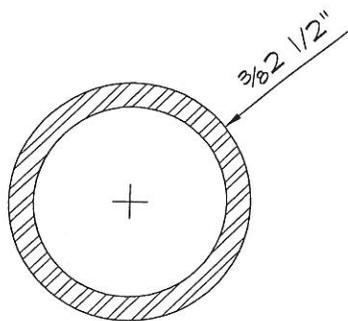
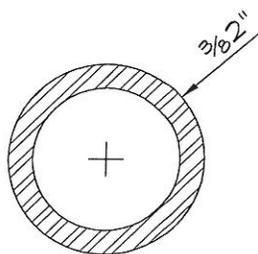


**TYPICAL ELEVATION**

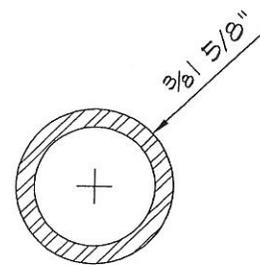
1/4" = 1'-0"



2 1/2" DIA. TERMINAL POST  
6" = 1'-0"



2" DIA. LINE POST  
6" = 1'-0"



1 5/8" DIA. HORIZ. RAIL  
6" = 1'-0"

NOTE: ALL POSTS SHALL BE SCH-40 GALV. STEEL

\* DESIGNER TO SELECT GAUGE OF FABRIC



**STANDARD 4 ft - 5 ft - 6 ft CHAIN LINK FENCE**

SCALE: AS SHOWN

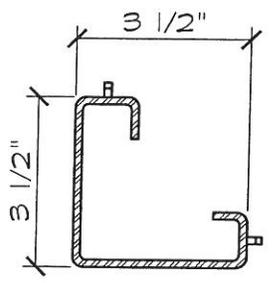
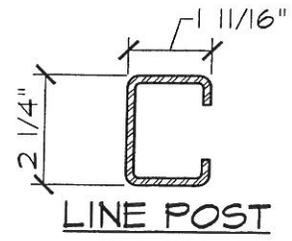
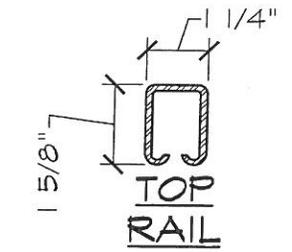
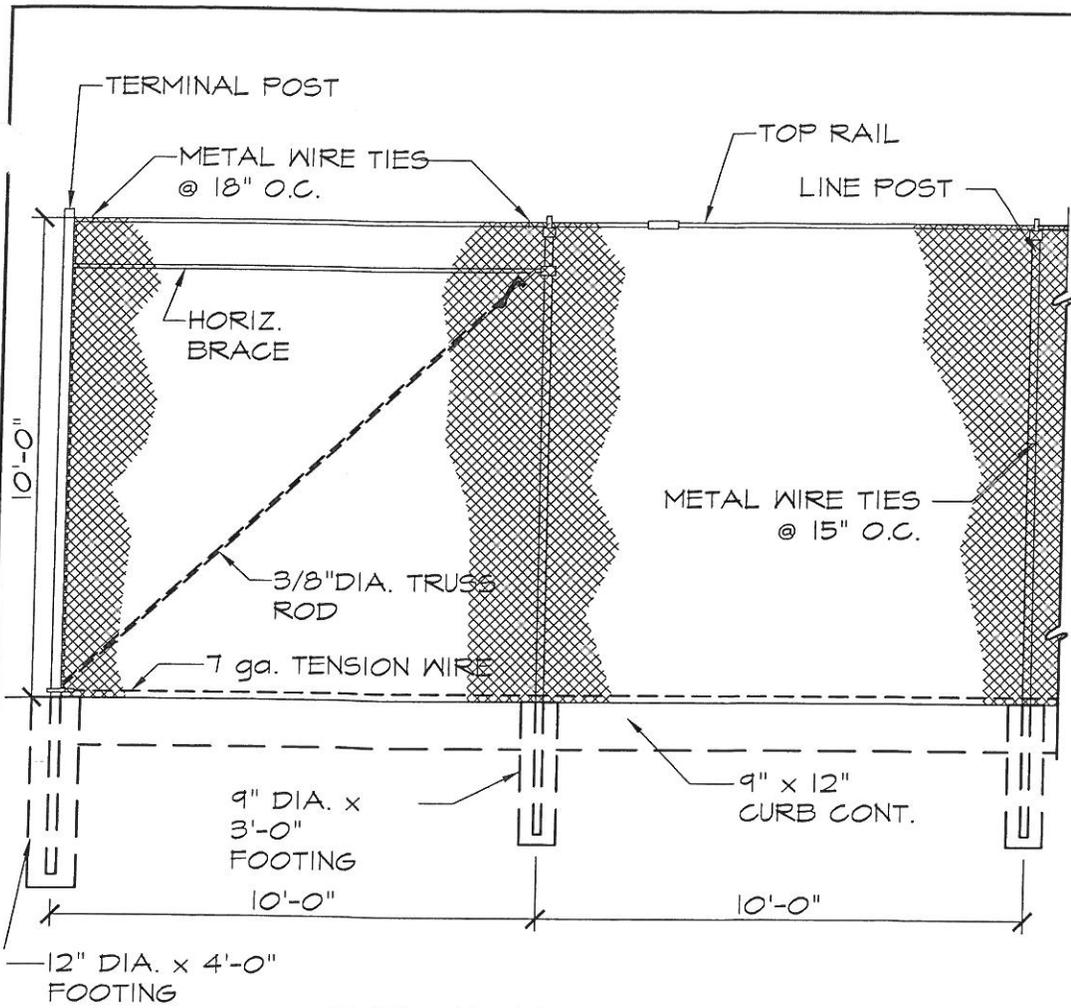
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-1



**TYPICAL ELEVATION**  
SCALE: 1/4" = 1'-0"

**TERMINAL POST**  
SCALE: 3" = 1'-0"

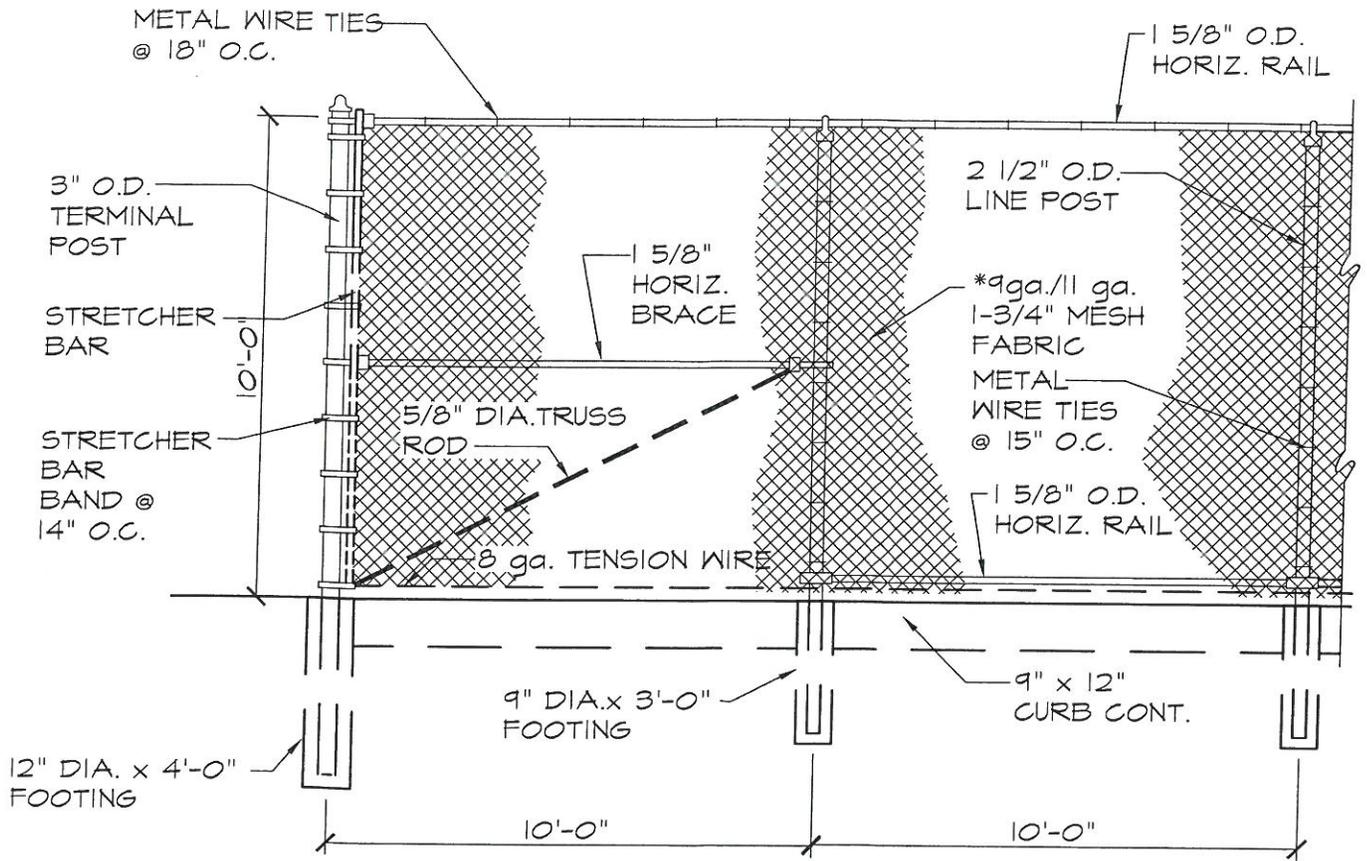
**NOTES:**

1. FENCE UNITED STATES STEEL CYCLONE FENCE TYPE II, SAFEGUARD WITH TOP RAIL AND HEAVY DUTY "C" LINE POST, OR EQUAL. ALL MATERIAL TO BE BLACK COLOR COATED AS PER MANUFACTURER'S SPECIFICATIONS.
2. MESH TO BE TIED TO TENNIS COURT SIDE OF FENCE.



**TENNIS COURT FENCE (SAFEGUARD - 10' HEIGHT)**

SCALE: AS SHOWN	DRAWN BY:	REVISED:
DATE:	APPROVED BY:	DRAWING #: B-2



TYPICAL ELEVATION

NOTE:  
 MESH TO BE TIED TO TENNIS COURT SIDE OF FENCE.  
 \*DESIGNER TO SLECT GAUGE OF FABRIC



TENNIS COURT FENCE (STANDARD - 10' HEIGHT)

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

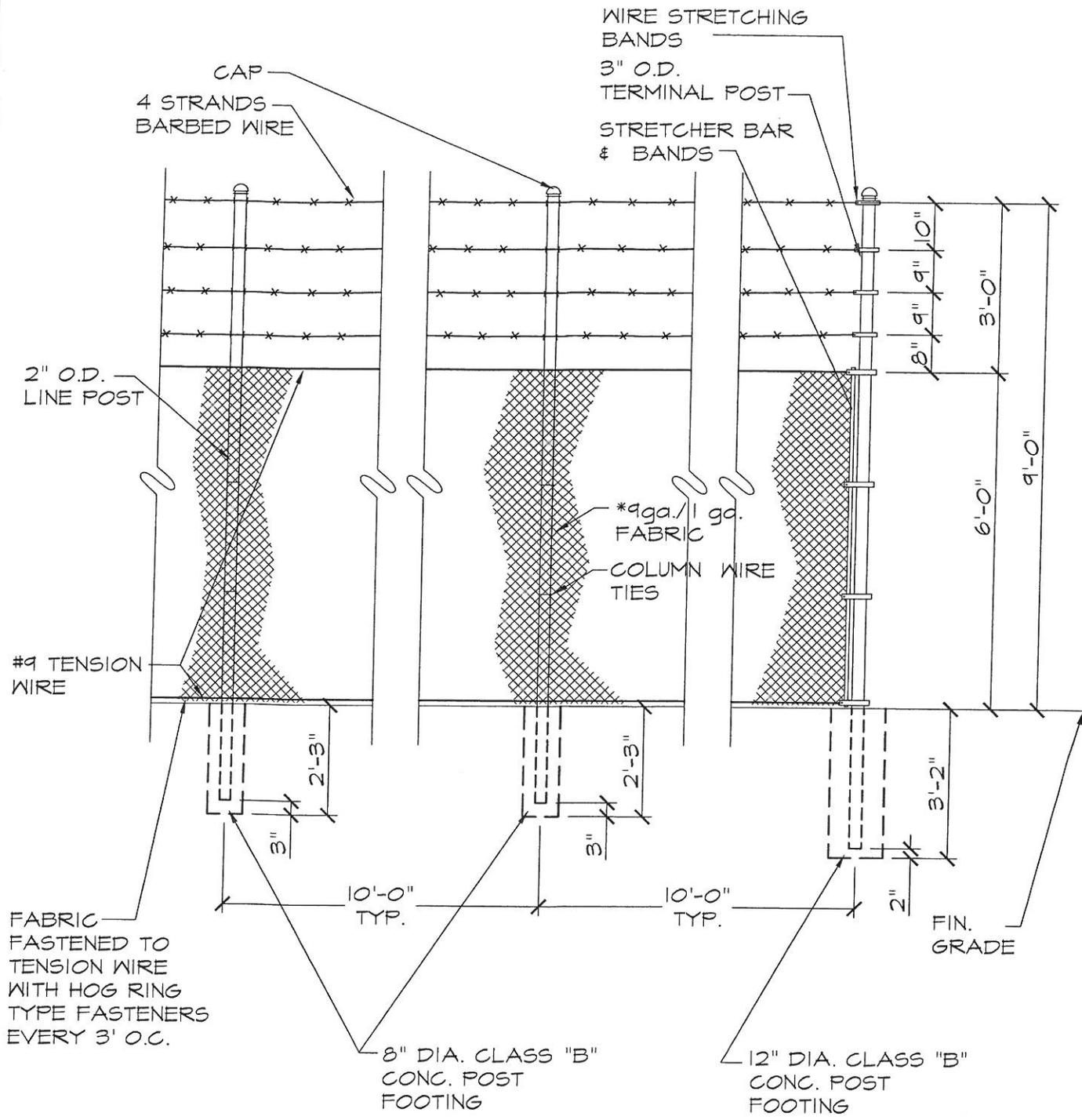
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-3



