

## STATE OF CALIFORNIA

California Department of Transportation

Division of Equipment

**Invitation for Bid****Responses must be delivered to the Division of Equipment before 2:00 PM on the Due Date.**

|                                                                  |                                    |                                       |                                            |                                       |
|------------------------------------------------------------------|------------------------------------|---------------------------------------|--------------------------------------------|---------------------------------------|
| <b>BID DUE DATE:</b><br>9/10/2026<br><b>BID OPENING: 2:15 PM</b> | <b>RELEASE DATE:</b><br>08/18/2026 | <b>SOLICITATION</b><br>IFB 32-12-6633 | <b>DELIVERY DATE</b><br>SEE SPECIFICATIONS | <b>REQUISITION NO</b><br>322710000007 |
|------------------------------------------------------------------|------------------------------------|---------------------------------------|--------------------------------------------|---------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CONTACT FOR FURTHER INFORMATION:</b><br><b>PROCUREMENT OFFICIAL:</b> Chris Herrick<br><b>PHONE:</b> 916-629-7545<br><b>EMAIL:</b> <a href="mailto:Christopher.Herrick@dot.ca.gov">Christopher.Herrick@dot.ca.gov</a><br><b>BACK UP PROCUREMENT OFFICIAL:</b> Mike Weber<br><b>PHONE:</b> 916-594-4163<br><b>EMAIL:</b> <a href="mailto:Michael.E.Weber@dot.ca.gov">Michael.E.Weber@dot.ca.gov</a> | <b>SHIP TO LOCATION:</b><br><b>DEPT. OF TRANSPORTATION</b><br><b>Division of Equipment</b><br><b>Equipment Receiving Storage Yard</b><br><b>4338 DUDLEY BLVD.</b><br><b>MCCLELLAN PARK, CA 95652</b> |
| <b>SUPPLIER NAME:</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>CONTACT:</b>                                                                                                                                                                                      |
| <b>SUPPLIER ADDRESS:</b>                                                                                                                                                                                                                                                                                                                                                                             | <b>TITLE</b>                                                                                                                                                                                         |
| <b>CITY</b>                                                                                                                                                                                                                                                                                                                                                                                          | <b>EMAIL</b>                                                                                                                                                                                         |
| <b>STATE, ZIP</b>                                                                                                                                                                                                                                                                                                                                                                                    | <b>PHONE</b>                                                                                                                                                                                         |
| <b>SIGNATURE</b>                                                                                                                                                                                                                                                                                                                                                                                     | <b>DATE</b>                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                      | <b>FAX</b>                                                                                                                                                                                           |

\_\_\_\_ % CASH DISCOUNT FOR PAYMENT WITHIN \_\_\_\_ DAYS SEE REQUIRED PAYMENT DATE OF THE GENERAL PROVISIONS PARAGRAPH 10.

IF CLAIMING THE STATE OF CALIFORNIA PREFERENCE AS A M/B, SB, or DVBE; ENTER CERTIFICATION ID HERE: \_\_\_\_\_

ARE YOU A NON-SMALL BUSINESS CLAIMING AT LEAST 25% SMALL BUSINESS SUBCONTRACTOR PREFERENCE? YES ☐ NO ☐

Section 14835 et seq. Of the California government code requires that a 5% preference be given to bidders who qualify as a small business or bidders who qualify as a non-small business claiming at least 25% California certified small business participation. For requirements see title 2, California code of regulations, section 1896, et seq. The requirements for nonprofit veteran service agencies qualifying as a small business are contained in section 999.50 et seq. Of the military and veterans code.

Bidder offers and agrees if this response is accepted within 60 calendar days from the date of opening to furnish all of the items upon which prices are quoted, at the prices set opposite each item, delivered at the designated point(s) by the method of delivery and within the times specified above and subject to the attached General Provisions.

DECLARATIONS UNDER PENALTY OF PERJURY: By signing above, with inclusion of the date of signature, the above signed bidder DECLARES UNDER PENALTY OF PERJURY under the laws of the State of California as follows: (1) (STATEMENT OF COMPLIANCE). The above signed has complied with the non-discrimination program requirements of Government Code 12990 and Title 2, California Administrative Code Section 8103, and such declaration is true and correct. (2) the National Labor Relations Board declaration set forth in Paragraph 8 of the General Provisions is true and correct. (3) If a claim is made for the small business preference, the information set forth within is true and correct.

**SCOPE**

This solicitation is a One Time Acquisition conducted by the California Department of Transportation, Division of Equipment

For Body, Roll-Off, 4-Cubic Yard Dump QTY 100. To be supplied in accordance with State of California Specification 80201-446-261 and all included drawings.

**KEY ACTION DATES**

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Invitation for Bid (IFB) Release | <b>August 18th, 2026</b>                    |
| Last day to submit questions     | <b>September 1st, 2026, BEFORE 4:00 PM</b>  |
| Invitation for Bid (IFB) Due     | <b>September 10th, 2026, BEFORE 2:00 PM</b> |
| <b>Bid Opening / Reading</b>     | <b>September 10th, 2026, 2:15 PM</b>        |

The Key Action Dates stated above are the important actions and dates by which the actions must be taken or completed. If the State finds it necessary to change any of these dates, it will be accomplished via an addendum to this IFB.

**Public Bid Opening/ Bid Reading**

Due to State Office Closures Public Bid Openings will be conducted by conference call on the date and time listed above. You may join the conference call by dialing the number below up to five minutes prior to the bid opening time.

**Phone: 1-408-418-9388    Participant code: 24958677890##**

## **SOLICITATION**

Also referred to as Event in [Cal eProcure](#).

## **METHOD OF AWARD**

This solicitation shall be awarded by "All or None" basis. Cash discounts will not be considered in the evaluating quotes for award purposes (See Section 5 of the Bidders Instructions). The award will be made to the lowest responsive and responsible bidder meeting all administrative and technical requirements, terms, and conditions of this solicitation. In the event of a tie, a coin toss will be a permissible tiebreaker. Such event will be conducted by the procurement official and observed by a state employee as witness.

## **PROCUREMENT OFFICIAL**

The Procurement Official is the state's designated authorized representative regarding this procurement. Bidders are directed to communicate with the Procurement Official to submit questions, deliver proposals, and submit all other formal correspondence regarding this procurement.

## **RESPONSIVE BIDDER**

A supplier who is responsive submits a bid response compliant with the solicitation requirements and indicates performance without material deviation from the terms and conditions of the proposed contract. Bidders are cautioned that conditional bids or bids based upon assumptions will be deemed non-responsive.

## **RESPONSIBLE BIDDER**

A supplier who is responsible and submits a responsive bid is one who clearly indicates compliance without material deviation from the solicitation's terms and conditions and who possesses the experience, facilities, reputation, financial resources and other factors existing at the time of contract award.

## **PROTEST**

A protest of proposed award is a challenge conducted under PCC 10306 by a participating bidder against the proposed contract award of a non-IT goods contract.

A Notice of Intent to Award (ITA) for this solicitation will be publicly posted in the DOT Division of Equipment webpage located at <https://dot.ca.gov/programs/equipment/award-notifications> and sent via email to all bidders who submit a bid and/or email request for ITA notice. Any participating bidder may protest the proposed award on the grounds that their bid is the lowest responsible bidder meeting specifications within 24 hours of receipt of ITA.

All protests of proposed award must be made in writing and signed by an individual authorized to bind the bidder contractually and financially. An Intent to Protest the Proposed Award must be submitted to the DGS/PD Protest Coordinator, Caltrans DOE Procurement Officer, and Backup Procurement official. The following may also be copied: DOE Headquarters Purchasing and DPAC Protest and Disputes.

DGS/PD Protest Coordinator: [pdprotest@dgs.ca.gov](mailto:pdprotest@dgs.ca.gov)

Caltrans DOE Procurement Officer: [Christopher.Herrick@dot.ca.gov](mailto:Christopher.Herrick@dot.ca.gov)

Caltrans DOE Back Up Procurement Officer: [Michael.E.Weber@dot.ca.gov](mailto:Michael.E.Weber@dot.ca.gov)

[DOE.Headquarters.Purchasing@dot.ca.gov](mailto:DOE.Headquarters.Purchasing@dot.ca.gov)

[DPAC.Protest.Disputes.Terminations@dot.ca.gov](mailto:DPAC.Protest.Disputes.Terminations@dot.ca.gov)

## **QUESTIONS REGARDING THE IFB**

Bidders requiring clarification of the intent or content of this IFB or on procedural matters regarding the competitive IFB process may request clarification by submitting questions by the date(s) identified in the key action dates via email to the Procurement Official and Back up identified in this IFB and copy DOE Headquarters Purchasing. If a Bidder submits a question after the scheduled date(s), the State will attempt to answer the question but does not guarantee that the answer will be prior to the bid due date.

**Note:** *Answers to all questions will be posted via an Event/Solicitation Addendum.*

## **WRITTEN QUESTIONS**

1. Every attempt has been made to produce complete specifications for this equipment. Should the Bidder discover any ambiguity, conflict, omission or other error in the IFB, or have any questions concerning interpretation or clarification, the Bidder shall immediately notify the State of such in writing and request clarification or modification of the document. All questions or concerns regarding this IFB must be sent in writing via email to the contact person listed on page one (1) of this IFB. All questions must be received on or before the date indicated in the Key Action Date, and include the Bidder's name, the business name, phone number, and this IFB name and number. Questions not submitted by the Key Action Date shall be answered at the State's option.

2. Upon completion of review, all questions received by the date and time specified in the **Key Action Dates** will be answered in writing and posted to the original advertisement on the Cal eProcure website by the Key Action Date identified above. The Question and Answers will state each question, but not the source of the question, along with the State's response. If there are any changes to the IFB as a result of any questions, there will be an IFB addendum that will become part of the IFB and posted to the original IFB advertisement on Cal eProcure. Only written responses shall be considered binding. Bidders should rely on written, rather than verbal, responses from the State. The State reserves the right to cancel or modify this IFB, in whole or in part.
3. An error in the Final Bid may cause the rejection of that bid; however, the State may at its sole option retain the bid and make certain immaterial corrections, including obvious clerical errors.

### **REQUEST TO CHANGE REQUIREMENTS OF THE IFB**

A bidder who desires clarification or further information on the content of the solicitation, but whose questions relate to the proprietary aspect of that bidder's bid and which, if disclosed to other bidders, would expose that bidder's bid, may submit such questions in the same manner as above, but also marked "CONFIDENTIAL," and not later than the scheduled date specified in the KEY ACTION DATES to ensure a response. The bidder must explain why any questions are sensitive in nature. If the State concurs that the disclosure of the question or answer would expose the proprietary nature of the bid, the question will be answered, and both the question and answer will be kept in confidence. If the State does not concur with the proprietary aspect of the question, the question will not be answered, and the bidder will be so notified.

If the bidder believes that one or more of the solicitation requirements is onerous, unfair, or imposes unnecessary constraints to the bidder in proposing less costly or alternate solutions, the bidder may request a change to the solicitation by submitting, in writing, the recommended change(s) and the facts substantiating this belief and reasons for making the recommended change titled "Request to Change Requirements in this IFB. Such request must be submitted to the Procurement Official and Back up identified and copy DOE Headquarters Purchasing by the date specified in the KEY ACTION DATES for submitting a request for change. Oral responses shall not be binding on the state. Bidders must submit any request for changes, by the key action date

### **ATTACHMENTS**

**NOTE: The documents and files attached to this solicitation do not have any updates for digital accessibility at this time. Updates will be applied as soon as they are available. For an accessible version of solicitation documents published on this page, please submit a request to [ADAdocs@dot.ca.gov](mailto:ADAdocs@dot.ca.gov) or call (833) 713-2922.**

The following documents are attached, or attached by reference, and part of this solicitation:

1. IFB Pricing Sheet
2. Technical Specification 80201-446-261T
3. Administrative Requirements 80201-446-261A
4. Questionnaire
5. Caltrans In-Shop Warranty Agreement
6. Drawings
7. [Bidder's Instructions \(GSPD-451\)](#) \*
8. [General Provisions \(GSPD-401\)](#) \*
9. [Payee Data Record \(STD. 204\)](#) \*\*
10. [Postconsumer Content Certification Form \(CalRecycle 74\)](#) \*\*\*
11. [Bidder Declaration Form \(GSPD-05-105\)](#) \*\*\*
12. [Darfur Contracting Act Certification](#) \*\*\*
13. [Iran Contracting Act Certification \(solicitation over \\$1,000,000.00 ONLY\)](#)
14. [California Civil Rights Laws Certification](#) \*\*\*
15. [Commercially Useful Function Certification Form \(CUF\)\(ADM-3025\)](#) \*\*\*
16. [California Disabled Veteran Business Enterprise \(DVBE\) Bid Incentive Instructions of three \(3\) pages, dated 09/14/15](#)\*\*
17. [Disabled Veterans Business Enterprise Declarations \(STD.843\)](#) \*\*\*
18. [TACPA Preference Request \(STD.830\)](#) \*\*\*
19. [TACPA Preference Manufacturer's Summary \(DGS/PD525\)](#) \*\*
20. [TACPA Preference Bidder's Summary \(DGS/PD526\)](#) \*\*
21. [Prime Contractor's Certification – DVBE Subcontracting Report \(STD 817\)](#) \*\*\*

\* These documents are incorporated by reference located at the link provided.

\*\* This document is digitally accessible at the link provided.

\*\*\* These documents are fillable pdf forms located at the link provided.

**Please refer to the IFB response checklist for items from the list above that MUST be returned with the bid or the bid may be rejected.**

## **FINANCING**

The State reserves the right to select the form of payment for all procurements, be it either an outright purchase with payment rendered directly by the State, or a financing/lease-purchase or operating lease via the State Financial Marketplace (GS \$Mart and/or Lease\$Mart). If payment is via the financial marketplace, the Supplier will invoice the State, and the State will approve the invoice and the selected Lender/Lessor for all product listed on the State's procurement document will pay the supplier on behalf of the State.

## **PRICES**

Prices shall be submitted via email. Pricing shall be all inclusive. Only the prices/charges submitted in the bid response shall be accepted and included in the awarded contract. For the purpose of this bid, only bids quoted F.O.B. Destination, Freight Prepaid, will be accepted. No charge for delivery, drayage, express, parcel post, packing, cartage, insurance, license fees, permits, cost of bonds, or for any other purpose will be paid by the State unless expressly included and itemized in the Contract. International shipments will be Delivered Duty Paid (DDP). Import Costs, duties, taxes, value added tax or any other transportation or customs costs will not be paid by the State unless expressly included and itemized in the Contract. The sales tax rate applied should be based on the rate of the area where the product is to be delivered.

**Note:** The sales tax rate applied for vehicle purchases shall be based on the Sacramento city rate where the vehicle will be registered with the California Dept. of Motor Vehicles (DMV).

## **NOTE REGARDING BID PRICING**

Bid pricing shall be current as of bid due date.

Tariffs and corresponding price increases occurring after the bid due date may be submitted for review after PO issuance as specified in Administrative Section **12** Page 8 'PRICING - ESCALATION'.

## **TAXES:**

Unless otherwise required by law, the State of California is exempt from Federal excise taxes. The State will only pay for any State or local sales or use taxes on the services rendered or goods supplied to the State pursuant to this contract.

## **POST AWARD MEETING**

Post Award Meeting Refer to Administrative Requirements Paragraph 2 Page 1 for details

## **WARRANTY INFORMATION**

Warranty details and requirements refer to Administrative Requirements Section 3 Page 1 and 2 for details

## **INSPECTION**

Inspection details and requirements; refer to Administrative Requirements Section 6 Pages 3, 4 and 5

## **DELIVERY**

Delivery details and requirements refer to Administrative Requirements Section 8 Page 7 for details

Final delivery, inspection and acceptance shall be at the DIVISION OF EQUIPMENT, Equipment Receiving, 1920 35TH Street, Sacramento, CA 95816. Unless specified differently in the Invitation for bid.

**Note:** In accordance with paragraph 15 of the General Provisions entitled "Delivery", the contractor shall strictly adhere to the delivery terms and completion schedule as specified in this solicitation. Failure to comply with the delivery requirements, as stated, may be considered a breach of contract and subject the contractor to General Provisions 11, entitled "Rights and Remedies of the State for Default".

## **LATE DELIVERY CHARGE**

This bid contains a "**LATE DELIVERY CHARGE**" clause.  
Refer to Administrative Requirements Section 9 Page 7

## **ADDITIONAL TERMS AND CONDITIONS**

The state objects to and will not evaluate or consider any additional terms or conditions submitted by a bidder. This applies to any language appearing in documents attached as part of the bidder's response. In signing and submitting a bid, the bidder agrees that any additional terms and conditions whether submitted intentionally or inadvertently, shall have no force or effect. Bids with terms and conditions attached may be subject to rejection.

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## **AMENDMENTS**

Consistent with the terms and conditions of the original solicitation, and upon mutual consent, DOE and the Contractor may execute written amendments that are within the Scope of Work of the original Purchase Order (or Contract).

Option to increase or decrease number of units are allowed (up to 50 units) and an amount equal to 10% of the bid amount may be added to the purchase order to allow for State requested options/upgrades and Unanticipated work. Refer to Administrative Requirement Section 10 Page 7 for details

## **EQUIPMENT TO BE NEW**

All equipment is to be new and latest model in current production. USED, SHOPWORN, DEMONSTRATOR, PROTOTYPE, OR DISCONTINUED MODELS ARE NOT ACCEPTABLE.

## **LOSS LEADER:**

It is unlawful for any person engaged in business within this state to sell or use any article or product as a "loss leader" as defined in Section 17030 of the Business and Professions Code. (PCC 0302(b).)

## **DESCRIPTIVE LITERATURE**

Bidders are recommended to include complete descriptive literature if available with the bid and are to note the brand name model or catalog number on the price sheet. Descriptive literature shall be annotated to specify the applicable page, brand, model and items(s).

## **CALIFORNIA SELLER'S PERMIT**

Bidders must provide their California retailer's seller's permit or certification of registration and, if applicable, the permit or certification of all participating affiliates, issued by the California Department of Tax and Fee Administration (CDTFA), pursuant to all requirements as set forth in Sections 6487, 7101 and Sections 6452.1, 6487.3, 18510 of the Revenue and Taxation Code, and Section 10295.1 of the Public Contract code. In order to expedite the process of verifying the validity of the permit, provide the CDTFA permit number in the space provided below (or attach a copy of the permit with your bid.)

For instructions on how to obtain a California Sellers Permit number or register to do business in the State of California, visit the California Department of Tax and Fee Administration [website](#)

**Retailer's Seller's Permit Number:** \_\_\_\_\_

## **PAYEE DATA RECORD**

Bidders shall complete and sign the Payee Data Record (STD. 204) and submit with IFB submittal. A link to electronic version of this form can be found at: <https://www.documents.dqs.ca.gov/dqs/FMC/PDF/Std204.pdf>

## **FEDERAL EXCISE CERTIFICATE**

Federal Excise Tax Exemption Certificate will be attached to purchase order (when applicable).

## **POSTCONSUMER-CONTENT CERTIFICATION**

State agencies are required to report purchases in many product categories. To comply with those requirements, bidders are required to complete and return the attached Postconsumer-Content Certification form (CalRecycle 74) with their bid response.

## **BIDDER DECLARATION FORM**

All bidders must complete the Bidder Declaration Form GSPD-05-105 and include it with the bid response. When completing the declaration, bidders must identify all subcontractors proposed for participation in the contract; this includes equipment manufacturers, equipment distributors and resellers. **A subcontractor is any person, firm, corporation, or organization contracting to perform any part of the prime's contract.** Bidders awarded a contract are contractually obligated to use the subcontractors for the corresponding work identified unless the State agrees to a substitution, and it is incorporated by amendment to the contract.

If claiming the non-small business subcontractor preference, the form must list all the California small businesses with which you commit to subcontract in an amount of at least twenty-five percent (25%) of the net bid price. All certified small businesses must perform a "commercially useful function" in the performance of the contract as defined in Government Code Section 14837(d)(4).

## **DARFUR CONTRACTING ACT CERTIFICATION**

Effective January 1, 2009, all Invitations for Bids (IFB) or Requests for Proposals (RFP) for goods or services must address the requirements of the Darfur Contracting Act of 2008 (Act). (Public Contract Code sections 10475, *et seq.*; Stats. 2008, Ch. 272). The Act was passed by the California Legislature and signed into law by the Governor to preclude State agencies generally from contracting with "scrutinized" companies that do business in the African nation of Sudan (of which the Darfur region is a part), for the reasons described in Public Contract Code section 10475.

A scrutinized company is a company doing business in Sudan as defined in Public Contract Code section 10476. Scrutinized companies are ineligible to, and cannot, bid on or submit a proposal for a contract with a State Agency for goods or services. (Public Contract Code section 10477(a)).

Therefore, Public Contract Code section 10478 (a) requires a company that currently has (or within the previous three years has had) business activities or other operations outside of the United States to certify that it is not a "scrutinized" company when it submits a bid or proposal to a State agency. (See # 1 on the Attachment).

A scrutinized company may still, however, submit a bid or proposal for a contract with a State agency for goods or services if the company first obtains permission from the Department of General Services (DGS) according to the criteria set forth in Public Contract Code section 10477(b). (See # 2 on the Attachment).

## **IRAN CONTRACTING ACT CERTIFICATION**

Pursuant to the Iran Contracting Act of 2010 (Public Contract Code sections 2200 through 2208 are "the Act"), vendors are ineligible to bid on, submit a proposal for, enter into, or renew any contract with the state for goods or services of one million dollars (\$1,000,000) or more if the vendor engages in investment activities in Iran, as defined in the Act.

Also, pursuant to the Act, financial institutions are ineligible to bid on, submit a proposal for, enter into, or renew any contract with the state for goods or services of one million dollars (\$1,000,000) or more if the financial institution extends credit, as defined in the Act, to a business identified on the DGS list of ineligible vendors that will use the credit to provide goods or services in the energy sector in Iran.

Prior to submitting a bid or proposal and prior to executing any state contract or renewal for goods or services of one million dollars (\$1,000,000) or more, a vendor must certify that it is not on the [list of ineligible vendors](#) prohibited from doing business with the State of California. Also financial institutions must certify that they are not extending credit to an ineligible vendor as described in the Act. This [document](#) shall be used to satisfy the Act's certification requirements

The Act provides exceptions to the certification requirement, see PCC sections 2203(c) and (d) for additional information regarding the exceptions.

## **RUSSIA CONTRACTING EXECUTIVE ORDER**

On March 4, 2022, Governor Gavin Newsom issued Executive Order N-6-22 (<https://www.gov.ca.gov/wp-content/uploads/2022/03/3.4.22-Russia-Ukraine-Executive-Order.pdf>) regarding Economic Sanctions against Russia and Russian entities and individuals. "Economic Sanctions" refers to sanctions imposed by the U.S. government in response to Russia's actions in Ukraine, as well as any sanctions imposed under state law. By submitting a bid or proposal, Contractor represents that it is not a target of Economic Sanctions. Should the State determine Contractor is a target of Economic Sanctions or is conducting prohibited transactions with sanctioned individuals or entities, that shall be grounds for rejection of the Contractor's bid/proposal any time prior to contract execution, or, if determined after contract execution, shall be grounds for termination by the State.

## **CALIFORNIA CIVIL RIGHTS LAWS CERTIFICATION**

Pursuant to PCC 2010, a person that submits a bid or proposal or proposes to renew a contract with, a state agency in the amount of one hundred thousand dollars (\$100,000) or more shall certify, under penalty of perjury, at the time the bid or proposal is submitted, or the contract is renewed, all of the following:

- That they are in compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code).
- That they are in compliance with the California Fair Employment and Housing Act (Chapter 7 (commencing with Section 12960) of Part 2.8 of Division 3 of Title 2 of the Government Code).
- Supplier discrimination policies:

(1) That any policy that they have against any sovereign nation or peoples recognized by the government of the United States, including, but not limited to, the nation and people of Israel, is not used to discriminate in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the California Fair Employment and Housing Act (Chapter 7 (commencing with Section 12960) of Part 2.8 of Division 3 of Title 2 of the Government Code).

(2) Any policy adopted by a person or actions taken thereunder that are reasonably necessary to comply with federal or state sanctions or laws affecting sovereign nations or their nationals shall not be construed as unlawful discrimination in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the California Fair Employment and Housing Act (Chapter 7 (commencing with Section 12960) of Part 2.8 of Division 3 of Title 2 of the Government Code. Application is required regardless of the procurement approach, method, or solicitation format, including, but not limited to: Formal Bids, Informal Bids, Request for Proposals, Invitation for Bids, Non-Competitive Bids and the SB/DVBE Option. When renewing a contract either by utilizing an option to extend or an amendment to add time or funding to an existing contract, the supplier must re-certify.

#### **PROHIBITION ON TAX DELINQUENTS BIDDING (AB 1424)**

Public Contract Code section 10295.4 provides that a state agency shall not enter into any contract for goods or services with a contractor whose name appears on either list of the 500 largest tax delinquencies pursuant to Section 7063 or 19195 of the Revenue and Taxation Code. This section applies to contracts executed on or after July 1, 2012. The Franchise Tax Board (FTB) and the California Department of Tax and Fee Administration (CDTFA) will post and periodically update lists of the 500 largest tax delinquencies on their websites as required by law. Starting on July 1, 2012 prior to executing contracts state agencies must check the FTB and CDTFA lists to ensure the proposed awardee/vendor is not on either list. If the proposed awardee is on either list, the bid may be considered non-responsive.

#### **CALIFORNIA CERTIFIED SMALL BUSINESS AND PREFERENCE(S) INFORMATION**

##### **SMALL BUSINESS PREFERENCES AND CERTIFICATION**

Bidders claiming the small business preference must be certified by California as a small business or must commit to subcontract at least twenty-five percent (25%) of the net bid price with one or more California certified small businesses. Small Business Nonprofit Veteran Services Agencies (SB/NVSA) prime bidders meeting requirements specified in the Military and Veterans Code Section 999.50 et seq. and obtaining a California certification as a small business are eligible for the five percent (5%) small business preference. If applicable, claim the preference in the box on the first page of this solicitation.

Completed certification applications and required support documents must be submitted to the Office of Small Business and DVBE Services (OSDS) no later than 5:00 p.m. on the bid due date and the OSDS must be able to approve the application as submitted. Questions regarding certification should be directed to the OSDS at (916) 375-4940.

##### **SMALL BUSINESS REGULATIONS**

The Small Business regulations, located in the California Code of Regulations (Title 2, Division 2, Chapter 3, Subchapter 8, Section 1896 et seq.), concerning the application and calculation of the small business preference, small business certification, responsibilities of small business, department certification, and appeals are revised, effective 9/09/04. The new regulations can be viewed at the OSDS [website](#). Access the regulations by clicking on the "Small Business Regulations". For those without internet access, a copy of the regulations can be obtained by calling the OSDS at (916) 375-4940.

##### **SMALL BUSINESS PARTICIPATION REPORTING REQUIREMENTS**

If for this Contract the Contractor made a commitment to achieve small business participation, then the Department requires the Contractor upon completion of this Contract (or within such other time period as may be specified elsewhere in this Contract) to report the actual percentage of small business participation that was achieved. (Govt. Code § 14841).

##### **NON-SMALL BUSINESS SUBCONTRACTOR PREFERENCE**

A five percent (5%) bid preference is available to a non-small business claiming twenty-five percent (25%) California Certified small business subcontractor participation. If applicable, claim the preference in the box on the first page of this solicitation.

If claiming the non-small business subcontractor preference, the bid response must include a list of the small business(es) with which you commit to subcontract in an amount of at least twenty-five percent (25%) of the net bid price with one of more California certified small businesses. Each listed certified small business must perform a "commercially useful function" in the performance of the contract as defined in Government Code Section 14837(d)(4). The required list of California certified small business subcontracts must be attached to the bid response and must include the following: 1) subcontractor name, 2) address, 3) phone number, 4) a description of the work to be performed and/or products supplied, 5) and the dollar amount or percentage of the net bid price (as specified in the solicitation) per subcontractor.

Bidders claiming the five percent (5%) preference must commit to subcontract at least twenty-five percent (25%) of the net bid price with one or more California certified small businesses. Completed certification applications and required support documents must be submitted to the OSDS no later than 5:00 p.m. on the bid due date, and the OSDS must be able to approve the application as submitted. Questions regarding certification should be directed to the OSDS at (916) 375-4940.

##### **COMMERCIALLY USEFUL FUNCTION (CUF)**

All certified SB, MB, and/or DVBE prime contractors, subcontractors, suppliers, or primes that use a SB, MB, DVBE subcontractor must meet the commercially useful function requirements under Government Code Section 14837 (d)(4) (for SB/MB) and Military and Veterans Code Section 999(b)(5)(B) (for DVBE). Please answer the following questions, as they apply to your company for the goods and/or services being acquired in this solicitation. Complete this form by prime contractor and for each subcontractor used in the fulfillment of acquired goods and/or services

## **TACPA CONTRACT PREFERENCE**

This solicitation contains the Target Area Contract Preference Act (TACPA) preference request forms. Please carefully review the forms and requirements. If applying for this preference, bidders must submit the preference request forms listed in the Attachments section of this document. Denial of TACPA preference requests is not a basis for rejection of the bid.

The State as part of its evaluation process reserves the right to verify, validate, and clarify all information contained in the bid. This may include, but is not limited to, information from bidders, manufacturers, subcontractors and any other sources available at the time of bid evaluation. Bidder refusal to agree to and/or comply with these terms, or failure to provide additional supporting information at the State's request may result in the denial of the preference requested.

Contracts awarded with applied preference will be monitored throughout the life of the contract for compliance with statutory, regulatory, and contractual requirements. The State will take appropriate corrective action and apply sanctions as necessary to enforce the preference program. Any questions regarding TACPA preference should be directed to the Department of General Services, Procurement Division at [Tacpa@dgs.ca.gov](mailto:Tacpa@dgs.ca.gov)

## **DISABLED VETERAN BUSINESS ENTERPRISE INCENTIVE INFORMATION (DVBE)**

### **DVBE PARTICIPATION REQUIREMENTS**

The Department elects to waive the DVBE program requirements in this solicitation but opts to include the DVBE Incentive. To be considered for the incentive, bidders must complete and return the Bidder Declaration GSPD-05-105 (03/15), the DVBE Declarations, STD. 843 (5/2006), and signed, written confirmation (described below). The California DVBE Bid Incentive Instructions (09/03/09) include information about the DVBE incentive.

Supplier agrees to provide verification, in a form agreed to by the state, that DVBE subcontractor participation under this agreement is in compliance with the goals specified at the time of award of contract/purchase order, or with any subsequent amendment.

### **DVBE COMPLIANCE AND VERIFICATION**

#### **Written Confirmation:**

A written confirmation from each DVBE subcontractor identified on the Bidder Declaration must be provided. The written confirmation **must** include the solicitation number and be signed by the Bidder and DVBE subcontractor(s). The written confirmation shall include but is not limited to the DVBE scope of work, work to be performed by the DVBE, term of intended subcontract with the DVBE, anticipated dates the DVBE will perform required work, rate and conditions of payment and total amount to be paid to the DVBE.

Failure to submit signed confirmations shall render the bid non-responsive. If further verification is necessary, the state will obtain additional information to verify compliance with the above requirements.

### **DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS (STD. 843):**

Per the Military and Veterans Code Section 999.2, this form must be completed and signed by all disabled veteran owner(s) and disabled veteran manager(s) when a DVBE contractor or subcontractor will provide materials, suppliers, services or equipment. The completed form should be included with the bid response.

At the State's option prior to award, bidders may be required to submit additional written clarifying information. Failure to submit the requested written information as specified may be grounds for bid rejection.

### **DVBE PARTICIPATION REPORTING REQUIREMENTS**

If for this Contract the Contractor made a commitment to achieve the disabled veteran business enterprise (DVBE) participation goal, then, pursuant to Mil. & Vets. Code § 999.5(d), upon completion of this Contract, the Department requires the Contractor to certify using the Prime Contractor's Certification – DVBE Subcontracting Report ([STD 817](#)), all of the following:

- (1) the total amount the prime Contractor received under the Contract;
- (2) the name, address, Contract number and certification ID number of the DVBE(s) that participated in the performance of this Contract;
- (3) the amount and percentage of work the prime Contractor committed to provide to one or more DVBE(s) under the requirements of the Contract and the total payment each DVBE received from the prime Contractor;
- (4) that all payments under the Contract have been made to the DVBE(s);
- (5) the actual percentage of DVBE participation that was achieved. Upon request, the prime Contractor shall provide proof of payment for the work.

If for this Contract the Contractor made a commitment to achieve the DVBE participation goal, the Department will withhold \$10,000 from the final payment, or the full final payment if less than \$10,000, until the Contractor complies with the certification requirements above. A Contractor that fails to comply with the certification requirement shall, after written notice, be allowed to cure the defect.

Notwithstanding any other law, if, after at least 15 calendar days but not more than 30 calendar days from the date of written notice, the prime contractor refuses to comply with the certification requirements, the Department shall permanently deduct \$10,000 from the final payment, or the full payment if less than \$10,000. (Mil. & Vets. Code § 999.7)

A person or entity that knowingly provides false information shall be subject to a civil penalty for each violation. (Mil. & Vets. Code § 999.5(d); Govt. Code § 14841)

Contractor agrees to comply with the rules, regulations, ordinances, and statutes that apply to the DVBE program as defined in Section 999 of the Mil. & Vets. Code, including, but not limited to, the requirements of Section 999.5(d). (PCC Code § 10230).

### **DVBE SUBCONTRACTOR SUBSTITUTION**

The supplier understands and agrees that should award of this contract be based in part on their commitment to use the DVBE subcontractor(s) identified in their bid offer, per Military and Veterans Code section 999.5 (e), a DVBE subcontractor may only be replaced by another DVBE subcontractor and must be approved by the Department of General Services (DGS). Changes to the scope of work that impact the DVBE subcontractor(s) identified in the bid or offer and approved DVBE substitutions will be documented by contract amendment. Failure of Contractor to seek substitution and adhere to the DVBE participation level identified in the bid or offer may be cause for contract termination, recovery of damages under rights and remedies due to the State, and penalties as outlined in M&VC section 999.9; Public Contract Code (PCC) section 10115.10.

### **SPECIFICATION COMPLIANCE**

The bidder must indicate below if the product or products offered on this bid complies in all respects with the attached specifications. YES\_\_\_\_NO\*\_\_\_\_

If the bidder has indicated that the product offered does not comply in all respects with the attached specifications, they are to list below, in detail, any and all deviations.

*\*If the product does not comply you may request modifications, revisions or possible alternatives to be reviewed PRIOR to the bid submission date by submitting your request to the Procurement Official. Any deviations listed below may cause your bid to be deemed non-compliant.*

### **LIST DEVIATIONS:**

### **RESPONSE CHECKLIST**

The following checklist identifies the applicable items that must be completed and returned in order to be evaluated for award:

- ☐ All Addendums (if applicable)
- ☐ This Signed complete Invitation for Bid document (with all fill-in spaces completed)
- ☐ Invitation for Bid Pricing Sheet
- ☐ Questionnaire
- ☐ Caltrans In-Shop Warranty Agreement
- ☐ Certificates, etc. (if requested)
- ☐ Manufacturer's Product Literature (if requested)
- ☐ California sellers permit information
- ☐ Payee Data Record (STD. 204)
- ☐ Postconsumer Content Certification Form (CIWMB 74)
- ☐ Bidder Declaration Form (GSPD-05-105)
- ☐ Darfur Contracting Act Certification
- ☐ Iran Contracting Act Certification (solicitation over \$1,000,000.00 ONLY)
- ☐ California Civil Rights Laws Certification (solicitation over \$100,000.00 ONLY)

Failure to return any of these items with your bid response may result in your bid being considered non-responsive.

The following items must be returned with the bid response only if your intention is to claim the applicable bidder preference, if you are not claiming the preference you are not obligated to fill out and/or return any of the following forms.

- ☐ Commercially Useful Function (CUF)(ADM-3025)
- ☐ Disabled Veteran Business Enterprise Declarations (STD. 843).
- ☐ TACPA Preference Act, Request (Std. 830).
- ☐ TACPA Manufacturer's Summary, (DGS/PD 525) for goods only.
- ☐ TACPA Bidder's Summary, form (DGS/PD 526)

Note: The State makes no warranty that the checklist is a full and comprehensive listing of every requirement specified in the IFB. Checking off the items on the checklist does not establish your firm's intent nor does it constitute responsiveness to the requirement(s). The checklist is only a tool to assist participating bidders in compiling their final bid response. Bidders are encouraged to carefully read the entire IFB. The need to verify all documentation and responses prior to the submission of final bids cannot be over emphasized.

## **BID SUBMISSION INSTRUCTIONS**

This document is intended to assist bidders with standard instructions for how and where to submit a bid. The state makes no warranty that following these instructions will ensure a compliant submission. Bidders are required to carefully read the solicitation document and adhere to any other submission requirements. If there is a question regarding how to submit a bid, contact the Procurement Official listed on the first page of the solicitation document for assistance.

Bidders are required to submit a complete **Bid** by the due date and time identified in this solicitation.

**Note:** Bidders must be registered in Cal eProcure as a Vendor in order to receive an awarded PO without the risk of additional processing time. To award a PO to a bidder that is not registered in Cal eProcure as a Vendor requires the upload of a Payee Data Record (STD. 204). For more information, go to Cal eProcure [website](#)

## **BID SUBMISSION**

For evaluation purposes, the bid shall be complete and include all of the required bid submittals including all addendums in order to be deemed responsive to the bid requirements. If the bid response is incomplete and/or includes discrepancies, you may be deemed non-responsive and subject to the rejection process.

### **States Own Bid Form:**

Only bids quoted on the State's own bid form will be considered. Bids submitted referencing supplier attachments which include legal terms and conditions that conflict with the State's General Provisions shall be considered non-responsive and such bids may be rejected.

**Note: ONLY ONE BID RESPONSE MAY BE SUBMITTED IN EACH EMAIL**

### **BID SUBMITTAL**

Bids must be received by the bid due date and time. Bids received after this date and time will not be considered.

**At this time only emailed bids will be accepted.**

The completed bid response shall be submitted by email as follows:

- Email bids **only** to DOE Bid Submittals [DOE.Bid.Submittals@dot.ca.gov](mailto:DOE.Bid.Submittals@dot.ca.gov)
- Only bids received to this mailbox will be considered. Bids shall not be sent to any other mailbox.
- Email should clearly identify in the Subject Line "**Bid Response for IFB 32-12-6633**"
- Emails will not be opened by the Procurement Official until the required bid due date and time.

Paper or Faxed bids will not be accepted for this solicitation.

### **PUBLIC BID OPENING**

Public Bid Openings will be conducted by conference call on the date and time listed above. You may join the conference call by dialing the number below up to five minutes prior to the bid opening time.

**Phone: 1-408-418-9388 Participant code: 24958677890##**

### **BID RESULTS NOTIFICATION**

If you would like to receive notification of the bid results or Intent to Award Notification, please email Procurement Official with your request.

## INVITATION FOR BID PRICING SHEET

| SUPPLIER NAME:                                                                                               |     |      |                |                                                                                                                                                                                                                                                                                       | SOLICITATION NO.<br><b>IFB 32-12-6633</b> | REVISION NO. |
|--------------------------------------------------------------------------------------------------------------|-----|------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------|
| ITEM NO.                                                                                                     | QTY | UNIT | COMMODITY CODE | DESCRIPTION                                                                                                                                                                                                                                                                           | UNIT PRICE                                | EXTENSION    |
| 1                                                                                                            | 100 | EA   | 25181605       | <b>Body, Roll-Off, 4-Cubic Yard Dump per State of California Specification 80201-446-261</b><br><br><b>"Ship To"</b><br><br><b>EQUIPMENT RECEIVING, STORAGE YARD</b><br><br><b>4338 DUDLEY BLVD.</b><br><br><b>MCCLELLAN PARK, CA 95652</b><br><br><br><br><b>CT STK NO. 071-1624</b> | \$ _____                                  | \$ _____     |
| <div>Total Price for all line items: \$ _____</div> <div>Proposed Brand: _____</div> <div>Model: _____</div> |     |      |                |                                                                                                                                                                                                                                                                                       |                                           |              |

**STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION  
DIVISION OF EQUIPMENT**

SPECIFICATION NUMBER: 80201-446-261

SPECIFICATIONS FOR: BODY, ROLL-OFF, 4-CUBIC YARD DUMP

PURCHASE ESTIMATE NUMBER: 32-12-6633

It is the intent of this specification to describe the minimum requirements for a roll-off, tub-style, four (4) cubic yard capacity, end dump body.

The body shall be supplied per drawings as a complete, welded, working assembly free from any defects that would hinder its appearance or serviceability.

The vendor shall have a minimum of 2 years' experience doing similar work. References may be required prior to award of a purchase order to establish the vendor's credentials to complete this work. If the buyer is not convinced of the vendors credentials their bid may be deemed unacceptable and the next lowest compliant bidder will be awarded the contract.

Only technical changes authorized by the Division of Equipment Specification Engineer in writing will be accepted. Technical changes made by any other Division of Equipment, Caltrans or State employees will not be accepted. Any interpretation of the technical drawings or specifications shall only be provided by the Specification Engineer in writing. On its sole discretion, it is the State's right to accept or decline any product offered as equivalent to any reference product in this specification or drawings. Bidders should submit all documentation supporting their request to use alternate products or the referenced product may be denied.

The unit shall comply with Caltrans Equipment Quality Standards for Electrical, Welding, Paint and Coatings as defined at: <https://dot.ca.gov/programs/equipment>.

**NOTE:** Installation of the body on the truck cab chassis will be performed by State personnel and is not a part of this Specification.

## **TECHNICAL SPECIFICATIONS**

The following State of California, Department of Transportation, Division of Equipment drawings form a part of this specification:

| <u>Drawing Set</u>    | <u>Description</u>                                      |
|-----------------------|---------------------------------------------------------|
| 08-001667 (Pg. 1-5)   | 4-Yd. Roll-Off Dump Body - Body Assembly                |
| 08-001668 (Pg. 6-22)  | 4-Yd. Roll-Off Dump Body - Body Weldment                |
| 08-001664 (Pg. 23-40) | 4-Yd. Roll-Off Dump Body - 2019 Ladder Assy             |
| 061703 (Pg. 41)       | 6.5" Stainless Steel Spring Bolt                        |
| 06-000237 (Pg. 42-44) | 4-Yd. Roll-Off Dump Body - Roll-off Wheel Components    |
| 06-000238 (Pg. 45-46) | 4-Yd. Roll-Off Body - Driver Rear Corner Post Sub-Assy  |
| 06-000239 (Pg. 47-48) | 4-Yd. Roll-Off Body - Psgr. Rear Corner Post Sub-Assy   |
| 06-000241 (Pg. 49-57) | 4-Yd. Roll-Off Dump Body - Body Tailgate Assembly       |
| 06-000242 (Pg. 58)    | 4-Yd. Roll-Off Dump Body - Storage Leg                  |
| 06-000255 (Pg. 59-61) | 4-Yd. Roll-Off Dump Body - Weld Sub-Assy, 4CY Headboard |
| 08-001669 (Pg. 62-68) | 4-Yd. Roll-Off Dump Body - Weldment Driver Side Panel   |
| 08-001670 (Pg. 69-78) | 4-Yd. Roll-Off Dump Body - Weldment Psgr. Side Panel    |
| 06-000275 (Pg. 79-87) | 4-Yd. Roll-Off Dump Body - Guide Pin Assembly           |
| 05-000206 (Pg. 88-90) | 4-Yd. Roll-Off Dump Body - Guide Pin Assembly           |
| 05-000213 (Pg. 91-92) | 4-Yd. Roll-Off Dump Body - Roller Assy                  |
| E1-D134-01 (Pg. 93)   | Bracket, Pivot, Amber Flasher                           |
| E1-D194-01 (Pg. 94)   | Shovel Holder, Weld-on                                  |
| 04-000310 (Pg. 95)    | 4-Yd. Roll-Off Dump Body - Sub-Assy. Tailgate Top Pin   |
| 054175 (Pg. 96)       | Tailgate Apron - 4-YD Dump Body                         |

1. **BODY**: The body shall be a roll-off "tub style" design per supplied drawings with a 4-cubic yard capacity.

- a. **DIMENSIONS** (per drawings):

The nominal interior body dimensions are as follows:

Width: 84 inches, per drawings.

Length: 132 inches, per drawings.

Height: The sidewall height as shown provides an approximate water level capacity of 4 cubic yards.

The nominal exterior body dimensions are as follows:

Width: 96-3/8 inches.

Length: 147-7/8 inches overall.

- b. MATERIALS: The body, except as otherwise noted herein and on the supplied drawings, shall be fabricated from 3/16-inch steel plate (sheet) with a minimum yield strength of 145,000 PSI and a Brinell Hardness Number (BHN) of 400 (Ref: AR-400 (Hardox) steel); and, ASTM A-36 and ASTM A572 HSLA steel of the specified shape(s) and thickness.
- c. CONSTRUCTION: The body shall be a complete electrically welded assembly and be absent of any holes, voids, etc., which would allow the body to leak. The unit is designed to shed spilled material and not allow build-up. **All** sharp edges shall be deburred. Lifting eyes, loops, etc. shall be supplied for hoisting the body from overhead; two at the front and two at the rear of the body; per drawings.
- d. FLOOR: The floor shall be fabricated from a single piece of 3/16-inch AR-400 steel plate (sheet), with a minimum yield strength of 145,000 PSI and Brinell Hardness Number (BHN) of not less than 400; and shall be continuously welded to the body sidewalls and front panel.
- e. SIDEWALLS: The top of the sidewalls and the boxed sections are designed to shed spilled material and not allow material build-up. The sidewalls shall be constructed from 3/16-inch AR-400 steel plate (sheet); a top rail from 3-inch square x 3/16-inch wall steel tube; and box-section fenders fabricated from 3/16-inch and 10-ga. steel sheet. The sidewalls shall be continuously welded to seal the boxed sections with the sides and the sides with the floor. The boxed sections shall be capped at the ends with 10ga. steel sheet. NOTE: No provisions for sideboards shall be provided.

The exterior surfaces of the sidewalls shall be free of mill scale, etc., such that the surface presents an acceptable appearance after finish painting.

- f. FRONT PANEL: The front panel shall be approximately 15-inches higher (per drawings) than the sidewalls, and be constructed from 10-ga. steel sheet. The front panel perimeter shall be reinforced with 2½-inch x 2½-inch x 3/16-inch steel tube. One full-width horizontal stiffener fabricated from 2-inch x 2-inch x 3/16-inch steel tube shall also be provided. The stiffeners shall be positioned and welded to the front panel as shown on the drawings.

A cut-out shall be provided in the front panel. This cut-out shall extend into the panel approximately 10 inches, and be approximately 31 inches wide. This area is 'boxed' and provides clearance for a winch located on the truck chassis.

As mentioned, the top and sides of the front panel shall be boxed for stiffness with 2½-inch sq. x 3/16-inch wall steel tube. All boxed section ends shall be capped and sealed.

- g. CORNER POSTS: There shall be a corner post at each rear corner of the body. The posts shall be 6-inch x 3-inch x 3/16-inch HSS (hollow structural steel tubing) per drawings and be approximately the same height as the tailgate when installed.

Openings for lights, electrical wiring, tail gate latches, keyholes, etc. shall be per drawings and as described below in the LAMP MOUNTING HOLES section. A wiring loom clip (Truck-Lite #97913) and ¼-20 ground wire stud shall be installed in each corner post as shown on the drawings.

The rear corner posts shall be welded to the rear crossmember, sidewalls, sidewall top rail section, and fenders.

- h. SILLS: The sills consist of two (2) longitudinal members extending the full length of the body. The longitudinal members shall be 8-inch x 2-inch x 3/16-inch wall rectangular structural steel tubing, and be constructed from a single piece of material (tubing). The longitudinal members shall be welded to the floor of the body and the rear crossmember per drawings.
- i. TAILGATE: The tailgate shall be top-hinged, approximately the same height as the body sidewalls, and be mounted vertically. The tailgate shall pivot (hinge) at the top for conventional dumping; and shall open to a horizontal or vertical position when the top hinge pins are removed to allow dumping of large pieces of material.

The inner surface panel of the tailgate shall be constructed from 10-ga. steel sheet. The full perimeter of the tailgate shall be boxed as shown on the drawings for reinforcement; shall be continuously welded; and designed to shed spilled material. All boxed section ends shall be capped and sealed.

The exterior surfaces of the tailgate shall be free of mill scale, etc., such that the surface presents an acceptable appearance after finish painting.

The upper tailgate hinges shall be fabricated from ½-inch steel plate, and the upper tailgate pins will be 1¼-inches in diameter. The tailgate, body, and hinges shall be constructed and mounted with sufficient tolerances to allow easy removal and replacement of the pins with simple hand tools, and to allow the operator to swing the tailgate from the upper hinges.

The lower latch pins shall be fabricated from 1-inch diameter steel bar and located as shown. The lower latches shall be fabricated from ½-inch steel plate, be an over-center design, independently adjustable, and air powered. The air chambers to operate the latches shall be air open, spring close, and operated from inside the truck cab. The air chambers shall be located such that they are protected by the body and have air fittings oriented inbound towards the center of the truck. Screw-in plugs shall be provided in all open ports.

NOTE: Plumbing and controls for air chambers shall be supplied and installed by State personnel.

The tailgate, in the closed and latched position, shall fit flush against the body such that there is not more than 1/16-inch gap between the inside face of the tailgate and the body.

A hinged lifting eye (D-ring) shall be provided at the top inside of the tailgate for removal and installation. The eye shall be of adequate strength to support the full weight of the tailgate, and located such that the tailgate is balanced when lifted.

Chain "keyholes" shall be located on the exterior of the tailgate in two locations as shown on drawings.

There shall be a 5/16-inch grade 70 alloy chain (zinc yellow chromate finish) attached to each rear corner post via a weld-on pad eye and 5/16-inch Twin Clevis Link; Ref. Crosby Model S-249, Stock #1012861. The chains shall be 48 inches (minimum) in length and the free end inserted in the tailgate keyholes described above to hold the tailgate at any desired angle while hanging from the top hinges (Ref.: Dwg. No. 08-001667, Sht. 1 of 5). NOTE: The chain shall not be welded.

- j. FENDERS: Fenders (previously mentioned in Specification section 1.e. SIDEWALLS) shall be constructed from 10-ga. steel sheet, full length, and be continuously welded as shown on drawings.
  - k. ROLL-OFF WHEELS: Two roll-off wheels shall be furnished and installed per Drawing No. 06-000237.
  - l. LEG ASSEMBLY: Two leg assemblies shall be furnished and installed per Drawing No. 06-000242. Legs are used for storage purposes.
  - m. ROPE HOOKS: Eight (8) rope hooks shall be installed, four (4) on each side of the body (Ref. Eberhard #166A or equivalent). Hook spacing shall be per drawing.
  - n. FOLDING LADDERS: Two folding ladders, one each side, shall be fabricated and installed as shown on Drawing No. 08-001664.
  - o. TAILGATE APRON: One tailgate apron is required, per Drawing No. 054175. Ship loose in Dump Body with hardware, other parts, and components.
2. LAMP MOUNTING HOLES: Holes shall be provided for mounting two side clearance lamps; two rear clearance lamps; and two combination tail, stop, and directional signal lamps. Holes for lamps shall be located per drawings and shall be formed by automated means, punched, plasma, or saw cut and finished smooth, hand torch cutting is unacceptable.

