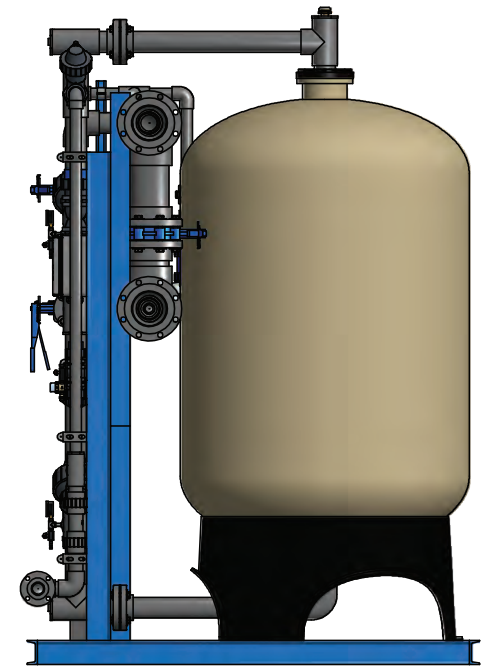
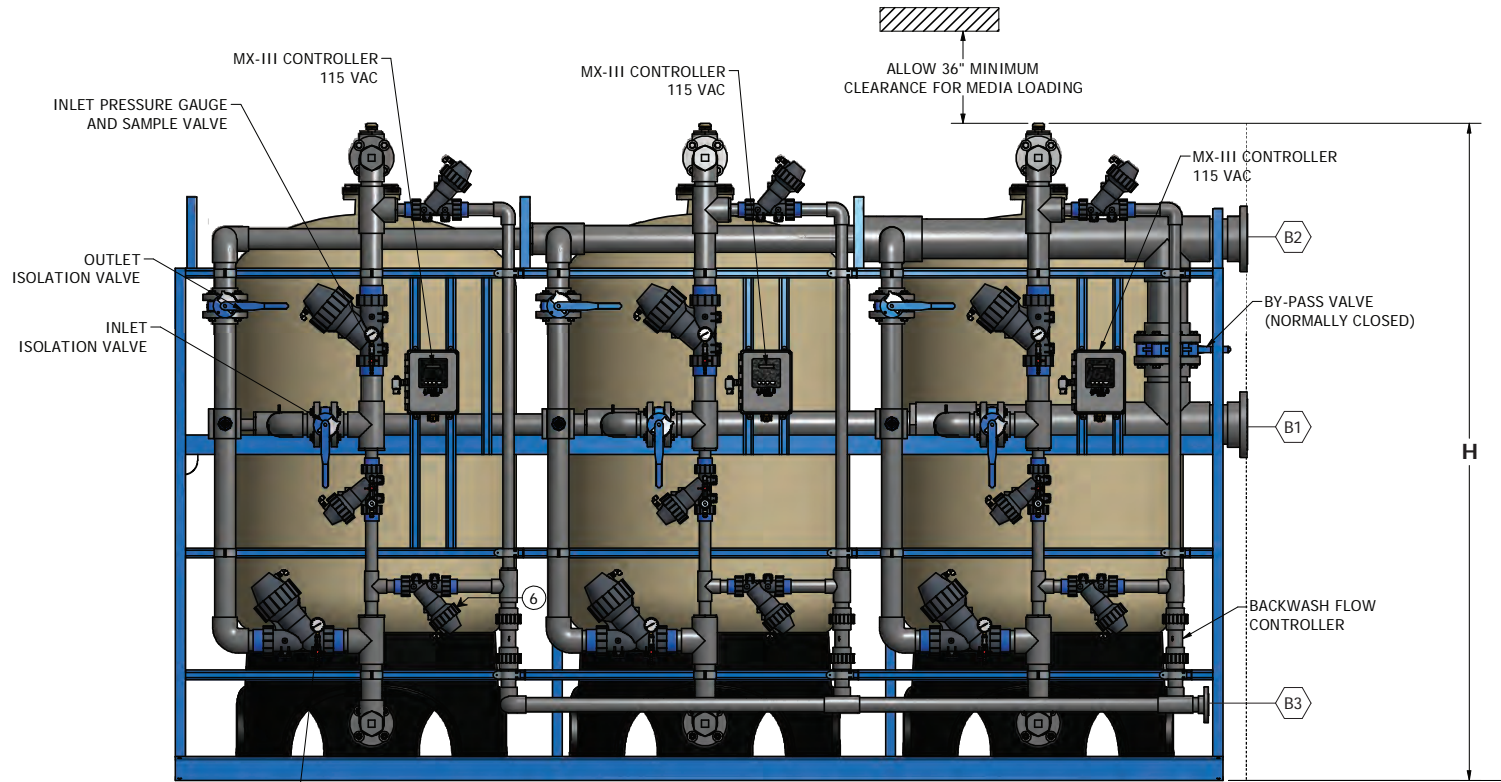
