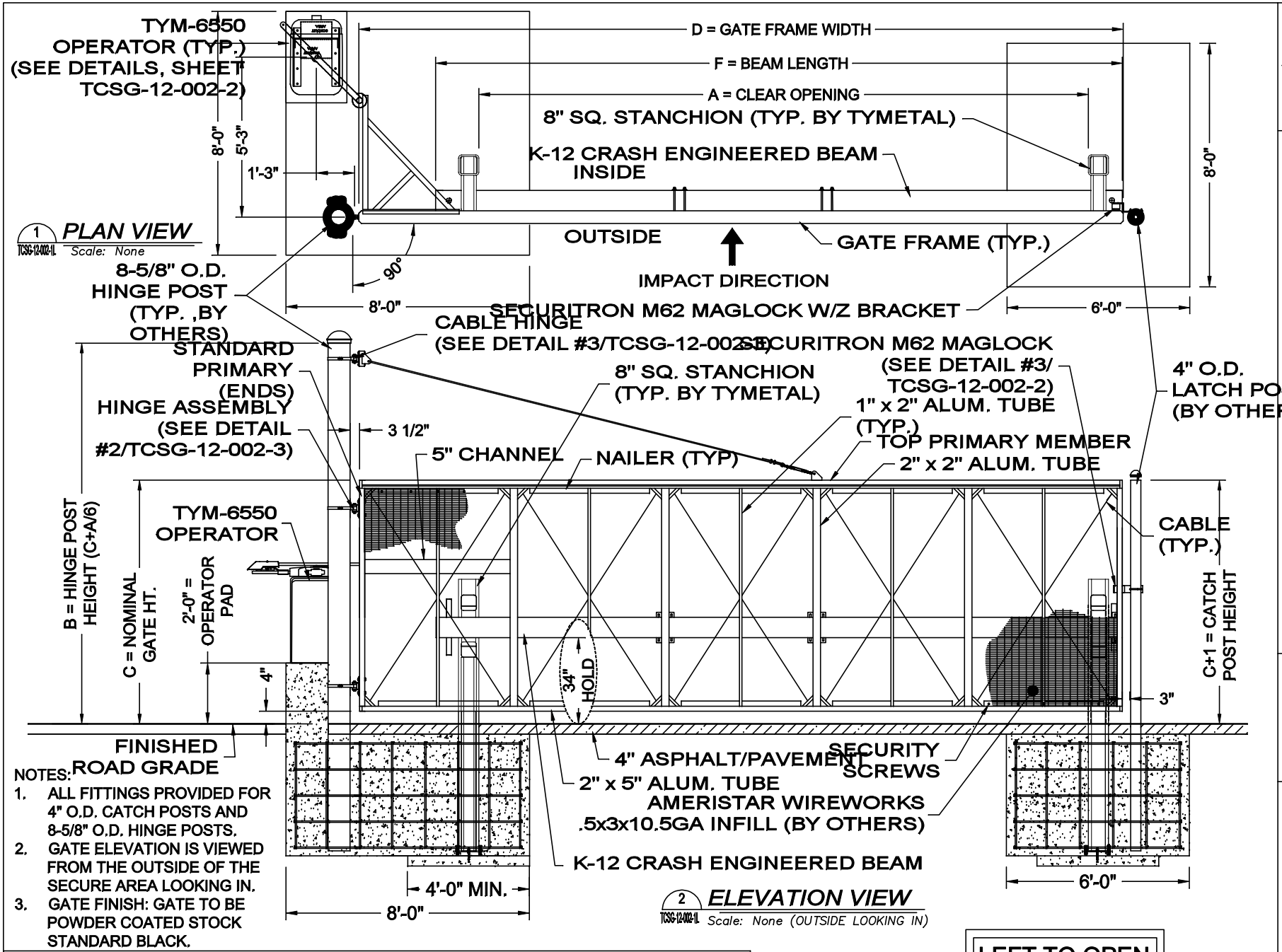


1 PLAN VIEW (TCSG-12-002-1L) Scale: None

2 ELEVATION VIEW (TCSG-12-002-1L) Scale: None (OUTSIDE LOOKING IN)

NOTES:
1. ALL FITTINGS PROVIDED FOR 4" O.D. CATCH POSTS AND 8-5/8" O.D. HINGE POSTS.
2. GATE ELEVATION IS VIEWED FROM THE OUTSIDE OF THE SECURE AREA LOOKING IN.
3. GATE FINISH: GATE TO BE POWDER COATED STOCK STANDARD BLACK.

CRITICAL DIMENSION CHART					
A	CLEAR OPENING	A*	E	FABRIC HEIGHT	
B	HINGE POST HEIGHT	C+(D/6)	F	BEAM LENGTH	(A+2') - 6-1/2"
C	NOMINAL GATE HEIGHT	C*			
D	GATE FRAME WIDTH	A+5'-1"			

A* MAXIMUM CLEAR OPENING IS 20'-0"
C* CONTACT MANUFACTURER REGARDING HEIGHTS GREATER THAN 8'-0".

