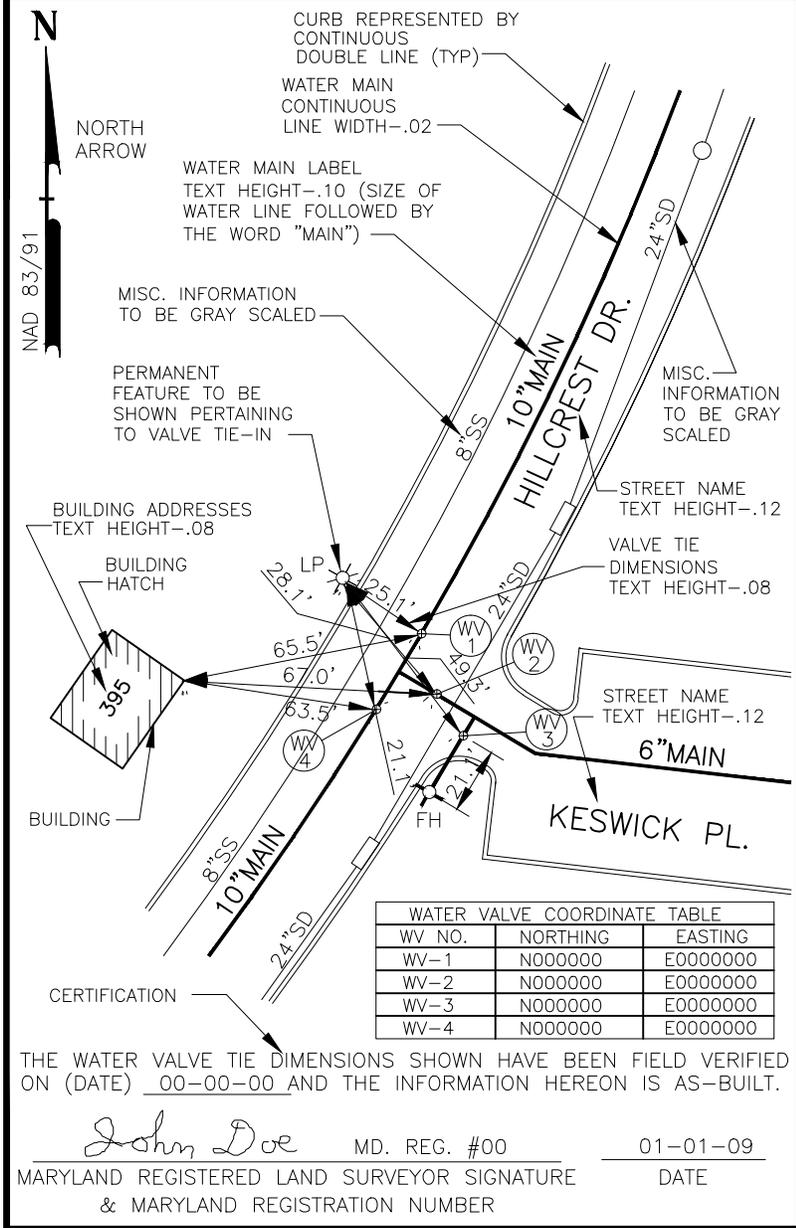


WATER VALVE DATE: 12-24-08 SCALE: 1"=30' PAGE: 725
 SUBDIVISION: EXAMPLE-FREDERICK HEIGHTS
 LOCATION: EXAMPLE- HILLCREST DR. & KESWICK PL.
 PREPARED BY: EXAMPLE- ABC CONSULTING



REQUIRED VALVE-TIE SYMBOLS

- BUILDING HATCH (ANSI 131)
- 10" MAIN WATER MAIN
- FH FIRE HYDRANT
- WV WATER VALVE
- WM WATER METER
- CURB LINE
- LP LIGHT POLE

NOTE:

1. THIS DRAWING IS A FULL SIZE REPRESENTATION OF THE STANDARD WATER VALVE TIE SHEET.

CITY OF FREDERICK
Zeddy J. Kerlan
 APPROVED DATE 02-02-09

WATER VALVE TIE
 EXAMPLE DRAWING

REVISIONS:
 08-03-09

DRAWN BY: SIM
 CHECKED BY: ZK
 SCALE: NONE

W-30A

NOTES:

1. THE 2-COPIES OF EACH WATER VALVE TIE DRAWING SHALL BE SUBMITTED TO THE CITY ON 5-1/2"X 8-1/2", BLACK LINE, DOUBLE MATTE FINISH, 3 MIL THICK (MIN.) MYLAR OR FILM MATERIAL.
2. DRAFTING OF THE WATER VALVE TIE DRAWINGS MUST CONFORM TO THE SHEET LAYOUT, CITY REQUIRED DRAFTING SYMBOLS FOR VALVE TIES & NORTH ARROW AS DICTATED ON DETAIL SHEETS W-30A THROUGH W-30B.
3. FREEHAND DRAFTED VALVE TIE DRAWINGS ARE NOT ACCEPTABLE WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER. A WATER VALVE TIE CAD TEMPLATE IS PROVIDED FROM THE CITY FOR REFERENCE & USE. IT IS NOT REQUIRED TO USE THIS TEMPLATE, BUT THE GENERAL FORMAT OF DETAIL W-30A IS TO BE FOLLOWED.
4. EACH WATER VALVE TIE DRAWING SUBMITTED SHALL BE 3-HOLE PUNCHED AS SHOWN TRIMMED TO 5-1/2" BY 8-1/2".
5. WATER VALVE TIE DRAWINGS CONTAINING ANY OTHER FEATURES AND INFORMATION OR TEXT NOT PERTINENT TO VALVE TIE INFORMATION IS TO BE SHOWN GRAY-SCALED ON SHEET. I.E. STORM DRAIN, SEWER, ELEC, TREES, PARKING, ETC..
6. WATER VALVE TIE DRAWINGS ARE TO REFLECT ONLY AS-BUILT INFORMATION. ALL DIMENSIONS & COORDINATES ARE TO BE FIELD RUN. DIMENSIONS SHOULD BE SHOWN TO THE NEAREST 0.1' (TENTH OF A FOOT). WATER VALVE TIE DISTANCES EXCEEDING A MAXIMUM LENGTH OF 100.0' ARE NOT ACCEPTABLE WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER. NORTHING & EASTING PER WATER VALVE WILL BE PROVIDED AND SHALL BE MD STATE PLANE COORDINATE SYSTEM NAD 83/91.
7. WATER VALVE TIE DRAWINGS ARE REQUIRED TO BE DRAWN TO SCALE.
8. ONLY ONE WATER VALVE TIE SITE IS PERMITTED TO BE SHOWN ON EACH DRAWING. MULTIPLE SITES, EVEN IF LOCATED ALONG THE SAME ROAD, ARE NOT PERMITTED TO BE SHOWN ON THE SAME DRAWING.
9. THE CITY RESERVES THE RIGHT TO REJECT AND REQUIRE THE REDRAFTING OF ANY WATER VALVE TIE DRAWING WHICH:
 - A. DOES NOT COMPLY WITH THE REQUIREMENTS SET FORTH IN THE CITY STANDARD DETAILS W-30A-30B.
 - B. DOES NOT FURNISH ADEQUATE INFORMATION TO IDENTIFY THE VALVE SITE.
 - C. IS NOT DRAFTED NEATLY AND LEGIBLY ON THE STANDARD WATER VALVE TIE SHEET FORMAT.
 - D. HAS BEEN SPOT CHECKED IN THE FIELD AND FOUND TO BE INACCURATE IN SITE REPRESENTATION, HAS INACCURATE WATER VALVE TIE MEASUREMENTS AND/OR DOES NOT REFLECT AS-BUILT CONDITIONS.