State of California personnel shall supply and install lamps and grommets; vendor shall provide all necessary mounting holes as follows:

- a. Side clearance lamps will be Truck-Lite Series 10. The holes for these lamps shall be 2-13/16-inch diameter.
- b. Rear clearance lamps will be Truck-Lite Series 10. The holes for these lamps shall be 2-13/16-inch diameter.

- c. Rear combination tail, stop, and directional signal lamps will be Truck-Lite Series 44. The mounting holes for these lamps shall be 4½-inch diameter.

3. MISCELLANEOUS:

- a. The dump bodies shall be delivered as a completely assembled working unit for the use intended as indicated on the drawings and in the specifications.
- b. The supplier shall obtain the State's consent for any modifications or alterations in the design or materials used in the construction of the unit which vary from the drawings or specifications. Contact the Department of Transportation, Division of Equipment, Specification Engineer to obtain consent for any alterations.
- c. All bodies shall be delivered with the tailgate closed. The tailgate shall be secured in this position via the tailgate latches.
- d. All loose parts and components shall be boxed or palletized, labeled, and supplied with each individual body.
- e. All air ports (in tailgate air cylinders and brake chambers) shall be supplied with screw-in plugs installed in the ports to prevent entry of water or other debris.

4. WELDING: All welding shall comply with the requirements as represented in American Welding Society (AWS), D14.3-82, and American National Standard entitled "Specification for Welding Earthmoving and Construction Equipment."

All welds shall be continuous except as noted. Intermittent or spot welds shall be spaced and proportioned to provide ample strength for the material being welded. Weld sizes not indicated shall be equal to the thickness of the least of the joined plates.

All welds shall be properly fused, displaying proper penetration and a professional finish, and must meet the qualification requirements of applicable AWS specifications. Examples of unacceptable weldments are:

- |             |                       |
|-------------|-----------------------|
| a. Cracks   | d. Excessive Splatter |
| b. Undercut | e. Blow Holes         |
| c. Overlap  | f. Slag Entrapment    |

Any weld failing to comply with the AWS specification or failing to pass a quality assurance inspection performed by the State, will be corrected by the manufacturer, at their expense, and be corrected off State property. The State shall determine if a weld is acceptable or deficient.

Any deficient weld shall be corrected by a welder who is certified in accordance with the requirements as established by the American Welding Society (AWS). The welder shall

have the proper certification documents indicating that he/she is qualified to perform the type, size, and position of the weld performed, with the welding process utilized, and on the material being welded. The supplier will be required to supply proof of current welding certifications for personnel performing any re-welding on the unit, upon request of the State whether written or verbal.

**GRINDING OF WELDS** must have prior approval of the Department of Transportation, Equipment Service Center, Equipment Specifications. Welds which have been ground without approval shall be subject to complete re-welding upon request, at no additional cost to the State.

All assembly dimensions and tolerances on drawings apply after welding. Excessive warpage of assembled parts is not acceptable. Weld symbols on drawings shall be interpreted per American National Standard Welding Symbols. In the event of the lack of a weld symbol, the best commercial practice shall prevail. The covering of welds with body fillers or similar materials is unacceptable

5. **MATERIAL:** Construction shall be of all new material free of rust and any defects. All components in the assembly shall be fabricated from a single piece of material. Material which is joined by welding or other means to form a single piece of stock is not acceptable. The finished product shall be free of dents and warpage. The use of any type of body filler is unacceptable. Unless otherwise noted, all bolts shall be Grade 5 or better and conform to SAE and ASTM standards. Bolt lengths shall be such that a minimum of two threads shall extend beyond the nut. Nuts shall be the locking type. Nuts and washers shall be compatible with the bolt(s) to which they are attached, as recommended by the fastener manufacturer and in accordance with SAE and ASTM standards. If requested, the supplier shall submit proof of fastener strengths.
6. **FABRICATION:** The body, and tailgate in particular, shall be fabricated in such a manner that all critical dimensions are uniform and consistent from one unit to another (i.e. – using tooling, fixtures, jigs, etc.). The tailgates shall be manufactured so that they are interchangeable from one body to another. A tailgate shall not be “custom fit” such that it will only fit on the body to which it was paired.

The State reserves the right, prior to award of Purchase Order, to inspect a potential supplier’s manufacturing facility to ensure the manufacturer is a “responsible contractor.” Such inspection would include, but not be limited to: scheduling, production capability, manufacturing procedures and processes, and documentation.

7. **METAL SHAPING:** All breaks shall be free of cracks. Radii shall be at least twice the thickness of the material or in accordance with the requirements established by ASTM for the particular material being formed, whichever is greater. All holes shall be round, of the proper dimension, perpendicular to the material they are produced in, and finished smooth. Oblong holes or holes drilled, bored, etc. at angles are not acceptable. Holes and slots shall be done by automated means, drilled, or punched; hand torch cutting is unacceptable. Sharp edges and corners on all material shall be radiused to prevent personnel injury. This includes expanded metal.

8. COATING (PAINT & PRIMER):

All coating materials shall be lead-free, less than 300 PPM.

Caltrans Equipment Quality Standards at [www.dot.ca.gov/programs/equipment](http://www.dot.ca.gov/programs/equipment) shall apply. See website for approved coatings and other requirements, ex: minimum required dry film thickness.

Metal and other surfaces to be protected shall be completely coated as checked (X) below:

- ☒ Primer and Topcoat (powder coat)
- ☐ Primer and Topcoat (paint or powder coat)
- ☐ Primer only (paint)
- ☐ Special instructions:

Metal surfaces inaccessible to primer coat after assembly (ex: overlapping and hidden surfaces) shall be cleaned and treated with weld-through primer before welding, Ref: SEM #40793 Copperweld or SEM #40773 Zincweld.

Plastic, composites, rubber, decorative finishes, mechanical surfaces (ex: gears, pins, pin holes, plow cutting blades) may be factory standard finish. Unless otherwise noted, stainless steel and aluminum may remain factory standard finish.

Primary color finish for units on this order shall be as checked (X) below,

- ☐ Factory standard color
- ☐ Black color
- ☒ Fleet White or equivalent color
- ☐ Primer (Gray or neutral color)
- ☐ See Equipment Quality Standards for color scheme

**STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION  
DIVISION OF EQUIPMENT**

SPECIFICATION NUMBER: 80201-446-261

SPECIFICATIONS FOR: BODY, ROLL-OFF, 4-CUBIC YARD DUMP

PURCHASE ESTIMATE NUMBER: 32-12-6633

**ADMINISTRATIVE REQUIREMENTS**

Prior to award of the purchase order, all questions, changes and/or clarifications regarding the specification or the administrative requirements shall be submitted to the buyer. The buyer will coordinate all questions and answers, documenting the official State responses in writing via addendum. Any verbal answers, approval of change requests, or any deviations from any requirement within this bid package are not valid.

A post-award meeting may be conducted at the California Department of Transportation, Division of Equipment Headquarters office located at 34<sup>th</sup> Street and Stockton Blvd., Sacramento, CA 95816 with the successful vendor and pertinent Department of Transportation personnel following award. In lieu of a meeting as described, a telephone conference may be scheduled if it is deemed sufficient by the parties involved. The meeting or phone conference will consist of an outline of the successful vendor's timeline for manufacturing the bodies, purchase or manufacture of miscellaneous components, and schedule for inspection of the first unit/pre-production model. The meeting will offer an opportunity to ask any questions the supplier may have, and cover the inspection, acceptance, and delivery process.

1. **SAFETY**: The entire unit and accessories shall comply with the applicable provisions of the California Vehicle Code, the Safety Orders of the Division of Industrial Relations, and all Federal regulations in effect at the time of manufacture.
2. **WORKMANSHIP**: The equipment and any accessories shall be a product of good workmanship and shall be free from any defects that will affect their appearance or serviceability.
3. **WARRANTY**: The unit and any optional accessory shall be free from defects in workmanship and materials and be covered (parts and labor) under warranty for one (1) year following the date the Department of Transportation (Caltrans) puts the unit into service. Caltrans will notify the supplier by mail of the in-service date.

A copy of the manufacturer's standard and or extended warranty for the unit, any accessory, optional equipment, and components shall be supplied with each unit at delivery, or upon request. The manufacturer will be held responsible for warranty (commencing from the date Caltrans puts the unit into service) if the supplier is no longer an authorized dealer of the equipment supplied. Under this circumstance, the

manufacturer will be held responsible for the balance of the manufacturer's standard and/or extended warranty. The manufacturer shall establish a fully operational warranty service provider with capabilities equal to or exceeding the supplier's (or their designated warranty provider) within 45 days of the supplier's authorized dealer termination.

The contractor shall ensure that all additional manufacturer's full warranties and warranty periods for units and purchased parts, components, and products, whether installed or delivered as loose equipment, are transferred to Caltrans so that Caltrans receives the full benefit of those warranties as offered by the manufacturer. The warranty shall begin on the date that Caltrans puts the unit into service.

All warranties for major components must be provided by the manufacturer of that product. No third-party warranties will be accepted. The bidder must be the manufacturer or manufacturer's authorized representative and must agree to the warranty conditions stated herein. There must be a factory authorized warranty service provider in the State of California or the bidder may not be awarded the contract.

An In-Shop Warranty agreement (see attached), signed by the supplier or manufacturer, shall be supplied prior to award. Caltrans, at its option, may perform warranty work under the terms of the In-Shop Warranty agreement.

Upon prior approval with Caltrans and in compliance with all Caltrans Policies and Procedures, warranty work may be performed at a Caltrans facility. The supplier may use a traveling mechanic to perform the warranty work. The supplier will be responsible for all associated costs (travel time, overtime, per diem, etc.).

For questions regarding the warranty or In-Shop Warranty agreement contact the Warranty Coordinator (listed on PO contact sheet) or the Buyer.

4. PRINTS: Drawings are supplied electronically with the bid in pdf format. Any hard copies required for estimation, fabrication or sub-contractor communication will be the supplier's responsibility.

The supplier will have 30 calendar days after receipt of the purchase order to review the submitted Drawings. If the supplier finds any discrepancies with the drawings, the supplier shall notify the Department of Transportation, Equipment Specification's engineer. If the supplier fails to notify the Department of any discrepancies with the drawings within this time frame, the supplier will be responsible for all costs involved in correcting the discrepancies on the units bid, as deemed acceptable by the Department.

5. IN-PROCESS REVIEW: The unit(s) may require an in-process review to verify timely progress of the unit(s), and to resolve any technical issues that may arise. If there are any questions regarding the intent of the specifications or drawings, contact the "Specification Engineer" as indicated on the Contact Information page provided with

the Purchase Order. The necessity for an in-process review will be determined by the State and will be coordinated by the Specification Engineer. Any in-process review conducted within the State of California will be at State expense and will not constitute acceptance of the unit(s).

6. INSPECTION: This order will require a three (3) phase inspection process. For all inspections the unit(s) will be serviced, washed and ready for, as applicable, inspection or delivery. Inspections will begin within ten (10) working days from the date of the inspection request by the supplier. It is the supplier's responsibility to contact the Equipment Materiel Coordinator listed on the PO contact sheet for inspections. All Pre-delivery Inspection(s) shall be conducted at the same location.

**FIRST PHASE (PRE-COMPLETION INSPECTION):** The first production unit of the series of units on this order shall be fully operational in accordance with the specifications and drawings, including all requested items and sub-components. Arrangements for inspection of the first production model shall be made when the unit is completely assembled but the work does not need to be 100% complete (e.g. needs final painting, hoses and wiring not protected, etc.).

The pre-production unit inspection shall be conducted at Caltrans Division of Equipment HQ in Sacramento, California. Inspection at this location is required so the body can be 'mated' to a Roll-off Lift Frame fixture to ensure proper fit and function. For this inspection, supplier shall arrange for the first unit to be shipped to: Caltrans Division of Equipment, ATTN: Equipment Receiving, 1920 - 35<sup>th</sup> Street, Sacramento, CA 95816. Cost for shipping the unit (including return shipping for rework); and any travel costs related to the supplier's and/or manufacturer's personnel attending the inspection shall be included in the bid.

Upon receipt of first unit, Caltrans Division of Equipment, Quality Assurance personnel will inspect the unit for compliance with the drawings, including but not limited to dimensional correctness, parts configurations, welding, fit and finish of assembly, etc.

The supplier shall provide a qualified, factory authorized, service representative to attend the pre-completion inspection, as well as the pre-delivery inspections (second phase), to answer all questions regarding construction; system design and function; to demonstrate all operations and functions; and to make any necessary adjustments to the units. In addition to the Supplier's service representative, the body manufacturer may wish to provide an engineer or other technical representative to assist the supplier's representative and answer questions.

On units where relative or interacting motions exist, these shall be demonstrated within the full range of movement (e.g., plow moldboard and push frame; brake components, dump body, tailgate, and subframe).

The State is not responsible for component parts or details that have been pre-cut or pre-formed for final assembly of the remaining units prior to the design approval of the first production unit.

The supplier shall receive a copy of the inspection report within four (4) working days of the inspection indicating that the first unit is either acceptable or not acceptable. Unacceptable or non-compliant items will be listed on the report. If late delivery charges accrue, the supplier will not be held responsible for those days from the request of the inspection to the receipt of the inspection report.

Additionally, where applicable, the supplier shall complete and sign the supplier pre-delivery inspection (PDI) form and the supplier shall note the appropriate Purchase Order Number and Line Item on each form.

If additional interim inspections are required, such inspection trips shall be at the expense of the supplier at \$75.00 per hour (including travel time) and all expenses (meals, lodging, and cost of transportation). Travel expenses will be documented on State of California, Department of Transportation, Travel Expense Claim Form, FA302. These fees may be deducted from the invoice.

After inspection and acceptance by the State, the first production unit or pre-production model shall be the criteria or basis for acceptance of the balance of the delivery. This will not constitute final acceptance of each unit remaining on the Purchase Order.

**SECOND PHASE (PRE-DELIVERY INSPECTION):** In accordance with the State Administrative Manual, Section 4123, each unit will be inspected prior to shipment to the destination on the purchase order. This inspection trip(s) shall be State financed at no cost to the supplier when it is within the state of California. Out of state inspections may only be included in the bid when the requirements are included in this specification.

Arrangements for pre-delivery inspections shall be made only when a minimum of five units are complete. Each unit shall be identified with the applicable Purchase Order and Line Item. If corrections are needed as a result of the inspection, the corrections shall be made prior to shipment to the purchase order destination. Authorization to deliver unit(s) must be granted by the Department of Transportation, Division of Equipment, Quality Assurance Section.

If additional interim inspections are required, such inspection trips shall be at the expense of the supplier at \$75.00 per hour (including travel time) and all expenses (meals, lodging, and cost of transportation). Travel expenses will be documented on State of California, Department of Transportation, Travel Expense Claim Form, FA302. These fees may be deducted from the invoice.

**PRE-COMPLETION AND PRE-DELIVERY INSPECTION LOCATION:** The inspections shall be conducted by the Department of Transportation, Division of Equipment, Quality Assurance. These inspections shall take place at an adequate site provided by the vendor within the State of California. The inspection site shall meet all of the following criteria:

- a. The site shall not be the Purchase Order delivery destination. The site shall be secure and zoned for commercial use.
- b. The site shall include electricity, lights, water, compressed air and a secure paved lot. The facilities shall also include lift equipment adequate to raise the units and support them on safety stands with a minimum of 36 inches of tire clearance. The supplier shall provide conditions which meet the safety standards of CAL-OSHA and Title 8 of the California Code of Regulations.
- c. The adequacy of the site shall be determined by the Department of Transportation, Division of Equipment, Quality Assurance Section. Contact the Quality Assurance Chief listed on the PO contact sheet for approval.
- d. If the facility is deemed unacceptable by the Department of Transportation, Division of Equipment, Quality Assurance Section, the vendor shall be billed for the inspection trip including wages and expenses. This cost shall be deducted from the purchase order payment.

If the facility is deemed unacceptable by the Department of Transportation, Division of Equipment, Quality Assurance Section, the vendor shall be billed for the inspection trip including wages and expenses. This cost shall be deducted from the purchase order payment.

**THIRD PHASE (FINAL INSPECTION):** Each unit will have a final inspection at its delivery destination shown on the Purchase Order to verify acceptability. The State will have five (5) working days after delivery of a unit to conduct the final inspection of said unit. Units delivered to the final Purchase Order destination will be accepted only when all Purchase Order requirements have been met, any shipping damages have been corrected, and all required documents are received by the Department of Transportation, Division of Equipment, Equipment Receiving. These documents include, as applicable, the invoice, vehicle registration documents, parts book, operator's manuals, service manuals, lubrication instructions and charts, warranty information, certifications, questionnaires, etc. Units which are not accepted by the delivery date on the Purchase Order will be considered delivered late.

If the supplier receives notice that the unit(s) is not acceptable in writing, the unit(s) shipped to the Purchase Order destination shall be removed within seven (7) calendar days. If the supplier fails to remove said unit(s) from the State's facilities within the specified period, the State may forward said unit(s) to the supplier by common carrier at the supplier's expense and risk.

7. **OUT OF STATE TRAVEL:** *If the supplier's inspection facility is not within the State of California*, the bidder should include in the bid price all expenses as listed below for inspection trip(s) for each person (up to 4 persons) as outlined in the inspection section of the specifications and as follows:

- Airlines and vehicle reservations will be made through the State of California travel service provider TravelStore. <https://caltravel.ciazumano.com/>
- State employees assigned to travel will submit a Travel Expense Claim (TEC) to cover expenses for lodging, meals, per diem, incidentals; and, ground transportation including mileage, tolls, parking, etc. to and from the airport at Sacramento, California, for each full workday at the supplier's designated facility. Expenses will be charged in accordance with Caltrans Division of Accounting, Travel Reimbursement Guidelines as shown on <https://dot.ca.gov/programs/accounting/travel-guide>
- Caltrans Division of Accounting will set up an Accounts Receivable to bill the Purchase Order holder after the TEC submitted by employee has been processed.
- After the supplier or manufacturer pays the bill, the Caltrans Division of Accounting will abate the recorded expenditures.
- All references to "inspection trip(s) shall be State financed at no cost to the supplier" shall be superseded for the above mentioned expenses when out of state travel is requested by the vendor.

The supplier shall receive a copy of the inspection report within 4 working days of the inspection. Unacceptable or noncompliant items will be listed on the report. If late delivery charges accrue, the vendor will not be held responsible for days in excess of the specified inspection report return period from the end of the inspection to the receipt of the inspection report.

If additional interim inspections are required, such inspection trips shall be at the expense of the supplier at \$75.00 per hour (including travel time) for each employee in addition to the above mentioned Out of State Travel Expenses.

The State's internal Out of State approval process takes approximately 2-4 weeks for approval. The successful Bidder should plan on submitting an official Out of State request to the Equipment Receiving Manager, in a timely manner, to insure the synchronization of the State approval with the corresponding inspection date. This process must be performed for each out of state inspection requested. The number and type of inspections are detailed in the inspection section of this specification. Inspections will begin within ten (10) working days from the date of the out of state inspection approval.

**NOTE:** The State will not be held responsible for delivery delays if the successful bidder does not initiate the Out of State travel request in a timely manner, as mentioned above.

8. DELIVERY: Inspection, delivery, and final acceptance of the first pre-production unit shall be no later than 150 calendar days after receipt of the purchase order. After acceptance of the first unit by Caltrans Quality Assurance, the remainder of units on the Purchase Order shall be delivered at a rate of not less than eight (8) units per thirty calendar day period. Contact the State of California, Department of Transportation, Division of Equipment, Equipment Materiel Coordinator listed on the PO contact sheet to coordinate delivery.

Acceptance of delivery or placement in operation of any equipment shall not release the manufacturer from liability for faulty design, workmanship, or faulty materials appearing after final payment has been made.

9. LATE DELIVERY CHARGE: The parties to this agreement acknowledge that the State shall incur actual damages should the supplier fail to perform the work as called out in the contract and specification on the dates set forth herein. The parties, therefore, have agreed to late delivery charges in the amount of \$25.00 per unit per workday.

Workdays are Monday through Friday inclusive, except State holidays observed Monday through Friday inclusive.

The parties also agree that the amount specified is not unreasonable nor punitive in nature because both parties have carefully considered the amount specified and believe it to be a reasonable estimate, and not excessive at the time the purchase order is entered into.

It is, therefore agreed, that the supplier will pay the State of California the amount stated above for each work day the work remains uncompleted or unaccepted by the State, provided the total late delivery charges assessed against supplier shall in no event exceed twenty-five percent (25%) of the total value of the entire order, and the supplier agrees to pay said damages as herein provided. In the event such damages are not paid, the supplier agrees that the State may deduct the amount thereof from any monies due or that may become due said supplier.

10. ADDITIONAL QUANTITIES: The State reserves the right to purchase a minimum of one (1) additional unit, or up to an additional 50% of the quantity on the Purchase Order, at bid prices. Orders for such additional units shall be placed within 180 days of bid award date or until the end of the contract if mutually agreed to by the vendor and the State.

For the purpose of this procurement, an amount equal to 10% of the bid amount may be added to the purchase order to allow for State requested options/upgrades (components, equipment, parts, etc. that provide additional functionality to the specified equipment), unanticipated tasks (additional work that must be performed which was wholly unanticipated and is not required in the specification, but is needed or improves the functionality of the equipment), etc. This is the maximum amount that will be available for State requested and approved options, upgrades, additional work,

etc. after Purchase Order issuance. All quotes and scopes of work will be provided in writing. Any change shall be documented via written Purchase Order Change.

11. PAYMENT: Process for payment will be initiated on a weekly basis for minimum groups or blocks of five (5) units received and deemed acceptable. Discounts offered will start on each group or block of payment units as each group or block of payment units are received and deemed acceptable. The final payment will be for a minimum of five (5) units.
12. PRICE ESCALATION: Prices shall remain fixed for a minimum of four (4) months from the date of the purchase order. Price escalation requests submitted after this timeframe may be requested as follows:
  - A. Price escalations may only be requested when the cost of finished product based on the invoices from the OEM and/or component suppliers has increased no less than 1 percent. An exemption to these frequency/guidelines may be requested should unusual circumstances occur, in which case substantiating documentation will be required. Substantiating documentation may include manufacturer's price list, original dated price quote and updated quote, significant changes in published market indicators for the industry, certified raw material cost data, and any other substantiating information as requested by the State.
  - B. Within thirty (30) days after receipt of request the State reserves the right to either:
    - a. Accept the escalation as competitive with the general market price at that time, effective upon written approval from the State and subsequent amended purchase order, or
    - b. Propose an alternative escalation percentage that the State determines to be more appropriate for current market conditions. The Contractor will have ten (10) working days to accept or reject proposed escalation percentage, or;
    - c. Cancel any un-purchased balance of the initial purchase order without prejudice effective upon written notice by the State.

NOTE: If the State and the Contractor fail to produce an agreement, the State reserves the right to exercise Option B.(a). or B.(c). with an effective date no later than ten (10) working days after notification from the State.

ALL TERMS AND CONDITIONS OF THE ORIGINAL SOLICITATION REMAIN THE SAME.

13. GENERAL: Each unit and any accessory shall be delivered completely assembled and ready to operate to the final destination listed on the purchase order.

No exceptions to the specifications will be allowed unless the exceptions are listed on the purchase order or subsequent award.

The component parts of the unit shall be new and in compliance with the specification and supplied drawings.

The manufacturer's torque rating of each driven part shall be equal to or exceed the torque rating of its driving member.

All equipment and accessories cataloged as standard, unless superseded by these specifications, are to be furnished and included in the purchase price of this unit.

Suppliers shall be the equipment manufacturer, an authorized factory dealer or representative thereof, or shall have authorization from the equipment manufacturer or authorized factory dealer to solicit the equipment bid. The bidder shall be capable of providing parts, service, warranty, and training for the equipment bid as specified herein. If the bidder cannot provide these items for the equipment bid, the equipment manufacturer or an authorized factory dealer may provide these items for the bidder. Upon request, the signed agreement between the bidder and the equipment manufacturer or authorized factory dealer, stating who will be responsible for providing parts, service, warranty, and training for the equipment bid, shall be provided to the State.

All equipment/options are to be factory installed. If the equipment/options are not available factory installed, dealer installed equipment/options may be acceptable. The bidder is to specify those items that will be dealer installed on the original bid submittal at the end of the questionnaire.

14. MANUFACTURER'S ID PLATE: A plate identifying the manufacturer, date of manufacture, model number, serial number, and tare weight shall be attached to the front of the body. Location of manufacturer's identification plate shall be approved by the Specifications Engineer prior to installation.
15. QUESTIONNAIRE: The attached questionnaire shall be filled out and will become a part of each bid submitted. Any portion of the questionnaire which is not applicable to the equipment shall be shown as N/A (not applicable).

**QUESTIONNAIRE**  
**(Vendor Response)**

For evaluation purposes, the questions in this section shall be evaluated based solely on the vendor response and supplemental supplied documentation. Questions left blank shall be considered non-responsive and show cause for rejection of the bid.

1. **BODY:**

Manufacturer\_\_\_\_\_

Model\_\_\_\_\_

Fabricated per CalTrans-supplied drawings (Yes/No) \_\_\_\_\_

**BODY CONSTRUCTION:**

Body Floor Material\_\_\_\_\_.

Material Thickness\_\_\_\_\_ inches/gauge.

Body Sidewall Material\_\_\_\_\_.

Material Thickness\_\_\_\_\_ inches/gauge.

2. **PRIMER:** Manufacturer \_\_\_\_\_ Number \_\_\_\_\_.

**POWDER COAT:** Manufacturer \_\_\_\_\_ Number \_\_\_\_\_.

3. **INSPECTION:** Please list the address of the Pre-Delivery inspection location:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NOTE: THIS QUESTIONNAIRE SHALL BECOME PART OF THIS BID AND TAKE PRECEDENCE OVER ACCOMPANYING LITERATURE. THE BIDDER MUST COMPLETE THE FOLLOWING IN FULL.

---

Company

---

Name and Title

---

Street Address

---

Telephone Number

---

City, State, Zip Code

---

Signature

LIST ANY ADDITIONAL INFORMATION OR EXCEPTIONS TO THE SPECIFICATIONS BELOW. (Include additional pages if necessary)

## CALTRANS IN-SHOP WARRANTY AGREEMENT

Name of Contractor \_\_\_\_\_  
Warranty Representative (Print or type) \_\_\_\_\_  
Street Address \_\_\_\_\_  
City, State, Zip Code \_\_\_\_\_  
Telephone Number \_\_\_\_\_  
Solicitation No. \_\_\_\_\_ Due Date \_\_\_\_\_  
Item (Quantity/Brand/Model) \_\_\_\_\_

---

When equipment is purchased for Caltrans, a section of the specifications requires the contractor to enter into an In-Shop Warranty Agreement.

The terms of the In-Shop Warranty Agreement for this equipment are as follows:

1. Labor rate charged by Caltrans will be \$250.00 per hour.
2. Warranty claims will be processed unless the contractor furnishes standard warranty forms.
3. Manufacturers' standard flat rate time schedule shall be used as a guide for In-Shop Warranty repair time. If a manufacturers' flat rate time schedule is not available, Caltrans will use the time that is recorded on the Shop Job Order.
4. Replacement parts will be available within 5 working days from the date of receipt by contractor of a Purchase Order, whether the order is made by telephone or in writing.
5. Replaced parts will be held 60 days for inspection by the vendor/manufacture.
6. Original Equipment Manufacturers' parts will be used as replacement parts; or, if OEM parts are not available, after-market parts of equal or better quality will be utilized.
7. Copies of invoices for all parts will be provided to the vendor/manufacture.

Caltrans will contact the contractor for authorization to perform In-Shop Warranty repairs as stated in this agreement. Only under extreme emergency conditions will "In-Shop Warranty be performed without prior authorization. If Caltrans opts not to perform the warranty work, the vendor shall pick up the unit within 48-hours of notification, written or verbal.

In-Shop Warranty Agreement shall remain in effect until all conditions of warranty in the State of California specifications and in the original manufacturers' warranty expire.

Signature, CT Warranty Coordinator \_\_\_\_\_

Date

Signature, Contractor \_\_\_\_\_

Date

**PAYEE DATA RECORD**

(Required when receiving payment from the State of California in lieu of IRS W-9 or W-7)

STD 204 (Rev. 03/2021)

**Section 1 – Payee Information****NAME** (This is required. Do not leave this line blank. Must match the payee's federal tax return)**BUSINESS NAME, DBA NAME or DISREGARDED SINGLE MEMBER LLC NAME** (If different from above)**MAILING ADDRESS** (number, street, apt. or suite no.) (See instructions on Page 2)**CITY, STATE, ZIP CODE****E-MAIL ADDRESS****Section 2 – Entity Type****Check one (1) box only that matches the entity type of the Payee listed in Section 1 above.** (See instructions on page 2)☐ **SOLE PROPRIETOR / INDIVIDUAL**☐ **SINGLE MEMBER LLC** *Disregarded Entity owned by an individual*☐ **PARTNERSHIP**☐ **ESTATE OR TRUST****CORPORATION** (see instructions on page 2)☐ **MEDICAL** (e.g., dentistry, chiropractic, etc.)☐ **LEGAL** (e.g., attorney services)☐ **EXEMPT** (e.g., nonprofit)☐ **ALL OTHERS****Section 3 – Tax Identification Number**Enter your Tax Identification Number (TIN) in the appropriate box. The TIN must **match** the name given in Section 1 of this form. Do not provide more than one (1) TIN. The TIN is a 9-digit number. **Note:** Payment will not be processed without a TIN.

- For **Individuals**, enter SSN.
- If you are a **Resident Alien**, and you do not have and are not eligible to get an SSN, enter your ITIN.
- Grantor Trusts (such as a Revocable Living Trust while the grantors are alive) may not have a separate FEIN. Those trusts must enter the individual grantor's SSN.
- For **Sole Proprietor or Single Member LLC (disregarded entity)**, in which the **sole member is an individual**, enter SSN (ITIN if applicable) or FEIN (FTB prefers SSN).
- For **Single Member LLC (disregarded entity)**, in which the **sole member is a business entity**, enter the owner entity's FEIN. Do not use the disregarded entity's FEIN.
- For all other entities including LLC that is taxed as a corporation or partnership, estates/trusts (with FEINs), enter the entity's FEIN.

**Social Security Number (SSN) or Individual Tax Identification Number (ITIN)**

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

**OR****Federal Employer Identification Number (FEIN)**

\_\_\_\_\_ - \_\_\_\_\_

**Section 4 – Payee Residency Status** (See instructions)☐ **CALIFORNIA RESIDENT** – Qualified to do business in California or maintains a permanent place of business in California.☐ **CALIFORNIA NONRESIDENT** – Payments to nonresidents for services may be subject to state income tax withholding.☐ No services performed in California☐ Copy of Franchise Tax Board waiver of state withholding is attached.**Section 5 – Certification**

**I hereby certify under penalty of perjury that the information provided on this document is true and correct.**  
**Should my residency status change, I will promptly notify the state agency below.**

**NAME OF AUTHORIZED PAYEE REPRESENTATIVE****TITLE****E-MAIL ADDRESS****SIGNATURE****DATE****TELEPHONE** (include area code)**Section 6 – Paying State Agency****Please return completed form to:****STATE AGENCY/DEPARTMENT OFFICE**  
CALTRANS**UNIT/SECTION****DIVISION OF EQUIPMENT****MAILING ADDRESS**

PO BOX 160048 MS # 3

**FAX**

(916) 227-5548

**TELEPHONE** (include area code)

(916) 227-9721

**CITY**

SACRAMENTO

**STATE**

CA

**ZIP CODE**

95816

**E-MAIL ADDRESS**

DOE.HQ.Purchasing@dot.ca.gov

**PAYEE DATA RECORD**

(Required when receiving payment from the State of California in lieu of IRS W-9 or W-7)

STD 204 (Rev. 03/2021)

**GENERAL INSTRUCTIONS**

Type or print the information on the Payee Data Record, STD 204 form. Sign, date, and return to the state agency/department office address shown in Section 6. Prompt return of this fully completed form will prevent delays when processing payments.

Information provided in this form will be used by California state agencies/departments to prepare Information Returns (Form 1099).

**NOTE:** Completion of this form is optional for Government entities, i.e. federal, state, local, and special districts.

A completed Payee Data Record, STD 204 form, is required for all payees (non-governmental entities or individuals) entering into a transaction that may lead to a payment from the state. Each state agency requires a completed, signed, and dated STD 204 on file; therefore, it is possible for you to receive this form from multiple state agencies with which you do business.

Payees who do not wish to complete the STD 204 may elect not to do business with the state. If the payee does not complete the STD 204 and the required payee data is not otherwise provided, payment may be reduced for federal and state backup withholding. Amounts reported on Information Returns (Form 1099) are in accordance with the Internal Revenue Code (IRC) and the California Revenue and Taxation Code (R&TC).

**Section 1 – Payee Information**

**Name** – Enter the name that appears on the payee's federal tax return. The name provided shall be the tax liable party and is subject to IRS TIN matching (when applicable).

- Sole Proprietor/Individual/Revocable Trusts – enter the name shown on your federal tax return.
- Single Member Limited Liability Companies (LLCs) that is disregarded as an entity separate from its owner for federal tax purposes - enter the name of the individual or business entity that is tax liable for the business in section 1. Enter the DBA, LLC name, trade, or fictitious name under Business Name.
- Note: for the State of California tax purposes, a Single Member LLC is not disregarded from its owner, even if they may be disregarded at the Federal level.
- Partnerships, Estates/Trusts, or Corporations – enter the entity name as shown on the entity's federal tax return. The name provided in Section 1 must match to the TIN provided in section 3. Enter any DBA, trade, or fictitious business names under Business Name.

**Business Name** – Enter the business name, DBA name, trade or fictitious name, or disregarded LLC name.

**Mailing Address** – The mailing address is the address where the payee will receive information returns. Use form STD 205, Payee Data Record Supplement to provide a remittance address if different from the mailing address for information returns, or make subsequent changes to the remittance address.

**Section 2 – Entity Type**

| If the Payee in Section 1 is a(n)...                                                                                                                                                                              | THEN Select the Box for...               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Individual • Sole Proprietorship • Grantor (Revocable Living) Trust disregarded for federal tax purposes                                                                                                          | Sole Proprietor/Individual               |
| Limited Liability Company (LLC) owned by an individual and is disregarded for federal tax purposes                                                                                                                | Single Member LLC-owned by an individual |
| Partnerships • Limited Liability Partnerships (LLP) • and, LLC treated as a Partnership                                                                                                                           | Partnerships                             |
| Estate • Trust (other than disregarded Grantor Trust)                                                                                                                                                             | Estate or Trust                          |
| Corporation that is medical in nature (e.g., medical and healthcare services, physician care, nursery care, dentistry, etc.) • LLC that is to be taxed like a Corporation and is medical in nature                | Corporation-Medical                      |
| Corporation that is legal in nature (e.g., services of attorneys, arbitrators, notary publics involving legal or law related matters, etc.) • LLC that is to be taxed like a Corporation and is legal in nature   | Corporation-Legal                        |
| Corporation that qualifies for an Exempt status, including 501(c) 3 and domestic non-profit corporations.                                                                                                         | Corporation-Exempt                       |
| Corporation that does not meet the qualifications of any of the other corporation types listed above • LLC that is to be taxed as a Corporation and does not meet any of the other corporation types listed above | Corporation-All Other                    |

**Section 3 – Tax Identification Number**

The State of California requires that all parties entering into business transactions that may lead to payment(s) from the state provide their Taxpayer Identification Number (TIN). The TIN is required by R&TC sections 18646 and 18661 to facilitate tax compliance enforcement activities and preparation of Form 1099 and other information returns as required by the IRC section 6109(a) and R&TC section 18662 and its regulations.

**Section 4 – Payee Residency Status****Are you a California resident or nonresident?**

- A corporation will be defined as a "resident" if it has a permanent place of business in California or is qualified through the Secretary of State to do business in California.
- A partnership is considered a resident partnership if it has a permanent place of business in California.
- An estate is a resident if the decedent was a California resident at time of death.
- A trust is a resident if at least one trustee is a California resident.
  - For individuals and sole proprietors, the term "resident" includes every individual who is in California for other than a temporary or transitory purpose and any individual domiciled in California who is absent for a temporary or transitory purpose. Generally, an individual who comes to California for a purpose that will extend over a long or indefinite period will be considered a resident. However, an individual who comes to perform a particular contract of short duration will be considered a nonresident.

For information on Nonresident Withholding, contact the Franchise Tax Board at the numbers listed below:

Withholding Services and Compliance Section: 1-888-792-4900

E-mail address: [wscs.gen@ftb.ca.gov](mailto:wscs.gen@ftb.ca.gov)

For hearing impaired with TDD, call: 1-800-822-6268

Website: [www.ftb.ca.gov](http://www.ftb.ca.gov)

**Section 5 – Certification**

Provide the name, title, email address, signature, and telephone number of individual completing this form and date completed. In the event that a SSN or ITIN is provided, the individual identified as the tax liable party must certify the form. Note: the signee may differ from the tax liable party in this situation if the signee can provide a power of attorney documented for the individual.

**Section 6 – Paying State Agency**

This section must be completed by the state agency/department requesting the STD 204.

**Privacy Statement**

Section 7(b) of the Privacy Act of 1974 (Public Law 93-579) requires that any federal, state, or local governmental agency, which requests an individual to disclose their social security account number, shall inform that individual whether that disclosure is mandatory or voluntary, by which statutory or other authority such number is solicited, and what uses will be made of it. It is mandatory to furnish the information requested. Federal law requires that payment for which the requested information is not provided is subject to federal backup withholding and state law imposes noncompliance penalties of up to \$20,000. You have the right to access records containing your personal information, such as your SSN. To exercise that right, please contact the business services unit or the accounts payable unit of the state agency(ies) with which you transact that business.

All questions should be referred to the requesting state agency listed on the bottom front of this form.

## Postconsumer Recycled-Content Certification

|                                     |         |
|-------------------------------------|---------|
| To be completed by the State agency |         |
| State Agency:                       |         |
| Purchasing Agent:                   | PO #:   |
| Phone:                              | E-mail: |

The State Agency Buy Recycled Campaign (SABRC) is a state mandated program that requires the reporting of all purchases made within 16 specified product categories. All state agencies are required to verify the recycled-content of all products purchased within each of these categories.

All businesses shall certify the minimum percentage in writing to the contracting officer or his or her representative, if not the exact percentage, of postconsumer recycled-content (PCRC) material in the products, materials, goods, or supplies offered or sold to the State regardless of whether the product meets the minimum content requirements specified in law (see reverse side). The certification shall be furnished under penalty of perjury. The certification shall be provided regardless of content, even if the product contains no recycled material. A State agency may waive the certification requirement if the percentage of postconsumer material in the products, materials, goods, or supplies can be verified in a written advertisement, including, but not limited to, a product label, a catalog, or a manufacturer or vendor Internet website.

Public Contract Code sections 12205(a)(1), (2), (3) and (b)(1), (2), and (3)

Contractor/Company Name \_\_\_\_\_

Address \_\_\_\_\_ Phone \_\_\_\_\_

| Purchase Order #<br>RFQ #<br>RFP #<br>IFB #<br>Cal Card Order # | Item # | Product or Services Description | <sup>1</sup> Percent Postconsumer Recycled-Content Material | <sup>2</sup> SABRC Product Category Code | Meets SABRC              |
|-----------------------------------------------------------------|--------|---------------------------------|-------------------------------------------------------------|------------------------------------------|--------------------------|
|                                                                 |        |                                 |                                                             |                                          | <input type="checkbox"/> |
|                                                                 |        |                                 |                                                             |                                          | <input type="checkbox"/> |
|                                                                 |        |                                 |                                                             |                                          | <input type="checkbox"/> |
|                                                                 |        |                                 |                                                             |                                          | <input type="checkbox"/> |
|                                                                 |        |                                 |                                                             |                                          | <input type="checkbox"/> |
|                                                                 |        |                                 |                                                             |                                          | <input type="checkbox"/> |

Pursuant to Public Contract Code 12205(b)(1), I certify under penalty of perjury under the laws of the State of California that the above information is true and correct.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

### FOOTNOTES:

1. "Postconsumer recycled-content material" is defined as products that were bought, used, and recycled by consumers. For example, a newspaper that has been purchased, recycled, and used to make another product would be considered postconsumer material.
2. "Product category" refers to one of the categories listed below, into which the reportable purchase is best placed.
3. If the product does not belong in any of the product categories, enter "N/A." Common "N/A" products include wood products, aggregate, concrete, and electronics such as computers, TV, software on a disk or CD, and telephones.
4. For reused or refurbished products, there is no minimum content requirement. (PCC 12209(l))

| Code* | Product Categories           | Product Subcategories        | Product Examples in each SABRC Category ( <i>PCC 12207</i> )<br>Examples include, but are not limited to, these individual products/materials.                                                                                                                                                                                                                                                                                                                                                                         | Minimum Post-Consumer Content Requirement per Statute ( <i>PCC 12209</i> )                                                                                         |
|-------|------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1A    | Paper Products               | Toilet Paper                 | Toilet paper.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 1B    | Paper Products               | Paper Towels                 | Paper towels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 40 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 1C    | Paper Products               | Facial Tissues               | Facial tissue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 1D    | Paper Products               | Toilet Seat Covers           | Toilet seat covers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 1E    | Paper Products               | General Purpose Paper Wipes  | General purpose paper wipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 1F    | Paper Products               | Food Serveware               | Napkins, plates, bowls, food trays, takeout boxes, and placemats.                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 40 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 1G    | Paper Products               | Miscellaneous Paper Products | Cartons, wrapping, packaging, file folders, hanging folders, building insulation and panels, corrugated boxes.                                                                                                                                                                                                                                                                                                                                                                                                         | 30 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 2     | Printing and Writing Papers  | Printing and Writing Papers  | Copy, xerographic, watermark, cotton fiber, offset, forms, computer printout paper, white wove envelopes, manila envelopes, book paper, note pads, writing tablets, newsprint, and other uncoated writing papers, posters, index cards, calendars, brochures, reports, magazines, and publications.                                                                                                                                                                                                                    | 30 percent by fiber weight post-consumer fiber.                                                                                                                    |
| 3A    | Soil Amendments and Toppings | Compost                      | Soil amendments, soil conditioner for potting or plant mix, organic materials used for water conservation; organic materials such as biosolids or other comparable substitutes such as livestock, horse, or other animal manure, food residues or fish processing byproducts; mechanical breakdown of materials.                                                                                                                                                                                                       | 80 percent recovered material that would otherwise be normally disposed of in a landfill.                                                                          |
| 3B    | Soil Amendments and Toppings | Mulch                        | Ground covers, weed suppressants.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 80 percent recovered material that would otherwise be normally disposed of in a landfill.                                                                          |
| 4A    | Glass Products               | Glass Products               | Windows, test tubes, beakers, laboratory or hospital supplies, reflective beads, tiles, construction blocks, desktop accessories, flat glass sheets, loose- grain abrasives, deburring media, liquid filter media, and containers.                                                                                                                                                                                                                                                                                     | 25 percent post-consumer, by weight.                                                                                                                               |
| 4B    | Glass Products               | Fiberglass                   | Fiberglass (insulation),                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 30 percent post-consumer, by weight.                                                                                                                               |
| 5     | Lubricating Oils             |                              | Intended for use in a crankcase, transmission, engine, power steering, gearbox, differential chainsaw, transformer dielectric, fluid, cutting, hydraulic, industrial, or automobile, bus, truck, vessel, plane, train, heavy equipment, or machinery powered by an internal combustion engine.                                                                                                                                                                                                                         | 70 percent re-refined base oil.                                                                                                                                    |
| 6     | Plastic Products             |                              | Printer or duplication cartridges, diskette, carpet, office products, plastic lumber, buckets, wastebaskets, containers, benches, tables, fencing, clothing, mats, packaging, signs, posts, binders, sheet, buckets, building products, garden hose, and trays.                                                                                                                                                                                                                                                        | 20 percent postconsumer, by weight, is remanufactured or has a take back program.                                                                                  |
| 7A    | Paint:                       | Low-VOC: < 50 grams/liter    | Water-based paint, graffiti abatement, interior and exterior, and maintenance.                                                                                                                                                                                                                                                                                                                                                                                                                                         | 50 percent post-consumer paint.                                                                                                                                    |
| 7B    | Paint:                       | Other VOC: > 50 grams/liter  | Water-based paint, graffiti abatement, interior and exterior, and maintenance.                                                                                                                                                                                                                                                                                                                                                                                                                                         | 50 percent post-consumer paint.                                                                                                                                    |
| 8     | Antifreeze                   |                              | Recycled antifreeze, and antifreeze containing a bittering agent or made from polypropylene or other similar non-toxic substance.                                                                                                                                                                                                                                                                                                                                                                                      | 70 percent post-consumer material.                                                                                                                                 |
| 9     | Tires (Retreaded tires)      |                              | Truck and bus tires, and those used on fleet vehicles (and passenger cars where available).                                                                                                                                                                                                                                                                                                                                                                                                                            | Retreaded: Must use an existing casing that has undergone retreading or recapping process in accordance with Public Resource Code (commencing with section 42400). |
| 10    | Tire-Derived Products        |                              | Flooring, mats, wheelchair ramps, playground surfacing, sports surfacing, parking bumpers, bullet traps, hoses, bumpers, truck bedliners, pads, walkways, tree ties, wheel chocks, rollers, traffic-related products, mudflaps, accessibility ramps, paths and sidewalks, animal care products, including, but not limited to, horse arena surfacing, stall mats, cow mats, and equestrian barn and breezeway flooring, artificial turf, landscaping and rubber mulch, outdoor surfacing, pavers and tiles, and posts. | 50 percent recycled used tires.                                                                                                                                    |
| 11A   | Metal Products               | Metal Products               | Staplers, paper clips, steel furniture, desks, pedestals, scissors, jacks, rebar, pipe, plumbing fixtures, chairs, ladders, file cabinets, shelving, containers, lockers, sheet metal, girders, building and construction products, bridges, braces, nails, and screws.                                                                                                                                                                                                                                                | 10 percent post-consumer material, by weight.                                                                                                                      |
| 11B   | Metal Products               | Vehicles                     | Vehicles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10 percent post-consumer material, by weight.                                                                                                                      |
| 12    | Building Finishes            | Open Office Panel Systems    | Open office panel systems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Middle range of state contracts.                                                                                                                                   |
| 13    | Carpet                       |                              | Carpet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Determined by DGS and Posted in SCM.                                                                                                                               |
| 14A   | Erosion Control Products     | Compost Filter Socks         | Compost filter sock.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100 percent post-consumer material.                                                                                                                                |
| 14B   | Erosion Control Products     | Compost Blanket              | Compost blanket, layer of compost protecting bare soil surfaces.                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100 percent post-consumer material.                                                                                                                                |
| 14C   | Erosion Control Products     | Hydraulic Mulch              | Hydraulic mulch or erosion control process that uses fiber slurry and tackifier.                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100 percent post-consumer material.                                                                                                                                |
| 15A   | Textiles                     | Textiles                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0 percent post-consumer material.                                                                                                                                  |
| 15B   | Textiles                     | General Textile Wipes        | General purpose wipes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100 percent post-consumer material.                                                                                                                                |
| 16A   | Pavement Surfacing           | Rubberized Pavement Surfaces | Rubberized asphalt concrete and chip seal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15 percent post-consumer material.                                                                                                                                 |
| 16B   | Pavement Surfacing           | Recycled Asphalt Pavement    | Recycled Asphalt Pavement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25 percent post-consumer material.                                                                                                                                 |

\*It is each agency's prerogative to assign internal codes/object codes for post-consumer recycled content products based on their internal paper or computer tracking systems.

For additional information, please visit [www.CalRecycle.ca.gov/BuyRecycled/StateAgency/](http://www.CalRecycle.ca.gov/BuyRecycled/StateAgency/)

## BIDDER DECLARATION

**1. Prime bidder information (Review attached Bidder Declaration Instructions prior to completion of this form):**

- a.** Identify current California certification(s) (MB, SB, NVSA, DVBE): \_\_\_\_\_ or **None** \_\_\_\_\_ (If “None,” go to Item #2)
- b.** Will subcontractors be used for this contract? **Yes** \_\_\_\_\_ **No** \_\_\_\_\_ (If yes, indicate the distinct element of work your firm will perform in this contract e.g., list the proposed products produced by your firm, state if your firm owns the transportation vehicles that will deliver the products to the State, identify which solicited services your firm will perform, etc.). Use additional sheets, as necessary.

**c.** If you are a California certified DVBE:

- (1) Are you a broker or agent? **Yes** \_\_\_\_\_ **No** \_\_\_\_\_
- (2) If the contract includes equipment rental, does your company own at least 51% of the equipment provided in this contract (quantity and value)? **Yes** \_\_\_\_\_ **No** \_\_\_\_\_ **N/A** \_\_\_\_\_

**2. If no subcontractors will be used, skip to certification below. Otherwise, list all subcontractors for this contract. (Attach additional pages if necessary):**

| Subcontractor Name, Contact Person,<br>Phone Number & Fax Number | Subcontractor Address<br>& Email Address | CA Certification (MB, SB,<br>NVSA, DVBE or None) | Work performed or goods provided<br>for this contract | Corresponding<br>% of bid price | Good<br>Standing? | 51%<br>Rental? |
|------------------------------------------------------------------|------------------------------------------|--------------------------------------------------|-------------------------------------------------------|---------------------------------|-------------------|----------------|
|                                                                  |                                          |                                                  |                                                       |                                 |                   |                |
|                                                                  |                                          |                                                  |                                                       |                                 |                   |                |
|                                                                  |                                          |                                                  |                                                       |                                 |                   |                |

**CERTIFICATION: By signing the bid response, I certify under penalty of perjury that the information provided is true and correct.**

## BIDDER DECLARATION INSTRUCTIONS

### All prime bidders (the firm submitting the bid) must complete the Bidder Declaration.

**1.a.** Identify all current certifications issued by the State of California. If the prime bidder has no California certification(s), check the line labeled "None" and proceed to Item #2. If the prime bidder possesses one or more of the following certifications, enter the applicable certification(s) on the line:

- Microbusiness (MB)
- Small Business (SB)
- Nonprofit Veteran Service Agency (NVSA)
- Disabled Veteran Business Enterprise (DVBE)

**1.b.** Mark either "Yes" or "No" to identify whether subcontractors will be used for the contract. If the response is "No," proceed to Item #1.c. If "Yes," enter on the line the distinct element of work contained in the contract to be performed or the goods to be provided by the prime bidder. Do not include goods or services to be provided by subcontractors.

Bidders certified as MB, SB, NVSA, and/or DVBE must provide a commercially useful function as defined in Military and Veterans Code Section 999 for DVBEs and Government Code Section 14837(d)(4)(A) for small/microbusinesses.

Bids must propose that certified bidders provide a commercially useful function for the resulting contract or the bid will be deemed non-responsive and rejected by the State. For questions regarding the solicitation, contact the procurement official identified in the solicitation.

