

# DUCKETT CREEK SANITARY DISTRICT CONSTRUCTION NOTES

- Underground utilities have been plotted from available information and therefore location shall be considered approximate only. The verification of the location of all underground utilities, either shown or not on these plans, shall be the responsibility of the contractor and shall be located prior to any grading or construction of improvements.
- Gas, water and other underground utilities shall not conflict with the depth or horizontal location of existing or proposed sanitary and storm sewers, including house laterals.
- All existing site improvements disturbed, damaged or destroyed shall be repaired or replaced to closely match preconstruction conditions.
- All fill including places under proposed storm and sanitary sewer lines and paved areas including trench backfills within and off the road right-of-way shall be compacted to 90 percent of maximum density as determined by the "Modified AASHTO T-180 Compaction Test (ASTM D1557)". All tests shall be verified by a Soils Engineer concurrent with grading and backfilling operations. The compacted fill shall be free of rutting and shall be non-yielding and non-pumping during proofrolling and compaction.
- The contractor shall prevent all storm, surface water, mud and construction debris from entering the existing sanitary sewer system.
- All sanitary sewer flowlines and tops built without elevations furnished by the engineer will be the responsibility of the sewer contractor.
- Easements shall be provided for all sanitary sewers, storm sewers and all utilities on the record plot.
- All sanitary sewer construction and materials shall conform to the current construction standards of the Duckett Creek Sanitary District.
- The Duckett Creek Sanitary District shall be notified at least 48 hours prior to construction for coordination of inspection.
- All sanitary sewer building connections shall be designed so that the minimum vertical distance from the low point of the basement to the flowline of a sanitary sewer at the corresponding building connection shall not be less than the diameter of the pipe plus the vertical distance of 2-1/2 feet.
- All sanitary sewer manholes shall be waterproofed on the exterior in accordance with Missouri Dept. of Natural Resources specification 10 CSR-8.120(7)(E).
- All PVC sanitary sewer pipe shall conform to the requirements of ASTM D-3034 Standard Specification for PSM Polyvinyl Chloride Sewer Pipe, SDR-35 or equal, with "clean" 1/2 inch to 1 inch granular stone bedding uniformly graded. This bedding shall extend from 4 inches below the pipe to springline of pipe. Immediate backfill over pipe shall consist of same size "clean" or "minus" stone from springline of pipe to 6 inches above the top of pipe.
- All sanitary and storm sewer trench backfills shall be water jetted. Granular backfill will be used under pavement areas.
- All pipes shall have positive drainage through manholes. No flat invert structures are allowed.
- All creek crossings shall have grouted rip-rap as directed by district inspectors. (all grout shall be high slump ready-mix concrete).
- Brick shall not be used on sanitary sewer manholes.
- Existing sanitary sewer service shall not be interrupted.
- Maintain access to existing residential driveways and streets.
- Pre-manufactured adapters shall be used at all PVC to DIP connection. Rubber boot/Mission-type couplings will not be allowed.
- Any permits, licenses, easements, or approvals required to work on public or private properties or roadways are the responsibility of the developer.
- \*Type N' Lock-Type Cover and Locking Device (Lock-Lug) shall be used where lock-type covers are required.
- It is the responsibility of the contractor to adjust all sanitary sewer manholes (that are affected by the development) to finish grade.

