

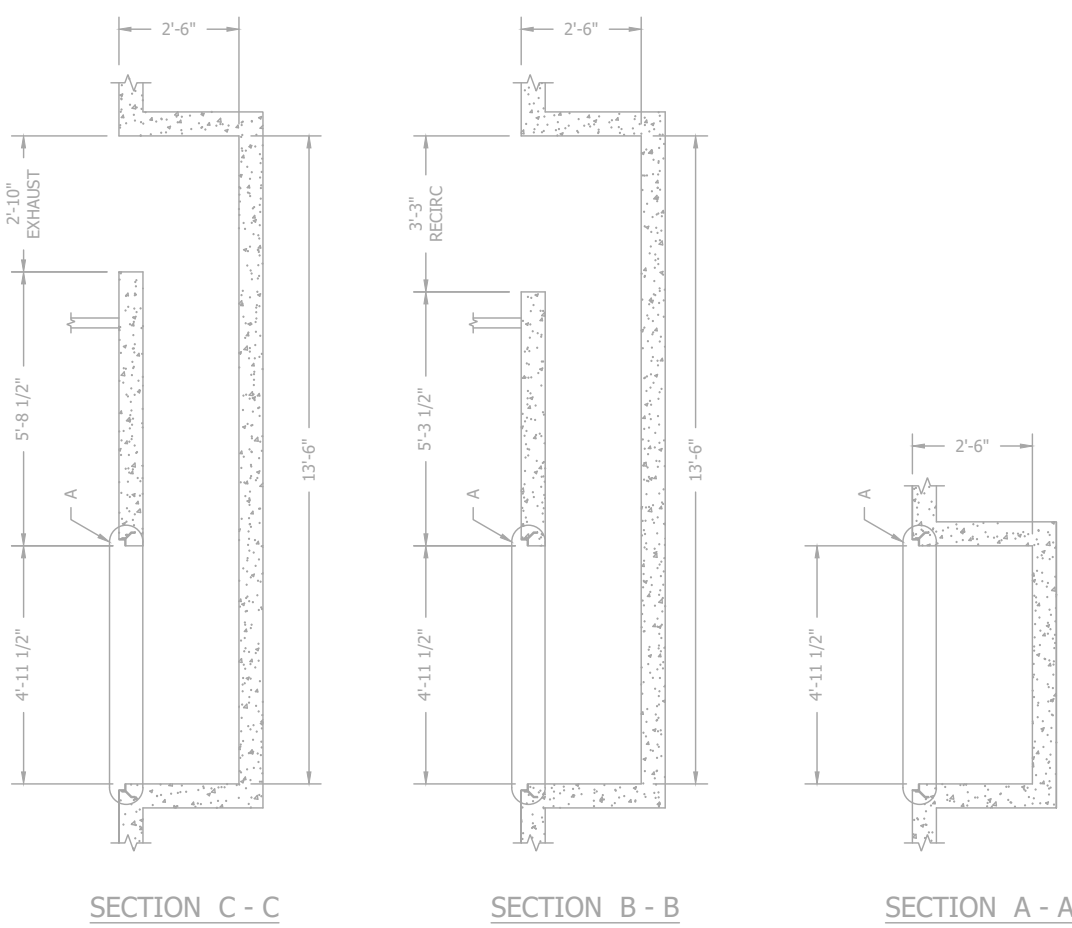
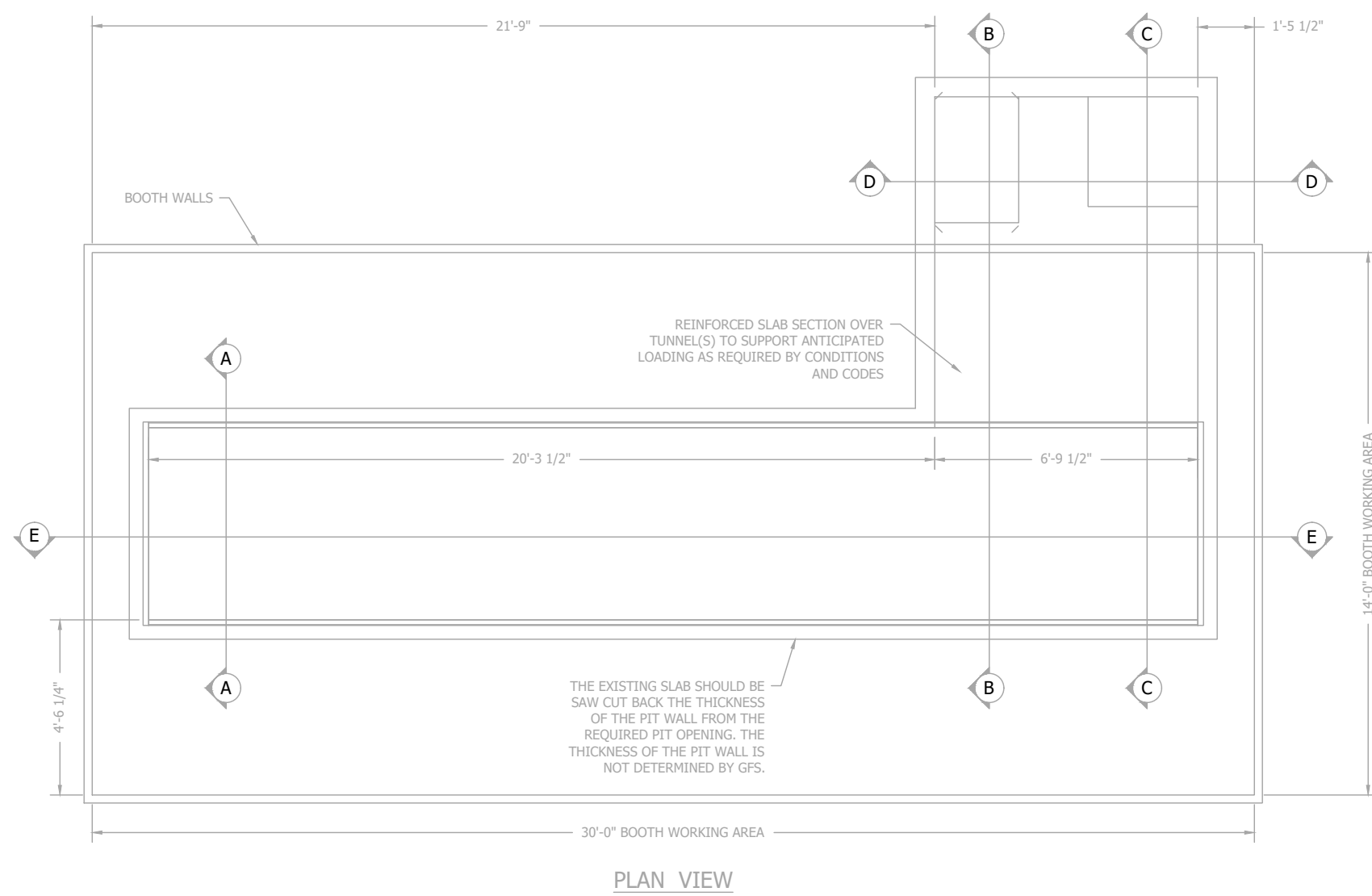