**Note: A subcontractor is any person, firm, corporation, or organization contracting to perform part of the prime's contract.**

**1.c.** This item is only to be completed by businesses certified by California as a DVBE.

- (1) Declare whether the prime bidder is a broker or agent by marking either "Yes" or "No." The Military and Veterans Code Section 999.2 (b) defines "broker" or "agent" as a certified DVBE contractor or subcontractor that does not have title, possession, control, and risk of loss of materials, supplies, services, or equipment provided to an awarding department, unless one or more of the disabled veteran owners has at least 51-percent ownership of the quantity and value of the materials, supplies, services, and of each piece of equipment provided under the contract.
- (2) If bidding rental equipment, mark either "Yes" or "No" to identify if the prime bidder owns at least 51% of the equipment provided (quantity and value). If **not** bidding rental equipment, mark "N/A" for "not applicable."

**2.** If no subcontractors are proposed, do not complete the table. Read the certification at the bottom of the form and complete "Page \_\_\_\_ of \_\_\_\_" on the form.

If subcontractors will be used, complete the table listing all subcontractors. If necessary, attach additional pages and complete the "Page \_\_\_\_ of \_\_\_\_" accordingly.

### 2. (continued) Column Labels

**Subcontractor Name, Contact Person, Phone Number & Fax Number**—List each element for all subcontractors.

**Subcontractor Address & Email Address**—Enter the address and if available, an Email address.

**CA Certification (MB, SB, NVSA, DVBE or None)**—If the subcontractor possesses a current State of California certification(s), verify on this website ([www.eprocure.pd.dgs.ca.gov](http://www.eprocure.pd.dgs.ca.gov)).

**Work performed or goods provided for this contract**—Identify the distinct element of work contained in the contract to be performed or the goods to be provided by each subcontractor. Certified subcontractors must provide a commercially useful function for the contract. (See paragraph 1.b above for code citations regarding the definition of commercially useful function.) If a certified subcontractor is further subcontracting a greater portion of the work or goods provided for the resulting contract than would be expected by normal industry practices, attach a separate sheet of paper explaining the situation.

**Corresponding % of bid price**—Enter the corresponding percentage of the total bid price for the goods and/or services to be provided by each subcontractor. Do not enter a dollar amount.

**Good Standing?**—Provide a response for each subcontractor listed. Enter either "Yes" or "No" to indicate that the prime bidder has verified that the subcontractor(s) is in good standing for all of the following:

- Possesses valid license(s) for any license(s) or permits required by the solicitation or by law
- If a corporation, the company is qualified to do business in California and designated by the State of California Secretary of State to be in good standing
- Possesses valid State of California certification(s) if claiming MB, SB, NVSA, and/or DVBE status

**51% Rental?**—This pertains to the applicability of rental equipment. Based on the following parameters, enter either "N/A" (not applicable), "Yes" or "No" for each subcontractor listed.

Enter "N/A" if the:

- Subcontractor is NOT a DVBE (regardless of whether or not rental equipment is provided by the subcontractor) or
- Subcontractor is NOT providing rental equipment (regardless of whether or not subcontractor is a DVBE)

Enter "**Yes**" if the subcontractor is a California certified DVBE providing rental equipment and the subcontractor owns at least 51% of the rental equipment (quantity and value) it will be providing for the contract.

Enter "**No**" if the subcontractor is a California certified DVBE providing rental equipment but the subcontractor does NOT own at least 51% of the rental equipment (quantity and value) it will be providing.

**Read the certification at the bottom of the page and complete the "Page \_\_\_\_ of \_\_\_\_" accordingly.**

## PERSONAL INFORMATION NOTICE

Pursuant to the Federal Privacy Act (5 U.S.C, Section 552 et seq.) and the Information Practices Act of 1977 (IPA) (Civil Code Sections 1798 et seq.) declares that the right to privacy is a personal and fundamental right protected by the California and United States Constitutions. Please be advised that this form requests personal information. The term "personal information" means any information that is maintained by an agency that identifies or describes an individual, including, but not limited to, the individual's name, social security number, physical description, home address, home telephone number, education, financial matters, and medical or employment history. It includes statements made by, or attributed to, the individual. (Civil Code, § 1798.3, subdivision (a).)

Information Collection and Access: California law requires the following information to be provided when collecting information from individuals. (See, for example, Civil Code, § 1798.17.)

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### Agency Name and Division Within the Agency Requesting the Information:

California Department of Transportation, Division of Procurement and Contracts, Office 2

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### Title of Official Responsible for Information Maintenance:

Support Staff, Protest and Policy at the Division of Procurement and Contracts at (279) 234-2382, or in writing at Office 2, 1727 30th Street, MS 65, Sacramento, CA 95816, or by email at [NonIT.Contracts@dot.ca.gov](mailto:NonIT.Contracts@dot.ca.gov)

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### Maintenance of the Information Authorized By:

California Constitution, Article 1, Section 1 Government Code Section 11015.5  
Health Insurance Portability and Accountability Act (HIPAA) of 1996 – Privacy Rule Information Practices Act (Civil Code Section 1798 et seq.)  
Public Records Act (Government Code Section 6250 et seq.) State Administrative Manual (SAM) Section Privacy - 5310 et seq.  
Statewide Information Management Manual (SIMM) 5310-A and 5310-B  
National Institute of Standards and Technology (NIST) Special Publication 800-53

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### Consequences of Not Providing All or Any Part of the Requested Information:

Disclosure of this information is mandatory. Failure to provide information will prevent eligibility in the program and delay or prevent the processing of this form.

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### Principal Purpose(s) for Which the Information Will Be Used:

The request for personal information is to facilitate processing this form and review eligibility for the program.

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### Known Disclosures:

The information shall be disclosed to authorized California Department of Transportation employees and the information will remain confidential.

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### Right of Access to Records:

Individuals have the right to access information provided and may request a correction or deletion of records. Exceptions may include, but are not limited to, investigations and public transparency laws. Personal Information will only be disclosed as permitted by the Information Practices Act, Civil Code, §§ 1798–1798.83, or as otherwise required by law. To request access to, or to request correction or deletion of, information provided in this form you may contact the Official Responsible for Information Maintenance identified above.

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**Darfur Contracting Act Certification**

**Instructions:** Complete, as applicable, and submit with bid.

Public Contract Code Sections 10475-10481 applies to any company that currently or within the previous three years has had business activities or other operations outside of the United States. For such a company to bid on or submit a proposal for a State of California contract, the company must certify that it is either a) not a scrutinized company; or b) a scrutinized company that has been granted permission by the Department of General Services ("DGS") to submit a proposal.

**OPTION #1 - CERTIFICATION**

If your company has not, within the previous three years, had any business activities or other operations outside of the United States, complete and sign this section and submit with bid package.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below has not, within the previous three years, had any business activities or other operations outside of the United States; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

I agree that by providing my electronic signature for this form, I agree to conduct business transactions by electronic means and that my electronic signature is the legal binding equivalent to my handwritten signature. I hereby agree that my electronic signature represents my execution or authentication of this form, and my intent to be bound by it.

|                               |                   |
|-------------------------------|-------------------|
| Company/Vendor Name (Printed) | Federal ID Number |
|-------------------------------|-------------------|

By (Authorized Signature)

Printed Name and Title of Person Signing

**OPTION #2 - CERTIFICATION**

If your company, within the previous three years, has had business activities or other operations outside of the United States, in order to be eligible to submit a bid or proposal, please insert your company name and Federal ID Number and complete the certification below.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below is not a scrutinized company per Public Contract Code Section 10476; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

I agree that by providing my electronic signature for this form, I agree to conduct business transactions by electronic means and that my electronic signature is the legal binding equivalent to my handwritten signature. I hereby agree that my electronic signature represents my execution or authentication of this form, and my intent to be bound by it.

|                               |                   |
|-------------------------------|-------------------|
| Company/Vendor Name (Printed) | Federal ID Number |
|-------------------------------|-------------------|

By (Authorized Signature)

Printed Name and Title of Person Signing

|               |                                     |
|---------------|-------------------------------------|
| Date Executed | Executed in the County and State of |
|---------------|-------------------------------------|

**OPTION #3 - WRITTEN PERMISSION FROM DGS**

Pursuant to Public Contract Code Section 10477(b), the Director of the DGS may permit a scrutinized company, on a case-by-case basis, to bid on or submit a proposal for a contract with a state agency for goods or services, if it is in the best interests of the state. If you are a scrutinized company that has obtained written permission from the DGS to submit a bid or proposal, complete the information below.

We are a scrutinized company as defined in Public Contract Code Section 10476, but we have received written permission from the DGS to submit a bid or proposal pursuant to Public Contract Code Section 10477(b). **A copy of the written permission from DGS is included with our bid or proposal.**

I agree that by providing my electronic signature for this form, I agree to conduct business transactions by electronic means and that my electronic signature is the legal binding equivalent to my handwritten signature. I hereby agree that my electronic signature represents my execution or authentication of this form, and my intent to be bound by it.

|                               |                   |
|-------------------------------|-------------------|
| Company/Vendor Name (Printed) | Federal ID Number |
|-------------------------------|-------------------|

By (Authorized Signature)

Printed Name and Title of Person Signing

|               |                                     |
|---------------|-------------------------------------|
| Date Executed | Executed in the County and State of |
|---------------|-------------------------------------|

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### Agency Name and Division Within the Agency Requesting the Information:

California Department of Transportation, Division of Procurement and Contracts, Office 2

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### Title of Official Responsible for Information Maintenance:

Support Staff, Protest and Policy at the Division of Procurement and Contracts at (279) 234-2382, or in writing at Office 2, 1727 30th Street, MS 65, Sacramento, CA 95816, or by email at [NonIT.Contracts@dot.ca.gov](mailto:NonIT.Contracts@dot.ca.gov)

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Health Insurance Portability and Accountability Act (HIPAA) of 1996 – Privacy Rule Information Practices Act (Civil Code Section 1798 et seq.)  
Public Records Act (Government Code Section 6250 et seq.) State Administrative Manual (SAM) Section Privacy - 5310 et seq.  
Statewide Information Management Manual (SIMM) 5310-A and 5310-B  
National Institute of Standards and Technology (NIST) Special Publication 800-53

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### Consequences of Not Providing All or Any Part of the Requested Information:

Disclosure of this information is mandatory. Failure to provide information will prevent eligibility in the program and delay or prevent the processing of this form.

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### Principal Purpose(s) for Which the Information Will Be Used:

The request for personal information is to facilitate processing this form and review eligibility for the program.

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### Known Disclosures:

The information shall be disclosed to authorized California Department of Transportation employees and the information will remain confidential.

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### Right of Access to Records:

Individuals have the right to access information provided and may request a correction or deletion of records. Exceptions may include, but are not limited to, investigations and public transparency laws. Personal Information will only be disclosed as permitted by the Information Practices Act, Civil Code, §§ 1798–1798.83, or as otherwise required by law. To request access to, or to request correction or deletion of, information provided in this form you may contact the Official Responsible for Information Maintenance identified above.

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**Iran Contracting Act Certification**

**Instructions:** Complete, as applicable, and submit with proposal.

Prior to bidding on, submitting a proposal or executing a contract or renewal for a State of California contract for goods or services of one million dollars (\$1,000,000) or more, a vendor must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code Section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code Section 2203(c) or (d). The DGS list of entities prohibited from contracting with public entities in California per the Iran Contracting Act, 2010, can be found at: Department of General Services, Procurement Division, Iran Contracting Act List (<https://www.dgs.ca.gov/PD/Resources/Page-Content/Procurement-Division-Resources-List-Folder/List-of-Ineligible-Businesses>).

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note, California law establishes penalties for providing false certifications, including civil penalties equal to the greater of two hundred fifty thousand dollars (\$250,000) or twice the amount of the contract for which the false certification was made; contract termination; and three (3) year ineligibility to bid on contracts (Public Contract Code Section 2205).

**OPTION #1 - CERTIFICATION**

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is not on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor for 45 days or more if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

I agree that by providing my electronic signature for this form, I agree to conduct business transactions by electronic means and that my electronic signature is the legal binding equivalent to my handwritten signature. I hereby agree that my electronic signature represents my execution or authentication of this form, and my intent to be bound by it.

|                                         |                            |
|-----------------------------------------|----------------------------|
| Print Vendor Name Financial Institution | Federal ID Number (or N/A) |
|-----------------------------------------|----------------------------|

By (Authorized Signature)

Printed Name and Title of Person Signing

|               |                                     |
|---------------|-------------------------------------|
| Date Executed | Executed in the County and State of |
|---------------|-------------------------------------|

**OPTION #2 - EXEMPTION**

Pursuant to Public Contract Code Sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran on a case-by-case basis to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

I agree that by providing my electronic signature for this form, I agree to conduct business transactions by electronic means and that my electronic signature is the legal binding equivalent to my handwritten signature. I hereby agree that my electronic signature represents my execution or authentication of this form, and my intent to be bound by it.

|                                         |                            |
|-----------------------------------------|----------------------------|
| Print Vendor Name Financial Institution | Federal ID Number (or N/A) |
|-----------------------------------------|----------------------------|

By (Authorized Signature)

Printed Name and Title of Person Signing

Date Executed

## PERSONAL INFORMATION NOTICE

Pursuant to the Federal Privacy Act (5 U.S.C. Section 552 et seq.) and the Information Practices Act of 1977 (IPA) (Civil Code Sections 1798 et seq.) declares that the right to privacy is a personal and fundamental right protected by the California and United States Constitutions. Please be advised that this form requests personal information. The term "personal information" means any information that is maintained by an agency that identifies or describes an individual, including, but not limited to, the individual's name, social security number, physical description, home address, home telephone number, education, financial matters, and medical or employment history. It includes statements made by, or attributed to, the individual. (Civil Code, § 1798.3, subdivision (a).)

Information Collection and Access: California law requires the following information to be provided when collecting information from individuals. (See, for example, Civil Code, § 1798.17.)

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### Agency Name and Division Within the Agency Requesting the Information:

California Department of Transportation, Division of Procurement and Contracts, Office 2

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### Title of Official Responsible for Information Maintenance:

Support Staff, Protest and Policy at the Division of Procurement and Contracts at (279) 234-2382, or in writing at Office 2, 1727 30th Street, MS 65, Sacramento, CA 95816, or by email at [NonIT.Contracts@dot.ca.gov](mailto:NonIT.Contracts@dot.ca.gov)

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### Maintenance of the Information Authorized By:

California Constitution, Article 1, Section 1 Government Code Section 11015.5  
Health Insurance Portability and Accountability Act (HIPAA) of 1996 – Privacy Rule Information Practices Act (Civil Code Section 1798 et seq.)  
Public Records Act (Government Code Section 6250 et seq.) State Administrative Manual (SAM) Section Privacy - 5310 et seq.  
Statewide Information Management Manual (SIMM) 5310-A and 5310-B  
National Institute of Standards and Technology (NIST) Special Publication 800-53

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### Consequences of Not Providing All or Any Part of the Requested Information:

Disclosure of this information is mandatory. Failure to provide information will prevent eligibility in the program and delay or prevent the processing of this form.

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### Principal Purpose(s) for Which the Information Will Be Used:

The request for personal information is to facilitate processing this form and review eligibility for the program.

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### Known Disclosures:

The information shall be disclosed to authorized California Department of Transportation employees and the information will remain confidential.

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### Right of Access to Records:

Individuals have the right to access information provided and may request a correction or deletion of records. Exceptions may include, but are not limited to, investigations and public transparency laws. Personal Information will only be disclosed as permitted by the Information Practices Act, Civil Code, §§ 1798–1798.83, or as otherwise required by law. To request access to, or to request correction or deletion of, information provided in this form you may contact the Official Responsible for Information Maintenance identified above.

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**CALIFORNIA CIVIL RIGHTS LAWS CERTIFICATION**

**Instructions:** Complete as applicable, and submit with bid, proposal, contract, or amendment when the total contract value is one hundred thousand dollars (\$100,000) or more.

Pursuant to Public Contract Code section 2010, if a bidder or proposer executes, renews, or amends a contract one hundred thousand dollars (\$100,000) or more on or after January 1, 2017, the bidder or proposer hereby certifies, under the penalty of perjury, compliance with the following:

1. **CALIFORNIA CIVIL RIGHTS LAWS:** For contracts one hundred thousand dollars (\$100,000) or more executed, renewed, or amended after January 1, 2017, the contractor certifies compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code) and the Fair Employment and Housing Act (Section 12960 of the Government Code); and
2. **EMPLOYER DISCRIMINATORY POLICIES:** For contracts one hundred thousand dollars (\$100,000) or more executed, renewed, or amended after January 1, 2017, if a Contractor has an internal policy against a sovereign nation or peoples recognized by the United States government, the Contractor certifies that such policies are not used in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the Fair Employment and Housing Act (Section 12960 of the Government Code).

**CERTIFICATION**

I agree that by providing my electronic signature for this form, I agree to conduct business transactions by electronic means and that my electronic signature is the legal binding equivalent to my handwritten signature. I hereby agree that my electronic signature represents my execution or authentication of this form, and my intent to be bound by it.

I, the official named below, certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

FEDERAL ID NUMBER (OR N/A)

PROPOSER/BIDDER FIRM NAME (PRINTED)

BY (AUTHORIZED SIGNATURE)

PRINTED NAME AND TITLE OF PERSON SIGNING

DATE EXECUTED/SIGNED

EXECUTED/SIGNED IN THE COUNTY AND STATE OF

Solicitation Number

Every Department of General Services (DGS) Certified Small Business (SB), Micro Business (MB), and Disabled Veteran Business Enterprise (DVBE) Services must complete this form if they will perform an element of the work and/or goods.

1. CONTRACTOR NAME

|               |                          |                                   |
|---------------|--------------------------|-----------------------------------|
| Business Name | DGS Certification Number | DGS Certification Expiration Date |
|---------------|--------------------------|-----------------------------------|

2. COMMERCIALLY USEFUL FUNCTION (CUF)

All certified SB, MB, and/or DVBE prime contractors, subcontractors, suppliers, or primes that use a SB, MB, DVBE subcontractor must meet the commercially useful function requirements under Government Code Section 14837 (d)(4) (for SB/MB) and Military and Veterans Code Section 999(b)(5)(B) (for DVBE). **Please answer the following questions, as they apply to your company for the goods and/or services being acquired in this solicitation. Complete this form by prime contractor and for each subcontractor used in the fulfillment of acquired goods and/or services.**

| Mark all that apply | <input type="checkbox"/> SB                                                                                                                                                                                                        | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------|
| 1                   | If awarded a contract, will your business be responsible for the execution of a distinct element of the resulting work and/or goods?                                                                                               |                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2                   | If awarded a contract, will your business carry out the obligation of the contract by actually performing, managing, or supervising the work and/or goods involved?                                                                |                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3                   | If awarded a contract, will you perform work and / or supply goods that is normal for your business, service, and functions?                                                                                                       |                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4                   | If awarded a contract, will your business subcontract a portion of the work and/or goods greater than would be expected by normal industry practices?                                                                              |                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5                   | If awarded a contract, will your business role be limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of SB and/or DVBE participation? |                             | <input type="checkbox"/> Yes <input type="checkbox"/> No |

A response of "No" in questions 1-3 or a response of "Yes" in question 4 may result in your quote being deemed non-responsive and disqualified.

3. WRITTEN STATEMENT

Provide a written statement below detailing the role, services, and/or goods your company will provide to meet the commercially useful function requirement.

CERTIFICATION

By signing the bid response (Request For Quote/Notice To Bidder Solicitation), you are certifying under penalty of perjury that the information provided on the CUF Certification Form is true and correct.

**DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS**

DGS PD 843 (Rev. 9/2019)

Formerly STD. 843

**Instructions:** The disabled veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE) must complete this declaration when a DVBE contractor or subcontractor will provide materials, supplies, services or equipment [Military and Veterans Code Section 999.2]. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties. All signatures are made under penalty of perjury.

**SECTION 1**

Name of certified DVBE: \_\_\_\_\_ DVBE Ref. Number: \_\_\_\_\_

Description (materials/supplies/services/equipment proposed): \_\_\_\_\_

Solicitation/Contract Number: \_\_\_\_\_ SCPRS Ref. Number: \_\_\_\_\_

(FOR STATE USE ONLY)

**SECTION 2****APPLIES TO ALL DVBEs. Check only one box in Section 2 and provide original signatures.**

- ☐ I (we) declare that the DVBE is not a broker or agent, as defined in Military and Veterans Code Section 999.2 (b), of materials, supplies, services or equipment listed above. Also, complete Section 3 below if renting equipment.
- ☐ Pursuant to Military and Veterans Code Section 999.2 (f), I (we) declare that the DVBE is a broker or agent for the principal(s) listed below or on an attached sheet(s). *(Pursuant to Military and Veterans Code 999.2 (e), State funds expended for equipment rented from equipment brokers pursuant to contracts awarded under this section shall not be credited toward the 3-percent DVBE participation goal.)*

All DV owners and managers of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

\_\_\_\_\_  
(Printed Name of DV Owner/Manager) (Signature of DV Owner/ Manager) (Date Signed)\_\_\_\_\_  
(Printed Name of DV Owner/Manager) (Signature of DV Owner/Manager) (Date Signed)Firm/Principal for whom the DVBE is acting as a broker or agent: \_\_\_\_\_  
(If more than one firm, list on extra sheets.) (Print or Type Name)

Firm/Principal Phone: \_\_\_\_\_ Address: \_\_\_\_\_

**SECTION 3****APPLIES TO ALL DVBEs THAT RENT EQUIPMENT AND DECLARE THE DVBE IS NOT A BROKER.**

- ☐ Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. The DVBE maintains certification requirements in accordance with Military and Veterans Code Section 999 et. seq.
- ☐ The undersigned owner(s) own(s) at least 51% of the quantity and value of each piece of equipment that will be rented for use in the contract identified above. I (we), the DV owners of the equipment, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in *Military and Veterans Code 999.2*, subsections (c) and (g). *Failure by the disabled veteran equipment owner(s) to submit their personal federal tax return(s) to the administering agency as defined in Military and Veterans Code 999.2, subsections (c) and (g), will result in the DVBE being deemed an equipment broker.*

Disabled Veteran Owner(s) of the DVBE (attach additional pages with signature blocks for each person to sign):

\_\_\_\_\_  
(Printed Name) (Signature) (Date Signed)\_\_\_\_\_  
(Address of Owner) (Telephone) (Tax Identification Number of Owner)

Disabled Veteran Manager(s) of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

\_\_\_\_\_  
(Printed Name of DV Manager) (Signature of DV Manager) (Date Signed)

**TARGET AREA CONTRACT PREFERENCE ACT  
PREFERENCE REQUEST FOR GOODS AND SERVICES SOLICITATIONS**

## DISPUTE RESOLUTION UNIT AND PREFERENCE PROGRAMS

**Complete this form to request TACPA preferences for this bid.**

| SOLICITATION NUMBER | AGENCY/DEPT |
|---------------------|-------------|
|---------------------|-------------|

Target Area Contract Preference Act (TACPA) preferences are available only if the lowest responsible bid and resulting contract exceeds \$100,000. Your firm must be California based. You must certify, under penalty of perjury, to perform either **50%** of the labor hours required to complete a contract for GOODS, or **90%** of the labor hours required to complete a contract for SERVICES in the Target Area Contract Preference Act zone(s) you identify in Section I. The TACPA provides bid selection preferences of 5% for eligible workites (Section I), and 1% to 4% for hiring eligible workforce employees (Section II). To identify Census Tract and Block Group numbers contact the city or county Planning and Development Commission for the intended workite or visit the U.S. Census Bureau website ([www.census.gov](http://www.census.gov)).

**Section I. 5% WORKSITE(S) PREFERENCE ELIGIBILITY AND LABOR HOURS**

**To the Bidder: Preference may be denied for failure to provide the following required information:**

- (1) Identify each firm in the supply chain, including yours, that will perform any of the contract labor hours required to complete this contract. Identify your role in the distribution process. Transportation hours performed by each carrier must be reported separately.
- (2) List complete addresses for each firm named below.
- (3) Report projected number of labor hours required to perform the contract for each firm.
- (4) Enter the CENSUS TRACT number.
- (5) Enter the BLOCK GROUP number.
- (6) Identify the California designated TACPA worksite(s) by entering the proper **Criteria** letter A, B, C, D, E, F (see reverse for instructions) in the Criteria column.

| (1)<br>FIRM NAME and CONTRACT FUNCTION:<br>(Manufacturing, transportation, shipping, warehousing, admin., etc.)<br>Use additional pages, as needed, to fully report worksite information. | (2)<br>WORKSITE ADDRESS<br>Street Address, City, County, State, Zip Code, Phone Number | (3)<br>PROJECTED<br>LABOR HOURS | COMPLETE FOR ALL SITES LOCATED WITHIN A TACPA<br>PREFERENCE AREA(S) |                     |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------|---------------------|-------------------------|
|                                                                                                                                                                                           |                                                                                        |                                 | (4)<br>TRACT NUMBER                                                 | (5)<br>BLOCK NUMBER | (6)<br>CRITERIA (A – F) |
|                                                                                                                                                                                           |                                                                                        |                                 |                                                                     |                     |                         |
|                                                                                                                                                                                           |                                                                                        |                                 |                                                                     |                     |                         |
|                                                                                                                                                                                           |                                                                                        |                                 |                                                                     |                     |                         |
|                                                                                                                                                                                           |                                                                                        |                                 |                                                                     |                     |                         |
|                                                                                                                                                                                           |                                                                                        |                                 |                                                                     |                     |                         |
|                                                                                                                                                                                           |                                                                                        |                                 |                                                                     |                     |                         |
| TOTAL PROJECTED LABOR HOURS:                                                                                                                                                              |                                                                                        |                                 |                                                                     |                     |                         |

## Section II. 1% TO 4% WORKFORCE PREFERENCE

***Bidders must qualify their firm's work site eligibility to request an additional 1% to 4% workforce preference in Section II.***

- ☐ request a 1% preference for hiring eligible persons to perform 5 to 9% of the total contract labor hours.
- ☐ request a 2% preference for hiring eligible persons to perform 10 to 14% of the total contract labor hours.
- ☐ request a 3% preference for hiring eligible persons to perform 15 to 19% of the total contract labor hours.
- ☐ request a 4% preference for hiring eligible persons to perform 20% or more of the total contract labor hours.

### Section III. CERTIFICATION FOR WORKSITE AND WORKFORCE PREFERENCES

***To receive TACPA preferences, the following certification must be completed and signed by the Bidder:***

I hereby certify under penalty of perjury that the bidder (1) is a California based company as defined in the TACPA regulations; (2) shall ensure that at least 50% of the labor hours required to complete a contract for Goods, or 90% of the labor hours to complete a Services contract shall be performed at the designated TACPA worksite(s) claimed in Section I; (3) shall hire persons who are TACPA eligible employees to perform the specified percent of total contract labor hours as claimed in Section II; (4) has provided accurate information on this request. I understand that any person furnishing false certification, willfully providing false information or omitting information, or failing to comply with the TACPA requirements is subject to sanctions as set forth in the statutes.

|                       |                    |  |              |               |
|-----------------------|--------------------|--|--------------|---------------|
| BIDDER'S NAME & TITLE | BIDDER'S SIGNATURE |  | PHONE NUMBER | EMAIL ADDRESS |
|                       |                    |  | FAX NUMBER   | DATE          |

## TARGET AREA CONTRACT PREFERENCE ACT PREFERENCE REQUEST FOR GOODS AND SERVICES SOLICITATIONS

### Target Area Contract Preference Act References and Instructions

The Target Area Contract preference Act (TACPA), GC §4530 et seq., and 2 CCR §1896.30 et seq., promotes employment and economic development at designated distressed areas by offering 5% worksite and/or 1% to 4% workforce bidding preferences in specified state contracts. The TACPA preferences do not apply to contracts where the worksite is fixed by the contract terms. These preferences only apply to bidders who are California based firms, and only when the lowest responsible bid and resulting contract exceed \$100,000. Bidders must certify, under penalty of perjury to perform either 50% (for GOODS contracts) or 90% (for SERVICES contracts) of the labor hours required to complete this contract in the eligible TACPA area worksite(s) identified in Section I on the reverse side of this page. TACPA preferences for a single worksite preference cannot exceed \$50,000.00. Additionally, TACPA preferences for a single workforce preference cannot exceed \$50,000.00. In combination with any other preferences, the maximum limit is 15% of the lowest responsible bid; and, in no case shall not exceed \$100,000 in total.

### Section I

#### Worksite Preference Eligibility and Labor Hours

Bidders must identify at least one eligible TACPA worksite by entering the criteria letter A, B, C, D, E or F in the "Criteria" column and enter the "Census Tract" and "Block Group" Numbers to be eligible for the preference. You must name each and every firm or site where contract labor hours will be worked. Preference requests may be denied if an eligible California TACPA worksite is not identified, or all firms performing contract labor hours are not identified. Enter one of the following "Criteria" letters to identify each TACPA worksite on the reverse page:

- A.** The firm is located in a California eligible distressed area(s).
- B.** The firm will establish a worksite(s) in a California eligible distressed area(s).
- C.** The firm is in a census tract with a contiguous boundary adjacent to a California eligible distressed area.
- D.** The firm will establish a worksite(s) located directly adjoining a valid TACPA census tract/block group that when attached to the California eligible distressed area(s) forms a contiguous boundary.
- E.** The bidder will purchase the contract goods from a manufacturer(s) in a California eligible distressed area(s). **This option applies to solicitations for GOODS only.**
- F.** The bidder will purchase contract goods from a manufacturer(s) in directly adjoining census tract blocks that when attached to the California eligible distressed area(s) forms a contiguous boundary. **This option applies to solicitations for GOODS only.**

Enter labor hours for each listed firm and site. The hours shall be reasonable and shall only include the labor hours necessary and required to complete the contract activities. Artificially increasing hours at a claimed TACPA worksite, or understating labor hours worked outside the eligible worksite may result in a denied preference request. Do not include machine time and non-labor time when projecting contract labor hours. Report all bidder work hours and those of any subcontractor performing this contract. All transportation hours must be reported for each carrier separately and must not be combined or included with hours for manufacturing, processing, or administration, or at any eligible TACPA site. Failure to list all the labor hours to be performed at the reportable sites will result in a denial of this preference request.

The bidder must explain, by activity, their firm's projected contract labor hours by completing and signing the *Bidder's Summary - TACPA* form (DGS/PPD 526) (included with this solicitation).

## DISPUTE RESOLUTION UNIT AND PREFERENCE PROGRAMS

If supplying goods, the bidder must also provide a completed and signed *Manufacturer's Summary - TACPA* form (DGS/PPD 525) (included with this solicitation) that specifies the number of projected labor hours necessary to make the product(s).

### Section II

#### Workforce Preference

Eligibility to request a workforce preference is based on the bidder first claiming and receiving approval of the 5% TACPA worksite preference. The workforce preferences are only awarded if the bidder hires and employs the TACPA qualified individuals. Workforce preferences will not be approved for another firm's employees. By claiming a workforce preference percentage, the bidder must have its eligible employees perform the specified percentage of the total contract workforce labor hours. See Section I, "Total Projected Labor Hours," STD. 830. To claim the workforce preferences select or check the appropriate box for percent of requested bid preferences in Section II.

### Section III

#### Certification for Worksite and Workforce Preferences

Bidder must sign, under penalty of perjury, the certification contained in Section III to be eligible for any of the preferences requested pursuant to this form. The penalties associated with the TACPA statute are: GC §4535.1, A business that requests and is given the preference provided for in Section 4533, 4533.1, 4534, or 4534.1 by reason of having furnished a false certification, and which by reason of that certification has been awarded a contract to which it would not otherwise have been entitled, shall be subject to all of the following:

- (a) Pay to the State any difference between the contract amount and what the State's cost would have been if the contract had been properly awarded.
- (b) In addition to the amount specified in subdivision (a), be assessed a penalty in an amount of not more than 10 percent of the amount of the contract involved.
- (c) Be ineligible to directly or indirectly transact any business with the State for a period of not less than six months and not more than 36 months.

Prior to the imposition of any sanction under this chapter, the contractor or vendor shall be entitled to a public hearing and to five days notice of the time and place thereof. The notice shall state the reasons for the hearing.

**If you receive an award based on these preferences you will be required to report monthly on your contract performance, labor hours, and TACPA compliance.**

For questions concerning preferences and calculations, or if a bid solicitation does not include preference request forms, please call the awarding Department's contract administrator. Only another California certified small business can use TACPA preferences to displace a California certified small business bidder.

To identify TACPA distressed worksites contact the local city or county Planning/Economic Development offices of the proposed worksite, or go to <http://tacpa.dgs.ca.gov/>. Verify the Census Tract and Block numbers for TACPA sites by contacting the DGS, Procurement Division Dispute Resolution Unit at [TACPA@dgs.ca.gov](mailto:TACPA@dgs.ca.gov).

|                                                  |  |                                               |  |                     |  |
|--------------------------------------------------|--|-----------------------------------------------|--|---------------------|--|
| STATE OF CALIFORNIA<br>DGS/PS 525 (Rev. 05/2022) |  | <b>MANUFACTURER'S SUMMARY</b>                 |  | <b>Section I</b>    |  |
|                                                  |  | <b>Of Contract Activities and Labor Hours</b> |  | SOLICITATION NUMBER |  |
|                                                  |  |                                               |  | AGENCY/DEPT         |  |

To be eligible for bidding preferences, the following data/information must be provided AND signed, as indicated, by both the Manufacturer and the Bidder. Any person furnishing false certifications, willfully providing false information, omitting information, or failing to comply with the preference requirements is subject to sanctions as set forth in the statutes.

**Section II** **Manufacturer's Information: Must be completed by the Manufacturer**

Report the projected production capacity of the facility for each product type/solicitation line item. This form must accompany any bid preference request form(s) (STD 830) submittal to the designated contracting official at the awarding department. Enter the number of all employee labor hours in an 8-hour shift at this site required and necessary to perform the contract. Employee labor hours may cover such activities as manufacturing, packaging, handling, warehousing and/or shipping the product (see reverse for additional information). Do not include labor-free time (automation or machine hours /storage/etc). If additional lines are needed, copies of this form may be used.

| Product Type Or Line Item<br>(Manufactured At This Site) | Contract Quantity<br>(Include Product Units) | Production Capacity<br>(Units Per 8-Hr Shift) | Number Of Employees Used In 8-Hr Shift<br>(Of The Product Production Cycle) |           |          |             |          | Total Employee Contract Labor Hours Per Product Type Or Line Item |
|----------------------------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------|-----------|----------|-------------|----------|-------------------------------------------------------------------|
|                                                          |                                              |                                               | Manufacturing                                                               | Packaging | Handling | Warehousing | Shipping | Other *                                                           |
| 1.                                                       |                                              |                                               |                                                                             |           |          |             |          |                                                                   |
| 2.                                                       |                                              |                                               |                                                                             |           |          |             |          |                                                                   |
| 3.                                                       |                                              |                                               |                                                                             |           |          |             |          |                                                                   |
| 4.                                                       |                                              |                                               |                                                                             |           |          |             |          |                                                                   |
| 5.                                                       |                                              |                                               |                                                                             |           |          |             |          |                                                                   |
| 6.                                                       |                                              |                                               |                                                                             |           |          |             |          |                                                                   |
| 7.                                                       |                                              |                                               |                                                                             |           |          |             |          |                                                                   |
| GRAND TOTAL                                              |                                              |                                               |                                                                             |           |          |             |          | (Employee labor hours)                                            |

\*EXPLAIN "OTHER" ACTIVITIES OF THE MANUFACTURING CYCLE MUST BE DEFINED HERE. IF USED: (Use additional sheets, if necessary)

**Section III** **Manufacturer's Information and certification: Must be completed and signed by the Manufacturer**

Separate "Manufacturer's Summaries" are required for each site that is identified as a manufacturer of the contract goods.

|                                 |                                                  |                     |               |
|---------------------------------|--------------------------------------------------|---------------------|---------------|
| MANUFACTURER'S NAME AND ADDRESS | NAME AND TITLE OF PERSON SIGNING AS MANUFACTURER | PHONE NUMBER<br>( ) | EMAIL ADDRESS |
|                                 | MANUFACTURER'S SIGNATURE                         | FAX NUMBER<br>( )   | DATE          |

**Section IV** **Bidder's Certification: Must be completed and signed by the Bidder to be eligible for bidding preferences**

I hereby certify under penalty of perjury that the manufacturer provided the above information to me. The proposed employee labor hours indicated above correlate with the hours reported on the preference request form(s) [STD 830] that accompany this bid.

|                         |                    |                     |               |
|-------------------------|--------------------|---------------------|---------------|
| BIDDER'S NAME AND TITLE | BIDDER'S SIGNATURE | PHONE NUMBER<br>( ) | EMAIL ADDRESS |
|                         |                    | FAX NUMBER<br>( )   | DATE          |

## MANUFACTURER'S SUMMARY References and Instructions

The California Legislature has declared that it serves a public purpose and is a benefit to the State to encourage business investment, promote job development, and to facilitate job maintenance in economically distressed areas of the state. It is the intent of the Legislature to further these goals by providing appropriate preferences to California based companies submitting bids or proposals for state contracts to be performed at worksites in economically distressed areas when the contract is for goods or services in excess of \$100,000. To obtain preferences, the bidder must demonstrate that a minimum 50% (for goods contracts) or 90% (for services contracts) of the projected employee labor hours necessary for the contract will be performed within the economically distressed area. This includes manufacturer's employee labor hours.

If the bidder requests TACPA contract preferences<sup>1</sup>, the completed *Manufacturer's Summary* must be signed by both the manufacturer<sup>2</sup> and the bidder for each requested preference. The information provided on this form will be used to evaluate the total manufacturing employee labor hours required to complete this contract.

### Section I To be completed by the Bidder

**Solicitation Number:** Enter the solicitation number identified on the front page of the Invitation For Bid for which this form is being submitted.

**Agency/Dept:** Enter the name of the buying Agency and/or Department (e.g., State and Consumer Services Agency, Department of General Services)

### Section II To be completed by the Manufacturer

This section identifies the projected production capacity of the manufacturer's facility; number of employees used for each type of the bid product and total of the projected employee contract labor hours used to manufacture the bid product for the entire contract period.

<sup>1</sup> Target Area Contract Preferences Act, GC § 4530 et seq.

<sup>2</sup> The State considers the manufacturer to be the company or companies that add value to the product by converting or transforming it from the raw or bulk product into the final bid product.

**Product Type or Line Item:**

List the product type or line item as specified on the solicitation. Identify each product type or match the line items on the solicitation.

**Contract Quantity:**

List the number of product unit(s) (i.e. # cases, pounds, etc.). Use the same quantity and unit of measure used in the state's solicitation.

**Production Capacity:**

Indicate the manufacturing capacity for each product type/line item in an 8-hour period.

**Employees Used In 8-Hr Period:**

Indicate the number of employees used for the various production segments during an 8-hour period (example: .5, 1.5, 2). List only the production processes pertaining to the production of the bid product/line item. Production tasks may include: manufacturing, packaging, handling, shipping, and/or other. Production hours listed under "other" must be defined.

**Total Hours:**

For each product type/line item, identify the total number of employee contract labor hours projected to be used for the entire contract period.

### Section III

**To be completed by the Manufacturer**

**Firm & address:**

Enter the manufacturer's name & address.

**Authorized Representative:**

Type or print the name and title of the person signing the form.

**Contact phone number:**

Enter the telephone number and fax number for the manufacturer.

**Date:**

Enter the date the form is completed and signed by the manufacturer

**Signature:**

Signed by the manufacturer

**Email Address:**

E-mail address of manufacturer.

### Section IV

**To be completed by the Bidder**

Section IV must be completed and signed by the bidder to be eligible for the bidding preference.

|                                                   |                                                            |                     |             |
|---------------------------------------------------|------------------------------------------------------------|---------------------|-------------|
| STATE OF CALIFORNIA<br>DGS/PD 526<br>Rev. 05/2022 | BIDDER'S SUMMARY<br>Of Contract Activities and Labor Hours | Section I           |             |
|                                                   |                                                            | SOLICITATION NUMBER | AGENCY/DEPT |

To be eligible for the bidding preferences, the following data/information must be provided AND signed by the BIDDER. Any person furnishing false certifications, willfully providing false information, omitting information, or failing to comply with the preference requirements is subject to sanctions as set forth in statutes

Section II

The "Bidder's Summary" of the contract activity and employee labor hours must be completed and signed by the Bidder. This form must accompany any bid preference request form STD 830 submittal to the designated contracting official at the awarding department.

Report the projected contract labor hours for each contract activity for administration, receiving, order processing, order shipping preparation. and transportation to state delivery point (see reverse for additional information). Report all employee labor hours necessary to perform this contract. Do not include labor-free hours (automated processing/storage time, etc.).

| Product Type Or Line Item                                                                                 | Contract Quantity<br>(Total Product Units) | Number Of Bidder Contract Labor Hours To Be Used For This Contract |           |                              |                            |                | Total Number Of Contract Labor Hours Per PS Type Or Line Item |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------|-----------|------------------------------|----------------------------|----------------|---------------------------------------------------------------|
|                                                                                                           |                                            | Administration                                                     | Receiving | Order Processing (pick/pull) | Order Shipping Preparation | Transportation |                                                               |
| 1.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 2.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 3.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 4.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 5.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 6.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 7.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 8.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| 9.                                                                                                        |                                            |                                                                    |           |                              |                            |                |                                                               |
| Grand Total<br>(Employee Labor Hours)                                                                     |                                            |                                                                    |           |                              |                            |                |                                                               |
| * EXPLAIN "OTHER" ACTIVITIES OF CONTRACT USED MUST BE DEFINED HERE: (Use additional sheets, if necessary) |                                            |                                                                    |           |                              |                            |                |                                                               |

Section III To be eligible the following certification statement must be read and signed by the Bidder.

I hereby certify under penalty of perjury that the information and labor hours reported on this form are accurate and complete. I understand that any person falsely certifying, willfully providing false information, omitting information, or failing to comply with the preference statutes may be subject to sanctions as set forth in the statutes.

|                         |                    |              |               |
|-------------------------|--------------------|--------------|---------------|
| BIDDER'S NAME AND TITLE | BIDDER'S SIGNATURE | PHONE NUMBER | EMAIL ADDRESS |
|                         |                    | FAX NUMBER   | DATE          |

## BIDDER'S SUMMARY

### References and Instructions

The California Legislature has declared that it serves a public purpose and is a benefit to the State to encourage business investment, promote job development, and to facilitate job maintenance in economically distressed areas of the State. It is the intent of the Legislature to further these goals by providing appropriate preferences to California based companies that submit bids or proposals for state contracts to be performed at worksites in economically distressed areas when the contract is for goods or services in excess of \$100,000. To obtain preferences, the bidder must demonstrate that a minimum 50% (for goods contracts) or 90% (for services contracts) of the projected employee labor hours necessary for the contract will be performed within the economically distressed area.

If the bidder requests TACPA, EZA, and/or LAMBRA contract preferences<sup>1</sup>, the *Bidder's Summary* form must be completed and signed by the bidder for each requested preference. The information provided on this form will be used to evaluate the total number of bidder employee labor hours required to complete the contract.

## Section I

**Solicitation Number:** Enter the solicitation number identified on the front page of the Invitation For Bid for which this form is being submitted.

**Agency/Dept:** Enter the name of the buying Agency and/or Department (e.g., State and Consumer Services Agency, Department of General Services)

<sup>1</sup> Target Area Contract Preferences Act, GC § 4530 et seq., Enterprise Zone Act GC § 7070 et seq., and/or Local Agency Military Recovery Area Act (LAMBRA), GC § 7118 et seq.

## Section II

This section identifies the number of bidder's projected employee labor hours that will be performed for the contract. Hours projected should only be those that the bidder will perform. Do not include manufacturing or any other subcontracted hours.

**Product Type or Line Item:** List the product type or line item as specified on the solicitation. Separate each product type to match the line items on the solicitation.

**Contract Quantity:**

List the number of product units (i.e., cases, pounds, etc.). Use the same quantity and unit measure used in the state's solicitation.

**Hours For This Contract:**

Enter the projected number of employee contract labor hours expected in the performance of the contract. Hours may include, for example: administrative, receiving (only include hours required to stock receive and/or physically place product into or out of storage), processing orders (pulling or picking) preparation of orders for shipment (routing, master billing, loading trucks), transportation hours (from shipping point to point of delivery) and/or other (contract labor hours identified as "other" must be defined). **Do not include labor hours for time the product is stationary.**

**Grand Total:**

List the total number of employee labor hours for the entire contract period.

## Section III

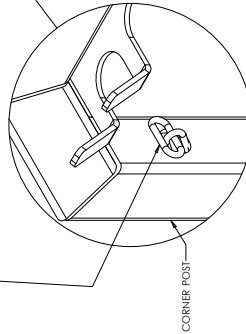
Section III must be completed and signed by the bidder.

1. REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
2. SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.

3. REMOVE MIL, SCALE, OIL, GREASE, AND OTHER CONTAMINANTS FROM METAL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN AND DRY BEFORE PAINTING.
  4. ALL WELDERS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALIFORNIA EQUIPMENT QUALITY STANDARDS. GO TO [www.cd.ca.gov/reqs/cv](http://www.cd.ca.gov/reqs/cv) TO VIEW EQUIPMENT QUALITY STANDARDS.
  5. THE WORK SHALL BE POSITIONED DRY WELDING WHENEVER POSSIBLE. USE PROPER PROCEDURES AND SEQUENCE OF WELDING TO AVOID NEEDLESS DISTORTION, AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
  6. ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. SIZE OF ALL APPLICABLE WELDS SHALL BE AS SPECIFIED. WELDS SHALL BE MADE IN ACCORDANCE WITH WELDER CERTIFICATES, INFORMATION, AND NEW REQUIREMENTS OF THE CALIFORNIA METAL INDUSTRY ELECTRICAL CODE.
  7. SEAMANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS. NOT WELDED, BUT CONTINUOUS SEAMS. USING WAGNER 621 ULTRASTAIN COATING MANUFACTURED BY SIKA CORPORATION.
- (A) CRITICAL DIMENSION (B) STROK (C) DENOTES INSPECTION DIMENSION

9.  APPLY WELDABLE PRIMER (RUST PREVENTIVE COATING) TEMPIL® ALUMINIZED BIOXIDE, OR EQUIVALENT WELDABLE PRIMER.

WELD THIS END OF THE CHAIN TO CORNER POST.  
LAY CHAIN-LINK FLAT AGAINST POST AS SHOWN.  
DO NOT PLUG HOLE.  
DETAIL 2 PLACES.



