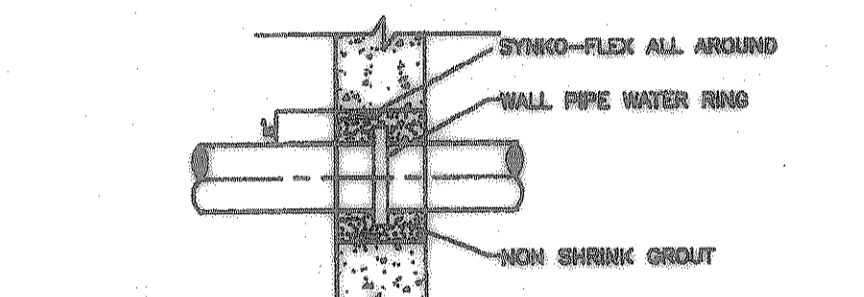
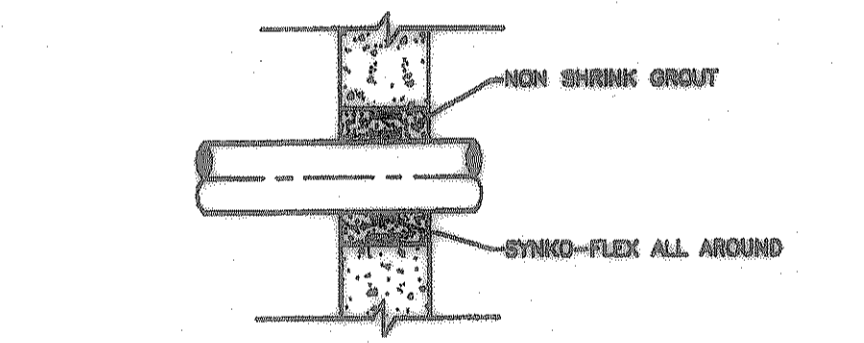


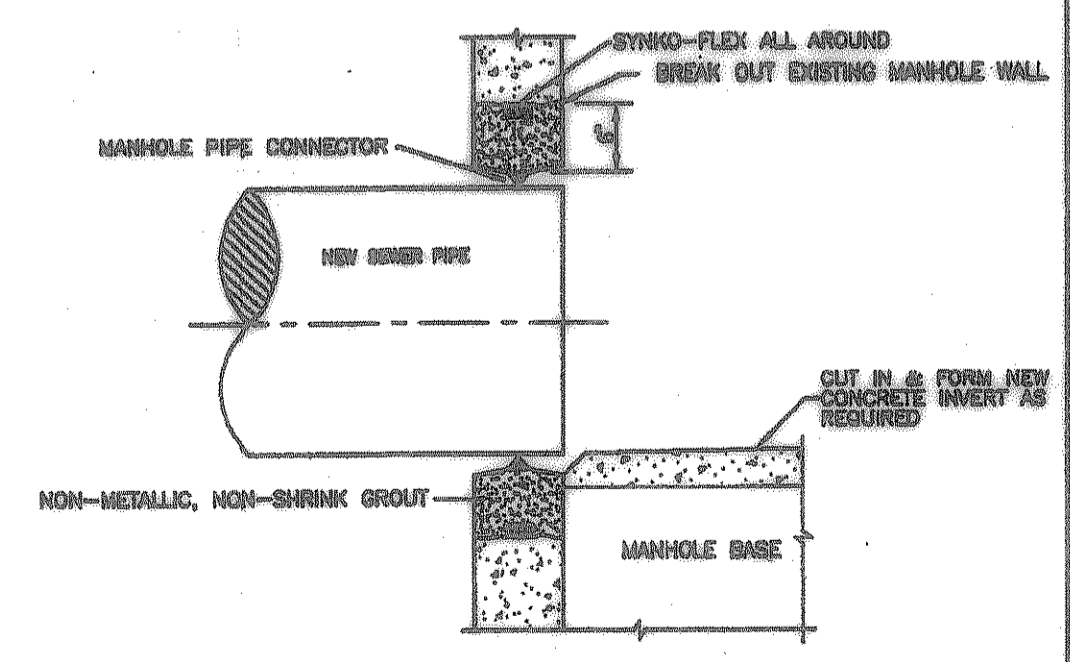
① PIPE PENETRATION DETAIL
NO SCALE (FOR PIPES 3" I.D. OR SMALLER)