## FLEXSTORM INLET FILTERS PRODUCT SELECTION AND SPECIFICATION DRAWING

STAINLESS STEEL ROUND INLET FILTERS for W/PLAST CASTINGS CATCH-TITS SPECIFIED BY FK or FK-S BAGS

COMBINATION INLET FILTER FOR CURB HOODS

TYPICAL RECTANGULAR INLET FILTER

TYPICAL ROUND INLET FILTER

REAR CURB GUARD FLAP WITH MAGNETIC RE-DOING

STANDARD 2" OVERFLOW AREA

LIFT HANDLES

11 GAUGE STEEL SUSPENSION SYSTEM

STAINLESS STEEL CLAMPING BAND

REPLACABLE FIBERGLASS BAG WITH RECYCLED FILTER MEDIA

WALL MOUNT INLET FILTERS FOR OVER THREAT GUTTERS

1. IDENTIFY YOUR FRAME STYLE, SIZE, AND MATERIAL

STYLE	FRAME STYLE AND SIZE	Frame P/N
ROUND	Small Round (up to 20" dia gates (A) diam)	625RD
	Med Round (20.3" - 26.6" dia gates (A) up to 30" openings (B))	626RD
	Large Round (26.7" - 33.0" dia gates (A) up to 30" openings (B))	627RD
RECT	Small Rect (up to 18" dia gates (A) up to 27" openings (B))	625RQ
	Med Rect (up to 24" dia gates (A) up to 30" openings (B))	626RQ
	Large Rect (up to 30" dia gates (A) up to 30" openings (B))	627RQ
COMBO	Small Rect / Square (up to 24" (B) x 24" (D) openings or 30" perimeter)	625CQ
	Med Rect / Square (up to 30" (B) x 24" (D) openings or 30" perimeter)	626CQ
	Large Rect / Square (up to 36" (B) x 24" (D) openings or 30" perimeter)	627CQ
WALL MOUNT	16" Rect / Square (up to 16" (B) x 16" (D) openings or 44" perimeter)	625WQ
	24" Rect / Square (up to 24" (B) x 24" (D) openings or 60" perimeter)	626WQ
	32" Rect / Square (up to 32" (B) x 24" (D) openings or 60" perimeter)	627WQ
	48" Rect / Square (up to 48" (B) x 24" (D) openings or 60" perimeter)	628WQ
	60" Rect / Square (up to 60" (B) x 24" (D) openings or 60" perimeter)	629WQ
	72" Rect / Square (up to 72" (B) x 24" (D) openings or 60" perimeter)	630WQ
	96" Rect / Square (up to 96" (B) x 24" (D) openings or 60" perimeter)	631WQ
	120" Rect / Square (up to 120" (B) x 24" (D) openings or 60" perimeter)	632WQ
	144" Rect / Square (up to 144" (B) x 24" (D) openings or 60" perimeter)	633WQ
	168" Rect / Square (up to 168" (B) x 24" (D) openings or 60" perimeter)	634WQ
	192" Rect / Square (up to 192" (B) x 24" (D) openings or 60" perimeter)	635WQ
	216" Rect / Square (up to 216" (B) x 24" (D) openings or 60" perimeter)	636WQ
	240" Rect / Square (up to 240" (B) x 24" (D) openings or 60" perimeter)	637WQ
	264" Rect / Square (up to 264" (B) x 24" (D) openings or 60" perimeter)	638WQ
	288" Rect / Square (up to 288" (B) x 24" (D) openings or 60" perimeter)	639WQ
	312" Rect / Square (up to 312" (B) x 24" (D) openings or 60" perimeter)	640WQ
	336" Rect / Square (up to 336" (B) x 24" (D) openings or 60" perimeter)	641WQ
	360" Rect / Square (up to 360" (B) x 24" (D) openings or 60" perimeter)	642WQ
	384" Rect / Square (up to 384" (B) x 24" (D) openings or 60" perimeter)	643WQ
	408" Rect / Square (up to 408" (B) x 24" (D) openings or 60" perimeter)	644WQ
	432" Rect / Square (up to 432" (B) x 24" (D) openings or 60" perimeter)	645WQ
