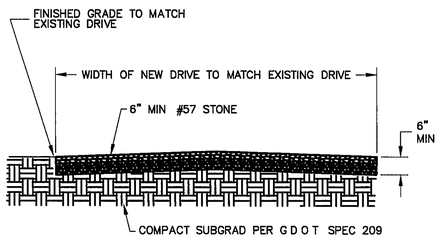
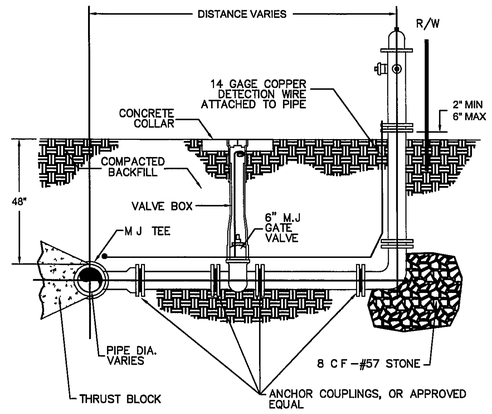
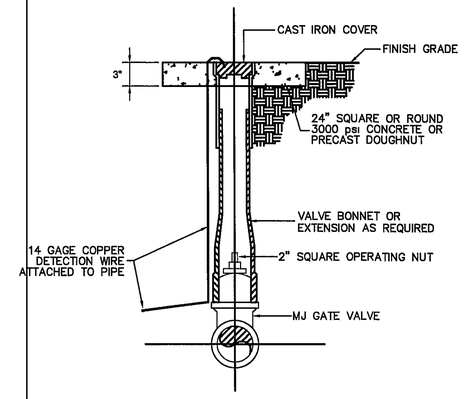




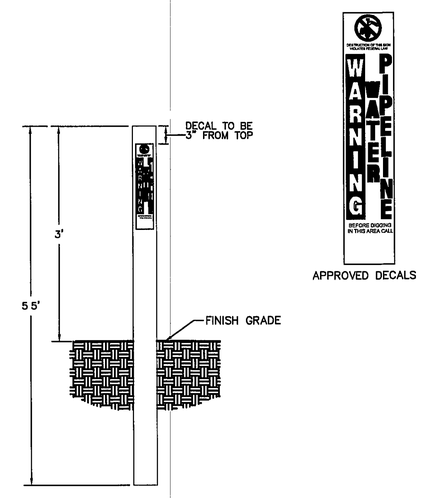
NOTES

A HYDRANTS SHALL BE MANUFACTURED IN FULL COMPLIANCE WITH AMERICAN WATER WORKS ASSOCIATION STANDARD FOR DRY-BARREL FIRE HYDRANTS, 250 PSI WORKING PRESSURE, C502, AND AS HEREIN AMENDED
B HYDRANTS SHALL BE MUELLER SUPER CENTURION 250 OR M&H STYLE 129
C HYDRANTS SHALL BE THREE-WAY, POST TYPE, DRY TOP TRAFFIC MODEL WITH COMPRESSION MAIN VALVE OPENING AGAINST AND CLOSING IN THE DIRECTION OF NORMAL WATER FLOW
D INTERNAL MAIN VALVE DIAMETER SHALL BE MINIMUM OF 5-1/4"
E HYDRANTS SHALL HAVE NAME OF MANUFACTURER, YEAR MANUFACTURED, AND NOMINAL VALVE SIZE IN LEGIBLE, RAISED LETTERS CAST ON BARREL OR BONNET
F CONTRACTOR SHALL PROVIDE LINCOLN COUNTY WITH TWO (2) SETS OF MAINTENANCE WRENCHES AND FIVE (5) BREAKAWAY REPAIR KITS FOR EACH TYPE OF HYDRANT PROVIDED
G HYDRANTS TO BE INSTALLED SO THE FINISH GRADE IS AT THE HYDRANT BURY LINE
H EXTENSION REQUIRED TO BRING HYDRANT TO PROPER GRADE SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR AT HIS EXPENSE
I FIRE HYDRANT ASSEMBLY SHALL CONSIST OF THE DUCTILE IRON HYDRANT TEE, GATE VALVE, DUCTILE IRON LEAD PIPE, AND HYDRANT PIPE RESTRAINERS MUST BE USED TO RESTRAIN ASSEMBLY PIPE RESTRAINERS SHALL BE ANCHOR COUPLING TYPE OR GRIP RING PIPE RESTRAINERS AS MANUFACTURED BY ROMAC INDUSTRIES, INC OR APPROVED EQUIVALENT **PVC IS NOT ALLOWED FOR HYDRANT ASSEMBLY**
J FINAL HYDRANT COLOR SHALL BE RED



NOTES

A CAST IRON COVER TO BE STAMPED "WATER" FOR WATERLINE VALVES
B GATE VALVES SHALL BE MANUFACTURED BY MUELLER, AMERICAN FLOW CONTROL, U S PIPE AND FOUNDRY CO OR APPROVED EQUAL
C GATE VALVES SHALL BE DESIGNED FOR 250 PSI WORKING PRESSURE AND 500 PSI HYDROSTATIC TEST PRESSURE

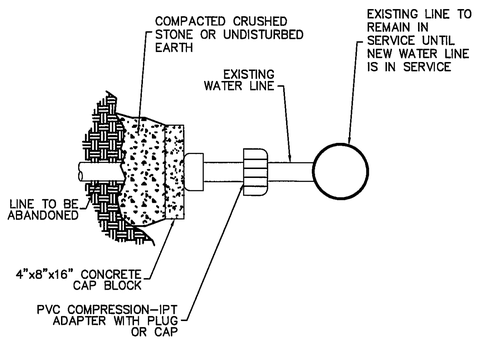


APPROVED DECALS

NOTES.

