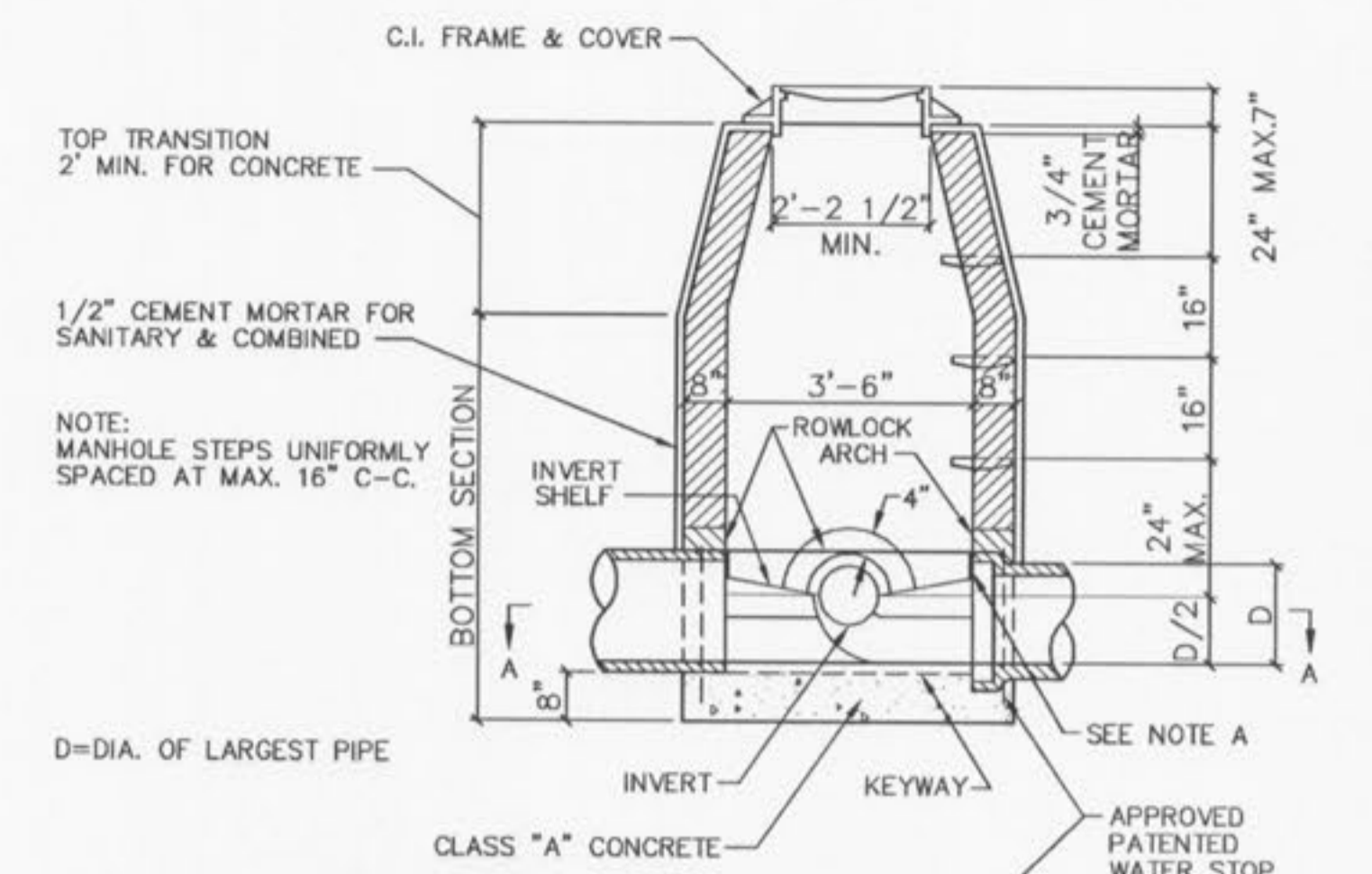


END OR CORNER PANEL      LINE PANEL  
**TYPICAL 6' CHAIN LINK FENCE**  
 N.T.S.

