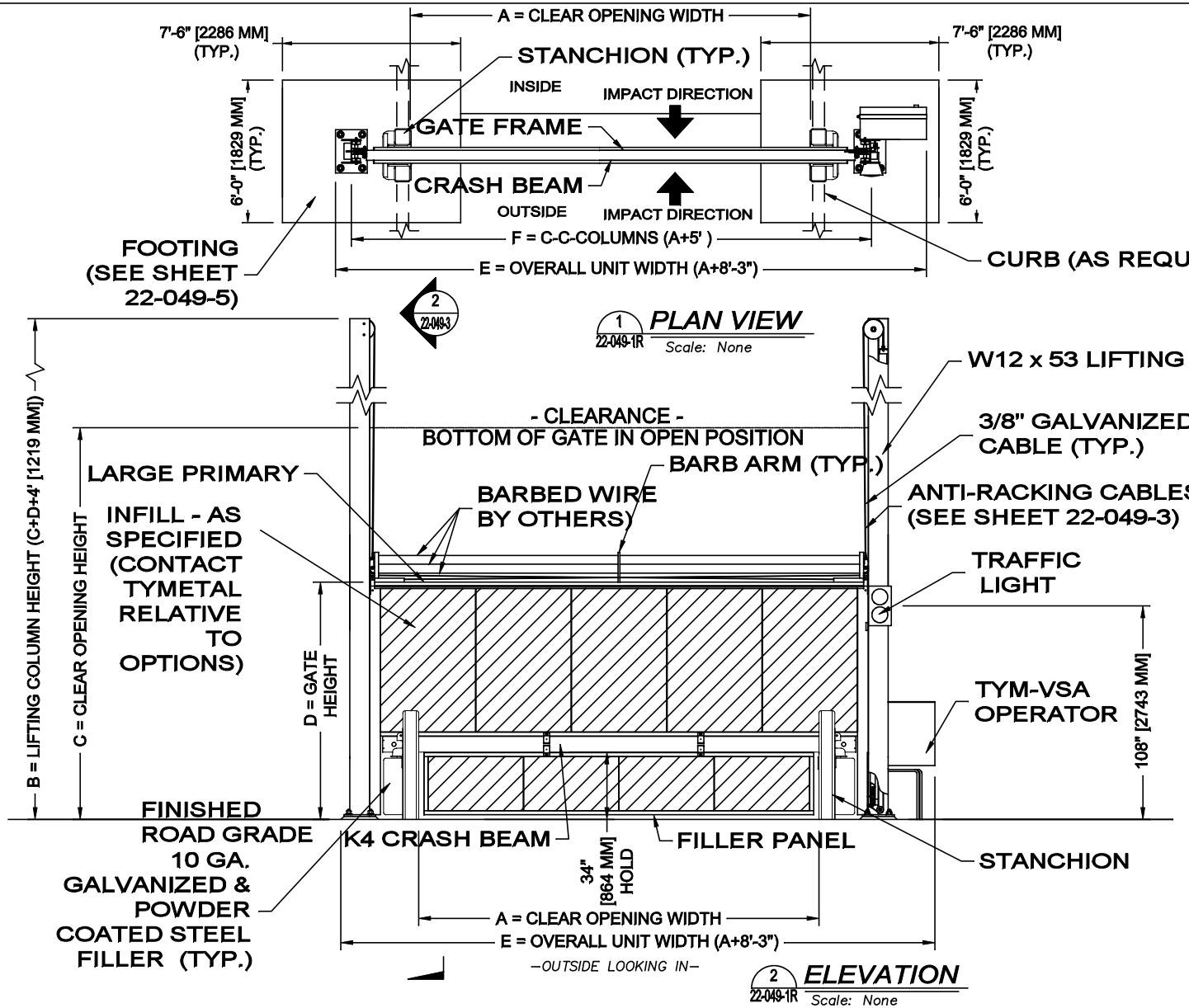


** TYPICAL CLEAR OPENING HEIGHT IS 15'. CONTACT TYMETAL IF HIGHER.
* CLEAR OPENING WIDTHS UP TO 50'. ASTM F2656 M50-P1 TO 26'; ASTM F2656 M50-P2 TO 50' (ENGINEERED CRASH RATING).