- SCALE: $1/4" = 1'0"$

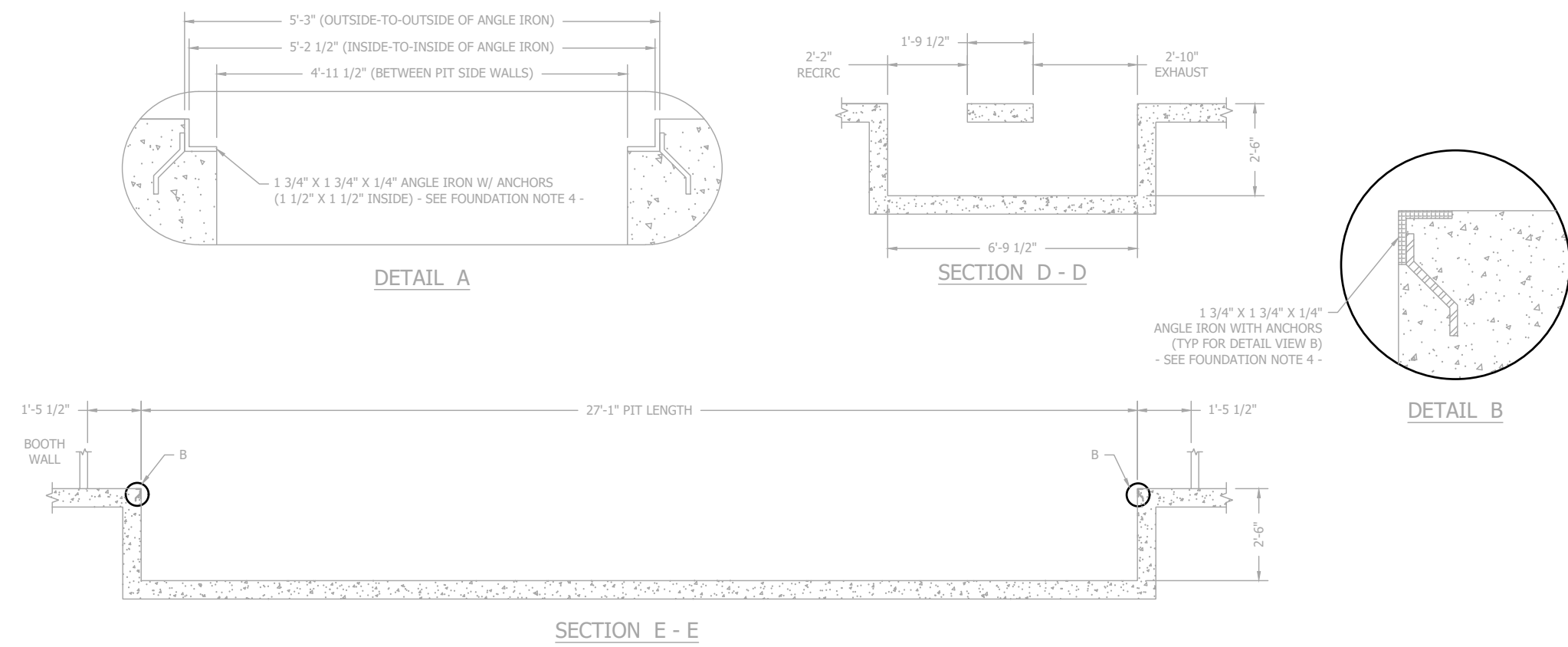
Scale

FIRE PROTECTION MUST COMPLY WITH SECTION 2404.4 OF INTERNATIONAL FIRE CODE. UNDER DEFERRED SUBMITTAL.