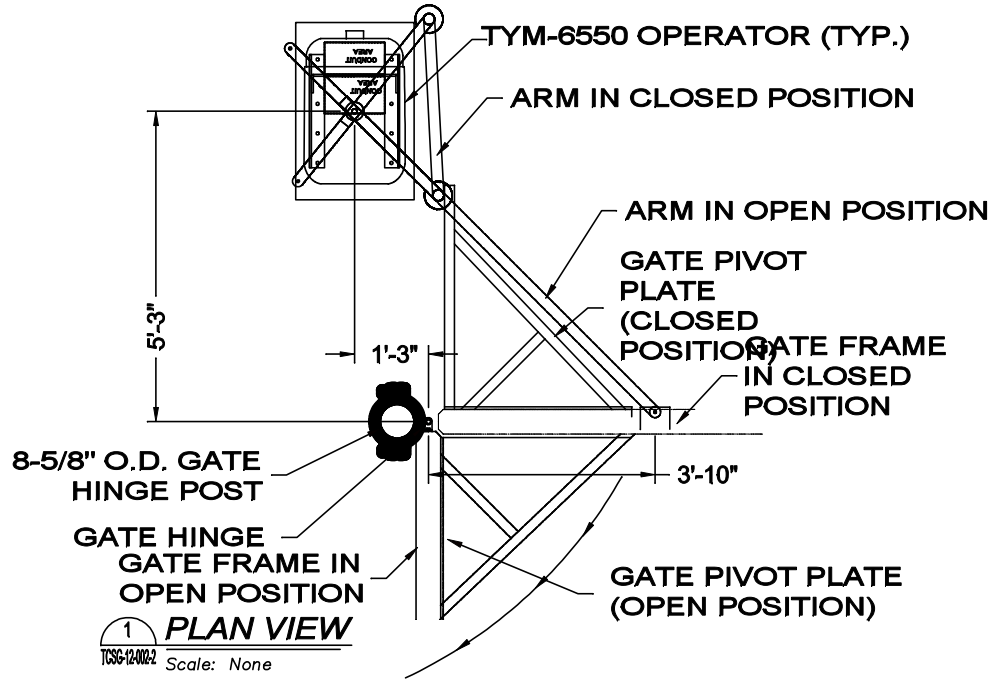
LEFT TO OPEN

DIRECTORY\CAD FILE: Drawings\Crash Rated\Tymetal\TCSG-12
SHEET NUMBER: 1 of 6
DRAWING NUMBER: TCSG-12-002-1L

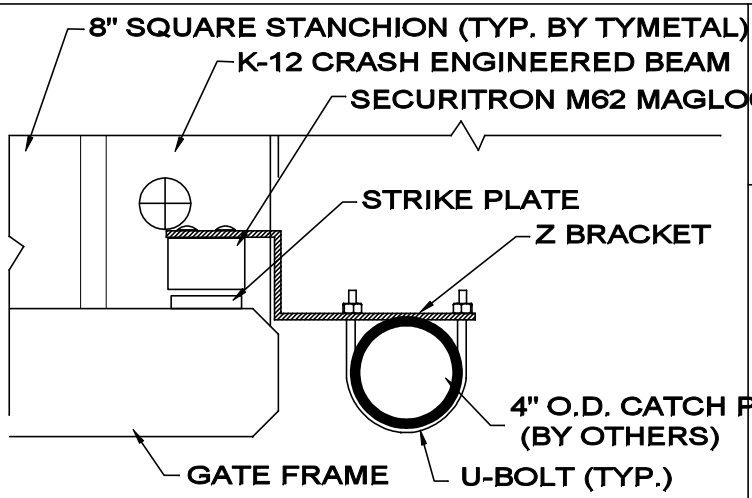
PROJECT:
SUBJECT: Heavy Duty K-12 Crash Engineered Swing Gate w/TYM-6550 Operator
CONTRACTOR:
ARCHITECT/ENGINEER:

DRAWN BY: MAM DATE: 3/5/26
CHECKED BY: JDE DATE: 3/5/26
SCALE: As Noted
REVISION LEVEL: R0

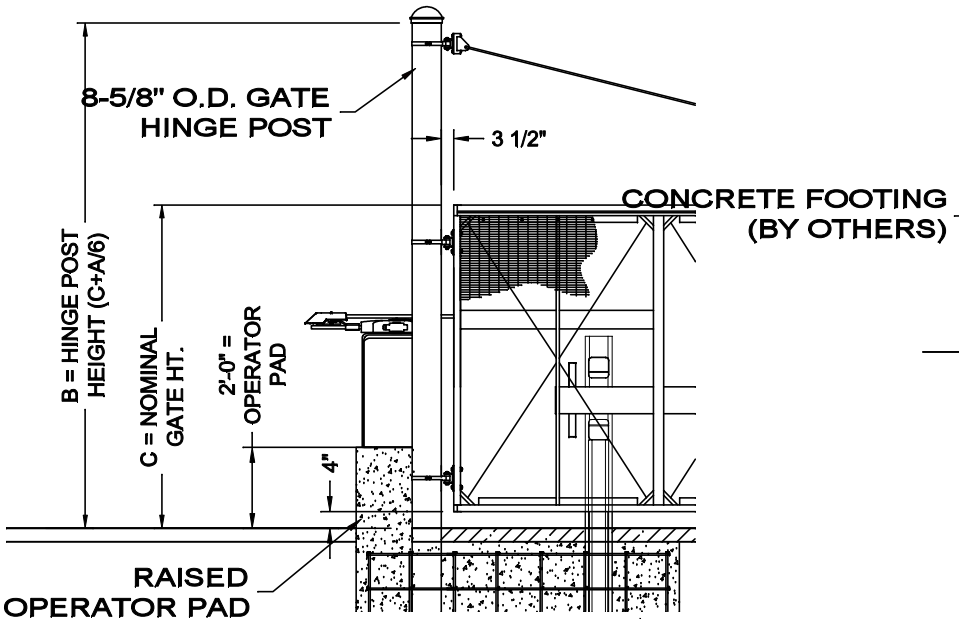
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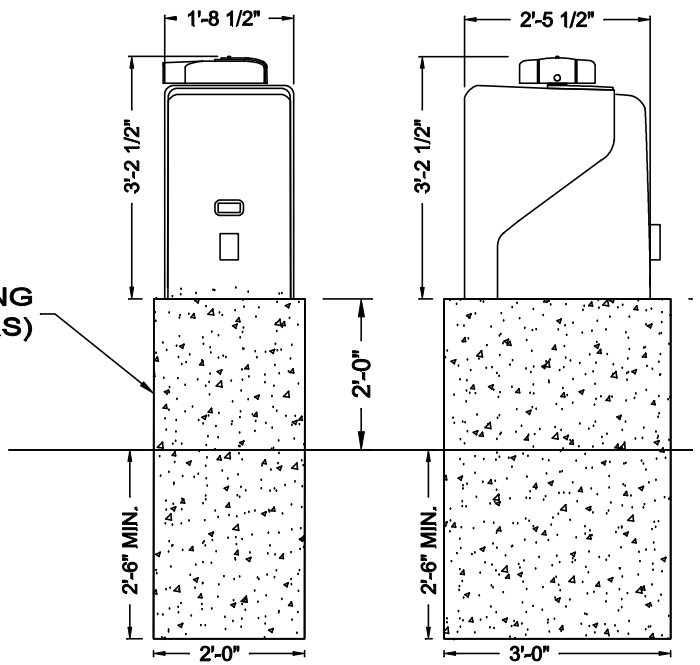
1 PLAN VIEW
TCSG-12-002-2 Scale: None
(LEFT TO OPEN SHOWN–RIGHT TO OPEN SIMILAR BUT OPPOSITE)