	456" Rect / Square (up to 456" (B) x 24" (D) openings or 60" perimeter)	646WQ
	480" Rect / Square (up to 480" (B) x 24" (D) openings or 60" perimeter)	647WQ
	504" Rect / Square (up to 504" (B) x 24" (D) openings or 60" perimeter)	648WQ
	528" Rect / Square (up to 528" (B) x 24" (D) openings or 60" perimeter)	649WQ
	552" Rect / Square (up to 552" (B) x 24" (D) openings or 60" perimeter)	650WQ
	576" Rect / Square (up to 576" (B) x 24" (D) openings or 60" perimeter)	651WQ
	600" Rect / Square (up to 600" (B) x 24" (D) openings or 60" perimeter)	652WQ
	624" Rect / Square (up to 624" (B) x 24" (D) openings or 60" perimeter)	653WQ
	648" Rect / Square (up to 648" (B) x 24" (D) openings or 60" perimeter)	654WQ
	672" Rect / Square (up to 672" (B) x 24" (D) openings or 60" perimeter)	655WQ
	696" Rect / Square (up to 696" (B) x 24" (D) openings or 60" perimeter)	656WQ
	720" Rect / Square (up to 720" (B) x 24" (D) openings or 60" perimeter)	657WQ
	744" Rect / Square (up to 744" (B) x 24" (D) openings or 60" perimeter)	658WQ
	768" Rect / Square (up to 768" (B) x 24" (D) openings or 60" perimeter)	659WQ
	792" Rect / Square (up to 792" (B) x 24" (D) openings or 60" perimeter)	660WQ
	816" Rect / Square (up to 816" (B) x 24" (D) openings or 60" perimeter)	661WQ
	840" Rect / Square (up to 840" (B) x 24" (D) openings or 60" perimeter)	662WQ
	864" Rect / Square (up to 864" (B) x 24" (D) openings or 60" perimeter)	663WQ
	888" Rect / Square (up to 888" (B) x 24" (D) openings or 60" perimeter)	664WQ
	912" Rect / Square (up to 912" (B) x 24" (D) openings or 60" perimeter)	665WQ
	936" Rect / Square (up to 936" (B) x 24" (D) openings or 60" perimeter)	666WQ
	960" Rect / Square (up to 960" (B) x 24" (D) openings or 60" perimeter)	667WQ
	984" Rect / Square (up to 984" (B) x 24" (D) openings or 60" perimeter)	668WQ
	1008" Rect / Square (up to 1008" (B) x 24" (D) openings or 60" perimeter)	669WQ
	1032" Rect / Square (up to 1032" (B) x 24" (D) openings or 60" perimeter)	670WQ
	1056" Rect / Square (up to 1056" (B) x 24" (D) openings or 60" perimeter)	671WQ
	1080" Rect / Square (up to 1080" (B) x 24" (D) openings or 60" perimeter)	672WQ
	1104" Rect / Square (up to 1104" (B) x 24" (D) openings or 60" perimeter)	673WQ
	1128" Rect / Square (up to 1128" (B) x 24" (D) openings or 60" perimeter)	674WQ
	1152" Rect / Square (up to 1152" (B) x 24" (D) openings or 60" perimeter)	675WQ
	1176" Rect / Square (up to 1176" (B) x 24" (D) openings or 60" perimeter)	676WQ
	1200" Rect / Square (up to 1200" (B) x 24" (D) openings or 60" perimeter)	677WQ
	1224" Rect / Square (up to 1224" (B) x 24" (D) openings or 60" perimeter)	678WQ
	1248" Rect / Square (up to 1248" (B) x 24" (D) openings or 60" perimeter)	679WQ
	1272" Rect / Square (up to 1272" (B) x 24" (D) openings or 60" perimeter)	680WQ
	1296" Rect / Square (up to 1296" (B) x 24" (D) openings or 60" perimeter)	681WQ
	1320" Rect / Square (up to 1320" (B) x 24" (D) openings or 60" perimeter)	682WQ