CRITICAL DIMENSION CHART

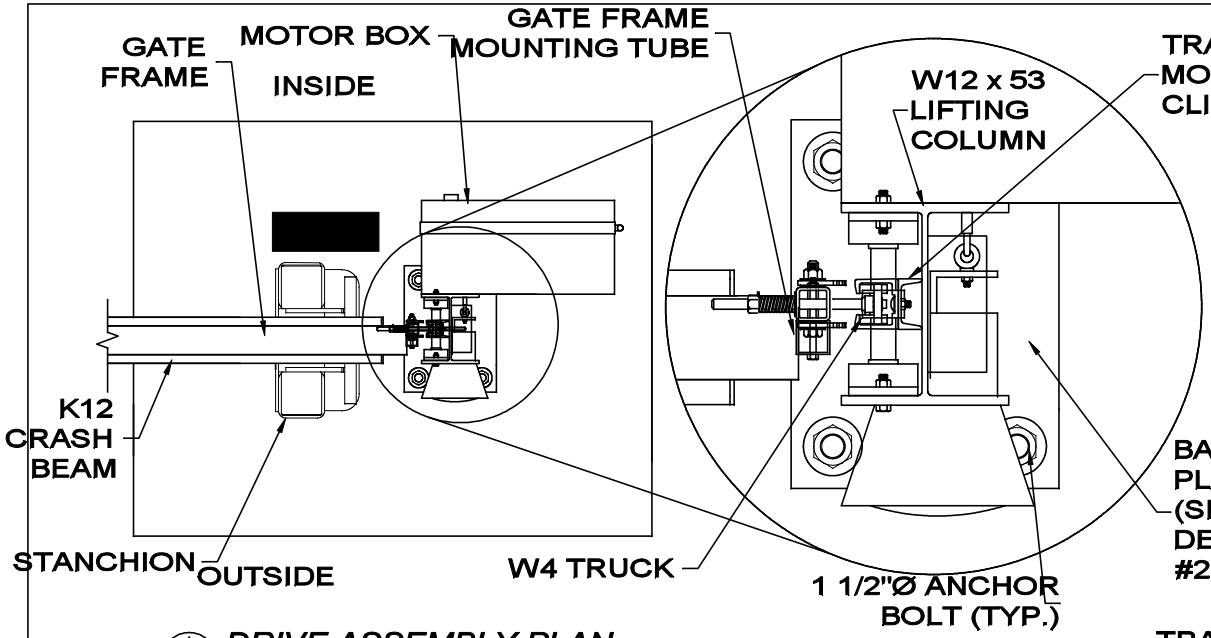
A	CLEAR OPENING WIDTH	A*	D	GATE HEIGHT	D
B	LIFTING COLUMN HEIGHT	C + D + 4'	E	OVERALL UNIT WIDTH	A + 8'-3"
C	CLEAR OPENING HEIGHT	C **	F	C TO C COLUMNS	A + 5'

DIRECTORY\CAD FILE: 22-049-1R.DWG, Sheet: Detail Dimension (R1
SHEET NUMBER: 1 of 5
DRAWING NUMBER: A-22-049-1R

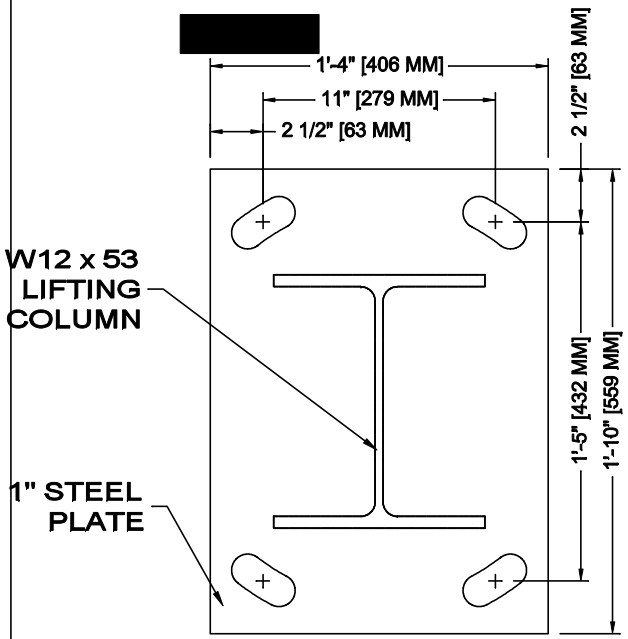
PROJECT:
SUBJECT: Heavy Duty K4 Crash Engineered Vertical Lift Gate
CONTRACTOR:
ARCHITECT/ENGINEER:

DRAWN BY: NDB
DATE: 3/26/24
CHECKED BY: BGG/dk
DATE: 5/4/22
SCALE: As Noted
REVISION LEVEL: R2

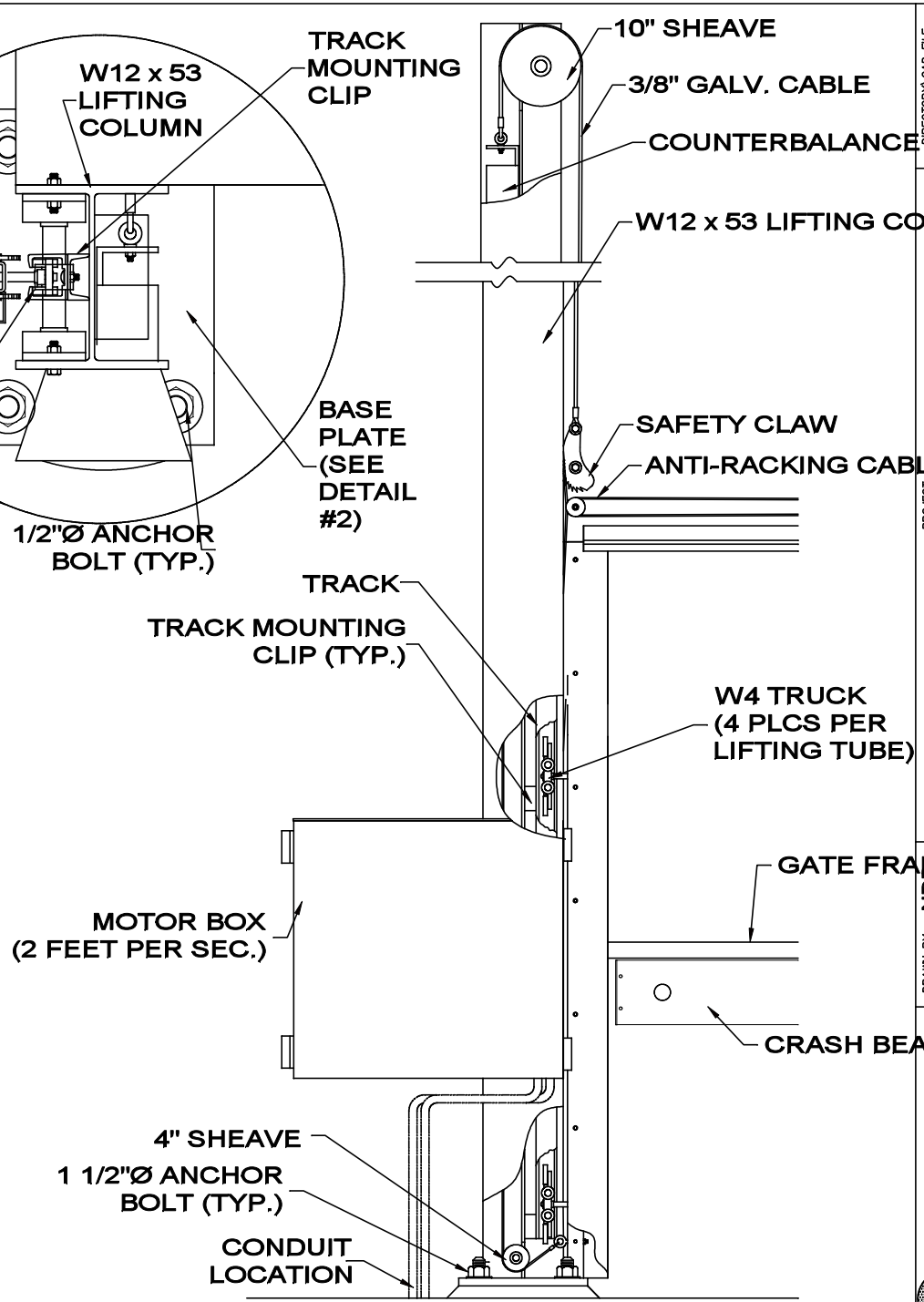
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1 22-049-2 **DRIVE ASSEMBLY PLAN**
Scale: None RH SHOWN – LH OPPOSITE