3 MAGLOCK MOUNTING DETAIL
TCSG-12-002-2 Scale: None



2 ELEVATION VIEW
TCSG-12-002-2 Scale: None
(LEFT TO OPEN SHOWN–RIGHT TO OPEN SIMILAR BUT OPPOSITE)



4 OPERATOR DETAILS
TCSG-12-002-2 Scale: None
LEFT SIDE SHOWN, RIGHT SIDE SIMILAR BUT OPPOSITE

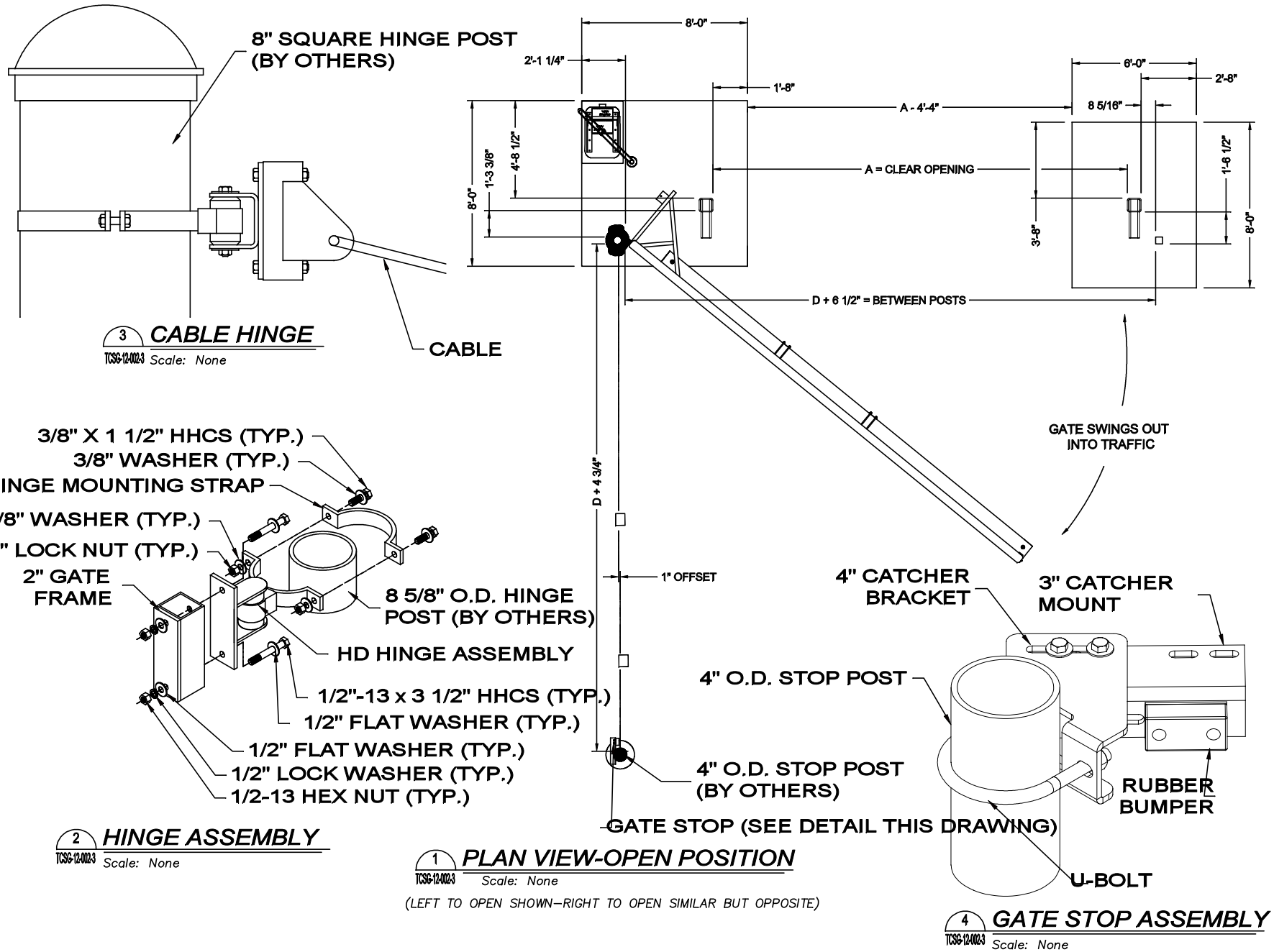
NOTES:
1. CONCRETE FOOTING SHALL BE SIZED AS REQUIRED BY A LOCAL ENGINEER IN ACCORDANCE WITH ALL JOB SPECIFICATIONS.

DIRECTORY/CAD FILE: Drawings\Cad Files\Tymetal\TCSG-12
SHEET NUMBER: 2 of 6
DRAWING NUMBER: TCSG-12-002-2

PROJECT:
SUBJECT: TYM-6550 Variable Speed Operator Details
CONTRACTOR:
ARCHITECT/ENGINEER:

DRAWN BY: MAM DATE: 3/5/26
CHECKED BY: JDE DATE: 3/5/26
SCALE: As Noted
REVISION LEVEL: R0

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3 CABLE HINGE
TCSG-12-002-3 Scale: None

2 HINGE ASSEMBLY
TCSG-12-002-3 Scale: None

1 PLAN VIEW-OPEN POSITION
TCSG-12-002-3 Scale: None

(LEFT TO OPEN SHOWN–RIGHT TO OPEN SIMILAR BUT OPPOSITE)

