



- FOUNDATION NOTES:**
- THE FOUNDATION SHOWN IS A RECOMMENDED MINIMUM FOUNDATION BY SOUTHWESTERN SCALE CO. INC. YOUR LOCAL WEIGHTS AND MEASURES SPECIFICATIONS AND REQUIREMENTS MAY DIFFER FROM WHAT IS SHOWN. IT IS THE SOLE RESPONSIBILITY OF THE FOUNDATION CONTRACTOR AND/OR CUSTOMER TO DEFINE THOSE REQUIREMENTS PRIOR TO FOUNDATION CONSTRUCTION. SOUTHWESTERN SCALE CO. INC. IS NOT LIABLE FOR COMPLIANCE TO ANY PARTICULAR STATE, COUNTY, OR LOCAL MUNICIPALITY SPECIFICATION'S.
 - THE FOUNDATION REBAR DETAILS SHOWN ARE SUGGESTED TYPICAL CONFIGURATIONS. ACTUAL REBAR CONFIGURATIONS WILL VARY DEPENDING ON THE FOUNDATION CONTRACTORS TYPICAL PRACTICES BECAUSE OF THIS NO "STANDARD" REBAR SCHEDULE IS PROVIDED. CONSULT YOUR LOCAL WEIGHTS & MEASURES SPECIFICATION AND/ OR CIVIL ENGINEERING FIRM FOR PARTICULAR QUESTIONS REGARDING REBAR IN YOUR PLAN.
 - DIG HOLES FOR PIER-ONLY FOUNDATION TO A LEVEL BELOW LOCAL FROST LINE CODES.
 - FOUNDATION DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 3500 LB/FT².
 - FOUNDATION TO BE INSTALLED AS TO INSURE PROPER DRAINAGE AWAY FROM SCALE.
 - REINFORCING STEEL TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. #4 (1/2" DIA.) REBAR IS STANDARD.
 - CONCRETE OF 3500 PSI COMPRESSIVE STRENGTH REQUIRED.
 - END CHANNEL - USED AS FORM, DETAIL "A" FURNISHED BY SOUTHWESTERN SCALE CO. INC.
 - PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN ± 1/8"
 - SIDE OF SCALE, ADJACENT TO PIERS, MUST BE ACCESSIBLE FOR MAINTENANCE.
 - PROVIDE 1" CONDUIT FROM CENTER / SIDE OF SCALE TO INDICATOR LOCATION
 - SITE ENGINEER MUST VERIFY LOCAL CONDITION AND SEAL, IF REQUIRED.
 - RAMP MUST HAVE A SLOPE 1:12 (8% GRADE)
 - APPROXIMATE CONCRETE REQUIREMENTS:
 - APPROACHES: 11.00 CUBIC YARDS
 - END PIERS: 11.00 CUBIC YARDS
 - CENTER PIER: 5.00 CUBIC YARDS
 - RAMPS: 14.00 CUBIC YARDS
 - FOUNDATION TOLERANCES
 LENGTH: +3/8", -0"
 HEIGHT: +1/8", -0"

WARNING NOTICE
 Truck scales and other high capacity scales are generally not designed to accommodate pedestrian traffic. Drivers, operators and passengers should remain in vehicle at all times while on scale platform or approaches. Engineered modifications prior to manufacturing, can be added for limited pedestrian traffic. These may include catwalks, walkways, platforms, cutouts and/or stairs. Customer assumes all responsibility for the control of any pedestrian traffic on the scale platform or surrounding areas. Control measures may include, but not limited to, warning signs, barriers, staff and/or other devices to prevent or prohibit pedestrian traffic on scale or approaches.

APPROVAL PLAN

NAME	DATE
JS	

PROPRIETARY AND CONFIDENTIAL

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UNLESS OTHERWISE SPECIFIED: TOLERANCES: MACHINED - FRACTIONAL ± 1/32" FABRICATED - FRACTIONAL ± 1/8" FLATNESS: ± 1/8" SQUARENESS: ± 1/8" ALL WELDS TO BE 1/4" FILLET CONTINUOUS UNLESS OTHERWISE SPECIFIED.

SOUTHWESTERN SCALE COMPANY INC.
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MODEL: 7070
 70 TON CAPACITY
 70' X 11' STEEL DECK

SIZE DWG. NO. REV
D 7070Foundation **C**

ELECTRONIC DWG. FILE: 7070Foundation.rvt
 DRAWING NOT TO SCALE SHEET 1

REV
 D 7070Foundation