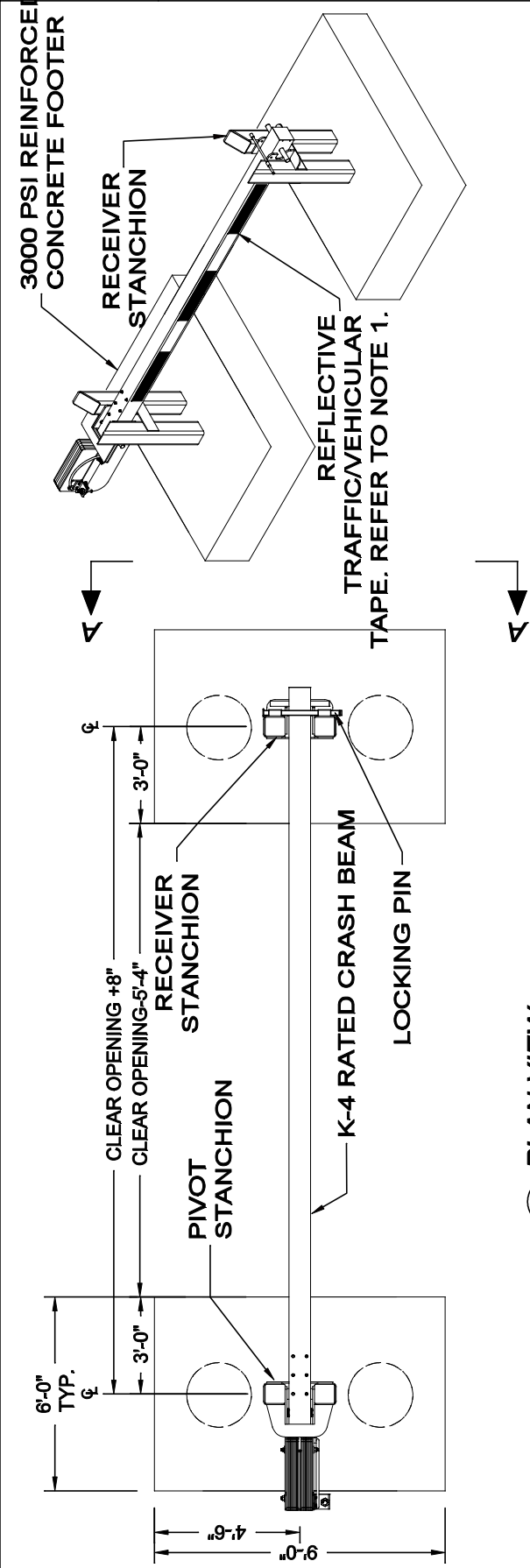


|                    |                     |                 |          |
|--------------------|---------------------|-----------------|----------|
| TCRB4-M007-G-1     | ARCHITECT/ENGINEER: | REVISION LEVEL: | R0       |
| DRAWING NUMBER:    | CONTRACTOR:         | SCALE:          | As Noted |
| 1 of 3             | SUBJECT:            | DATE:           | 9/16/16  |
| TCRB4-M00G R0      | PROJECT:            | CHECKED BY:     | BGG      |
| DIRECTOR/CAD FILE: |                     | DATE:           | 9/16/16  |
|                    |                     | DRAWN BY:       | SLK      |