1 VALVE MARKER SHALL BE RHINO 3-RAIL OR APPROVED EQUAL
2 VALVE MARKER SHALL BE BLUE FOR WATER VALVES
3 DECAL SHALL BE 2-7/8" X 14" OR APPROVED EQUAL

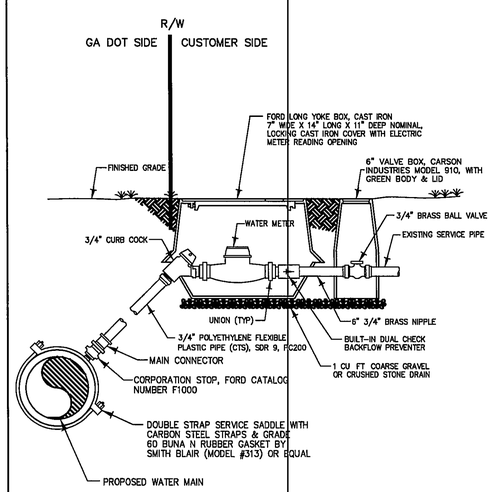
EMI ENGINEERING MANAGEMENT INCORPORATED CIVIL AND ENVIRONMENTAL ENGINEERS 303 SWANSON DRIVE LAWRENCEVILLE, GEORGIA 30043 PHONE: (770)962-1387 FAX: (770)962-8010	GRAVEL DRIVE REPAIR	DETAIL NO. GP-8	REV NO 1 / BY RB / DATE 06-28-06	SCALE N T S	
EMI ENGINEERING MANAGEMENT INCORPORATED CIVIL AND ENVIRONMENTAL ENGINEERS 303 SWANSON DRIVE LAWRENCEVILLE, GEORGIA 30043 (770) 962-1387 (FAX) (770) 962-8010	FIRE HYDRANT	DETAIL NO. W-1	REV NO 1 / BY RB / DATE 06-28-06		
EMI ENGINEERING MANAGEMENT INCORPORATED CIVIL AND ENVIRONMENTAL ENGINEERS 303 SWANSON DRIVE	VALVE BOX	DETAIL NO. W-2	REV NO 1 / BY RB / DATE 06-28-06	SCALE N T S	
EMI ENGINEERING MANAGEMENT INCORPORATED CIVIL AND ENVIRONMENTAL ENGINEERS 303 SWANSON DRIVE LAWRENCEVILLE, GEORGIA 30043 (770) 962-1387 (FAX) (770) 962-8010	VALVE MARKER-FLEXIBLE	DETAIL NO. W-3	REV NO 1 / BY RB / DATE 06-28-06	SCALE N T S	



ELEVATION VIEW

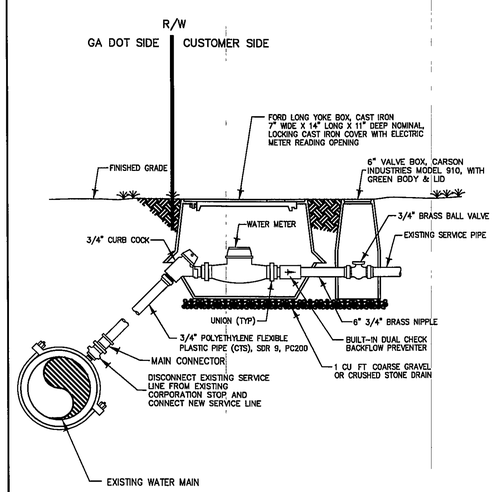
NOTES

1 ALTERNATIVE MATERIALS AND METHODS MAY BE USED IF SUBMITTED BY CONTRACTOR AND APPROVED BY ENGINEER



NOTE

ALL ACCESSORIES SHALL BE COMPATIBLE WITH PIPE AND SERVICE TUBING



NOTE

ALL ACCESSORIES SHALL BE COMPATIBLE WITH PIPE AND SERVICE TUBING

EMI ENGINEERING MANAGEMENT INCORPORATED CIVIL AND ENVIRONMENTAL ENGINEERS 303 SWANSON DRIVE LAWRENCEVILLE, GEORGIA 30043 (770) 962-1387 (FAX) (770) 962-8010	2" & SMALLER WATERLINE ABANDONMENT	DETAIL NO. W-8	REV NO 1 / BY RB / DATE 06-28-06	SCALE N T S				
JOB TITLE STANDARD DETAIL	RESIDENTIAL SERVICE CONNECTION	DETAIL NO W-15	File Name	REV NO / BY / DATE	SCALE N T S			
JOB TITLE STANDARD DETAIL	RESIDENTIAL SERVICE RELOCATION	DETAIL NO W-16	File Name	REV NO / BY / DATE	SCALE N T S			

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DATE	NO	DESCRIPTION
02/25/11	0	RELEASED FOR CONSTRUCTION

REVISION

EMI ENGINEERING MANAGEMENT INCORPORATED
CIVIL AND ENVIRONMENTAL ENGINEERS
303 SWANSON DRIVE
LAWRENCEVILLE, GEORGIA 30043
PHONE. (770) 962-1387 FAX. (770) 962-8010

PROJECT

S.R. 47 WATERLINE RELOCATION
FOR
LINCOLN COUNTY, GEORGIA

CONSTRUCTION DETAILS

SHEET TITLE

DESIGN BY	DRAWN BY	CHECKED BY
ZCB	GKB	HHM

GEORGIA REGISTERED PROFESSIONAL ENGINEER NO 31213 02/24/2011 ZACK C. HYAM

STAMP

DATE 2-12-09
JOB NUMBER 08017
FILE LOCATION z:\projects

SHEET D2