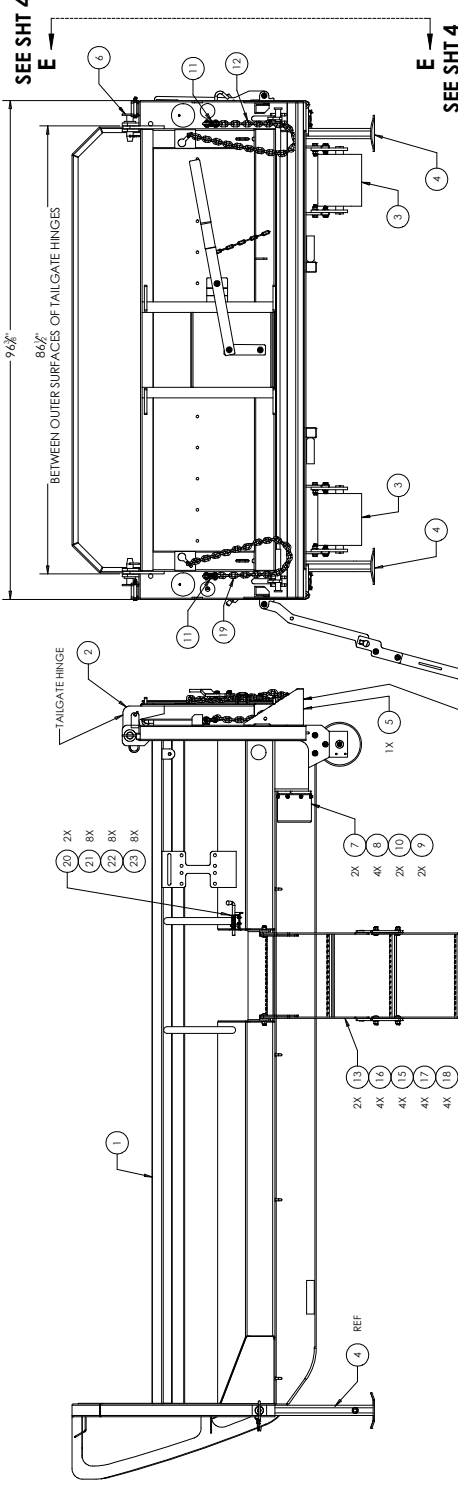
**PRIMER ENTIRE LEG ASSEMBLY BEFORE WELDING TO CORNER POST**

**PRIMER ENTIRE LEG ASSEMBLY  
BEFORE WELDING TO CORNER POST**

**BODY TOP ASSEMBLY - ISOMETRIC VIEW**  
**CALTRANS CAD MODEL # 08-001667**

MBLY -  
D MOD  
SCALE 1:12

**DETAIL K**  
SCALE 1 : 2



SHIP TAILGATE APRON LOOSE—

SEE SHT 3

SEE SHT 3

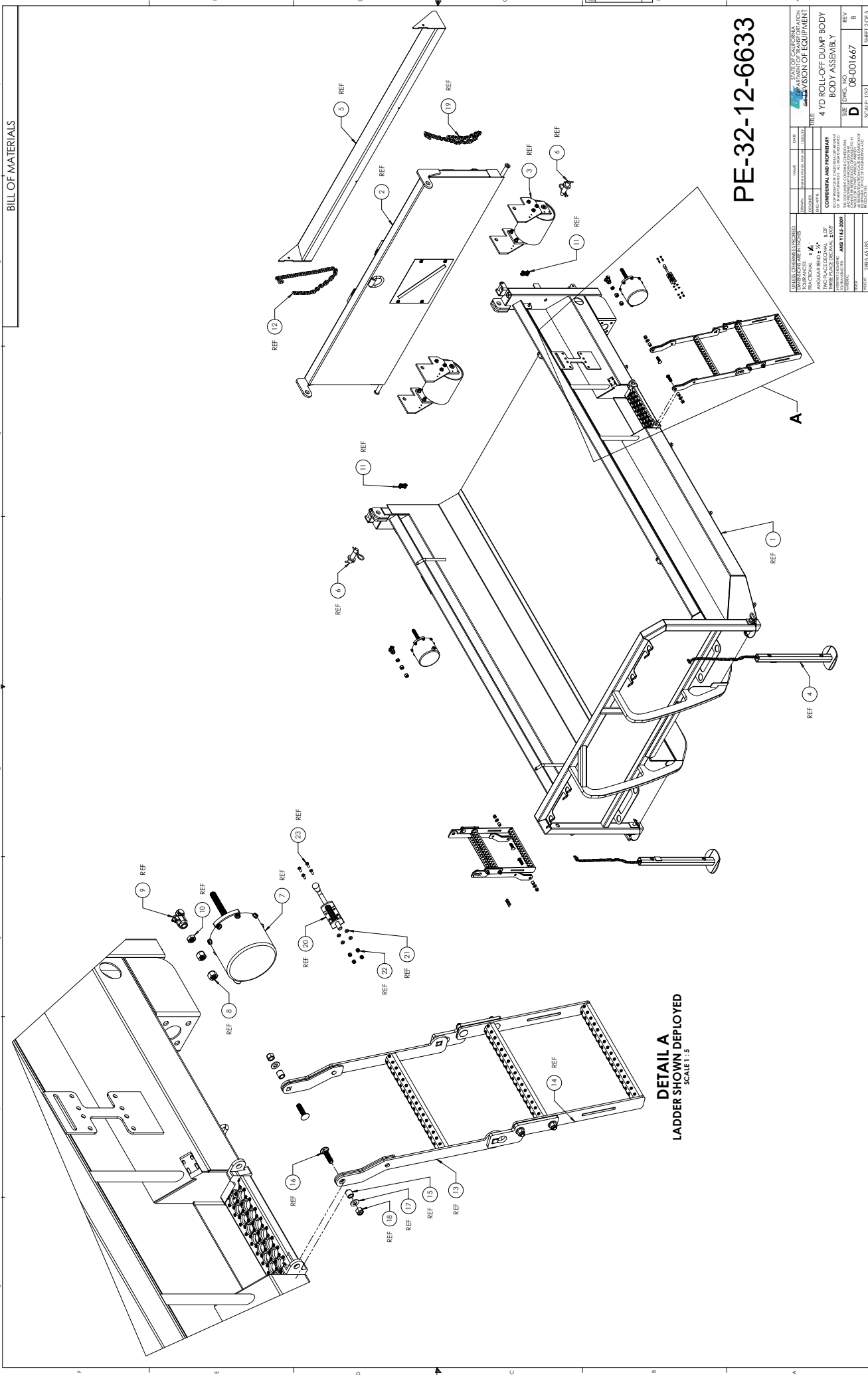
| BILL OF MATERIALS |      |                                                                                                                                                                             | SUPPLIER/PAVING PART NO.              | CALTRANS PART NO. |
|-------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                                                                                                 |                                       |                   |
| 1                 | 1    | 4-YD ROLL-OFF DUMP BODY WELDMENT                                                                                                                                            |                                       | 08-001.648        |
| 2                 | 1    | 4-CY DUMP BODY COMPONENTS                                                                                                                                                   |                                       | 06-000241         |
| 3                 | 2    | ROLL-OFF WHEEL TAILGATES                                                                                                                                                    |                                       | 06-000237         |
| 4                 | 2    | ADJUSTABLE STORAGE LEG                                                                                                                                                      |                                       |                   |
| 5                 | 1    | TAILGATE APRON, 4 YARD                                                                                                                                                      |                                       | 084175            |
| 6                 | 2    | SUB-ASSEMBLY, TAILGATE PIN                                                                                                                                                  |                                       | 04-000310         |
| 7                 | 2    | MAXIMAX 6-SERIES, FULL-TYPE SPRING-BRAKE, 24" STROKE, 60 LBS. SPRING, 8" PUSH ROD, 25" LONG, 1/2" DIA. PIN, 5/16" DIA. UNF. 2B. LOCKNUT, NYLON INSERT, 5/8" B. ZINC YELLOW. | HAIDEX PART # MA 15656                |                   |
| 8                 | 4    | STRENGTH STEEL, GRADE B, ZINC YELLOW.                                                                                                                                       |                                       |                   |
| 9                 | 2    | CLIP, 1/2" DIA. UNF. 2B. PIN, 5/16" DIA. UNF. 2B. CHROME PLATED, REPLACES CLEVIS PIN # MSMA459                                                                              | HAIDEX P. PART # IC72                 |                   |
| 10                | 2    | THIN HEX NUT (JAM), 5/8" B. ZINC YELLOW.                                                                                                                                    | MCMASTER CAR PART # 93180A25          |                   |
| 11                | 2    | TWIN CLEVIS LINK FOR 5/16" CHAIN                                                                                                                                            | CROSBY # 5.249 1012861                |                   |
| 12                | 1    | 5/16" GRADE 70 CHAIN, ZINC YELLOW                                                                                                                                           |                                       |                   |
| 13                | 2    | LADDER SUB-ASSEMBLY 1                                                                                                                                                       |                                       | 08-001.653        |
| 14                | 2    | LADDER SUB-ASSEMBLY 2                                                                                                                                                       |                                       | 08-001.658        |
| 15                | 4    | TUBE WELDED, 3/4" OD, 0.12" WALL THICKNESS, 316 STAINLESS STEEL                                                                                                             | MCMASTER CAR PART # 89992K651 1012861 | 08-001.654        |
| 16                | 4    | SQUARE-NECK CARRIAGE BOLT, 1/2"-13 UNC-2A X 2.00" LONG, 316 STAINLESS STEEL                                                                                                 | MCMASTER CAR PART # 93180A25          |                   |
| 17                | 4    | SAE FLAT WASHER, 1/2" SCREW SIZE, 1.042" OD, 316 STAINLESS STEEL                                                                                                            |                                       |                   |
| 18                | 4    | LOCKNUT, NYLON INSERT, 1/2"-13 UNC-2B, GRADE B, ZINC YELLOW-CHROMATE PLATED                                                                                                 |                                       |                   |
| 19                | 1    | CHROME PLATED, 48" LONG                                                                                                                                                     |                                       |                   |
| 20                | 2    | SPRING BOLT, 6-1/2" LONG, STAINLESS STEEL                                                                                                                                   | TCI # 556-0858053                     |                   |
| 21                | 8    | FLAT WASHER, GENERAL PURPOSE, 10, 10 SCREW SIZE, 7/16" OD, .02" -0.4" THICK, 18-8 STAINLESS STEEL                                                                           |                                       |                   |
| 22                | 8    | CONESS STEEL, 1/2" WIDT, 1/2" DIA. UNF. 2B.                                                                                                                                 | MCMASTER CAR PART # 93180A13          |                   |
| 23                | 8    | BUTTONHEAD CAP SCREW, 1/2-13 UNC-2B, 1/2" LONG, FULLY THREADED, STAINLESS STEEL                                                                                             |                                       |                   |

PE-32-12-6633

[illegible]

**CT # 071-1624**

BILL OF MATERIALS



PE-32-12-6633

|                                              |      |      |     |
|----------------------------------------------|------|------|-----|
| STATE OF CALIFORNIA<br>DIVISION OF EQUIPMENT | DATE | NAME | NO. |
| TITLE                                        | DATE | NAME | NO. |
| 4 YD ROLL-OFF DUMP BODY<br>BODY ASSEMBLY     | DATE | NAME | NO. |
| CONTRACT NO. 08-001667                       | DATE | NAME | NO. |
| REV. NO. B                                   | DATE | NAME | NO. |
| SCALE 1:32                                   | DATE | NAME | NO. |
| SHEET 2 OF 5                                 | DATE | NAME | NO. |



**VERIFY BOLT HOLES ARE FACING ROAD SIDE WHEN INSTALLING ROLLER ASSY.**



**VIEW B-B  
FROM SHT 1  
ITEM 5 - TAILGATE APRON - HIDDEN FOR CLARITY**  
SCALE 1"=8'

**VERIFY AIR PORTS ON BOTH  
SPRING BRAKES ARE FACING  
INBOARD.**

[illegible]

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**SECTION G-G**  
**LADDER SHOWN STOWED**  
 SCALE 7 : 16

**DETAIL F**  
 SCALE 7 : 16

**G**

|                            |  |                        |  |
|----------------------------|--|------------------------|--|
| UNLESS OTHERWISE SPECIFIED |  | STATE OF CALIFORNIA    |  |
| UNIFORM PREPARED BY        |  | DEPARTMENT OF PARADIGM |  |
| FRACTIONAL                 |  | DIVISION OF EQUIPMENT  |  |
| MATERIAL                   |  | DATE                   |  |
| EXCERPT                    |  | REVISION               |  |
| DRAWING                    |  | BY                     |  |
| CHECKED                    |  | DATE                   |  |
| APPROVED                   |  | DATE                   |  |

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**SIZE** DWG. NO. **REV**

**D** 08-001667 **B**

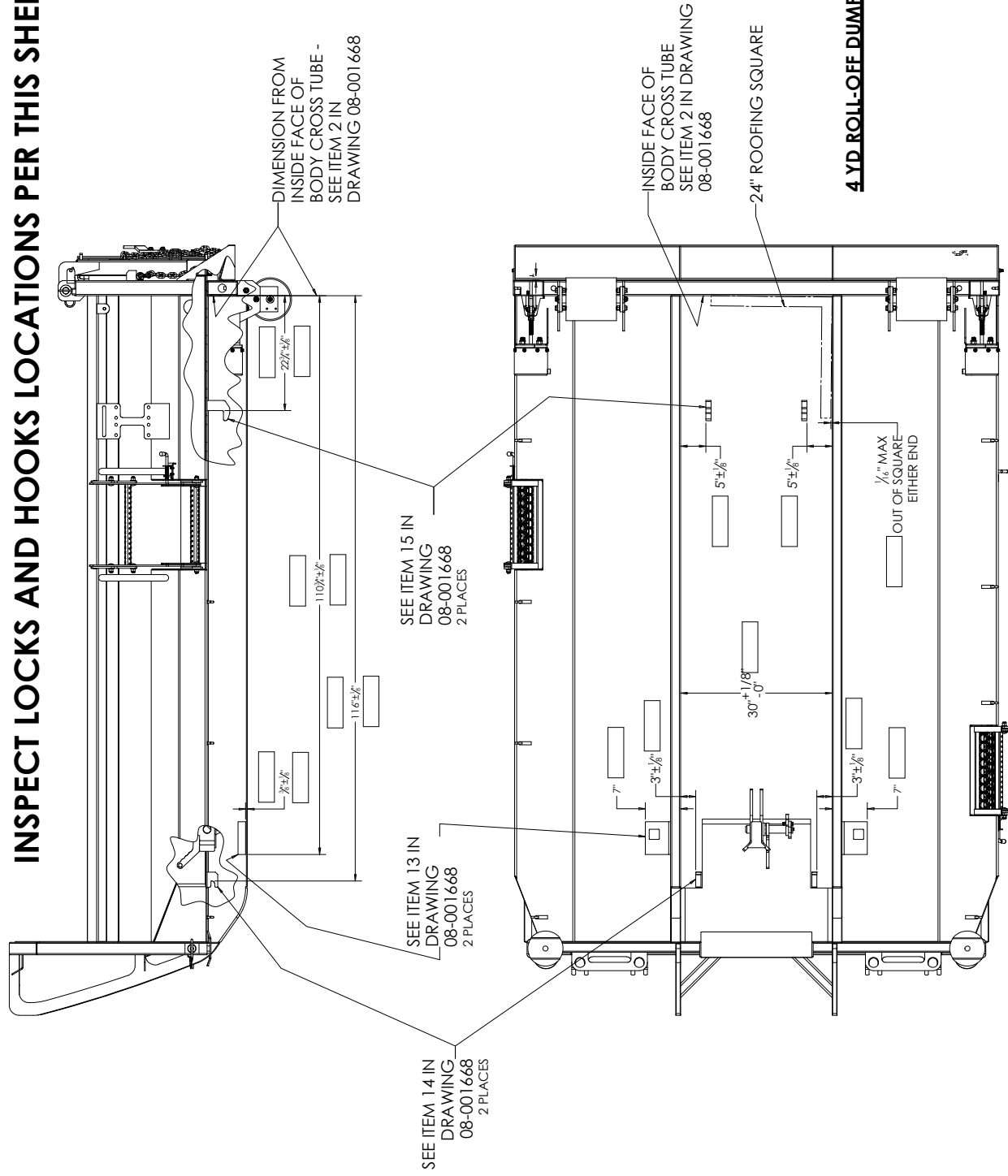
**SCALE** 1:4

**SHEET** 4 OF 5

# INSPECT LOCKS AND HOOKS LOCATIONS PER THIS SHEET

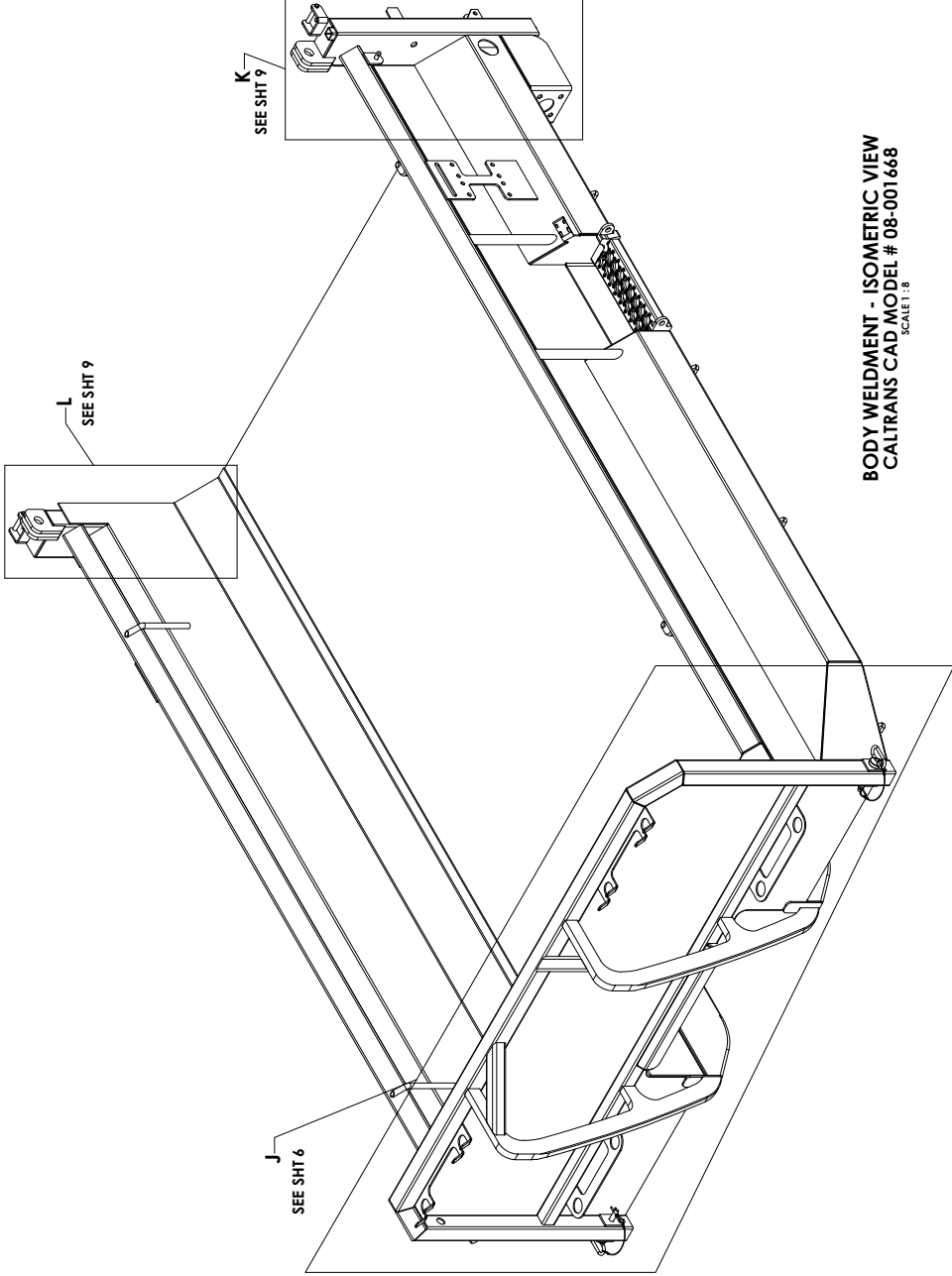
BILL OF MATERIALS

BODY SERIAL # \_\_\_\_\_  
INSPECTOR \_\_\_\_\_  
DATE \_\_\_\_\_



## 4 YD ROLL-OFF DUMP BODY LOCKS AND HOOKS INSTALL INSPECTION PE-32-12-6633

|                |      |          |      |          |
|----------------|------|----------|------|----------|
| REV            | DATE | APPROVED | DATE | APPROVED |
| 1 08/01/2008   |      |          |      |          |
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| 100 08/01/2008 |      |          |      |          |



BODY WELDMENT - ISOMETRIC VIEW  
CALTRANS CAD MODEL # 08-001668  
SCALE 1:8

SEE SEPARATE DRAWING

DETAIL IN SHT 11

SEE SEPARATE DRAWINGS

DETAIL IN SHT 11

DETAIL IN SHT 12

DETAIL IN SHT 13

SEE SHT 9

DETAIL IN SHT 14

DETAIL IN SHT 15

SEE SEPARATE DRAWING

DETAIL IN SHT 15

DETAIL IN SHT 16

SEE SEPARATE DRAWINGS

DETAIL IN SHT 16

DETAIL IN SHT 17

UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
2. SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
3. REMOVE MILL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS FROM METAL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN AND DRY BEFORE PAINTING.
4. ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [www.dot.ca.gov/hq/ehc](http://www.dot.ca.gov/hq/ehc) FOR EQUIPMENT QUALITY STANDARDS.
5. THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. USE PROPER PROCEDURES AND SEQUENCE OF WELDING TO AVOID UNDESIRABLE DISTORTION, AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
6. ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. SIZE OF ALL APPLICABLE WELDS TO BE AT LEAST THE THICKNESS OF THE THINNER PARTS. WELDS TO BE UNIFORM AND NEAT IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
7. SEALANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS NOT WELDED CONTINUOUS. SEAL USING SIKAFLEX-231 UV RESISTANT, WHITE COLOR MANUFACTURED BY Sika Corporation.
8. CRITICAL DIMENSION. SYMBOL  DENOTES INSPECTION DIMENSION.
9. APPLY WELDABLE PRIMER (RUST PREVENTIVE COATING) TEMPAL® ALUMINIZED BOXIDE, OR EQUIVALENT WELDABLE PRIMER.

PE-32-12-6633

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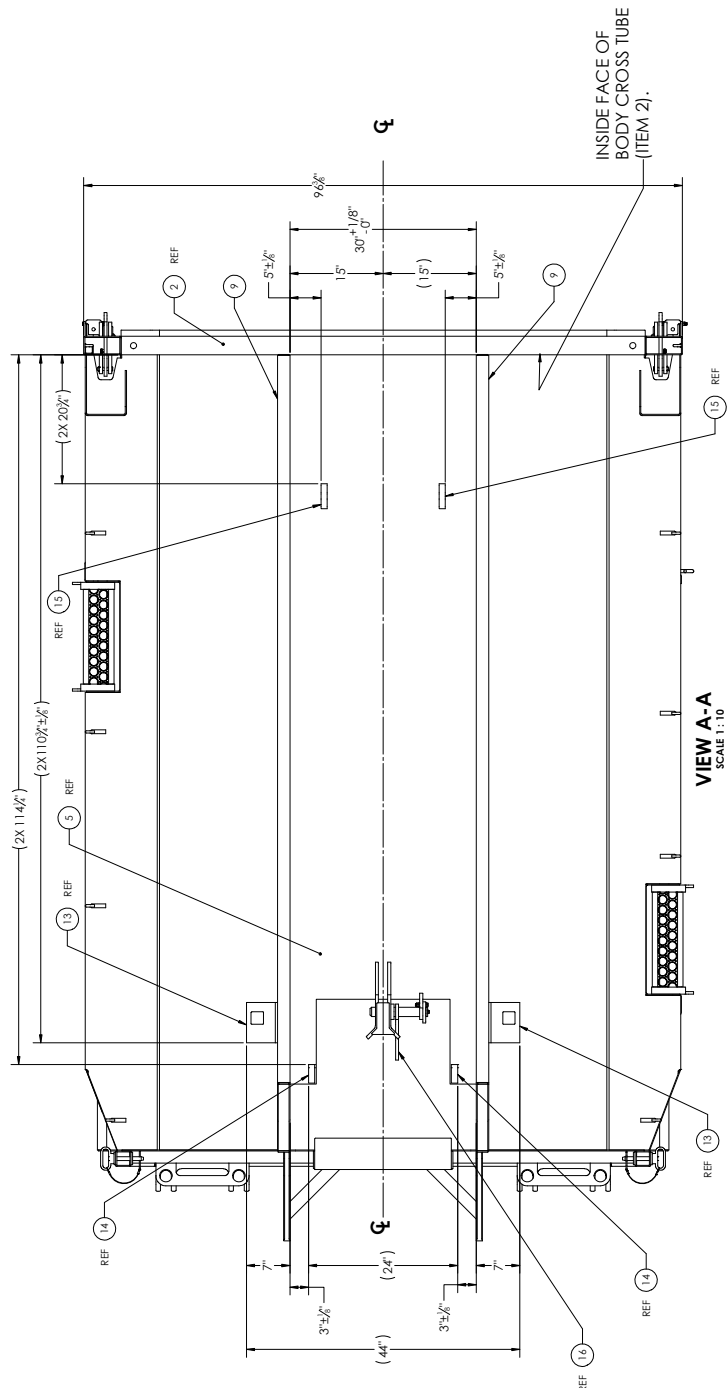
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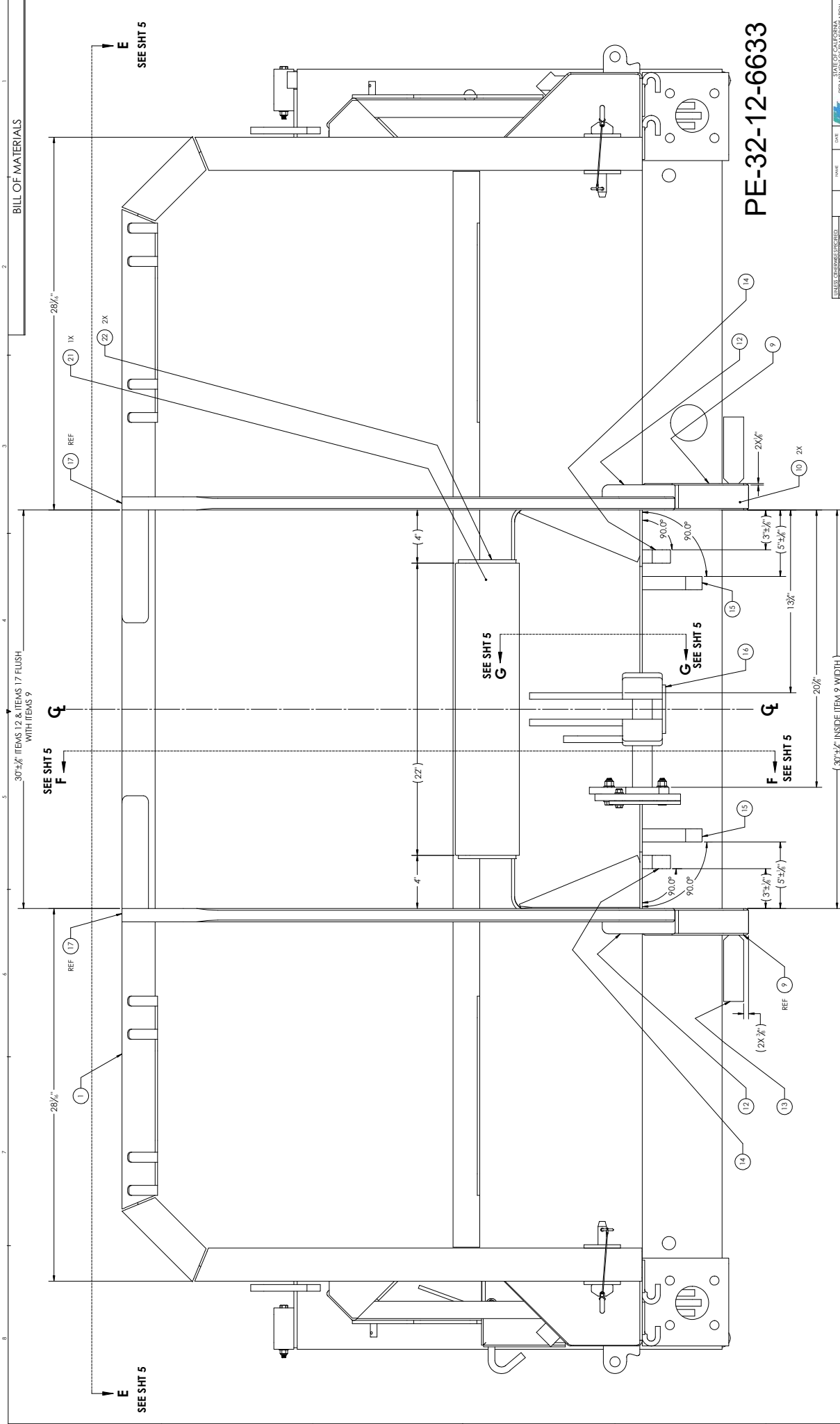
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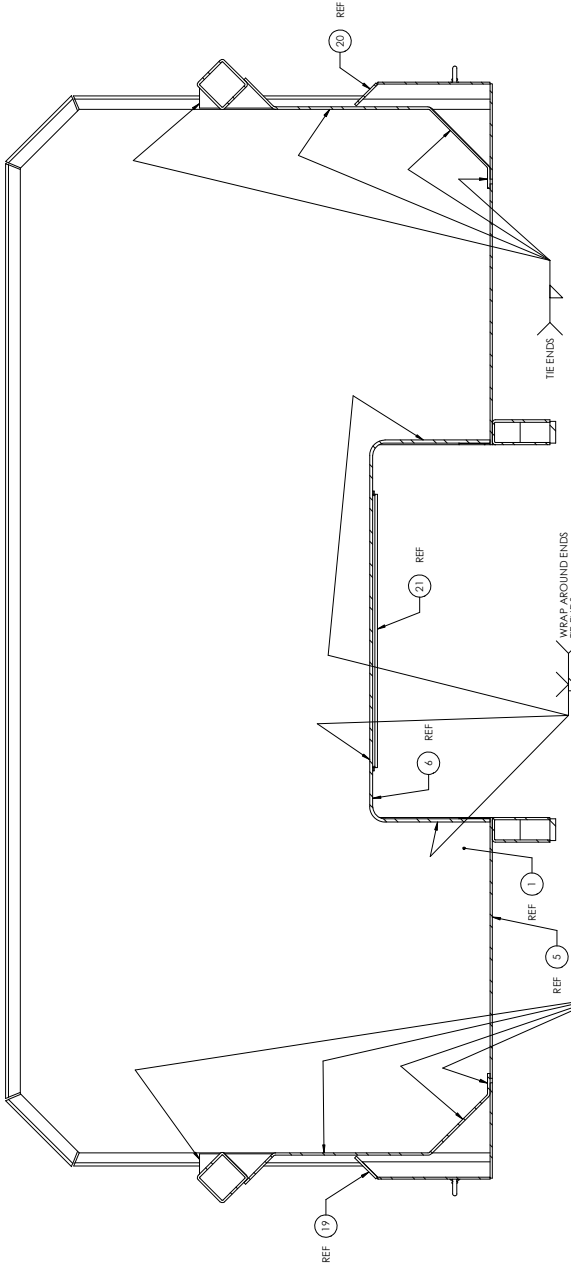


**VIEW A-A**  
**SCALE 1 : 10**

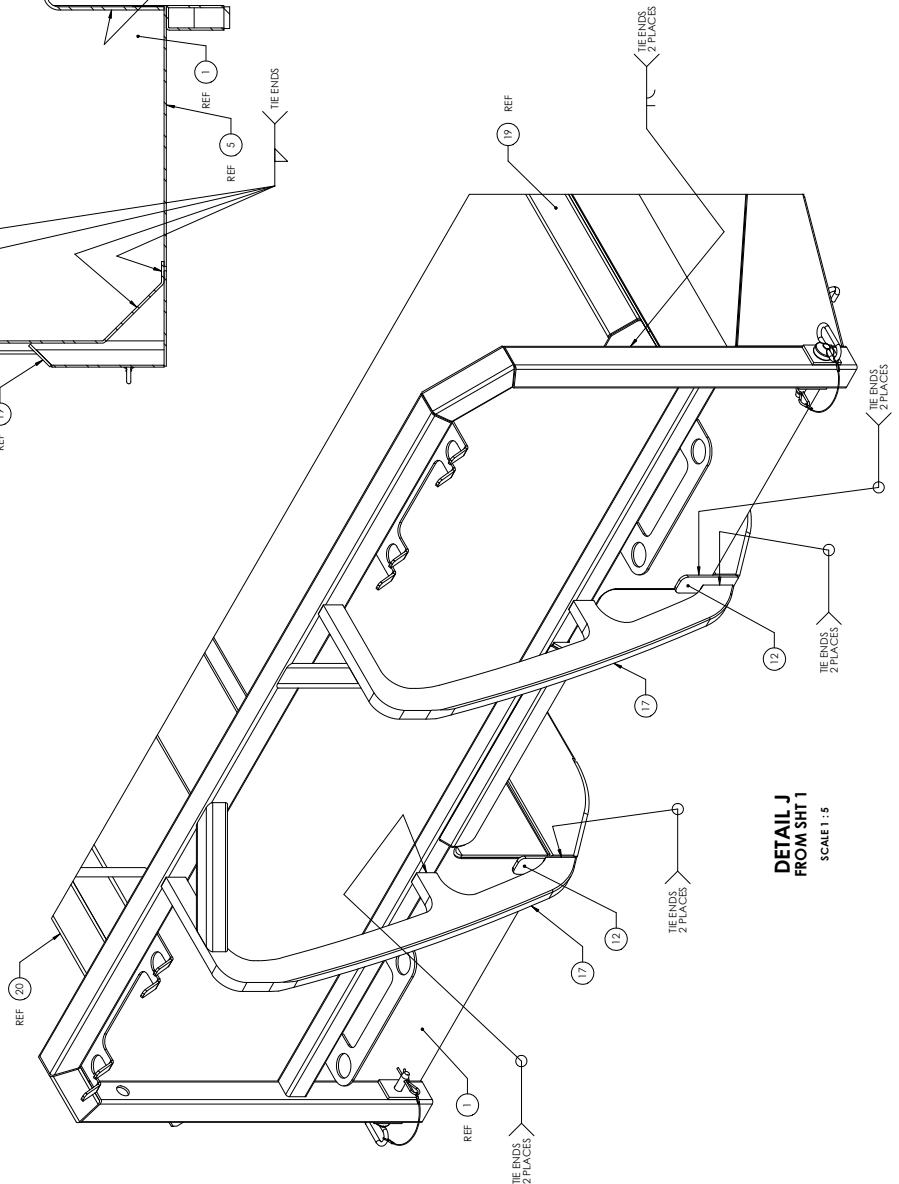




BILL OF MATERIALS



SECTION C-C  
FROM SHT 3  
SCALE 1:5



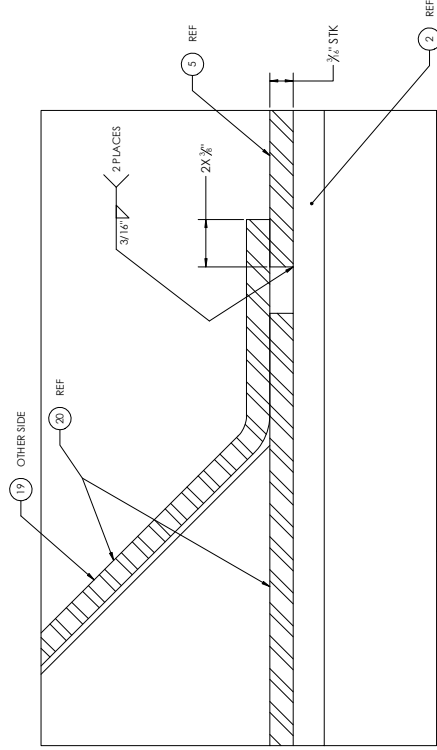
DETAIL J  
FROM SHT 1  
SCALE 1:5

PE-32-12-6633

|                                                                      |               |           |         |
|----------------------------------------------------------------------|---------------|-----------|---------|
| STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | DATE          | NAME      | DATE    |
| PROJECT                                                              | PROJECT       | PROJECT   | PROJECT |
| 4 YD ROLL-OFF DUMP BODY<br>BODY WELDMENT                             | SIZE          | DWG. NO.  | REV.    |
|                                                                      | D             | 08-001668 | B       |
| SCALE 1/4"                                                           | SHEET 1 OF 17 |           |         |

PE-32-12-6633

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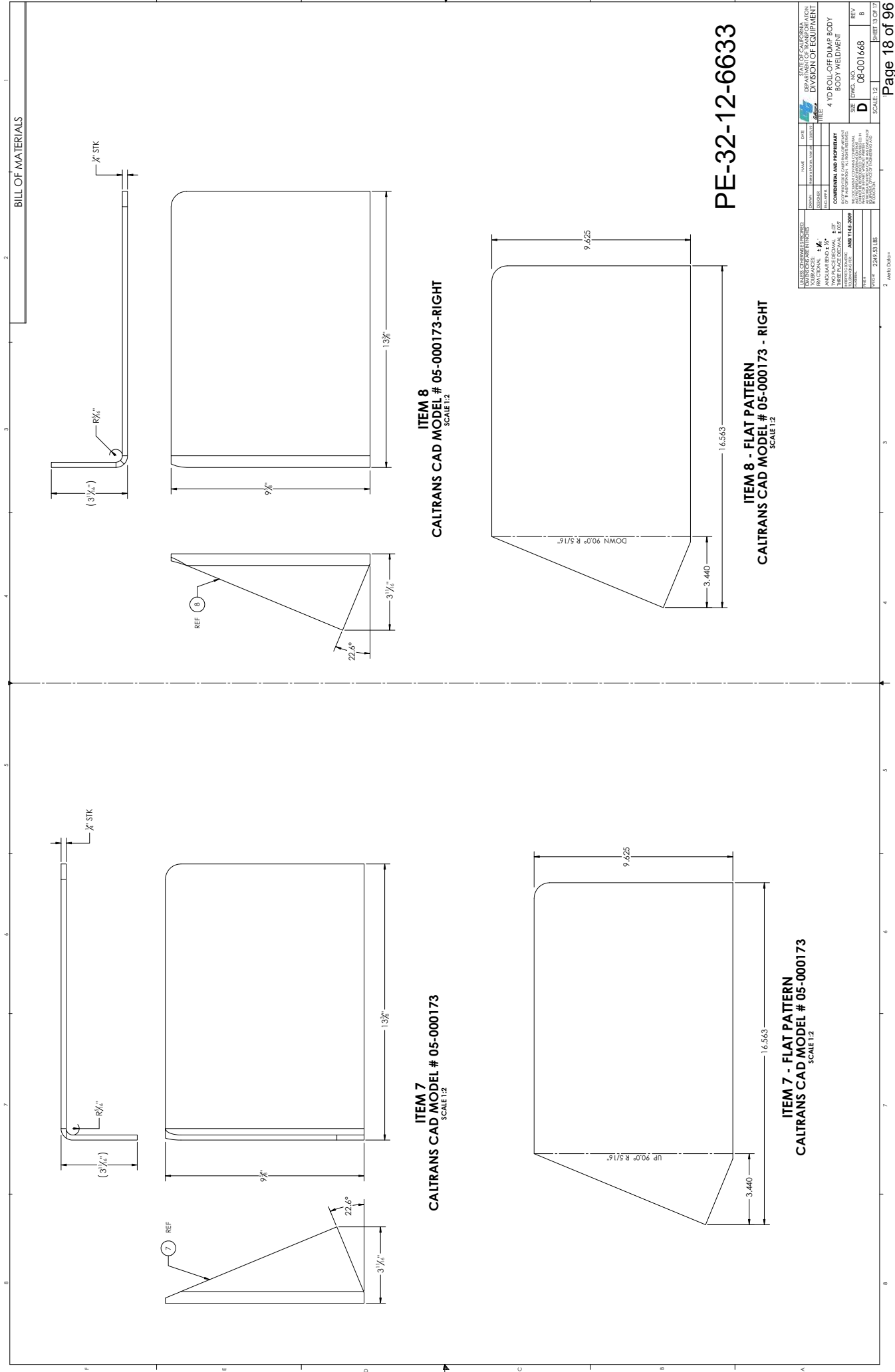
**WELDMENT ASSEMBLY - REAR VIEW**  
CALTRANS CAD # 08-001668

|                                                                                          |  |                                                                                       |  |                                                                                                                                           |  |
|------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------|--|
| UNIT'S ORIGINATING<br>AGENCY                                                             |  | DATE                                                                                  |  |  DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT |  |
| TOURANCES                                                                                |  | TITLE                                                                                 |  | 4 YD ROLL-OFF DUMP BODY<br>BODY WELDMENT                                                                                                  |  |
| REGIONAL $\pm$ #<br>ANGLAR BECK 1257A, 1205<br>TREE BRIDGE DRIVE, LOS<br>ANGELES, CALIF. |  | CONSTRUCTION AND PROPERTY<br>1257A, 1205<br>TREE BRIDGE DRIVE, LOS<br>ANGELES, CALIF. |  | REV<br>08-001668                                                                                                                          |  |
| INVENTORY CONTROL<br>1257A, 1205<br>TREE BRIDGE DRIVE, LOS<br>ANGELES, CALIF.            |  | DRAWN<br>1257A, 1205<br>TREE BRIDGE DRIVE, LOS<br>ANGELES, CALIF.                     |  | SIZE<br>1257A, 1205<br>TREE BRIDGE DRIVE, LOS<br>ANGELES, CALIF.                                                                          |  |
| 1257A, 1205<br>TREE BRIDGE DRIVE, LOS<br>ANGELES, CALIF.                                 |  | 1257A, 1205<br>TREE BRIDGE DRIVE, LOS<br>ANGELES, CALIF.                              |  | SCALE 1/8" = 1'-0"                                                                                                                        |  |



|                                                                                                                                                                                                                                                                                                                                                                                                  |          |                                                                                             |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------|-----|
| UNITED STATES OF AMERICA<br>DEPARTMENT OF THE ARMY<br>HEADQUARTERS, ARMY<br>WASHINGTON, D.C. 20315-6000                                                                                                                                                                                                                                                                                          |          | STATE OF CALIFORNIA<br>DEPARTMENT OF INDUSTRIAL RELATIONS<br>DIVISION OF EQUIPMENT<br>TITLE |     |
|                                                                                                                                                                                                                                                                                                               |          |                                                                                             |     |
| NAME                                                                                                                                                                                                                                                                                                                                                                                             | DATE     | SIZE (DWG. NO.)                                                                             | REV |
| CHRYSLER                                                                                                                                                                                                                                                                                                                                                                                         | 08/01/88 | D                                                                                           | 001 |
| <p><b>CONDITIONAL AND PROPRIETARY</b></p> <p>THIS DRAWING IS THE PROPERTY OF CHRYSLER. IT IS TO BE USED FOR THE PURPOSES SPECIFIED HEREIN ONLY. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CHRYSLER.</p> |          |                                                                                             |     |
| <p>PROJECT: 72546 631 BK.</p> <p>FIGURE: 72546 631 BK.</p>                                                                                                                                                                                                                                                                                                                                       |          | <p>DATE: 08/01/88</p> <p>BY: 11/09/87</p>                                                   |     |

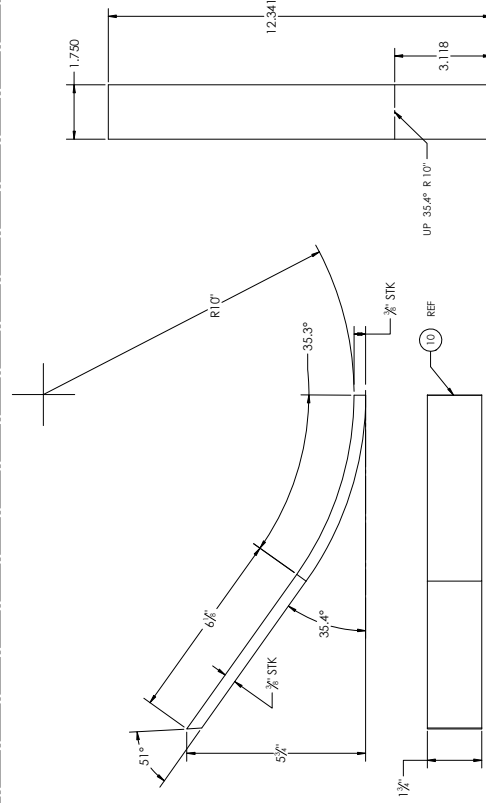




Technical drawing of a mechanical part, likely a bracket or arm, showing dimensions and a reference point. The drawing includes a side view and a cross-sectional view.

**Dimensions:**

- Total length:  $128\frac{1}{8}"$
- Width:  $1\frac{1}{8}"$
- Height:  $10\frac{1}{4}"$
- Reference point: 9 REF
- Angle:  $54.6^\circ$
- Dimension:  $6"$
- Angle:  $(35.4^\circ)$
- Dimension:  $3\frac{1}{2}"$
- Dimension:  $4\frac{1}{2}"$
- Dimension:  $2\frac{1}{4}"$
- Radius:  $R 10"$
- Dimension:  $117\frac{1}{16}"$



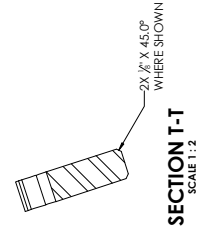
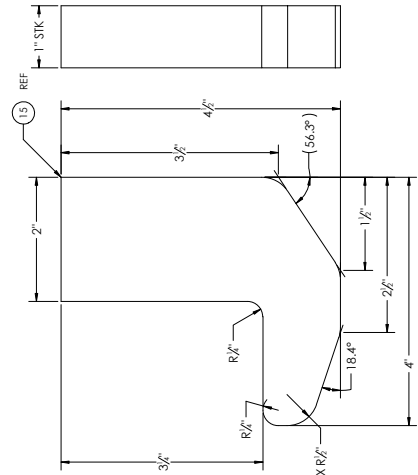
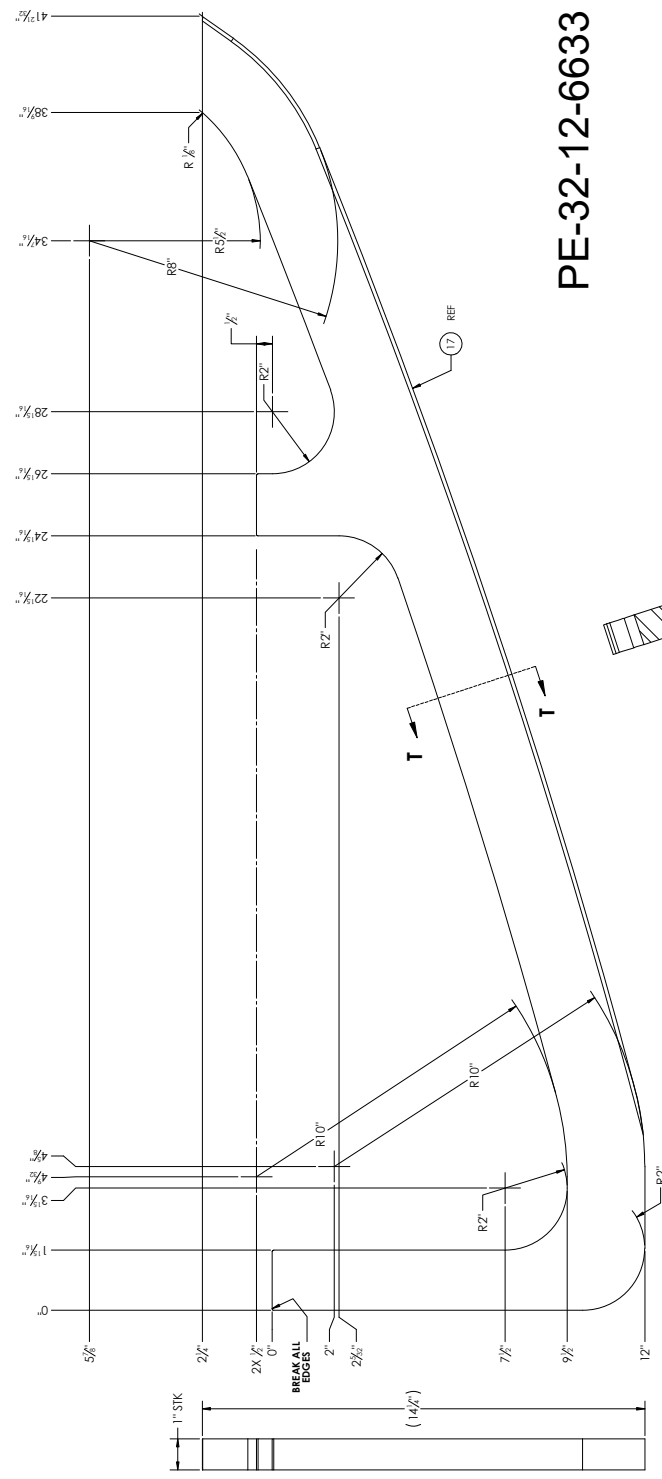
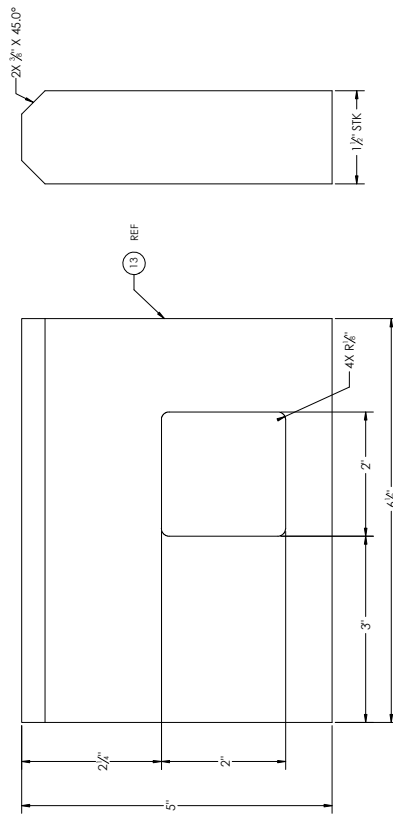
10 GA. STEEL  
(.1345" NOM THK)

Technical drawing of a square plate. The plate has a width of  $1\frac{7}{8}$ " and a height of  $1\frac{1}{8}$ ". The top-left corner is labeled "REF" and "4X R $\frac{1}{8}$ ". A circular feature with the number "11" inside is located at the top-left corner.