2 22-049-2 **BASE PLATE DETAIL**
Scale: None
–ANCHOR BOLT TEMPLATE BY TYMETAL–

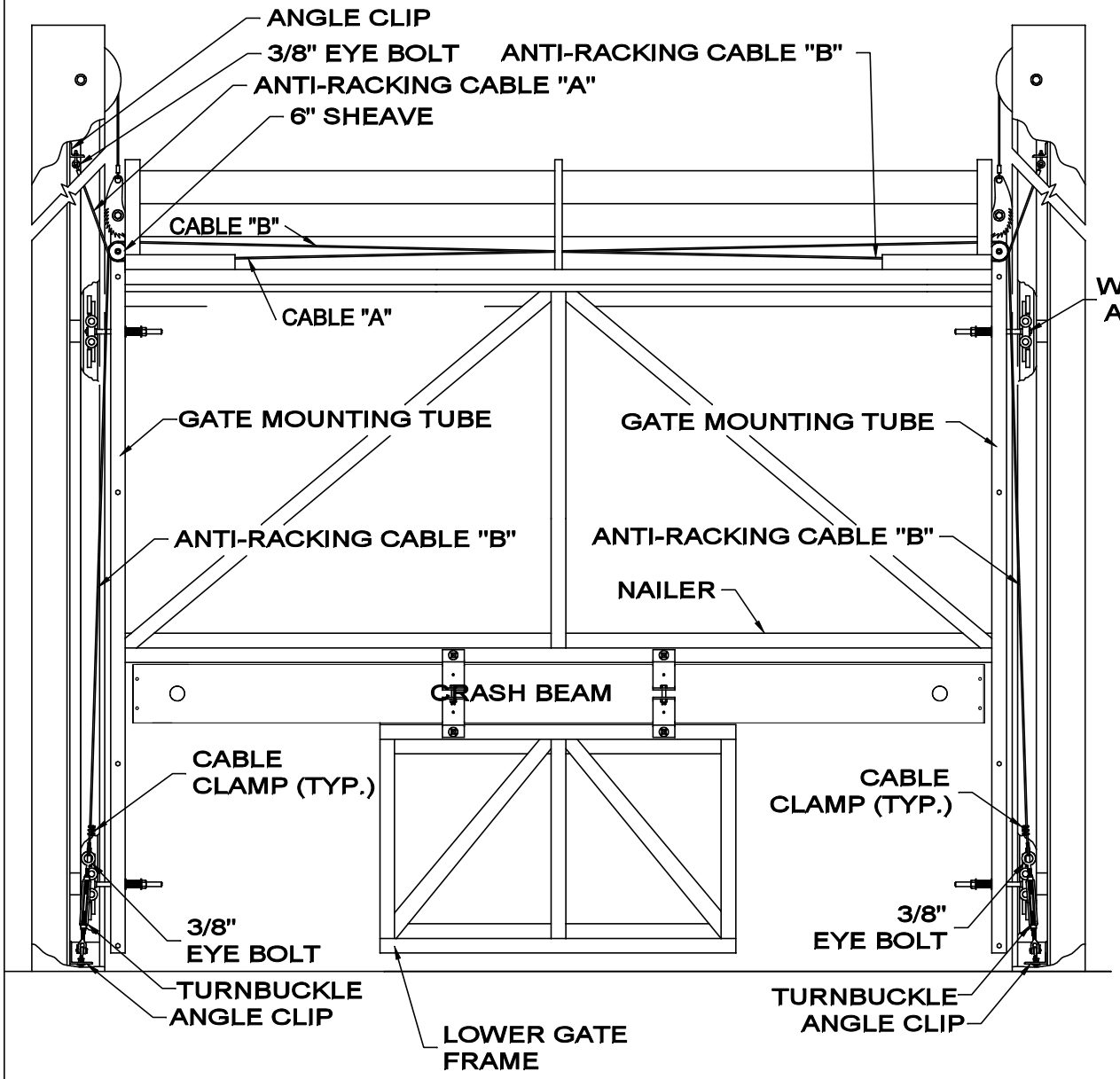


3 22-049-2 **DRIVE ASSEMBLY ELEVATION**
Scale: None RH SHOWN – LH OPPOSITE
Stanchion Not Shown

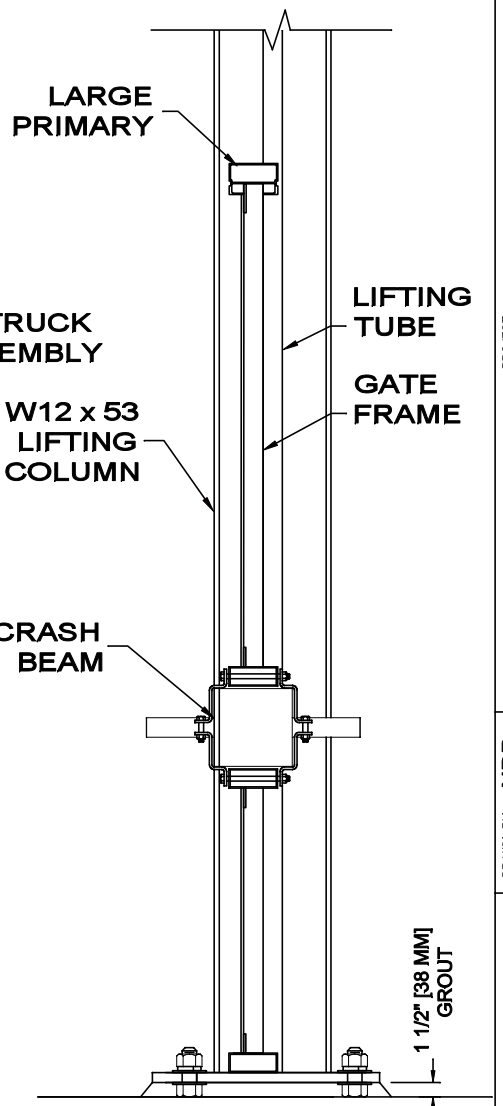
DIRECTORY\CAD FILE: 22400 LA-W1 Steel Detail Dimension.dwg
SHEET NUMBER: 2 of 5
DRAWING NUMBER: A-22-049-2
PROJECT:
SUBJECT: Heavy Duty K4 Crash Engineered Vertical Lift Gate Details
CONTRACTOR:
ARCHITECT/ENGINEER:
DRAWN BY: NDE
DATE: 3/26/22
CHECKED BY: BGG/dk
DATE: 5/4/22
SCALE: As Noted
REVISION LEVEL: R2

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- INFILL NOT SHOWN FOR CLARITY -