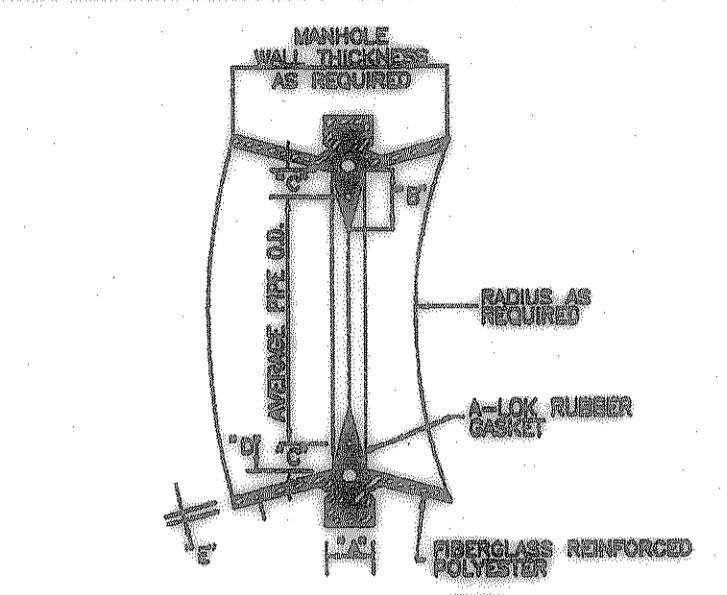
② RING WALL PIPE PENETRATION DETAIL
NO SCALE (PIPES 4" OR LARGER)



③ PIPE PENETRATION DETAIL
NO SCALE (WITHOUT WALL PIPE)