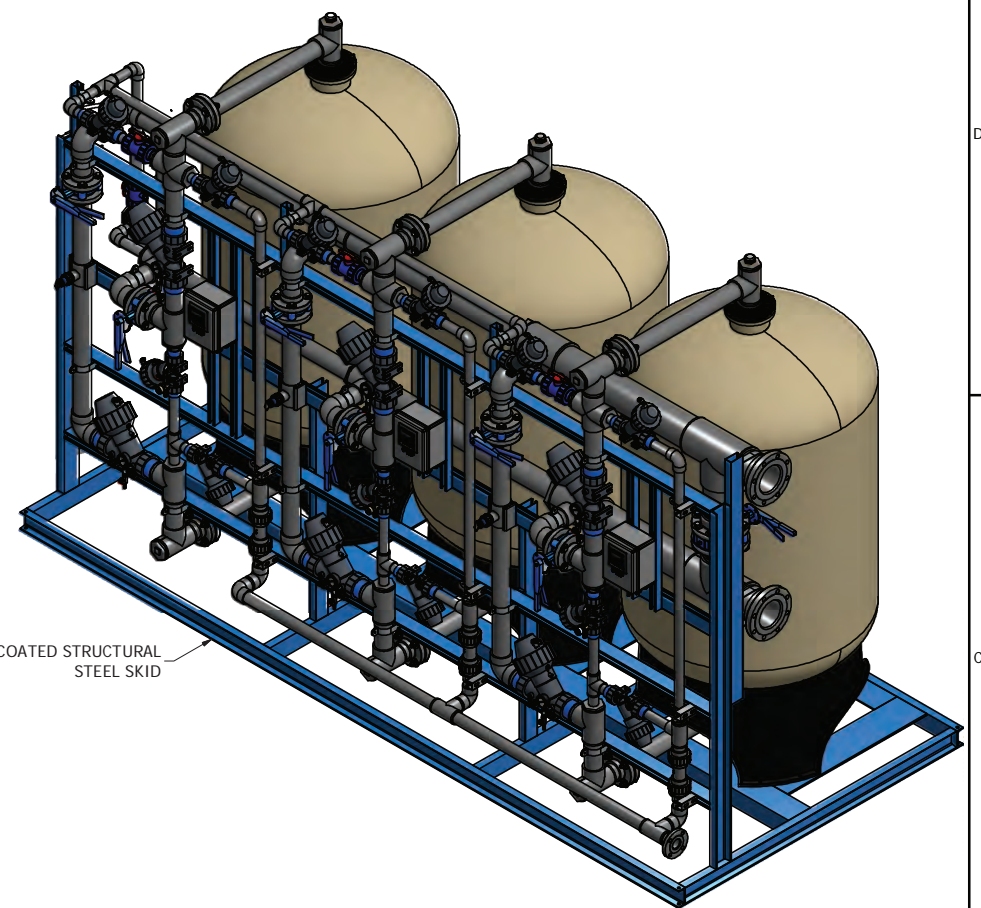
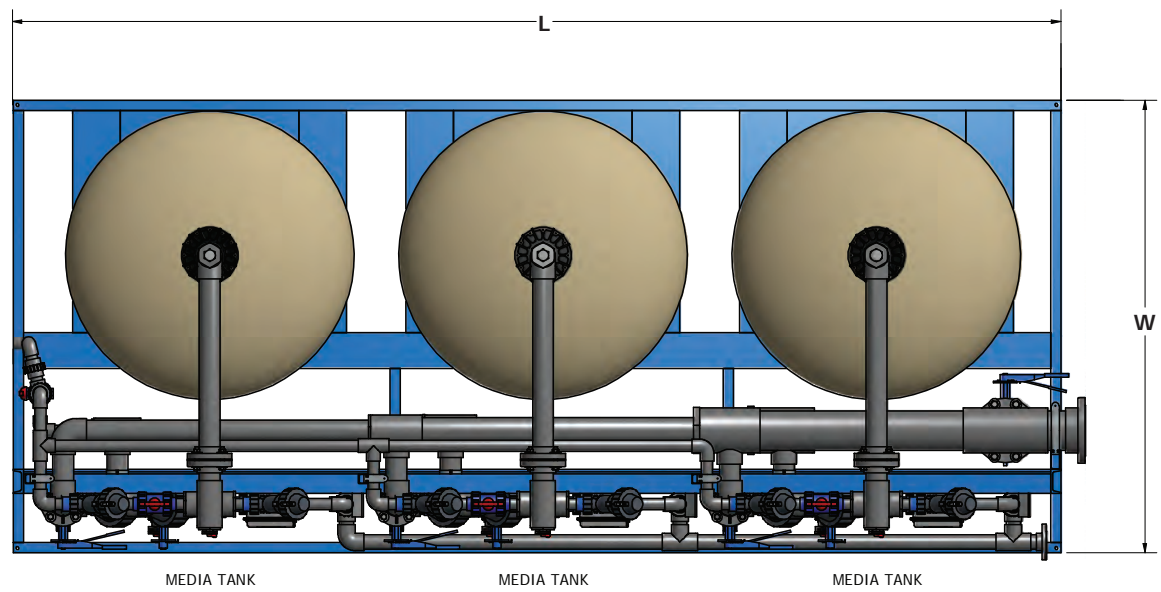


