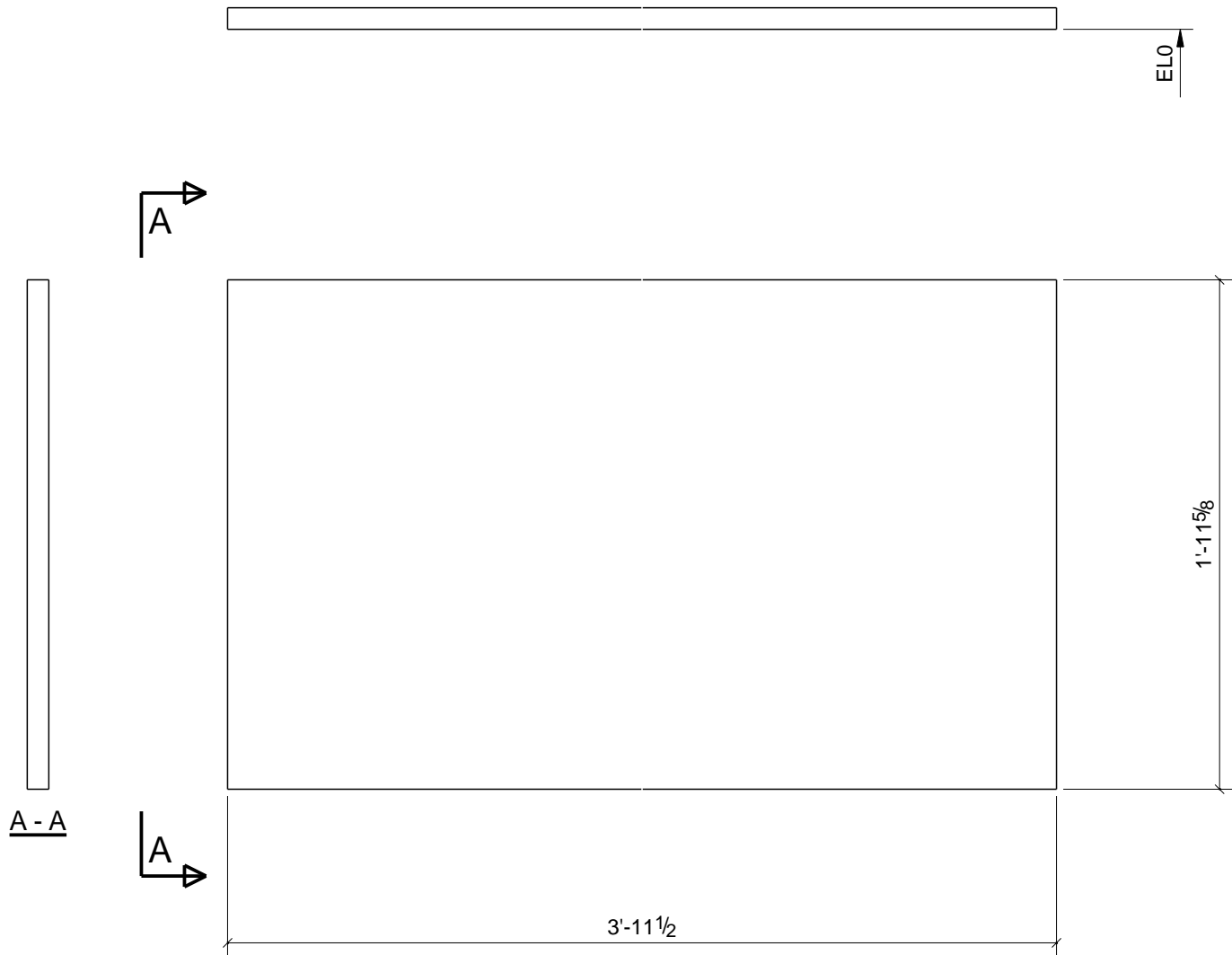


Tekla Structures




5 - GRATING S - M29

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
M29	5	GRATING S			SQ-2
M29	5	15W4-1x3/16x23*5/8 BOI		1591	GALVANIZED A36
		TOTAL WEIGHT THIS DRAWING		1591	



Engineering/Customer note:  
The details of the structural steel drawing by David Bear Inc. are developed from the engineering, architectural or owner's design drawings and/or specifications provided to David Bear Inc. It is the professional responsibility of the approving engineer, architect or owner to verify that the sections as detailed are properly identified and that all connections developed on our detail drawings comply with the intent of the engineer's, architect's or owner's designs.

0	For Fabrication		06/22/2017
A	For Approval		05/11/2017
REV	DESCRIPTION		DATE
ALL WIDE FLANGE- ASTM A992 GRADE 50		ALL TUBING- ASTM A500 GRADE B	
ALL PLT, ANGLES, WT & CHANNELS - ASTM A36		ALL PIPE- ASTM A53 GRADE B	
ELECTRODES TO BE: E70XX		HOLE SIZE: AS NOTED	
SURFACE PREP: SSPC- SP2 OR 3			
SURFACE FINSH: GALVANIZED			
INSTALL BEAMS WITH MARK END AS INDICATED ON ERECTION PLAN			
SHOP MARK BEAMS ON LEFT END			
NOTE TO ERECTOR: Back charges for fabrication errors which cannot be corrected by minor reaming, chipping, welding or cutting as stated in [part 5-239, section 7.12 of the ninth edition AISC manual must be pre-approved by David Bear Inc.			
		DAVID BEAR INC. 4424 114th Street, Urbandale, IA 50322 FAX: 515- 262- 7958	
JOB NAME: DISCOUNT TIRE			
JOB ADDRESS: SE 14TH ST., DES MOI			
CUSTOMER: KOESTER CONSTRUCTION			
ARCHITECT: ARCHITECTURAL RESOUR			
DRAWN BY: MDR		Date: 05/10/2017	CHECKER: MJV
		Date: 05/11/2017	
CONTRACT NO.: 3907 17- JL1479		DRAWING NO.: M29	REV.: 0