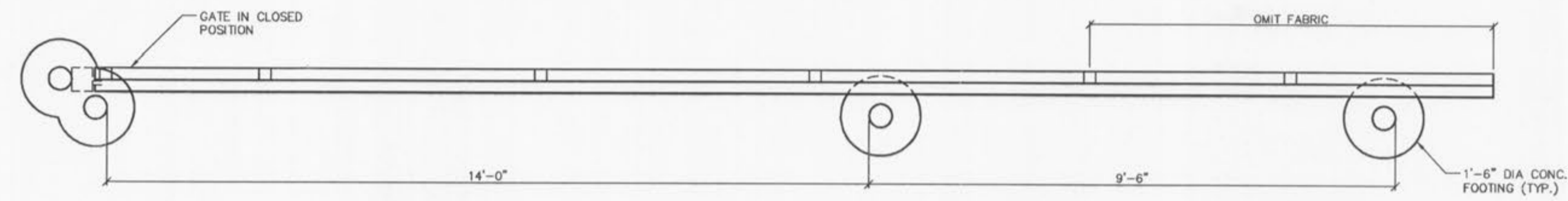
NOTE:  
 INSTALL SIGHT PROOF MESH, CLOSED MESH POLY 700, BY FENCE SCREEN, LAKE FOREST CA. OR CITY OF O'FALLON APPROVED EQUAL.  
 COLOR TO BE SPECIFIED BY OWNER.

SEEDING RATES:  
 Permanent:  
 Tall Fescue - 80 lbs./ac.  
 Smooth Brome - 100 lbs./ac.  
 Combined: Fescue @40 lbs./ac. and Brome @50 lbs./ac.  
 Temporary:  
 Wheat or Rye - 150 lbs./ac. (3.5 lbs. per 1000 sq. ft.)  
 Oats - 120 lbs./ac. (2.75 lbs. per 1000 sq. ft.)  
 SEEDING PERIODS  
 Fescue or Brome      March 1 to June 1  
                                  August 1 to October 1  
 Wheat or Rye      March 15 to November 1  
 Oats      March 15 to September 15  
 MULCH RATES: 100 lbs. per 1000 sq.ft.(4,356 lbs. per acre)  
 FERTILIZER RATES: Nitrogen 30 lbs./ac.  
                                  Phosphate 30 lbs./ac.  
                                  Potassium 30 lbs./ac.  
                                  Lime 600 lbs./ac. ENM\*  
 \*ENM = effective neutralizing material as per State evaluation of quarried rock.

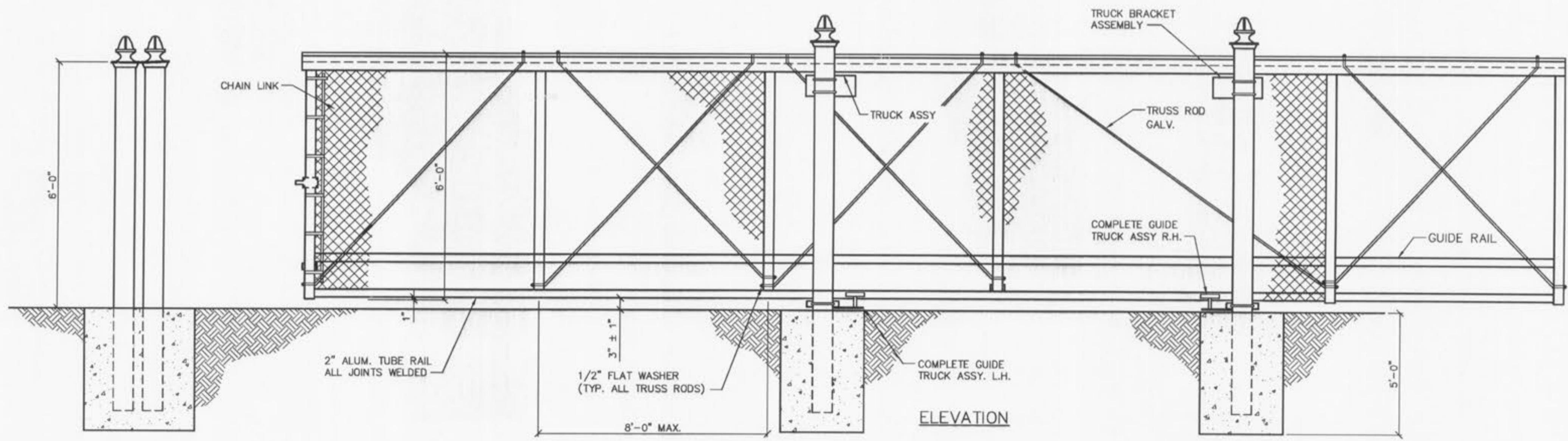


SECTION OF MANHOLE	DIMENSION
TOP TRANSITION	UPPER 2'-2 1/2" DIA. LOWER 3'-6" DIA.
BOTTOM SECTION	8" THRU 24" DIA. PIPE 3'-6" DIA.
BOTTOM SECTION	27" THRU 36" DIA. PIPE 3'-6" SQUARE

