / 2



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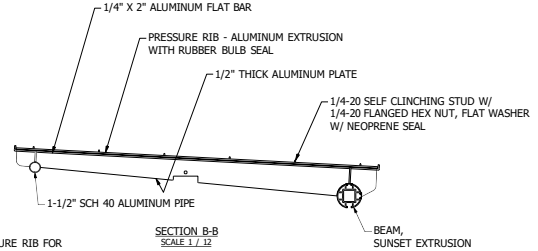
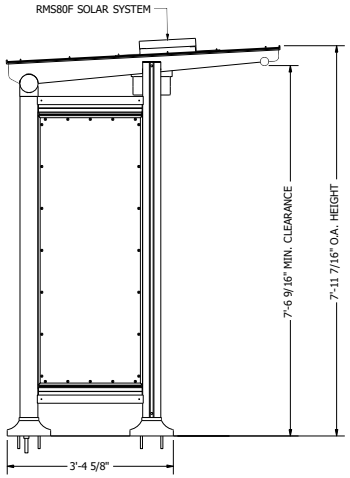


SECTION B-B
SCALE 1 / 12



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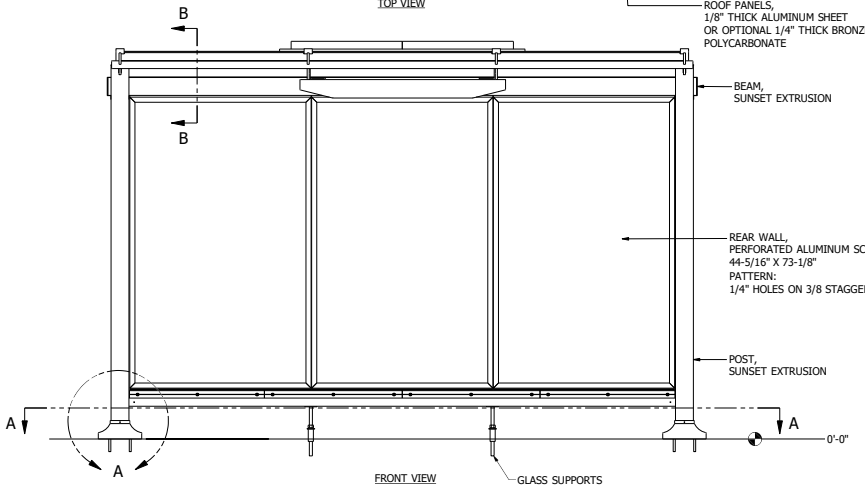
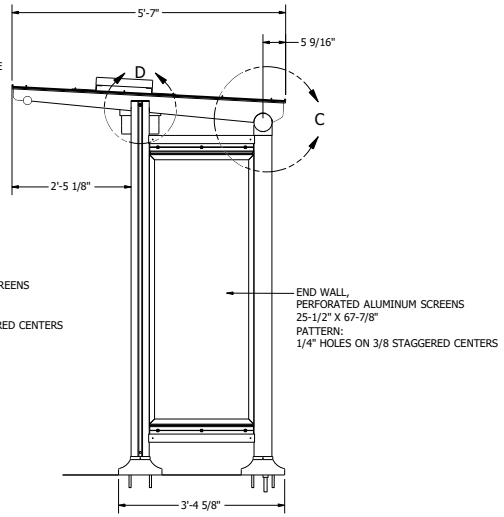


FRONT VIEW



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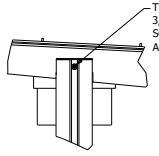
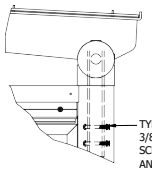
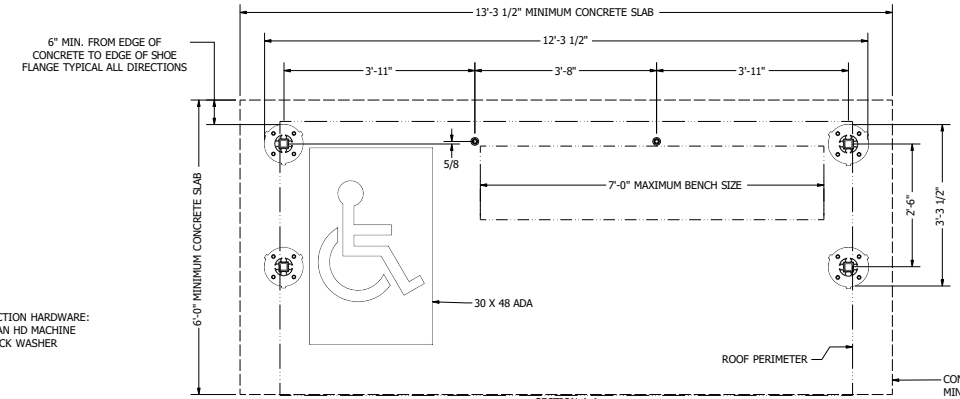