Technical drawing of a mechanical part showing top and side views with dimensions:

- Top View:**
  - Overall length:  $5\frac{1}{2}"$
  - Overall width:  $1\frac{9}{16}"$
  - Radius of the rounded ends:  $2X R_{\frac{1}{8}}$
  - Reference feature: (12) REF
- Side View:**
  - Overall height:  $\frac{1}{2}"$  SK

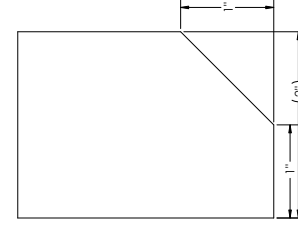
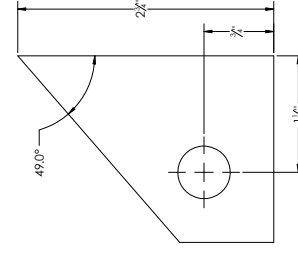
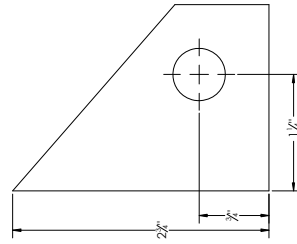
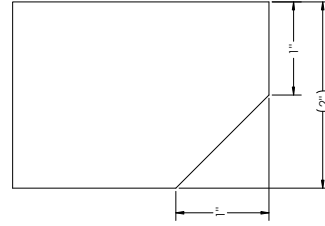
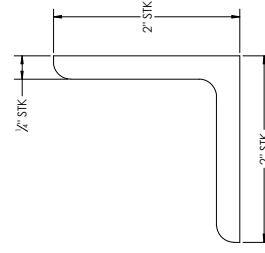
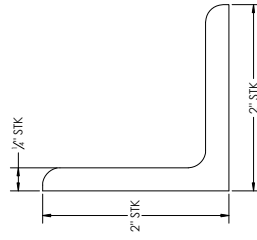
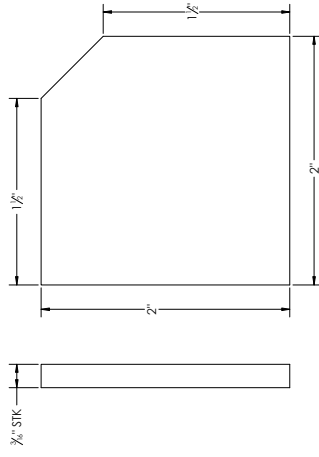
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PE-32-12-6633

|                                                                                                                                                                          |  |                                                                                                  |  |                                                                                    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE IN INCHES<br>FRACTIONS: 1/8"                                                                                            |  | DATE                                                                                             |  | STATE OF CALIFORNIA<br>DEPARTMENT OF INDUSTRIAL RELATIONS<br>DIVISION OF EQUIPMENT |  |
| DRAWN BY<br>C. J. HARRIS                                                                                                                                                 |  | TITLE                                                                                            |  | 4 YD ROLL-OFF DUMP BODY<br>BODY WELDMENT                                           |  |
| CHECKED BY<br>J. HARRIS                                                                                                                                                  |  | THICKNESS                                                                                        |  | DWG. NO.                                                                           |  |
| APPROVED BY<br>J. HARRIS                                                                                                                                                 |  | MATERIAL                                                                                         |  | REV                                                                                |  |
| DATE                                                                                                                                                                     |  | DATE                                                                                             |  | D 06-001668 8                                                                      |  |
| TWO PAGES TOTAL, 2.00                                                                                                                                                    |  | CONSTRUCTION AND PROPERTY                                                                        |  | SCALE 1:1                                                                          |  |
| THIS DRAWING IS THE PROPERTY OF<br>THE DRAWING OFFICE AND IS NOT TO BE<br>REPRODUCED OR COPIED IN ANY MANNER<br>WITHOUT THE WRITTEN PERMISSION OF<br>THE DRAWING OFFICE. |  | NOT TO BE USED FOR ANY OTHER PROJECT<br>WITHOUT THE WRITTEN PERMISSION OF<br>THE DRAWING OFFICE. |  | SHEET 15 OF 17                                                                     |  |
| PROJECT: 22AP 331.05                                                                                                                                                     |  | DATE: 06-001668                                                                                  |  | SHEET 15 OF 17                                                                     |  |





PE-32-12-6633

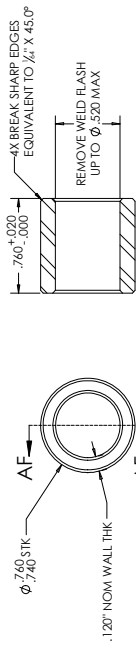
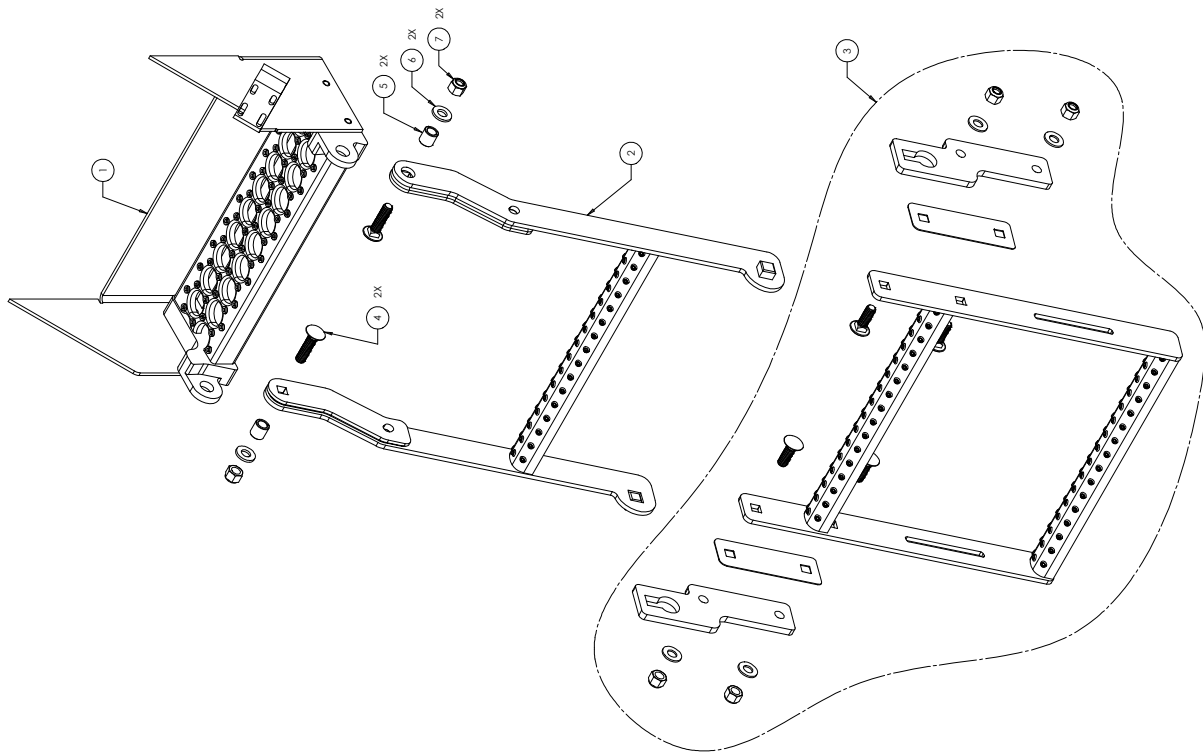
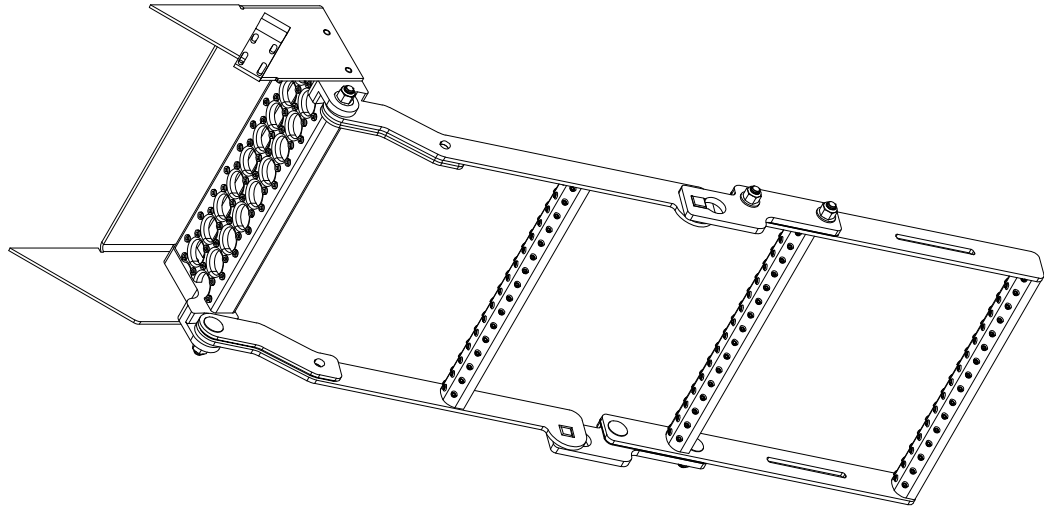
[illegible]

| BILL OF MATERIALS |      |                                                                             |                                 | CALTRANS PART NOS. |           |
|-------------------|------|-----------------------------------------------------------------------------|---------------------------------|--------------------|-----------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                 | SUPPLIER/AFG PART NOS.          |                    |           |
| 1                 | 1    | LADDER MOUNT WELDMENT                                                       |                                 | 08-001639          |           |
| 2                 | 1    | LADDER SUB-ASSEMBLY 1                                                       |                                 | 08-001653          |           |
| 3                 | 1    | LADDER SUB-ASSEMBLY 2                                                       |                                 | 08-001658          |           |
| 4                 | 2    | SQUARE-NECK CARRIAGE BOLT, 1/2"-13 UNC-2A X 2.00" LONG, 316 STAINLESS STEEL | MCMASTER-CARR PART # 91180A25   |                    |           |
| 5                 | 2    | TUBE, WELDED, 3/4" O.D., 0.12" WALL THICKNESS, 316 STAINLESS STEEL          | MCMASTER-CARR PART # 80060-0001 |                    | 08-001654 |
| 6                 | 2    | 3/4" FLAT WASHER, 1/2" SCREW SIZE, 1.062" OD, 316 STAINLESS STEEL           |                                 |                    |           |
| 7                 | 2    | LOCKWIT NYLON INSERT, 1/2"-13 UNC-2B, GRADE 6, ZINC YELLOW-CHROMATE PLATED  |                                 |                    | 904-8055  |

SEE SHT 2

SEE SHT 5

SEE SHT 8



**SECTION AF-AF**  
SCALE 2:1

**ITEM 5**  
**CALTRANS CAD MODEL # 08-001654**  
SCALE 2:1

**UNLESS OTHERWISE SPECIFIED:**

1. REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
2. SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
3. REMOVE ALL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS. SURFACES SHALL BE CLEAN, AND DRY BEFORE PAINTING.
4. ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [www.dot.ca.gov/hq/6800/6800.htm](http://www.dot.ca.gov/hq/6800/6800.htm) TO VIEW EQUIPMENT QUALITY STANDARDS.
5. THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. IF NOT POSSIBLE, THE WORK SHALL BE POSITIONED TO AVOID NEEDLESS DISTORTION AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
6. ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. THE WELDS SHALL BE WELDED TO BRASS TO THE THICKNESS OF THE THINER OF THE TWO METALS. WELDS SHALL BE INSPECTED IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
7. SEAMANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS NOT WELDED CONTINUOUS. SEAL USING SIKAFLEX 921 UV RESISTANT, WHITE COLOR MANUFACTURED BY Sika CORPORATION.
8. CRITICAL DIMENSION. SYMBOL  DENOTES INSPECTION DIMENSION. APPLY WELDABLE PRIMER (RUST PREVENTIVE COATING) TEMPIL® ALUMINIZED BOXIDE, OR EQUIVALENT WELDABLE PRIMER.

**ASSEMBLY - LADDER SHOWN DEPLOYED**  
**CALTRANS CAD MODEL # 08-001664**  
SCALE 5:16

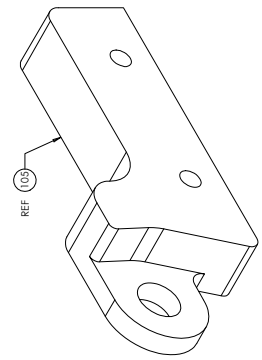
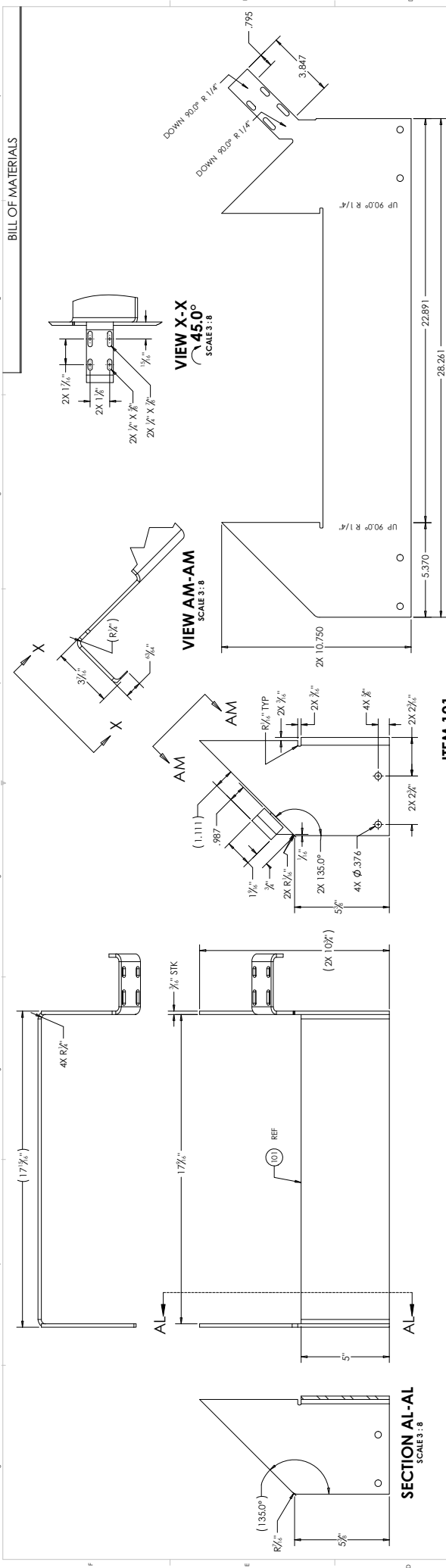
**ASSEMBLY - EXPLODED VIEW**  
**CALTRANS CAD MODEL # 08-001664**  
SCALE 5:16

**PE-32-12-6633**

|                    |  |              |              |
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| A. SHEET 8 OF 96   |  | LOCAL OFFICE | LOCAL OFFICE |
| B. SHEET 9 OF 96   |  | LOCAL OFFICE | LOCAL OFFICE |
| C. SHEET 10 OF 96  |  | LOCAL OFFICE | LOCAL OFFICE |
| D. SHEET 11 OF 96  |  | LOCAL OFFICE | LOCAL OFFICE |
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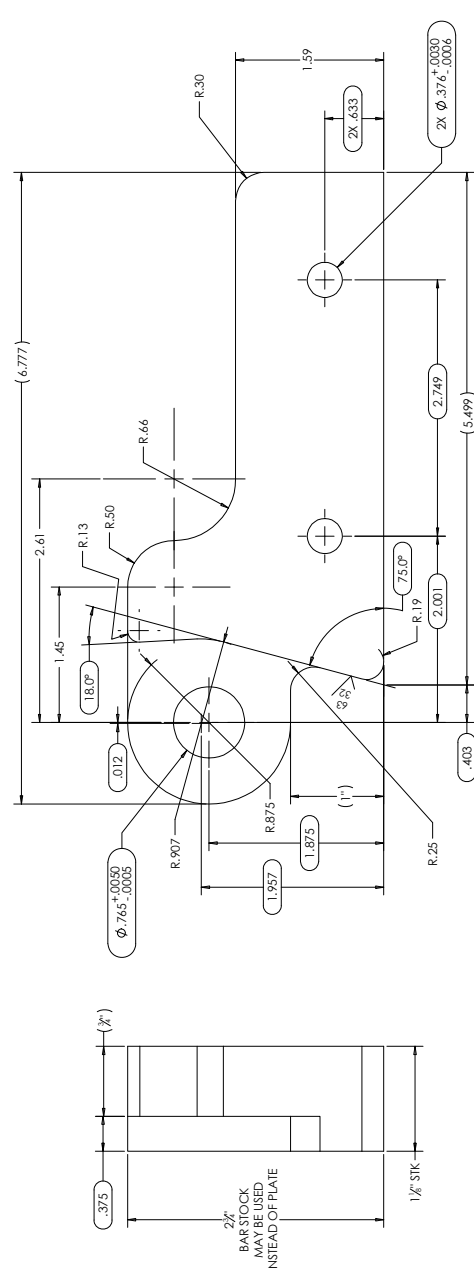


## BILL OF MATERIALS

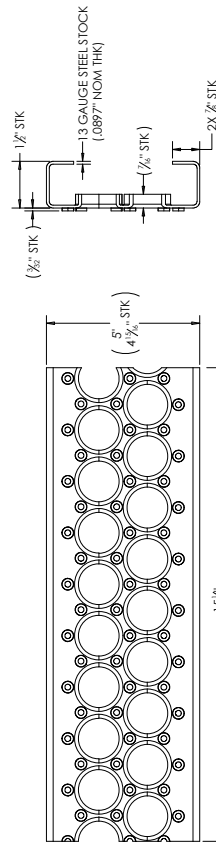
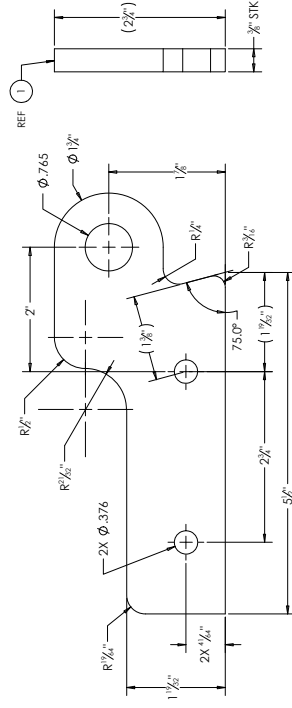
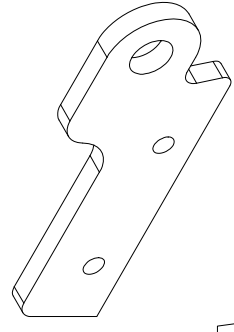
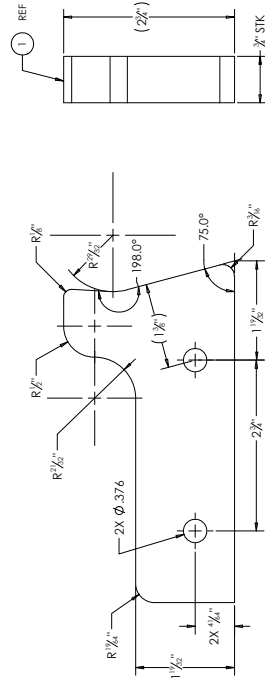
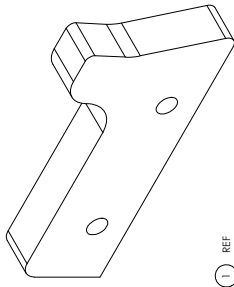


ITEM 105 - **PREFERRED**  
CALTRANS CAD MODEL # 08-001678  
SCALE 1 : 1

PE-32-12-6633

[illegible]



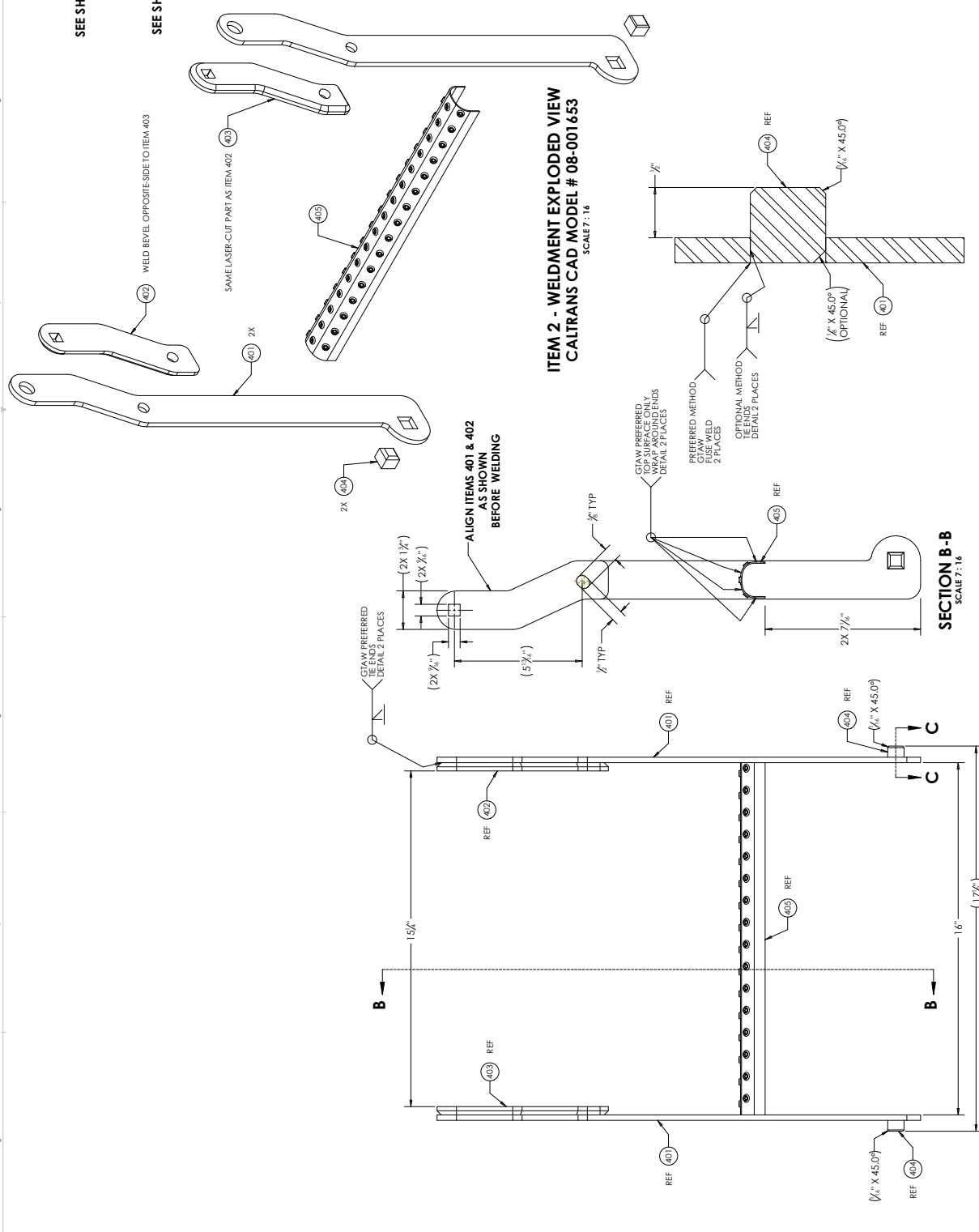


|                                                            |  |                       |  |                                                               |  |
|------------------------------------------------------------|--|-----------------------|--|---------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE IN INCHES |  | DRAWN<br>DATE<br>TIME |  | STATE OF CALIFORNIA<br>DEPARTMENT OF<br>DIVISION OF EQUIPMENT |  |
| TOLERANCES: $\pm .01$                                      |  | DESIGNED<br>DATE      |  | TITLE                                                         |  |
| ANGULAR BORE $\pm .01$                                     |  | ENG APPR.             |  | 4 YD ROLL-OFF DUMP BODY                                       |  |
| HOLE SIZE $\pm .01$                                        |  | DATE                  |  | 2019 LADDER ASSEMBLY                                          |  |
| HOLE POSITION $\pm .01$                                    |  | TIME                  |  | REV                                                           |  |
| HOLE DIA $\pm .01$                                         |  | DATE                  |  | SIZE DWG. NO.                                                 |  |
| HOLE THICK $\pm .01$                                       |  | TIME                  |  | 08-001664                                                     |  |
| HOLE DIA $\pm .01$                                         |  | DATE                  |  | SCALE 2:1                                                     |  |
| HOLE THICK $\pm .01$                                       |  | TIME                  |  | SHEET 5 OF 18                                                 |  |

| BILL OF MATERIALS |      |                                                                                                                                                                                                         |                       |
|-------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                                                                                                                             | SUPPLIER/JWG PART NO. |
| 401               | 2    | 1/4" NOM THK PLATE LASER QUALITY, 304 STAINLESS STEEL PER ASTM A240                                                                                                                                     | 08-001652             |
| 402               | 1    | 3/8" NOM THK PLATE LASER QUALITY, 304 STAINLESS STEEL PER ASTM A240 (WELD-BEVEL WAREHOUSE)                                                                                                              | 08-001655             |
| 403               | 1    | 3/8" NOM THK PLATE LASER QUALITY, 304 STAINLESS STEEL PER ASTM A240                                                                                                                                     | 08-001655             |
| 404               | 2    | 3/4" SQUARE BAR, ANNEALED AND COLD DRAWN, 304 STAINLESS STEEL                                                                                                                                           | 08-001657             |
| 405               | 1    | CUT TO REQUIRED LENGTH - LADDER RUNG, PLANK, TRACTION REDUCER, STAINLESS STEEL, TYPE 304, MILL FINISH, 1/6 GAUGE (0.025" THICK), 3" WIDE, 1-1/8" HOLE DIA, 1-1/8" HOLE CTR-TO-CTR, 1-1/8" CHANNEL DEPTH | 08-001660             |

SEE SHIT 7

SEE SHIT 8



ITEM 2 - WELDMENT EXPLODED VIEW  
CALTRANS CAD MODEL # 08-001653  
SCALE 7:16

ITEM 2 - WELDMENT ISOMETRIC VIEW  
SHOWN FOR REF ONLY  
SCALE 7:16

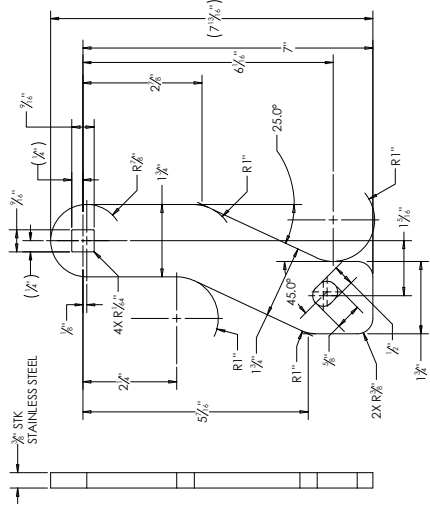
PE-32-12-6633

SECTION C-C  
DETAIL 2 PLACES  
SCALE 2:1

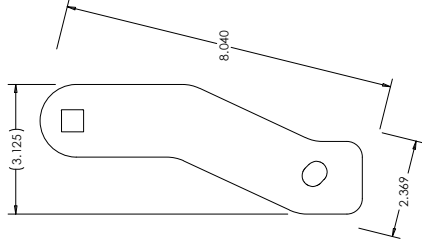
SECTION B-B  
SCALE 7:16

ITEM 2 - WELDMENT  
CALTRANS CAD MODEL # 08-001653  
SCALE 7:16

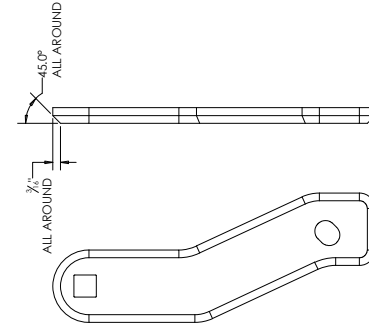
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| 18                         | EA   | 08/03/2019 | 18       |
| 19                         | EA   | 08/03/2019 | 19       |
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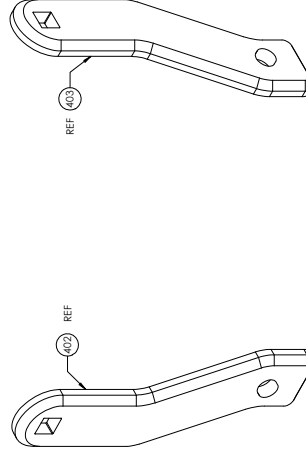
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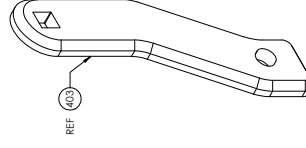
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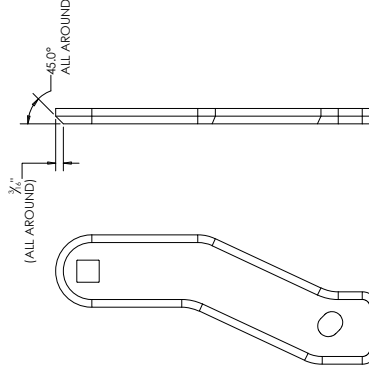
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SCALE 1:1.



SCALE 1:1.



SCALE 1:1.5

SCA

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PE-32-12-6633



2 Netto Data = 41.19 LBS SCALE: 8:1 SHEET 8 OF 18 'Page 30 of 96'

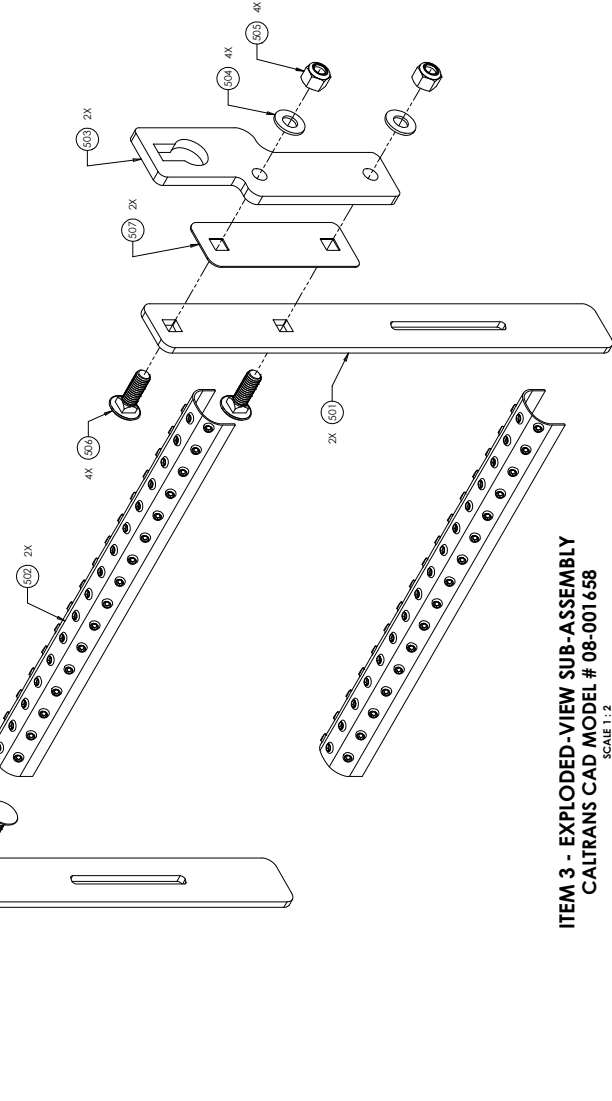
| BILL OF MATERIALS |      |                                                                                                                                |
|-------------------|------|--------------------------------------------------------------------------------------------------------------------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                                                    |
| 501               | 2    | 1/4" NOM THK PLATE, LASER QUALITY, 304 STAINLESS STEEL PER ASTM A240                                                           |
| 502               | 2    | CUT-TO-REQUIRED LENGTH - LADDER RUNG PLANK, TRACTION TREADS, STAINLESS STEEL, 3/16" NOM THK, 1-1/8" WIDE, 1-1/8" CHANNEL DEPTH |
| 503               | 2    | 3/8" NOM THK PLATE, LASER QUALITY, 304 STAINLESS STEEL PER ASTM A240                                                           |
| 504               | 4    | PLAT WASHER, 1/2" SCREW SIZE, 1-1/16" OD, .09"-.18" THK, SAE STEEL, GRADE 8, ZINC YELLOW, CHROMATE PLATED                      |
| 505               | 4    | HEX LOCKNUT, NYLON-INSERT, 1/2"-13 UNC-2B, 304 STAINLESS STEEL, GRADE 8, ZINC YELLOW, CHROMATE PLATED                          |
| 506               | 4    | SQUARE-NECK CARTRIDGE BOLT, 1/2"-13 UNC-2A, 1-1/2" LONG, 316 STAINLESS STEEL                                                   |
| 507               | 2    | 18 GA. 10 GAUG. 1/4" THK SHEET, DRY, LASER QUALITY, FINISH 2B, 304 STAINLESS STEEL PER ASTM A240                               |

SEE SHT 11

SAME AS ITEM 405 (SEE SHT 6)

SEE SHT 11

SEE SHT 11



ITEM 3 - EXPLODED-VIEW SUB-ASSEMBLY  
CALTRANS CAD MODEL # 08-001658  
SCALE 1:2

ITEM 3 - SUB-ASSEMBLY ISOMETRIC VIEW  
SHOWN FOR REF ONLY  
SCALE 1:2

PE-32-12-6633

| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES                                                                                                                                                                | DATE          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| FRACTIONAL: 1/16"                                                                                                                                                                                                   | 10/27/2016    |
| DECIMAL: 1/16"                                                                                                                                                                                                      |               |
| THREE PLACE DECIMAL: 1/16"                                                                                                                                                                                          |               |
| AND TOLERANCE: ±.005"                                                                                                                                                                                               |               |
| THIS DRAWING IS THE PROPERTY OF THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT PERMISSION IN WRITING FROM THE DIVISION OF HIGHWAYS. |               |
| SCALE: 1/8"                                                                                                                                                                                                         | SHEET 9 OF 18 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | STATE OF CALIFORNIA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT |  |
| DATE<br>1/1/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | REV<br>08-001664                                                             |  |
| TITLE<br>4 YD ROLL-OFF DUMP BODY<br>2019 LADDER ASSEMBLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | SCALE: 1/8"                                                                  |  |
| DRAWN<br>CJG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | SHEET 9 OF 18                                                                |  |
| CHECKED<br>CJG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                              |  |
| DESIGNED<br>CJG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                              |  |
| APPROVED<br>CJG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                              |  |
| <b>CONFIDENTIAL AND PROPRIETARY</b><br>FOR THE EXCLUSIVE USE OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. ALL RIGHTS ARE RESERVED.<br>THIS DRAWING IS THE PROPERTY OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. IT IS TO BE USED ONLY FOR THE PROJECT AND PURPOSE SPECIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. |  |                                                                              |  |





Technical drawing of a window frame assembly, showing a side view of the frame and a cross-section of the glass unit. The drawing includes labels for various components and dimensions.

SEE SHT 13

SEE SHT 14



PE-32-12-6633

2. **Media Data =**

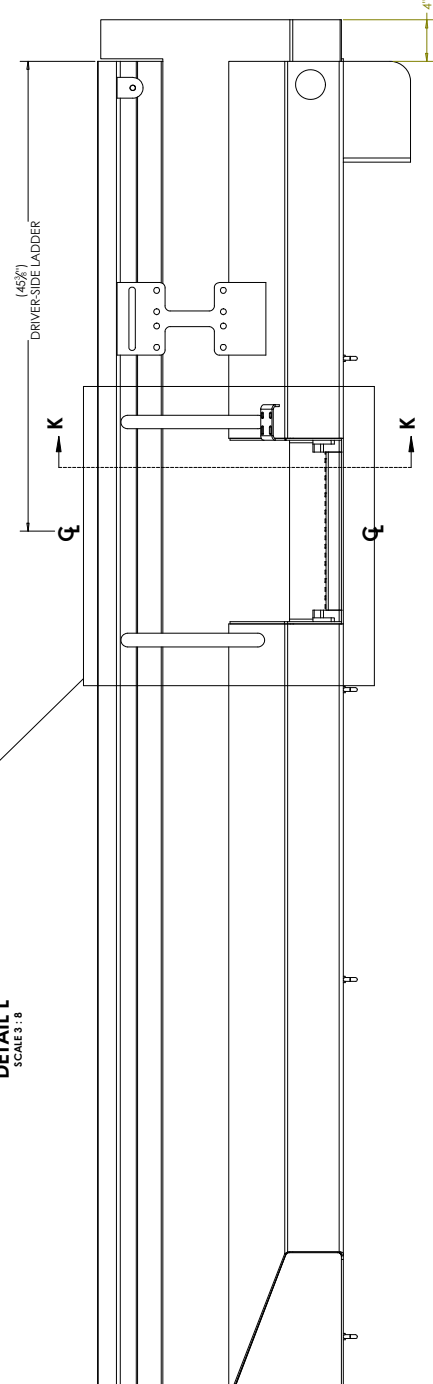
| BILL OF MATERIALS |      |                                                                                                   |                       | CALTRANS PART NOS. |  |
|-------------------|------|---------------------------------------------------------------------------------------------------|-----------------------|--------------------|--|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                       | SUPPLIER/AFG PART NO. |                    |  |
| 701               | 1    | 3/16" THK PLATE, A-36 STEEL, HOT ROLLED, PICKLED & OILED PER ASTM A-36                            |                       | 08-001672          |  |
| 702               | 1    | 3/16" X 24.75" X 132.0" LG. A-36 STEEL PLATE, ASTM A-36                                           |                       | 06-000261          |  |
| 703               | 1    | 5" X 1/8" WALL X 128.0" LG. SQUARE STEEL TUBING, ASTM A-500 GRADE B                               |                       | 04-000238          |  |
| 704               | 1    | 10GA (13.45 NOM) X 10.28125 X 13.875 LG. ASTM A-36 STEEL SHEET, HOT ROLLED, PICKLED & OILED       |                       | 06-000226          |  |
| 705               | 1    | 3/16" (10.188 NOM) X 4.551" X 72.868 LG. ASTM A-36 STEEL PLATE, HOT ROLLED, PICKLED & OILED STEEL |                       | 06-000236          |  |
| 706               | 2    | 3/4" HOT ROLLED A-36 STEEL ROUND BAR STOCK                                                        |                       | 04-000261          |  |
| 707               | 1    | 10 GA. (13.45 NOM) X 3.875 X 5.75 LG. ASTM A-36 STEEL SHEET, HOT ROLLED, PICKLED & OILED          |                       | 04-000264          |  |
| 708               | 4    | HOOK, PLAIN STEEL WELD-ON ROPE                                                                    | EBERHARD 166-A-01     | 905-1123           |  |
| 709               | 1    | 1/4" (250 NOM) ASTM A-36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                 |                       | 06-000249          |  |
| 710               | 1    | PIN, DOWEL, 1/2" DIA X 1.25" LG, ALLOY STEEL PER ASME B18.8.2, BEVELED ONE END                    |                       | 06-000265          |  |
| 711               | 1    | 1/4" (250 NOM) ASTM A-36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                 |                       | 06-000248          |  |
| 712               | 1    | LADDER MOUNT WELDMENT                                                                             |                       | 08-001639          |  |
| 713               | 2    | 1" SCH 40X 13.875 LG. 11.315 O.D. X 1.33 WALL PIPE, SIZE ERW STRUCTURAL STEEL PER ASTM A500 GR. C |                       | 04-000260          |  |

SEE ITEM 1 (SHEET 2)

WRAP AROUND ENDS

IEWS SHOWN FOR REFERENCE ONLY

DETAIL L  
SCALE 3 : 8



ITEM 619 - DRIVER-SIDE PANEL, 4-YD ROLL-OFF DUMP BODY WELDMENT  
CALTRANS CAD MODEL # 08-001669  
SCALE 1 : 8

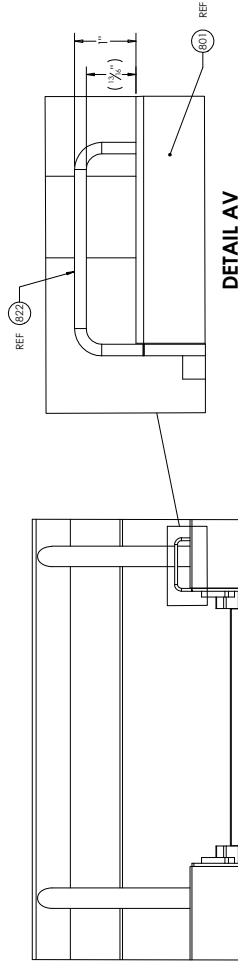
PE-32-12-6633

SECTION K-K  
SCALE 1 : 1.625

| UNLESS OTHERWISE SPECIFIED   | DATE | NAME | DATE | STATE OF CALIFORNIA |
|------------------------------|------|------|------|---------------------|
| ALL DIMENSIONS ARE IN INCHES |      |      |      |                     |
| FRACTIONS: 1/8"              |      |      |      |                     |
| DECIMALS: 1/16"              |      |      |      |                     |
| THREE PLACE DECIMAL: 1.235"  |      |      |      |                     |
| FOUR PLACE DECIMAL: 1.2345"  |      |      |      |                     |
| AND 1/16" 2009               |      |      |      |                     |
| REVISIONS                    |      |      |      |                     |
| NO. OF REVISIONS             |      |      |      |                     |
| DATE                         |      |      |      |                     |
| BY                           |      |      |      |                     |
| FOR                          |      |      |      |                     |
| SCALE: 1/16"                 |      |      |      |                     |
| SHEET 116                    |      |      |      |                     |



## BILL OF MATERIALS



VIEW AU-AU  
45.0°  
FROM SHT 14  
SCALE 1 : 4

**VIEWS SHOWN FOR REFERENCE ONLY**

PE-32-12-6633

[illegible]

SEE SHT 17

SEE SHT 17

SEE ITEM 2

SEE ITEM 3



**4 YD ROLL-OFF DUMP BODY ASSEMBLY**  
**CALTRANS CAD MODEL # 08-001667**

SEE SHT 17

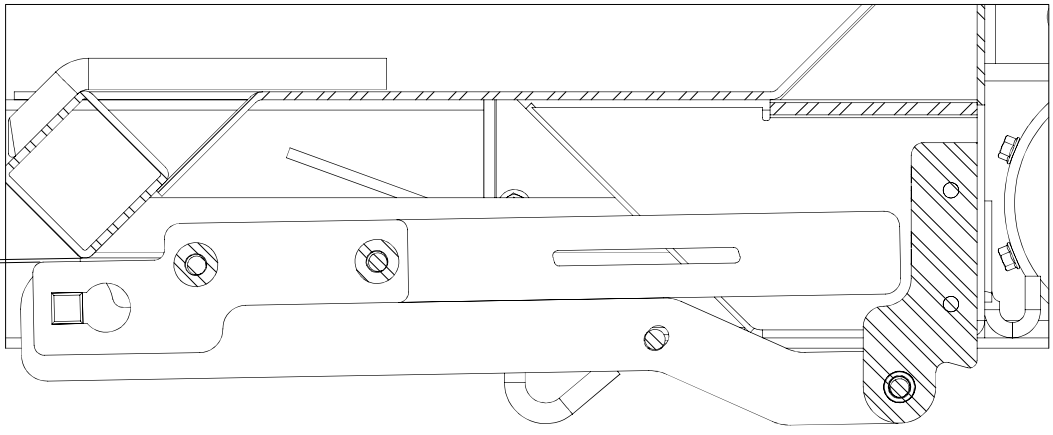
**DETAIL W**  
SCALE 1 : 2

ALIGN FRONT EDGE OF LATCH AS SHOWN  
SEE ALTERED ITEM DRAWING FOR INSTRUCTIONS ON DRILLING ADDITIONAL HOLES IN LATCH

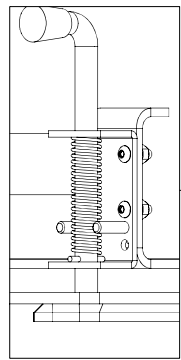
# **VIEWS SHOWN FOR REFERENCE ONLY**

BILL OF MATERIALS

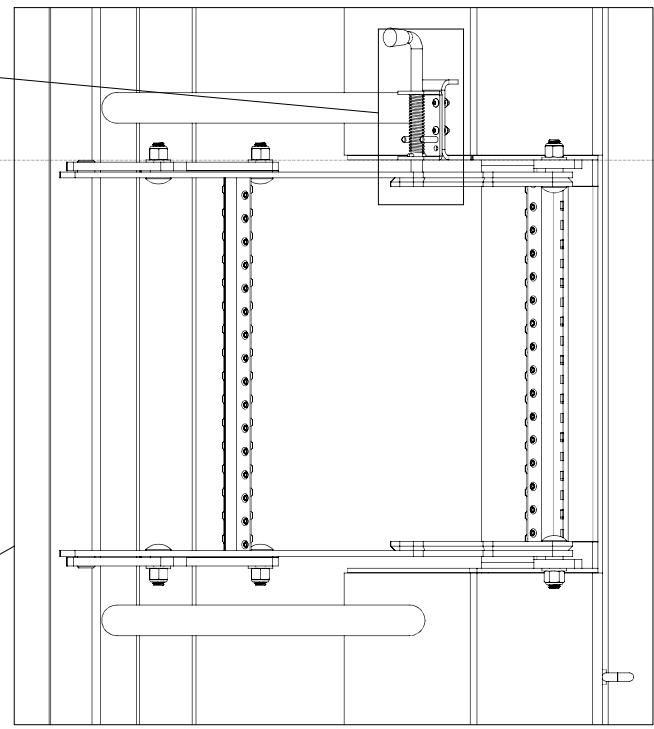
3/4" MIN. GAP  
WHEN LADDER IS LATCHED



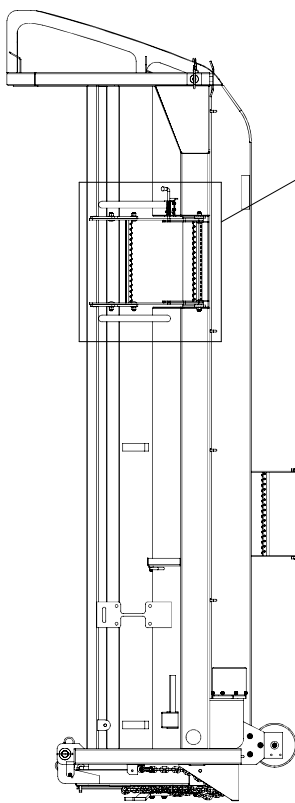
**SECTION AC-AC**  
SCALE 1:1.5



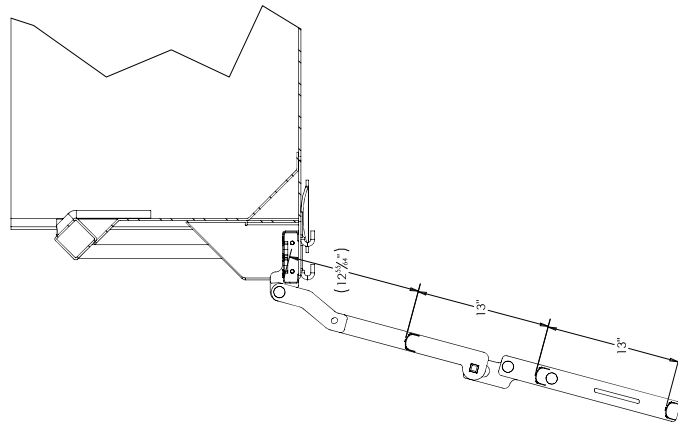
**DETAIL AD**  
LADDER SHOWN LATCHED  
SCALE 4:8



**DETAIL AB**  
LADDER SHOWN STOWED WITH  
ONE-LATCH OPTION PER LADDER  
SCALE 3:8



**VIEW AA-AA**  
FROM SHT 16  
180.0°  
SCALE 1:1.2

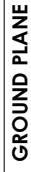


**SECTION Y-Y**  
LADDER SHOWN DEPLOYED  
FROM SHT 16  
SCALE 1:1.6

|                                                                              |             |             |                               |
|------------------------------------------------------------------------------|-------------|-------------|-------------------------------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT | DATE        | REVISION    | DESCRIPTION                   |
| 4 YD ROLL-OFF DUMP BODY<br>2019 LADDER ASSEMBLY                              | 08-001664   | 1           | CONSTRUCTION AND MODIFICATION |
| SHEET NO.                                                                    | 08-001664   | 1           | REVISION                      |
| SCALE 1:8                                                                    | SCALE 1:1.5 | SCALE 1:1.6 | SCALE 1:1.2                   |
| 41,419 LBS                                                                   | 41,419 LBS  | 41,419 LBS  | 41,419 LBS                    |

PE 32-12-6633

## BILL OF MATERIALS

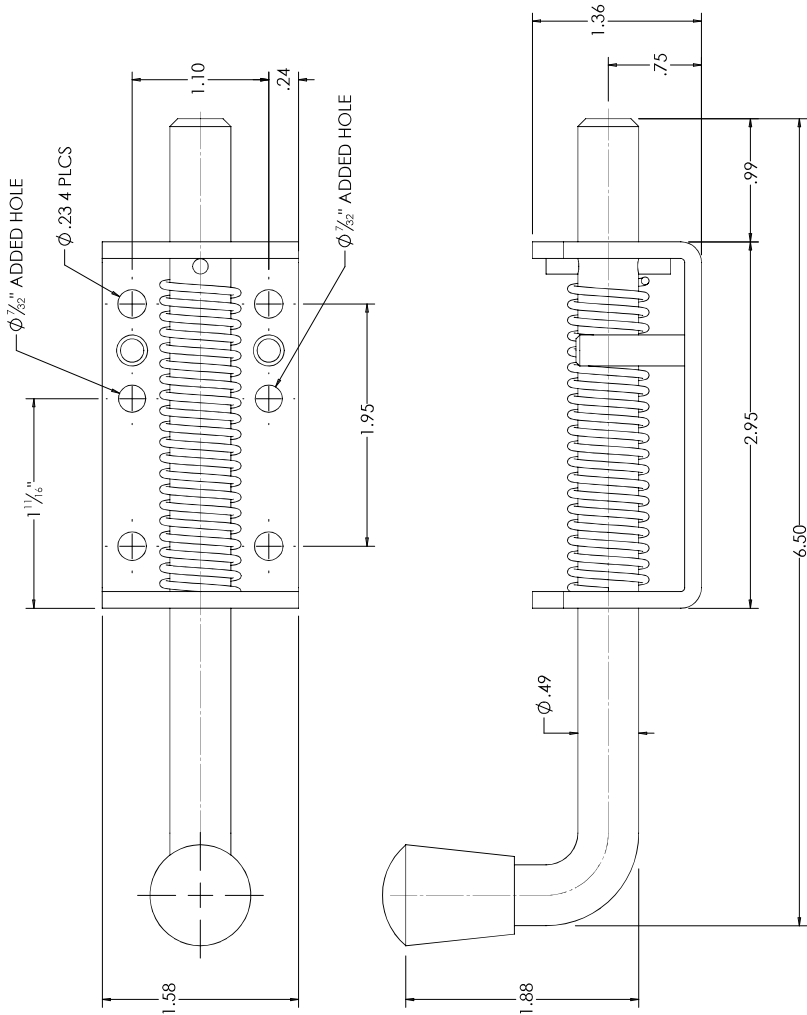


PE-32-12-6633

2.  $\text{Mg}^{2+}$  Defect =

ALTERED ITEM DRAWING:  
ITEM 1 SHOWS HOLES TO ADD TO  
STANDARD PART TCH PART # 556-6588805

| BILL OF MATERIALS |      |                                           |                                               |
|-------------------|------|-------------------------------------------|-----------------------------------------------|
| ITEM NO.          | QTY. | DESCRIPTION                               | SUPPLIER/MPG PART NO. / CALTRANS PART/EST NO. |
| 1                 | 1    | SPRING BOLT, 6-1/2" LONG, STAINLESS STEEL | 556-6588805 / 061703                          |



| ITEM | DESCRIPTION                               | DATE     | APPROVED |
|------|-------------------------------------------|----------|----------|
| 1    | SPRING BOLT, 6-1/2" LONG, STAINLESS STEEL | 06/17/03 | D        |
| 2    | SPRING BOLT, 6-1/2" LONG, STAINLESS STEEL | 06/17/03 | D        |

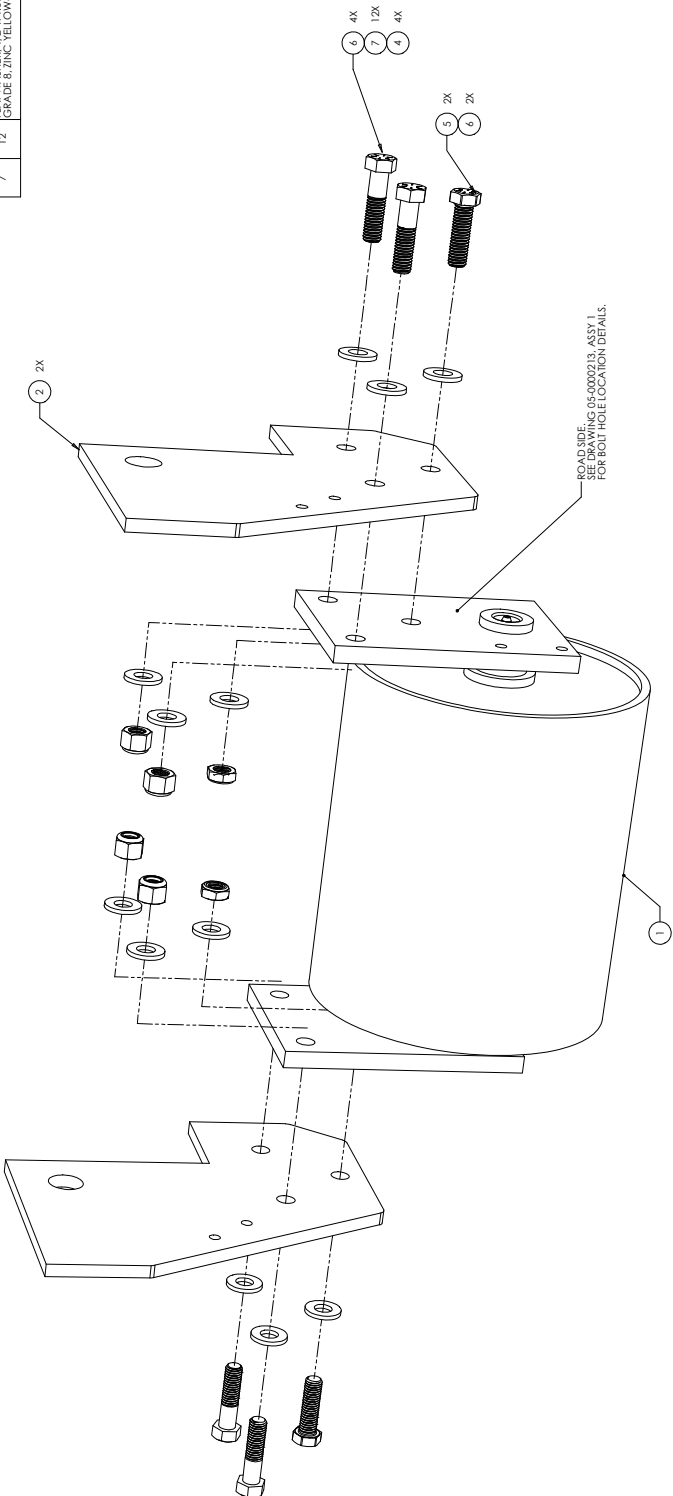
|                                                                              |                                  |
|------------------------------------------------------------------------------|----------------------------------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT | 6.5" STAINLESS STEEL SPRING BOLT |
| CONTRACT NO. 556-6588805                                                     | ITEM 1                           |
| SCALE: 1" = 1.00"                                                            | SCALE: 1" = 1.00"                |
| SHEET 1 OF 1                                                                 | SHEET 1 OF 1                     |

PE-32-12-6633

SEE DRAWING 05-0000213, ASSY 1.