Scale



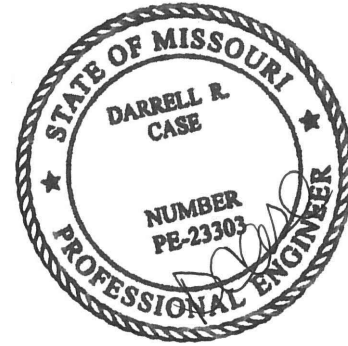
BAR GRATING SPECIFICATION	
BAR SIZE (in)	1 - 1/2 x 3/16
TYPE	LIGHT DUTY
MAX WHEEL LOAD (lbs)	1,850
W SERIES	19-W-4
* BASED ON A CONTACT LENGTH OF 9" (IE 11 BARS/FT OF GRATING WIDTH) AND A MAXIMUM CLEAR SPAN OF 2'-4 1/2"	



- FOUNDATION NOTES**
- CONTRACTOR SHALL VERIFY THAT THERE ARE NO INTERFERENCES BETWEEN EXISTING FOUNDATION (FTG. PADS, CON. FTGS, GRADE BEAM, TIES, ETC) AND PROPOSED PIT FOUNDATION.
 - DO NOT PLACE BACKFILL AGAINST WALL UNTIL THE WALL HAS BEEN ADEQUATELY SHORED.
 - WALL LOCATIONS TO BE WITHIN 1/4" OF DIMENSIONS SHOWN.
 - ALL ANGLE IRON HAS BEEN 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.
 - 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.
 - GRATINGS MUST BE INSTALLED WITH CROSS BARS ON TOP SIDE.
 - NOTCHING OF BEARING BARS AT SUPPORTS TO MAINTAIN PROPER ELEVATION IS GENERALLY NOT RECOMMENDED. IF NOTCHING IS REQUIRED FOR INSTALLATION, MANUFACTURER SHOULD BE CONSULTED.
 - METAL SHOULD ALWAYS BE USED FOR ALL GRATING SUPPORTS.
 - 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.
 - ALL DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE. CUSTOMER MUST CHECK EQUIPMENT SIZE, LOCATION IN BUILDING AND ALL CLEARANCES TO BUILDING AND CONTENTS.
 - 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.

AUTOMOTIVE TECHNOLOGY, INC.

544 MAE COURT
FENTON, MO 63026



04/24/23

CARSTAR OF LEE SUMMIT
PAINT BOOTH
2509 NE INDEPENDENCE
LEE SUMMIT, MO 64064

REVISIONS

No.	Description	Date

PAINT BOOTH SPECIFICATIONS

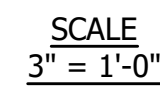
Project #
Issue Date
Drawn by
Checked by

M3

Scale

CASE Engineering Inc.

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St. Louis, MO 63126
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CERTIFICATE OF AUTHORITY NO. 184008011-006

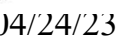


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- Technical drawing of a cross-section of a composite beam. The beam consists of a top flange, a web, and a bottom flange. The top flange is reinforced with longitudinal bars (1) and transverse bars (2). The web is reinforced with diagonal bars (3) and transverse bars (4). The bottom flange is reinforced with longitudinal bars (5) and transverse bars (6). The beam is shown in a perspective view, with dashed lines indicating the internal structure and reinforcement.

- CASE**
Engineering Inc.

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CARSTAR OF LEE SUMMIT
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[illegible]

M4

Scale

PANEL BOTTOM
ELEVATIONS

-
- Technical drawing of a vertical assembly. The drawing shows a vertical shaft with a diameter of $2 \frac{1}{8}"$. A bracket indicates a distance of $3 \frac{3}{16}"$ from the top to the first of five horizontal components. These components are spaced at $1 \pm 2 \frac{1}{2}"$ intervals. Each component has a vertical slot with a width of $3/4"$. A dimension line at the bottom indicates a distance of $3/16"$ from the base to the bottom of the shaft. A callout circle labeled '1' points to the shaft.

-
- 1 15/16"
- 2

Diagram of Section B-B showing a vertical member with a horizontal member at the top. The horizontal member has a 1/8 inch gap. The vertical member has a 7 inch gap at the bottom. The section is labeled SECTION B-B.

-
- Technical drawing of a corner joint. A dimension line indicates a gap of 1/8 inch between the corner of the workpiece and the adjacent surface.

SECTION A-A

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SCALE
3" = 1'-0"

- BOTTOM CHORD ATTACHMENT DETAIL

