



Approved Product List

2021

Utilities & Engineering Department

121 SW Flagler Avenue, Stuart, FL 34994

City of Stuart Approved Product List

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Potable Water

1. FIRE HYDRANTS:
 - a. Clow Medallion
 - b. American B84b
 - c. Mueller Super Centurion 250
2. AIR RELEASE VALVES (2"):
 - a. Valmatic V.M. 38 (or approved equal)
3. RESILIENT WEDGE GATE VALVES (Including OS&Y):
 - a. Clow #2638
 - b. American Flow Control Series 2500
 - c. Mueller #A-2360
4. TAPPING VALVES:
 - a. American Flow Control Series 2500
 - b. Mueller #T2360
 - c. Clow #2638
5. TAPPING SLEEVES (304 SS with 304 SS Bolts):
 - a. Ford Fast/ FTSS
 - b. JCM #432
 - c. Mueller H304
 - d. Smith-Blair #662
6. DUAL CHECK VALVES (Residential):
 - a. Mueller H14242A – 1" service
 - b. Mueller H14243A – ¾" service
 - c. Ford HHC11-444 – 1" service
 - d. Ford HHC11-333 – ¾" service
 - e. Watts Series 7
7. REDUCED PRESSURE ASSEMBLY BACKFLOW DEVICES:
 - a. Ames 4001SS

- b. Ames 5001SS
 - c. Wilkins Zurn 975XL
8. DOUBLE CHECK ASSEMBLY:
- a. Conbraco 40-100 (2 ½"-10")
 - b. Watts 709 (2 ½" - 10")
 - c. Ames 2000SS
9. DOUBLE DETECTOR CHECK ASSEMBLY:
- a. Conbraco 40-600 (3"-10")
 - b. Watts 709 DCDA (3"-10")
 - c. Ames 3000SE DCDA
10. MECHANICAL JOINT & FLANGED FITTINGS (Cement lined/Epoxy coated DIP):
- a. Tyler Union
 - b. U.S. Pipe
 - c. Griffin
 - d. American
11. MECHANICAL RESTRAINTS:
- a. Mechanical Joints:
 - 1. EBAA Iron- MEGALUG
 - 2. Uniflange (Manufactured in U.S.)
 - b. Self-Restraining Gaskets (for push-on DIP pipe):
 - 1. U.S. Pipe- Field Lok
12. METER VALVES (curb stops):
- a. Ford B43-444W-G – 1" service
 - b. Ford BF43-777W-G – 1 ½" & 2" service
 - c. Ford UAV43-42W-65-G – Double 5/8" x 3/4" service
 - d. McDonald 6101W – 5/8" to 2"
13. CORPORATION STOPS:
- a. Ford FB1000-xx-G-NL (3/4" – 2")
 - b. Ford FB1600-xx-NL (3/4" – 2")

- c. Mueller B-25008
- 14. SERVICE SADDLES (SS):
 - a. Romac
 - b. Smith-Blair #317
- 15. APPROVED REPAIR FITTINGS:
 - a. Smith-Blair
 - b. Tyler Union
- 16. METERS- Displacement Type, Magnetic Drive ($\frac{3}{4}$ " – 2"):
 - a. Sensus SR11 (U.S. gallons with encoder)
 - b. Neptune- Procoder/touch coupler (U.S. gallons)
- 17. METERS- Displacement Type, Magnetic Drive:
 - a. Rosemont
- 18. METERS- Turbine Type:
 - a. Sensus Series W
 - b. Neptune- Procoder/touch coupler (U.S. gallons)
- 19. METERS- Compound 2"-4":
 - a. Sensus OMNI C2/R2
 - b. Neptune- Procoder/touch coupler (U.S. Gallons)
- 20. METERS- Compound 6" or larger:
 - a. Sensus OMNI C2
 - b. Neptune- Procoder/touch coupler (U.S. gallons)
- 21. METERS- Fire Service:
 - a. Sensus OMNI F2 Compound/Compact
 - b. Neptune- 6" x 1 $\frac{1}{2}$ " stainless Procoder/touch coupler (U.S. gallons)
- 22. METER STRAINERS (2" and larger):
 - a. Sensus
 - b. Neptune
- 23. METER BOXES/NAULTS (including lids & Covers):
 - a. CDR (or approved equal)