4 GATE STOP ASSEMBLY
TCSG-12-002-3 Scale: None

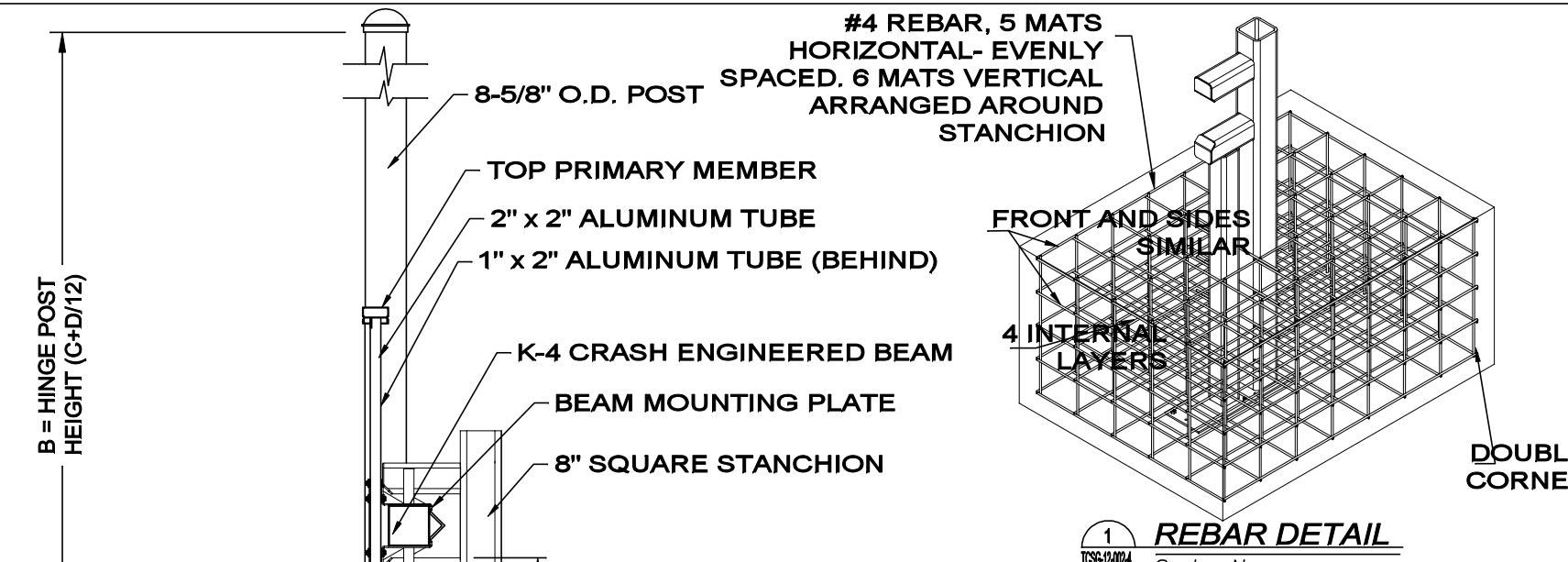
NOTES:
1. HINGES FOR SQUARE POSTS WILL BE PROVIDED.
2. APPROPRIATE HARDWARE WILL BE PROVIDED.

DIRECTORY\CAD FILE: Drawings\Crash Rated\Tymetal\TCSG-12
SHEET NUMBER: 3 of 6
DRAWING NUMBER: TCSG-12-002-3

PROJECT:
SUBJECT: Heavy Duty K-12 Crash Engineered Swing Gate Details
CONTRACTOR:
ARCHITECT/ENGINEER:

DRAWN BY: MAM DATE: 3/5/26
CHECKED BY: JDE DATE: 3/5/26
SCALE: As Noted
REVISION LEVEL: R0

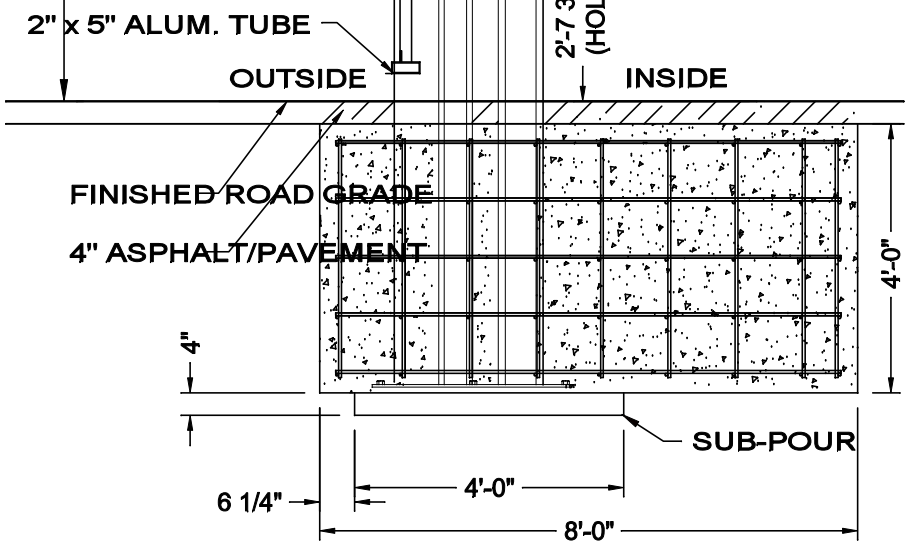
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1 TCSG-12-002-4 **REBAR DETAIL**

