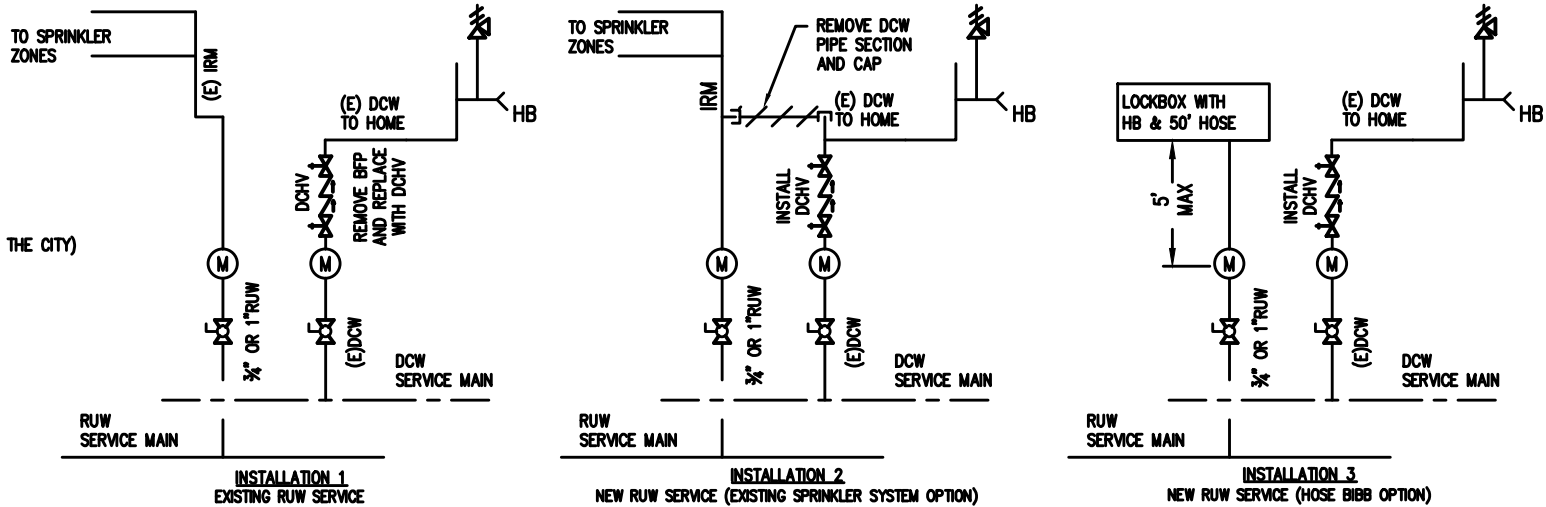


ADDRESS:

LEGEND

- HB HOSE BIBB
- (E) EXISTING
- DOMESTIC WATER (DCW)
- RE-USE WATER (RUW)
- IRRIGATION MAIN (IRM)
- ⊘ CORPORATION STOP VALVE (PROVIDED BY THE CITY)
- (M) METER AMI (PROVIDED BY THE CITY)
- ⊘ DUAL CHECK VALVE (DCHV) MUELLER
- BACKFLOW PREVENTER (BFP)
- ⊘ PRESSURE RELIEF VALVE REQUIRED ONLY WHERE TANK TYPE WATER HEATER USED



12 FPS MAXIMUM SERVICE WATER VELOCITY.

NOMINAL DIA. (inches)	3/4	1
SUPPLY GPM @ 70 PSI	17	31

SPECIFICATIONS

- 1. SCOPE**
PROVIDE LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR THE INSTALLATION DESCRIBED HEREIN AND IN THE DRAWING. INCLUDE ITEMS NOT SHOWN, FITTINGS, ACCESSORIES, ETC. WHICH ARE REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM.
- 2. CODES AND STANDARDS**
WORK SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE: PLUMBING, BROWARD COUNTY AMENDMENTS, AND OTHER APPLICABLE STATE AND LOCAL REGULATIONS, AND ORDINANCES.
- 3. DEMOLITION**
A. REMOVE PIPING INCLUDING ASSOCIATED APPURTENANCES AS NECESSARY FOR NEW WORK. RESTORE AFFECTED SYSTEMS FOR INTERIM OPERATION AT OWNER'S REQUEST.
- 4. SERVICE INTERRUPTIONS**
WHEN WORK FOR THIS PROJECT REQUIRES TEMPORARY SHUTDOWN OF EXISTING SYSTEMS, THE SHUTDOWN SHALL BE MADE DURING PREARRANGED PERIODS AGREEABLE TO THE PROPERTY OWNER.
- 5. WORKMANSHIP AND MATERIALS**
A. EMPLOY ONLY EXPERIENCED, COMPETENT, AND PROPERLY EQUIPPED WORKMEN ON JOB. WORKMANSHIP SHALL BE FIRST CLASS IN ALL RESPECTS. JOB QUALITY SHALL MATCH OR EXCEED THE EXISTING CONDITIONS.
B. MATERIALS SHALL BE NEW AND IN FAULTLESS CONDITION. INSPECT ALL MATERIAL AND IMMEDIATELY REMOVE DEFECTIVE ITEMS FROM JOB SITE.
C. ALL RE-USE WATER PIPE AND FITTINGS SHALL BE SCHEDULE 40 PANTONE (PURPLE) PIPE 522C PER FLORIDA BUILDING CODE: PLUMBING.
D. THE CITY SHALL FURNISH, AT NO COST, DOMESTIC AND RE-USE WATER METERS, DUAL CHECK VALVES, AND LOCKBOXES COMPLETE WITH HOSE BIBB AND FLEXIBLE 50 FT. HOSE.