ITEM	DESCRIPTION	CONNECTION SCHEDULE		SIZE	CONNECTION	MATERIAL	DIMENSIONS		
		LOCATION	MAX. FLOW				LENGTH	WIDTH	HEIGHT
B1	RAW WATER INLET (30-100 PSIG)	MEDIA FILTER SKID			150# FLANGE	SCH. 80 PVC			
B2	FILTERED WATER OUTLET	MEDIA FILTER SKID			150# FLANGE	SCH. 80 PVC			
B3	WASTE TO DRAIN	MEDIA FILTER SKID			150# FLANGE	SCH. 80 PVC			

- CONSTRUCTION NOTES:**
- ALL EQUIPMENT IS MOUNTED ON A EPOXY COATED STRUCTURAL STEEL SKID.
  - ALL PIPING IS SCHEDULE 80 PVC.
  - ALL MANUAL VALVES ARE BUTTERFLY TYPE, CAST IRON BODY, EPDM SEAT WITH A 304SS DISK.
  - ALL AUTOMATIC VALVES ARE AQUAMATIC PLASTIC Y-PATTERN TYPE.
  - ALL CONTROLLERS ARE MX-III TYPE. FILTERS ARE TIMECLOCK BASED BACKWASH FREQUENCY OR HIGH DIFFERENTIAL PRESSURE INITIATED. (OPTIONAL)
  - PRESSURE VESSELS ARE 150 PSI FRP CONSTRUCTION (NON-CODE).
  - ALL FILTER MEDIA TO BE SHIPPED SEPARATELY AND LOADED AT JOB SITE AFTER INSTALLATION.
  - ENTIRE SYSTEM TO BE HYDROTESTED AT 100 PSI FOR A MINIMUM OF TWO HOURS.
  - PRESSURE GAUGES AND SAMPLE VALVE ARE PROVIDED ON THE INLET AND OUTLET OF EACH FILTER.
  - MEDIA LOADING:
 

MEDIA:	CUFT/TANK
GRAVEL SUB-FILL:	CUFT/TANK
  - ALL PRESSURE VESSELS HAVE PVC INTERNAL DISTRIBUTORS WITH FINE SLOTTED LATERALS.
  - ALL HYDRAULIC VALVE CONTROL TUBING TO BE 1/4" OD POLYETHYLENE NEATLY BUNDLED TO PIPING MANIFOLDS.
  - ALL MX-III CONTROLS HAVE PLUG IN 115V POWER CORDS. AUTOMATIC VALVES ARE OPERATED BY A 4-POSITION MOTOR DRIVEN STAGER.



**PRELIMINARY - NOT FOR CONSTRUCTION**

REVISIONS			
NO.	DATE	BY	REMARKS



MFG-SM TRIPLEX MEDIA FILTER SKID GENERAL ARRANGEMENT			
FRAC.	DEC.	FILE ID.	
DRN: Anthony	SCALE	SHEET 1 OF 1	
APPD.	DRAWING NO.		
DATE 1/21/2019			