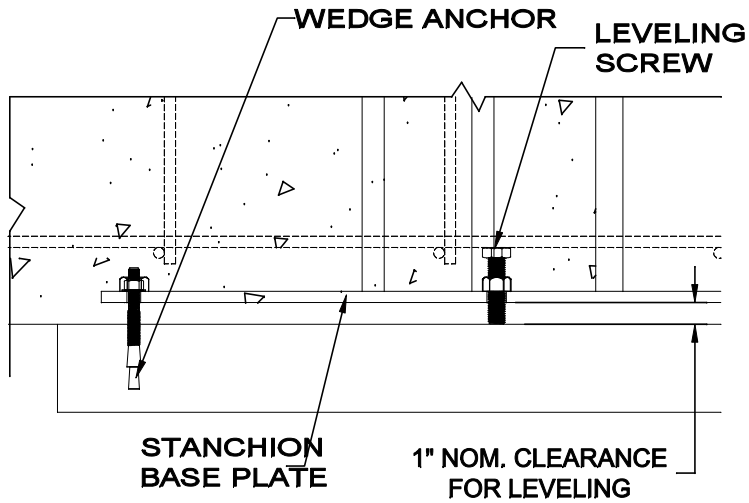
Scale: None

CATCH STANCHION SHOWN, HINGE STANCHION THE SAME: REBAR DETAILS SIMILAR



3 TCSG-12-002-4 **SECTION VIEW**

Scale: None



2 TCSG-12-002-4 **LEVELING DETAIL**

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 90% MAXIMUM DRY DENSITY ARE REQUIRED. TYMETAL WILL NOT BE RESPONSIBLE FOR FAILED GATE OPERATIONS CAUSE BY UNSTABLE SOIL CONDITIONS.
3. THIS ENGINEERED TCGR-12 CRASH SYSTEM WAS TESTED AND PASSED ASTM F2656-07 ACHIEVING A M50/P2 RATING FOR A 26' CLEAR OPENING (15,000# AT 50 MPH WITH < 7M. PENETRATION). THE UNIT QUOTED MAY HAVE A DIFFERENT CLEAR OPENING AND ROPE STRENGTH VARIES FROM THE TESTED MODEL, BUT CAN BE EXPECTED TO PERFORM IN A SIMILAR MANNER UNDER SIMILAR CONDITIONS

DIRECTORY\CAD FILE: Drawings\Crash Rated\Tymetal\TCGS-12

SHEET NUMBER: 4 of 6

DRAWING NUMBER: TCSG-12-002-4

PROJECT:

SUBJECT: Heavy Duty K-12 Crash Engineered Swing Gate Details

CONTRACTOR:

ARCHITECT/ENGINEER:

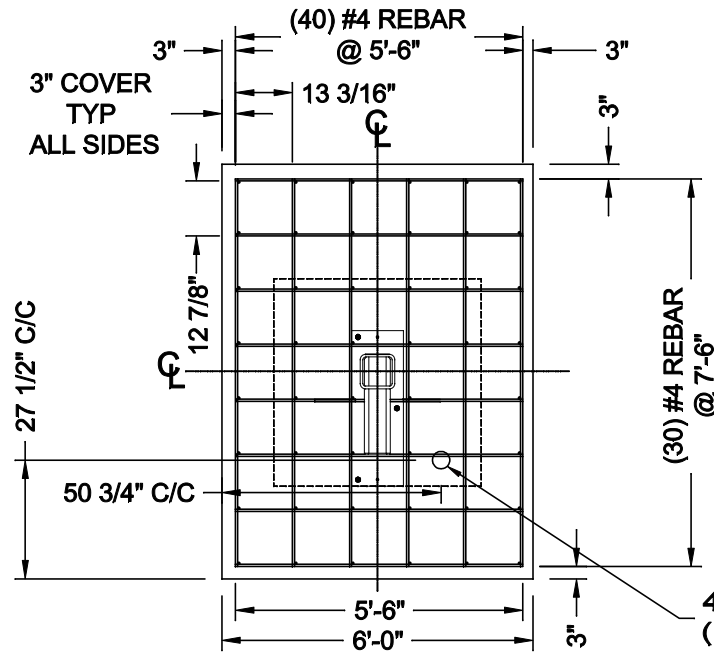
DRAWN BY: MAM DATE: 3/5/26

CHECKED BY: JDE DATE: 3/5/26

SCALE: As Noted

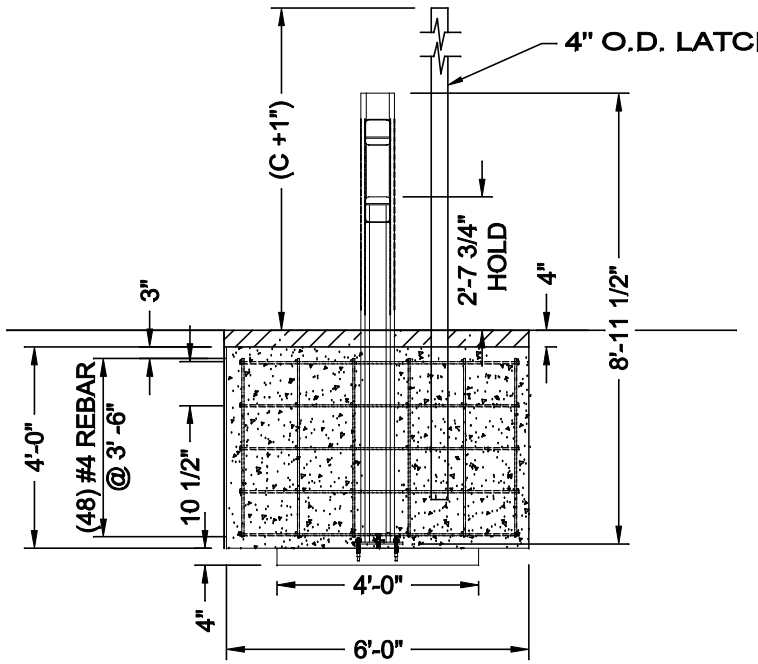
REVISION LEVEL: R0

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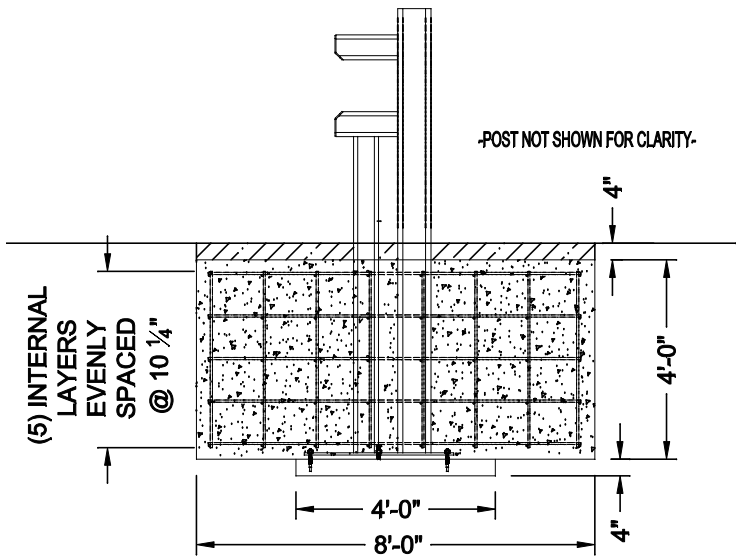


LEFT HAND GATE SHOWN-RIGHT HAND OPPOSITE

3 TCSG-12-002-5 **STANCHION PLAN VIEW**
Scale: None



1 TCSG-12-002-5 **STANCHION FRONT VIEW**
Scale: None



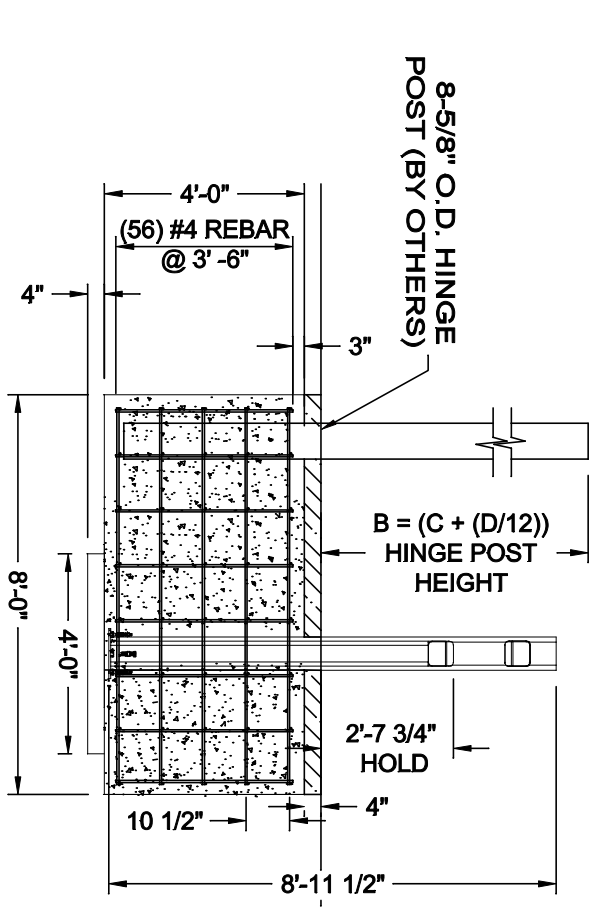
2 TCSG-12-002-5 **STANCHION RIGHT VIEW**
Scale: None

DIRECTORY\CAD FILE: Drawings\Cast Rebar\Tymetal\TCSG-12
SHEET NUMBER: 5 of 6
DRAWING NUMBER: TCSG-12-002-5

