



- FOUNDATION NOTES:**
1. THE FOUNDATION SHOWN IS A RECOMMENDED MINIMUM FOUNDATION BY B-TEK SCALES. YOUR LOCAL WEIGHTS AND MEASURES SPECIFICATIONS AND REQUIREMENTS MAY DIFFER FROM THAT SHOWN. IT IS THE SOLE RESPONSIBILITY OF THE FOUNDATION CONTRACTOR AND/OR CUSTOMER TO DEFINE THOSE REQUIREMENTS PRIOR TO FOUNDATION CONSTRUCTION. B-TEK IS NOT LIABLE FOR COMPLIANCE TO ANY PARTICULAR STATE, COUNTY, CITY, OR LOCAL MUNICIPALITY SPECIFICATIONS.
 2. THE FOUNDATION REBAR DETAILS SHOWN ARE SUGGESTED TYPICAL CONFIGURATIONS. ACTUAL REBAR CONFIGURATIONS WILL VARY DEPENDING ON THE FOUNDATION CONTRACTOR'S TYPICAL PRACTICES. BECAUSE OF THIS, NO "STANDARD" REBAR SCHEDULE IS PROVIDED. CONSULT YOUR LOCAL WEIGHTS & MEASURES SPECIFICATIONS AND/OR CIVIL ENGINEERING FIRM FOR PARTICULAR QUESTIONS REGARDING REBAR IN YOUR PLAN.
 3. FOUNDATION DESIGN BASED ON MINIMUM SOIL BEARING CAPACITY OF 3000 LB/FT².
 4. FOUNDATION TO BE INSTALLED TO INSURE PROPER DRAINAGE AWAY FROM SCALE.
 5. REINFORCING STEEL TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. #4 (1/2" DIA.) REBAR IS STANDARD.
 6. CONCRETE OF 4000 PSI COMPRESSIVE STRENGTH REQUIRED.
 7. PIERS MUST BE LEVEL AND IN THE SAME PLANE WITHIN +/- 1/8".
 8. EXCAVATION, FORMS, REINFORCING STEEL, BUMPER CHECKING PLATES AND CONCRETE FURNISHED BY OTHERS.
 9. ANCHOR BOLTS (BY OTHERS) TO BE DRILLED AT TIME OF INSTALLATION. REQUIRE 3/4" DIA. X 7" LONG REDHEAD TYPE ANCHOR BOLTS. MAKE SURE PIER REBAR DOES NOT INTERFERE WITH ANCHOR BOLTS.
 10. CONCRETE DECK SCALES:
ON "FESD-SL" AND "EFTC" SERIES SCALES, DECK SHEETING, REBAR, AND MUDHOOKS ARE SUPPLIED, AND ARE FACTORY INSTALLED BY B-TEK.
ON ALL OTHER SERIES OF SCALES, DECK SHEETING AND REBAR ARE NOT SUPPLIED, UNLESS SPECIFICALLY ORDERED IN ADDITION TO THE SCALE, AND ARE INSTALLED ON-SITE BY OTHERS.
 11. DECK COPING WITH MUDHOOKS IS SUPPLIED AS STANDARD ON CONCRETE DECK PIT SERIES SCALES. TO BE INSTALLED ON-SITE BY OTHERS. SEE DECK DETAIL DRAWING FOR INSTALLATION SPECIFICS.
 12. EXCAVATION:
APPROXIMATE EXCAVATION: 40.00 CUBIC YARDS FOR RAFT SLAB.
DIG HOLE APPROXIMATELY 76" X 17" X 10" DEEP FOR RAFT SLAB.
DIG HOLES FOR PIER-ONLY FOUNDATION TO A LEVEL BELOW LOCAL FROST LINE CODES
SAW CUT ALL CONCRETE OR ASPHALT BEFORE REMOVING
 13. APPROXIMATE CONCRETE REQUIREMENTS:
FLOOR SLAB: 31.00 CUBIC YARDS
END WALLS: 1.25 CUBIC YARDS
APPROACH SLABS: 6.75 CUBIC YARDS
 14. WEIGHT OF LARGEST BRIDGE MODULE: 12,500 LBS.
 15. FOUNDATION TOLERANCES:
WIDTH: +1/4", -0"
LENGTH: +3/8", -0"
HEIGHT: +1/8", -0"

APPROVAL PLAN		NAME	DATE
<input type="checkbox"/>	FOR QUOTING / ESTIMATING ONLY	DRAWN	MATT
<input checked="" type="checkbox"/>	NOT FOR CONSTRUCTION / FABRICATION	CHECKED	
<input type="checkbox"/>	RETURN OF APPROVAL NOT REQUIRED	B-TEK CERTIFIED	
<input type="checkbox"/>	RETURN APPROVAL REQUIRED BEFORE ANY MANUFACTURING BEGINS		

CUSTOMER APPROVAL	DATE	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE AS FOLLOWS:
B-TEK ORDER #: XXXX	03/16/09	MACHINED - FRACTIONAL #1/8" FINISHED - FRACTIONAL #1/16" BLANKS - #1/8" SOAMERIES - #1/8"
DATE: 03/16/09		ALL WELDS TO BE 1/4" FULL PENETRATING UNLESS OTHERWISE SPECIFIED.
CUSTOMER: XXXX		BREAK / ROUND ALL SHARP EDGES AND DE-BURR ALL DRILLED HOLES
CUST. P.O. #: XXXX		

TITLE: Foundation Plan BC-7011-200-FESD-HDSR-D Full Electronic Steel Deck Heavy Duty Side Rail 200,000 Capacity, 80,000 C.L.C.	
SIZE DWG. NO. D 70 x 11 SD Slab	REV
ELECTRONIC DWG. FILE NO. MANUAL REVISIONS	DO NOT SCALE DRAWING
SHEET 1 OF 1	

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70 x 11 SD Slab