



**PITTSFIELD CHARTER TOWNSHIP
SHOP DRAWING CHECKLIST**

3754 Ranchero Drive
Ann Arbor, Michigan 48108-2771
734-761-1010
734-761-1200 (Fax)

Date: _____ U.S.W. Number: _____

Contractor: _____

Project Name: _____

SANITARY SEWER	MANUFACTURER	REQ'D
Pipe Cert. Letter	PVC SDR 26	
Pipe Cert. Letter	RCP C-76	
Pipe Fittings Cert Letter and cut sheets	PVC SDR 26 fittings an	
Flexible pipe to manhole connector	Kor-N-Seal, Press Wedge, Pipe & Seal or equal	
Typical Manhole	Precast concrete structure cut sheet	
Adjustment Rings	ASTM D1248-84 HDPE Ladtech	
Inside Drop Connection	Reliner By Duron	
Manhole Component Part Cut Sheet	For ALL Structures	
Cover With Pct logo	EJ 1040AGS Lettered "PITTSFIELD TWP. SANITARY SEWER" With PCT Logo and EJ 1040Z bolt down frame	
Cleanout Cover	EJ 1574 Mnument Box lettered 'SANITARY'	
STORM SEWER	MANUFACTURER	REQ'D
Pipe Cert. Letter	RCP C-76, CL IV	
Pipe Cert. Letter	HDPE / CMP	
Pipe Cert. Letter	PVC Schedule 40 or equal	
Typical Manhole/Inlet	Precast concrete structure cut sheet	
Typical End Section	RCP C-76, CL II	
Typical Animal Grates for End Sections	MDOT Std Typical Animal Grates for End Section	
Manhole Component Part Cut Sheet	For ALL Structures	
Manhole Step	MA PS1-PF or Am. ML-10 and or PS1-B or Am. MSN 10	
Manhole Frame for 24-inch dia structure	EJ 1045Z	
Manhole Frame	EJ 1040Z	
Cover	EJ 1040B Lettered "STORM SEWER" with 8 Pick Holes	
Curb Inlet	EJ 7045 & M1 Grate EJ 7050 T2 <i>with Trout logo</i>	
Yard Inlet	EJ 1040N 7" <i>with Trout logo</i>	
Catch Basin	EJ 1040M1 or M2 With <i>Trout logo</i>	
Cleanout Cover	EJ 1574 Mnument Box lettered 'STORM'	
Soil Erosion Control	Silt Sack	
Perforated Riser & Cover	Cut Sheet showing hole elev. / Per Plans	

WATER MAIN	MANUFACTURER	REQ'D
Pipe Cert. Letter	PC-350, DCL, Ductile Iron	
Pipe Wrapping	V-bio Polyethylene Wrap Anti-microbial ANSI/AWWA C105/A21.5	
Gate Valve	EJ FlowMaster Resilient Seated wedge Tyton Joint (Push-on), Clow F-6112; US Pipe / <i>Open Right</i>	
Tapping Valve	EJ FlowMaster Resilient Seated wedge MJ x Tapping Joint, Clow F-6112; US Pipe / <i>Open Right</i>	
Butterfly Valve	Pratt GroundHog Ductile iron body approved equal (Greater Than 16-inch water main line) / <i>Open Right</i>	
Insertion Valve	U S Pipe Free Flow Model or approved equal	
Tapping Sleeve	Ford Fast or JCM 432 or Romac SST or PowerSeal 3490AS or Dresser 630 (<i>stainless steel flange & hardware</i>).	
Corporation	FB1000-X-Q-NL; McDonald 74701B Q-CTS; <i>compression (ball valve only), no lead brass</i>	
Curb Stop	Ford B44-XXX-Q-NL, McDonald 76100 Q CTS <i>compression (ball valve only), no lead brass</i>	
Coupling	Ford C44- XX; McDonald 74758 Q CTS/ Compression, <i>no lead brass</i>	
Hydrant	EJ 5BR 250 / <i>Standard Head / 6 ft bury/Mechanical Shoe with Cor-Blue hardware Open Left</i>	
Hydra-Storz Adaptor	Harrington (4-inch)	
Fire Service Riser	Welded Fire Riser	
Pipe Fittings	Class 350 (Push - On) Solid Sleeves with Mechanical Joint and Cor-Blue Hardware	
Water Service Pipe Certification Letter	Soft Annealed Type K	
Post Indicator	Clow model 2945A , By the same manufacturer as PIV valve. <i>Open Left</i>	
PI Valve	Clow Model 2639 with Clow F-6112 Push - On connection / Ductile Iron Valve <i>Open Left</i>	
Gateway	Kor N Seal, Precast concrete structure (Integral Base)	
Tapping Well	Precast concrete structure cut sheet	
Gateway Cover / pct logo	EJ 1040 A Lettered "PITTSFIELD TWP. WATER" and with PCT logo .	
Valve Box	EJ 8560 5172 DD Series, three piece screw style Valve Box with # 6 base, Tyler 6860-D	
Service Curb Box	Ttyler / Union 95-E screw style two piece service box (30T Top and 39B Bottom) Extension if needed	
Tracer Wire	(Open Cut) Copperhead high strength Part#: 1230-HS Copper w/ <i>Blue</i> Insulation	
Tracer Wire Connector <i>Open-cut</i>	SnakeBite Twist Lock Connector LSC1230B (clear)	
Joint Restraint	U. S. Pipe - Field Lok. Megalug or equal when MJ is required	
Bore & Jack / Casing Spacers	ASTM A 139 Grade B / HDPE with SS 304 hrdwr.	
W. Service SS Tapping Sleeve	Ford FS 323 double Band Stainless Steel Saddle, JCM 438 2-inch with CC threads outlet (<i>stainless steel hardware</i>)	

NOTES:

1. The number of shop drawing packages submitted must be in accordance with the pre-construction meeting discussion.
2. Shop drawings must be collated and stapled or bound. Packages not submitted in this manner will be returned.
3. Faxed copies of shop drawings will not be accepted.
4. Ten day turnaround time for shop drawing review upon receipt of the shop drawing package and approved engineering plans.
5. All **signed** pipe certification letters **MUST** be on letterhead of the supplier and have the following: Contractor's name, Project name Township name, Current date and certification of pipe provided. Also include manufacturer's product specifications and product data sheets.
6. All products supplied on this project must be **Made in USA**
7. All steel overflow structures shall be Hot Dip Galvanized after fabrication. All holes shall be drilled.

RETURN THIS FORM WITH THE SHOP DRAWING SUBMITTAL PACKAGE TO TONY TYLER AT STANTEC