SEE SHT 3

TIGHTEN FASTENERS AFTER ITEM 2 IS WELDED TO BODY .  
SEE DWG 08-001667, SHEET 3, FOR WELD DETAILS.



ROAD SIDE.  
SEE DRAWING 05-0000213, ASSY 1  
FOR BOLT HOLE LOCATION DETAILS.

| BILL OF MATERIALS |                                                                                                                                         |                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| ITEM NO.          | DESCRIPTION                                                                                                                             | SUPPLIER/ PART NO.      |
| 1                 | 8 DIA X 10" LONG STEEL ROLLER (8.5" DIA. WHEEL, 1/2" X 5 X 7" STEEL SIDE PLATES, 1.5" DIA. ROLLED STEEL SHAFT, AND DOUBLE TIEK FITTINGS | OFFPARTS.COM 4707119    |
| 2                 | 0.375 X 10 X 10.5 ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                                                     | 05-0000209              |
| 3                 | HEX HEAD CAP SCREW, 1/2-13 X 2, UNC-2A, YELLOW CHROMATE PLATED                                                                          | MCMASTER-CARR 9125A720  |
| 4                 | NYLON INSERT HEX LOCK NUT, 1/2-13 UNC-2B, ALLOY STEEL, GRADE 8, ZINC YELLOW-CHROMATE PLATED                                             | MCMASTER-CARR 97135A250 |
| 5                 | HEX HEAD CAP SCREW, 1/2-13 UNC-2A, 1.5" LONG, FULLY THREAD, GRADE 8, ZINC YELLOW-CHROMATE PLATED                                        | MCMASTER-CARR 9220A718  |
| 6                 | THIN NYLON INSERT HEX LOCK NUT, 1/2-13 UNC-2B, ALLOY STEEL, GRADE 8, ZINC YELLOW-CHROMATE PLATED                                        | MCMASTER-CARR 94645A224 |
| 7                 | 5/8 X WASHER, 1/2", 1.625 OD, ALLOY STEEL, GRADE 8, ZINC YELLOW-CHROMATE PLATED                                                         | MCMASTER-CARR 9823A333  |

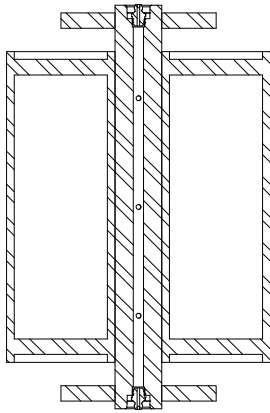
UNLESS OTHERWISE SPECIFIED:

- 1. REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DELIBERED TO ENSURE THEY ARE SAFE FOR HANDLING.
- 2. SOME DIMENSIONS MAY BE ROUNDED TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
- 3. REMOVE MILL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS FROM METAL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN, AND DRY BEFORE PAINTING.

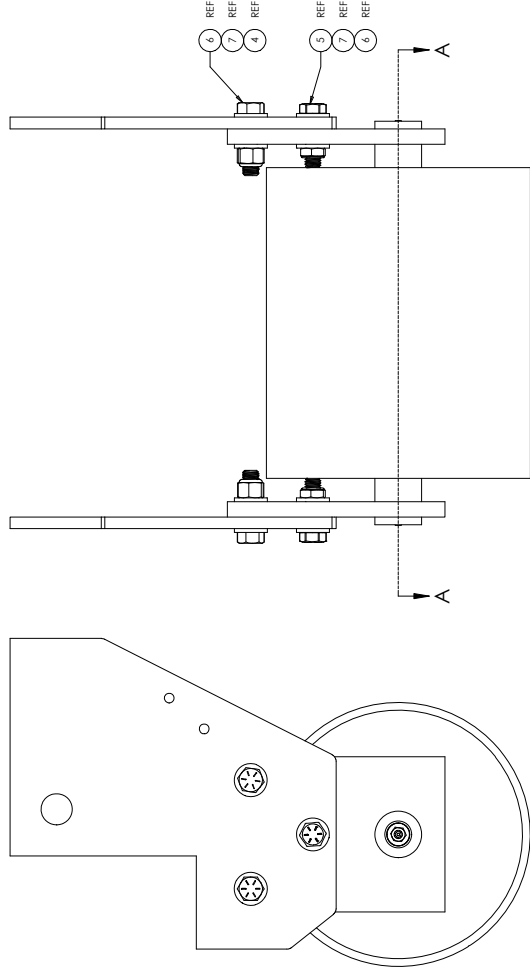
ROLL-OFF WHEEL ASSEMBLY - ROAD SIDE CONFIGURATION SHOWN  
CALTRANS CAD MODEL 06-000237  
SCALE 1:1.5

PE-32-12-6633

| REV                                                                                                                                                                                                                                                                                                                                         | DATE       | DESCRIPTION    | APPROVED |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|----------|
| 1                                                                                                                                                                                                                                                                                                                                           | 01/19/2006 | MAIL WAREHOUSE | 1501P    |
| UNLESS OTHERWISE SPECIFIED, THIS DRAWING SHALL BE USED FOR THE DESIGN OF THE PROJECT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST REVISIONS OF THIS DRAWING. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST REVISIONS OF THIS DRAWING. THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE LATEST REVISIONS OF THIS DRAWING. |            |                |          |
| STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT                                                                                                                                                                                                                                                                        |            |                |          |
| 4-YD ROLL-OFF DUMP BODY<br>ROLL-OFF WHEEL COMPONENTS                                                                                                                                                                                                                                                                                        |            |                |          |
| SIZE: DWG. NO. 06-000237                                                                                                                                                                                                                                                                                                                    |            |                |          |
| SCALE: 1:1.5                                                                                                                                                                                                                                                                                                                                |            |                |          |
| SHEET 1 OF 3                                                                                                                                                                                                                                                                                                                                |            |                |          |

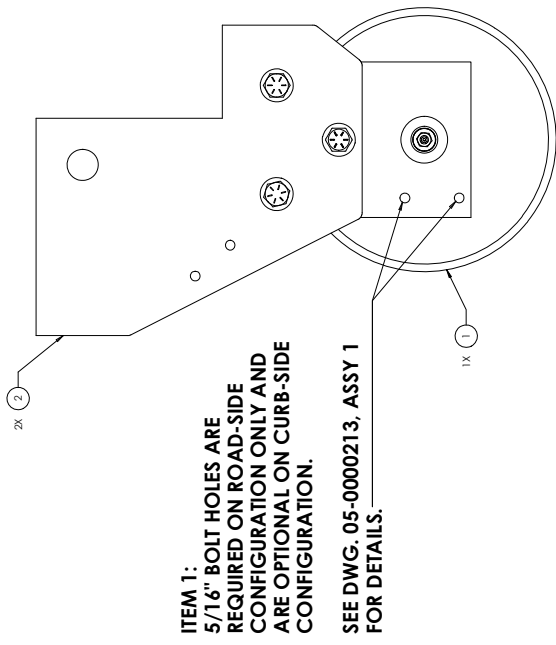


SECTION A-A  
SCALE 1:2



ROLL-OFF WHEEL ASSEMBLY  
CALTRANS CAD MODEL 06-000237  
SCALE 1:2

ROLL-OFF WHEEL ASSEMBLY  
ROAD-SIDE CONFIGURATION SHOWN  
CALTRANS CAD MODEL 06-000237  
SCALE 1:2



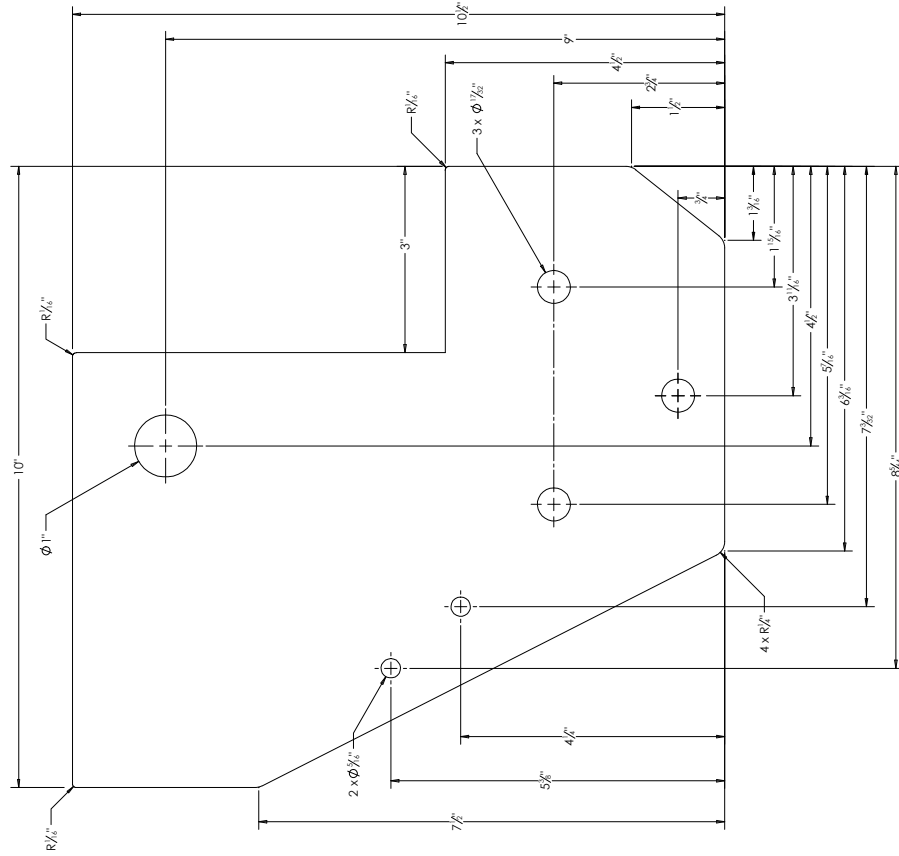
ITEM 1:  
5/16" BOLT HOLES ARE  
REQUIRED ON ROAD-SIDE  
CONFIGURATION ONLY AND  
ARE OPTIONAL ON CURB-SIDE  
CONFIGURATION.  
SEE DWG. 05-0000213, ASSY 1  
FOR DETAILS.

ROLL-OFF WHEEL ASSEMBLY  
CALTRANS CAD MODEL 06-000237  
SCALE 1:2

PE-32-12-6633

| REV | DATE       | BY             | APP      | DESCRIPTION |
|-----|------------|----------------|----------|-------------|
| A   | 05/12/2004 | BAILEY, VALENT | APPROVED |             |

|                                                                              |                                                      |
|------------------------------------------------------------------------------|------------------------------------------------------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT | 4-YD ROLL-OFF DUMP BODY<br>ROLL-OFF WHEEL COMPONENTS |
| CONTRACT NO. 06-000237                                                       | REV. NO. 06-000237                                   |
| DATE 05/12/2004                                                              | SCALE 1:2                                            |
| SHEET 2 OF 3                                                                 |                                                      |



ITEM 2  
CALTRANS CAD MODEL 05-0000209  
AVAILABLE ON REQUEST  
SCALE 1:1

PE-32-12-6633

|                                                                      |                 |                   |                 |                   |
|----------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|
| STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | DATE<br>10/1/00 | NAME<br>J. L. LEE | DATE<br>10/1/00 | NAME<br>J. L. LEE |
| 4-YD ROLL-OFF DUMP BODY<br>ROLL-OFF WHEEL COMPONENTS                 | DATE<br>10/1/00 | NAME<br>J. L. LEE | DATE<br>10/1/00 | NAME<br>J. L. LEE |
| REV<br>D 06-000237                                                   | DATE<br>10/1/00 | NAME<br>J. L. LEE | DATE<br>10/1/00 | NAME<br>J. L. LEE |
| SCALE 1:1                                                            | SHEET 3 OF 3    |                   |                 |                   |



## 8



| BILL OF MATERIALS |      |                                                                                              |                           |
|-------------------|------|----------------------------------------------------------------------------------------------|---------------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                  | SUPPLIER/JAG PART NO.     |
| 1                 | 2    | 0.500 x 2.25 x 3.0 LG ASTM A36 STEEL PLATE, HOT ROLLED, LASER QUALITY, PICKLED & OILED       | 04-000249                 |
| 2                 | 1    | SS 6 x 3 x 0.188W x 32.0 LG ASTM A500, GRADE B                                               | 04-000251                 |
| 3                 | 1    | 0.500 x 5.8125 x 10.25 LG ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                  | 04-000253                 |
| 4                 | 2    | 0.500 x 3.0 x 6.625 LG ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                     | 04-000254                 |
| 5                 | 1    | 0.250 x 2.75 x 5.75 LG ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                     | 04-000259                 |
| 6                 | 2    | 0.500 x 4.0 x 5.25 LG ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                      | 04-000262                 |
| 7                 | 1    | WELD STUD, 1/4"-20 x 0.75" LONG, COPPER-PLATED STEEL, FULLY THREADED                         | MCMASTER-CARR 7845A131    |
| 8                 | 1    | PAID EYE, #2 ROUND, DROP FORGED CARBON STEEL, D X OD X BASE DIAMETER = 0.75" X 1.50" X 1.688 | MCMASTER-CARR 3024T22     |
| 9                 | 1    | HOOK, PLAIN STEEL, WELD-ON ROPE                                                              | BERNHARD 166-A-01         |
| 10                | 1    | BRACKET SUB-ASSEMBLY, BEAR AMBER FLASHER PIVOT (10 CY & 4 CY BODIES)                         | 905-1123                  |
| 11                | 1    | 3/16" CLEVIS, 0.500 DIA x 2.000 L ZINC-PLATED STEEL                                          | 034-1707 (DWC E1-D134011) |
| 12                | 1    | 1/8" X 3/4" COTTER PIN, EXTENDED PRONG, 18-8 STAINLESS STEEL                                 | MCMASTER-CARR 97245A426   |
|                   |      |                                                                                              | FASTENAL 74009            |

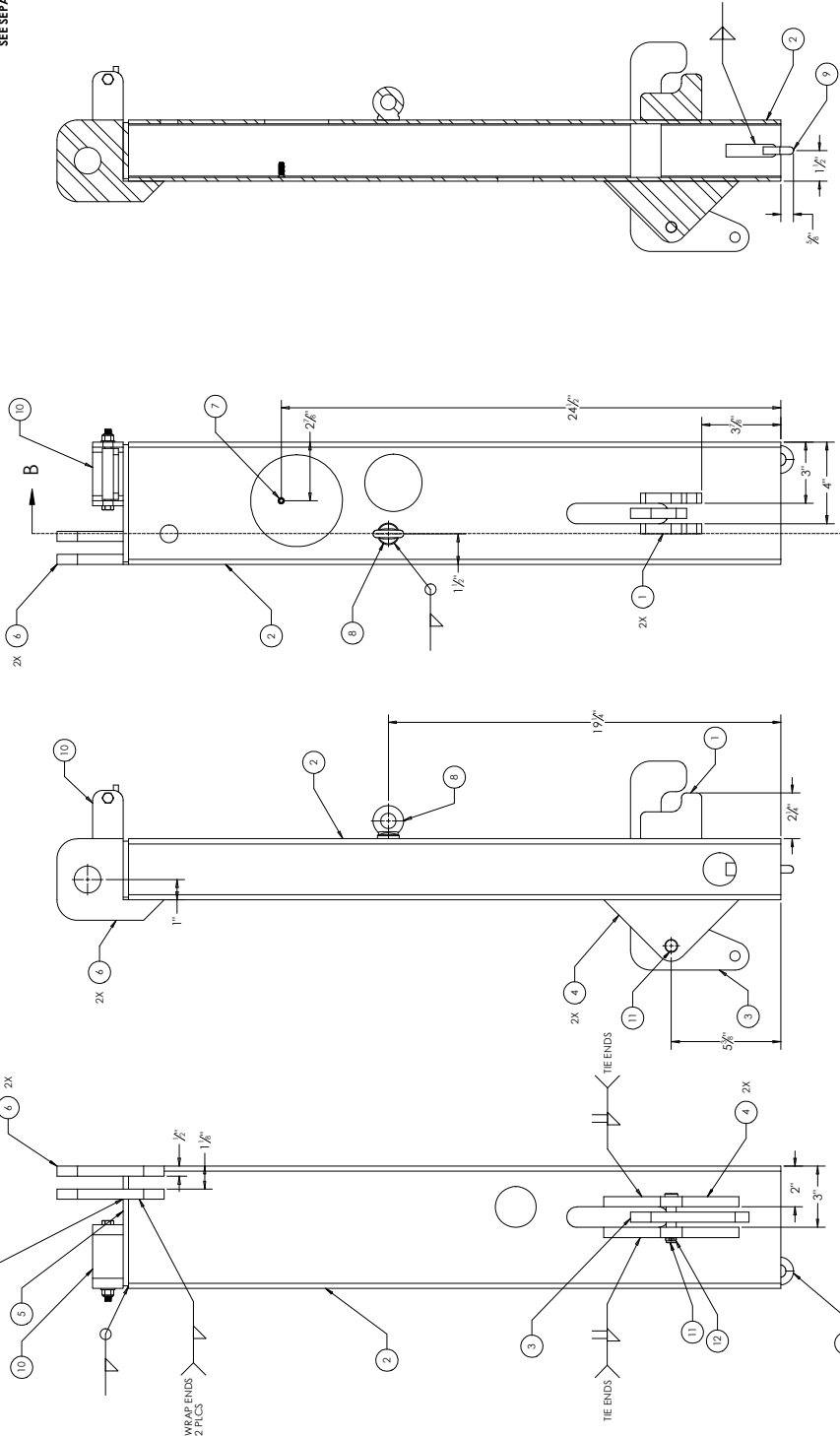
DETAIL IN SHIT 2

SEE SEPARATE DRAWING

## PE-32-12-6633

### UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
- SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
- REMOVE ALL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS FROM METAL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN, AND DRY BEFORE PAINTING.
- ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO STANDARDS SECTION 01050 FOR WELDING AND PAINTING STANDARDS.
- THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER PRACTICABLE TO AVOID DISTORTION, AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
- ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. SIZE OF ALL APPLICABLE WELDS TO BE AT LEAST THE THICKNESS OF THE THINNER OF THE ADJOINING PARTS. WELDS TO BE UNIFORM AND SHOWN IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
- SEALANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS. NO WELDED CONTINUOUS. SEALING SHALL BE AT LEAST 1/4" RESISTANT. WHITE COLOR MANUFACTURED BY BAY CORP. OR EQUAL.



### SECTION B-B

SCALE 1:3

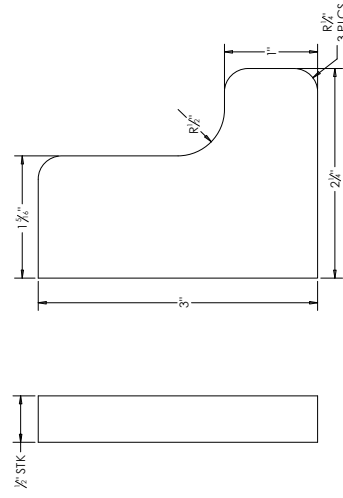
### ASSEMBLY

CALTRANS CAD MODEL 06-000239

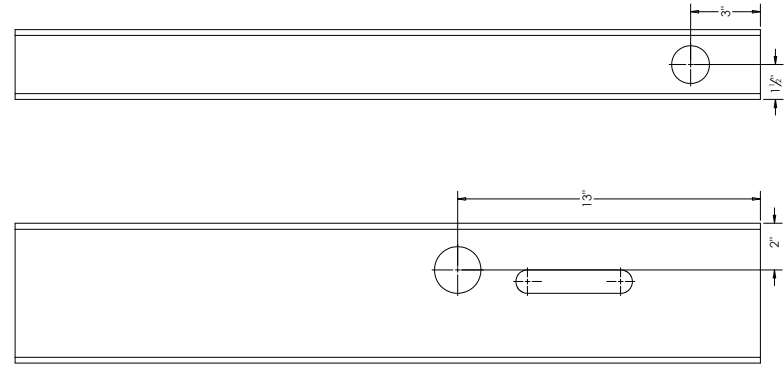
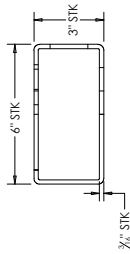
SCALE 1:3

| REVISIONS |                         |            |              |
|-----------|-------------------------|------------|--------------|
| NO.       | DESCRIPTION             | DATE       | APPROVED     |
| 1         | ISSUED FOR CONSTRUCTION | 10/02/2019 | RAUL VAZQUEZ |
| 2         | REVISED PER COMMENTS    | 10/02/2019 | RAUL VAZQUEZ |
| 3         | REVISED PER COMMENTS    | 10/02/2019 | RAUL VAZQUEZ |
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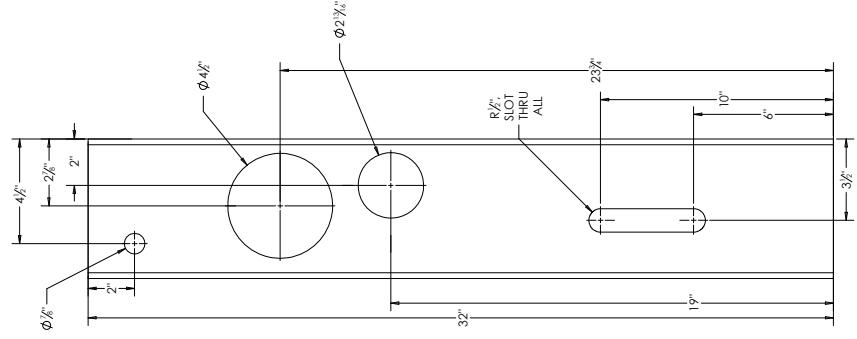
BILL OF MATERIALS



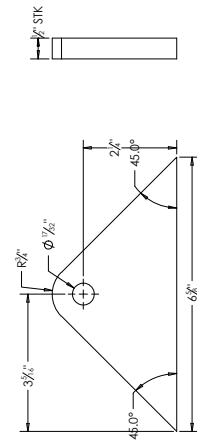
**ITEM 1**  
CALTRANS CAD MODEL 04-000249  
AVAILABLE ON REQUEST  
SCALE 1:1.5



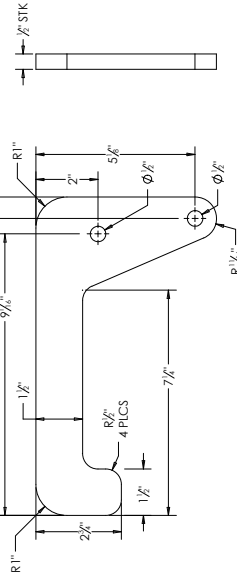
**ITEM 3**  
CALTRANS CAD MODEL 04-000253  
AVAILABLE ON REQUEST  
SCALE 1:2



**ITEM 2**  
CALTRANS CAD MODEL 04-000251  
SCALE 3:8



**ITEM 4**  
CALTRANS CAD MODEL 04-000254  
AVAILABLE ON REQUEST  
SCALE 1:1.5



**ITEM 6**  
CALTRANS CAD MODEL 04-000262  
AVAILABLE ON REQUEST  
SCALE 1:1.5

|                                                    |  |      |          |
|----------------------------------------------------|--|------|----------|
| B. ITEM SUBMITTAL POLICYMAN 9/12/12 IN COMPLIANCE. |  | DATE | APPROVED |
| A. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| C. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| D. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| E. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| F. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| G. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| H. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| I. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| J. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| K. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| L. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| M. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| N. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| O. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| P. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| Q. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| R. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| S. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| T. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| U. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| V. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| W. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| X. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| Y. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |
| Z. 1-SHEET & 2-DRAWING INSTRUCTIONS                |  | DATE | APPROVED |

PE-32-12-6633



## 8

[illegible]

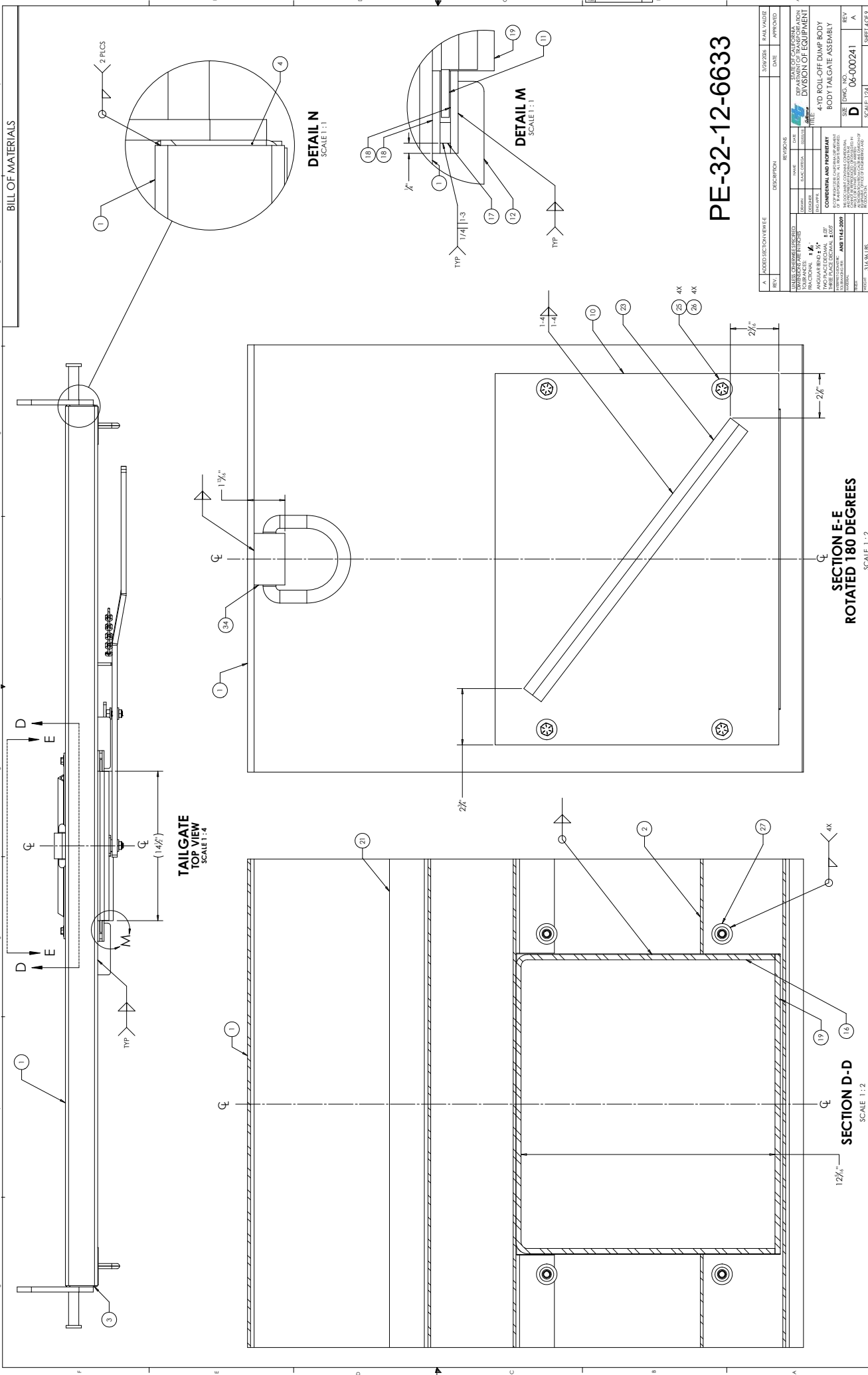
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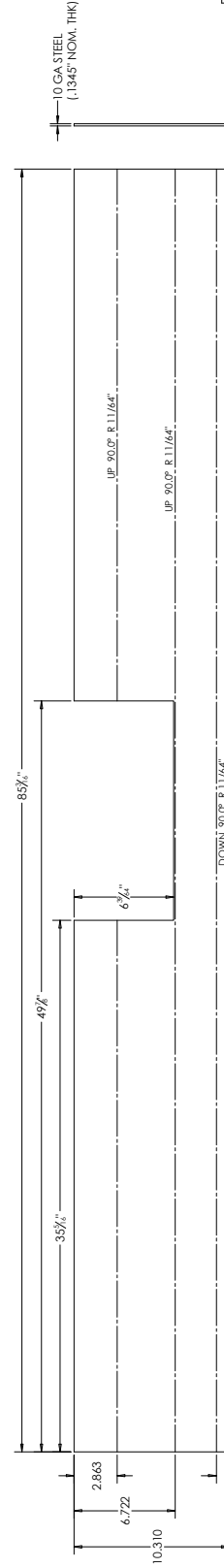
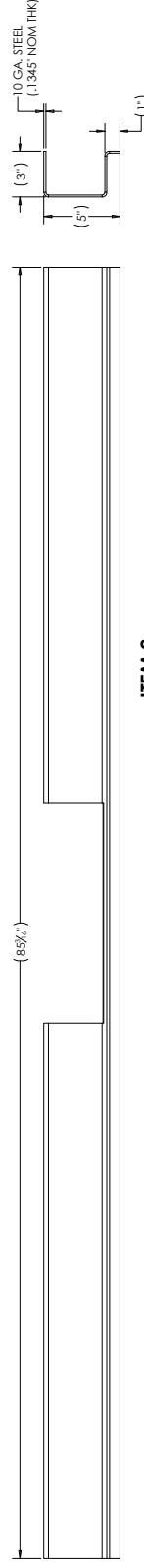
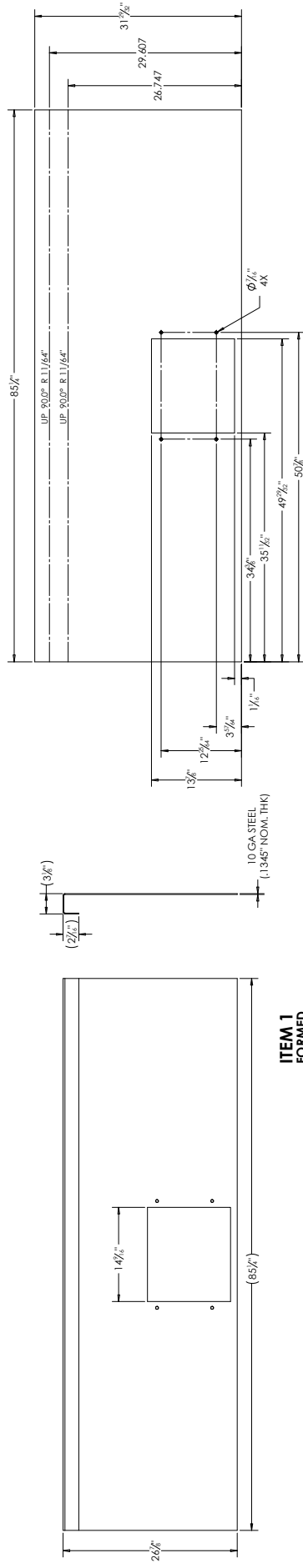
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BILL OF MATERIALS



PE-32-12-6633

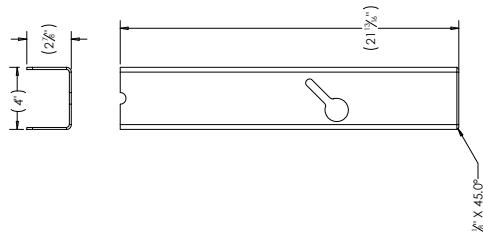
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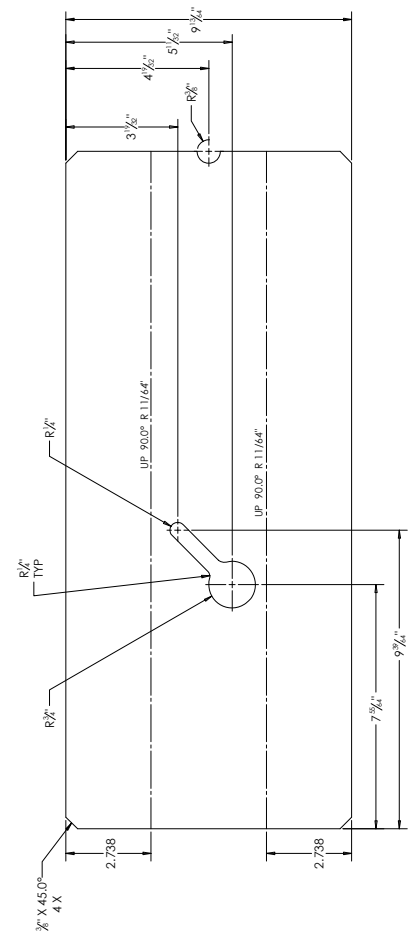
PE-32-12-6633

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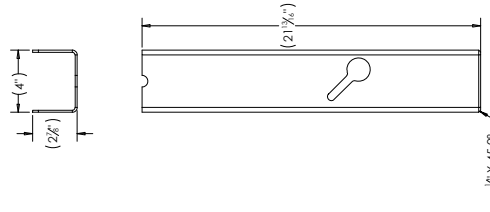
BILL OF MATERIALS



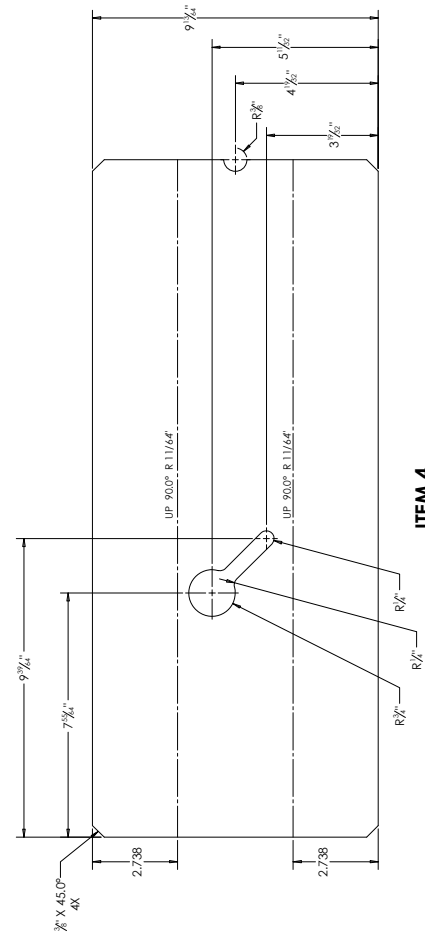
**ITEM 3**  
**FLAT PATTERN**  
**CALTRANS CAD MODEL 04-000270**  
SCALE 1:4



**ITEM 3**  
**FLAT PATTERN**  
**CALTRANS CAD MODEL 04-000270**  
AVAILABLE ON REQUEST  
SCALE 1:4



**ITEM 4**  
**FORMED**  
**CALTRANS CAD MODEL 04-000271**  
SCALE 1:4

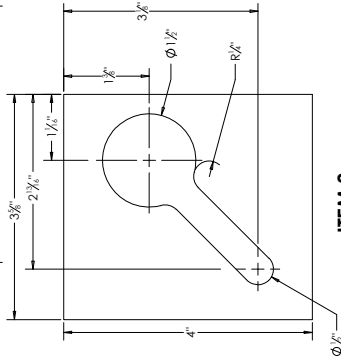


**ITEM 4**  
**FORMED**  
**CALTRANS CAD MODEL 04-000271**  
AVAILABLE ON REQUEST  
SCALE 1:4

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| DESIGNED                | 06-000241                    | CHECKED                   | 06-000241 |
| DRAWN                   | 06-000241                    | APPROVED                  | 06-000241 |
| PROJECT                 | 06-000241                    | SCALE                     | 1:2       |
| SHEET                   | 06-000241                    | SHEET                     | 06-000241 |
| STATE OF CALIFORNIA     | DEPARTMENT OF TRANSPORTATION | DIVISION OF EQUIPMENT     |           |
| 4-YD ROLL-OFF DUMP BODY |                              | MISC. TAILGATE COMPONENTS |           |
| DATE                    | 10/10/2019                   | BY                        | 06-000241 |
| DESIGNED                | 06-000241                    | CHECKED                   | 06-000241 |
| DRAWN                   | 06-000241                    | APPROVED                  | 06-000241 |
| PROJECT                 | 06-000241                    | SCALE                     | 1:2       |
| SHEET                   | 06-000241                    | SHEET                     | 06-000241 |

PE-32-12-6633

## 8



**ITEM 8**  
**CALTRANS CAD MODEL 04-000275**  
**AVAILABLE ON REQUEST**  
**SCALE 1:1**

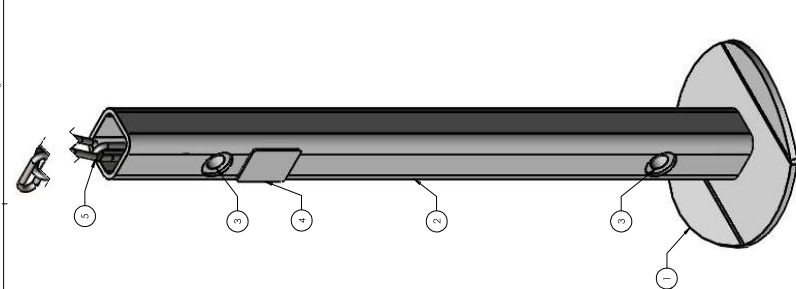


|                                                                                                          |                                   |                          |              |
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| STATE OF CALIFORNIA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT                             |                                   | DATE _____<br>TIME _____ |              |
|                        |                                   | TITLE _____              |              |
| 4-YD ROLL-OFF DUMP BODY<br>M&C TAILGATE COMPONENTS                                                       |                                   |                          |              |
| SIZE _____<br><b>D</b>                                                                                   | DWG. NO. _____<br><b>06-00024</b> | REV _____<br><b>0</b>    | SHEET 7 OF 9 |
| CONSTRUCTION AND PERMIT<br>8-YD ROLL-OFF DUMP BODY<br>4-YD ROLL-OFF DUMP BODY<br>4-YD ROLL-OFF DUMP BODY |                                   | SCALE: 2:1               |              |

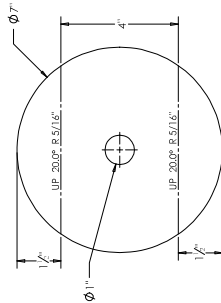




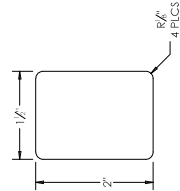
| BILL OF MATERIALS |      |                                                                       |                                      |
|-------------------|------|-----------------------------------------------------------------------|--------------------------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                           | SUPPLIER/STOCK # / CALTRANS PART NO. |
| 1                 | 1    | 1/2" X 1/2" X 1/2" A316 SS STEEL PLATE, HOT ROLLED, PICKLED & OILED   | 04-000009                            |
| 2                 | 1    | 1/8" X 24" X 24" 20.0 LG SQUARE TUBE, STRUCTURAL STEEL, A500B         | 05-000183                            |
| 3                 | 2    | 1.125 OD X .625 ID X 1.75 LG, A313 STEEL TUBING                       | 05-0000196                           |
| 4                 | 1    | 1/4" X 1.5 X 2 LG ASTM A1011 STEEL SHEET, HOT ROLLED, PICKLED & OILED | 05-0000186                           |
| 5                 | 1    | 1/2" X 1/2" X 1/2" A316 SS STEEL PLATE, HOT ROLLED, PICKLED & OILED   | 04-000009                            |



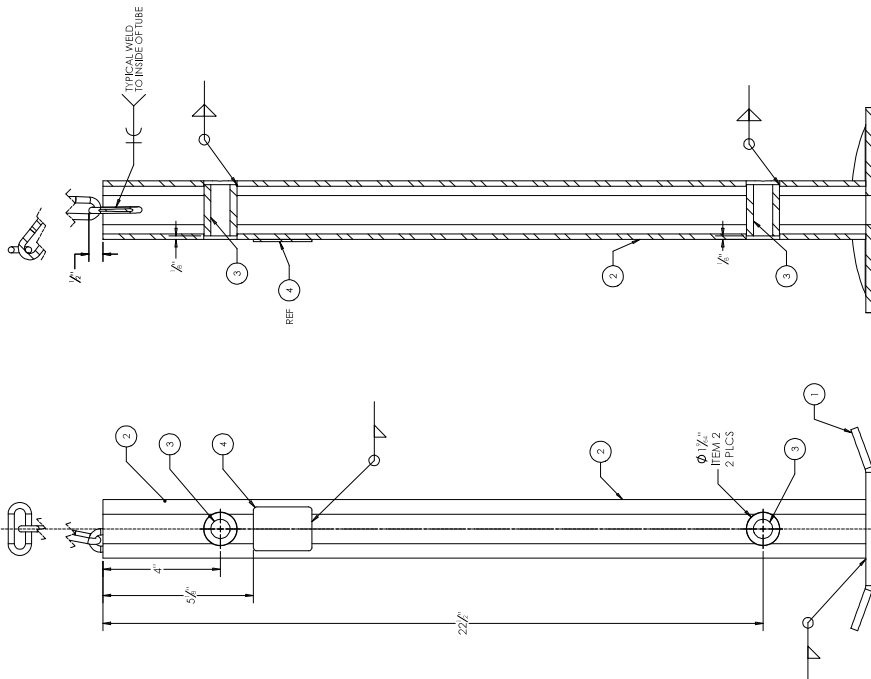
**WELDMENT ASSEMBLY 05-0000187**  
ISOMETRIC VIEW  
SCALE 1:2



**ITEM 1**  
FLAT PATTERN  
CALTRANS CAD MODEL 05-0000186  
AVAILABLE ON REQUEST  
SCALE 1:2



**ITEM 4**  
CALTRANS CAD MODEL 05-0000186  
AVAILABLE ON REQUEST  
SCALE 1:1



**WELDMENT ASSEMBLY 05-0000187**  
SCALE 1:2

- UNLESS OTHERWISE SPECIFIED:
- REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
  - SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
  - REMOVE MILL SCALE, OIL, GREASE AND OTHER CONTAMINANTS FROM ALL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN, AND DRY BEFORE PAINTING.
  - ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO STANDARD 505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000
  - THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. USE PROPER PROCEDURES AND SEQUENCE OF WELDING TO MINIMIZE DISTORTION AND WARPING. AND TYPING OF THE ASSEMBLY.
  - ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. SIZE OF ALL APPLICABLE WELDS TO BE AT LEAST THE THICKNESS OF THE THINNER PART. WELDS SHALL BE TO BE UNIFORM AND NEAT IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
  - SEALANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND CRACKS. SEALANT SHALL BE A HIGH QUALITY, ELASTIC, ADHESIVE RESISTANT, WHITE COLOR MANUFACTURED BY INKA CORPORATION.

| REV. | DESCRIPTION            | DATE       | BY           | CHKD.        | APP'D.       |
|------|------------------------|------------|--------------|--------------|--------------|
| 1    | ISSUED FOR FABRICATION | 05/11/2005 | W. J. HARRIS | W. J. HARRIS | W. J. HARRIS |
| 2    | REVISIONS              |            |              |              |              |
| 3    |                        |            |              |              |              |
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| BILL OF MATERIALS |      |                                                                                        |                       | CALTRANS PART NOS.  |  |
|-------------------|------|----------------------------------------------------------------------------------------|-----------------------|---------------------|--|
| ITEM NO.          | QTY. | DESCRIPTION                                                                            | SUPPLIER/AFS PART NO. |                     |  |
| 1                 | 1    | 10 GA. (0.1345 NOM) X 38.0 X 84 LG ASTM A1011 STEEL SHEET, HOT ROLLED, PICKLED & OILED |                       | 04-000244           |  |
| 2                 | 1    | HSS 2.5 X 2.5 X 0.188 X 75.25 LG, ASTM A-500, GRADE B                                  |                       | 04-000247           |  |
| 3                 | 1    | HSS 2.5 X 2.5 X 0.20 X 0.188 X 81.00 LG, ASTM A500, GRADE B                            |                       | 04-000243A          |  |
| 4                 | 2    | HSS 2.500 X 2.500 X 0.188 X 7.5 LG, ASTM A500, GRADE B                                 |                       | 04-000248           |  |
| 5                 | 2    | PL 0.188, HR PICKLED & OILED STEEL LASER QUALITY, ASTM A1011                           |                       | E1-D19401, ITEM 101 |  |
| 6                 | 2    | PL 0.188, HR PICKLED & OILED STEEL LASER QUALITY, ASTM A1011                           |                       | E1-D19401, ITEM 102 |  |
| 7                 | 2    | SUPPLY X 1/2" USABLE PIN W/ ANCHOR FOR GOTTEN PIN                                      | MA-MASTER 91594A315   |                     |  |
| 8                 | 2    | HSS 2.500 X 2.500 X 0.188 X 33.750 LG, ASTM A500, GRADE B                              |                       | 04-000295           |  |
| 9                 | 4    | 0.25 X 2.0 X 2.75 LG ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                 |                       | 04-000296           |  |

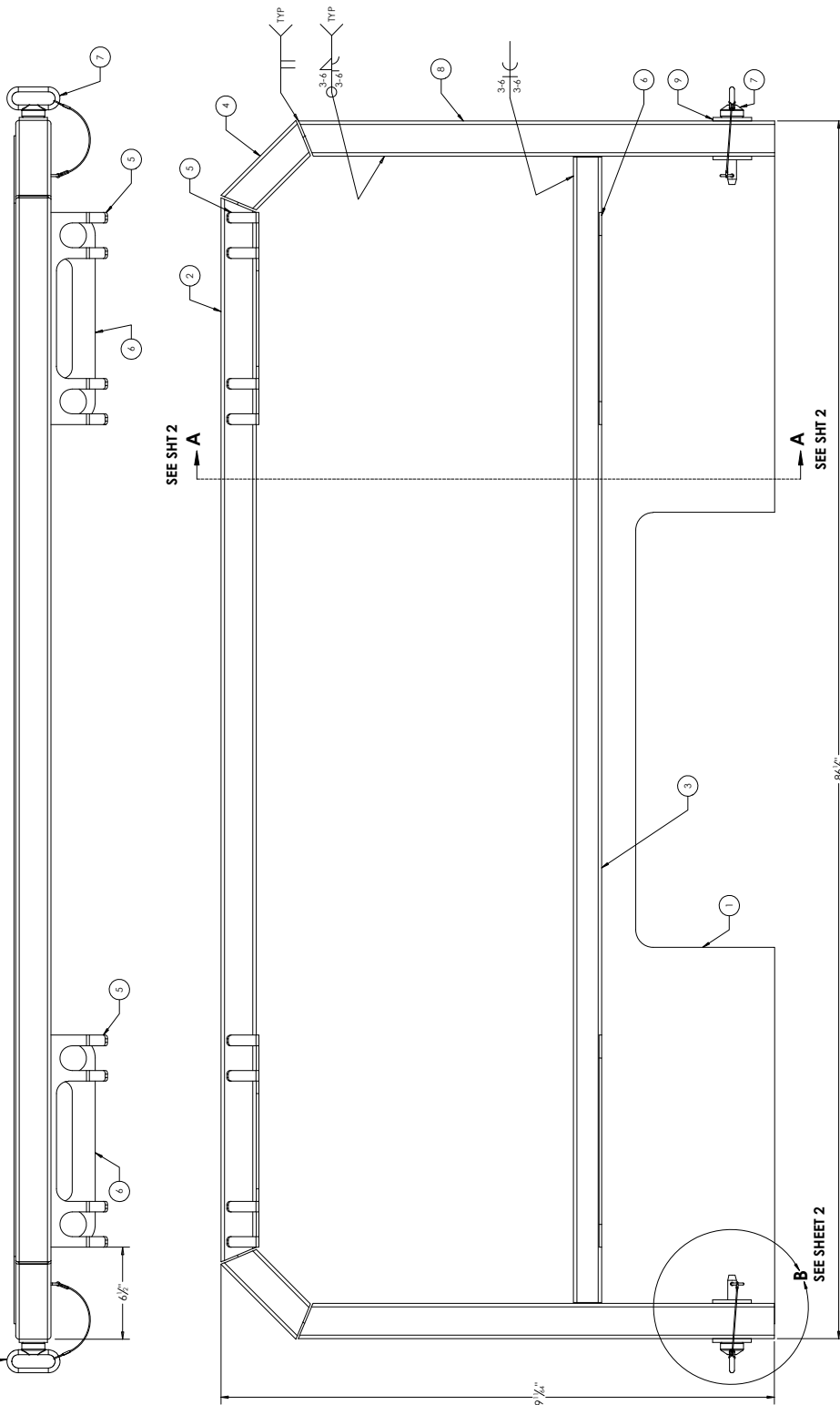
SEE SHT 3

FABRICATE PER DESCRIPTION

SEE SHT 3

SEE SEPARATE DRAWING

SEE SHT 3



UNLESS OTHERWISE SPECIFIED:

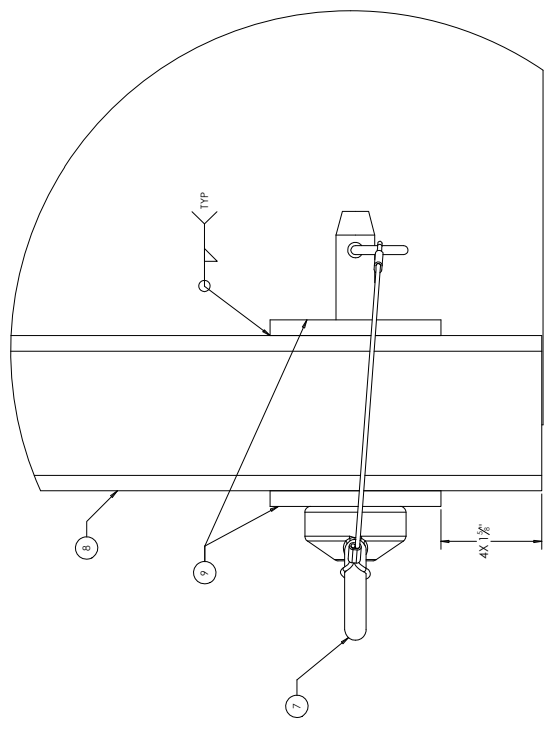
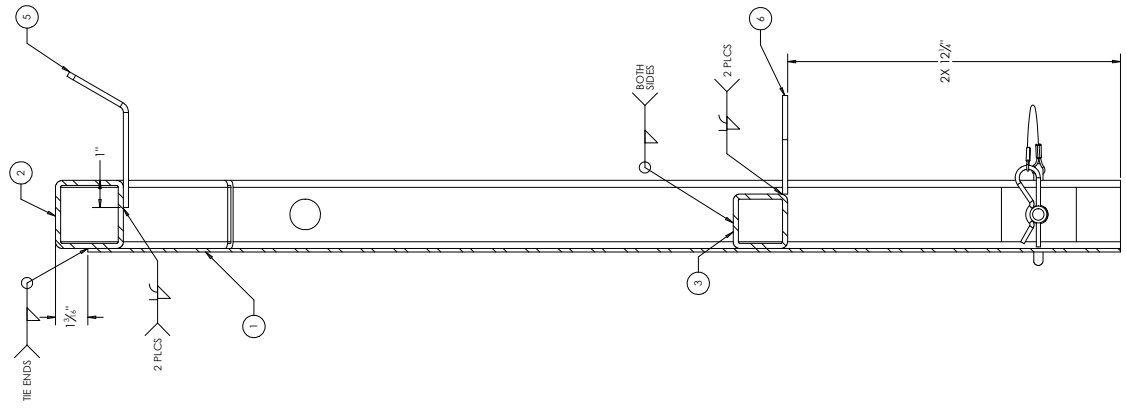
1. REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO INSURE THEY ARE SAFE FOR HANDLING.
2. SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
3. REMOVE MILL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS FROM METAL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN, AND DRY BEFORE PAINTING.
4. ALL WELDS, ELECTRICAL AND PAINTS WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [www.dot.ca.gov/hq/eqsc](http://www.dot.ca.gov/hq/eqsc) TO VIEW EQUIPMENT QUALITY STANDARDS.
5. THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. USE PROPER PROCEDURES AND SEQUENCE OF WELDING TO AVOID NEED FOR BACK STEPPING AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
6. ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. WELDS SHALL BE WELDED TO THE THICKNESS OF THE THINNER OF THE JOINING PARTS. WELDS TO BE UNIFORM AND NEAT IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
7. SEALANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS NOT WELDED CONTINUOUS. SEAL USING SRALEX-52 UV RESISTANT, WHITE COLOR MANUFACTURED BY SRA CORPORATION.

