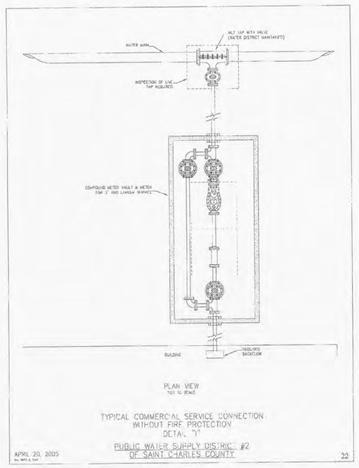
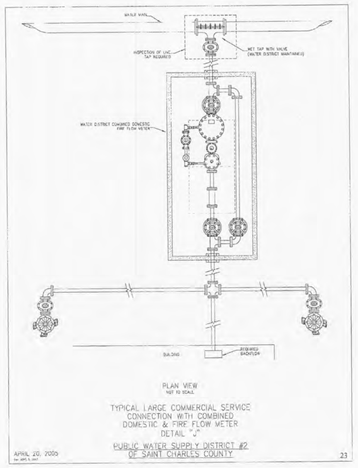


PLAN VIEW
NOT TO SCALE

TYPICAL COMMERCIAL SERVICE CONNECTION
WITHOUT FIRE PROTECTION
DETAIL "I"

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 — 22

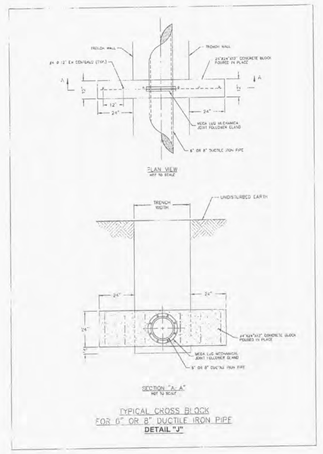


PLAN VIEW
NOT TO SCALE

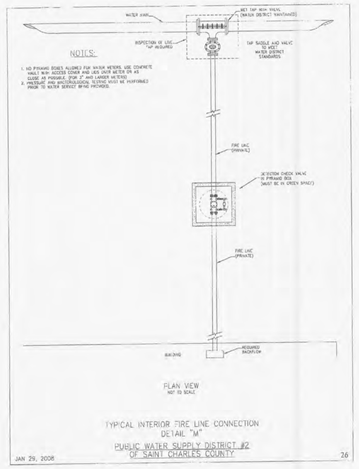
TYPICAL LARGE COMMERCIAL SERVICE
CONNECTION WITH COMBINED
DOMESTIC & FIRE FLOW METER
DETAIL "J"

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 — 23



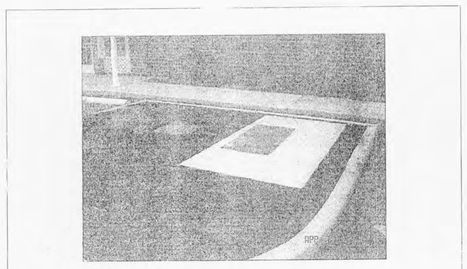
TYPICAL CROSS BLOCK
FOR 6" OR 8" DUCTILE IRON PIPE
DETAIL "J"



TYPICAL INTERIOR FIRE LINE CONNECTION
DETAIL "M"

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

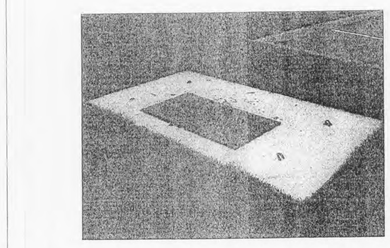
JAN 29, 2008 — 26



TYPICAL 3" OR LARGER
SERVICE METER BOX AND FIRE
PROTECTION BYPASS IN "GREEN SPACE"
EXISTING EXAMPLE PHOTO
DETAIL "K"
NOT TO SCALE

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

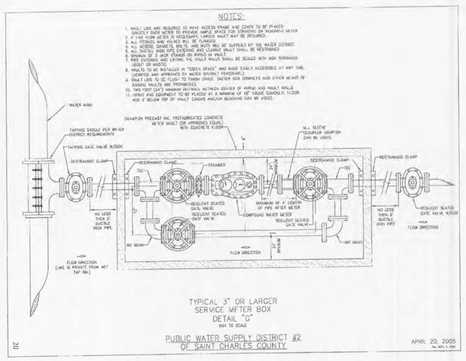
24 — APRIL 20, 2005



TYPICAL 3" OR LARGER
SERVICE METER BOX AND FIRE
PROTECTION BYPASS IN "GREEN SPACE"
EXISTING EXAMPLE PHOTO
DETAIL "L"
NOT TO SCALE

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

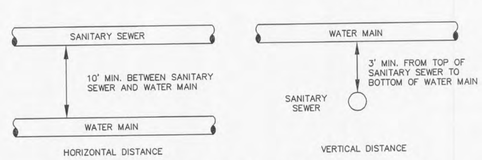
25 — APRIL 20, 2005



TYPICAL 3" OR LARGER
SERVICE METER BOX
DETAIL "G"
NOT TO SCALE

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

30 — APRIL 20, 2005



TYPICAL WATER AND SEWER SEPERATION

NOT TO SCALE

NOTE:
All water lines shall be laid at least 10 feet horizontally from any sanitary sewer or manhole. An 18" vertical clearance from outside of pipe to outside of pipe shall be maintained wherever water lines must cross sanitary sewers or laterals. The water line shall be laid at such an elevation that the bottom of the water line is above the top of the drain or sewer. A full length of water pipe shall be centered over the sewer line to be crossed so that the joints will be equally distant from the sewer and as remote therefrom as possible. This vertical separation shall be maintained for that portion of the water line located within 10 feet horizontally, of any sewer or drain it crosses.

ISSUE REMARKS/DATE

1	10-16-2012, INITIAL SUBMITTAL
2	11-29-2012, CITY COMMENTS
3	1-14-2013, CITY & DCSD COMMENTS
4	2-20-2013, CITY COMMENTS

PROJECT TITLE

BOARDWALK GARDENS

O'FALLON, MISSOURI

THE STERLING CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-sur.com
Corporate Certificate of Authority #001348

The Professional Engineer's seal and signature affixed to this sheet applies only to the specific revision dated on this sheet. All drawing, instruments or other documents not exhibiting this seal and signature shall not be considered prepared by this engineer, and the engineer expressly disclaims any and all responsibility for such plans, drawings or documents not exhibiting this seal and signature.

Date:
MICHAEL G. BOERDING
License No. E-28643
Civil Engineer

MCBRIDE RED HAWK, LLC
16091 SWINGLEY RIDGE ROAD, SUITE 300
CHESTERFIELD, MISSOURI 63017
PH. 636-537-2000
Contact: Jeff Boland

WATER DETAILS

P+Z No. 9831.34.09.01
City No.
Date: OCT.16, 2012
Job No. 12-05-128

Page No.

DTL-12

IMP

"Final Plan" Approval Date: November 1, 2012