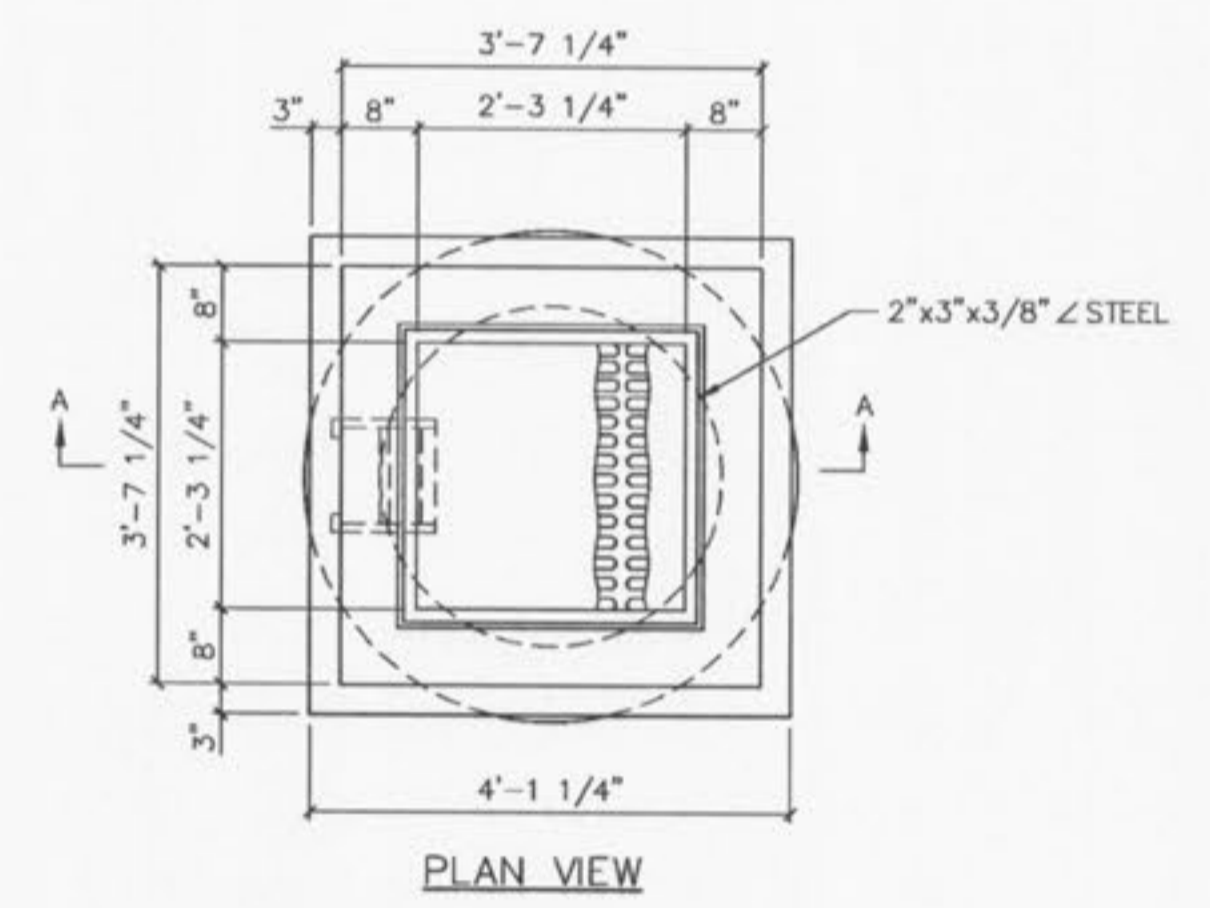
**TYPICAL MANHOLE FOR SEWER 8"-24"**  
 N.T.S.  
 NOTE: PRE-CAST MANHOLE ACCESS COVERS WILL NOT BE PERMITTED. CAST IRON ACCESS COVERS ONLY WILL BE ALLOWED.