| REV | DESCRIPTION                                                                 | DATE      | APPROVED |
|-----|-----------------------------------------------------------------------------|-----------|----------|
| 1   | REACTIVE INK FACES AND DETAIL VIEW FROM 1 ON SHEET 3, ADDED NOTE FOR ITEM B | 5/22/2024 | L. LOPE  |
| 2   | ADDED DETAIL VIEW FROM 2 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 3   | ADDED DETAIL VIEW FROM 3 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 4   | ADDED DETAIL VIEW FROM 4 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 5   | ADDED DETAIL VIEW FROM 5 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 6   | ADDED DETAIL VIEW FROM 6 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 7   | ADDED DETAIL VIEW FROM 7 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 8   | ADDED DETAIL VIEW FROM 8 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 9   | ADDED DETAIL VIEW FROM 9 ON SHEET 3, ADDED NOTE FOR ITEM B                  | 5/22/2024 | L. LOPE  |
| 10  | ADDED DETAIL VIEW FROM 10 ON SHEET 3, ADDED NOTE FOR ITEM B                 | 5/22/2024 | L. LOPE  |

|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT |           |
| 4-YD ROLL-OFF DUMP BODY                                              |           |
| WELD SUBSTY 4 CY HEADBOARD                                           |           |
| CONTRACT NO.                                                         | 06-000255 |
| REV                                                                  | F         |
| DATE                                                                 | 5/22/2024 |
| SCALE                                                                | 1/8"      |
| SHEET 1 OF 3                                                         |           |

PE-32-12-6633

BILL OF MATERIALS



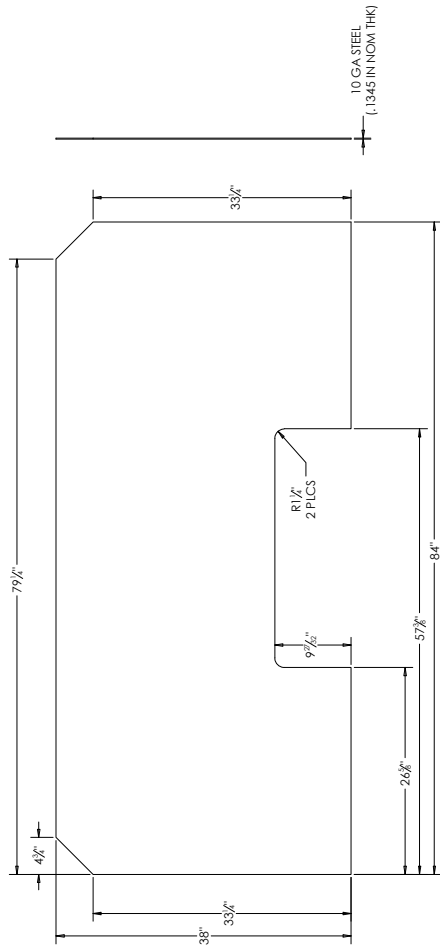
DETAIL B  
FROM SHEET 1  
SCALE 1:1

SECTION A-A  
FROM SHEET 1  
SCALE 7:16

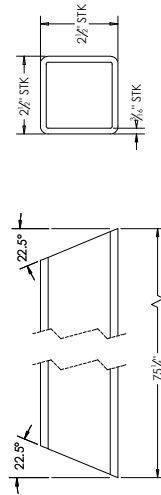
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| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>FRACTIONS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 1 7/8, 2, 2 1/8, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/8, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/8, 4 1/4, 4 1/2, 4 3/4, 5, 5 1/8, 5 1/4, 5 1/2, 5 3/4, 6, 6 1/8, 6 1/4, 6 1/2, 6 3/4, 7, 7 1/8, 7 1/4, 7 1/2, 7 3/4, 8, 8 1/8, 8 1/4, 8 1/2, 8 3/4, 9, 9 1/8, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/8, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/8, 11 1/4, 11 1/2, 11 3/4, 12, 12 1/8, 12 1/4, 12 1/2, 12 3/4, 13, 13 1/8, 13 1/4, 13 1/2, 13 3/4, 14, 14 1/8, 14 1/4, 14 1/2, 14 3/4, 15, 15 1/8, 15 1/4, 15 1/2, 15 3/4, 16, 16 1/8, 16 1/4, 16 1/2, 16 3/4, 17, 17 1/8, 17 1/4, 17 1/2, 17 3/4, 18, 18 1/8, 18 1/4, 18 1/2, 18 3/4, 19, 19 1/8, 19 1/4, 19 1/2, 19 3/4, 20, 20 1/8, 20 1/4, 20 1/2, 20 3/4, 21, 21 1/8, 21 1/4, 21 1/2, 21 3/4, 22, 22 1/8, 22 1/4, 22 1/2, 22 3/4, 23, 23 1/8, 23 1/4, 23 1/2, 23 3/4, 24, 24 1/8, 24 1/4, 24 1/2, 24 3/4, 25, 25 1/8, 25 1/4, 25 1/2, 25 3/4, 26, 26 1/8, 26 1/4, 26 1/2, 26 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303 1 |
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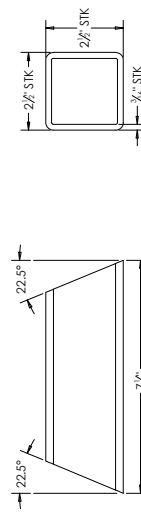
BILL OF MATERIALS



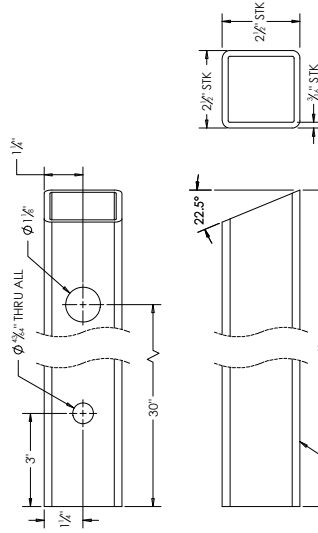
ITEM 1  
CALTRANS CAD MODEL 04-000244  
AVAILABLE ON REQUEST  
SCALE 1:8



ITEM 2  
CALTRANS CAD MODEL 04-000247  
SCALE 1:2

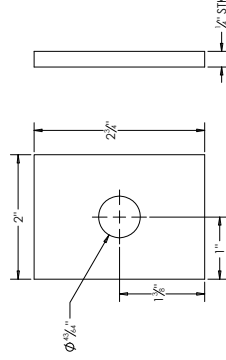


ITEM 4  
CALTRANS CAD MODEL 04-000248  
SCALE 1:2



ITEM 8  
CALTRANS CAD MODEL 04-000295  
SCALE 1:2

ENSURE WELD SEAM IS ON  
SAME PLANE AS HOLES OR  
USE SEAMLESS TUBING



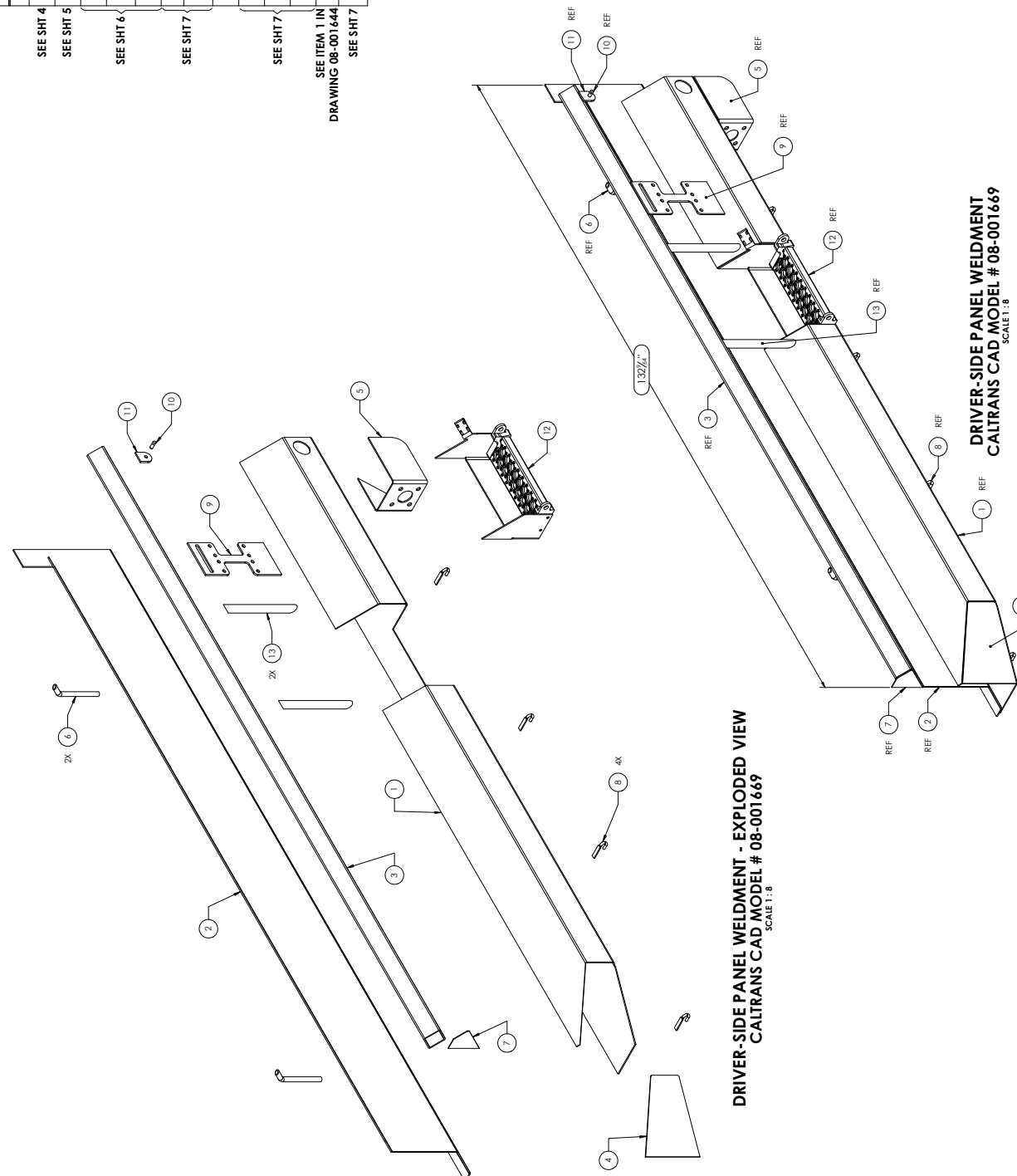
ITEM 9  
CALTRANS CAD MODEL 04-000296  
SCALE 1:1

| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DATE        | NAME                                                                 | SCALE |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------|-------|
| FRACTIONAL: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1/1/20/2024 | STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | 1/1   |
| DECIMAL: 0.0625, 0.125, 0.25, 0.375, 0.5, 0.625, 0.75, 0.875, 1.0, 1.125, 1.25, 1.375, 1.5, 1.625, 1.75, 1.875, 2.0, 2.125, 2.25, 2.375, 2.5, 2.625, 2.75, 2.875, 3.0, 3.125, 3.25, 3.375, 3.5, 3.625, 3.75, 3.875, 4.0, 4.125, 4.25, 4.375, 4.5, 4.625, 4.75, 4.875, 5.0, 5.125, 5.25, 5.375, 5.5, 5.625, 5.75, 5.875, 6.0, 6.125, 6.25, 6.375, 6.5, 6.625, 6.75, 6.875, 7.0, 7.125, 7.25, 7.375, 7.5, 7.625, 7.75, 7.875, 8.0, 8.125, 8.25, 8.375, 8.5, 8.625, 8.75, 8.875, 9.0, 9.125, 9.25, 9.375, 9.5, 9.625, 9.75, 9.875, 10.0     | 1/1/20/2024 | STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | 1/1   |
| THREE PLACE DECIMAL: 0.125, 0.25, 0.375, 0.5, 0.625, 0.75, 0.875, 1.0, 1.125, 1.25, 1.375, 1.5, 1.625, 1.75, 1.875, 2.0, 2.125, 2.25, 2.375, 2.5, 2.625, 2.75, 2.875, 3.0, 3.125, 3.25, 3.375, 3.5, 3.625, 3.75, 3.875, 4.0, 4.125, 4.25, 4.375, 4.5, 4.625, 4.75, 4.875, 5.0, 5.125, 5.25, 5.375, 5.5, 5.625, 5.75, 5.875, 6.0, 6.125, 6.25, 6.375, 6.5, 6.625, 6.75, 6.875, 7.0, 7.125, 7.25, 7.375, 7.5, 7.625, 7.75, 7.875, 8.0, 8.125, 8.25, 8.375, 8.5, 8.625, 8.75, 8.875, 9.0, 9.125, 9.25, 9.375, 9.5, 9.625, 9.75, 9.875, 10.0 | 1/1/20/2024 | STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | 1/1   |
| CONSTRUCTION AND REPAIRS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1/1/20/2024 | STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | 1/1   |
| 4-YD ROLL-OFF DUMP BODY<br>WELD SUB-ASTY 4 CY HEAD AND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1/1/20/2024 | STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | 1/1   |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DWG. NO.    | REV                                                                  | F     |
| 06-000255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 06-000255   |                                                                      |       |
| SCALE 1:8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SCALE 1:8   | SHEET 3 OF 3                                                         |       |

PE-32-12-6633

| BILL OF MATERIALS |      |                                                                                                  |                       |
|-------------------|------|--------------------------------------------------------------------------------------------------|-----------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                      | SUPPLIER/ALF PART NO. |
| 1                 | 1    | 3/16" THK PLATE, A-36 STEEL, HOT ROLLED, PICKLED & OILED PER ASTM A-36                           | 08-001672             |
| 2                 | 1    | 3/16" X 26.756" X 132.0" LG A-3600 STEEL PLATE, ASTM A-36                                        | 06-000261             |
| 3                 | 1    | 7" X 1/8" WALL X 128.0" LG SQUARE STEEL TUBING, ASTM A-500 GRADE B                               | 04-000238             |
| 4                 | 1    | 10GA (1.345 NOM) X 10.28125" X 13.875" LG ASTM A-36 STEEL SHEET, HOT ROLLED, PICKLED & OILED     | 06-000226             |
| 5                 | 1    | 3/16" (0.188 NOM) X 4.551" X 72.868" LG ASTM A-36 STEEL PLATE, HOT ROLLED, PICKLED & OILED STEEL | 06-000236             |
| 6                 | 2    | 3/4" HOT ROLLED A-36 STEEL ROUND BAR STOCK                                                       | 04-000261             |
| 7                 | 1    | 10 GA. (1.345 NOM) X 3.875" X 5.75" LG ASTM A-36 STEEL SHEET, HOT ROLLED, PICKLED & OILED        | 04-000264             |
| 8                 | 4    | HOOK, PLAIN STEEL WELD-ON ROPE                                                                   | EBERHARD 166-A-01     |
| 9                 | 1    | 1/4" (250 NOM) ASTM A-36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                | 06-000249             |
| 10                | 1    | PIN, DOWEL, 1/2" DIA X 1.25" LG, ALLOY STEEL PER ASME B18.8.2, BEVELED ONE END                   | 06-000245             |
| 11                | 1    | 1/4" (250 NOM) ASTM A-36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                | 06-000248             |
| 12                | 1    | LADDER MOUNT WELDMENT                                                                            | 08-001639             |
| 13                | 2    | 1" SCH 40 X 13.875 LG (1.316 OD X 1.33 WALL) PPFS SEE ERW STRUCTURAL STEEL PER ASTM A500 IGR, C  | 04-000260             |

SEE ITEM 1 IN DRAWING 08-001644



DRIVER-SIDE PANEL WELDMENT - EXPLODED VIEW  
CALTRANS CAD MODEL # 08-001669  
SCALE 1:1.8

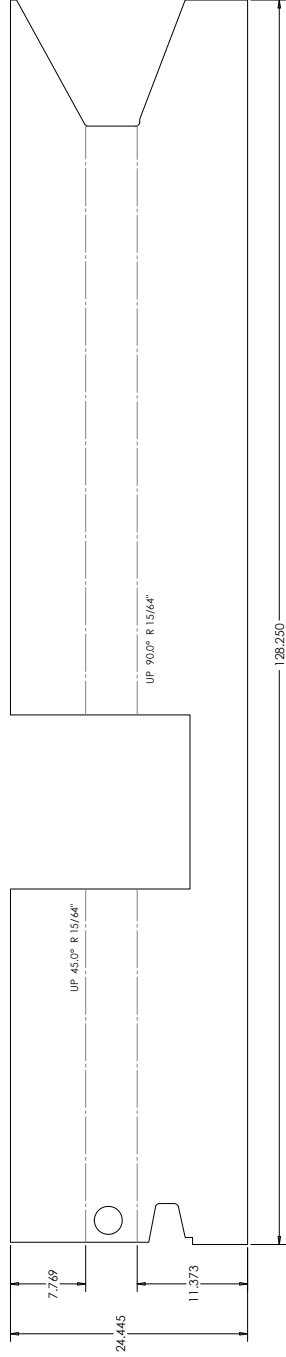
- UNLESS OTHERWISE SPECIFIED:
- REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
  - SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY VISUAL MEANS.
  - REMOVE ALL OIL, GREASE, AND CONTAMINANTS FROM METAL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN, AND DRY BEFORE PAINTING.
  - ALL WELDS ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [www.dot.ca.gov/hq/eng/engc](http://www.dot.ca.gov/hq/eng/engc) TO VIEW EQUIPMENT QUALITY STANDARDS.
  - THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. IF NOT POSSIBLE, THE WORK SHALL BE POSITIONED TO AVOID NEEDLESS DISTORTION, AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
  - ALL JOINTS TO BE WELDED, CONTINUOUS UNLESS OTHERWISE SPECIFIED. WELDS SHALL BE WELDED TO THE FULL PENETRATION OF THE THINNER OF THE ADJOINING PARTS. WELDS TO BE UNIFORM AND SEAMS IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
  - SEALANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS NOT WELDED CONTINUOUS. SEAL USING 3M 4608-92 UV RESISTANT, WHITE COLOR MANUFACTURED BY 3M CORPORATION.
  - CRITICAL DIMENSION. SYMBOL DENOTES INSPECTION DIMENSION.
  - APPLY WELDABLE PRIMER (RUST PREVENTIVE COATING) TEMPIL® ALUMINIZED OXIDE, OR EQUIVALENT WELDABLE PRIMER.

| REV. | DESCRIPTION             | DATE       | APPROVED     |
|------|-------------------------|------------|--------------|
| 1    | ISSUED FOR CONSTRUCTION | 08/01/2009 | LOCAL OFFICE |
| 2    | REVISION                | 08/01/2009 | LOCAL OFFICE |
| 3    | REVISION                | 08/01/2009 | LOCAL OFFICE |
| 4    | REVISION                | 08/01/2009 | LOCAL OFFICE |
| 5    | REVISION                | 08/01/2009 | LOCAL OFFICE |
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| 7    | REVISION                | 08/01/2009 | LOCAL OFFICE |
| 8    | REVISION                | 08/01/2009 | LOCAL OFFICE |
| 9    | REVISION                | 08/01/2009 | LOCAL OFFICE |
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| 100  | REVISION                | 08/01/2009 | LOCAL OFFICE |

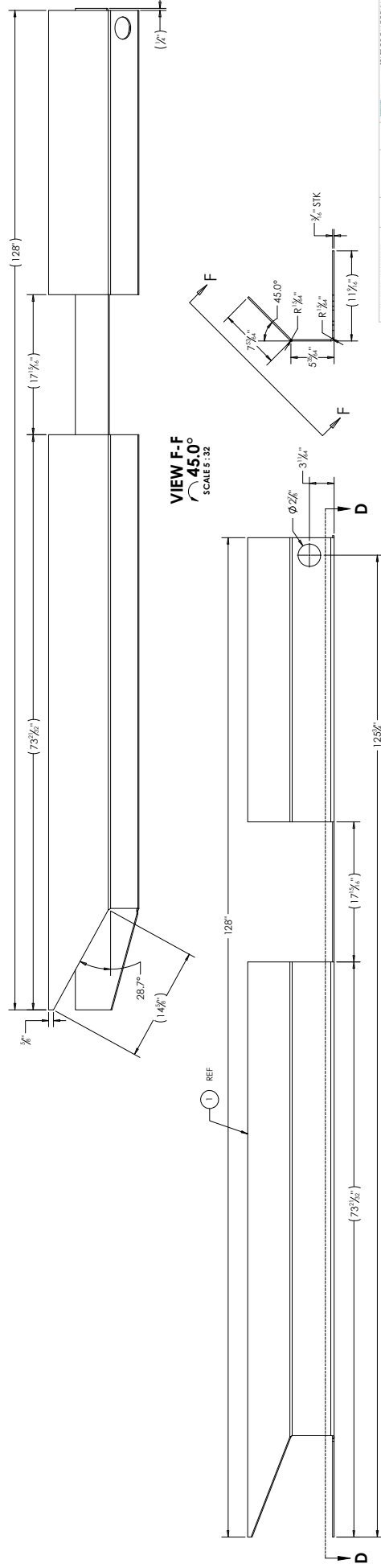
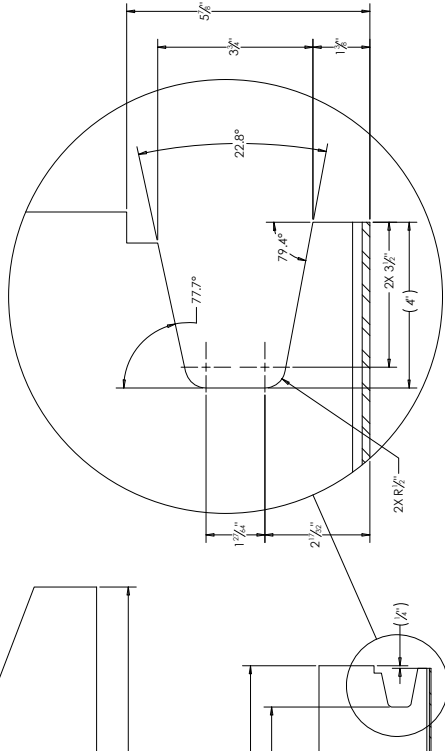
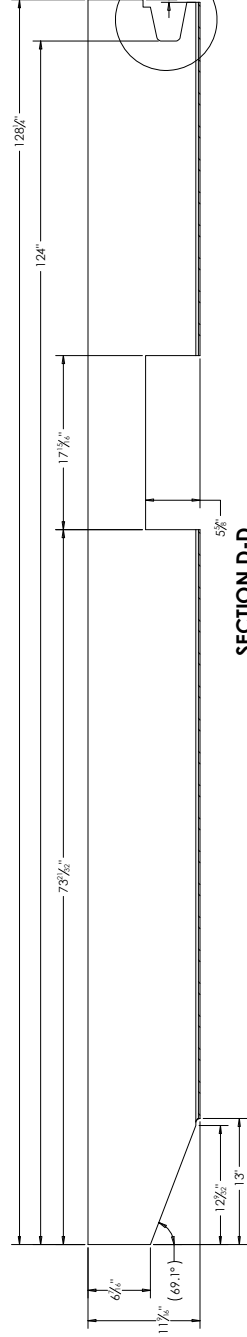
DRIVER-SIDE PANEL WELDMENT  
CALTRANS CAD MODEL # 08-001669  
SCALE 1:1.8







ITEM 1 - FLAT PATTERN  
CALTRANS CAD MODEL # 08-001672  
SCALE 5 : 32



ITEM 1  
CALTRANS CAD MODEL # 08-001672  
SCALE 5 : 32



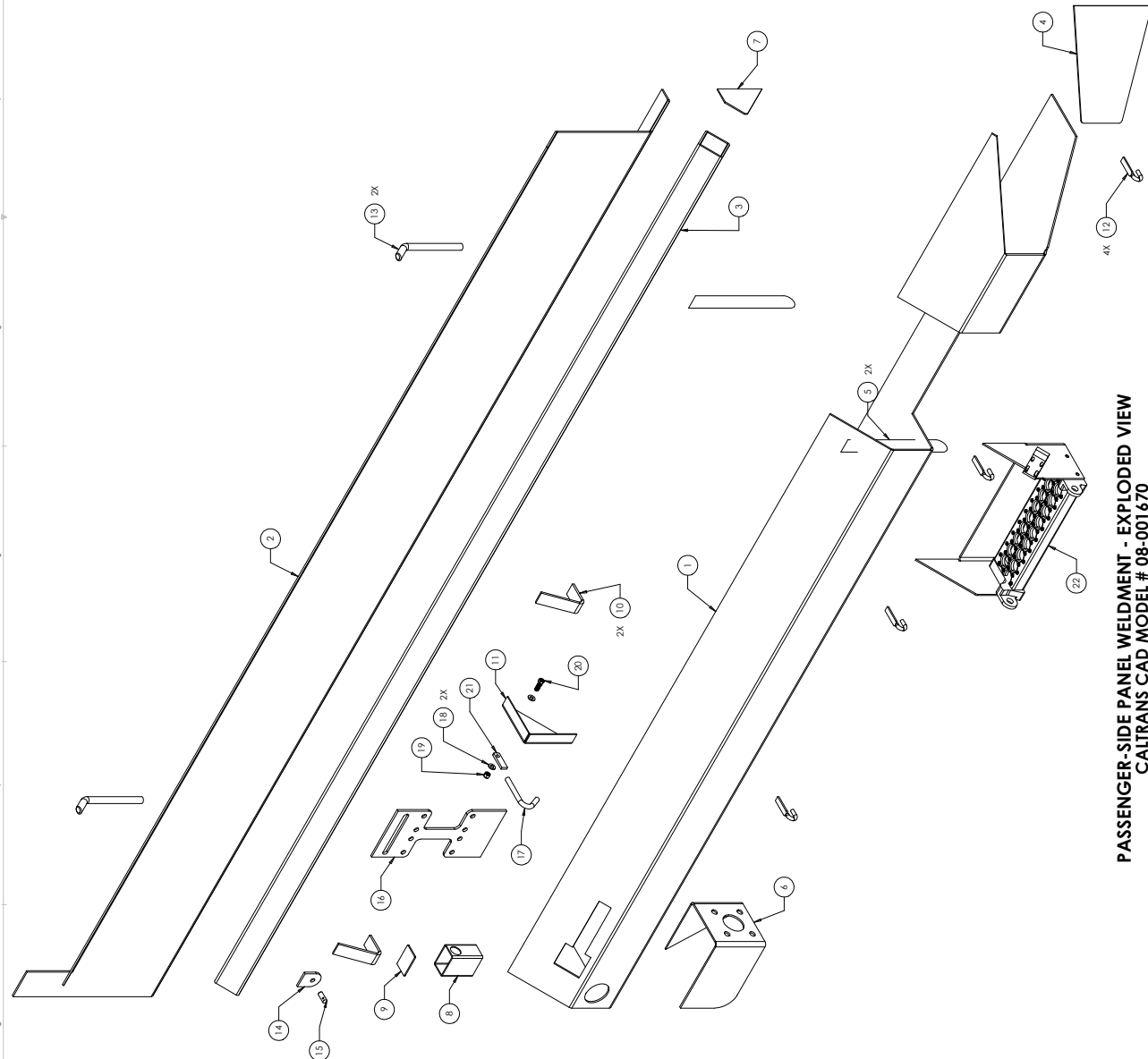
ITEM 2 - FLAT PATTERN

[illegible]



## 8





PASSENGER-SIDE PANEL WELDMENT - EXPLODED VIEW  
CALTRANS CAD MODEL # 08-001670  
SCALE 1:4

| BILL OF MATERIALS |      |                                                                                                        |  | SUPPLIER/ORG       |  | CALTRANS PART NOS. |  |
|-------------------|------|--------------------------------------------------------------------------------------------------------|--|--------------------|--|--------------------|--|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                            |  | PART NO.           |  |                    |  |
| 1                 | 1    | 3/16" THK PLATE A36 STEEL HOT ROLLED, PICKLED & OILED PER ASTM A36                                     |  |                    |  | 08-001671          |  |
| 2                 | 1    | 3/16" x 26.75" x 132.0" LG A3600 STEEL PLATE, ASTM A514                                                |  |                    |  | 06-000262          |  |
| 3                 | 1    | 7" X 188" WALL X 128.0" LG SQUARE STEEL TUBING, ASTM A500 GRADE B                                      |  |                    |  | 04-000238          |  |
| 4                 | 1    | 10GA (1.345 NOM) X 10.28125 X 13.875 LG ASTM A1011 STEEL SHEET, HOT ROLLED, PICKLED & OILED            |  |                    |  | 06-000226          |  |
| 5                 | 2    | 1" SCH 40 X 13.875 LG (1.315 OD X 1.133 WALL) PIPE SIZE ERW STRUCTURAL STEEL PER ASTM A500 GR. C       |  |                    |  | 04-000260          |  |
| 6                 | 1    | 3/16" X 188" NOM X 1.55" X 27.88" LG ASTM A108 PLATE, HOT ROLLED, PICKLED & OILED STEEL, LAGER QUALITY |  |                    |  | 06-000235          |  |
| 7                 | 1    | 10 GA (1.345 NOM) X 3.875 X 5.75 LG ASTM A1011 STEEL SHEET, HOT ROLLED, PICKLED & OILED                |  |                    |  | 04-000264          |  |
| 8                 | 1    | HS 2.2 X 3.0 X 1.20W X 4.00 LG, ASTM A500, GRADE B                                                     |  |                    |  | 04-000305          |  |
| 9                 | 1    | 10 GA (1.345) X 1.875 X 3.875 LG ASTM A1011 STEEL SHEET, HOT ROLLED, PICKLED & OILED                   |  |                    |  | 06-000267          |  |
| 10                | 2    | 3/8" X 1.65" X 7.74 LG A500 STEEL PLATE, RY, LAGER QUALITY, HOT ROLLED, PICKLED & OILED                |  |                    |  | 04-000307          |  |
| 11                | 1    | 10GA (1.345 NOM) X 7.034 X 7.574 LG ASTM A1011 STEEL SHEET, HOT ROLLED, PICKLED & OILED                |  |                    |  | 06-000254          |  |
| 12                | 4    | HOOK, PLAIN STEEL WELD-ON ROPE                                                                         |  | EBERHARD 166-A31   |  | 905-1123           |  |
| 13                | 2    | 3/4" HOT ROLLED A-36 STEEL ROUND BAR STOCK                                                             |  |                    |  | 04-000261          |  |
| 14                | 1    | 1/4 (250) NOM ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                        |  |                    |  | 06-000248          |  |
| 15                | 1    | 3/4" DOWEL, 1/2" DIA X 1.25" LG, ALLOY STEEL PER ASME B18.8.2, BEVELED ONE END                         |  |                    |  | 06-000265          |  |
| 16                | 1    | 1/4 (250) NOM ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                        |  |                    |  | 06-000249          |  |
| 17                | 1    | 1/2" DIA X 6.00" LG HOT ROLLED ASTM A36 STEEL ROD STOCK                                                |  |                    |  | 06-000268          |  |
| 18                | 2    | FLAT WASHER, 3/8" X 0.406" ID X 0.812" OD, GRADE 8 ALLOY STEEL, ZINC-YELLOW-CHROMATE PLATED            |  | MCMASTER 98023A031 |  |                    |  |
| 19                | 1    | LOCK NUT, 0.375-16 GR 8 ZINC YELLOW CHROMATE PLATED                                                    |  | MCMASTER 97135A230 |  |                    |  |
| 20                | 1    | 3/8-16 X 1.25 LG GRADE 8 HEX HEAD CAP SCREW, ZINC YELLOW-CHROMATE PLATED                               |  | MCMASTER 92620A266 |  |                    |  |
| 21                | 1    | 0.25 X 7.5 X 1.5 LG ASTM A36 STEEL PLATE, HOT ROLLED, PICKLED & OILED                                  |  |                    |  | 06-000269          |  |
| 22                | 1    | LADDER MOUNT WELDMENT                                                                                  |  |                    |  | 08-001639          |  |

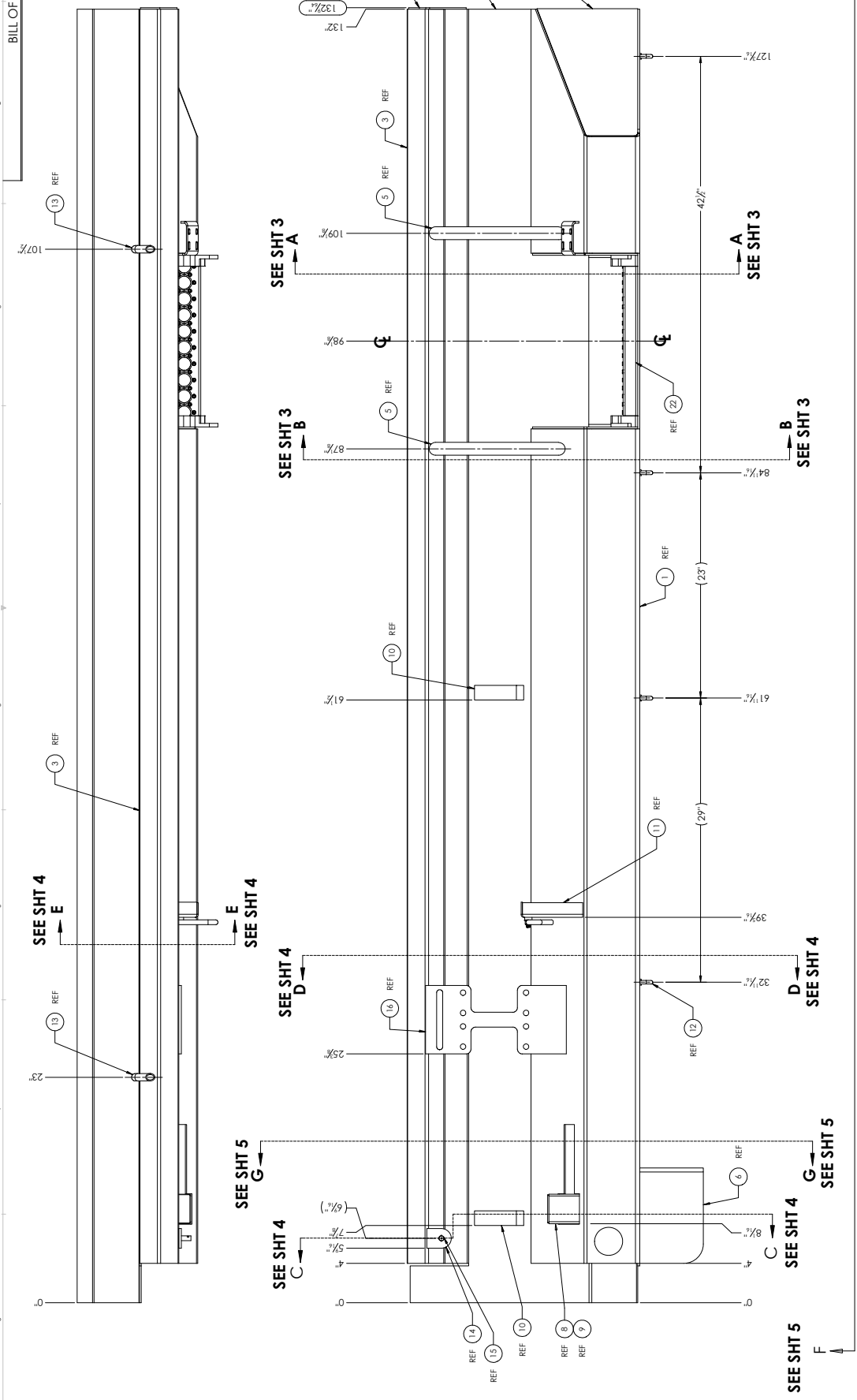
- UNLESS OTHERWISE SPECIFIED:
- REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
  - SOME DIMENSIONS MAY BE ROUND-OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
  - REMOVE ALL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS FROM ALL SURFACES BEFORE PAINTING. METAL SURFACES SHALL BE CLEAN AND DRY BEFORE PAINTING.
  - ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [www.cdcca.gov/nd/eqsc](http://www.cdcca.gov/nd/eqsc) TO VIEW EQUIPMENT QUALITY STANDARDS.
- THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. SEAM WELDING SHALL BE USED FOR ALL JOINTS TO AVOID NEEDLESS DISTORTION AND UNNECESSARY SHRINKAGE. WARPING, AND TWISTING OF THE ASSEMBLY.
- ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. SIZE OF ALL APPLICABLE WELDS TO BE AT LEAST THE THICKNESS OF THE THINNER PART, UNLESS OTHERWISE SPECIFIED IN APPLICABLE DRAWING.
  - SEALANTS SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS NOT WELDED CONTINUOUS. SEAL USING SIKAFLEX-521 UV RESISTANT. WHITE COLOR MANUFACTURED BY Sika CORPORATION.
  - CRITICAL DIMENSION. SYMBOL DENOTES INSPECTION DIMENSION.
  - APPLY WELDABLE PRIMER (BUST PREVENTIVE COATING) TEMPLO® ALUMINIZED BOXIDE, OR EQUIVALENT WELDABLE PRIMER.

|    |                  |              |          |      |          |
|----|------------------|--------------|----------|------|----------|
| 8  | SEE SHEET 2      | LOCAL OFFICE | REVISION | DATE | APPROVED |
| 9  | FOR PREPARED BY  | DATE         | DATE     | DATE | DATE     |
| 10 | FOR REVIEWED BY  | DATE         | DATE     | DATE | DATE     |
| 11 | FOR APPROVED BY  | DATE         | DATE     | DATE | DATE     |
| 12 | FOR SUBMITTED BY | DATE         | DATE     | DATE | DATE     |
| 13 | FOR RELEASED BY  | DATE         | DATE     | DATE | DATE     |
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| 15 | FOR REVISION BY  | DATE         | DATE     | DATE | DATE     |
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| 17 | FOR REVISION BY  | DATE         | DATE     | DATE | DATE     |
| 18 | FOR CANCELLED BY | DATE         | DATE     | DATE | DATE     |
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| 20 | FOR CANCELLED BY | DATE         | DATE     | DATE | DATE     |
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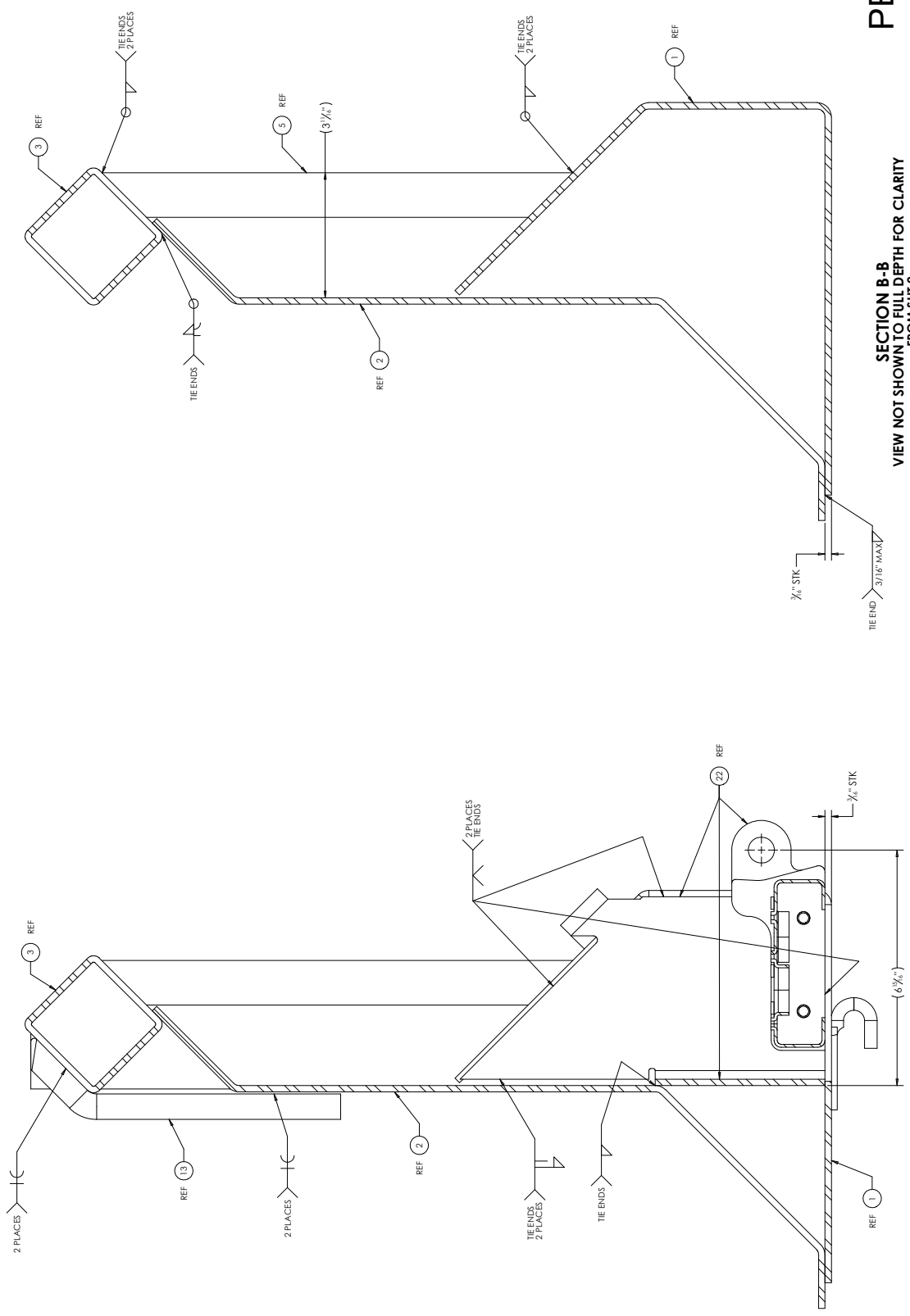
STATE OF CALIFORNIA  
DIVISION OF HIGHWAYS  
DIVISION OF EQUIPMENT  
410 ROLL-OFF DUMP BODY  
WELDMENT  
PASSENGER-SIDE PANEL  
SIZE DWG. NO. 08-001670  
REV B  
SCALE 1/4"  
SHEET 1 OF 10

PE-32-12-6633

BILL OF MATERIALS



BILL OF MATERIALS

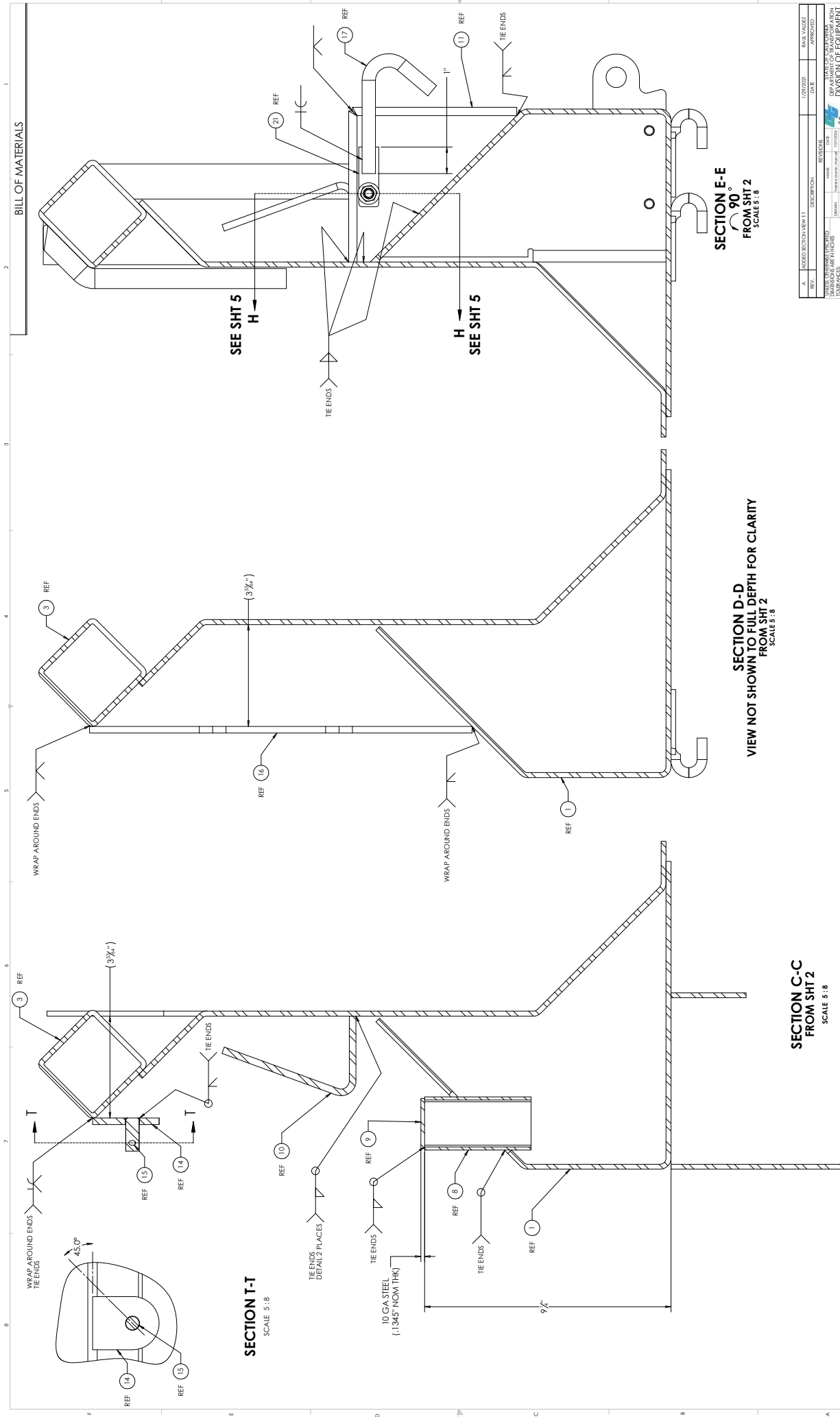


PE-32-12-6633

SECTION B-B  
VIEW NOT SHOWN TO FULL DEPTH FOR CLARITY  
FROM SHT 2  
SCALE 1:1.5

SECTION A-A  
FROM SHT 2  
SCALE 1:1.5

|                                                          |               |                                                 |
|----------------------------------------------------------|---------------|-------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES | DATE          | 1/27/2014                                       |
| CONTRACT                                                 | PROJECT NAME  | STATE OF CALIFORNIA<br>DIVISION OF EQUIPMENT    |
| DESIGNER                                                 | TITLE         | 4 YD ROLL-OFF DUMP BODY<br>PASSENGER-SIDE PANEL |
| CONSTRUCTION AND PROPERTY                                | REV           | D 08-001670                                     |
| REV                                                      | DWG. NO.      | B                                               |
| SCALE 1/4"                                               | SHEET 3 OF 10 |                                                 |



PE-32-12-6633

| REV | DESCRIPTION | DATE      | APPROVED |
|-----|-------------|-----------|----------|
| 1   | AS SHOWN    | 1/27/2020 |          |

|             |                 |      |           |
|-------------|-----------------|------|-----------|
| DESIGNED BY | CHIEF ENGINEER  | DATE | 1/27/2020 |
| CHECKED BY  | SENIOR ENGINEER | DATE | 1/27/2020 |
| APPROVED BY | MANAGER         | DATE | 1/27/2020 |

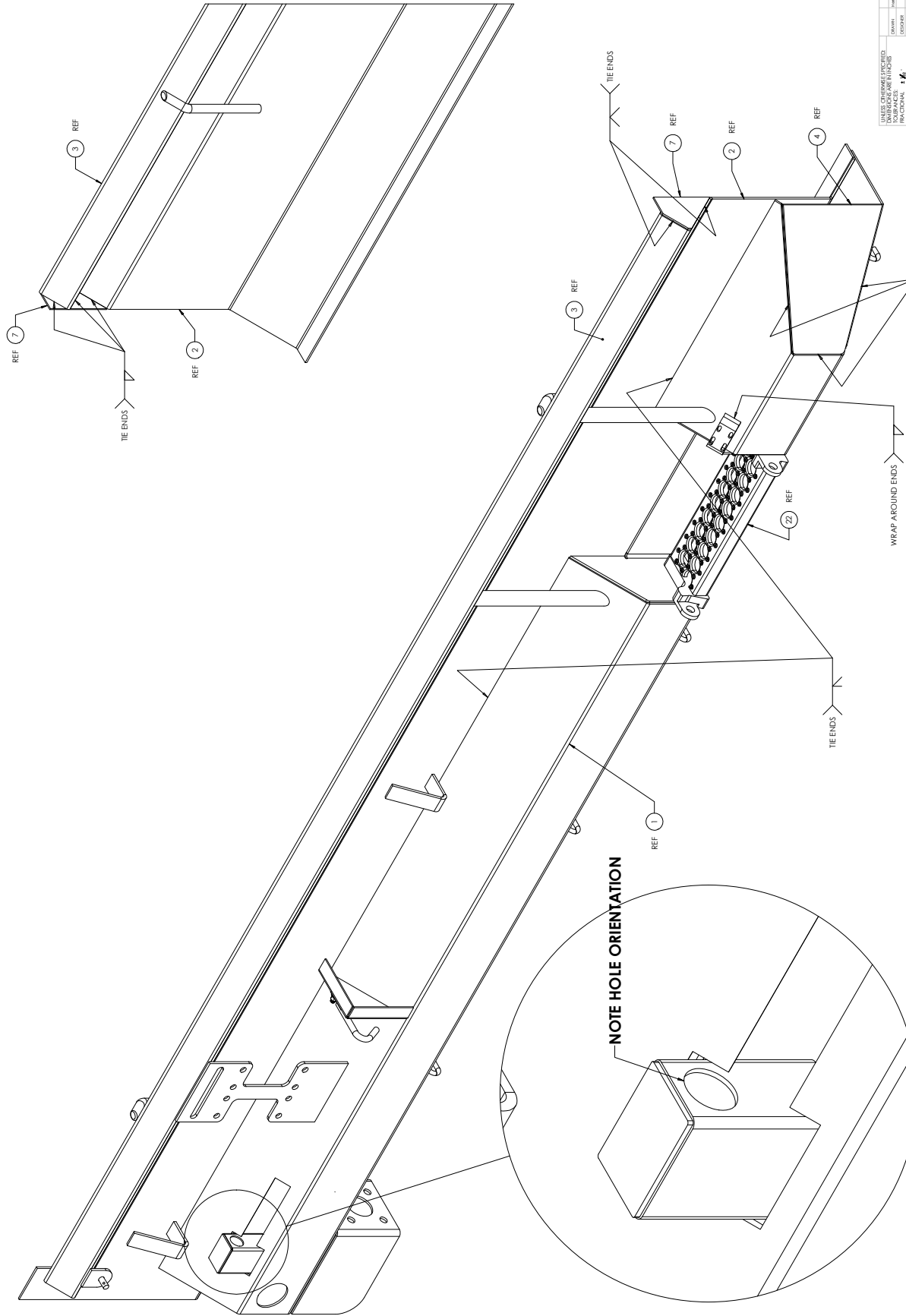
  

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|---------------------------|-------------------------|
| PROJECT                   | STATE OF CALIFORNIA     |
| DIVISION                  | DIVISION OF EQUIPMENT   |
| SECTION                   | SECTION 4               |
| ITEM                      | 4 TO ROLL-OFF DUMP BODY |
| DESCRIPTION               | PASSENGER-SIDE PANEL    |
| CONSTRUCTION AND MATERIAL | WELDED                  |
| REV                       | REV                     |
| SIZE                      | SIZE                    |
| DWG. NO.                  | DWG. NO.                |
| 08-001670                 | 08-001670               |
| SCALE                     | SCALE                   |
| 1/4"                      | 1/4"                    |
| SHEET                     | SHEET                   |
| 4 OF 10                   | 4 OF 10                 |