	1344" Rect / Square (up to 1344" (B) x 24" (D) openings or 60" perimeter)	683WQ
	1368" Rect / Square (up to 1368" (B) x 24" (D) openings or 60" perimeter)	684WQ
	1392" Rect / Square (up to 1392" (B) x 24" (D) openings or 60" perimeter)	685WQ
	1416" Rect / Square (up to 1416" (B) x 24" (D) openings or 60" perimeter)	686WQ
	1440" Rect / Square (up to 1440" (B) x 24" (D) openings or 60" perimeter)	687WQ
	1464" Rect / Square (up to 1464" (B) x 24" (D) openings or 60" perimeter)	688WQ
	1488" Rect / Square (up to 1488" (B) x 24" (D) openings or 60" perimeter)	689WQ
	1512" Rect / Square (up to 1512" (B) x 24" (D) openings or 60" perimeter)	690WQ
	1536" Rect / Square (up to 1536" (B) x 24" (D) openings or 60" perimeter)	691WQ
	1560" Rect / Square (up to 1560" (B) x 24" (D) openings or 60" perimeter)	692WQ
	1584" Rect / Square (up to 1584" (B) x 24" (D) openings or 60" perimeter)	693WQ
	1608" Rect / Square (up to 1608" (B) x 24" (D) openings or 60" perimeter)	694WQ
	1632" Rect / Square (up to 1632" (B) x 24" (D) openings or 60" perimeter)	695WQ
	1656" Rect / Square (up to 1656" (B) x 24" (D) openings or 60" perimeter)	696WQ
	1680" Rect / Square (up to 1680" (B) x 24" (D) openings or 60" perimeter)	697WQ
	1704" Rect / Square (up to 1704" (B) x 24" (D) openings or 60" perimeter)	698WQ
	1728" Rect / Square (up to 1728" (B) x 24" (D) openings or 60" perimeter)	699WQ
	1752" Rect / Square (up to 1752" (B) x 24" (D) openings or 60" perimeter)	700WQ
	1776" Rect / Square (up to 1776" (B) x 24" (D) openings or 60" perimeter)	701WQ
	1800" Rect / Square (up to 1800" (B) x 24" (D) openings or 60" perimeter)	702WQ
	1824" Rect / Square (up to 1824" (B) x 24" (D) openings or 60" perimeter)	703WQ
	1848" Rect / Square (up to 1848" (B) x 24" (D) openings or 60" perimeter)	704WQ
	1872" Rect / Square (up to 1872" (B) x 24" (D) openings or 60" perimeter)	705WQ
	1896" Rect / Square (up to 1896" (B) x 24" (D) openings or 60" perimeter)	706WQ
	1920" Rect / Square (up to 1920" (B) x 24" (D) openings or 60" perimeter)	707WQ
	1944" Rect / Square (up to 1944" (B) x 24" (D) openings or 60" perimeter)	708WQ
	1968" Rect / Square (up to 1968" (B) x 24" (D) openings or 60" perimeter)	709WQ
	1992" Rect / Square (up to 1992" (B) x 24" (D) openings or 60" perimeter)	710WQ
	2016" Rect / Square (up to 2016" (B) x 24" (D) openings or 60" perimeter)	711WQ
	2040" Rect / Square (up to 2040" (B) x 24" (D) openings or 60" perimeter)	712WQ
	2064" Rect / Square (up to 2064" (B) x 24" (D) openings or 60" perimeter)	713WQ
	2088" Rect / Square (up to 2088" (B) x 24" (D) openings or 60" perimeter)	714WQ
	2112" Rect / Square (up to 2112" (B) x 24" (D) openings or 60" perimeter)	715WQ
	2136" Rect / Square (up to 2136" (B) x 24" (D) openings or 60" perimeter)	716WQ
	2160" Rect / Square (up to 2160" (B) x 24" (D) openings or 60" perimeter)	717WQ
	2184" Rect / Square (up to 2184" (B) x 24" (D) openings or 60" perimeter)	718WQ