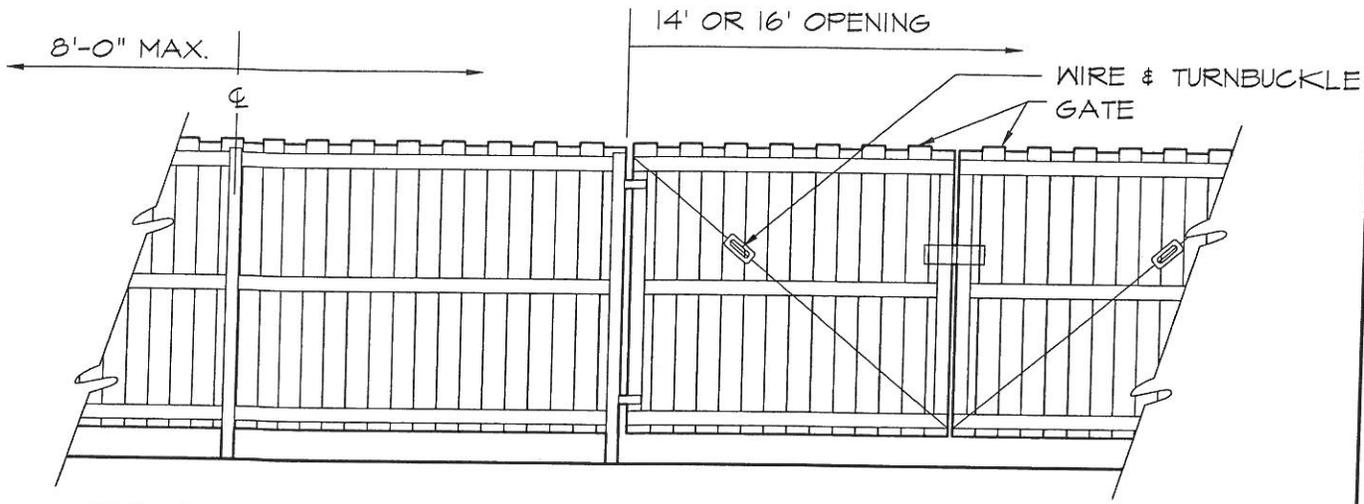
\*DESIGNER TO SELECT GAUGE OF FABRIC



# SECURITY FENCE

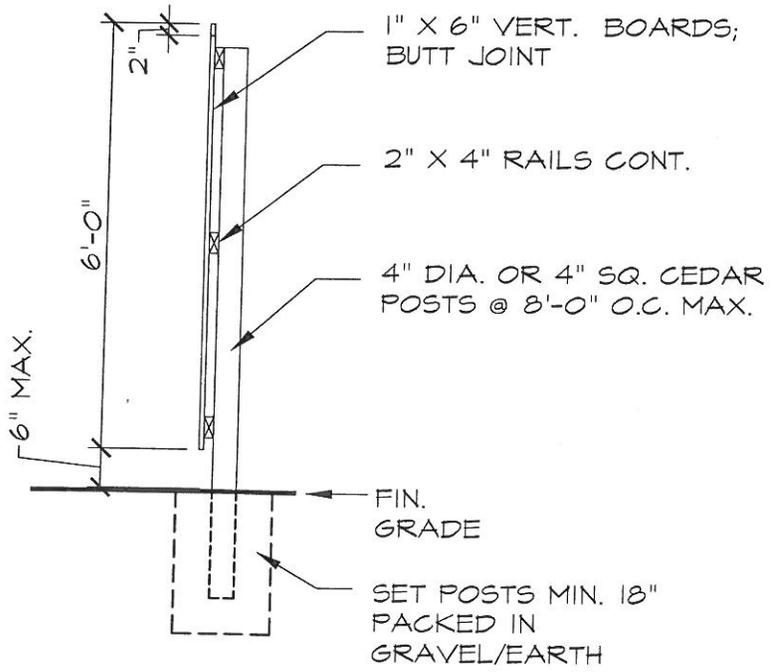
SCALE: 3/8" = 1'-0"	DRAWN BY:	REVISED:
DATE:	APPROVED BY:	DRAWING #: B-4





**BACK ELEVATION**  
 1/4" = 1'-0"

- NOTES:
1. GATES TO HAVE BOLT AND HOOK, HINGES, HASPS AND PADLOCKS.
  2. PROVIDE WIRE AND TURNBUCKLE TO MAINTAIN GATES IN PROPER ALIGNMENT.
  3. SECURE GATE POSTS AS REQUIRED FOR GATE SUPPORT.



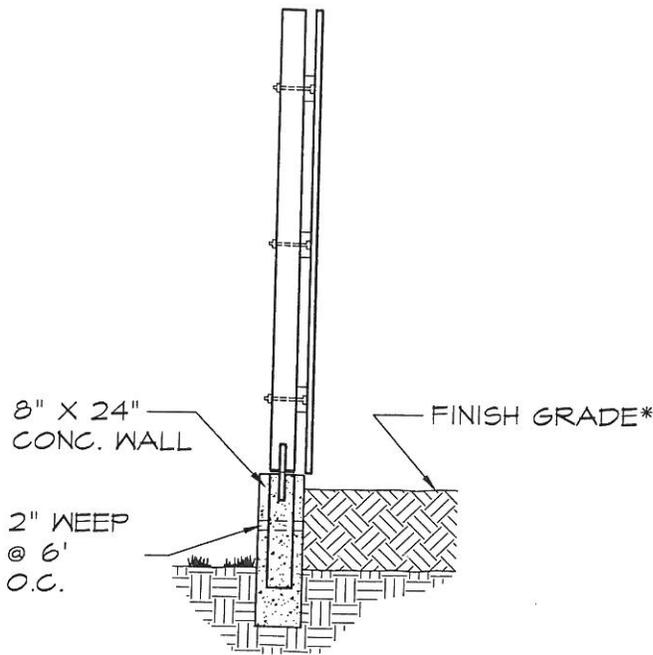
**SECTION**  
 3/8" = 1'-0"

\*OPTION TO USE AS PERMANENT FENCE; CHANGE FOOTINGS TO CONCRETE

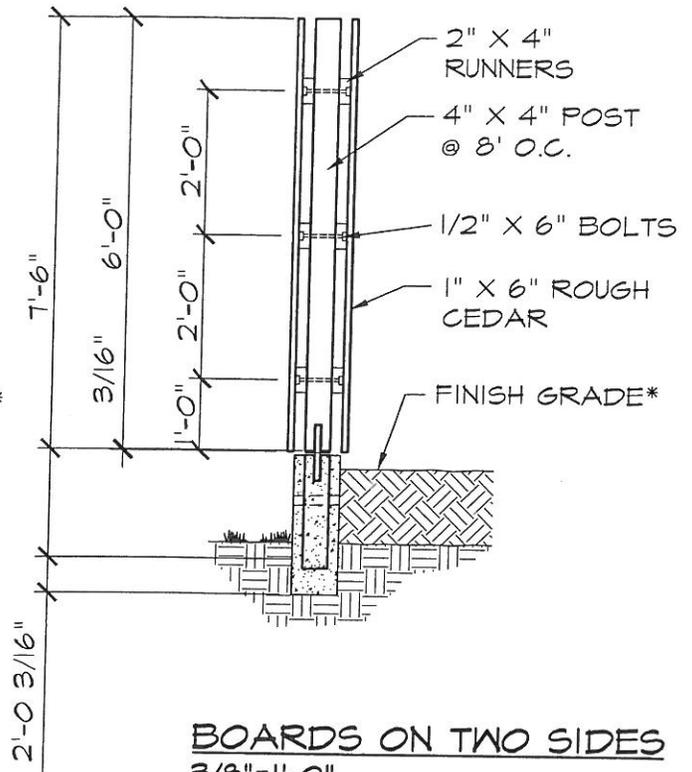


**\*TEMPORARY WOODEN CONSTRUCTION FENCE**

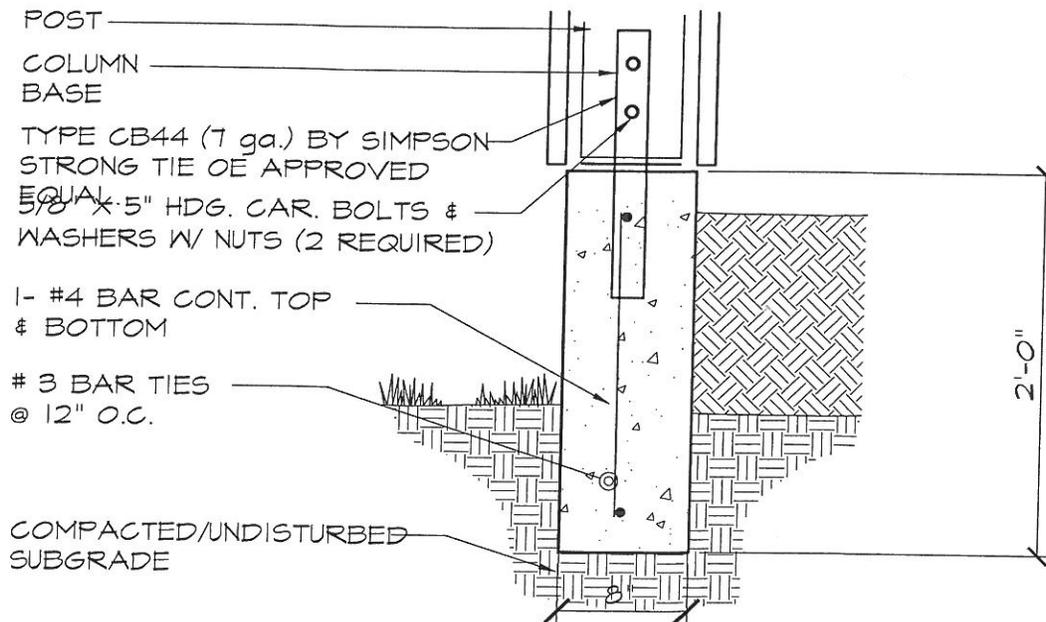
SCALE: AS SHOWN	DRAWN BY:	REVISED:
DATE:	APPROVED BY:	DRAWING #: B-6



