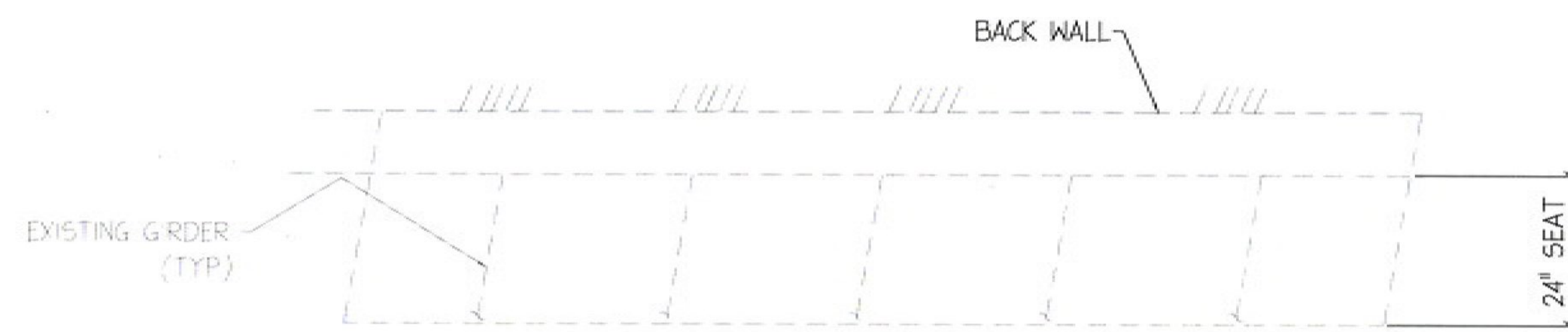
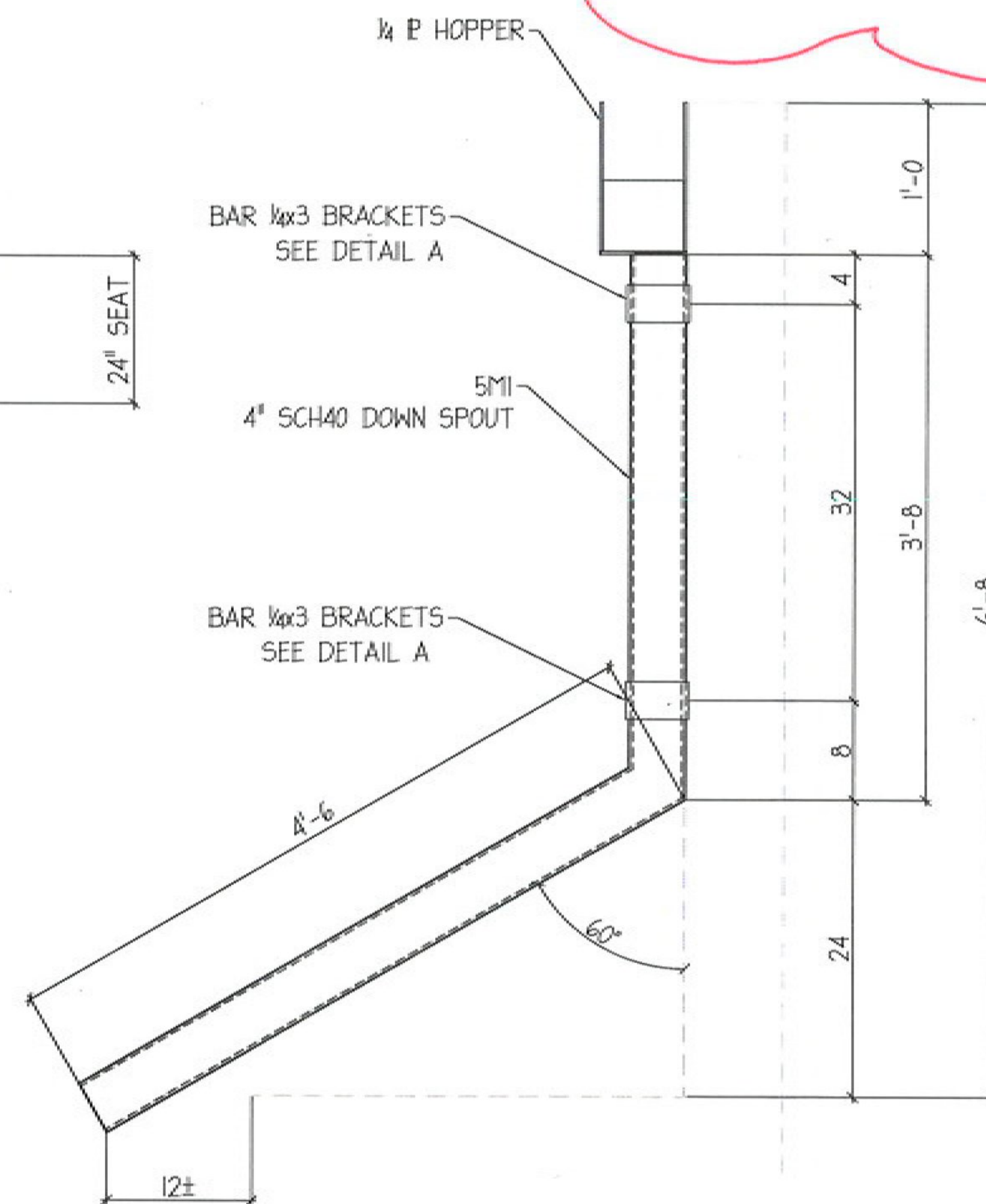