	2208" Rect / Square (up to 2208" (B) x 24" (D) openings or 60" perimeter)	719WQ
	2232" Rect / Square (up to 2232" (B) x 24" (D) openings or 60" perimeter)	720WQ
	2256" Rect / Square (up to 2256" (B) x 24" (D) openings or 60" perimeter)	721WQ
	2280" Rect / Square (up to 2280" (B) x 24" (D) openings or 60" perimeter)	722WQ
	2304" Rect / Square (up to 2304" (B) x 24" (D) openings or 60" perimeter)	723WQ
	2328" Rect / Square (up to 2328" (B) x 24" (D) openings or 60" perimeter)	724WQ
	2352" Rect / Square (up to 2352" (B) x 24" (D) openings or 60" perimeter)	725WQ
	2376" Rect / Square (up to 2376" (B) x 24" (D) openings or 60" perimeter)	726WQ
	2400" Rect / Square (up to 2400" (B) x 24" (D) openings or 60" perimeter)	727WQ
	2424" Rect / Square (up to 2424" (B) x 24" (D) openings or 60" perimeter)	728WQ
	2448" Rect / Square (up to 2448" (B) x 24" (D) openings or 60" perimeter)	729WQ
	2472" Rect / Square (up to 2472" (B) x 24" (D) openings or 60" perimeter)	730WQ
	2496" Rect / Square (up to 2496" (B) x 24" (D) openings or 60" perimeter)	731WQ
	2520" Rect / Square (up to 2520" (B) x 24" (D) openings or 60" perimeter)	732WQ
	2544" Rect / Square (up to 2544" (B) x 24" (D) openings or 60" perimeter)	733WQ
	2568" Rect / Square (up to 2568" (B) x 24" (D) openings or 60" perimeter)	734WQ
	2592" Rect / Square (up to 2592" (B) x 24" (D) openings or 60" perimeter)	735WQ
	2616" Rect / Square (up to 2616" (B) x 24" (D) openings or 60" perimeter)	736WQ
	2640" Rect / Square (up to 2640" (B) x 24" (D) openings or 60" perimeter)	737WQ
	2664" Rect / Square (up to 2664" (B) x 24" (D) openings or 60" perimeter)	738WQ
	2688" Rect / Square (up to 2688" (B) x 24" (D) openings or 60" perimeter)	739WQ
	2712" Rect / Square (up to 2712" (B) x 24" (D) openings or 60" perimeter)	740WQ
	2736" Rect / Square (up to 2736" (B) x 24" (D) openings or 60" perimeter)	741WQ
	2760" Rect / Square (up to 2760" (B) x 24" (D) openings or 60" perimeter)	742WQ
	2784" Rect / Square (up to 2784" (B) x 24" (D) openings or 60" perimeter)	743WQ
	2808" Rect / Square (up to 2808" (B) x 24" (D) openings or 60" perimeter)	744WQ
	2832" Rect / Square (up to 2832" (B) x 24" (D) openings or 60" perimeter)	745WQ
	2856" Rect / Square (up to 2856" (B) x 24" (D) openings or 60" perimeter)	746WQ
	2880" Rect / Square (up to 2880" (B) x 24" (D) openings or 60" perimeter)	747WQ
	2904" Rect / Square (up to 2904" (B) x 24" (D) openings or 60" perimeter)	748WQ
	2928" Rect / Square (up to 2928" (B) x 24" (D) openings or 60" perimeter)	749WQ
	2952" Rect / Square (up to 2952" (B) x 24" (D) openings or 60" perimeter)	750WQ
	2976" Rect / Square (up to 2976" (B) x 24" (D) openings or 60" perimeter)	751WQ
	3000" Rect / Square (up to 3000" (B) x 24" (D) openings or 60" perimeter)	752WQ
	3024" Rect / Square (up to 3024" (B) x 24" (D) openings or 60" perimeter)	753WQ
	3048" Rect / Square (up to 3048" (B) x 24" (D) openings or 60" perimeter)	754WQ