1 22-049-3 *ANTI-RACKING MECHANISM*
Scale: None



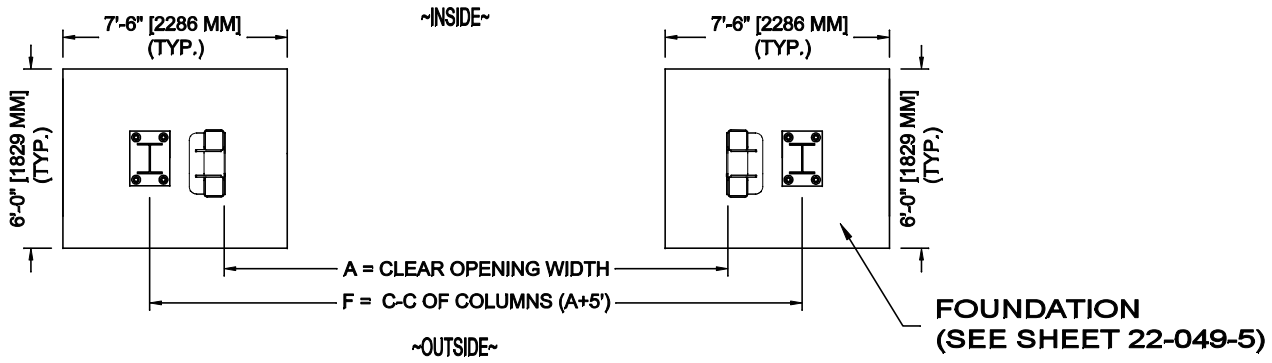
2 22-049-3 *BEAM/FRAME DETAIL*
Scale: None STANCHION NOT SHOWN

DIRECTORY\CAD FILE: 22-049-1\K4\2-Solid Sheet Metal Dimension.DWG
SHEET NUMBER: 3 of 5
DRAWING NUMBER: A-22-049-3

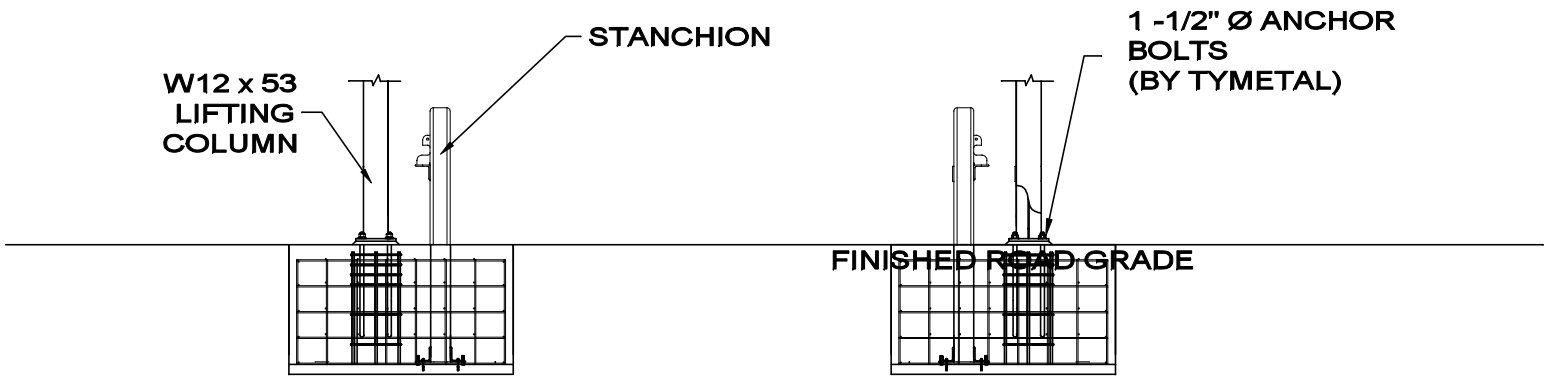
PROJECT:
SUBJECT: Heavy Duty K4 Crash Engineered Vertical Lift Gate Details
CONTRACTOR:
ARCHITECT/ENGINEER:

DRAWN BY: NDB DATE: 3/26/24
CHECKED BY: BGG/dk DATE: 5/4/22
SCALE: As Noted
REVISION LEVEL: R2

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1 22-049-4 **PLAN VIEW**
Scale: None



2 22-049-4 **ELEVATION**
Scale: None

NOTES:
1. FOUNDATIONS SHOWN ARE BASED ON AVERAGE SOIL AND SITE CONDITIONS. FOUNDATIONS MUST BE IN ACCORDANCE WITH ALL LOCAL CODES, AND SHOULD BE REVIEWED BY A LOCAL ENGINEER.