**BOARDS ON ONE SIDE**  
3/8"=1'-0"



**BOARDS ON TWO SIDES**  
3/8"=1'-0"



**RETAINING WALL DETAIL**  
1"=1'-0"

\*DESIGNER TO MODIFY DETAIL TO INDICATE SURFACE TREATMENT AT FILL CONDITION



**BOARD FENCE ON RETAINING WALL**

SCALE: AS SHOWN

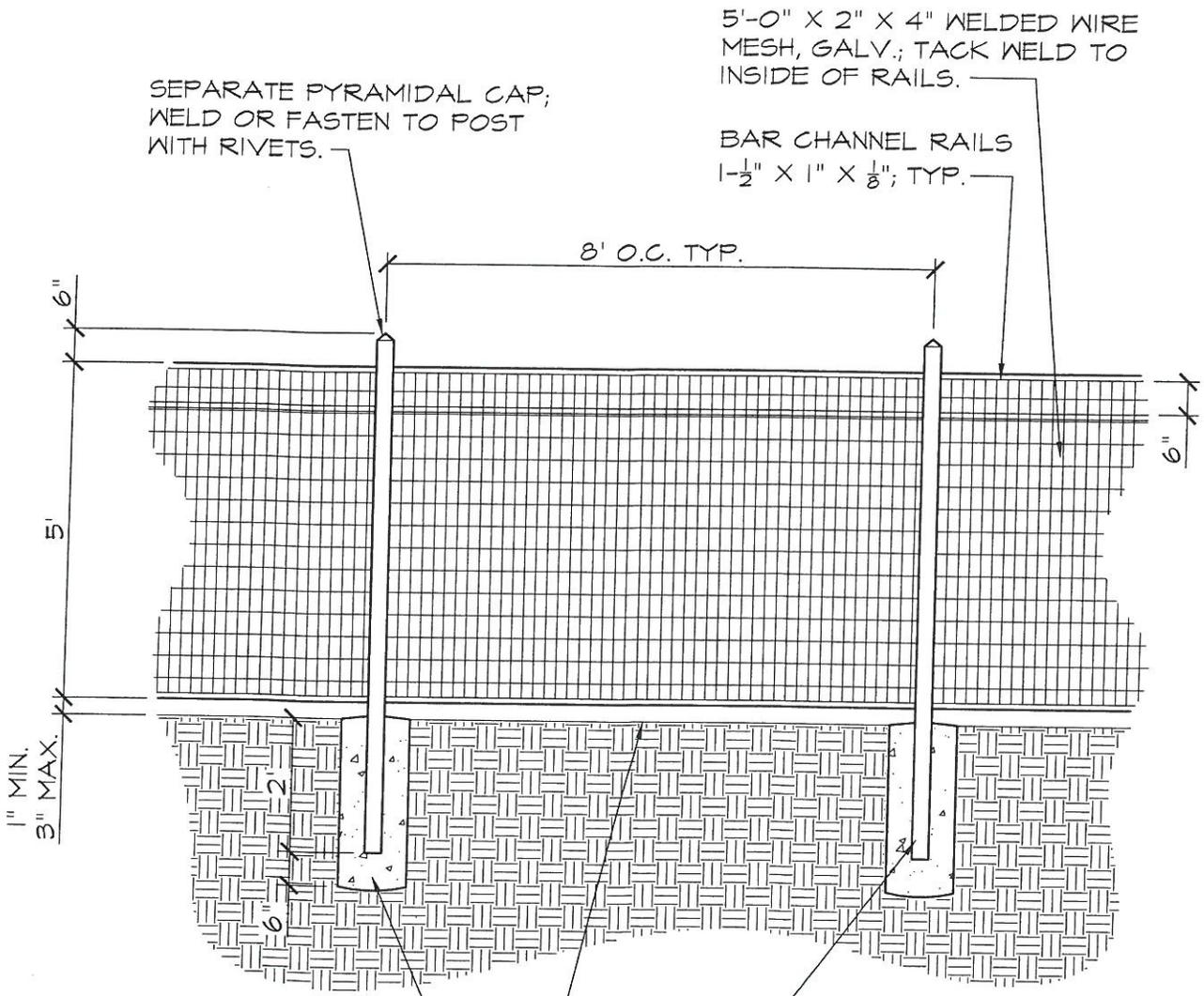
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-7



SEPARATE PYRAMIDAL CAP;  
WELD OR FASTEN TO POST  
WITH RIVETS.

5'-0" X 2" X 4" WELDED WIRE  
MESH, GALV.; TACK WELD TO  
INSIDE OF RAILS.

BAR CHANNEL RAILS  
1- $\frac{1}{2}$ " X 1" X  $\frac{1}{8}$ "; TYP.

8' O.C. TYP.

6"  
5'  
1" MIN.  
3" MAX.

6"

CONC. FOOTING:  
12" DIA. X 30" DEEP

FIN. GRADE

STL. POSTS: 3" SQ.(7ga.) TYP.  
SET IN CONC. FOOTING.

NOTE: COLOR OF FENCE POSTS AND RAILS TO BE FLAT BLACK\*  
\*DESIGNER TO SELECT & INDICATE COLOR



WELDED WIRE MESH FENCE

SCALE: 3/8" = 1'-0"

DRAWN BY:

REVISED:

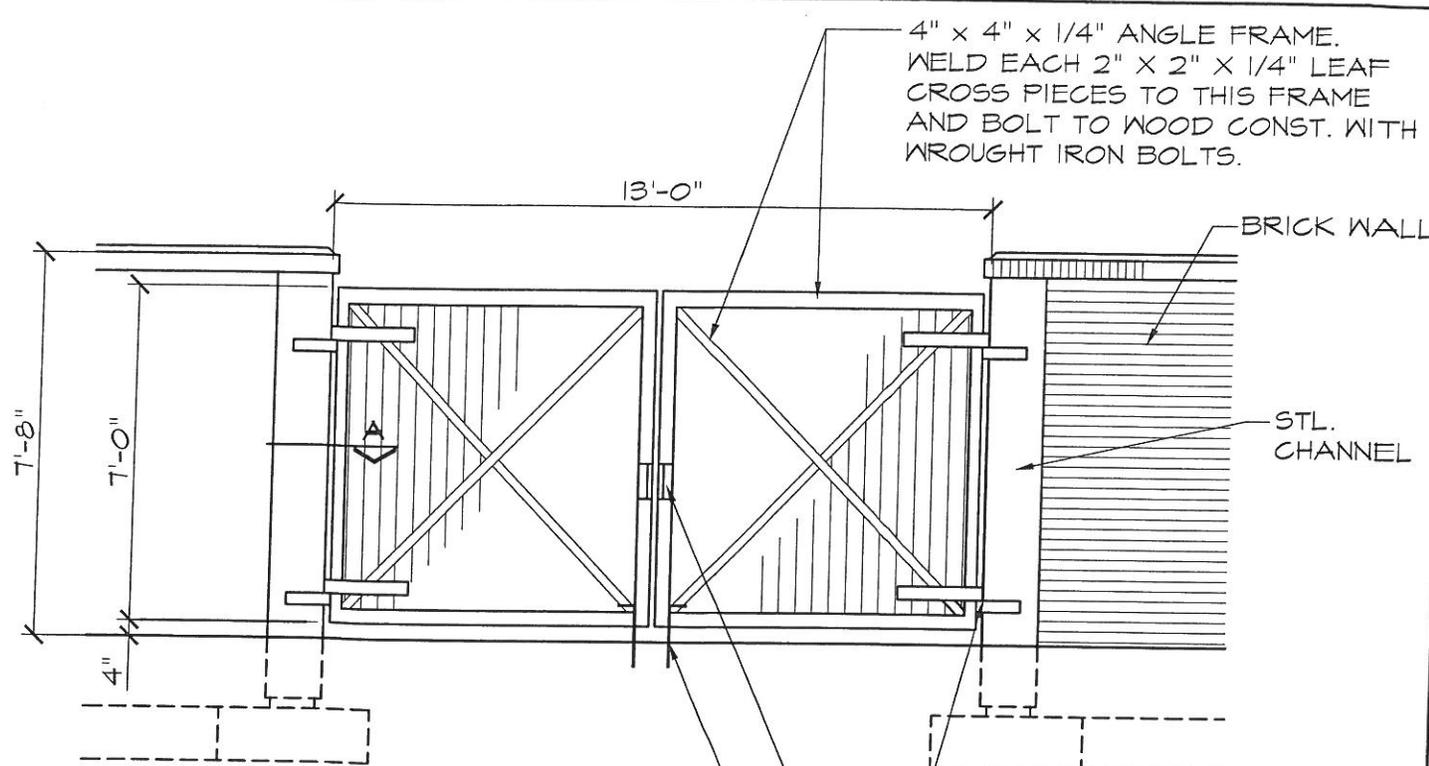
DATE:

APPROVED BY:

DRAWING #: B-8

**REAR ELEVATION**

1/4" = 1'-0"



PROVIDE 1/2" 3/8 THEFTPROOF HOLD OPEN OR SHUT DEVICE WITH 3/4" 3/8 x 6" SLEEVES TO SET IN CONCRETE.

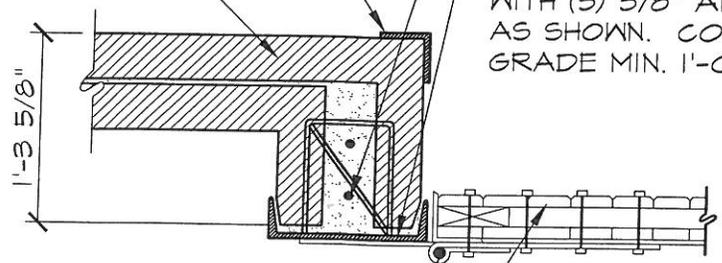
WROUGHT STL. BOLT HOOK AND STRAP HINGES.  
PROVIDE 6" WROUGHT STL. PLATES FOR PADLOCK EYE RINGS.

4" X 4" X 1/4" ANGLE WITH (5) 3/8" ANCHOR BOLTS.

VERTICAL #4 RODS IN CONC., EXTEND INTO FOUNDATION.

BRICK WALL

12" X 20.7 STL. CHANNEL WITH (5) 3/8" ANCHOR RODS AS SHOWN. CONTINUE BELOW GRADE MIN. 1'-0".



**SECTION "A"**

3/4" = 1'-0"

CEDAR SIDING GATE EXTERIOR SOLID, 2" X 6" DIAGONAL CEDAR INTERIOR CORE.

WROUGHT STL. BOLT HOOK AND STRAP HINGES.



**WOODEN SERVICE GATE**

SCALE: AS SHOWN

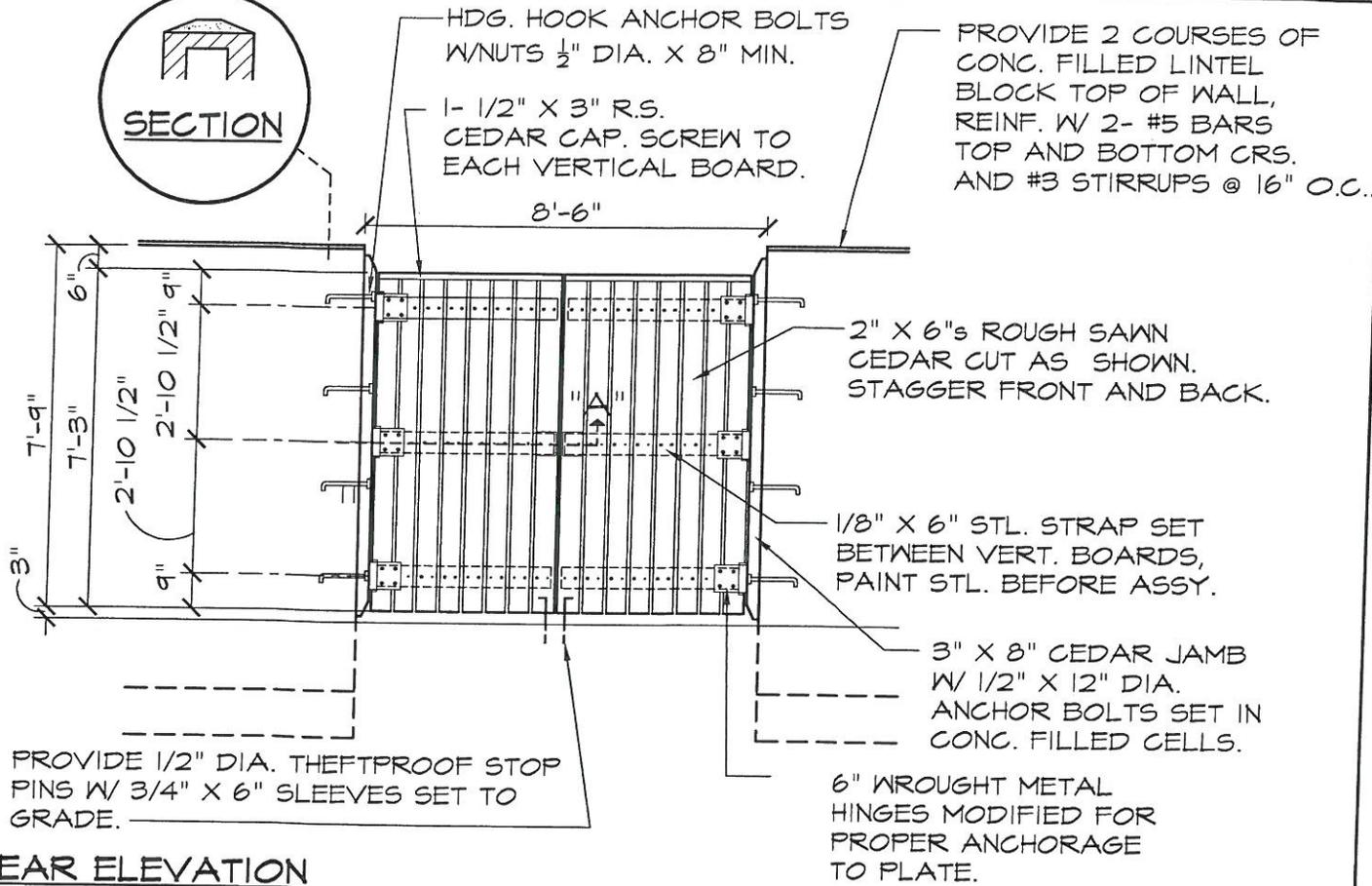
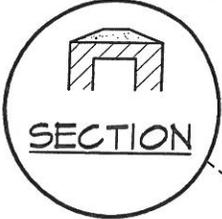
DRAWN BY:

REVISED:

DATE:

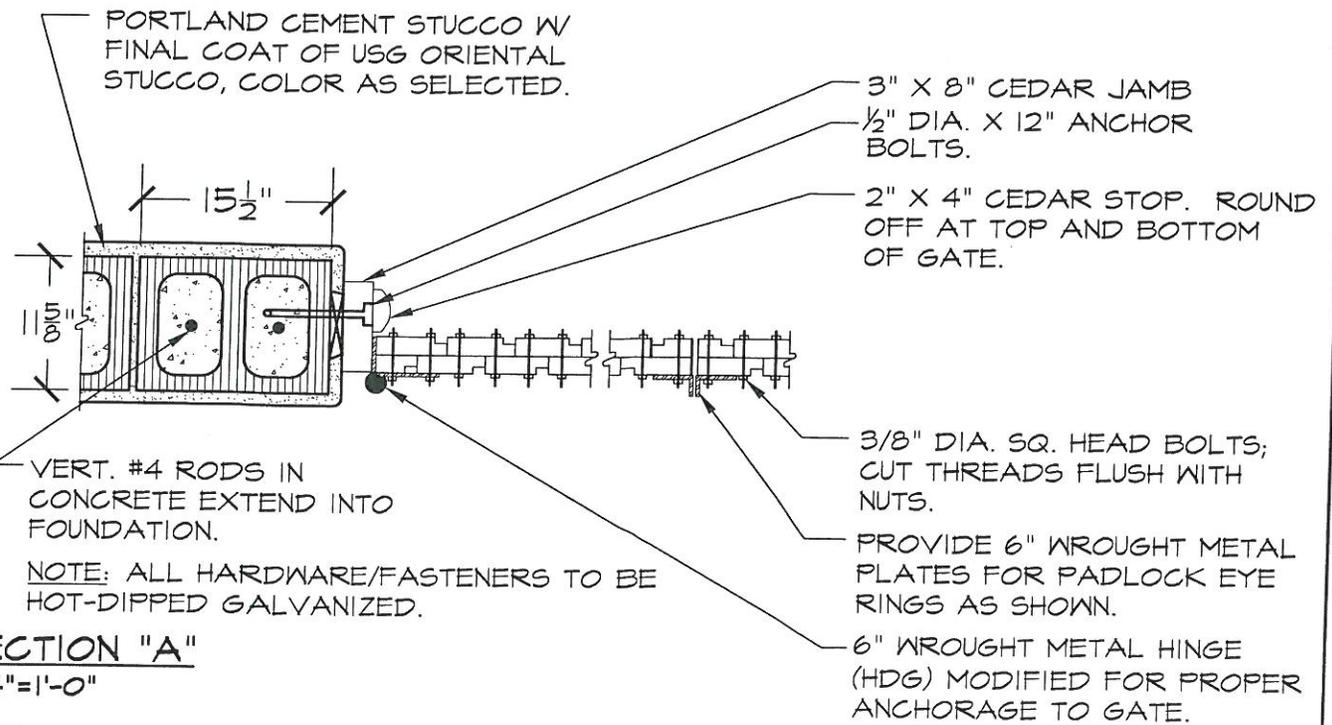
APPROVED BY:

DRAWING #: B-9



**REAR ELEVATION**

1/4" = 1'-0"



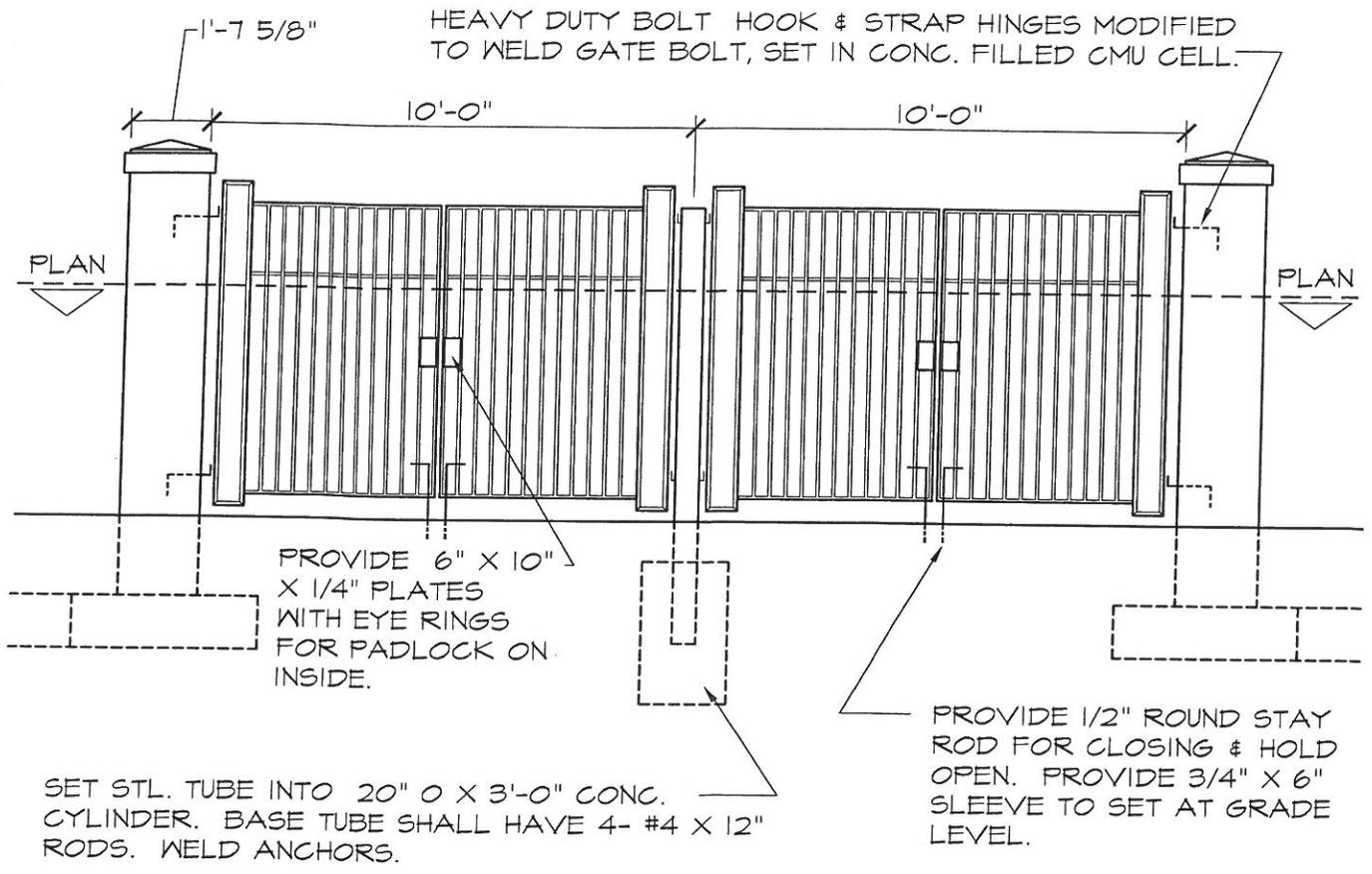
**SECTION "A"**

3/4" = 1'-0"



**WOODEN ENTRY GATE**

SCALE: AS SHOWN	DRAWN BY:	REVISED:
DATE:	APPROVED BY:	DRAWING #: B-10

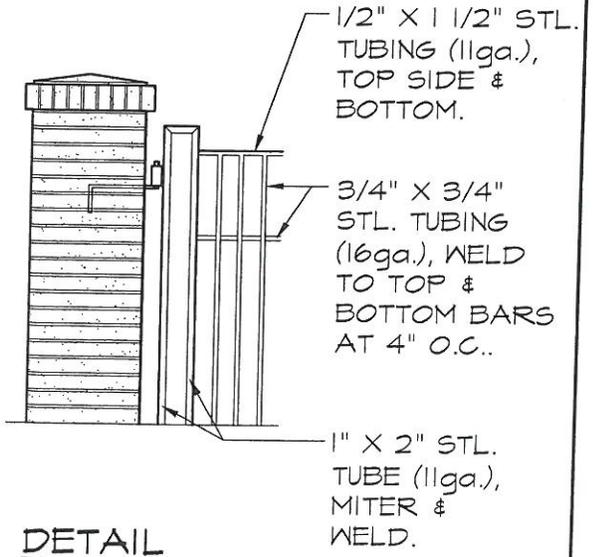
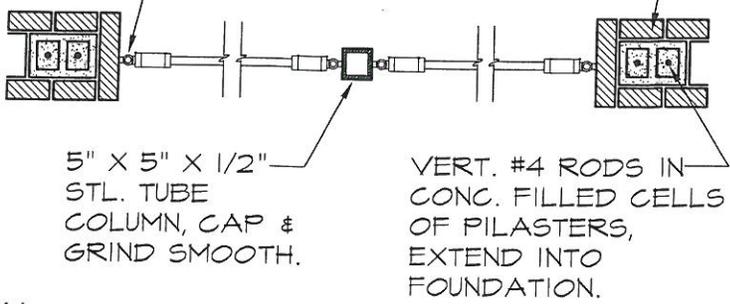


**ELEVATION**

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

HEAVY DUTY BOLT HOOK & STRAP HINGES MODIFIED TO WELD TO GATE BOLT, SET IN CONC. FILLED CMU CELL.

MODULAR BRICK, COLOR AS SELECTED, LAID IN RUNNING BOND W/ PORTLAND CEMENT GROUT TYPES (3:2:14) JOINT BETWEEN BRICK WALLS GROUT SOLID.



