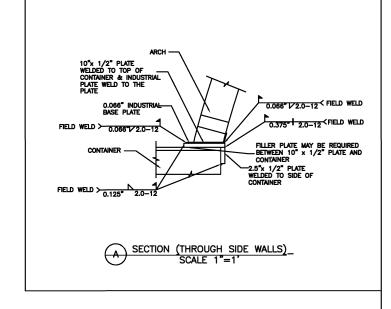


ARCH PROFILE



- CONTAINER WALLS 16 GAUGE CORRUGATE CORTEN STEEL (1 3/8" CORRUGATION ON 11" 0/C) CORNER CASTINGS 9 GAUGE FORMED CORTEN STEEL ROOF 16 GAUGE CORRUGATE CORTEN STEEL (3/4" CORRUGATION ON 8 1/4" 0/C)
- CONTAINER WEIGHT 4800 LBS. ADDITIONAL 1000 LBS MINIMUM DEAD LOAD WEIGHT TO BE ADDED TO EACH CONTAINER OR A SUITABLE ANCHORING SYSTEM TO BE DESIGNED AND INSTALLED BY OTHERS.

PIONEER STEEL **GENERAL NOTES** This drawing is the property of PIONEER. It is loaned subject to return on demand. It is not to be reproduced, copied, or otherwise disposed of, nor to be used for any purpose except as C. ZONG MANUFACTURERS *ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST REVISION OF THE NATIONAL BUILDING CODE OF CANADA 2015 THE ONTARIO BUILDING CODE 2012 AND THE CSA-\$138-16. *THIS BUILDING IS TO BE MOUNTED TO TWO CONTAINERS. *SPECIFIC NOTES AND DETAILS SHOWN ON THIS DRAWING SHALL TAKE PRECEDENCE OVER THE BUILDING ERECTION MANUAL SUPPLIED. *STRUCTURAL DESIGN OF THE BUILDING IS BASED ON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS. FAILURE TO MAKE ADEQUATE PROVISION FOR EXCESSIVE STRESSES OR INSTABILITY OCCURING FROM WHATEVER CAUSE DURING CONSTRUCTION SHALL BE THE SOLE RISK AND RESPONSIBILITY OF THE ERECTOR. *ALL DIMENSIONS (OTHER THAN PURELY STRUCTURAL DIMENSIONS) SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE ERECTOR BEFORE PROCEDING WITH THE WORK. *IT IS THE OWNER'S RESPONSIBILITY TO ASCERTAIN THAT THE LOADS AND FACTORS SPECIFIED UNDER "DESIGN NOTES" ARE ADEQUATE FOR THE INTENDED LOCATION AND OCCUPANCY OF THIS BUILDING, AND THAT NO LOADS OTHER THAN THOSE SHALL BE IMPOSE ON THE STRUCTURE. STEEL: GALVALLMIESHEET STEEL, STRUCTURAL QUALITY, ASTM A792 ARCH PANELS GRADE 50, 50 KSI. MIN. YIELD, 65 KSI. MIN. TENSILE. MIN. THKS. WITH COATING 0.030"/AVG. THKS. WITH COATING 0.032" THE STRUCTURE DESIGN IS BASE ON THE NBCC 2015 AND THE ONTARIO BUILDING CODE 2012: HECKED B THE STRUCTURE DESIGN IS BASE ON THE NBI S: ROOF SNOW LOAD SERO): GROUND SNOW LOAD SERO): GROUND SNOW LOAD CD: BASIC SNOW LOAD FACTOR CW: WIND EXPOSURE FACTOR CS: SLOPE FACTOR AS IN 4.16.2(5), (6), (7) CS: SLOPE FACTOR AS IN 4.16.2(5), (6), (7) Q: HOURLY WIND PRESSURE 1/50 MIPORTANCE FACTOR SEISMIC DATA SEISMIC DATA SEISMIC DATA DATE = 2.18 kPa. = 2.9 kPa. = 2.4 kPa. = 0.4 kPa. = 0.8 = 1.0 (LOAD CASE II - UNEXPOSED LOCATION R.N.A. SAWYER Mississauga, Ontario PIONEER Canada L4W 3 PPROVED BY Canada L4W 3P1 R.N.A. SAWYER COPYRIGHT (C) PIONEER NGINEER'S SEAL JILDING MODEL = 0.39 kPa ARCH 19'-09' = 0.8 (LOW IMPORTANCE - AS IN 4.1.2.1) = 0.061 = 0.018 D (STIFF SOIL) = 1.3 = 1.4 = 0.8 (LOW IMPORTANCE - AS IN 4.1.2.1) SEISMIC DATA SA (0.2): SA (1.0): SOIL SITE CLASS: FA: FV: IE: IMPORTANCE FACTOR FOR EARTHQUAKE RDER NO. PROFILE SCALE 3 4 "= 1 1/4"=1'-0" NOTE: ACCORDING TO NBCC, A MINIMUM DISTANCE OF AT LEAST 5 m SHOULD BE MAINTAINED FROM ANOTHER EXISTING OR FUTURE BUILDING OR FROM THE PROPERTY LINE TO JUSTIFY DISREGARD DRIFT LOADS. GENERAL ARRANGEMENT 1/1