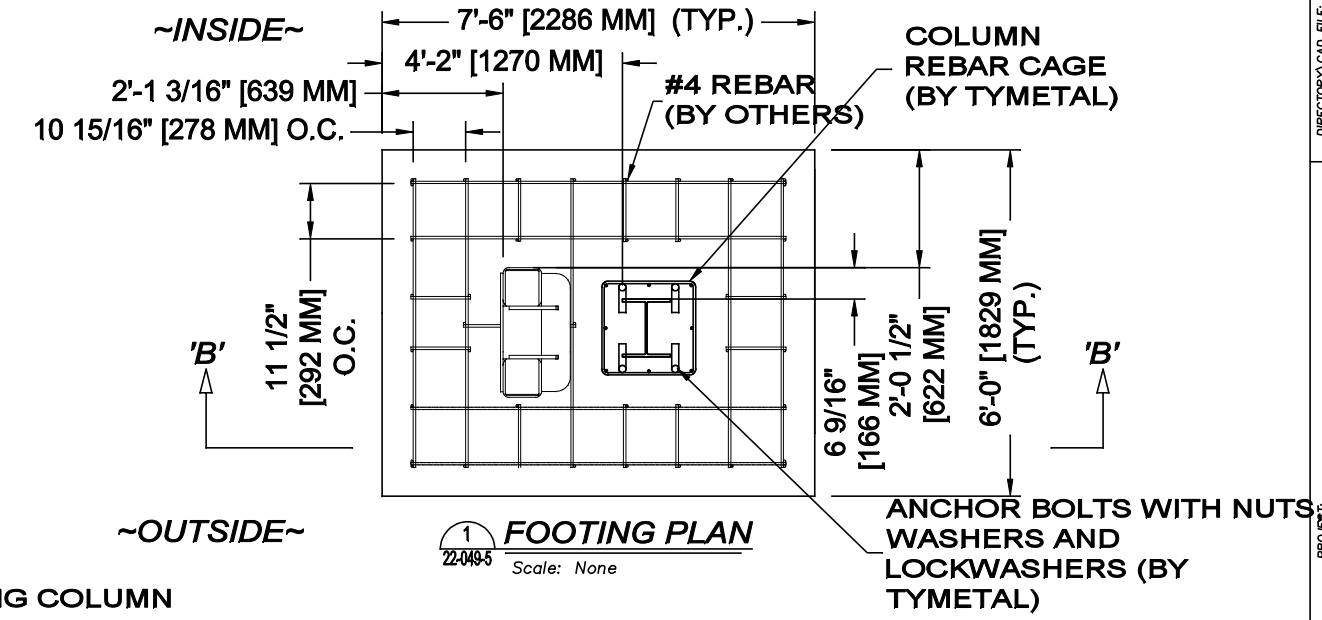
2. TYMETAL RECOMMENDS ALL SITE CONDITIONS AND IN SITU SOILS BE REVIEWED BY A QUALIFIED ENGINEER. MINIMUM SOIL BEARING CAPACITY OF 940 PSF AND BACKFILL COMPACTION TO A DENSITY OF NOT LESS THAN 95% MAXIMUM DRY DENSITY ARE REQUIRED. TYMETAL WILL NOT BE RESPONSIBLE FOR FAILED GATE OPERATIONS CAUSE BY UNSTABLE SOIL CONDITIONS.

DIRECTORY\CAD FILE: 22-049 VLK-K2 Solid Sheet Metal Dimension R1
SHEET NUMBER: 4 of 5
DRAWING NUMBER: A-22-049-4