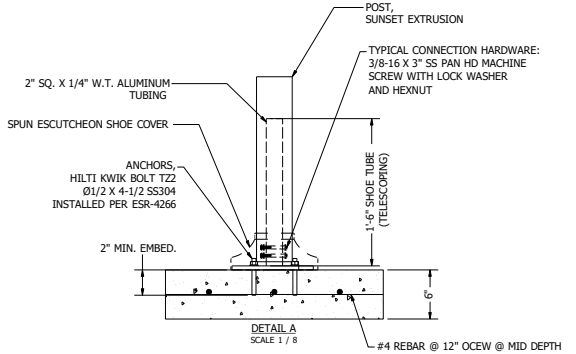
DETAIL D
FRONT COLUMN TO ROOF CONNECTION
SCALE 1 / 8



DETAIL C
REAR COLUMN TO ROOF CONNECTION
SCALE 1 / 8



SECTION A-A
FLOOR PLAN



DETAIL A
SCALE 1 / 8

REVISION HISTORY

ZONE:	REV:	DESCRIPTION:	DATE:	APV:
N/A	-	N/A	3/31/2026	RF

ENGINEER OF RECORD

GENERAL NOTES:

1. ALL STRUCTURAL STEEL, UNLESS OTHERWISE NOTED, SHALL BE ASTM A-36, MINIMUM YIELD STRENGTH 36,000 PSI.
2. ALL STRUCTURAL ALUMINUM MEMBERS, UNLESS OTHERWISE NOTED, SHALL BE OF ALLOY 6063-T5 OR GREATER.
3. ALL HOLES TO BE DRILLED OR PUNCHED.
4. STEEL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STANDARD D1. 1-10. ELECTRODES SHALL CONFORM TO AWS 5.1, CLASS E70S-5.
5. ALUMINUM WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY STANDARD D1. 2-08. ELECTRODES SHALL CONFORM TO AWS/SFA 5.10 CLASS ER4043.
6. ALL WELDING TO BE DONE AT TOLAR MANUFACTURING COMPANY, INC. FACILITY.
7. ALL CORPORATE PROCEDURES, INCLUDING FABRICATION, MUST BE IN COMPLIANCE WITH TOLAR MANUFACTURING CO. INC'S QUALITY CONTROL MANUAL
8. THE CONCRETE PAD SIZES SHOWN ARE STANDARD MINIMUM REQUIREMENTS FOR THE STRUCTURE AND ARE FOR REFERENCE ONLY. THE PAD MAY NEED TO BE REINFORCED OR ENLARGED DEPENDING ON LOCAL CODES AND LOADING CONDITIONS AND DOES NOT INCLUDE ADA CLEAR PATH REQUIREMENTS.

THE DESIGN AND DRAWINGS REMAIN THE INTELLECTUAL PROPERTY OF **TOLAR MFG.** AND ARE PROTECTED BY LAW. THEY MAY NOT BE ALTERED, REPRODUCED OR USED FOR FABRICATION WITHOUT EXPRESSED WRITTEN CONSENT FROM **TOLAR MFG.** ALL DOCUMENTS TO BE RETURNED TO **TOLAR MFG.** AT COMPLETION OF WORK. CONTRACTOR TO SITE VERIFY ALL DETAILS AND DIMENSIONS AND REPORT ANY AND ALL DISCREPANCIES TO **TOLAR MFG.** BEFORE COMMENCING WITH THAT RELATED PORTION OF THE WORK.

TOLAR MANUFACTURING COMPANY, INC
258 Mariah Circle, Corona CA. 92879

DESCRIPTION	12NAEMPPM		
CUSTOMER/VENDOR	TOLAR STD.	PAGE	1 of 1
SIZE D	MATL. VARIES	DWG NO. 90025-00	REV -
SCALE 1/16	DATE 3/31/2026	DRAWN BY: RFarr	

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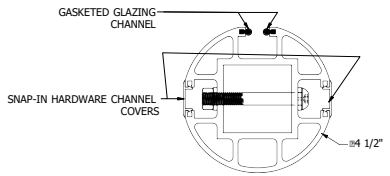

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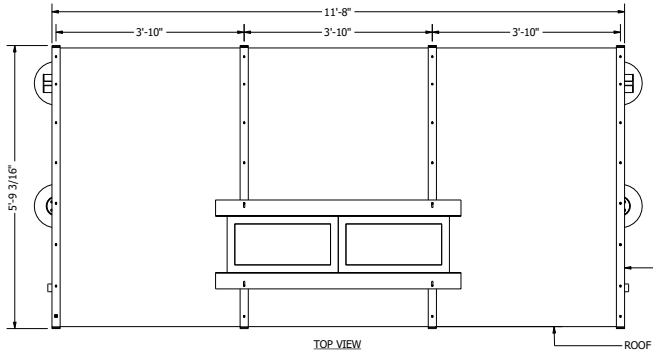

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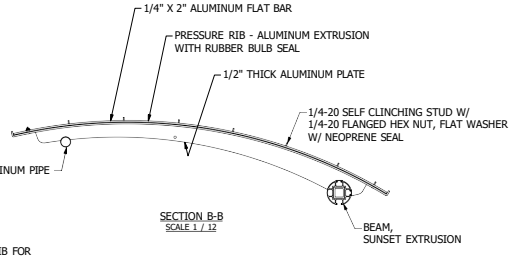

