

INFORMATION HANDOUT

For Contract No. [10-0Y6304](#)

At [Mer -99 - 23.7/R30.4](#)

Identified by

Project ID [1013000269](#)

MATERIALS INFORMATION

Water Source Information

[Alternative Crash Cushions - REACT](#)

[Alternative Crash Cushions - SCI-100GM](#)

[Alternative Crash Cushions - Compressor](#)

[Alternative Crash Cushions - Quadguard Elite](#)

Hoang, Kenneth V@DOT

From: Bryan Kelly <bkelly@mercedid.org>
Sent: Friday, October 30, 2015 1:09 PM
To: Do, Charlie V@DOT; North, M@Merced County; heltal@mercedid.org; citymanager@atwater.org; oortiz@livingstoncity.com; citymanager@cityofmerced.org
Cc: Huerta, Jose A@DOT; Hoang, Kenneth V@DOT
Subject: RE: Estimated Water Usage for Water Availability Request

Your contractor can work with MID regarding the possibility of obtaining construction water. We generally try to accommodate construction works in the area by providing construction water when requested, although depending on the time and location, there are no guarantees.

Bryan Kelly, PE
Deputy General Manager, Water Resources
Merced Irrigation District
744 W. 20th Street
Merced, CA 95340
209-354-2810

From: Do, Charlie V@DOT [mailto:charlie.do@dot.ca.gov]
Sent: Wednesday, October 28, 2015 2:22 PM
To: North, M@Merced County; Hicham ElTal; Bryan Kelly; citymanager@atwater.org; oortiz@livingstoncity.com; citymanager@cityofmerced.org
Cc: Huerta, Jose A@DOT; Hoang, Kenneth V@DOT
Subject: Estimated Water Usage for Water Availability Request

Hello all,

California is currently under a Mandatory Water Rationing due the drought. For this reason, Caltrans has created a policy in regard to water usage for all projects. For every project, the Project Engineer is obligated to identify a water source (non-potable and/or potable) within 50 miles of the project limit. This information will be included in the special provision.

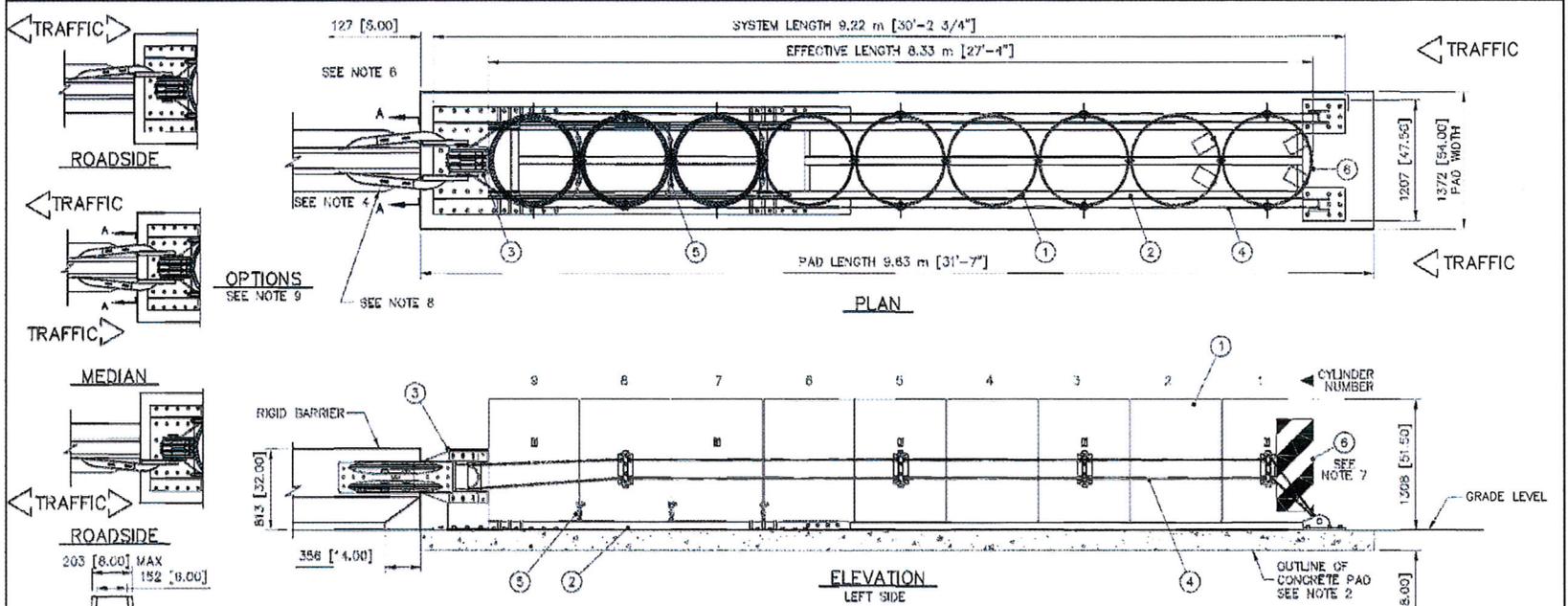
Attached, you will find the project plans and the Estimated Water Usage for Water Availability Request. Since this Caltrans policy is directed at the project level, every single project has to have its own request. You may have seen many different requests of similar nature. Please response according to quantity in the Estimated Water Usage for Water Availability Request.

