

**City of Celina Approved Materials List
May 2023**

DESIGN REFERENCE	AWWA OR ASTM	PRODUCT	DESCRIPTION	TYPE / STYLE / MODEL	SIZE	MANUFACTURER
WATER						
2.1.6.A	C900	PIPE MAIN	PVC WATER	DR14 BLUE	4" - 8"	DOMESTIC
2.1.6.A	C900	PIPE MAIN	PVC WATER	DR18 BLUE	10"-12"	DOMESTIC
2.1.6.A	C900-16	PIPE MAIN	PVC WATER	DR18 BLUE	16" AND LARGER	DOMESTIC
		TRACER WIRE	OPEN CUT	1430B - SF		COPPERHEAD OR APPROVED EQUAL
		TRACER WIRE	DIRECTIONAL DRILLING	1245B - EHS		COPPERHEAD OR APPROVED EQUAL
		TRACER WIRE	PIPE BURST	PBX-50B		COPPERHEAD OR APPROVED EQUAL
		TRACER WIRE TEST STATION	SNAKEPIT	RB14BTP		COPPERHEAD
		TRACER WIRE GROUNDING ROD	SNAKEPIT	ANO-14		COPPERHEAD
2.1.6.B	ANSI/AWWA C151 / A21.50	PIPE MAIN	DUCTILE	CL51 / ENGINEER APPROVAL	48"-64"	DOMESTIC
	PE4710	PIPE SERVICE	HDPE	SDR9 POLY	1" - 2"	DOMESTIC
	A-36 A-568 A-135 / AWWA C-210	PIPE CASING	STEEL ENCASEMENT	0.25 WALL W/BLACK OXIDE PRIMER	4" -24"	DOMESTIC
	A-36 A-568 A-135 / AWWA C-210	PIPE CASING	STEEL ENCASEMENT	0.375 WALL W/ BLACK OXIDE PRIMER	27" - 42"	DOMESTIC
	AWWA C105	POLY WRAP	POLYETHYLENE ENCASEMENT	8MILS		
		ADHESIVE TAPE		SCOTCHRAP NO.50	2" WIDE	POLYKEN
	ISO 9001:2000	CASING SPACER	HDPE	CASING SPACER	VARIOUS	RACI OR APPROVED EQUAL

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2.1.6.C	ANSI/AWWA C153/A21.53 / NSF 61	FITTING WATER	MECHANICAL JOINT	C153 COMPACT	2" - 48"	DOMESTIC - TYLEUNION OR APPROVED EQUAL
2.1.6	ANSI/AWWA C153/A21.53	FITTING RESTRAINT	EBAA MEGALUG	PV1100 FOR DUCTILE IRON	3" - 54"	DOMESTIC- EBAA IRON
2.1.6	ANSI/AWWA C153 UL/FM ISO 9001-2008	FITTING RESTRAINT	TYLER TUFF GRIP/ STAR GRIP	SERIES 1000 FOR DUCTILE IRON/ SERIES 3000 FOR DUCTILE IRON	3" - 48"	DOMESTIC - TYLER UNION/ STAR PIPE PRODUCTS
2.1.6	ANSI/AWWA C153 UL/FM ISO 9001-2008	FITTING RESTRAINT	TYLER TUFF GRIP/ PVC STARGRIP	SERIES 2000 FOR PVC/ SERIES 4000	3" - 36"	DOMESTIC - TYLER UNION/ STAR PIPE PRODUCTS
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	SADDLE	BR2BXCC THREAD	1"-2" TAP	MUELLER
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	SADDLE	202B X CC THREAD	1" - 2" TAP	FORD
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	SADDLE		1"-2"	AY MCDONALD
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	CORPORATION STOP	FB1000-3-G-NL FB1000-4-G-NL FB1000-6-G-NL FB1000-7-G-NL	1" - 2"	FORD
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	CORPORATION STOP	B-25008N	1"-2"	MUELLER
			CORPORATION STOP	74701BG	1"-2"	AY MCDONALD
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	INSERT/SS STIFFNER	INSERT 52/54/55	1"-2"	FORD
	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	INSERT/SS STIFFNER	528705/ 528706/ 528707	1"-2"	MUELLER
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	CURB STOP	BA43-444-GNL BFA43-666W-GNL BFA43-777W-GNL	1"-2"	FORD
2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	CURB STOP	B-25008N	1"-2"	MUELLER