	3072" Rect / Square (up to 3072" (B) x 24" (D) openings or 60" perimeter)	755WQ
	3096" Rect / Square (up to 3096" (B) x 24" (D) openings or 60" perimeter)	756WQ
	3120" Rect / Square (up to 3120" (B) x 24" (D) openings or 60" perimeter)	757WQ
	3144" Rect / Square (up to 3144" (B) x 24" (D) openings or 60" perimeter)	758WQ
	3168" Rect / Square (up to 3168" (B) x 24" (D) openings or 60" perimeter)	759WQ
	3192" Rect / Square (up to 3192" (B) x 24" (D) openings or 60" perimeter)	760WQ
	3216" Rect / Square (up to 3216" (B) x 24" (D) openings or 60" perimeter)	761WQ
	3240" Rect / Square (up to 3240" (B) x 24" (D) openings or 60" perimeter)	762WQ
	3264" Rect / Square (up to 3264" (B) x 24" (D) openings or 60" perimeter)	763WQ
	3288" Rect / Square (up to 3288" (B) x 24" (D) openings or 60" perimeter)	764WQ
	3312" Rect / Square (up to 3312" (B) x 24" (D) openings or 60" perimeter)	765WQ
	3336" Rect / Square (up to 3336" (B) x 24" (D) openings or 60" perimeter)	766WQ
	3360" Rect / Square (up to 3360" (B) x 24" (D) openings or 60" perimeter)	767WQ
	3384" Rect / Square (up to 3384" (B) x 24" (D) openings or 60" perimeter)	768WQ
	3408" Rect / Square (up to 3408" (B) x 24" (D) openings or 60" perimeter)	769WQ
	3432" Rect / Square (up to 3432" (B) x 24" (D) openings or 60" perimeter)	770WQ
	3456" Rect / Square (up to 3456" (B) x 24" (D) openings or 60" perimeter)	771WQ
	3480" Rect / Square (up to 3480" (B) x 24" (D) openings or 60" perimeter)	772WQ
	3504" Rect / Square (up to 3504" (B) x 24" (D) openings or 60" perimeter)	773WQ
	3528" Rect / Square (up to 3528" (B) x 24" (D) openings or 60" perimeter)	774WQ
	3552" Rect / Square (up to 3552" (B) x 24" (D) openings or 60" perimeter)	775WQ
	3576" Rect / Square (up to 3576" (B) x 24" (D) openings or 60" perimeter)	776WQ
	3600" Rect / Square (up to 3600" (B) x 24" (D) openings or 60" perimeter)	777WQ
	3624" Rect / Square (up to 3624" (B) x 24" (D) openings or 60" perimeter)	778WQ
	3648" Rect / Square (up to 3648" (B) x 24" (D) openings or 60" perimeter)	779WQ
	3672" Rect / Square (up to 3672" (B) x 24" (D) openings or 60" perimeter)	780WQ
	3696" Rect / Square (up to 3696" (B) x 24" (D) openings or 60" perimeter)	781WQ
	3720" Rect / Square (up to 3720" (B) x 24" (D) openings or 60" perimeter)	782WQ
	3744" Rect / Square (up to 3744" (B) x 24" (D) openings or 60" perimeter)	783WQ
	3768" Rect / Square (up to 3768" (B) x 24" (D) openings or 60" perimeter)	784WQ
	3792" Rect / Square (up to 3792" (B) x 24" (D) openings or 60" perimeter)	785WQ
	3816" Rect / Square (up to 3816" (B) x 24" (D) openings or 60" perimeter)	786WQ
	3840" Rect / Square (up to 3840" (B) x 24" (D) openings or 60" perimeter)	787WQ
	3864" Rect / Square (up to 3864" (B) x 24" (D) openings or 60" perimeter)	788WQ
	3888" Rect / Square (up to 3888" (B) x 24" (D) openings or 60" perimeter)	789WQ
	3912" Rect / Square (up to 3912" (B) x 24" (D) openings or 60" perimeter)	790WQ
	3936" Rect / Square (up to	