Please contact me if you have any question. Thank you.

Charlie Do

Project Engineer
District 10, Design IV, Branch L
209-948-3803

DWG R62B036-TEL R



- NOTES:
1. IN COMPLIANCE WITH THE AASHTO 1998 ROADSIDE DESIGN GUIDE, MANUFACTURER RECOMMENDS REMOVAL OF ALL CURBS AND ISLANDS TO ENSURE PROPER IMPACT PERFORMANCE.
 2. 203 [8.00] MIN. REINFORCED 28 MPa [4000 PSI] P.C. CONCRETE PAD OR 203 [8.00] MIN. NON-REINFORCED 28 MPa [4000 PSI] P.C. CONCRETE ROADWAY, MEASURING AT LEAST 3.66m [12'-0"] WDE BY 15.24m [50'-0"] LONG.
 3. SEE THE "REACT 350(36)", PRODUCT MANUAL" FOR A DESCRIPTION OF ITS IMPACT PERFORMANCE CHARACTERISTICS AND DESIGN LIMITATIONS BEFORE PLACING A SYSTEM AT A GIVEN SITE. INFORMATION AND COPIES OF ABOVE MANUAL ARE AVAILABLE BY CALLING CUSTOMER SERVICE DEPARTMENT AT (312) 467-6750.
 4. WHERE NECESSARY, THE CUSTOMER SHALL SUPPLY A TRANSITION FROM THE SYSTEM TO THE OBJECT BEING SHIELDED TO PREVENT SKAGGING OF VEHICLES. TRANSITION ASSEMBLIES ARE SUPPLIED AS ACCESSORIES AND ARE TO BE ORDERED SEPARATELY.
 5. UNITS OF MEASUREMENT ARE MILLIMETERS [INCHES] UNLESS OTHERWISE NOTED.
 6. PROVIDE 127 [5.00] GAP. SYSTEM AND SAFETY SHAPED BARRIER TO MATCH CENTERLINES.
 7. NOSE COVER ASSEMBLY NOT INCLUDED IN MODEL NUMBER. ORDER SEPARATELY.
 8. TRIM BARRIER ON SIDE OF TRAFFIC TO REDUCE WHEEL SKAGGING POTENTIAL.
 9. SEE TRANSITION ASSEMBLY FOR END SHOE TRANSITION OVERLAP INSTRUCTIONS.

① CYLINDER	④ CABLE
② BASE TRACK	⑤ STABILIZER CHAIN
③ SELF-CONTAINED BACKUP	⑥ REFLECTIVE NOSE COVER

REFERENCES	
SERIAL#	CYLINDERS 3535001-6000
SALES ORDER#	BACKUP/BASE TRACK 609028
EH PROJECT#	CONCRETE PAD 114054
DESIGN SPEED	STABILIZER CHAIN 609182
NOSE TYPE	REFLECTIVE NOSE 3535003-0000
NUMBER OF UNITS	TRANSITION 3535008-0000
DEBRIS COVERS 609716 (OPTIONAL)	RESTRAINING CABLE 605780
	REFLECTOR ASSY 613705

DESIGNED BY	D. STALUS	DATE	10/11/00
CHECKED BY		DATE	
DRAWN BY	D. GILLOM	DATE	10/13/00
APPROVED BY	S. TURNER	DATE	10/13/00