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2.1.7	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	CURB STOP	74602BG	1"-2"	AY MCDONALD
		METER SERVICE	PLASTIC METER BOX	DFW37C-14-1SF 63D CELINA	¾"-1" METER	DFW PLASTICS
		METER SERVICE	PLASTIC METER BOX	DFW65C-14-1SF 63D CELINA	1.5"-2" METER	DFW PLASTICS
		METER VAULT	LARGE METER	ENGINEER APPROVAL	3" METER AND LARGER	PARK, TURNER, OLDCASTLE OR APPROVED EQUAL
2.1.8	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE	2"-16"	DOMESTIC- MUELLER
2.1.8	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE	2"-12"	DOMESTIC- WATEROUS COMPANY
2.1.8	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE	2"-12"	DOMESTIC- CLOW
2.1.8	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE	18" AND LARGER	DOMESTIC- MUELLER
2.1.8	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE	14" AND LARGER	DOMESTIC- AMERICAN FLOW CONTROL
2.1.8	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE	14" AND LARGER	DOMESTIC- CLOW
2.1.8	C-504	VALVE MAIN	BUTTERFLY VALVE	150B FLANGED OR MECHANICAL JOINT	20" AND LARGER	DOMESTIC- MUELLER
2.1.8	C-504	VALVE MAIN	BUTTERFLY VALVE	150B FLANGED OR MECHANICAL JOINT	20" AND LARGER	DOMESTIC- CLOW
2.1.8.B	MANUAL M51	VALVE AIR	AIR RELEASE VALVE	RBX	2" AND LARGER	VENT O MAT, VENT TECH
2.1.8.B	MANUAL M51	VALVE AIR	AIR RELEASE VALVE	SERIES WAR	2" AND LARGER	PRATT
2.1.8.B	MANUAL M51	VALVE AIR	AIR RELEASE VALVE	D-065 HF	2" AND LARGER	ARI USA INC
2.1.8.B		VALVE BOX	TWO PIECE VALVE BOX WITH LID	6580 WITH LID	2" AND LARGER	DOMESTIC- TYLER UNION OR APPROVED EQUAL
2.1.9		FIRE HYDRANT	HYDRANT WITH INTERGRAL STORZ FITTING	A423 SUPER CENTURION- CELINA	6" LEAD	MUELLER
2.1.9		FIRE HYDRANT	HYDRANT WITH INTERGRAL STORZ FITTING	WATEROUS PACER	6" LEAD	AMERICAN FLOW CONTROL

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2.1.9		FIRE HYDRANT	HYDRANT WITH INTERGRAL STORZ FITTING	CLOW MEDALLION F2545- OIL FILLED	6" LEAD	MEDALLION FIRE HYDRANT
2.1.9		FIRE HYDRANT	STORZ ADAPTER	HHPHA5045NHWCAP	5" STORZ X 4.5 NST	DOMESTIC
	C207, C900	FIRE RISER	IN-BUILDING RISER	SERIES IBR WITH FLANGED END CONNECTION ON THE OUTLET		AMES FIRE AND WATER WORKS
2.1.10	C 207	TAP MAIN	TAPPING SLEEVE	665 316 ALL STAINLESS / H304SS		SMITH BLAIR / MUELLER OR APPROVED EQUAL
2.1.11	VALVE FLUSHING	PIPE MAIN	MANUAL FLUSHING VALVE	ECLIPSE #2 POST HYDRANT		KUPFERLE
	VALVE FLUSHING	PIPE MAIN	AUTOMATIC FLUSHING VALVE	HG2-A- BRN-BL-018-LPLG-TCV FW200-A-18-BRN-BL-TCV FC200-A-60-BRN-BL		MUELLER COMPANY
	VALVE FLUSHING	PIPE MAIN	AUTOMATIC FLUSHING VALVE	ECLIPSE 9800CC OR 9800WC-AFV WITH DECHLOR BASKET		KUPFERLE

