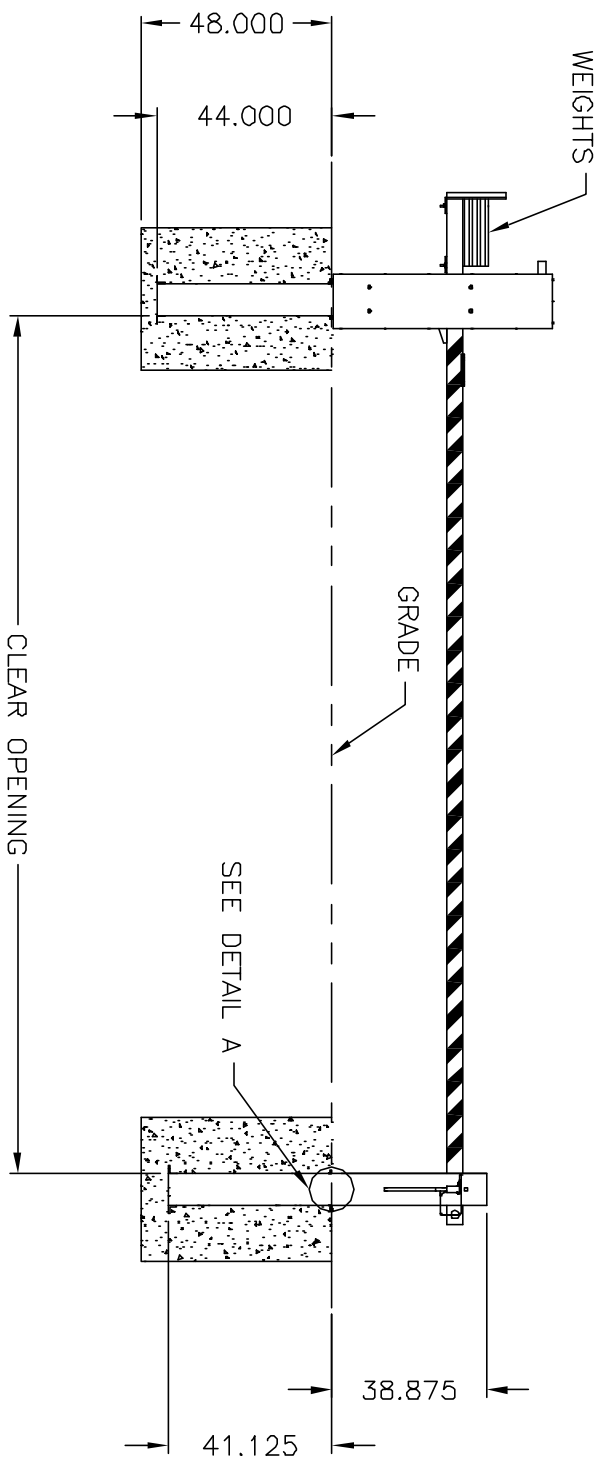


HINGE POST

RECEIVER POST



WEIGHTS

GRADE

SEE DETAIL A

CLEAR OPENING

38.875

41.125

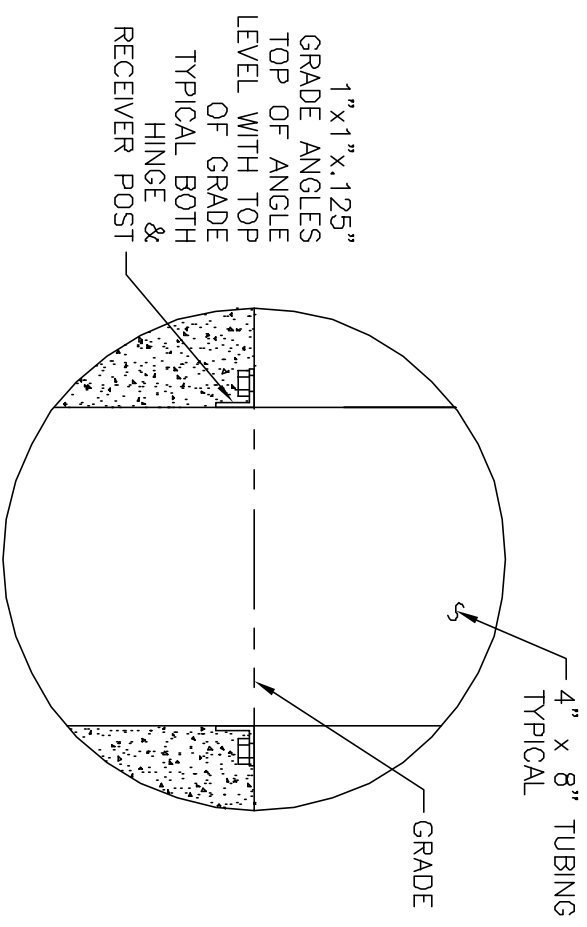
NOTES:
 1. 714 HINGE & RECEIVER POST FOUNDATION: 36" SQUARE. 4000 PSI, #6 SCREEN, 4 SIDES.

2. THE CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS. THE CEMENT SHALL BE AS PER ASTM C150. THE MAXIMUM AGGREGATE SIZE SHALL BE 1 INCH.

3. THE FOUNDATION SHALL BE POURED ON UNDISTURBED SOIL UTILIZING THE EARTH AS THE FORM FOR THE BOTTOM AND SIDES. STANDING WATER IN THE EXCAVATION SHALL BE REMOVED PRIOR TO POURING THE FOUNDATION.

4. THE FOUNDATION DIMENSIONS SHOWN (36" x 36" x 48" DEEP) ARE CONSIDERED MINIMUM. IT IS ANTICIPATED THAT THE FOUNDATIONS WILL ROTATE AND BE DISPLACED LATERALLY UPON IMPACT OF THE VEHICLE. THE MAGNITUDE OF THE FOUNDATION DISPLACEMENT WILL VARY DEPENDING ON THE MASS AND VELOCITY OF THE VEHICLE AND THE LOCAL SOIL CONDITIONS. AFTER IMPACT OF THE BARRIER, THE FOUNDATIONS AND SURROUNDING SOIL SHOULD BE INSPECTED BY A COMPETENT PERSON TO DETERMINE IF REPAIR OR REPLACEMENT IS REQUIRED.

5. FOUNDATION SIZE IS BASED ON MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF 1600 PSI.



4" x 8" TUBING
TYPICAL

GRADE

1" x 1" x 1.25"
GRADE ANGLES
TOP OF ANGLE
LEVEL WITH TOP
OF GRADE
TYPICAL BOTH
HINGE &
RECEIVER POST

DETAIL A

**714 CABLE CRASH BEAM
FOUNDATION**

B&B ARMIR
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 Carrollton, Tx 75006
 800-367-0387