- E. ONLY FOR DOMESTIC SYSTEMS USING TANK TYPE WATER HEATERS PLUMBER WILL PROVIDE PRESSURE RELIEF VALVE: WATTS SERIES 530C, OR EQUAL AS SHOWN IN DRAWING.
- 6. PROTECTION AND CLEANING**
A. KEEP SITE CLEAR OF DEBRIS ORIGINATING FROM THIS JOB. UPON COMPLETION, REMOVE ALL TRASH AND SURPLUS MATERIALS. JOB SITE SHALL BE CLEAN PRIOR TO ACCEPTANCE.
B. PROTECT EQUIPMENT FROM DIRT, MOISTURE, AND MECHANICAL DAMAGE DURING CONSTRUCTION. RESTORE DAMAGED EQUIPMENT TO ORIGINAL CONDITION.
- 7. DAMAGE BY LEAKS**
REPAIR OR REPLACE ITEMS DAMAGED BY LEAKS OR OVERFLOW FROM WORK PROVIDED UNDER THIS SECTION.
- 8. CUTTING AND PATCHING**
PROVIDE DIGGING AND DE-WATERING REQUIRED TO ACCOMMODATE WORK OF THIS SECTION. RESTORE TO ORIGINAL CONDITION ALL NEW OR EXISTING WORK. PROVIDE REPLACEMENT SOIL, SOD AND SIMILAR MATERIALS TO MATCH EXISTING ON SITE.
- 9. PIPE SUPPORTS**
PIPING SYSTEMS SHALL BE SUPPORTED, BURIED AND BRACED IN ACCORDANCE WITH THE FLORIDA PLUMBING CODE REQUIREMENTS. SUPPORT PIPES FROM STRUCTURE WITH ASSEMBLIES DESIGNED FOR SUCH PURPOSE. PROVIDE AUXILIARY MEMBERS, ANCHORS, SADDLES AND SWAY BRACES NECESSARY FOR PIPE ALIGNMENT AND FOR RESTRAINT AGAINST EXCESSIVE MOVEMENT; ALLOW FOR PIPING EXPANSION AND CONTRACTION. PIPE WEIGHT SHALL NOT BE SUPPORTED BY VALVES, NOR EQUIPMENT. DO NOT USE POWDER DRIVEN FASTENERS, PERFORATED METAL TAPE, OR OTHER MAKESHIFT MATERIALS TO SUPPORT PIPE.

- 10. OPERATION AND ADJUSTMENT**
A. PRESSURE TEST ALL PIPING INSTALLATIONS WITH WATER AND RECORD RESULTS BEFORE INSPECTION. REMOVE ITEMS IN PIPING INSTALLATION SUBJECT TO DAMAGE BY TEST PRESSURE.
B. OPERATE COMPLETED PORTIONS OF WORK PRIOR TO JOB COMPLETION AS DIRECTED BY OWNER OR CITY. CHECK OPERATIONAL STATUS OF SYSTEMS AND NOTIFY CITY AND OWNER IF EQUIPMENT IS NOT READY FOR OPERATION. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO SYSTEM DURING START-UP AND OPERATION PRIOR TO FINAL ACCEPTANCE.
C. UPON COMPLETION OF WORK, PLACE ENTIRE SYSTEM IN OPERATION. SUPPLY WATER FROM SERVICE MAIN, ADJUST WATER FLOW FOR NORMAL OPERATING CONDITIONS.

4550 N. POINT PARKWAY,
SUITE 300
ALPHARETTA, GA. 30022
PH: 678-254-1200 FAX: 678-254-1239

PROJECT NO: EMK311016000
FILE NAME: P0.01.dwg
DESIGNED BY: ACT
DRAWN BY: JL
CHECKED BY: MCP
DATE ISSUED: 08-04-2011

I CERTIFY THAT THE INSTALLATION WAS COMPLETED PER THE DETAILS AND SPECIFICATION HEREIN.

PLUMBING PERMIT: _____ CONTRACTOR SIGNATURE: _____

CONTRACTOR NAME: _____ DATE COMPLETED: _____

CONTRACTOR LICENSE# : _____

SHEET TITLE	
POMPANO RE-USE WATER SERVICE INSTALLATION DIAGRAMS & SPECIFICATIONS	
SHEET 1 OF 1	DRAWING NUMBER P0.01