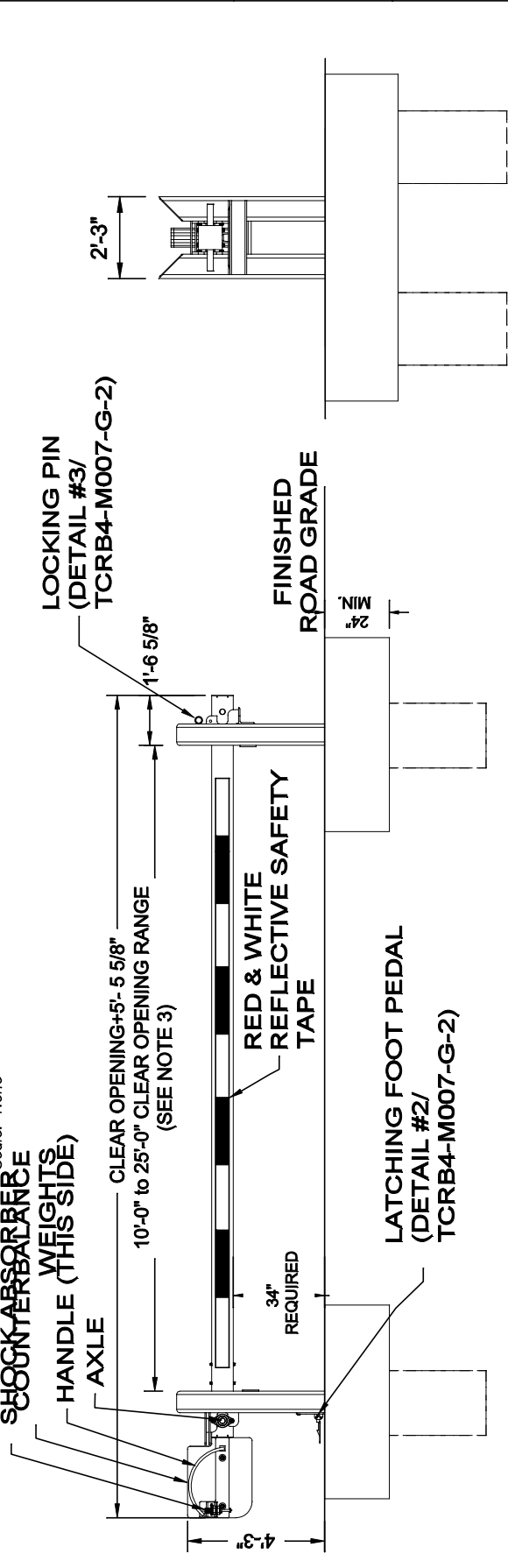


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1 PLAN VIEW

Scale: None



2 ELEVATION

Scale: None

3 VIEW A-A

Scale: None

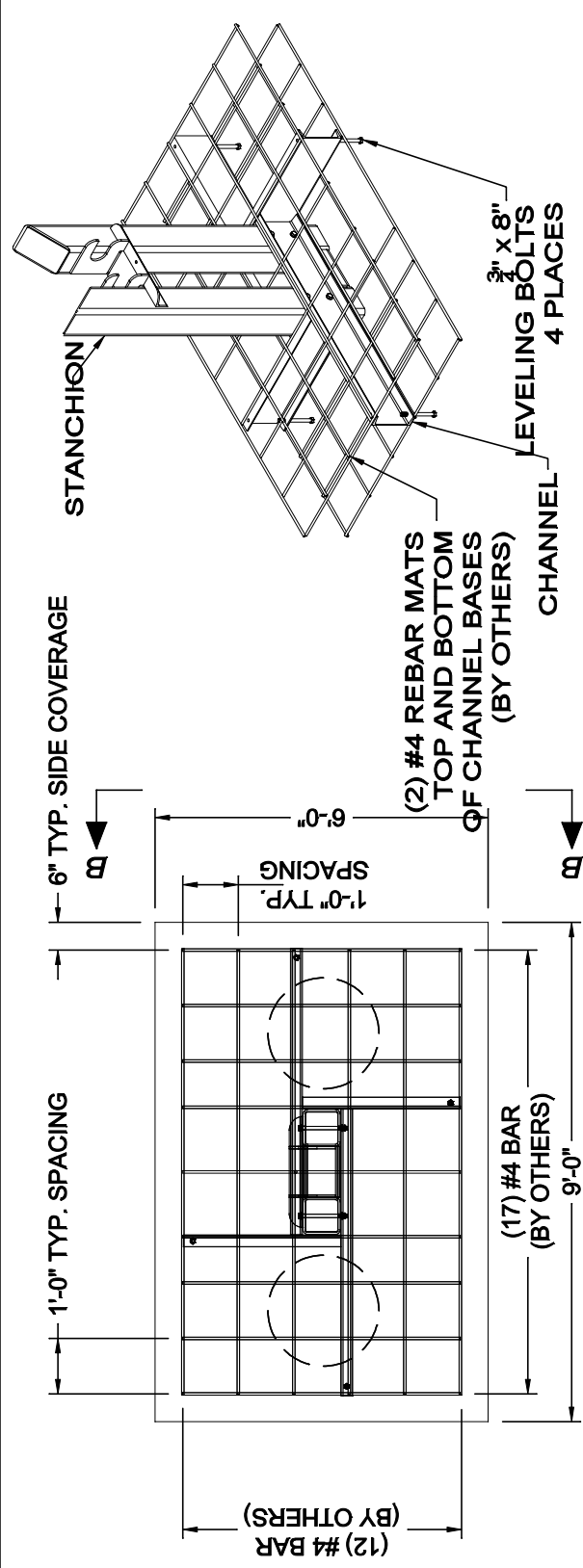
- NOTES:
1. CRASH BEAM IS POWDER COATED WHITE WITH SHOP APPLIED REFLECTIVE TRAFFIC/VEHICULAR TAPE, RED AND WHITE, ALTERNATING, WEATHERPROOF. TAPE WILL BE FHWA - MUTCD COMPLANT. BY TYMETAL, BOTH INBOUND AND OUTBOUND SIDES.
  2. STANCHIONS ARE COATED WITH ZINC ENRICHED PRIMER AND PAINTED BLACK.
  3. CLEAR OPENING IS DEFINED BETWEEN STANCHIONS (8" TUBE TO 8" TUBE).
  4. WEIGHT PLATE LAYOUT VARIES WITH CLEAR OPENING. EXTENSIONS MAY BE REQUIRED ON LARGER OPENINGS.