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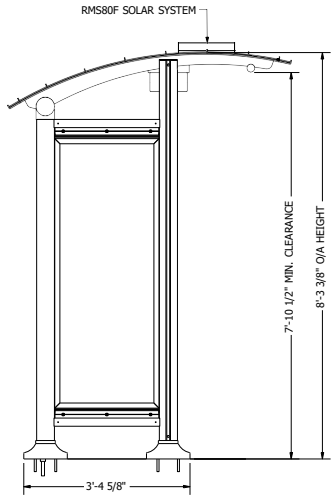

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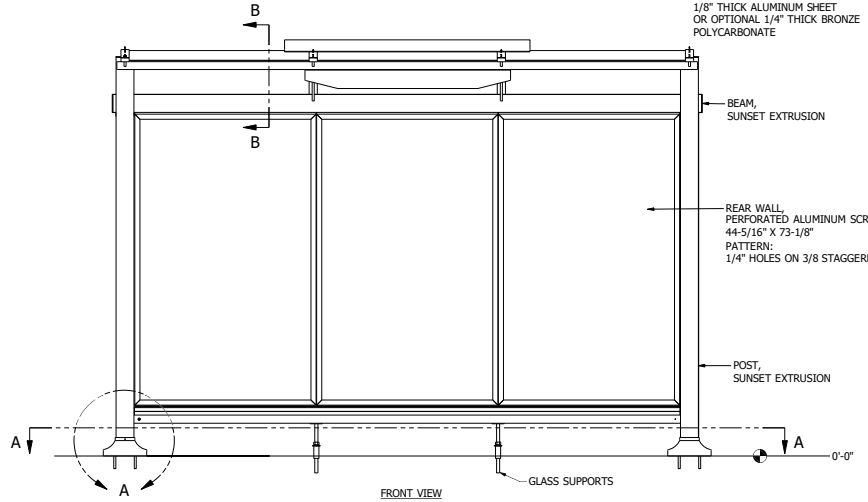

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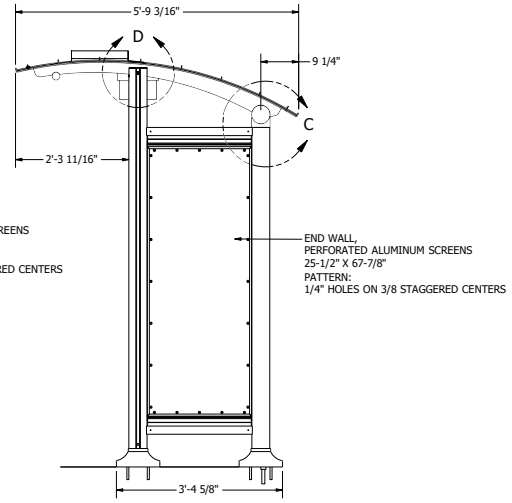

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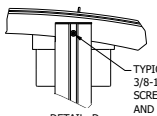

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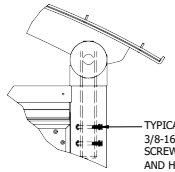

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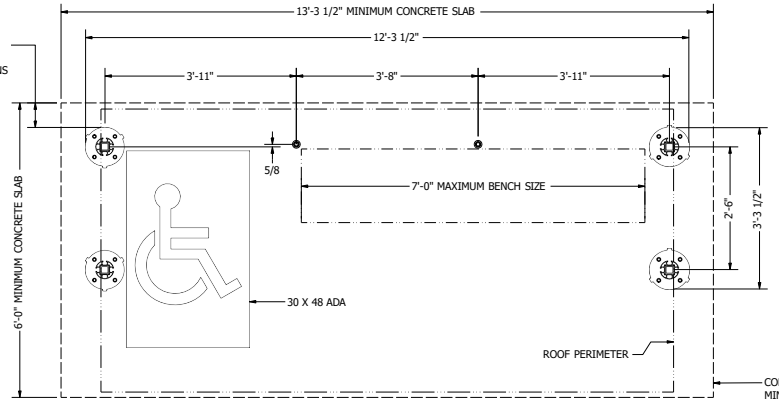

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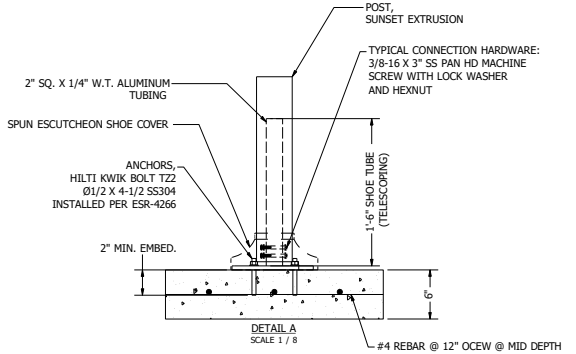

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DRAWN BY:	RFarr

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Thank you

TOLAR MANUFACTURING

- Patrick Merrick
- PMerrick@TolarMfg.com
- 951-547-8209
- Booth 113