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| EXAMINER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| <p><b>GENERAL AND PRELIMINARY</b></p> <p>1. MAKE AND MODEL NO. OF EQUIPMENT TO BE TESTED</p> <p>2. SERIAL NO. OF EQUIPMENT TO BE TESTED</p> <p>3. NAME AND ADDRESS OF TESTER</p> <p>4. NAME AND ADDRESS OF USER</p> <p>5. NAME AND ADDRESS OF OWNER</p> <p>6. NAME AND ADDRESS OF INSURER</p> <p>7. NAME AND ADDRESS OF INSURANCE AGENT</p> <p>8. NAME AND ADDRESS OF INSURANCE BROKER</p> <p>9. NAME AND ADDRESS OF INSURANCE COMPANY</p> <p>10. NAME AND ADDRESS OF INSURANCE POLICY</p> <p>11. NAME AND ADDRESS OF INSURANCE CLAIM</p> <p>12. NAME AND ADDRESS OF INSURANCE SETTLEMENT</p> <p>13. NAME AND ADDRESS OF INSURANCE PAYMENT</p> <p>14. NAME AND ADDRESS OF INSURANCE RECEIPT</p> <p>15. NAME AND ADDRESS OF INSURANCE CHECK</p> <p>16. NAME AND ADDRESS OF INSURANCE DEPOSIT</p> <p>17. NAME AND ADDRESS OF INSURANCE WITHDRAWAL</p> <p>18. NAME AND ADDRESS OF INSURANCE TRANSFER</p> <p>19. NAME AND ADDRESS OF INSURANCE ASSIGNMENT</p> <p>20. NAME AND ADDRESS OF INSURANCE RELEASE</p> <p>21. 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NAME AND ADDRESS OF INSURANCE RENEWAL RENEWAL RENEWAL RENE</p> |                 |                                                                                    |

BILL OF MATERIALS

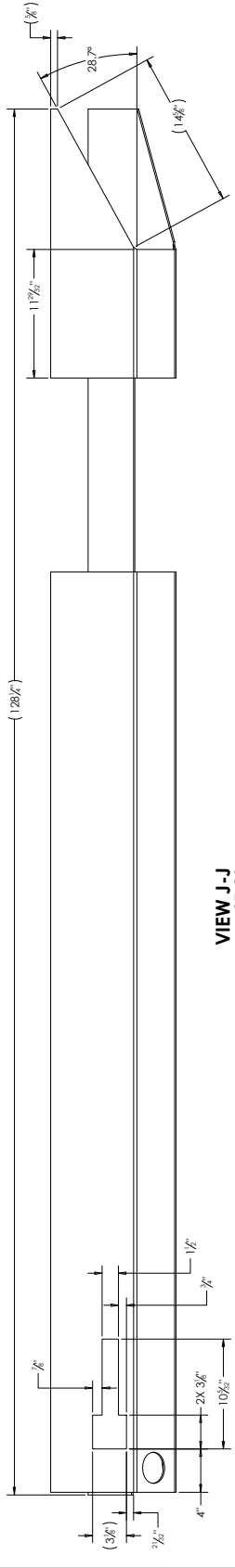


PE-32-12-6633

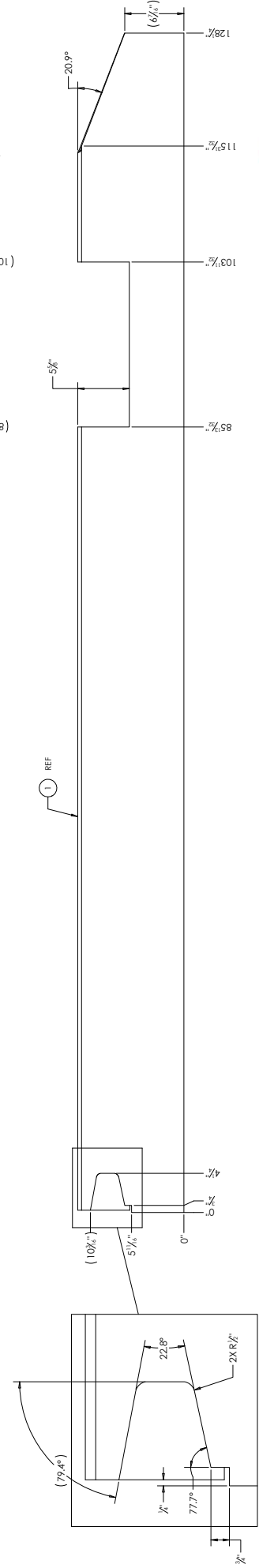
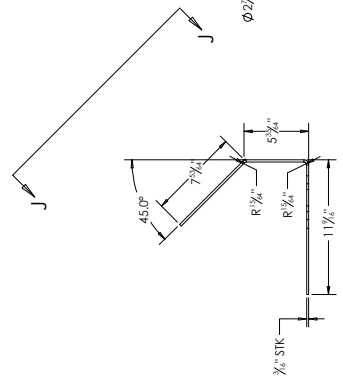
DETAIL L  
SCALE 1:1

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| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>FRACTIONS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4, 1 1/2, 1 3/4, 1 7/8, 2, 2 1/8, 2 1/4, 2 1/2, 2 3/4, 2 7/8, 3, 3 1/8, 3 1/4, 3 1/2, 3 3/4, 3 7/8, 4, 4 1/8, 4 1/4, 4 1/2, 4 3/4, 4 7/8, 5, 5 1/8, 5 1/4, 5 1/2, 5 3/4, 5 7/8, 6, 6 1/8, 6 1/4, 6 1/2, 6 3/4, 6 7/8, 7, 7 1/8, 7 1/4, 7 1/2, 7 3/4, 7 7/8, 8, 8 1/8, 8 1/4, 8 1/2, 8 3/4, 8 7/8, 9, 9 1/8, 9 1/4, 9 1/2, 9 3/4, 9 7/8, 10, 10 1/8, 10 1/4, 10 1/2, 10 3/4, 10 7/8, 11, 11 1/8, 11 1/4, 11 1/2, 11 3/4, 11 7/8, 12, 12 1/8, 12 1/4, 12 1/2, 12 3/4, 12 7/8, 13, 13 1/8, 13 1/4, 13 1/2, 13 3/4, 13 7/8, 14, 14 1/8, 14 1/4, 14 1/2, 14 3/4, 14 7/8, 15, 15 1/8, 15 1/4, 15 1/2, 15 3/4, 15 7/8, 16, 16 1/8, 16 1/4, 16 1/2, 16 3/4, 16 7/8, 17, 17 1/8, 17 1/4, 17 1/2, 17 3/4, 17 7/8, 18, 18 1/8, 18 1/4, 18 1/2, 18 3/4, 18 7/8, 19, 19 1/8, 19 1/4, 19 1/2, 19 3/4, 19 7/8, 20, 20 1/8, 20 1/4, 20 1/2, 20 3/4, 20 7/8, 21, 21 1/8, 21 1/4, 21 1/2, 21 3/4, 21 7/8, 22, 22 1/8, 22 1/4, 22 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BILL OF MATERIALS



VIEW J-J  
45.0°  
SCALE 3:16



DETAIL K  
SCALE 1:2

ITEM 1  
CALTRANS CAD MODEL # 08-001671  
SCALE 3:16

PE-32-12-6633

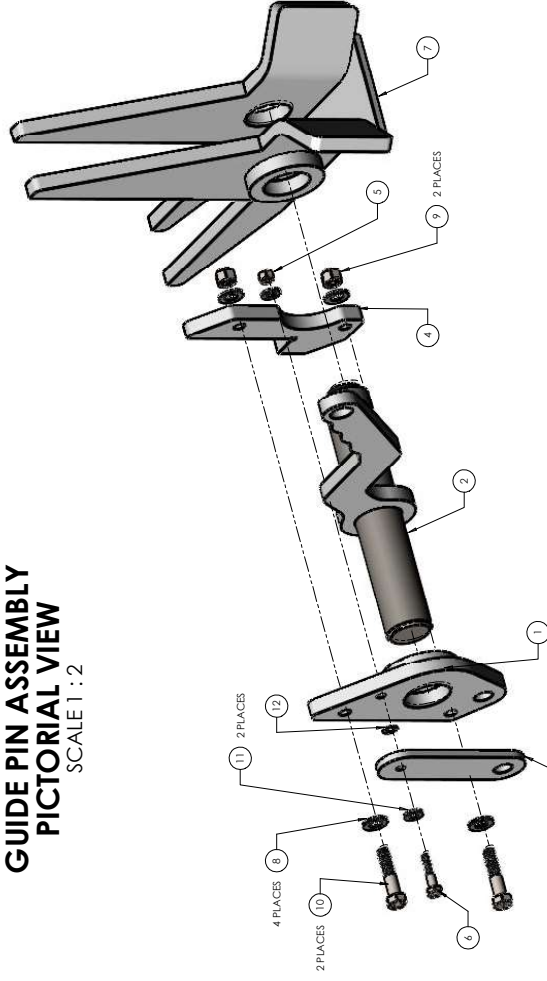
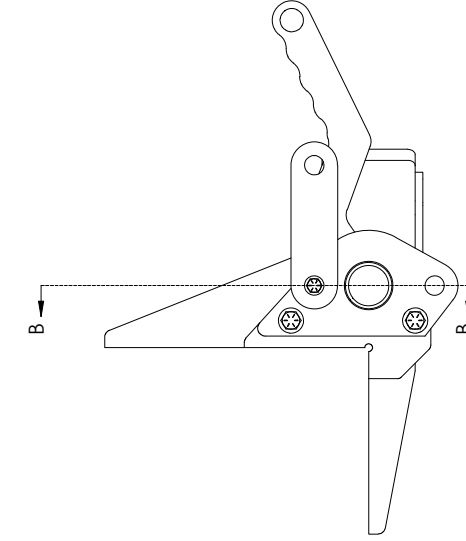
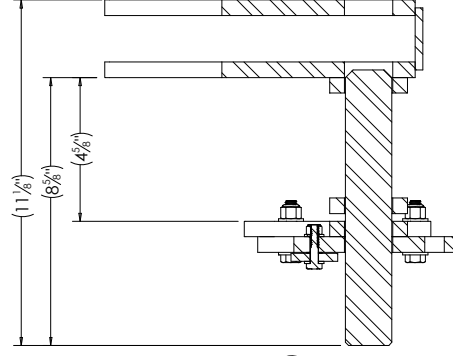
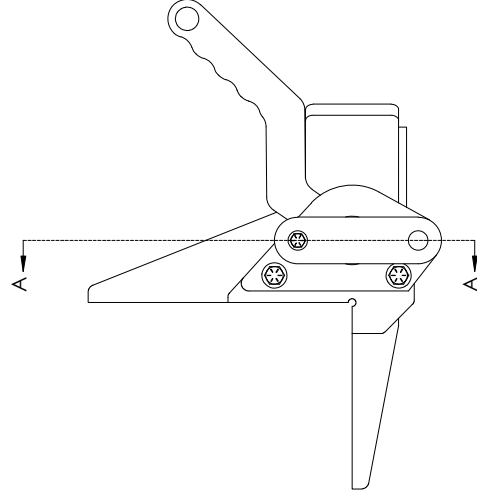
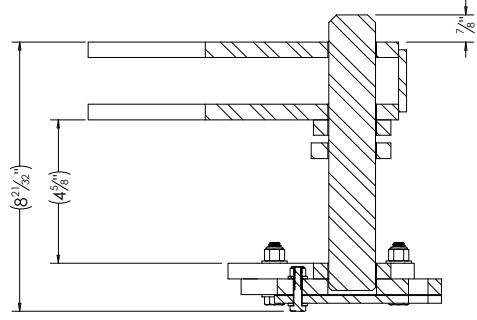
|                                                                      |                                        |                  |                          |                  |
|----------------------------------------------------------------------|----------------------------------------|------------------|--------------------------|------------------|
| STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT | NAME<br>CALTRANS                       | DATE<br>12/12/07 | PROJECT<br>PE-32-12-6633 | SHEET<br>7 OF 10 |
| CONTRACT NO.<br>08-001671                                            | DESCRIPTION<br>4 YD ROLL-OFF DUMP BODY | DATE<br>12/12/07 | PROJECT<br>PE-32-12-6633 | SHEET<br>7 OF 10 |
| CONTRACT NO.<br>08-001671                                            | DESCRIPTION<br>PASSENGER-SIDE PANEL    | DATE<br>12/12/07 | PROJECT<br>PE-32-12-6633 | SHEET<br>7 OF 10 |
| CONTRACT NO.<br>08-001671                                            | DESCRIPTION<br>PASSENGER-SIDE PANEL    | DATE<br>12/12/07 | PROJECT<br>PE-32-12-6633 | SHEET<br>7 OF 10 |
| CONTRACT NO.<br>08-001671                                            | DESCRIPTION<br>PASSENGER-SIDE PANEL    | DATE<br>12/12/07 | PROJECT<br>PE-32-12-6633 | SHEET<br>7 OF 10 |







| ITEM NO. | QTY. | DESCRIPTION                                                                       | SUPPLIER/ MFG. PART NO. | CALTRANS DWG. PART NO. |
|----------|------|-----------------------------------------------------------------------------------|-------------------------|------------------------|
| 1        | 1    | GUIDE PLATE WELDMENT ASSEMBLY                                                     |                         | 05-0000215             |
| 2        | 1    | PIN AND LEVER WELDMENT ASSEMBLY                                                   |                         | 05-0000206             |
| 3        | 1    | 1/4" X 1.50 X 5.375, HRS                                                          |                         | 05-0000214             |
| 4        | 1    | 1/2" X 2.375 X 6, HRS PLATE                                                       |                         | 05-0000207             |
| 5        | 1    | 1/4-20 LOCK NUT, GRADE 8, ZINC                                                    | McMASTER<br>771354210   |                        |
| 6        | 1    | 1/4-20 X 1.25, HEX CAP SCREW, GRADE 8, ZINC                                       | McMASTER<br>9125A544    |                        |
| 7        | 1    | GUIDE PIN WELDMENT ASSEMBLY                                                       |                         | 05-0000199             |
| 8        | 4    | 3/8" NOM WASHER, GRADE 8, ZINC                                                    | McMASTER<br>9602BA031   |                        |
| 9        | 2    | NYLON INSERT LOCKNUT, 3/8"-16 UNC-2B, STEEL, GRADE 8, ZINC YELLOW CHROMATE PLATED | McMASTER<br>97135A230   |                        |
| 10       | 2    | 3/8"-16 X 1.50 HEX CAP SCREW, GRADE 8, ZINC                                       | McMASTER<br>9125FA30    |                        |
| 11       | 2    | 1/4" NOM WASHER, GRADE 8, ZINC                                                    | McMASTER<br>9602BA029   |                        |
| 12       | 1    | 1/4" NOM, UHWV WASHER                                                             | McMASTER<br>9364FA232   |                        |

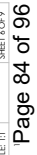
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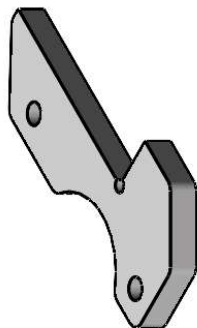




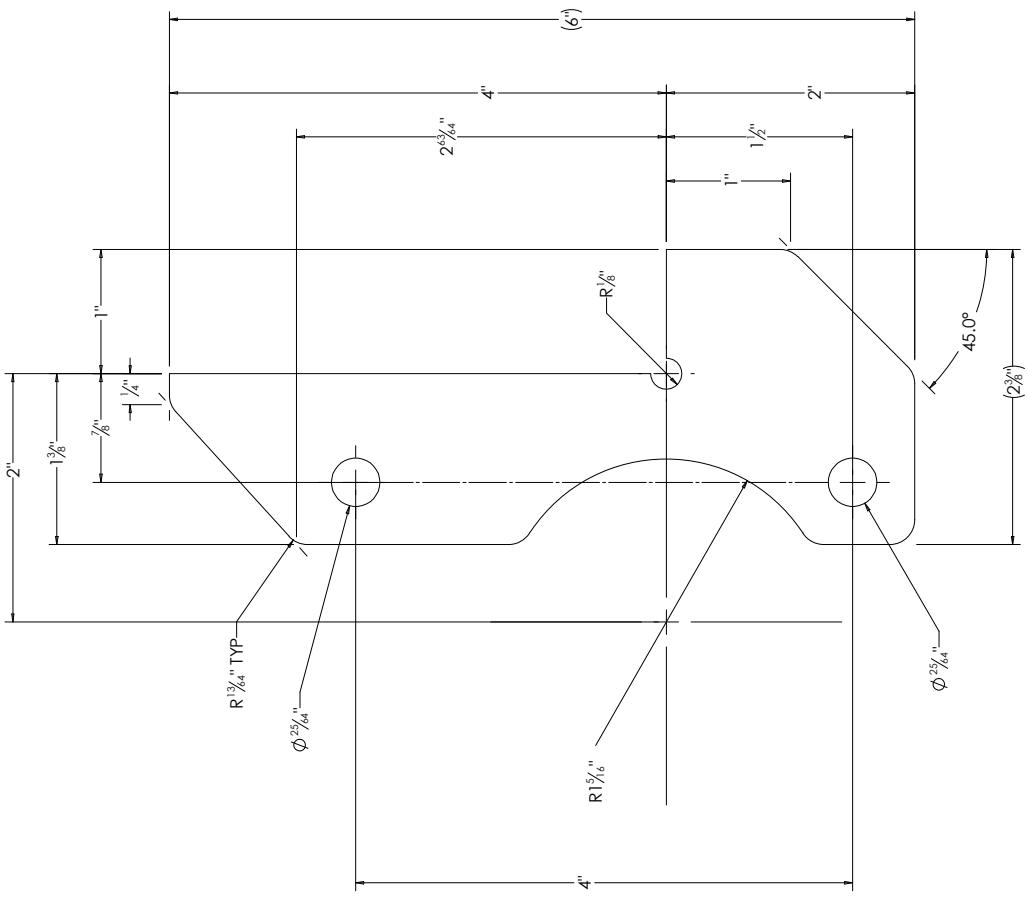


[illegible]





ITEM 4 - FROM SHT 1  
ISO VIEW  
SCALE 1:1

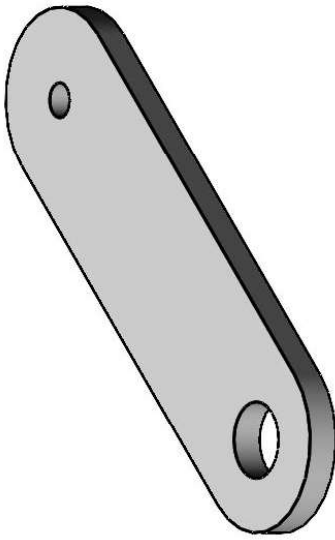


PE-32-12-6633

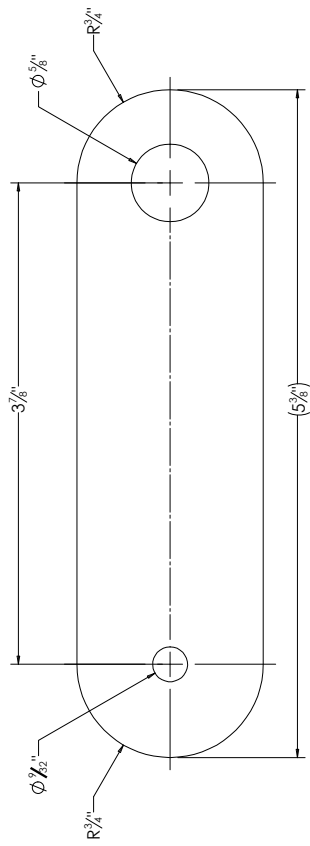
ITEM 4 - FROM SHT 1  
CALTRANS CAD MODEL 05-0000207  
TOP VIEW  
SCALE 2:1

| UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | UNLESS OTHERWISE SPECIFIED   | DATE    | NAME      | DATE    | NAME      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------|-----------|---------|-----------|
| ALL DIMENSIONS ARE IN INCHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ALL DIMENSIONS ARE IN INCHES | 2/23/21 | CHEN, JIN | 2/23/21 | CHEN, JIN |
| FRACTIONS: 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 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         |





ITEM 3  
FROM SHT 1  
ISO VIEW  
SCALE 2:1



ITEM 3 - FROM SHT 1  
CALTRANS CAD MODEL 05-0000214  
TOP VIEW  
SCALE 2:1

|                                                         |           |                         |         |                                                                        |
|---------------------------------------------------------|-----------|-------------------------|---------|------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONS ARE IN INCHES |           | DATE                    | 2/23/21 | STATE OF CALIFORNIA<br>DEPARTMENT OF HIGHWAYS<br>DIVISION OF EQUIPMENT |
| DRAWN                                                   | Q. MURPHY | NAME                    |         | TITLE                                                                  |
| CHECKED                                                 |           | DATE                    |         |                                                                        |
| FRACTIONAL 1/16"                                        |           | DECIMAL 1/100"          |         | PROJECT AND COMMENTS                                                   |
| THREE PLACE DECIMAL 1/100"                              |           | TWO PLACE DECIMAL 1/10" |         |                                                                        |
| AND 1/162-2009                                          |           | AND 1/162-2009          |         | SIZE DWG. NO.                                                          |
| WEIGHT 22.42 LBS                                        |           | SCALE 2:1               |         |                                                                        |
|                                                         |           |                         |         | REV D 06-000275 D                                                      |
|                                                         |           |                         |         | SHEET 9 OF 9                                                           |

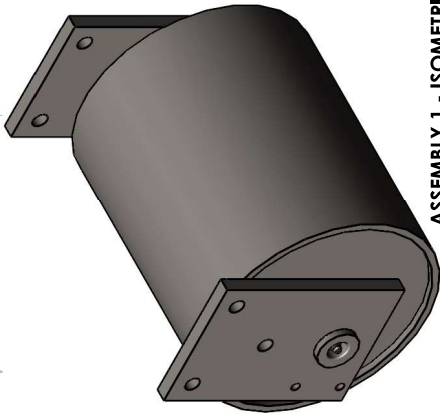
PE-32-12-6633



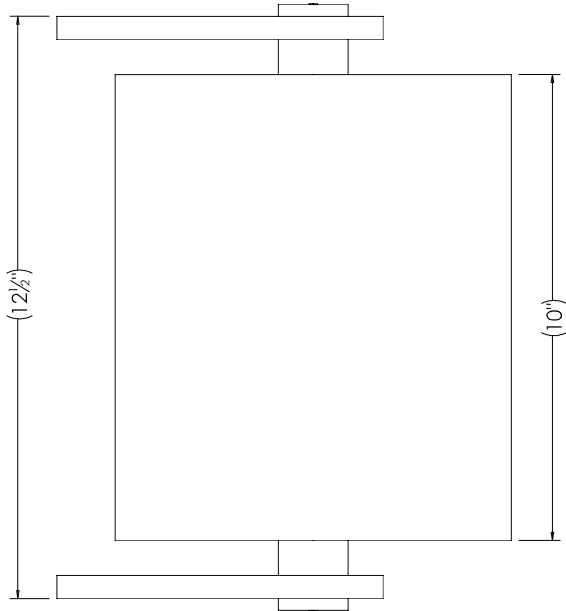
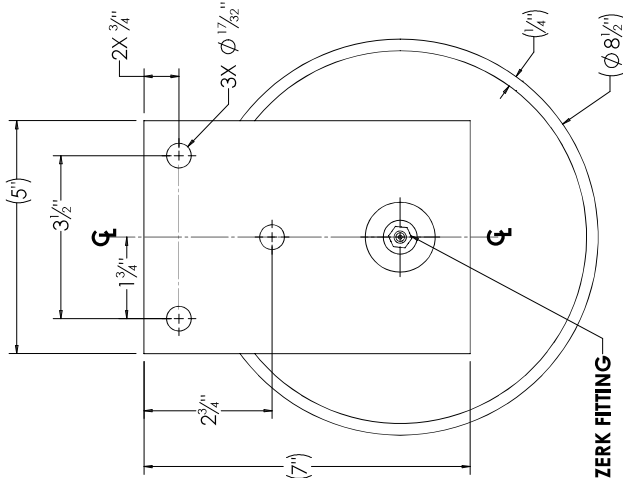




ALTERED ITEM DRAWING:  
ASSEMBLY 1 SHOWS HOLES TO ADD TO  
STANDARD PART 4070119 SUPPLIED BY  
ROLL-OFFPARTS.COM



ASSEMBLY 1 - ISOMETRIC VIEW  
SHOWN FOR REF ONLY



**ASSEMBLY 1**  
**CONFIGURATION FOR 4 YD & 10 YD ROLL-OFF BODY TRUCKS**  
**SCALE 3 : 4**

PE-32-12-6633

| BILL OF MATERIALS |      |                                                                                                                   |                           |
|-------------------|------|-------------------------------------------------------------------------------------------------------------------|---------------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                                       | SUPPLIER/ATG PART NO.     |
| 1                 | 1    | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | ROLL-OFFPARTS.COM 4070119 |

|    |                                                                                                                   |        |                 |
|----|-------------------------------------------------------------------------------------------------------------------|--------|-----------------|
| 1  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | S. BOWE         |
| 2  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 3  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 4  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 5  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 6  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 7  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 8  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 9  | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 10 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |

|    |                                                                                                                   |        |                 |
|----|-------------------------------------------------------------------------------------------------------------------|--------|-----------------|
| 11 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 12 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 13 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 14 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 15 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 16 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 17 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 18 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 19 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |
| 20 | 10 YD ROLL-OFF BODY TRUCK ROLLER 1/2 X 1/2 X 1/2 (SEE SIDE VIEWS) FOR ROLLER STEEL SHAFT AND DOUBLE ZERK FITTINGS | 202001 | Roller Assembly |

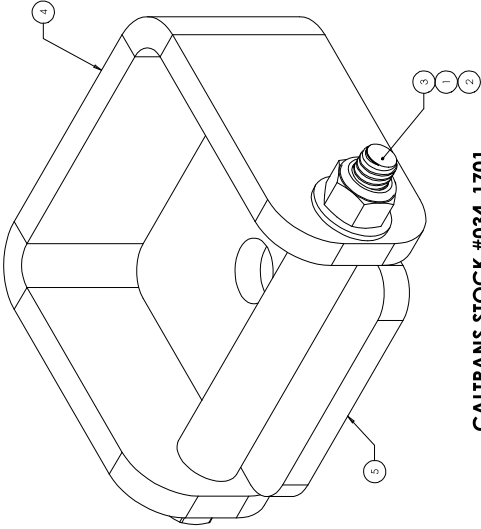
| ITEM | QTY |
|------|-----|
|------|-----|

Technical drawing of the front view of a Zerk fitting. The drawing shows a rectangular block with a central circular feature. Dimensions include a total width of 5 inches, a central hole diameter of 3/2 inches, and a distance of 1 3/4 inches from the center to the edge. The block is labeled "ZERK FITTING" and "ALITE".

PE-32-12-6633

[illegible]

| BILL OF MATERIALS |      |                                                                                                       |                       |
|-------------------|------|-------------------------------------------------------------------------------------------------------|-----------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                           | SUPPLIER/MFG PART NO. |
| 1                 | 1    | HEXAGONAL NUT/INSERT, 5/16"-18 UNC-2B, YELLOW-CHROMATE PLATED                                         |                       |
| 2                 | 1    | WASHER, FLAT, 5/16" SCREW SIZE                                                                        |                       |
| 3                 | 1    | WELDED CORNER BRACKET, 3/4" X 1/2" X 2A PAPER TREAD, GRADE 8 ALLOY STEEL, ZINC-YELLOW-CHROMATE PLATED |                       |
| 4                 | 1    | 0.250" X 1.50" X 7.919" LG ASTM A36 PLATE, HOT ROLLED, PICKLED AND OILED                              |                       |
| 5                 | 1    | ASSEMBLY CONSISTS OF ITEMS 6 & 7                                                                      |                       |



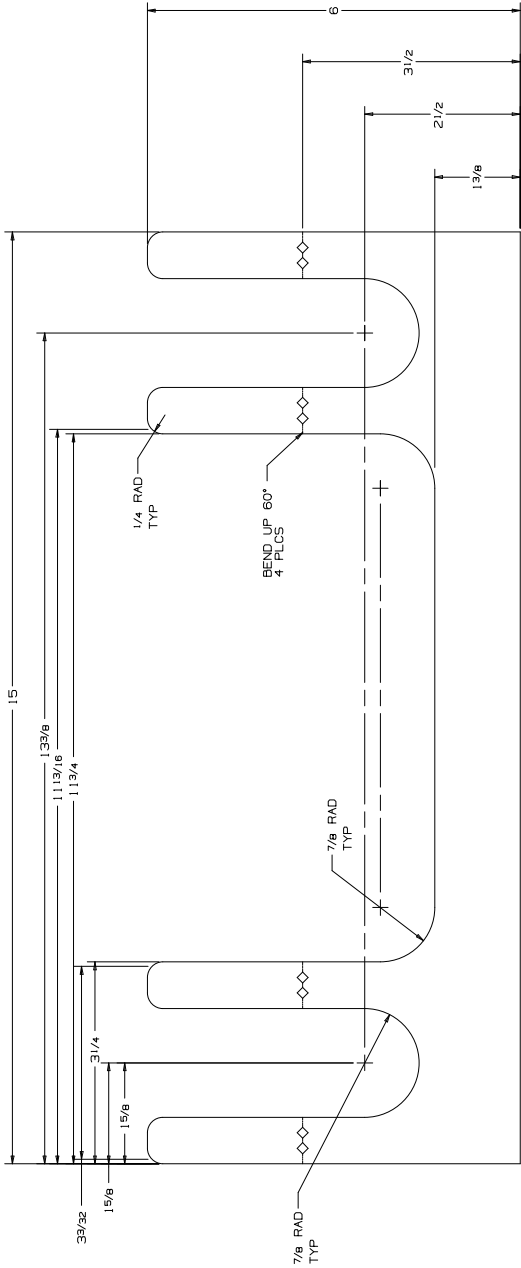
CALLTRANS STOCK #034-1701  
ASSY CONSISTS OF ITEMS 1 THRU 7

UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
2. SOME DIMENSIONS MAY BE APPROXIMATE. DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE SPECIFIED.
3. PROVIDE ALL SURFACES AND OTHER CONTACT SURFACES FROM METAL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN AND DRY BEFORE PAINTING.
4. ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [http://www.caltrans.gov/eqm](#) for more information.
5. THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. USE PROPER PROCEDURES AND SEQUENCE OF WELDING TO MINIMIZE DISTORTION AND RESIDUAL STRESS. MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
6. ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. SIZE OF ALL APPLICABLE WELDS TO BE AT LEAST THE THICKNESS OF THE THINNER OF THE ADJOINING PARTS. WELDS TO BE MADE IN ACCORDANCE WITH THE WELDING PRACTICES OF THE INDUSTRY BEST PRACTICES.
7. SEALANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS NOT WELDED CONTINUOUS. SEAL USING SIKAREX-521 UV RESISTANT WHITE COLOR MANUFACTURED BY Sika CORPORATION.

| REV                                                                                                                                                                                                         | DESCRIPTION         | DATE       | APPROVED     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|--------------|
| 1                                                                                                                                                                                                           | 1.07.0004           |            |              |
| STATE OF CALIFORNIA<br>DIVISION OF HIGHWAYS<br>DIVISION OF EQUIPMENT                                                                                                                                        |                     |            |              |
| BRACKET PIVOT, AMBER FLASHER                                                                                                                                                                                |                     |            |              |
| FOR BIDDING AND CONSTRUCTION                                                                                                                                                                                |                     |            |              |
| THIS DRAWING IS THE PROPERTY OF THE STATE OF CALIFORNIA. IT IS TO BE USED FOR THE PROJECT AND NOT BE REPRODUCED OR COPIED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE DIVISION OF HIGHWAYS. |                     |            |              |
| DATE: 10/15/2009                                                                                                                                                                                            | BY: JANE 11452-2009 | SCALE: 2:1 | SHEET 1 OF 1 |

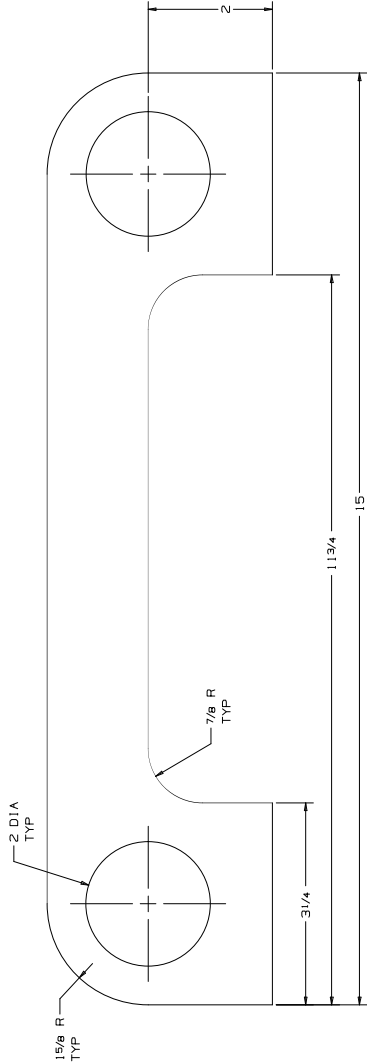
| BILL OF MATERIALS |                                  |
|-------------------|----------------------------------|
| ITEM              | QTY DESCRIPTION                  |
| 101               | 1 10 GA x 6 x 15 LG HRS SHEET    |
| 102               | 1 10 GA x 35/8 x 15 LG HRS SHEET |



ITEM 101

NOTES :

1. © COPYRIGHT 2014 CALIFORNIA DEPARTMENT OF TRANSPORTATION. ALL RIGHTS RESERVED. THIS DOCUMENT IS UNCLASSIFIED AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE CALIFORNIA DEPARTMENT OF TRANSPORTATION.



ITEM 102

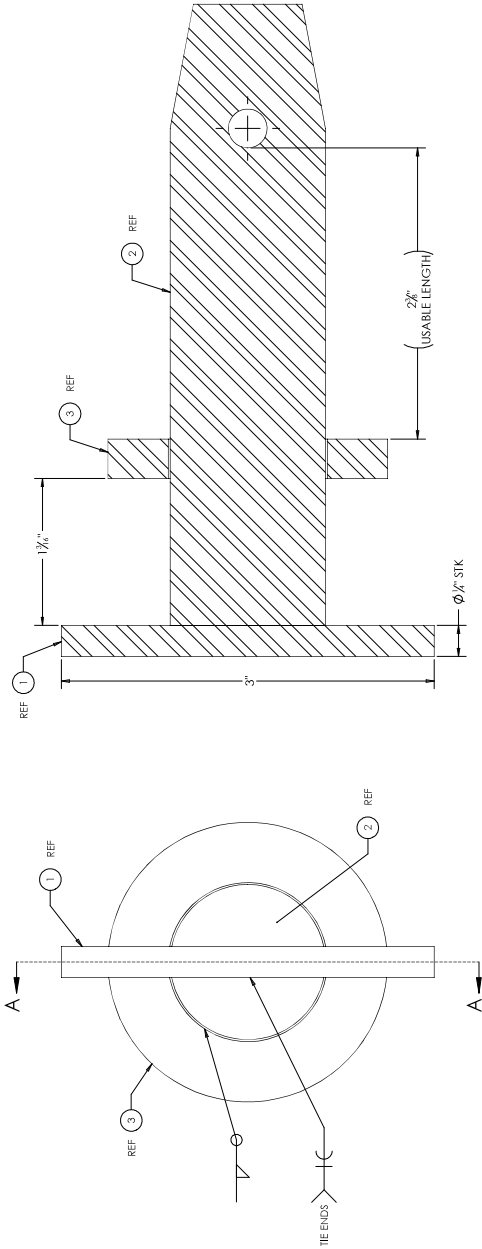
PE-32-12-6633

|                                       |             |        |                    |        |
|---------------------------------------|-------------|--------|--------------------|--------|
| B                                     | 09/08       | CHNG'D | DESIGN OF ITEM 102 | JDR    |
| A                                     | 01/05       | CHNG'D | DESIGN OF ITEM 102 | DOWNIN |
| REV                                   | DESCRIPTION |        |                    |        |
| NEXT ASSEMBLY                         |             |        |                    |        |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |             |        |                    |        |
| DECIMALS 1/16                         |             |        |                    |        |
| ANGULAR 1/4                           |             |        |                    |        |
| DRILLED HOLES 1/8                     |             |        |                    |        |
| REAMED HOLES 1/8                      |             |        |                    |        |
| SCALE FULL                            |             |        |                    |        |
| DATE 11/04/04                         |             |        |                    |        |
| DRAWN DOWNIN                          |             |        |                    |        |
| DESIGNED WHEELER                      |             |        |                    |        |
| APPROVED                              |             |        |                    |        |
| SHEET 1 OF 1 SHEETS                   |             |        |                    |        |

|                              |         |  |  |  |
|------------------------------|---------|--|--|--|
| STATE OF CALIFORNIA          |         |  |  |  |
| DEPARTMENT OF TRANSPORTATION |         |  |  |  |
| DIVISION OF HIGHWAYS         |         |  |  |  |
| SHOVEL HOLDER, WELD-ON       |         |  |  |  |
| DATE 11/04/04                |         |  |  |  |
| SCALE                        | FULL    |  |  |  |
| DRAWN                        | DOWNIN  |  |  |  |
| DESIGNED                     | WHEELER |  |  |  |
| APPROVED                     |         |  |  |  |
| E1-D184-01                   |         |  |  |  |
| SHEET 1 OF 1 SHEETS          |         |  |  |  |

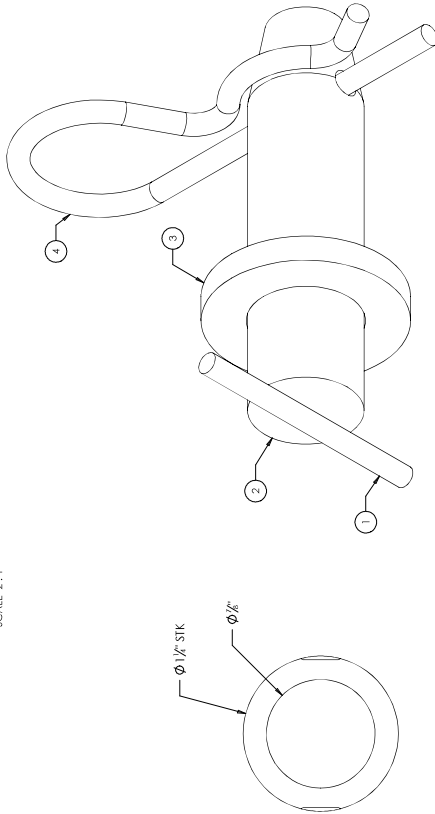
| BILL OF MATERIALS |      |                                                                                                     |                       |
|-------------------|------|-----------------------------------------------------------------------------------------------------|-----------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                                                         | SUPPLIER/AFG PART NO. |
| 1                 | 1    | 1/4 PIN X 3.00 LG ASTM A36 HOT ROLLED STEEL ROUND BAR                                               | 04-000312             |
| 2                 | 1    | 1.250 Ø X 5.0 LG 1018 STEEL ROUND BAR, PER ASTM A108                                                | 04-000313             |
| 3                 | 1    | STEEL OVERSIZED WASHER FOR 1-1/4" SCREW SIZE 1.281" ID, 2.25" OD                                    | MCMASTER 9120 K040    |
| 4                 | 1    | 316 STAINLESS STEEL HARPIN COITER PIN FOR 1-1/4 TO 1-1/2" CLEVIS PIN DIAMETER, 0.250" WIRE DIAMETER | MCMASTER 9225A393     |

ALTERNATE DESIGN  
MACHINE FROM 1018 STEEL,  
ROUND STOCK TO COMBINE ITEMS 2 & 3

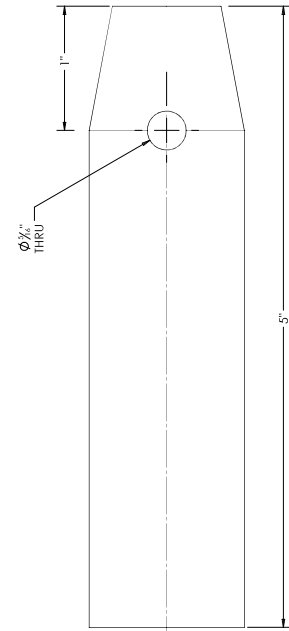


PIN WELDMENT  
CALTRANS CAD MODEL 04-000310  
SCALE 2:1

SECTION A-A  
SCALE 2:1



1.25" DIA. x 2.375" USABLE LENGTH PIN ASSEMBLY  
CALTRANS CAD MODEL 04-000310  
SCALE 1.5:1



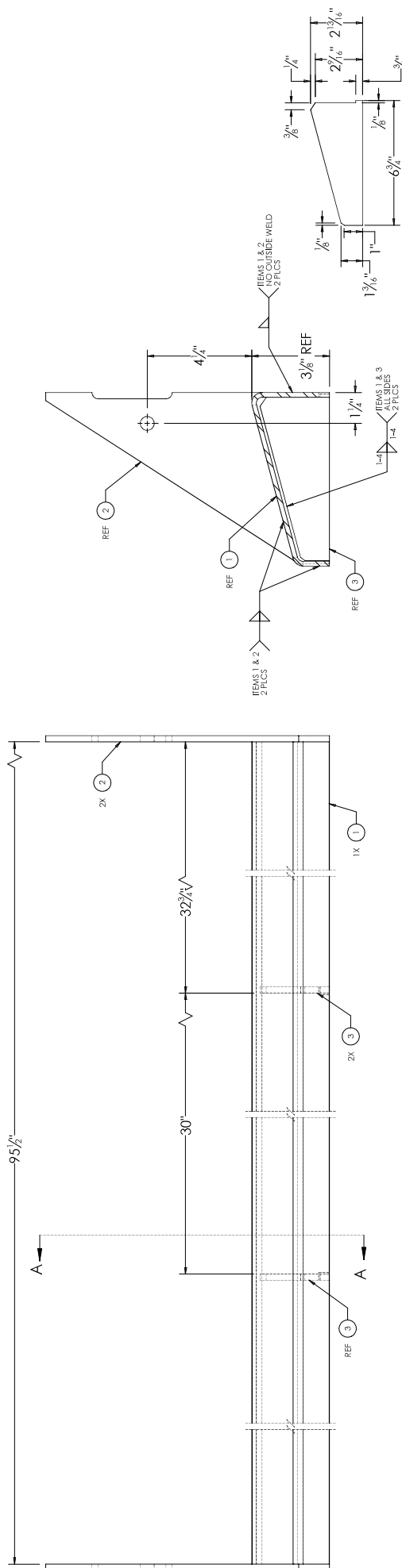
ITEM 2  
CALTRANS CAD MODEL 04-000313  
SCALE 2:1

- UNLESS OTHERWISE SPECIFIED:
- REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
  - SOME DIMENSIONS MAY BE ROUNDED UP TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
  - REMOVE ALL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS FROM ALL SURFACES BEFORE WELDING. METAL SURFACES SHALL BE CLEAN AND DRY BEFORE PAINTING.
  - ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [www.dcl.ca.gov/hq/eqic](http://www.dcl.ca.gov/hq/eqic) TO VIEW EQUIPMENT QUALITY STANDARDS.
  - THE WORK SHALL BE POSITIONED FOR FLAT WELDING WHENEVER POSSIBLE. USE PROPER PROCEDURES AND SEQUENCE OF WELDING TO AVOID NEEDLESS DISTORTION, AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
  - ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. SIZE OF ALL APPLICABLE WELDS TO BE AT LEAST THE THICKNESS OF THE THINNER PART. WELDS TO BE UNIFORM AND NEAT IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
  - SEALANT SHALL BE APPLIED AFTER PAINTING TO ALL JOINTS AND SEAMS NOT WELDED CONTINUOUS. SEAL USING SIKAR6420 UV RESISTANT WHITE COLOR MANUFACTURED BY Sika CORPORATION.

|                                                                              |           |              |      |
|------------------------------------------------------------------------------|-----------|--------------|------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT | DATE      | REVISION     | BY   |
| 4-YD ROLL-OFF DUMP BODY<br>SUB-ASSEMBLY, TAILGATE TOP PIN                    |           |              |      |
| CONTRACT NO. 04-000310                                                       | REV. NO.  | REV.         | REV. |
| SCALE 1:1                                                                    | SCALE 1:1 | SHEET 1 OF 1 |      |

PE-32-12-6633

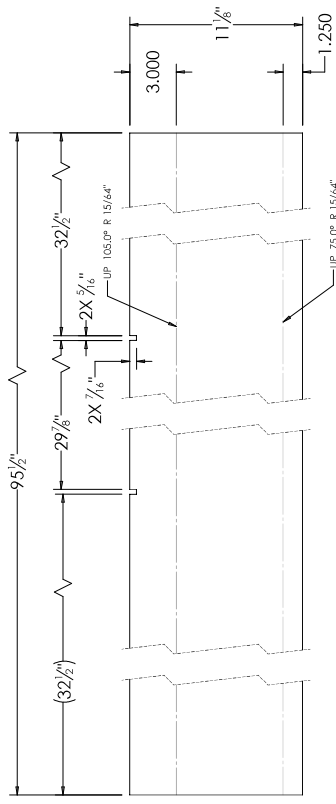
| BILL OF MATERIALS |      |                                                                     |
|-------------------|------|---------------------------------------------------------------------|
| ITEM NO.          | QTY. | DESCRIPTION                                                         |
| 1                 | 1    | 3/16" THK PLATE, A36 STEEL HOT ROLLED, PICKLED & OILED PER ASTM A36 |
| 2                 | 2    | 1/4" THK PLATE, A36 STEEL HOT ROLLED, PICKLED & OILED PER ASTM A36  |
| 3                 | 2    | 1/4" THK PLATE, A36 STEEL HOT ROLLED, PICKLED & OILED PER ASTM A36  |



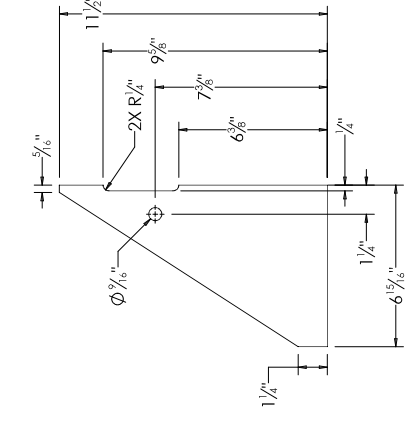
**TAILGATE APRON ASSEMBLY**  
CALTRANS CAD MODEL # 054175  
SCALE 1:2

**SECTION A-A**  
SCALE 1:2

**ITEM 3**  
CALTRANS CAD MODEL # 054178  
SCALE 3:8



**ITEM 1**  
CALTRANS CAD MODEL # 054173  
SCALE 1:4



**ITEM 2**  
CALTRANS CAD MODEL # 054177  
SCALE 3:8

- UNLESS OTHERWISE SPECIFIED:**
1. REMOVE ALL BURRS AND SHARP EDGES. ALL METAL PARTS SHALL BE DEBURRED TO ENSURE THEY ARE SAFE FOR HANDLING.
  2. SOME DIMENSIONS MAY BE ROUNDED OFF TO 1/16" IN ORDER TO FACILITATE INSPECTION BY SHOP PERSONNEL.
  3. REMOVE MIL SCALE, OIL, GREASE, AND OTHER CONTAMINANTS BEFORE WELDING. METAL SURFACES SHALL BE CLEAN AND DRY BEFORE PAINTING.
  4. ALL WELDS, ELECTRICAL AND PAINT WILL BE IN COMPLIANCE WITH CALTRANS EQUIPMENT QUALITY STANDARDS. GO TO [WWW.CDT.CO.EDU/HALEQC](http://WWW.CDT.CO.EDU/HALEQC) TO VIEW EQUIPMENT QUALITY STANDARDS.
  5. THE WORK SHALL BE EXPOSED FOR 24 HOURS AFTER WELDING TO AVOID NEEDLESS DISTORTION, AND MINIMIZE SHRINKAGE, WARPING, AND TWISTING OF THE ASSEMBLY.
  6. ALL JOINTS TO BE WELDED CONTINUOUS UNLESS OTHERWISE SPECIFIED. WELDS SHALL BE MADE IN ACCORDANCE WITH THE THICKNESS OF THE THINER OF THE JOINING PARTS. WELDS TO BE UNIFORM AND NEAT IN APPEARANCE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES.
  7. SEAMANTIC WELDED JOINTS AFTER PAINTING TO ALL JOINTS, A RESISTANT, WHITE COLOR MANUFACTURED BY SIA CORPORATION.

| REV. | DESCRIPTION                                 | DATE       | SCALE | APPROVED |
|------|---------------------------------------------|------------|-------|----------|
| A    | ISSUED FOR FABRICATION AND SHIP TO CALTRANS | 10/14/2020 |       |          |

|                                                                              |                               |                    |              |
|------------------------------------------------------------------------------|-------------------------------|--------------------|--------------|
| STATE OF CALIFORNIA<br>DEPARTMENT OF TRANSPORTATION<br>DIVISION OF EQUIPMENT | PROJECT NO.<br>054175         | DATE<br>10/14/2020 | SCALE<br>3:8 |
| TITLE<br>TAILGATE APRON                                                      | CONTRACT NO.<br>054175        | DATE<br>10/14/2020 | SCALE<br>3:8 |
| DESIGNED BY<br>SIA CORPORATION                                               | CHECKED BY<br>SIA CORPORATION | DATE<br>10/14/2020 | SCALE<br>3:8 |
| APPROVED BY<br>SIA CORPORATION                                               | DATE<br>10/14/2020            | SCALE<br>3:8       |              |