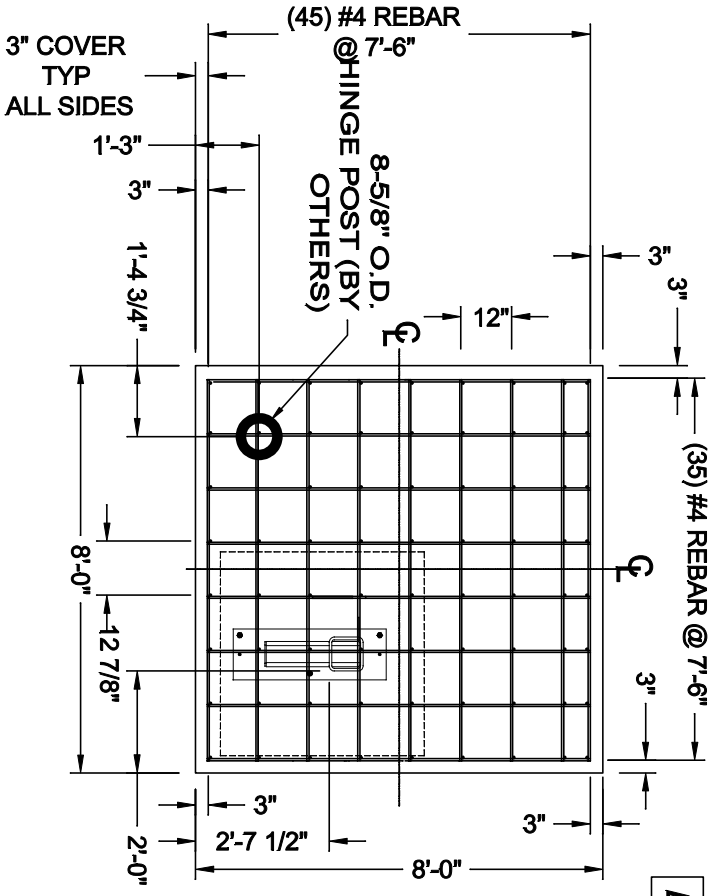
PROJECT:
SUBJECT: Stanchion Foundation Details - Catch Side
CONTRACTOR:
ARCHITECT/ENGINEER:

DRAWN BY: MAM DATE: 3/5/26
CHECKED BY: JDE DATE: 3/5/26
SCALE: As Noted
REVISION LEVEL: R0

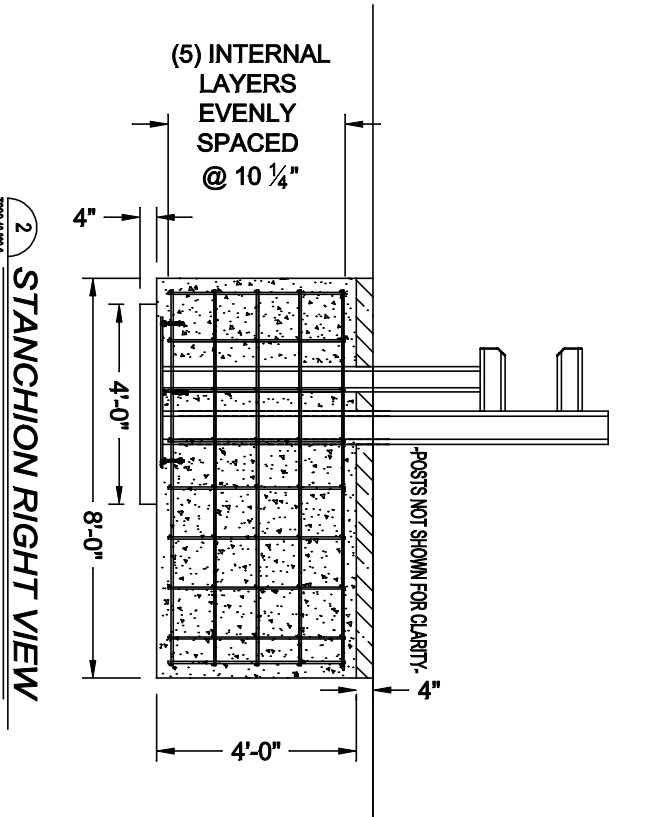
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1 TCSG-12-002-6 STANCHION FRONT VIEW
Scale: None



3 TCSG-12-002-6 STANCHION PLAN VIEW
Scale: None



2 TCSG-12-002-6 STANCHION RIGHT VIEW
Scale: None

LEFT HAND GATE SHOWN-RIGHT HAND OPPOSITE

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DATE:	3/5/26
CHECKED BY:	JDE
DATE:	3/5/26
SCALE:	As Noted
REVISION LEVEL:	R0

PROJECT:

SUBJECT: Stanchion Foundation Details - Hinge Side

CONTRACTOR:

ARCHITECT/ENGINEER:

DIRECTORY\CAD FILE: Drawings\Crash Rated\Tymetal\TCGS-12

SHEET NUMBER: 6 of 6

DRAWING NUMBER: TCSG-12-002-6