

STANDARD MATERIAL LIST

<u>ITEM</u>	<u>DETAIL REFERENCE</u>	<u>ALTERNATIVES</u>	<u>COMMENTS/DESCRIPTION</u>
WATER MAIN - TRENCHED		DR-18 PVC	
WATER MAIN - DIRECTIONAL DRILLED		DR-11 HDPE	
TRACER WIRE	W-04, W-16, W-17, W-21	ALT 1: 10-GAUGE, STRANDED COPPER, INSULATED WIRE ALT 2: 12-GAUGE, SOLID STEEL CORE, COPPER PLATED, INSULATED WIRE	BLUE IN COLOR
DETECTABLE WARNING TAPE	W-16, W-17	ALT 1: PRO-LINE SAFETY PRODUCTS DETECTABLE TAPE ALT 2: EQUAL	3" WIDE, 5 MIL THICK, BLUE IN COLOR, LABELED "BURIED WATER PIPE" OR SIMILAR
INSULATING BLANKET	W-04B	ALT 1: FORD 4' FLEX METER PIT INSULATING BLANKET ALT 2: EQUAL	
METER - RESIDENTIAL	W-04B, W-04D, W-05, W-13	ALT 1: SENSUS IPERL 5/8x3/4 METER PIT LID VERSION WITH MODEL 520R PIT VERSION MXU AND LEAK DETECTION ALT 2: NO EQUAL - TOWN STANDARD	METER MAY BE LARGER AT THE DISCRETION OF THE TOWN ENGINEER
METER PIT COVER - RESIDENTIAL	W-04B, W-04D, W-05, W-13	ALT 1: FORD WABASH DOUBLE INSET LID W-3-T WITH TOUCH REACH HOLE ALT 2: MUELLER H-10814 PIT DOUBLE WITH CAST IRON COVER ALT 3: AY MCDONALD MODEL 74M4WT METER BOX COVER AND FRAME WITH INNER LID ALT 4: VESTAL MODEL W-20P-L R&C WITH w/SN w/TR	
METER PIT - RESIDENTIAL	W-04B, W-13	ALT 1: 20" DOUBLE LID METER BOX, FORD PDBH-288-20-60 WITH 3/4" MIP INLET/OUTLET ALT 2: AY MCDONALD MODEL 780W260WDPP 33X21 RSIER STYLE PIT SETTER	TO ASSEMBLE IN LIEU OF PURCHASING, SEE DETAIL W-04D
GRADE RING - WATER SERVICE	W-04B, W-07	ALT 1: KISTNER CONCRETE PB-18-S ALT 2: LAKELANDS CONCRETE GR-18	
QUICK JOINT COUPLING - 1"	W-04B, W-04D, W-06	ALT 1: FORD C14-34-Q ALT 2: MUELLER 110 COUPLING, H-15413N	
QUICK JOINT COUPLING - 2"	W-07	ALT 1: FORD C-84-77-Q ALT 2: MUELLER 110 COUPLING, H-15428N	
CURB BOX - ALL SIZES	W-04B, W-05, W-06, W-07, W-13, W-18	ALT 1: MUELLER MARK II WITH ROD H10334 OR H10310 ALT 2: FORD MODEL EA2-50-40-30R WITH CB-7 CURB BOX BASE (IF REQUIRED) ALT 3: A.Y. MCDONALD MODEL 5606	ARCH SLIDING STYLE, WITH 30" S/S ROD, LID MARKED "WATER"