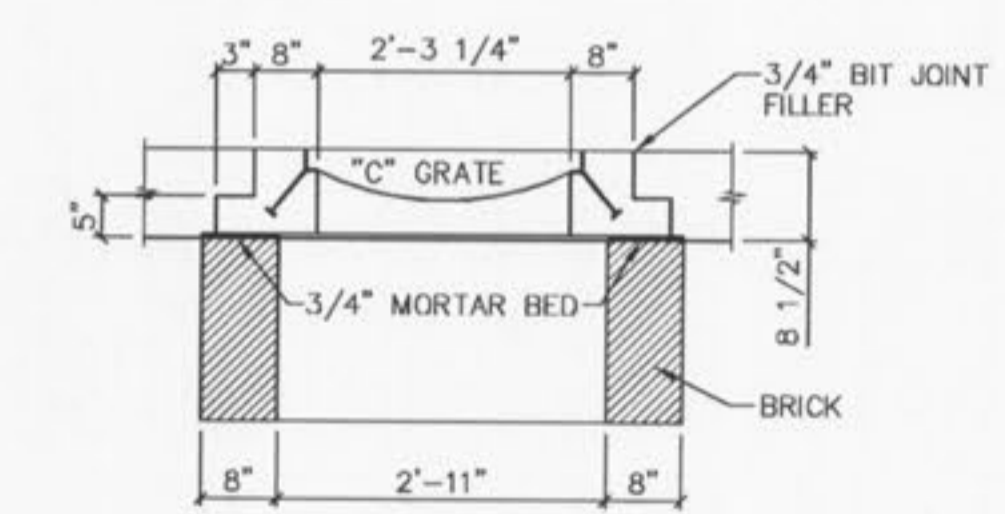
PLAN VIEW



**14' CHAIN LINK SLIDING GATE**  
 N.T.S.



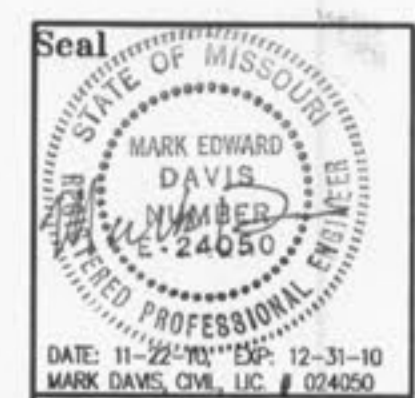
PLAN VIEW



SECTION A-A

**2 GRATE INLET**  
 N.T.S.

A 5/8" DIAMETER TRASH BAR SHALL BE CENTERED WITHIN THE OPENING(S) OF ALL INLETS.



DATE: 11-22-2010  
 PROJECT: 2010003-00  
 THE STATE OF MISSOURI DEPARTMENT OF PROFESSIONAL REGULATION (DPR)  
 License No. Engineer: 00103  
 License No. Architect: 000620  
 License No. Survey: 000336  
 This document is only part of the total contract and/or construction document package. Other documents could contain information that may not be depicted here. The general contractor is responsible to provide all bidders with all information and documents pertaining to the complete scope of work.  
 The seal(s) and signature(s) apply only to the document to which they are affixed, and expressly disclaim any responsibility for all other plans, specifications, estimates, reports or other documents or instruments relating to or parts of the Architectural or Engineering project.

**PM/CM Services**  
**Environmental**  
 464 North Milwaukee  
 Chicago, Illinois 60610  
 (312) 884-5100  
 800 South Vandewater  
 St. Louis, Missouri 63110  
 (314) 534-1030  
**Engineering**  
**Architecture**  
**Surveying**  
 804 Ebers Blvd., Suite 650  
 Irving, Texas 75065  
 (972) 967-3400



revisions number	date

**DETAILS**  
**SAK CONSTRUCTION**  
**SITE IMPROVEMENTS**  
 864 HOFF ROAD  
 O'FALLON, MISSOURI

date 11-22-2010  
 job no. 2010003-00  
 ds. dr. ck.  
 sheet no.