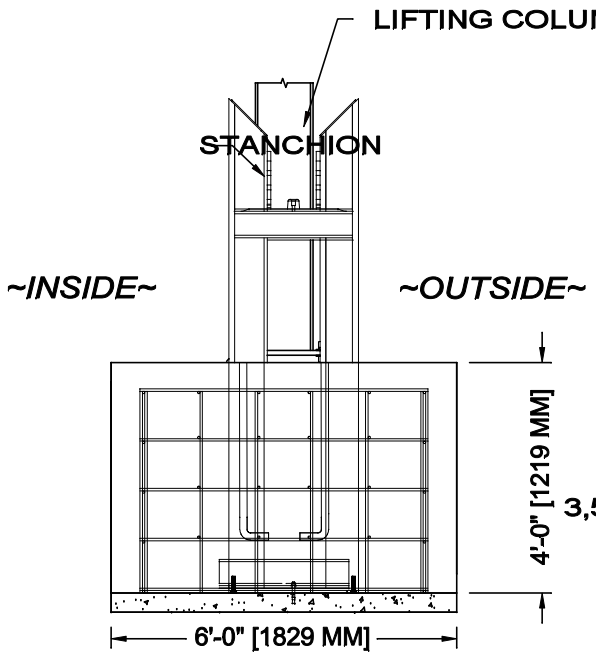
PROJECT:
SUBJECT: Heavy Duty K4 Crash Engineered Vertical Lift Gate Footings
CONTRACTOR:
ARCHITECT/ENGINEER:

DRAWN BY: NDB
DATE: 3/26/24
CHECKED BY: BGG/dk
DATE: 5/4/22
SCALE: As Noted
REVISION LEVEL: R2

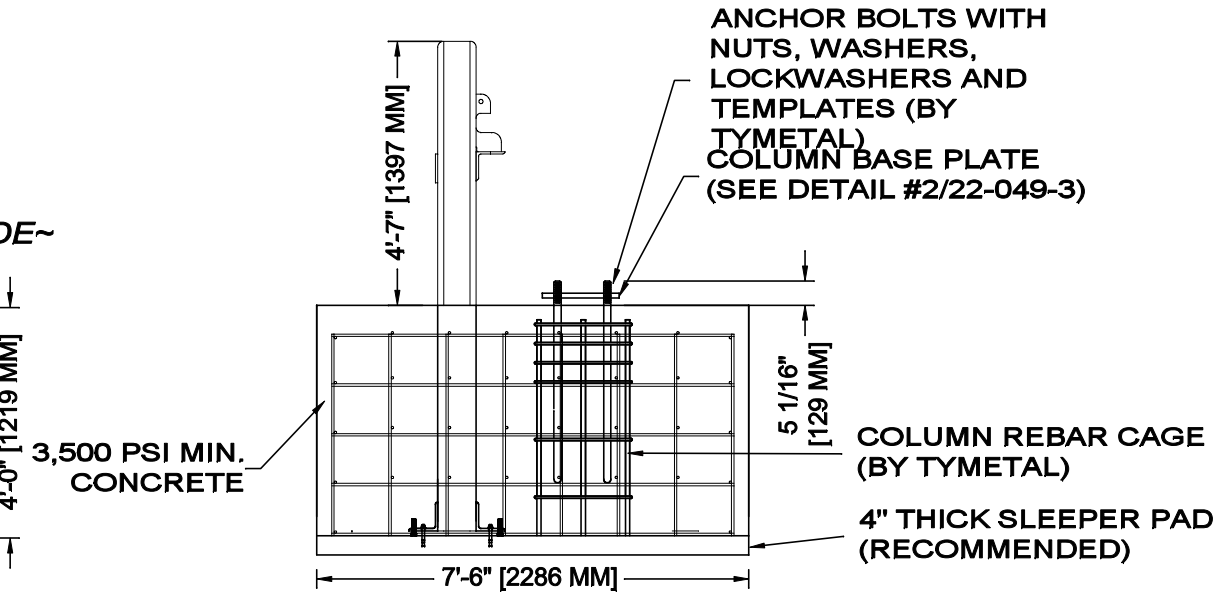
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1 22-049-5 **FOOTING PLAN**
Scale: None



2 22-049-5 **ELEVATION**
Scale: None



3 22-049-5 **FOOTING SECTION - VIEW B-B**
Scale: None

DIRECTORY\CAD FILE: 22-049-5\A-22-049-5 Sheet Metal Dimension.DWG
SHEET NUMBER: 5 of 5
DRAWING NUMBER: A-22-049-5

PROJECT:
SUBJECT: Heavy Duty K4 Crash Engineered Vertical Lift Gate Footings
CONTRACTOR:
ARCHITECT/ENGINEER:

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