SEE OPTIONS
MODEL NO. 62B036

ENERGY ABSORPTION SYSTEMS
ENGINEERING AND RESEARCH DEPARTMENT

REACT 350® (36") SYSTEM
w/ SELF-CONTAINED BACKUP AND TRANSITIONS, BOTH SIDES

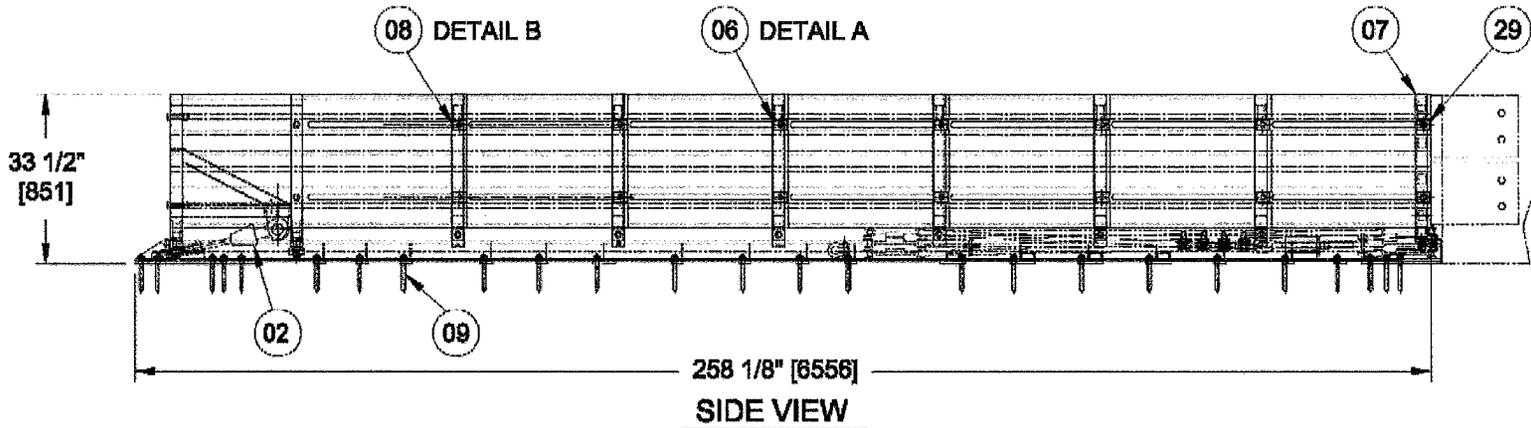
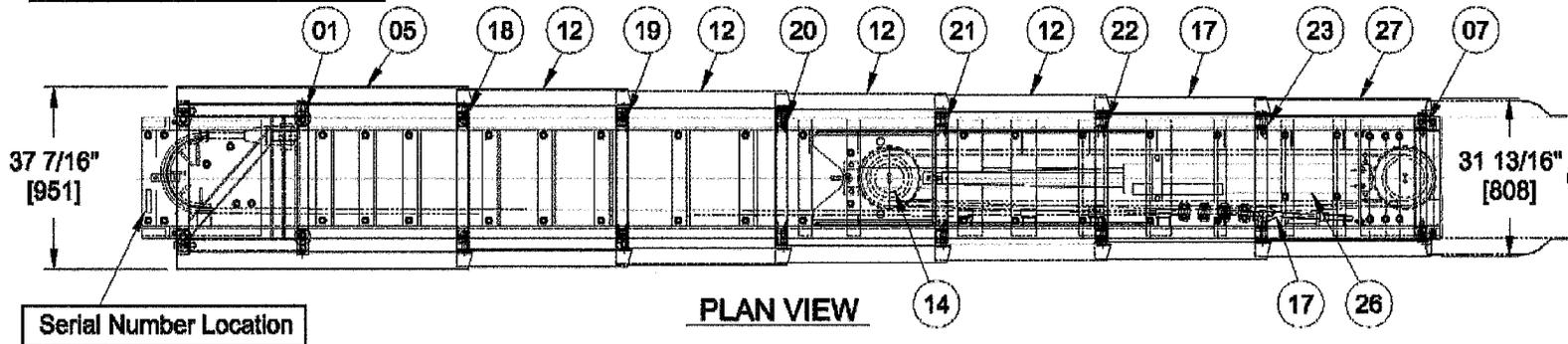
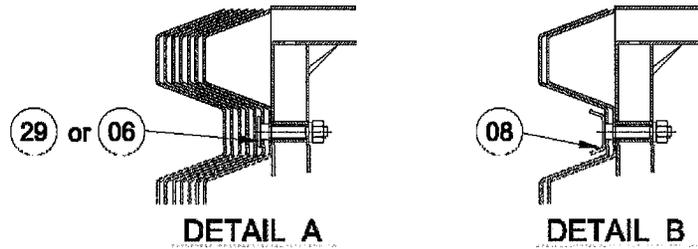
SCALE 1=40
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REV H