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SANITARY SEWER						
2.2.6.A	D3034	PIPE MAIN	PVC SEWER	SDR35	4" - 15"	
2.2.6.A	F679	PIPE MAIN	PVC SEWER	SDR26 HEAVY WALL	4" - 15"	
2.2.6.A	F679	PIPE MAIN	PVC SEWER	PS46 / PS115	18" AND LARGER	
2.2.6.A	D2241	PIPE FORCE MAIN	PVC SEWER	SDR26 CLASS 160	4" - 12"	
2.2.6.A	C905	PIPE FORCE MAIN	PVC SEWER	DR25 CLASS 165 GREEN	14" AND LARGER	
		TRACER WIRE	OPEN CUT	1430G - SF		COPPERHEAD
		TRACER WIRE	DIRECTIONAL DRILLING	1245G - EHS		COPPERHEAD
		TRACER WIRE	PIPE BURST	PBX-50G		COPPERHEAD
		TRACER WIRE TEST STATION	SNAKEPIT	RB14GTP		COPPERHEAD
		TRACER WIRE GROUNDING ROD	SNAKEPIT	ANO-14		COPPERHEAD
	ISO 9001:2000	CASING SPACER	HDPE	CASING SPACER	VARIOUS	RACI OR APPROVED EQUAL
	A-36 A-568 A-135 / AWWA C-210	PIPE CASING	STEEL ENCASEMENT	0.25 WALL W/ BLACK OXIDE PRIMER	4" -24"	
	A-36 A-568 A-135 / AWWA C-210	PIPE CASING	STEEL ENCASEMENT	0.375 WALL W/ BLACK OXIDE PRIMER	27" - 42"	
	ASTM D3212	GRAVITY FLOW PIPE ADAPTOR	SEWER TAP (REHAB)	INSERTA TEE		INSERTA FITTING CO.
2.2.6.C	D3034 / F679 / F170 / ISO 9000	FITTING SEWER	GASKETED	SDR35 / SDR26 TO MATCH MAIN	4" - 18"	
		VALVE AIR	AIR RELEASE VALVE	WWAR 01	2" AND LARGER	PRATT
2.2.8. D	C-478	MANHOLE SAN SEWER	MANHOLE	CONSHIELD PRECAST	48" AND LARGER	HANSON (FORTERRA) AND TURNER
		MANHOLE	MANHOLE	CONSHIELD CAST	48" AND	REDI MIX

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2.2.8. D	C-478	SAN SEWER		IN PLACE	LARGER	
		PATCHING MATERIAL	MANHOLE	CONSHIELD JOINT SET		CONSHIELD
		MANHOLE SAN SEWER	MANHOLE	GATOR WRAP	6" WIDE	INFI-SHIELD
		MANHOLE SAN SEWER	MANHOLE	I & I BARRIER		STRIKE PRODUCTS
		MANHOLE SAN SEWER	HDPE	MANHOLE INSERT	30" OD	S.S.I SEALING SYSTEMS INC.
		MANHOLE SAN SEWER	GRADE RING	INFRA-RISER IC3340F	33" I.D x 40" O.D.	EAST JORDON
		MANHOLE SAN SEWER	MANHOLE RING COVER	1480 30" NEW CONSTRUCTION	30" CLEAR OPENING	BASS HAYES, EAST JORDAN IRON WORKS
		MANHOLE SAN SEWER	WATERTIGHT MANHOLE RING COVER	1432 30" NEW CONSTRUCTION WATERTIGHT	30" CLEAR OPENING	BASS HAYES, EAST JORDAN IRON WORKS
DESIGN REFERENCE	AWWA OR ASTM	PRODUCT	DESCRIPTION	TYPE / STYLE / MODEL	SIZE	MANUFACTURER
STREET SIGNS AND LIGHT						
		SIGN POLE	FLUTED	SP4X 12	4" OD	BRANDON INDUSTRIES OR APPROVED EQUAL
		POLE BASE	SLIP-OVER	SB94	4" OD	BRANDON INDUSTRIES OR APPROVED EQUAL
		POLE FINIAL		FIN- CS4	4" OD	BRANDON INDUSTRIES OR APPROVED EQUAL