**PLAN**  
3/8"=1'-0"

**DETAIL**  
3/8"=1'-0"



**DOUBLE STEEL ENTRY GATE**

SCALE: AS SHOWN

DRAWN BY:

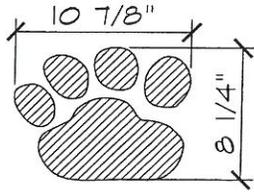
REVISED:

DATE:

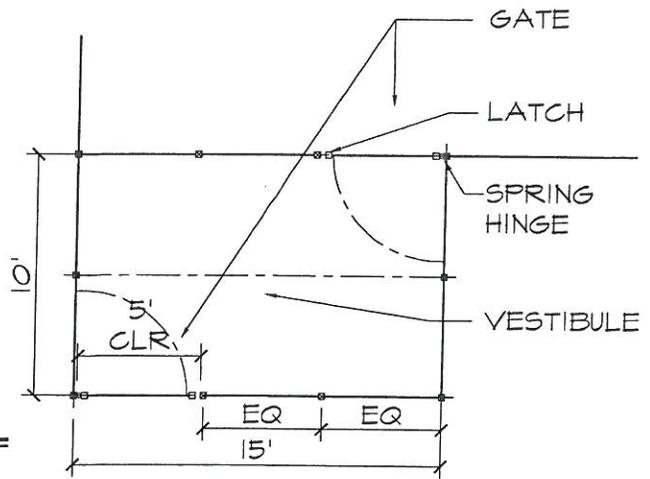
APPROVED BY:

DRAWING #: B-11

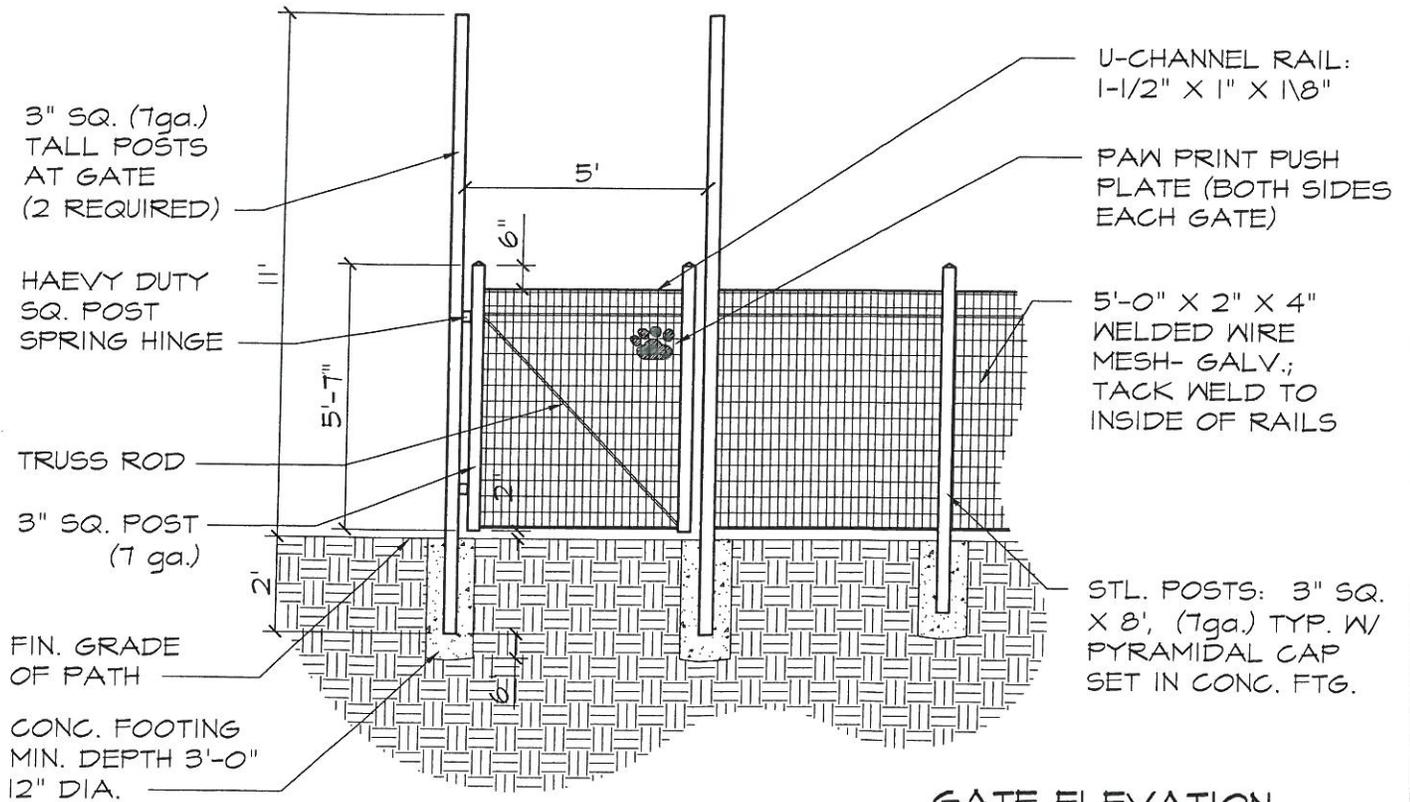
1/4" STL. PLATE,  
PLASMA CUT INTO  
SHAPES SHOWN &  
TACK WELD TO  
SCREENING. FOR  
FENCE  
APPLICATION  
PLACE 2 PAWS  
BACK TO BACK W/  
FENCING BETWEEN



**PUSH PLATE DETAIL**  
SCALE: 1" = 1'-0"



**VESTIBULE PLAN**  
SCALE: 1/8" = 1'-0"



**GATE ELEVATION**  
SCALE: 1/4" = 1'-0"

\*DESIGNER REF. DT. B-8 FOR RELATED FENCE PANEL



**GATE AND VESTIBULE AT DOG PARK\***

SCALE: AS SHOWN

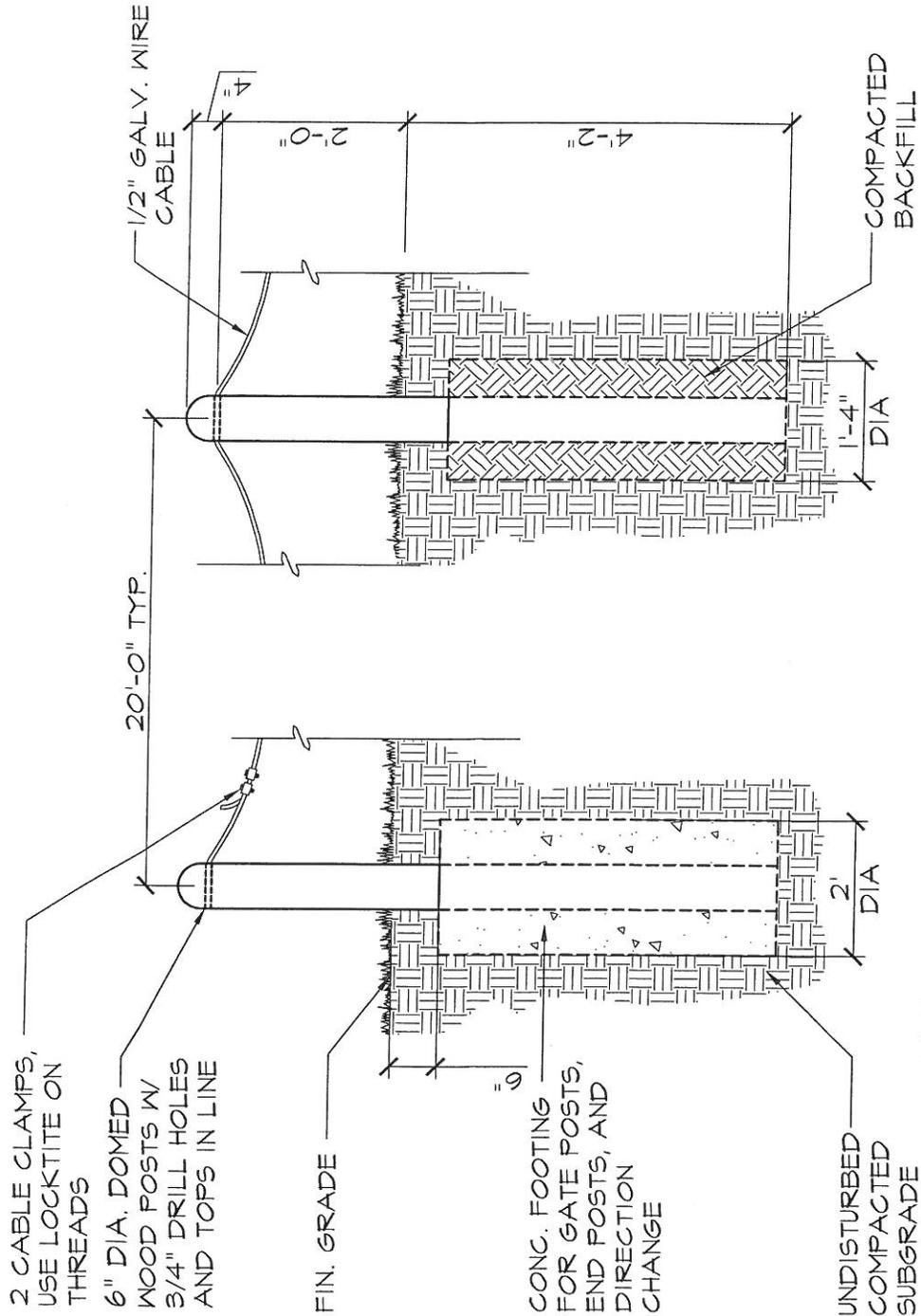
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-12



2 CABLE CLAMPS,  
USE LOCKTITE ON  
THREADS

6" DIA. DOMED  
WOOD POSTS W/  
3/4" DRILL HOLES  
AND TOPS IN LINE

FIN. GRADE

CONG. FOOTING  
FOR GATE POSTS,  
END POSTS, AND  
DIRECTION  
CHANGE

UNDISTURBED  
COMPACTED  
SUBGRADE

TYPICAL CORNER OR  
END POST

TYPICAL LINE POST



# WOOD POST AND CABLE BARRIER

SCALE: 1/2" = 1'-0"

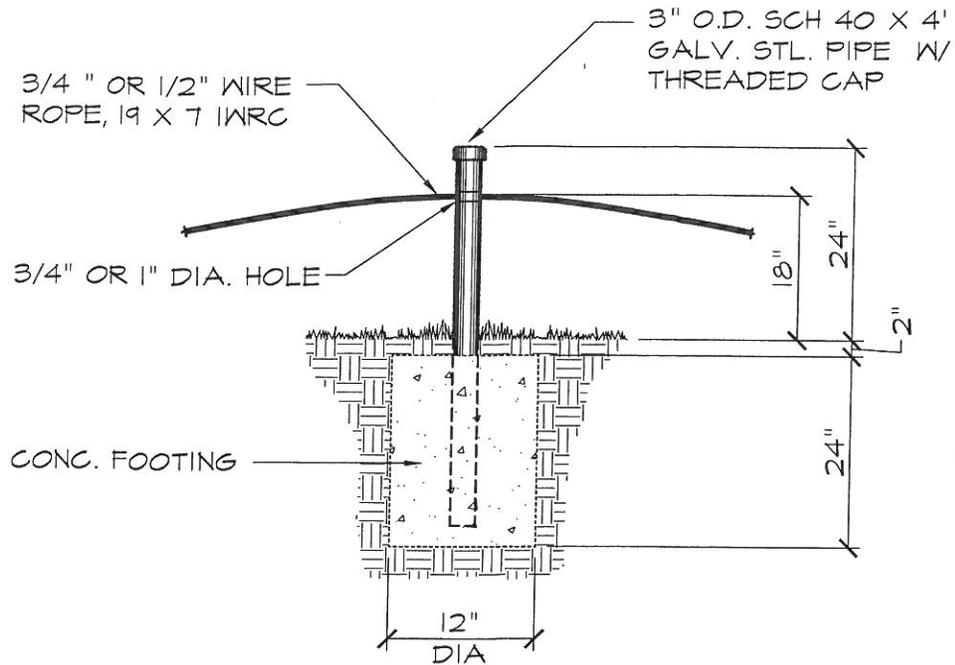
DRAWN BY:

REVISED:

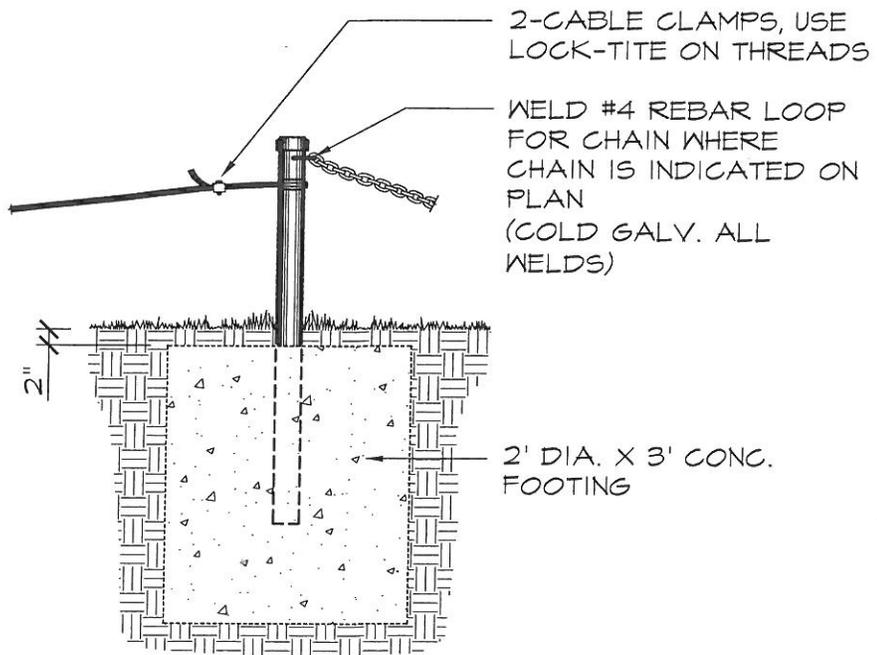
DATE:

APPROVED BY:

DRAWING #: B-13



TYPICAL LINE POST



TYPICAL CORNER OR END POST



STEEL POST AND CABLE FENCE

SCALE: 1/2" = 1'-0"