 - E. DOES NOT HAVE THE FIELD VERIFICATION CERTIFICATE COMPLETED WITH THE DATE OF THE WATER VALVE TIE FIELD VERIFIED MEASUREMENTS AND DOES NOT HAVE THE CERTIFICATION SIGNED AND DATED BY A MARYLAND REGISTERED LAND SURVEYOR INCLUDING THE SURVEYOR'S REGISTRATION NUMBER.
 - F. DOES NOT SHOW ALL REQUIRED VALVE TIE MEASUREMENTS (MINIMUM OF 2 TO EACH VALVE) SHOWN IN FEET TO THE NEAREST TENTH OF A FOOT.
 - G. HAS MEASUREMENTS WHICH EXCEED THE MAXIMUM ALLOWABLE DISTANCE OF 100.0' WITHOUT PRIOR APPROVAL OF THE CITY ENGINEER.
 - H. DOES NOT SHOW ALL VALVES WHICH WILL BE MAINTAINED BY THE CITY.
 - I. DOES NOT TIE WATER VALVES TO ACCEPTABLE PERMANENT STRUCTURES (NON-PERMANENT STRUCTURES MAY BE USED ONLY WITH PRIOR APPROVAL OF THE CITY ENGINEER).
 - J. DOES NOT HAVE ALL TITLE BLOCK INFORMATION COMPLETED WITH THE EXCEPTION OF THE PAGE NUMBER WHICH WILL BE ASSIGNED BY THE CITY ENGINEERING STAFF.
 - K. DOES NOT HAVE ALL FEATURES PROPERLY LABELED.
 - L. DOES NOT HAVE A NORTH ARROW.
10. A MINIMUM OF 2 DIMENSIONS DESIGNATED IN FEET TO THE NEAREST TENTH OF A FOOT FROM EACH WATER VALVE TO 2 DIFFERENT ACCEPTABLE PERMANENT STRUCTURES. WHEN A BUILDING IS USED TO TIE DOWN THE LOCATION OF A WATER VALVE, DIMENSIONS MAY BE TAKEN FROM DIFFERENT CORNERS OF THE SAME BUILDING (THIS WILL SATISFY THE 2 DIMENSION REQUIREMENT FOR THAT WATER VALVE). WHERE A FIRE HYDRANT EXISTS, ONE OF THE 2 VALVE TIE DIMENSIONS IS REQUIRED TO BE FROM THE HYDRANT TO THE WATER VALVE ON THE HYDRANT LINE. WATER VALVES ARE REQUIRED TO BE TIED BY DIMENSION TO THE NEAREST ACCEPTABLE PERMANENT STRUCTURE (MANHOLE COVER, INLET, STREET LIGHT POLE, FIRE HYDRANT, CORNER OF A PERMANENT BUILDING, ETC.). AN ACCEPTABLE PERMANENT STRUCTURE IS ONE WHICH IS NOT EXPECTED TO CHANGE IN CONDITION OR LOCATION. WATER VALVES SHALL NOT BE TIED TO UNACCEPTABLE OR NON-PERMANENT STRUCTURES (TREES, FENCE POSTS, PORCHES, STEPS, SHEDS, ETC.). A NON-PERMANENT STRUCTURE IS ONE WHOSE CONDITION AND LOCATION IS AFFECTED MORE READILY BY SEVERE WEATHER CONDITIONS, HOME REPAIRS, RENOVATIONS, ACCIDENTS, ETC. IF A SITUATION ARISES WHERE THERE ARE NO ACCEPTABLE PERMANENT STRUCTURES AVAILABLE THEN NON-PERMANENT STRUCTURES MAY BE USED ONLY WITH THE PRIOR APPROVAL OF CITY ENGINEER.

CITY OF FREDERICK

APPROVED *Zachary J. Kerlan* 02-02-9 DATE

WATER VALVE TIE
STANDARD SHEET
GENERAL NOTES

REVISIONS:
08-03-09

DRAWN BY: SIM
CHECKED BY: ZK

SCALE: NONE

W-30B