



SECTION B - B

5'-3" (OUTSIDE-TO-OUTSIDE OF ANGLE IRON)

5'-2 1/2" (INSIDE-TO-INSIDE OF ANGLE IRON)

4'-11 1/2" (BETWEEN PIT SIDE WALLS)

1 3/4" X 1 3/4" X 1/4" ANGLE IRON W/ ANCHORS
(1 1/2" X 1 1/2" INSIDE) - SEE FOUNDATION NOTE 4 -

1 3/4" X 1 3/4" X 1/4"
ANGLE IRON WITH ANCHORS
(TYP FOR DETAIL VIEW B)
- SEE FOUNDATION NOTE 4 -

BAR GRATING SPECIFICATION	
BAR SIZE (in)	1 - 1/2 x 3/16
TYPE	LIGHT DUTY
MAX WHEEL LOAD (lbs)	1,850
W SERIES	19-W-4
* BASED ON A CONTACT LENGTH OF 9" (IE 11 BARS/FT OF GRATING WIDTH) AND A MAXIMUM CLEAR SPAN OF 2'-4 1/2"	

1. CONTRACTOR SHALL VERIFY THAT THERE ARE NO INTERFERENCES BETWEEN EXISTING FOUNDATION (FTG. PADS, CON. FTGS, GRADE BEAM, TIES, ETC) AND PROPOSED PIT FOUNDATION.
2. DO NOT PLACE BACKFILL AGAINST WALL UNTIL THE WALL HAS BEEN ADEQUATELY SHORED.
3. WALL LOCATIONS TO BE WITHIN 1/4" OF DIMENSIONS SHOWN.
4. ALL ANGLE IRON HAS TO BE SHOWN AS A REFERENCE, SHOULD BE IN THE SCOPE OF THE FOUNDATION DESIGN, AND PROVIDED BY OTHERS. ADJUSTMENTS MUST BE MADE FOR ANGLE THICKNESS THAT VARY FROM 3/4" AS SHOWN IN DETAIL A.
5. THE DESIGN OF THE PIT GRATING AND ITS CAPACITY HAS BEEN PROVIDED IN A TABLE. DO NOT EXCEED THE WHEEL LOAD CAPACITY OF THE GRATING AS PROVIDED BY GFS. WHEELED VEHICLES WITH URETHANE TIRES SHOULD NEVER BE USED.
6. GRATINGS MUST BE INSTALLED WITH CROSS BARS ON TOP SIDE.
7. NOTCHING OF BEARING BARS AT SUPPORTS TO MAINTAIN PROPER ELEVATION IS GENERALLY NOT RECOMMENDED. IF NOTCHING IS REQUIRED FOR INSTALLATION, MANUFACTURER SHOULD BE CONSULTED.
8. METAL SHOULD ALWAYS BE USED FOR ALL GRATING SUPPORTS.
9. A MINIMUM OF 1" BEARING SHALL BE PROVIDED FOR ALUMINUM AND LIGHT DUTY STEEL GRATING. FOR HEAVY DUTY STEEL GRATING, 1" MINIMUM BEARING SHALL BE PROVIDED FOR BEARING BAR DEPTHS UP TO 2-1/4", AND 2" MINIMUM BEARING SHALL BE PROVIDED FOR DEPTHS OF 2-1/2" AND OVER. THIS BEARING SURFACE DOES NOT INCLUDE THE SUPPORT ANGLE FILLET RADIUS.
10. ALL DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE. CUSTOMER MUST CHECK EQUIPMENT SIZE, LOCATION IN BUILDING AND ALL CLEARANCES TO BUILDING AND CONTENTS.
11. DEPTH DIMENSIONS ARE BASED ON HAVING A 6" SLAB OVER THE EXHAUST TUNNEL. IF STRUCTURAL ANALYSIS INDICATES THAT A THICKER SLAB IS REQUIRED, PIT DEPTH SHOULD BE INCREASED ACCORDINGLY AND GFS NOTIFIED SO TALLER PIT RAILS CAN BE PROVIDED.

PAINT BOOTH SPECIFICATIONS

M2

Scale

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