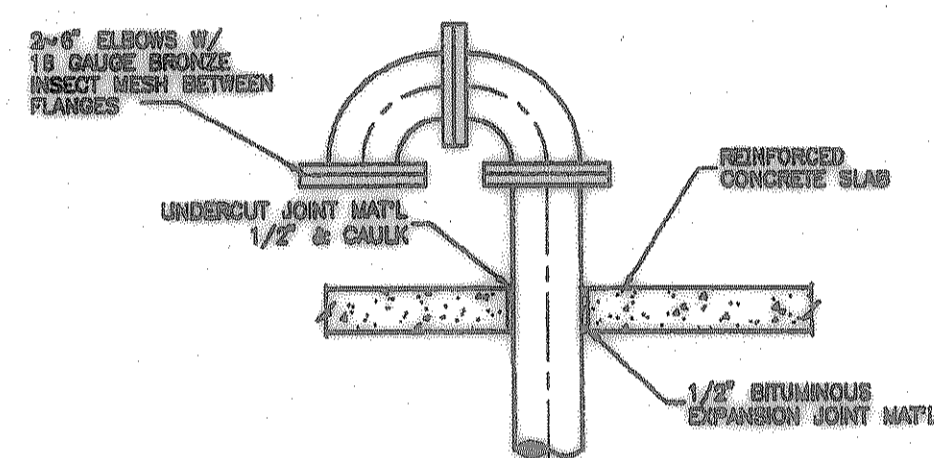


④ PIPE CONNECTION TO WET WELL MANHOLE - OPTION 1
NO SCALE

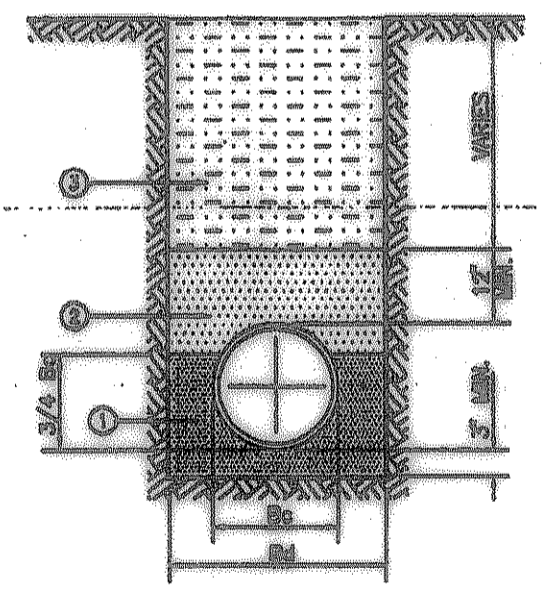


⑤ MANHOLE PIPE CONNECTOR FOR CONNECTION TO EXISTING WET WELL - OPTION 2
NO SCALE

PIPE SIZE	A	B	C	D	E
8" - 24"	2 1/4"	1 3/4"	9/4"	10"	0.100"

