

**City of Celina Approved Materials List
September, 2019**

Version 09-2019

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
		TRACER WIRE	DIRECTIONAL DRILLING	1245B - EHS		COPPERHEAD
		TRACER WIRE	PIPE BURST	PBX-50B		COPPERHEAD
		TRACER WIRE TEST STATION	SNAKEPIT	RB14BTP		COPPERHEAD
2.1.6.B	ANSI/AWWA C151 / A21.50	PIPE MAIN	DUCTILE	CL51 / ENGINEER APPROVAL	4"-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/RED OXIDE PRIMER	4" -24"	
	A-36 A-568 A-135 / AWWA C-210	PIPE CASING	STEEL ENCASEMENT	0.375 WALL W/ RED OXIDE PRIMER	27" - 42"	
	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
2.1.6.C	ANSI/AWWA C153/A21.53 / NSF 61	FITTING WATER	MECHANICAL JOINT	C153 COMPACT	2" - 48"	DOMESTIC - TYLER UNION OR APPROVED EQUAL



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2.1.6.	ANSI/AWWA C153/A21.53	FITTING RESTRAINT	EBAA MEGALUG	PV1100 FOR DUCTILE IRON	2" - 48"	EBAA IRON
2.1.6.	ANSI/AWWA C153 UL/FM ISO 9001-2008	FITTING RESTRAINT	TYLER TUFF GRIP	SERIES 100 FOR DUCTILE IRON	2" - 48"	DOMESTIC - TYLER UNION
2.1.6.	ANSI/AWWA C153 UL/FM ISO 9001-2008	FITTING RESTRAINT	TYLER TUFF GRIP	SERIES 2000 FOR PVC	2" - 48"	DOMESTIC - TYLER UNION
		METER SERVICE	SADDLE	BR2B X CC THREAD	1" - 2" TAP	MUELLER
2.1.7.	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	CORPORATION STOP	G15008	1" - 2"	MUELLER
	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	SETTER	389G2478-2A13N	1"	MUELLER
	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	SETTER	105G2422-6A04N	2"	MUELLER
	C800 ANSI/NSF 61 NO LEAD	METER SERVICE	NIPPLE		1"X12" / 2"X12"	DOMESTIC
		METER SERVICE		COUPLING	G15403	1" - 2"
		METER SERVICE		INSERT / SS STIFFNER	528705/528706/ 528707	1" - 2"
		METER BOX	PLASTIC METER BOX WITH LID	DFW37A-14-1SFDEEP CELINA	1" METER	DFW PLASTICS
		METER BOX	PLASTIC METER BOX	DFW65C-14-1DSFDEEP CELINA	2" METER	DFW PLASTICS
		METER VAULT	LARGE METER	ENGINEER APPROVAL	3" AND LARGER	PARK, TURNER, OLDCASTLE, OR APPROVED EQUAL
		METER SERVICE	COUPLING	G15403	1" - 2"	MUELLER



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2.1.8.	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE	2" - 16"	MUELLER OR APPROVED EQUAL
2.1.8.	C-515	VALVE MAIN	GATE VALVE	RESILIENT WEDGE WITH SPUR GEAR	18" AND LARGER	MUELLER OR APPROVED EQUAL
2.1.8.	C-504	VALVE MAIN	BUTTERFLY VALVE	150B FLANGED OR MECHANICAL JOINT	20" AND LARGER	PRATT, MUELLER, OR APPROVED EQUAL
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 02	2" AND LARGER	PRATT
		VALVE AIR	AIR RELEASE VALVE BOX	DFW65C-14-1DSFDEEP CELINA	2" AND LARGER	DFW PLASTICS
	A-48 AASHTO	VALVE BOX	THREE PIECE VALVE BOX	6850 WITH LID	2" AND LARGER	DOMESTIC- TYLER UNION OR APPROVED EQUAL
2.1.9.		FIRE HYDRANT	HYDRANT WITH INTEGRAL STORZ FITTING	MA423 SUPER CENTURION-CELINA	6" LEAD	MUELLER
		FIRE HYDRANT	HYDRANT	MEDALLION-F2545-CELINA	6" LEAD	CLOW
	C-207, C-900	FIRE RISER	IN-BUILDING RISER	SERIES IBR WITH FLANGED END CONNECTION ON THE OUTLET		AMES FIRE AND WATERWORKS



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2.1.10	C-207	TAP MAIN	TAPPING SLEEVE	665 316 ALL STAINLESS, H304SS		SMITH BLAIR, MUELLER OR EQUAL
2.1.11.		VALVE FLUSHING	AUTO FLUSHING VALVE	9800	DEAD END MAIN	ECLIPSE
			AUTO FLUSHING VALVE	HG4	DEAD END MAIN	MUELLER
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 OR APPROVED EQUAL
		TRACER WIRE	DIRECTIONAL DRILLING	1245G - EHS		COPPERHEAD OR APPROVED EQUAL
		TRACER WIRE	PIPE BURST	PBX-50G		COPPERHEAD OR APPROVED EQUAL
		TRACER WIRE TEST STATION	SNAKEPIT	RB14GTP		COPPERHEAD OR APPROVED EQUAL
	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 ENCASMENT	0.25 WALL W/RED OXIDE PRIMER	4" -24"	DOMESTIC
	A-36 A-568 A-135 / AWWA C-210	PIPE CASING	STEEL ENCASMENT	0.375 WALL W/ RED OXIDE PRIMER		DOMESTIC
	ASTM D3212	GRAVITY FLOW PIPE ADAPTOR	SEWER TAP (REHAB)	INSERTA TEE		INSERTA FITTING CO.



