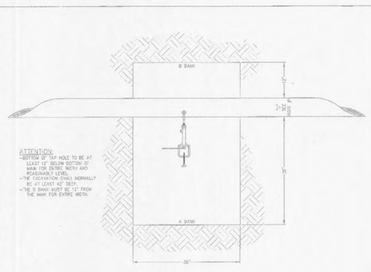


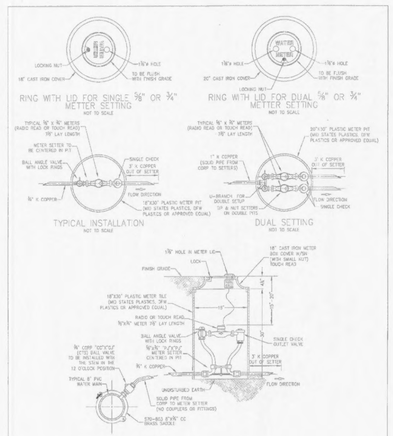
PLAN VIEW
NOT TO SCALE

NOTES:
1. "D" DIMENSION EVEN SIZE IS VARIABLE.
2. FOR MULTIPLE TAPS, ADD 12" OF WIDTH ALONG THE MAIN FOR EVERY ADDITIONAL TAP'S SHALLS NOT BE CLOSER THAN 24" O.C. EACH SHALL.
3. TAPS SHOULD NOT BE CLOSER THAN 18" TO FACE OF BELL.
4. TAP HOLE SHOULD BE 1800 OF MAIN AND ANGLED TO ALLOW SAFE HANDLING OF TAPPING MACHINE.
5. TAP SHALL NOT BE MADE UNTIL TRENCH LINE IS COMPLETE.
6. TAP HOLE MUST BE CLEAN ENOUGH TO REPAIR ANY DAMAGE TO LINE TRACING WIRE.
7. TAPS SHALL BE MADE TO COMPLY WITH ALL OSHA REGULATIONS.
8. BACKHOE TAPS WILL BE AT THE DISCRETION OF WATER DISTRICT PERSONNEL.

TYPICAL 3/4"+1" SERVICE CONNETIONS
"TAP HOLE DIMENSIONS
DETAIL "A"
NOT TO SCALE

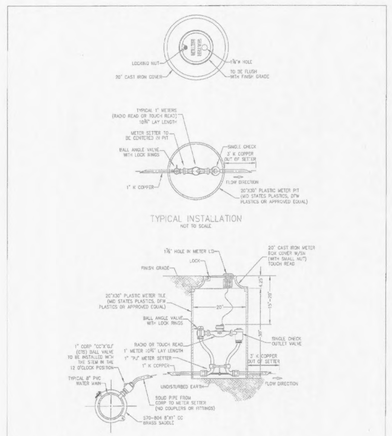
PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 14



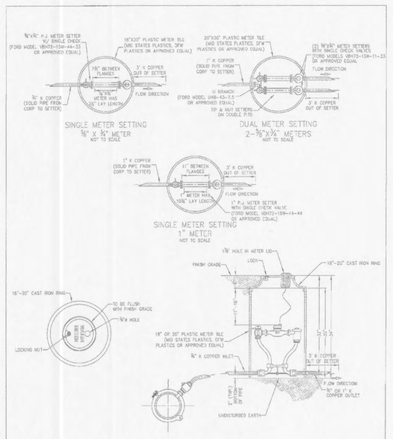
PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 15



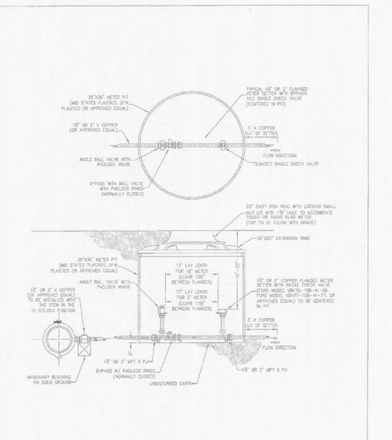
PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 16