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CURB STOP - ALL SIZES	W-04B, W-05, W-06, W-07, W-13, W-18	ALT 1: MUELLER 300 CURB VALVE B25209N	TYPICALLY SIZE IS 1" HOWEVER AS DETERMINED BY ENGINEER
		ALT 2: FORD B44-444-Q-NL	
CORP STOP - ALL SIZES	W-04B, W-05, W-06, W-13, W-18	ALT 1: MUELLER B25008 SERIES 300	BALL STYLE
		ALT 2: FORD FB1000	
S/S INSERT	W-04B, W-05, W-06, W-07, W-13, W-18, W-21	ALT 1: MUELLER PART 505142	STAINLESS STEEL
		ALT 2: FORD INSERT 52	
SERVICE SADDLE - 1"	W-04B, W-05, W-06, W-13	ALT 1: FORD MODEL FS313-XXX-CC TAP	STAINLESS STEEL
		ALT 2: SMITH BLAIR 372	
SERVICE SADDLE - 2"	W-18	ALT 1: FORD FS313-XXX-CC S/S	
		ALT 2: SMITH BLAIR 372 S/S	
BLOWOFF FRAME & COVER	W-07	ALT 1: EAST JORDAN 1566Z FRAME & 1566 COVER	
		ALT 2: NEENAH R-1975-A2 FRAME & COVER	
RODDED BELL RESTRAINING HARNESS	W-07, W-10, W-11, W-12, W-13, W-20	ALT 1: EBAA RION SERIES 1500	TO BE USED A TEMPORARY RESTRAINT ONLY
		ALT 2: ROMAC SERIES 600	
MECHANICAL JOINT PIPE RETAINER	W-08, W-09, W-10, W-11, W-12, W-14A	ALT 1: ROMAC XXX-GRAP-IP-GRIP RING PIPE RESTRAINT	
		ALT 2: FORD UFR1500-u-U	
VALVE BOX - IN LINE & HYDRANT VALVE	W-10, W-11, W-13	ALT 1: TYLER UNION 6855 SLIP TYPE	
		ALT 2: BINGHAM AND TAYLOR FIGURE 4908 SLIP TYPE	
		ALT 3: BIBBY STE-CROIZ TWO PIECE STYLE TOP FLANGE CODE V683	
GATE VALVE	W-07, W-10, W-13, W-20	ALT 1: MUELLER MODEL A-2360 MjxMJ	RESILIENT SEAT, NRS, OPENS LEFT, WITH STAINLESS STEEL FASTENERS
		ALT 2: KENNEDY 8571	
TAPPING SLEEVE	W-08, W-20	ALT 1: FORD MODEL FTSS	STAINLESS STEEL
		ALT 2: SMITH BLAIR MODEL 665	
HYDRANT VALVE	W-11	ALT 1: 6" MUELLER MODEL A-2360 MjxMJ	RESILIENT SEAT, NRS, OPENS LEFT, WITH STAINLESS STEEL FASTENERS
		ALT 2: 6" KENNEDY 8571	
HYDRANT - MUNICIPAL	W-11	ALT 1: 5-1/4" BREAK AWAY KENNEDY NO. K81A - MUNICIPAL, PAINTED YELLOW	
		ALT 2: NO EQUAL - TOWN STANDARD	
HYDRANT - PRIVATE		5-14" BREAK AWAY KENNEDY NO. K81D - MUNICIPAL, PAINTED RED	
HYDRANT MARKERS	W-11	5' RODON HYDRAFINDER WITH RED TAPE STRIPS ON FLAT MAOUNTING BRACKET WITH 4"X5" WHITE MINI FLAG WITH RED STRIPE	

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MECHANICAL JOINT TEE	W-11	ALT 1: TYLER UNION MH C153 ALT 2: ANY AMERICAN MJ TEE	
TEES, WYES, BENDS		AMERICAN MADE DUCTILE IRON - CEMENT LINED	
FILTER FABRIC	W-11, W-19	ALT 1: MIRAFI 140N ALT 2: TYPAR STYLE 3341	
COAL TAR EPOXY COATING - MANHOLE	W-18, W-19	ALT 1: CARBOLINE BITUMASTIC 300 M ALT 2: HI-BUILD TNAME-TAR SERIES 46H-413	2 COATS - SEE SPECIFICATIONS FOR APPLICATION
FRAME AND COVER - MANHOLE	W-18, W-19	ALT 1: PAMREX 36" ALT 2: EAST JORDAN ERGO XL ACCESS ASSEMBLY SERIES NO. 3606	36" HINGED, LOCKABLE
GRADE RING - MANHOLE	W-18, W-19	ALT 1: KISTNER CONCRETE ALT 2: LAKELANDS CONCRETE	ANCHORED WITH S/S STUD BOLTS, WASHER AND NUTS (501, 502 OR 505 S/S)
PIPE CONNECTIONS - MANHOLE	W-18, W-19	ALT 1: PRESS SEAL CASE A SEAL 12-08 CAST IN BOOT ALT 2: PRESS SEAL PSX DIRECT DRIVE CONNECTOR	
AIR RELEASE VALVE	W-19	ALT 1: GA INDUSTRIES FIGURE 925 ALT 2: NO EQUAL - TOWN STANDARD	AIR RELEASE VALVE SIZE TO BE DETERMINED BASED ON CONDITIONS, 1/2" AND 1" BALL VALVES (3 VALVES TOTAL) SHALL BE INCLUDED FOR FUTURE MAINTENANCE
PIPE SUPPORT	W-19	ALT 1: STANDON MODEL S92 ALT 2: PIPELINE PRODUCTS MODEL PS-S	BOLTS AND STRAPS SHALL BE STAINLESS STEEL
SANITARY YARD HYDRANT	W-21	FREEZE FLOW, EXECUTIVE SANITARY YARD HYDRANT, MODEL S135E	
FIRE DEPARTMENT CONNECTION		SINGLE 5" "STORZ" CONNECTION WITH 30° ELBOW & CAP ON OUTSIDE OF BUILDING	