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SANITARY SEWER						
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, ARI D-025 NYLON COMBINATION AIR VALVE OR APPROVED EQUAL
2.2.8. D	C-478	MANHOLE SAN SEWER	MANHOLE WITH ANTIMICROBIAL ADDITIVE	CONSHIELD PRECAST	48" AND LARGER	HANSON (FORTERRA) AND TURNER
2.2.8. D	C-478	MANHOLE SAN SEWER	MANHOLE WITH ANTIMICROBIAL ADDITIVE	CONSHIELD CAST IN PLACE	48" AND LARGER	REDI MIX
		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



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STREET SIGNS AND LIGHT						
DESIGN REFERENCE	AWWA OR ASTM	PRODUCT	DESCRIPTION	TYPE / STYLE / MODEL	SIZE	MANUFACTURER
		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
		THOROUFFARE STREET LIGHT POLES	ROUND TAPERED FLUTED SHAFT	RTSF30-6.8-11-(F)-26S-SBP-BSC-WA20CM W/ (2) RA18-06-2-(F)-S		UNION METAL CORPORATION 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 WILD RYE	<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

Common Name	Scientific Name	Container Size to be Planted	Maximum Mature Size	Remarks
TREES (LARGE SHADE)				
OAK, CHINQUAPIN	<i>QUERCUS MUEHLENBERGII</i>	SEE PLANS	80' H 80' W	NATIVE
TREES (MEDIUM SHADE)				
BALD CYPRESS	<i>TAXODIUM DISTICHUM</i>	SEE PLANS	80' H 50' W	NATIVE
ELM, CEDAR	<i>ULMUS CRASSIFOLIA</i>	SEE PLANS	90' H 80' W	NATIVE
PISTACHIO, CHINESE	<i>PISTACIA CHINENSIS</i>	SEE PLANS	70' H 50' W	ADAPTED
TREES (LIVING SCREEN)				
HOLLY, FOSTER	<i>ILEX X ATTENUATA 'FOSTERI'</i>	SEE PLANS	20' H 10' W	ADAPTED
HOLLY, NELLIE R. STEVENS	<i>ILEX X 'NELLIE STEVENS'</i>	SEE PLANS	25' H 15' W	ADAPTED
SHRUBS				
DWARF CRAPE MYRTLE	<i>LAGERSTROEMIA INDICA</i>	SEE PLANS	3' H 3' W	DWARF



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DWARF NANDINA	<i>NANDINA DOMESTICA</i>	SEE PLANS	3' H 3' W	DWARF
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SHRUBS

DWARF YAUPON HOLLY	<i>ILEX VOMITORIA 'NANA'</i>	SEE PLANS	3' H 3' W	DWARF
HAWTHORN, INDIAN	<i>RHAPHIOLEPSIS INDICA</i>	SEE PLANS	3' H 4' W	ADAPTED
RED YUCCA	<i>HESPERALOE PARVIFLORA</i>	SEE PLANS	3' H 3' W	NATIVE
TEXAS SAGE, SILVERADO	<i>LEUCOPHYLLUM FRUTESCENS 'SILVERADO'</i>	SEE PLANS	3' H 3' W	NATIVE

Irrigation

BASIC PRODUCT CATEGORY	SUBCATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	SPECIFICATION	NOTES	NSF 61 CERTIFIED
ROTORS		HUNTER, RAINBIRD, TORO	HIGH EFFICIENCY			
SPRAY NOZZELS (TURF AREAS)		HUNTER, RAINBIRD, TORO	HIGH EFFICIENCY			
SHRUB NOZZLE ADAPTER (PLANT BED AREAS)		RAINBIRD				
SHRUB NOZZLES (PLANT BED AREAS)		RIGGS	SN8-24			
BRASS GATE VALVE, DOMESTIC MANUFACTURER		NIBCO	T-113			
DRIP IRRIGATION		NETAFIM	UNITECHLINE OR TECHLINE			
SOLENOID VALVE		RAIN BIRD	PEB-PRS-B SERIES			
QUICK COUPLING VALVES		RAIN BIRD	MODEL 44RC			
PVC BALL VALVES		SPEARS OR APPROVED EQUAL	COMPACT UNIT			
BACKFLOW PREVENTER		FEBCO	DOUBLE CHECK VALVE			
DOUBLE CHECK BOX			PLASTIC "JUMBO" DCA			