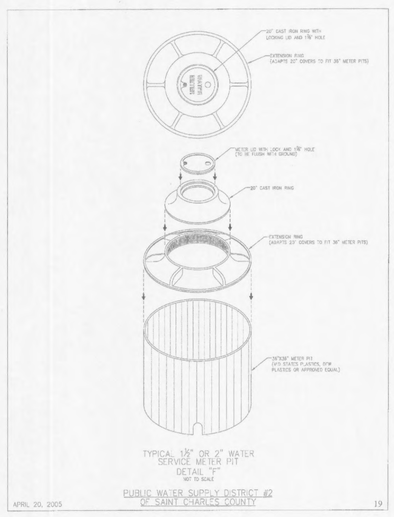
PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 17



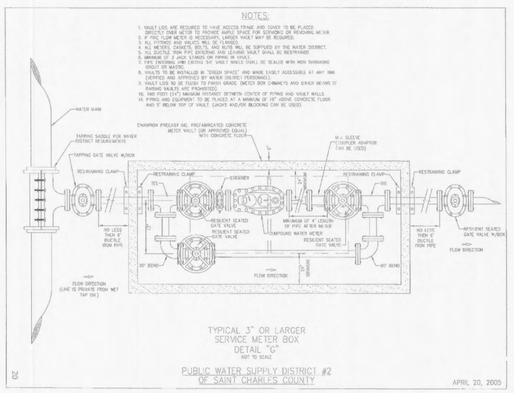
PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 18



PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

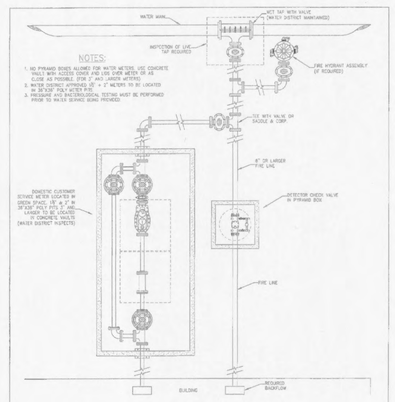
APRIL 20, 2005 19



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

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005

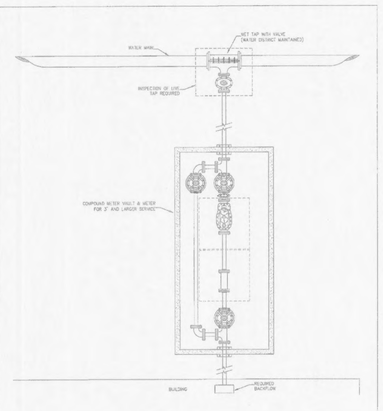


PLAN VIEW
NOT TO SCALE

TYPICAL COMMERCIAL SERVICE CONNETION
WITH FIRE PROTECTION
DETAIL "H"

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 21

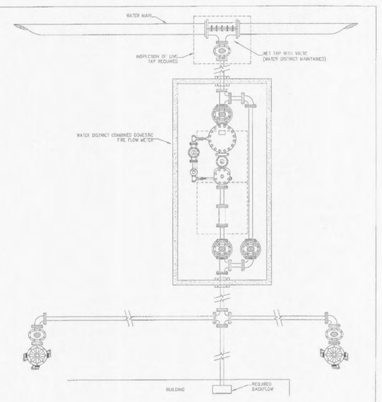


PLAN VIEW
NOT TO SCALE

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

PUBLIC WATER SUPPLY DISTRICT #2
OF SAINT CHARLES COUNTY

APRIL 20, 2005 23

2 MoDOT, WATER COMMENTS 11/10/06
1 CITY, MoDOT, FIRE COMMENTS 11/7/06

GOLD'S GYM – O'FALLON, MO

CONSTRUCTION DETAILS

GEORGE MICHAEL STOCK NUMBER E-25116 REGISTERED PROFESSIONAL ENGINEER STATE OF MISSOURI

11/10/06

GEORGE M. STOCK E-25116

STOCK & ASSOCIATES
Consulting Engineers, Inc.
257 Chesterfield Business Parkway
St. Louis, MO 63005
PH. (636) 530-9100
FAX (636) 530-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com

DRAWN BY:	DATE:	CHECKED BY:	DATE:	JOB NUMBER:	SHEET:
H.L.T.	8/14/06	C.A.M.	8/14/06	206-3850	C13

O:\SAVE\8500\206850\Plans\C13 Details04.dwg, 11/10/2006 3:40:57 PM, KEP 9900 (Port to File).pc3