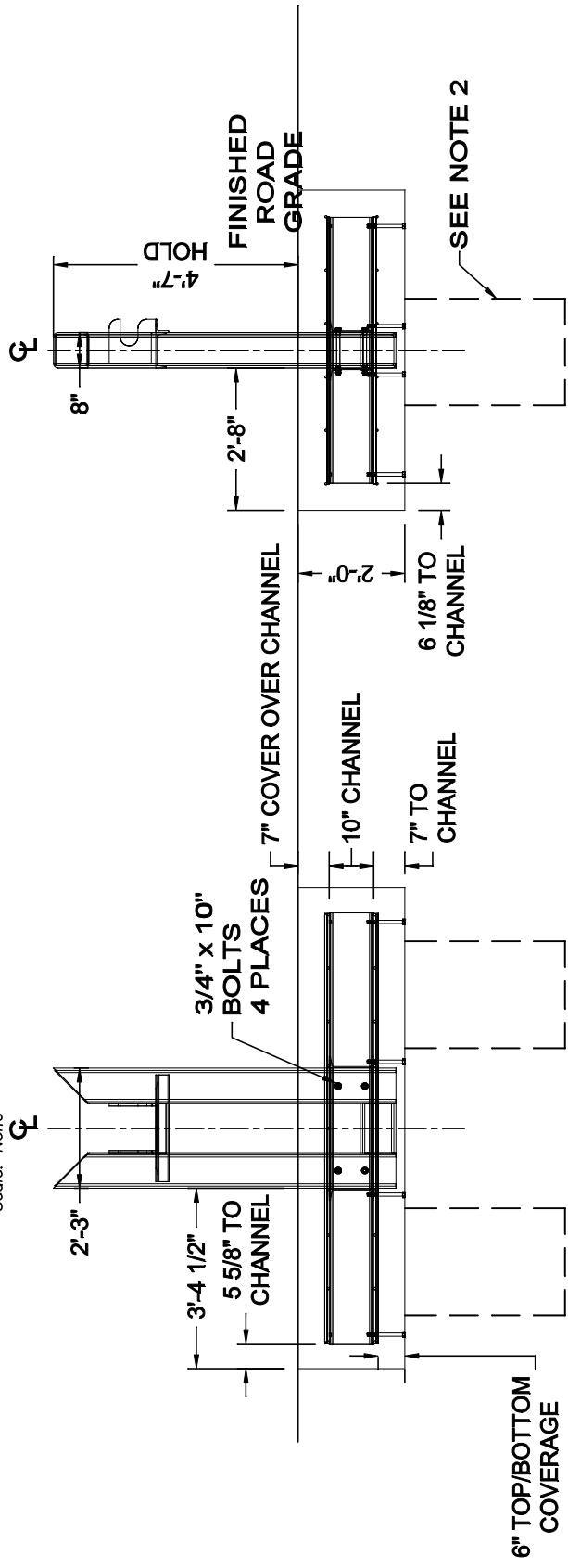
|                 |                                   |                     |                 |          |
|-----------------|-----------------------------------|---------------------|-----------------|----------|
| TCRB4-M007-G-3  | PROJECT:                          | ARCHITECT/ENGINEER: | REVISION LEVEL: | R0       |
| DRAWING NUMBER: | SUBJECT:                          | CONTRACTOR:         | SCALE:          | As Noted |
| 3 of 3          | Tymetal TCRB-4 Stanchion Footings |                     | DATE:           | 9/16/16  |
| TCRB4-M00G R0   | DIRECTOR/CAD FILE:                |                     | CHECKED BY:     | BGG      |
|                 |                                   |                     | DATE:           | 9/16/16  |
|                 |                                   |                     | DRAWN BY:       | SLK      |



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**1 PLAN VIEW**  
 Scale: None



**2 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. PIERS REQUIRED IN AREAS WHERE FROST LINE IS BELOW FOUNDATIONS.  
 3. 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 BY TYMETAL. TYMETAL WILL NOT BE RESPONSIBLE FOR FAILED GATE OPERATIONS CAUSED BY UNSTABLE SOIL CONDITIONS. PROJECT SPECIFIC SOIL CAPACITY AND COMPACTION REQUIREMENTS WHEN GREATER THAN SPECIFIED BY TYMETAL SUPERSEDE TYMETAL REQUIREMENTS; PLEASE CONSULT WITH YOUR PROJECT CIVIL ENGINEER FOR GUIDANCE.