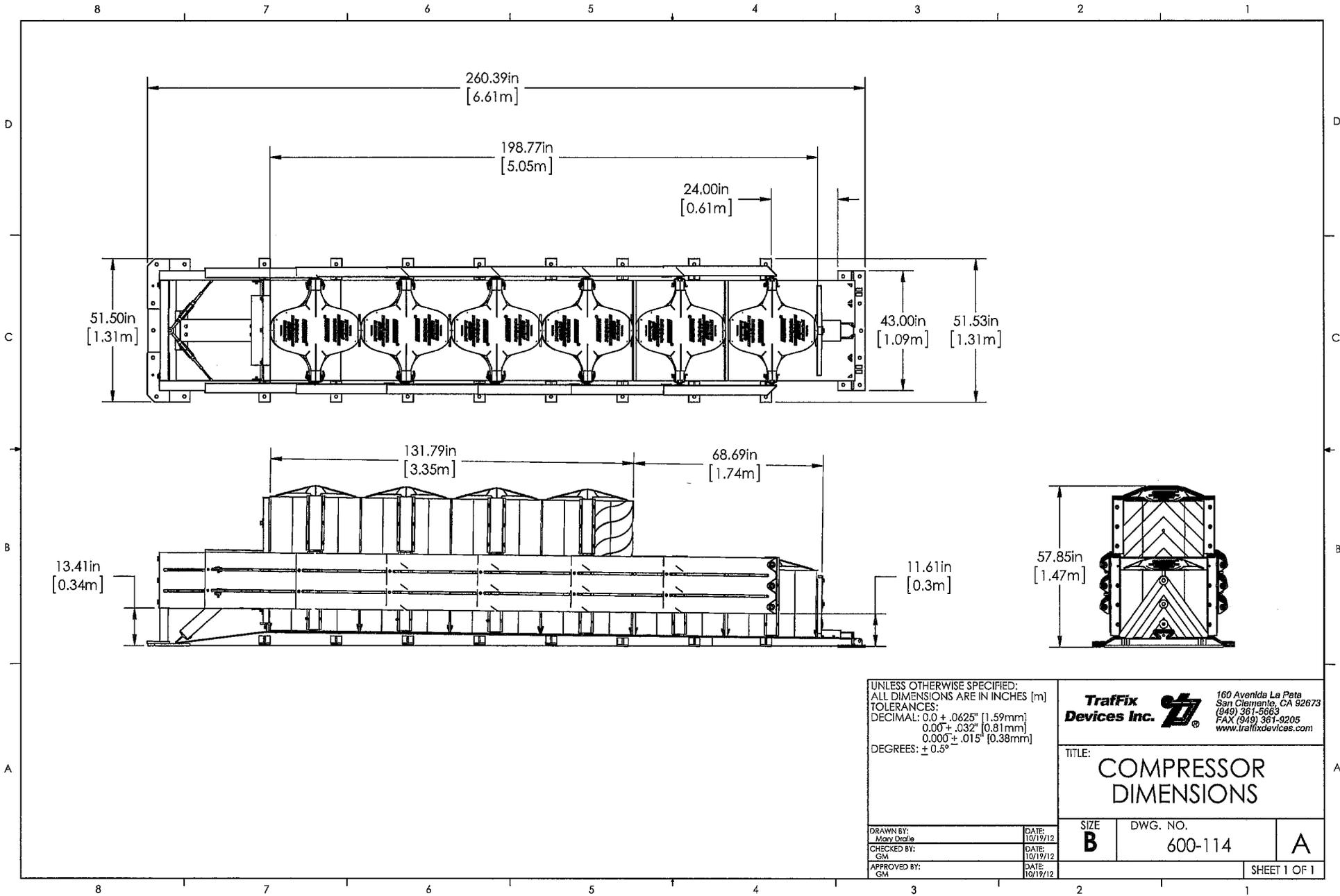
REACT 350®, TL-3 w/Self-Contained Backup Transition, Multi-Directional

PARTS LIST

- 01 - Front Sled
- 02 - Cable Assembly
- 05 - Sled Panel
- 07 - Terminal Brace
- 09 - Anchor Bolts
- 12 - Side Panels
- 14 - Mobile Sheave Assembly
- 17 - Cable Adjuster Bolt
- 18-23 - Mobile Frames 1-6
- 26 - Cylinder
- 27 - Rear Panel
- 06, 08, 29 - Side Keepers