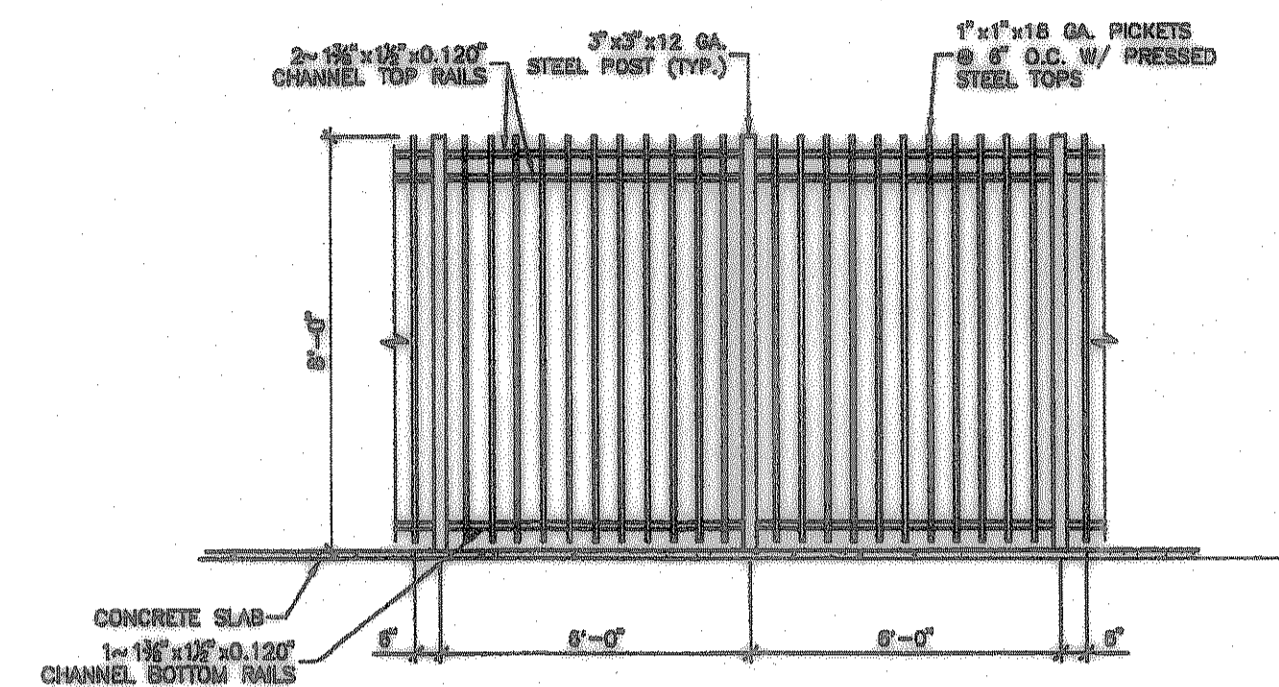


⑥ PIPE PENETRATION THROUGH FLOOR DETAIL
(PIPES 4" OR LARGER)
NO SCALE

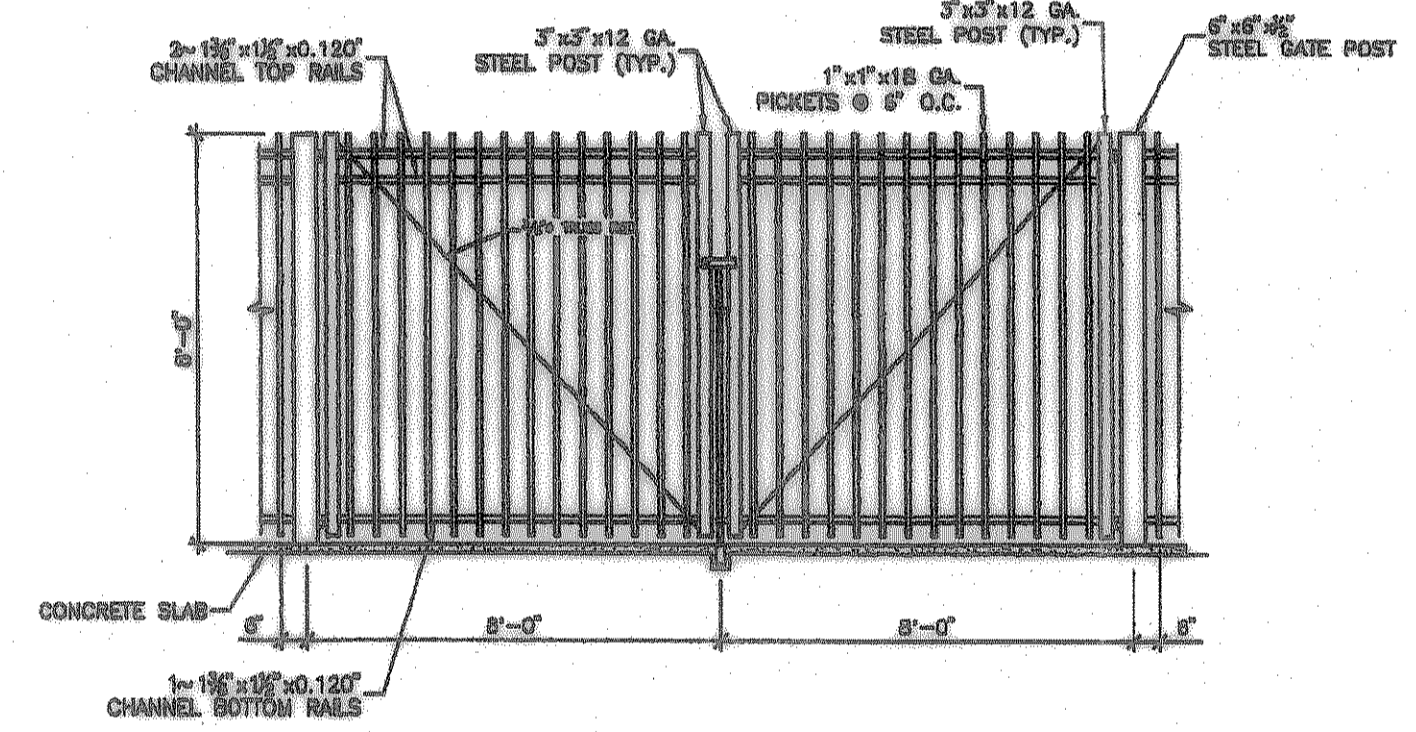


⑦ CLASS "B-2" EMBEDMENT
NO SCALE

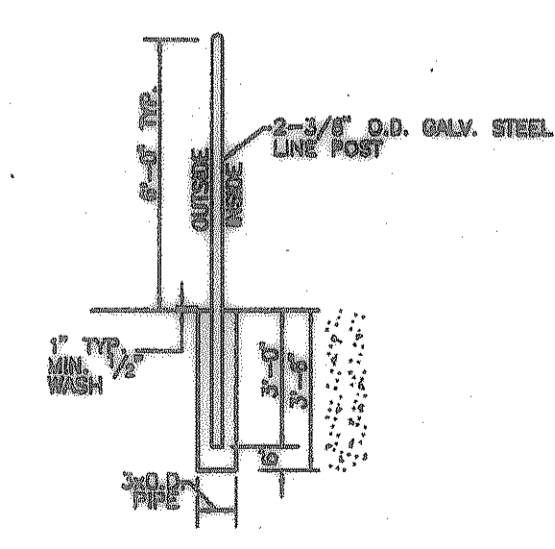
- FINE GRADATION CRUSHED STONE - TOP LAYER IS TO BE PLACED TO GRAB TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES.
- GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 95% STANDARD PROCTOR DENSITY. UNDER STRUCTURES, ROADWAYS AND PAVEMENT, BACKFILL WITH SAND AND COMPACT TO 95% STANDARD PROCTOR DENSITY.
- USE FOR ALL PIPING ON THIS PROJECT.



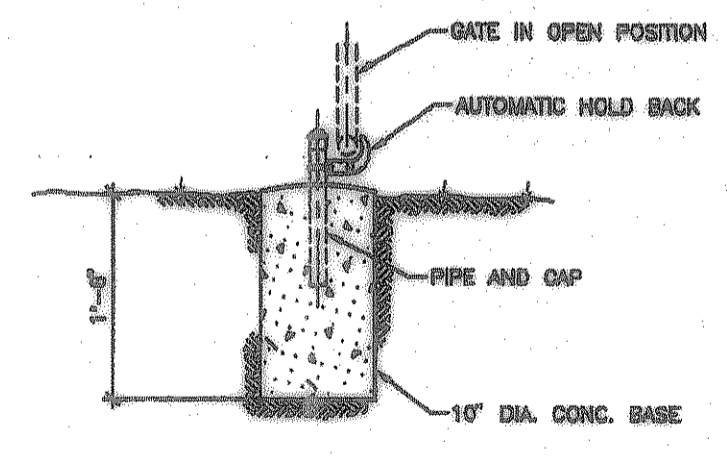
⑧ TYPICAL WELDED STEEL FENCE SECTION
SCALE: 3/32"=1'-0"



⑨ WELDED STEEL DOUBLE GATE DETAIL
SCALE: 3/32"=1'-0"



⑩ TYPICAL LINE POST
NO SCALE



⑪ TYPICAL HOLDBACK
NO SCALE

GENERAL NOTES

- ALL MATERIALS USED IN CONSTRUCTION OF THIS CHAIN LINK FENCE SHALL BE GALVANIZED AFTER FABRICATION.
- TOPS OF CONCRETE POST BASE ARE TO BE CROWNED & TOOLED SMOOTH.