4IN NORTH BOUND BRIDGE  
PLAN VIEW DOWN SPOUTS



PER FIELD VERIFICATION BY MONOKO, LLC  
THERE ARE NO EXISTING DOWNSPOUTS ON  
SOUTH BOUND BRIDGE 4IS, IF DOWNSPOUTS  
ARE NEEDED PLEASE CONFIRM

4IS SOUTH BOUND BRIDGE  
PLAN VIEW DOWN SPOUTS



4IN NORTH BOUND BRIDGE  
DOWN SPOUT DETAIL

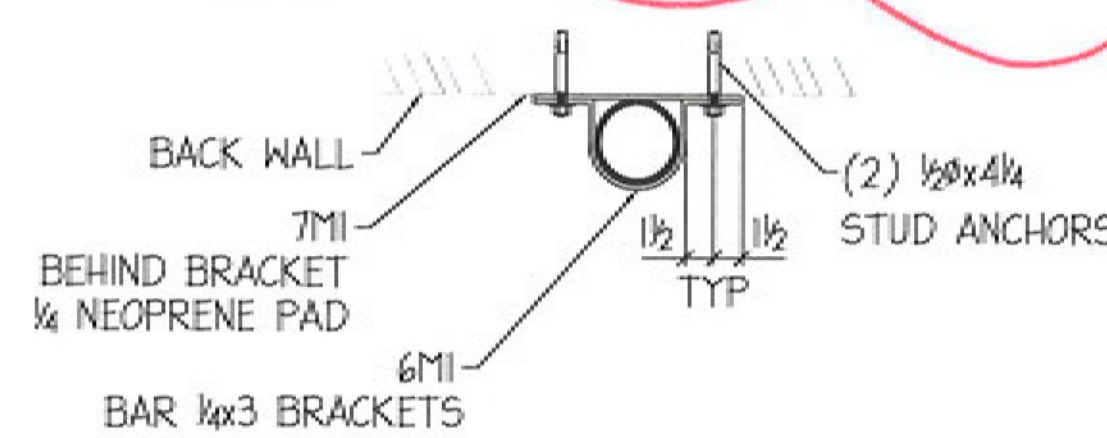
(2) LOCATIONS

PLEASE CONFIRM IF NEW DOWNSPOUTS  
ARE NEEDED AT 4IS SOUTH BOUND  
BRIDGE

ALL MATERIAL HOT DIP  
GALV. PER A.S.T.M. A123

- Notes:
- 1.) No welding shall be done to existing girders.
  - 2.) Structural steel tubing shall conform to ASTM-A500 or ASTM-A501 and shall be galvanized in accordance with ASTM A-123 after fabrication. All plates, bars and angles shall conform to ASTM A-36 and shall also be galvanized in accordance with ASTM-123 after fabrication.
  - 3.) All welding shall conform with the provisions of subsection 506.10.
  - 4.) Hollow structural steel tubing shall conform to ASTM A-500 GRADE C.
  - 5.) Steel plates and angles shall conform to AASHTO M270, GRADE 50 (ASTM A709, GRADE 50).
  - 6.) High strength bolts, nuts and circular washers shall conform to subsection 714.05 of the 2011 standard specifications.

7.) STUD ANCHORS TO BE WES-IT WEDGE ANCHORS,  
ZINC-PLATED CARBON STEEL INSTALLED IAW  
MANUFACTURER'S WRITTEN INSTRUCTIONS.



DETAIL A  
N.T.S.

Vermont Agency of Transportation  
**RECEIVED**  
CK'D BY Mark SargentS OK'D BY Mark Sargent  
April 17, 2017  
RESUBMIT No Approved AsNoted  
BY Mark Sargent DATE 06/14/2017

SUBMITTAL REVIEW	
Review is only for general conformity to the contract drawings and specifications and shall not relieve the contractor of his entire responsibility under the contract, including among other things, dimensions to be confirmed and correlated at the job site, and information that pertains to the fabrication processes or to techniques of construction.	
<input type="checkbox"/>	NO EXCEPTIONS TAKEN
<input checked="" type="checkbox"/>	MAKE CORRECTIONS NOTED RESUBMITTAL NOT REQUIRED
<input type="checkbox"/>	AMEND AND RESUBMIT
<input type="checkbox"/>	REJECTED - SEE REMARKS
PARSONS BRINCKERHOFF, INC.	
BY:	<i>Stephen Z. Bayington</i>
DATE:	<i>5/17/17</i>

NO.	DATE	REVISION
△	4/19/17	Per App'l
△	3/3/17	Per Check'g

**RELIANCE STEEL**  
94 SOUTH OAK CIRCLE, COLCHESTER, VT 05446  
TEL 802-655-4810 FAX 802-655-9352  
www.reliancesteelvt.com

CUSTOMER Monoko  
PROJECT Bridge Downspouts & Components  
DETAIL Down Spouts

DRAWN/CHECKED	DATE	JOB NO.	DWG NO.	REV
RCL	FEB 2017	7324	E3	△

PROJECT LOCATION: WINDSOR-HARTFORD, VT IM BPNT (13)  
BRIDGE 4IN NORTH & 4IS SOUTH