



### MATERIALS LIST

ITEM	DESCRIPTION
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| (A) | Saddle: All saddles shall be epoxy coated ductile iron casting with CC threads. For all pipe material other than PVC pipe, saddles shall be single strap type equal to Ford FC101, Romac 101NS, Mueller DR1S, or District approved equal For PVC pipe, saddles shall be double strap type (no U-bolt type straps) equal to Mueller DR2S, Ford FCD202, or Romac 202NS. Direct tap of Ductile Iron, Class 52 or greater is allowed. |
| (B) | Ball valve, FIPxFIP, Ford #B11-666 for 1-1/2" and Ford #B11-777 for 2"; with 2" operating nut, Ford #QT-67.   |
| (C) | Two-piece cast iron valve box per the Specifications and Standard Detail.   |
| (D) | Brass nipple, MIPxMIP, length to fit.   |
| (E) | Adapter, MIPxPack Joint, Ford #C86-66 for 1-1/2" and Ford #C86-77 for 2".   |
| (F) | Polyethylene pipe per the Specifications. SIDR 7, 250 psi rating. Pipe shall be continuous from ball valve to meter setter. All polyethylene pipe installed by open-cut construction shall be bedded in sand, 4" over and under. Native material will not be accepted for bedding.  |
| (G) | Locator wire: 14 gauge copper, continuous, solid core, neoprene coated per the Specifications. Connection at the meter setter shall be made with an all stainless steel hose clamp. Connection at the main line wire shall be made with a split-bolt connector. Strip coating prior to connection.  |
| (H) | 1-1/2" meter setter: Ford VBH8612B. 2" meter setter: Ford VBH8712B.   |
| (I) | Meter box: ARMORCAST, A6001640PCX12-NUD (2 boxes stacked, no "mouse holes")   |
| (J) | Cover: ARMORCAST, A6001947TRCI-H10-NUD  |
| (K) | 4"x8"x16" concrete block.   |
| (L) | 90° brass street elbow, MIPxFIP, and adaptor, MIPxPack Joint.   |

**NOTE:** If required for premise isolation, an approved backflow assembly shall be installed immediately behind the water meter per District Standard Detail #14.

## **1-1/2" and 2" WATER SERVICE**

NOT TO SCALE

Detail Approvals	
Editor	TDC
Manager	DPK

**NORTHSHORE UTILITY DISTRICT**  
**STANDARD WATER DETAILS**

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February 2018  
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