BY: [Signature]
REVISION: [Signature]
DATE: 9/17/06
NO. 1
APPROVED FOR CITY OF ROCKWALL OR: [Signature]
DATE: 10/10/06
NO. 2
APPROVED FOR COUNTY OF ROCKWALL OR: [Signature]

FREEMAN HILLMAN, INC.
ENGINEER - ARCHITECT - PLANNER
10000 W. HICKORY STREET, SUITE 100
DALLAS, TEXAS 75241
TEL: 972.382.1111
WWW.FHILLMAN.COM

FONTANNA RANCH
FONTANNA LIFT STATION
LIFT STATION - MECHANICAL DETAILS



SCALE: AS NOTED
IF SHOP IS IN 1/2" X 1/4" FORMS, CHANGE TO 1/2" X 1/4" FORMS.
PROJECT No.: 06131
DATE: OCT. 2006
DESIGNED: DL
DRAWN: FM
CHECKED: FM
SHEET
L3
TOTAL SHEETS: 4

Lift Station Plan & Details
Fontanna Ranch
City of Rockwall, Rockwall County, Texas
Spring Haven Investments, Inc.
6700 Millwood Plaza Dr. • Suite 300 • Dallas, Texas 75206 • 972.382.1111
F.C. CUNY CORPORATION
82 Horizon Court • Heath, Texas 75032 • 469-402-7700

Drawn By:	Checked By:	Date:	Scale:	Project No.:	Sheet No.:
DL	FM	10/10/06	No Scale	06-013	35 of 45