APPENDIX D - SMART CUSHION®, TEST LEVEL 3

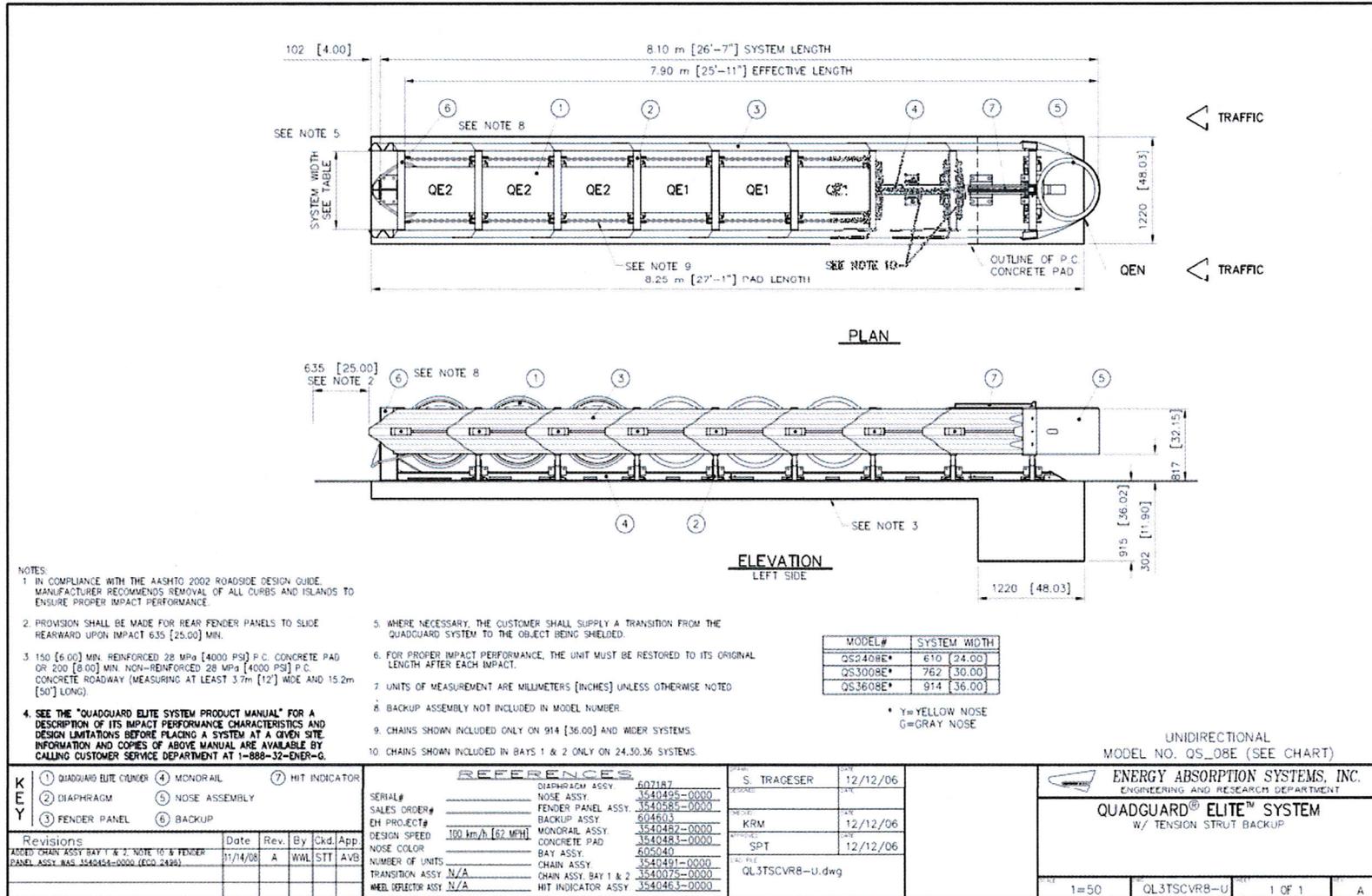




UNLESS OTHERWISE SPECIFIED:
 ALL DIMENSIONS ARE IN INCHES [m]
 TOLERANCES:
 DECIMAL: 0.0 + .0625" [1.59mm]
 0.00 + .032" [0.81mm]
 0.000 ± .015" [0.38mm]
 DEGREES: ± 0.5°

TrafFix Devices Inc. 		160 Avenida La Pata San Clemente, CA 92673 (949) 361-5663 FAX (949) 361-9205 www.traffixdevices.com	
TITLE: COMPRESSOR DIMENSIONS			
DRAWN BY: Mary Drettle	DATE: 10/19/12	SIZE B	DWG. NO. 600-114
CHECKED BY: GM	DATE: 10/19/12	A	
APPROVED BY: GM	DATE: 10/19/12	SHEET 1 OF 1	

DWG QL3TSCVR8-U



QuadGuard® Elite System w/ Tension Strut Backup 100 km/h [62mph]