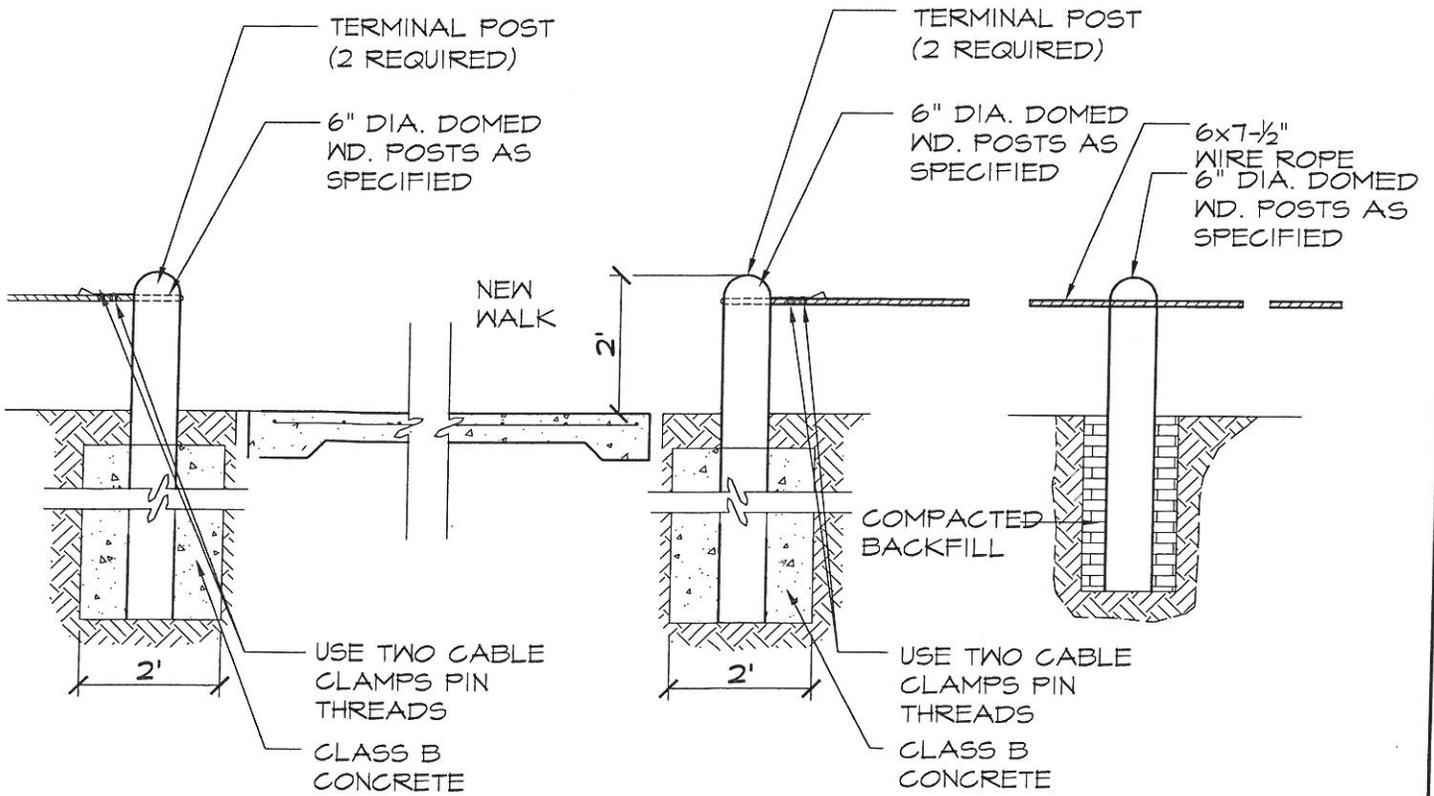
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-14



# WOOD POST & CABLE BARRIER- PASSAGE OPENING

SCALE: 3/8" = 1'-0"

DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-15

8" DIA. DOMED WD. POST (2 REQUIRED)

3/4" X LENGTH REQUIRED HDG. EYE BOLT, WASHER & NUT

1" HDG. CHAIN

TACK WELD TO SECURE NUT ONCE INSTALLED

PADLOCK BY OWNER

FIN. GRADE ASPHALT ROAD

TOPSOIL BACKFILL

CONCRETE FOOTING CLASS-B

COMPACTED/UNDISTURBED SUBGRADE

2'-0"

3'-0"

30" DIA.



# RETAINER CHAIN POST- VEHICULAR GATE

SCALE: 1" = 1'-0"

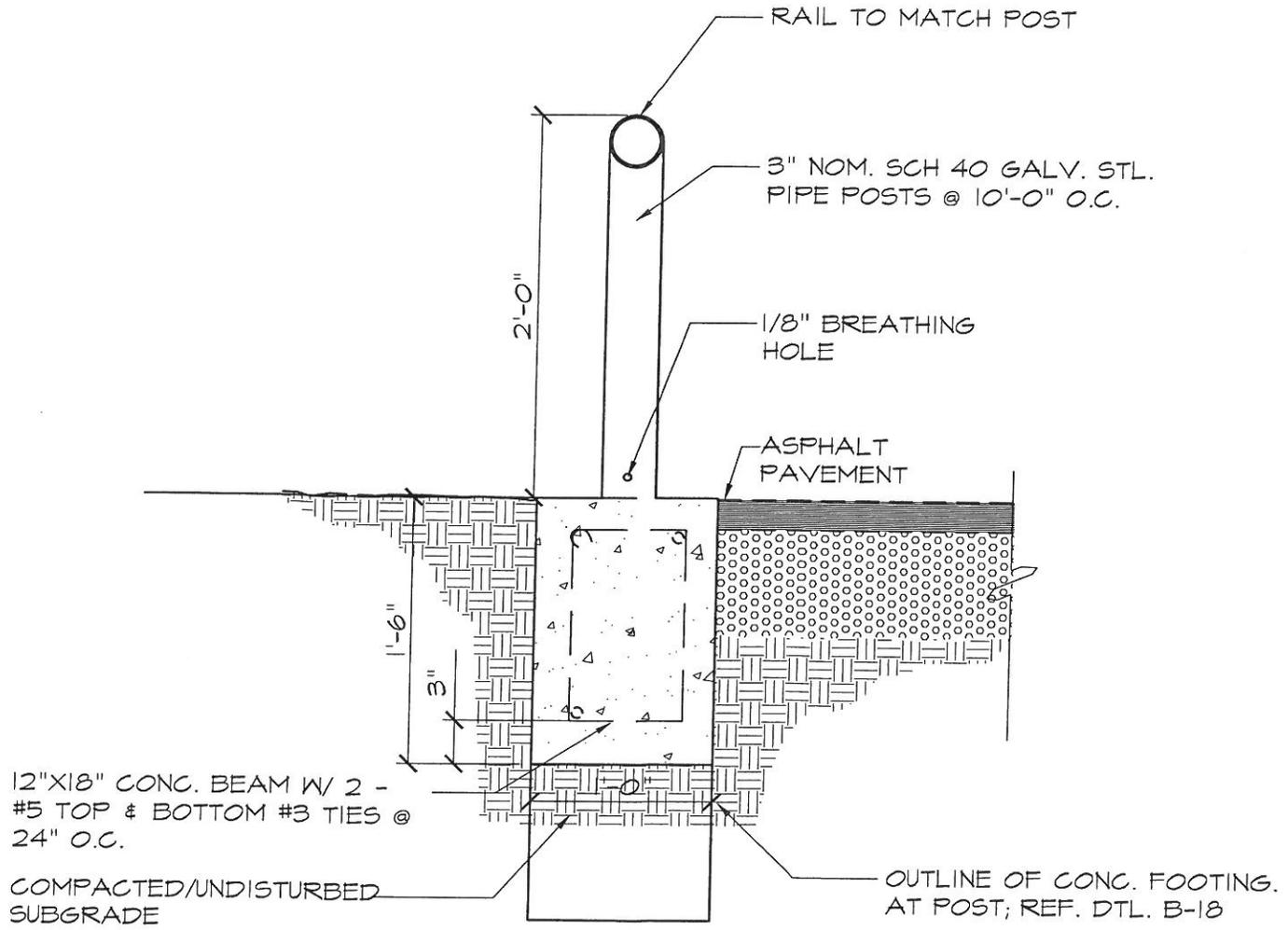
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-16



PAVEMENT RETAINER & BARRICADE



BARRICADE POST AND PAVEMENT RETAINER CURB

SCALE: 1" = 1'-0"

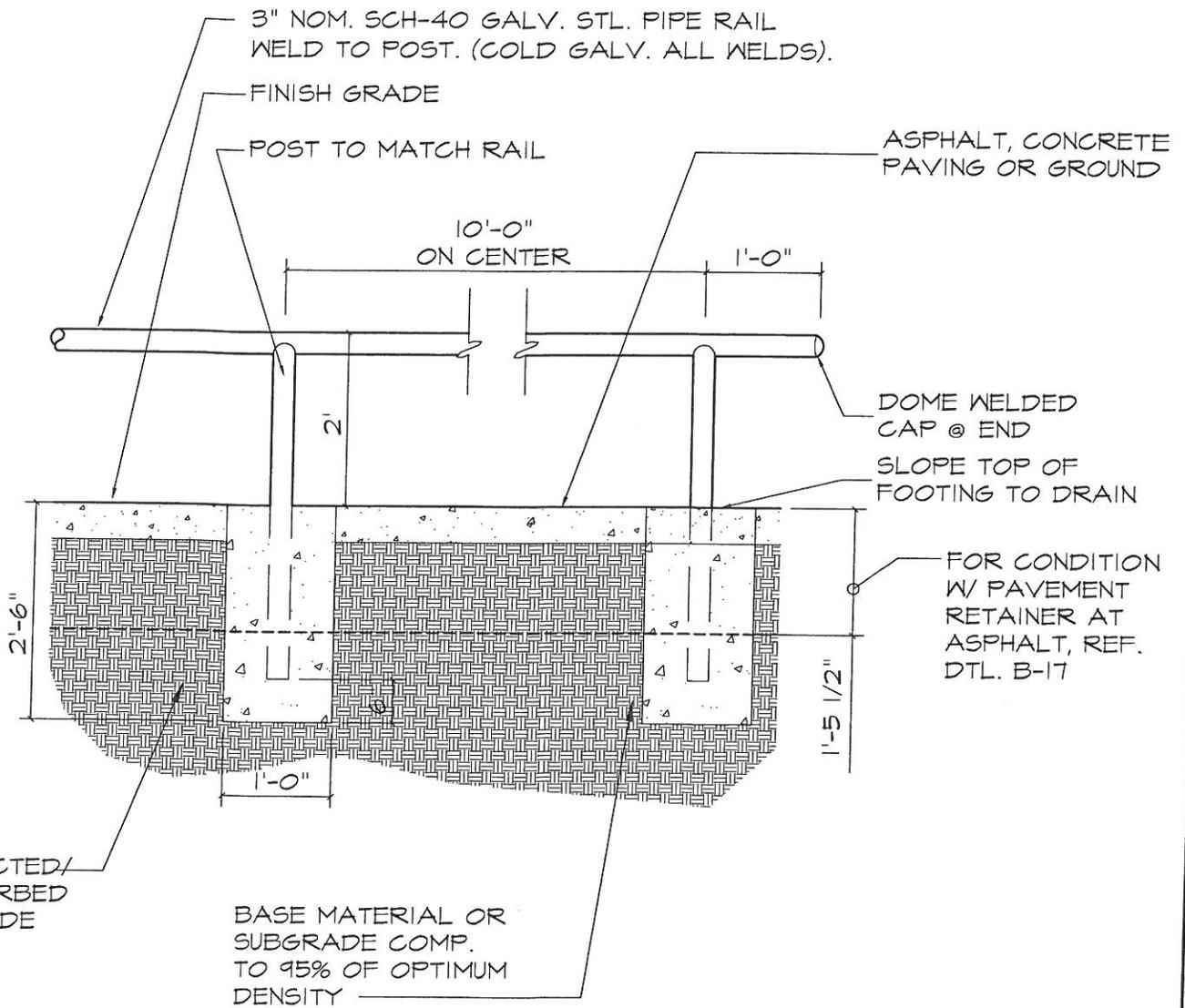
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-17



## PIPE RAIL BARRICADE

SCALE: 1/2" = 1'-0"