1. Single- B02118508 with brass
2. Lid- C00111802P
3. Double- B031517506 with brass
4. Lid- C00151702P050Y dual

24. DEAD-END FLUSHING HYDRANT:

- a. Aquarius 101

25. LOCATE WIRE PORTS:

- a. Copperhead SnakePit

26. JACK & BORE CASING INSULATOR:

- a. Cascade

Wastewater

1. RESILIENT WEDGE GATE VALVES:
 - a. Clow #2638
 - b. American Flow Control Series 2500
 - c. Mueller #A-2360
2. RESILIENT WEDGE TAPPING VALVES:
 - a. Clow #2638
 - b. American Flow Control Series 2500
 - c. Mueller #T-2360
3. TAPPING SLEEVES (304 SS with 304 SS Bolts):
 - a. Ford Fast/ FTSS
 - b. JCM #432
 - c. Mueller H304
 - d. Smith-Blair #662
4. MECHANICAL JOINTS & FLANGED FITTINGS:
 - a. Tyler Union
 - b. U.S. Pipe
 - c. Griffin
5. MECHANICAL RESTRAINTS:
 - a. Mechanical Joints:
 1. EBAA Iron- MEGALUG
 2. Uniflange (manufactured in U.S.)
 - b. Self-Restraining Gaskets (for push-on DIP):
 1. U.S. Pipe- Field Lok
6. SERVICE SADDLES (Double Strap Saddles ONLY):
 - a. Romac #202
 - b. INSERTA Tee "FatBoy"- 4P26FB8CL

7. LOW PRESSURE SEWER TAPPING SADDLE:
 - a. Flo-Control Flo-Tap saddle (Self tapping)
8. MANHOLE COVERS (H-20 traffic load bearing):
 - a. U.S. Foundry Model #230-AB-M (or approved equal)
9. MANHOLE/WETWELL/VALVE PIT COATING:
 - a. REZKLAD E-HI Build 110
 - b. Refratta HAC-100
10. RAINGUARDS:
 - a. FOSROC-PRECO Industries (or approved equal)
11. APPROVED FOR REPAIR FITTINGS:
 - a. One & Done MAZADAPTOR
 - b. Fernco Pro-Flex

Low Pressure Sewer

1. CONTROL PANELS:
 - a. Ohio Electric Controls Company Simplex
 - b. Keen KCG2-21S (230V,2HP)
2. PUMPS:
 - a. Goulds 1GD51G1A (2HP)
 - b. Keen LCG2-2401 (2HP, 240V, 1 Phase)
3. TANKS:
 - a. High Density Polyethylene or HDPE (24" x 60")
 - b. Fiberglass (24" x 60")
4. HOUSE DISCONNECT:
 - a. GE 60A (or approved equal)

Pump Stations

1. SUBMERSIBLE SEWAGE PUMPS:

a. Grundfos

2. AIR RELEASE VALVES (2" inlet):

a. A.R.I. D-023

3. CHECK VALVES:

a. Clow F-5345

b. American "50" line with spring lever

c. Kennedy

4. PUMP STATION CONTROLS:

Items are for either 3 phase or 1 phase panels, except that the items marked with an asterisk (*) are for single phase.

CODE	DESCRIPTION	QUANTITY	MODEL NO.	MANUFACTURER
AH	Alarm Horn	1	31T115R	WHEELOC
AL	Waterproof Alarm w/ ruby red globe & 100W light	1	VKVGR100, V131	Dayton, Stonco
CB1,2	60/3 Circuit Breaker	2	QOU360	Square-D
CB3,4	15/1 Circuit Breaker	2	QOU115	Square-D
*CB5,6	20/2 Circuit Breaker	2	QOU215	Square-D
CB5,6	30/3 Circuit Breaker	2	QOU330	Square-D
E	48"x36"x12" NEMA 4X 316 SS enclosure w/ padlockable 3-point latching mechanism	1	A-48H3612SS6LP	Quality Control Hoffman or Shaffer
GFI	20A Receptacle	1	GFDR-1201C	Square-D
GR	Generator Receptacle	1	JRE4100	Pyle Nation

LM	Mechanical Lockout Mechanism	See Specs.		
1,2	NEMA Size 1 Motor Starter	2	Bulletin 509, NEMA size w/ 120VAC Coil Class 8536, SC0-3 w/ 120VAC Coil	Square-D, Allen-Bradley
M1,2-1,2	Auxiliary Contacts	4	Normally Open Contact	Square-D, Allen-Bradley
ML	Maint. Light w/ Lamp	1	9063	Leviton
PB1	N.O. Pushbutton switch	1	800T-A2A Type SKR18H13	Square-D, Allen-Bradley
R1	General Purpose 2pdt relay 120Vac Col1	1	AAE-A201S AA, RR2P-U-120VAC, MK2P-UA-AC120 Class 8501 Type KP-12 120VAC	Electric, Idec, Omron, Square-D
*RC	Capacitor			GE, Mars
RELAY	11 pin Octal Type Socket	1	S8, SR2P-06, PF083A, Class 8051 Type NR51	Square-D, Porter, Bromfield, Omron
RESET	Motor Starter Reset Mechanism	2	Class 9066	Square-D, Allen-Bradley
RUN	120VAC Indicator	2	800T-Q10R Class 9001 Type DPIR9	Square-D, Allen-Bradley
TB1-3	Terminal Block		Type GR6	Square-D
TU1-3	Thermal Overload Unit	6	Size to accommodate F.L.A. of motor	Square-D, Allen-Bradley
FLT	Mechanical Float Switch	5		Roto-Float