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Grass in Detention Ponds, Swales, Bio-retention Areas

GRASS/TURF			
COMMON NAME	SCIENTIFIC NAME	ACCEPTABLE FORM	REMARKS
PRAIRIE CORDGRASS	<i>SPARTINA PECTINATA</i>	CONTAINER/ SEED	BOTTOM
BUSHY BLUESTEM	<i>ANDROPOGON GLOMERATUS</i>	CONTAINER/ SEED	BOTTOM
CROWFOOT CARIC SEDGE	<i>CAREX CRUS-CORVI</i>	CONTAINER/ SEED	BOTTOM
EASTERN GRAMAGRASS	<i>TRIPSACUM DACTYLOIDES</i>	CONTAINER/ SEED	BOTTOM
LOWLAND SWITCHGRASS	<i>PANICUM VIRGATUM L</i>	CONTAINER/ SEED	BOTTOM
ALAMO SWITCHGRASS	<i>PANICUM VIRGATUM 'ALAMO'</i>	CONTAINER/ SEED	BOTTOM
LOMETA INDIANGRASS	<i>SORGHASTRUM NUTANS 'LOMETA'</i>	CONTAINER/ SEED	SLOPE
EARL BIG BLUESTEM	<i>ANDROPOGON GERARDII 'EARL'</i>	CONTAINER/ SEED	SLOPE
LITTLE BLUESTEM	<i>SCHIZACHYRIUM SCOPARIUM</i>	CONTAINER/ SEED	SLOPE
CANADA WILDRYE	<i>ELYMUS CANADENSIS</i>	CONTAINER/ SEED	SLOPE
SPRING OBEDIENT PLANT	<i>PHYSOSTEGIA INTERMEDIA</i>	CONTAINER/ SEED	SLOPE
MAXIMILIAN SUNFLOWER	<i>HELIANTHUS MAXIMILIANA</i>	CONTAINER/ SEED	SLOPE
HALBERD-LEAF HIBISCUS	<i>HIBISCUS LAEVIS</i>	CONTAINER/ SEED	SLOPE
HASKELL SIDEOATS GRAMA	<i>BOUTELOUA CURTIPENDULA</i>	CONTAINER/ SEED	SLOPE
BUFFALOGRASS	<i>BOUTELOUA DACTYLOIDES</i>	SOD	NATIVE
BERMUDAGRASS	<i>CYNODON DACTYLON</i>	SOD OR HYDRO-MULCH	ADAPTED

Irrigation

BASIC PRODUCT CATEGORY	SUBCATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	SPECIFICATION	NOTES	NSF 61 CERTIFIED
ROTORS		RAINBIRD OR APPROVED EQUAL	HIGH EFFICIENCY			
SPRAY NOZZLES (TURF AREAS)		RAINBIRD OR APPROVED EQUAL	HIGH EFFICIENCY			
SHRUB NOZZLE ADAPTER (PLANT BED AREAS)		RAINBIRD OR APPROVED EQUAL				
SHRUB NOZZLES (PLANT BED AREAS)		RIGGS OR APPROVED EQUAL	SN8-24			
BRASS GATE VALVE, DOMESTIC MANUFACTURER		NIBCO	T-113			
DRIP IRRIGATION		NETAFIM	UNITECHLINE OR TECHLINE			
SOLENOID VALVE DC LATCHING SOLENOID		RAIN BIRD OR APPROVED EQUAL	PEB-PRS-B SERIES			
QUICK COUPLING VALVES		RAIN BIRD	MODEL 44RC			

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PVC BALL VALVES		SPEARS OR APPROVED EQUAL	COMPACT UNIT			
BACKFLOW PREVENTER		FEBCO	DOUBLE CHECK VALVE			
DOUBLE CHECK BOX			PLASTIC "JUMBO" DCA			