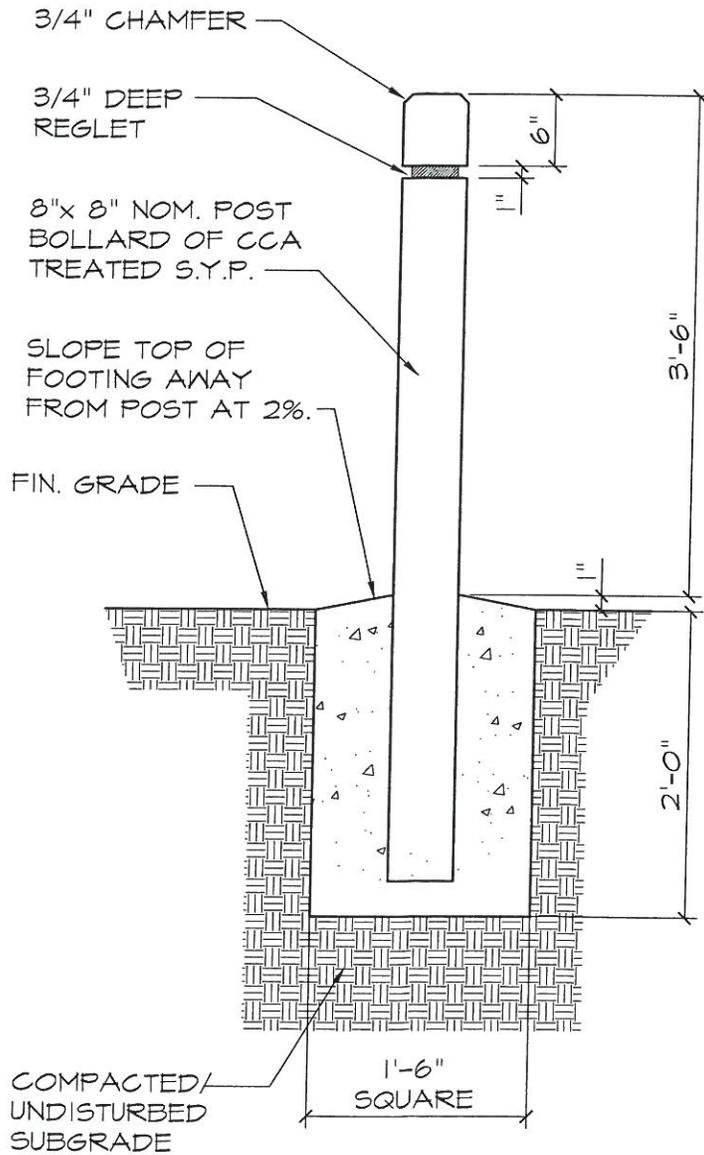
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-18



## DECORATIVE WOOD POST BOLLARD

SCALE: 3/4" = 1'-0"

DRAWN BY:

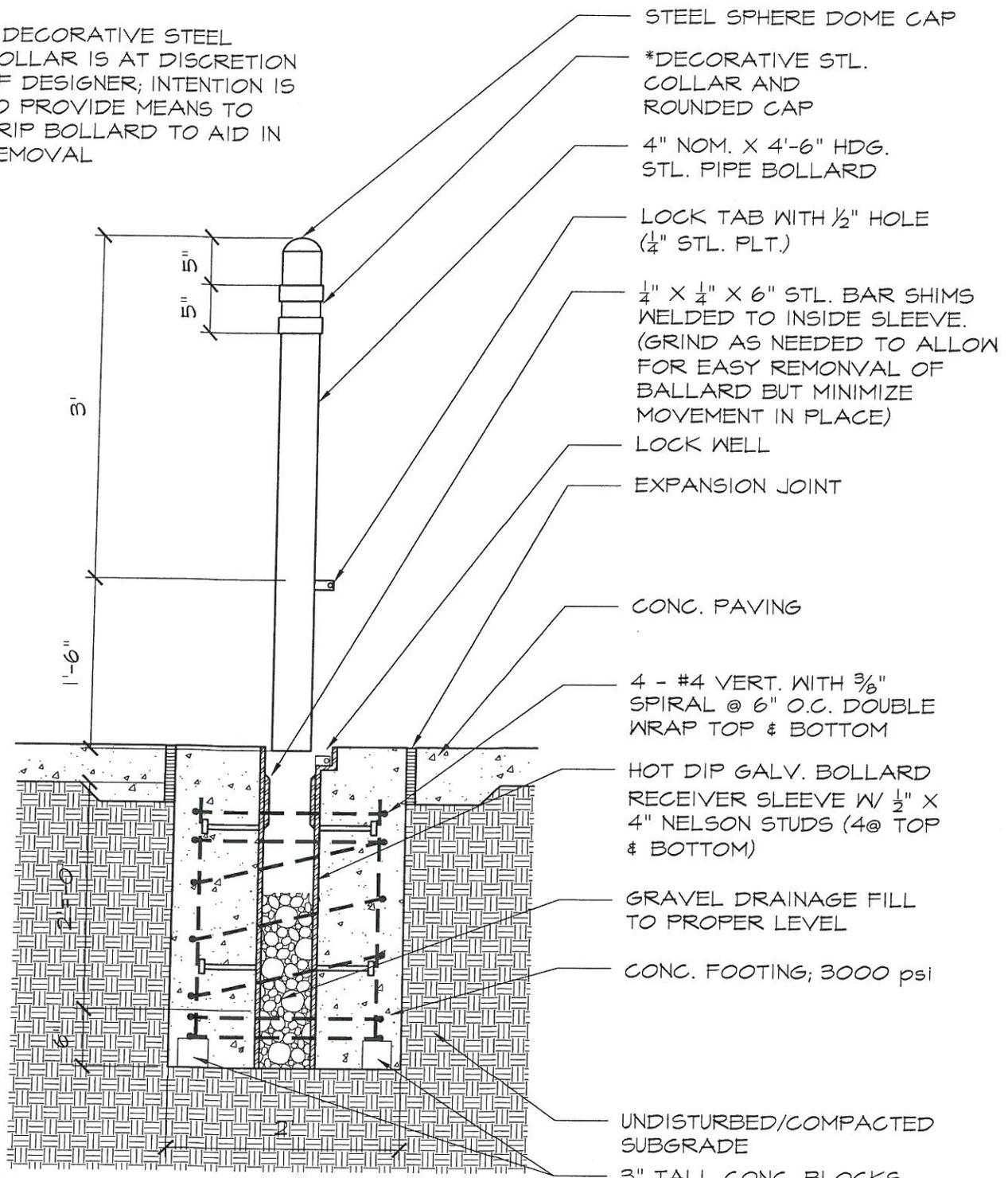
REVISED:

DATE:

APPROVED BY:

DRAWING #: B-19

\* DECORATIVE STEEL COLLAR IS AT DISCRETION OF DESIGNER; INTENTION IS TO PROVIDE MEANS TO GRIP BOLLARD TO AID IN REMOVAL



- STEEL SPHERE DOME CAP
- \*DECORATIVE STL. COLLAR AND ROUNDED CAP
- 4" NOM. X 4'-6" HDG. STL. PIPE BOLLARD
- LOCK TAB WITH 1/2" HOLE (1/4" STL. PLT.)
- 1/4" X 1/4" X 6" STL. BAR SHIMS WELDED TO INSIDE SLEEVE. (GRIND AS NEEDED TO ALLOW FOR EASY REMONVAL OF BALLARD BUT MINIMIZE MOVEMENT IN PLACE)
- LOCK WELL
- EXPANSION JOINT
- CONC. PAVING
- 4 - #4 VERT. WITH 3/8" SPIRAL @ 6" O.C. DOUBLE WRAP TOP & BOTTOM
- HOT DIP GALV. BOLLARD RECEIVER SLEEVE W/ 1/2" X 4" NELSON STUDS (4@ TOP & BOTTOM)
- GRAVEL DRAINAGE FILL TO PROPER LEVEL
- CONC. FOOTING; 3000 psi
- UNDISTURBED/COMPACTED SUBGRADE
- 3" TALL CONC. BLOCKS

**NOTES:**

1. BOLLARD, SLEEVE AND LOCKWELL TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION
2. ALL WELDS TO BE CONTINUOUS AND GROUND SMOOTH
3. STATIONARY BOLLARDS SIMILAR WITHOUT REINFORCING IN FOOTING



**REMOVABLE PIPE BOLLARD**

SCALE: 3/4" = 1'-0"

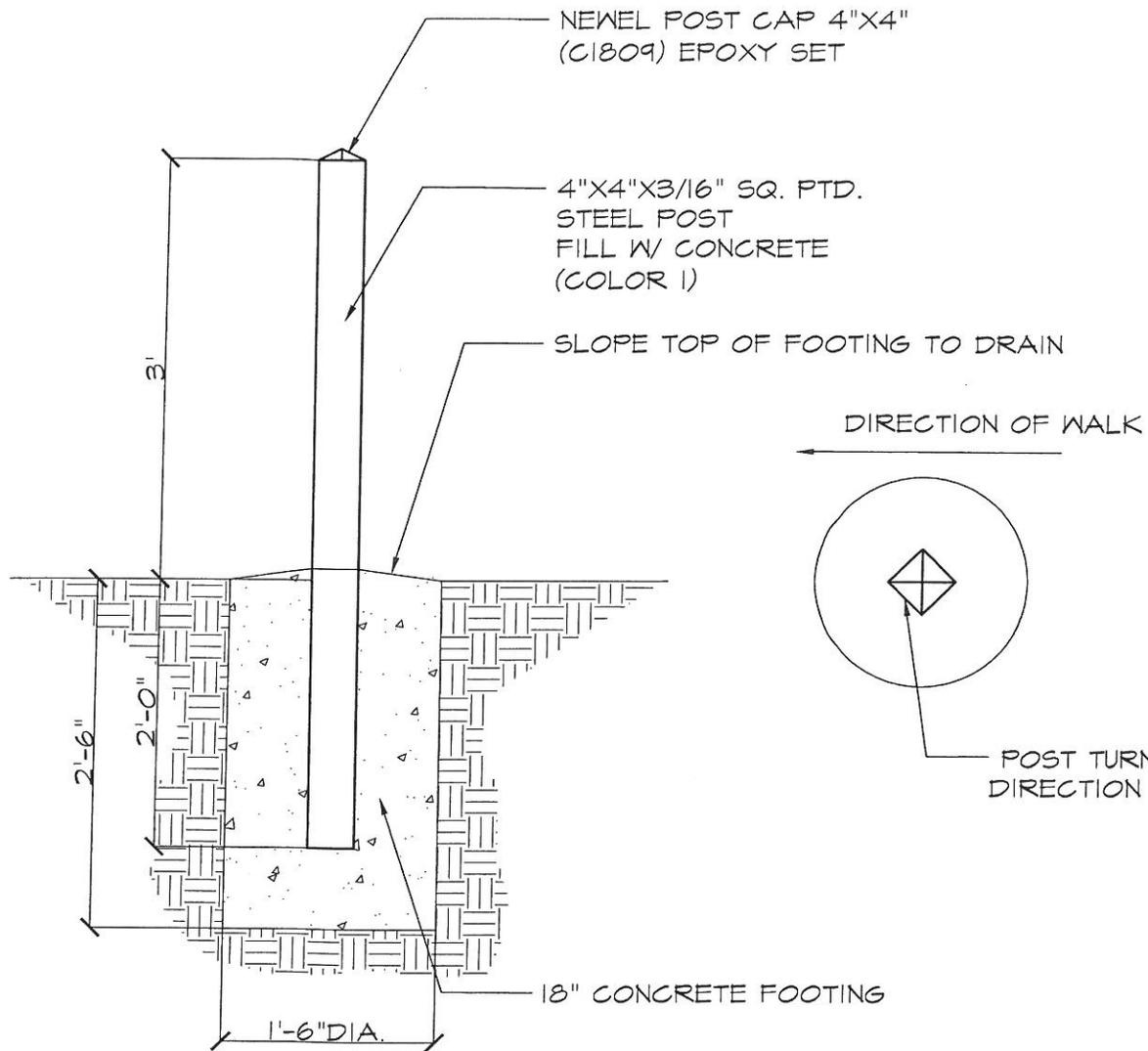
DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-20



BOLLARD TYPE 2

SCALE: 3/4" = 1'-0"

DRAWN BY:

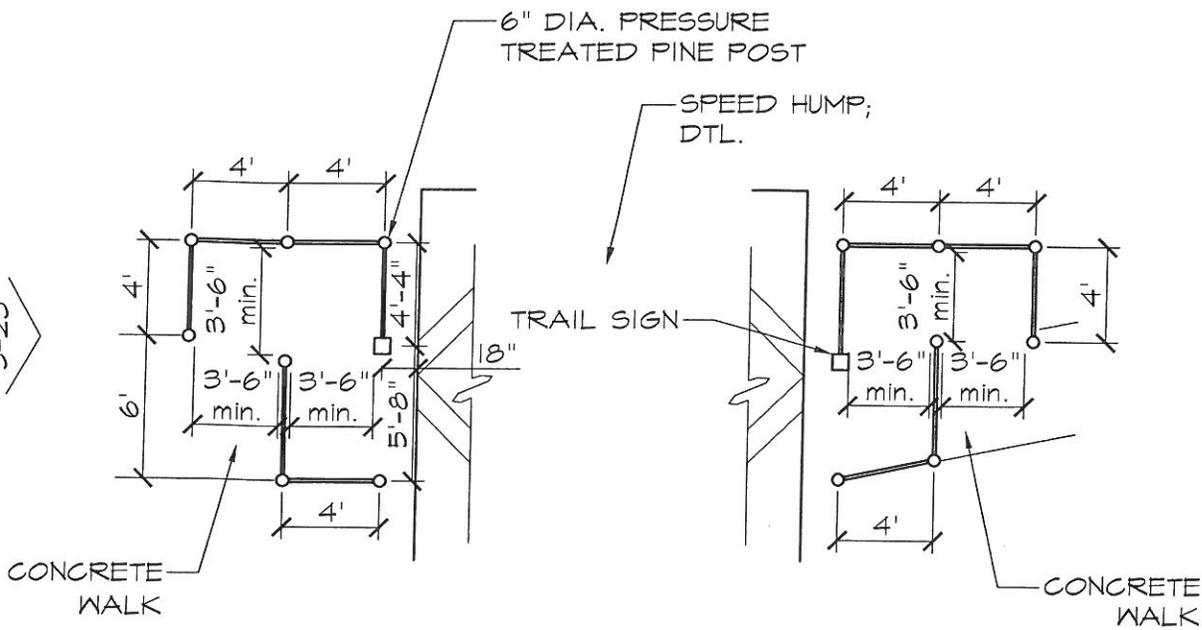
REVISED:

DATE:

APPROVED BY:

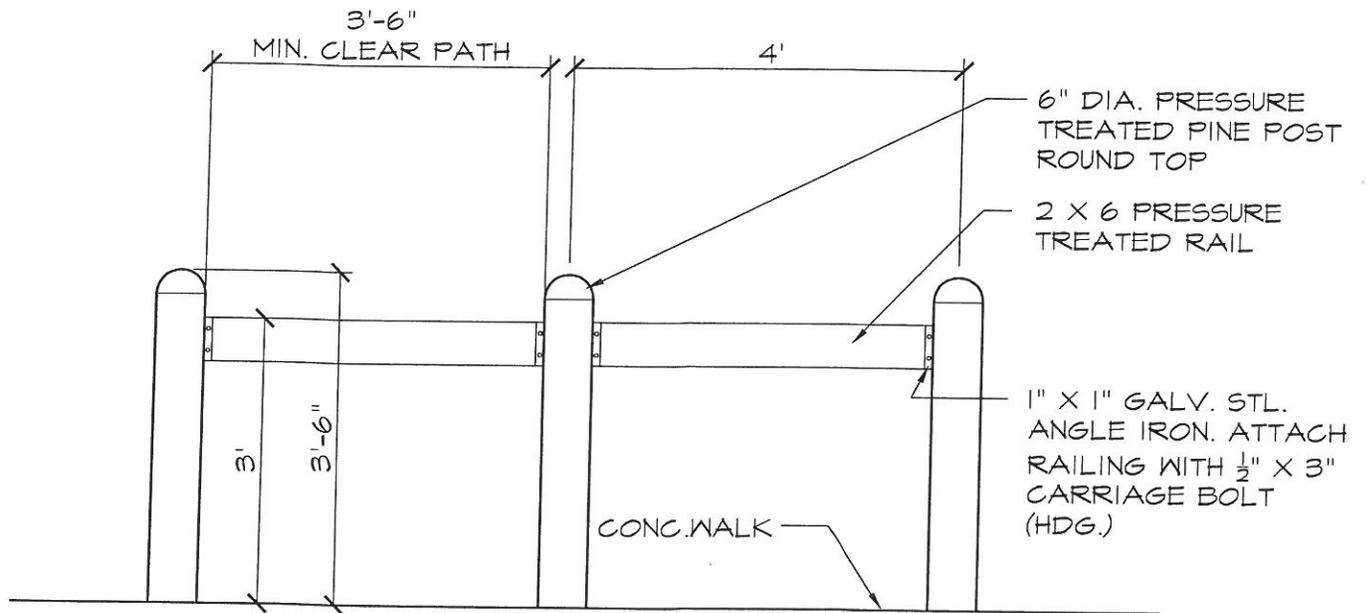
DRAWING #: B-21

ELEVATION  
5-23



TRAIL ENTRY AT SPEED BUMP - PLAN

SCALE: 1/8" = 1'-0"	DRAWN BY:	REVISED:
DATE:	APPROVED BY:	DRAWING #: B-22



# TRAIL ENTRY AT SPEED BUMP - ELEVATION

SCALE: 1/8" = 1'-0"

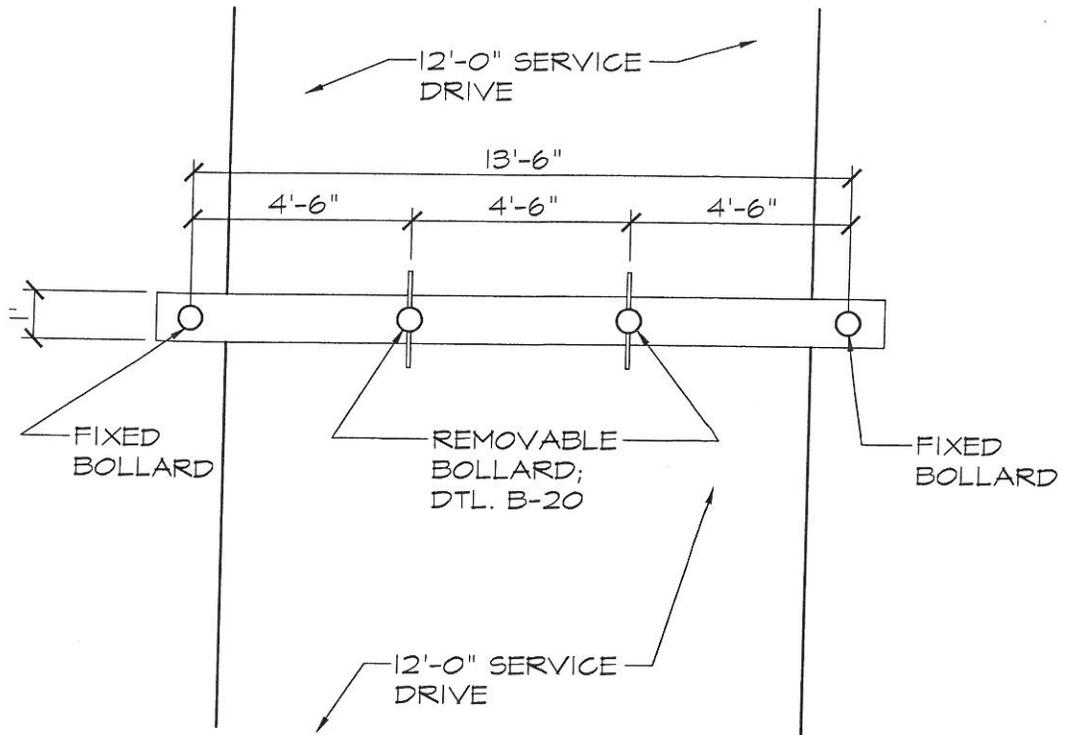
DRAWN BY:

REVISED:

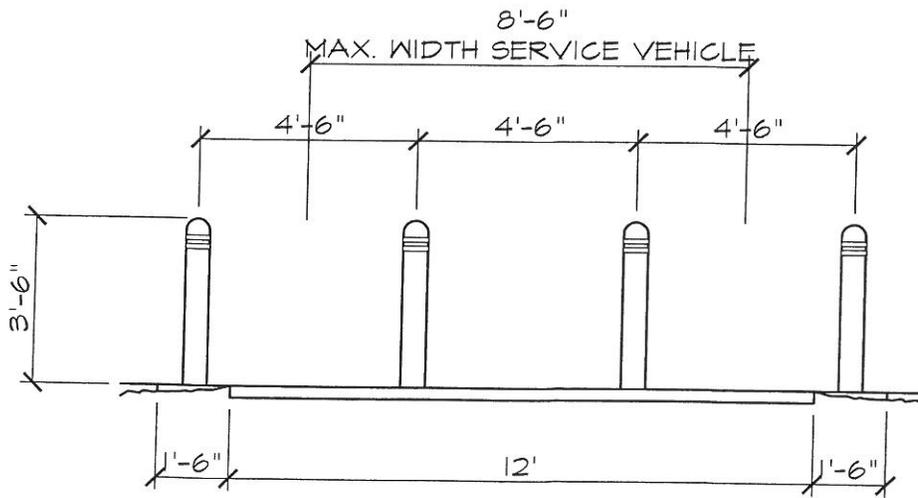
DATE:

APPROVED BY:

DRAWING #: B-23



PLAN



ELEVATION



# BOLLARDS AT SERVICE DRIVE

SCALE: 1/8" = 1'-0"

DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-24

WELD 6.35mm STL. PLATE TO TOP OF SUPPORT POST AFTER GATE INSTALLATION

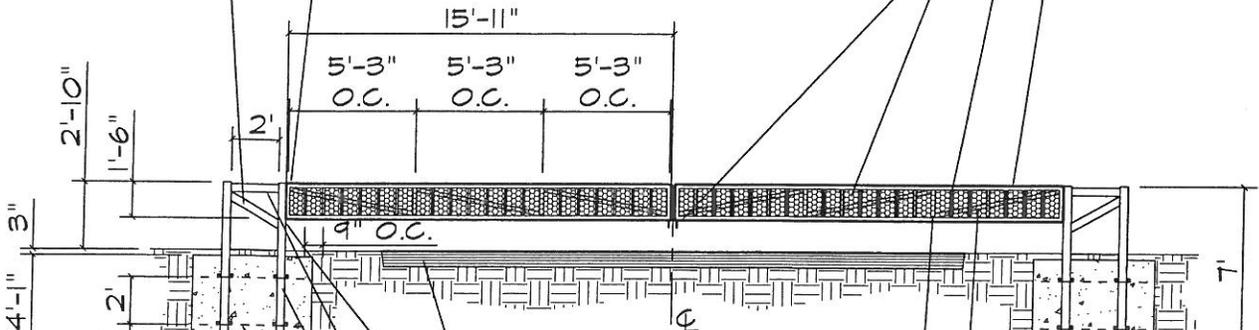
3" x 2" x 3/16" PAINT BLACK

FRAME TO BE OF 3" x 2" x 3/16" PAINT BLACK

1" x 1" x 13 ga. 9" O.C. PAINT BLACK

PERFORATED SCREEN

3" x 3" x 1/4" PLATE WITH 8" LENGTH OF 4/0 STRAIGHT LINK MACHINE CHAIN WELDED TO PLATE



PAVEMENT

2 - 7 3/4" BARREL HINGES

4" x 4" x 1/4" PAINT BLACK

4" x 4" x 1/4" (TYP.)

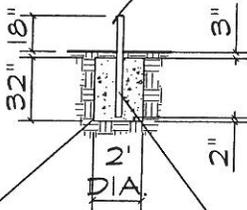
2500 PSI CONCRETE FOOTING

#5 x 2' REBAR ANCHORS WELDED TO 4" x 4"

3" x 2" x 3/16", PAINT BLACK

2" x 2" x 1.45 ga. PAINT COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT

3" x 3" x 1/4" STEEL PLATE WITH 3" LENGTH OF 4/0 STRAIGHT LINK MACHINE CHAIN WELDED TO PLATE



CONC. FOOTING

3" x 3" x 1/4"; FILL W/ CONC. & SLIGHTLY MOUND AT TOP

**LOCK OPEN POST**

**NOTES:**

1. SHOP DRAWINGS OF ALL METAL WORK ARE REQ'D.
2. CONTRACTOR MAY BE DIRECTED TO OTHER VEHICULAR GATES, SIM. TO THOSE ABOVE, IN USE IN SAN ANTONIO PARKS & REC. DEPT. FACILITIES, AS EXAMPLES FOR THE FABRICATION OF VEHICULAR SWING GATES.



**SWING GATE AT ENTRY DRIVE**

SCALE: 1/8" = 1'-0"

DRAWN BY:

REVISED:

DATE:

APPROVED BY:

DRAWING #: B-25