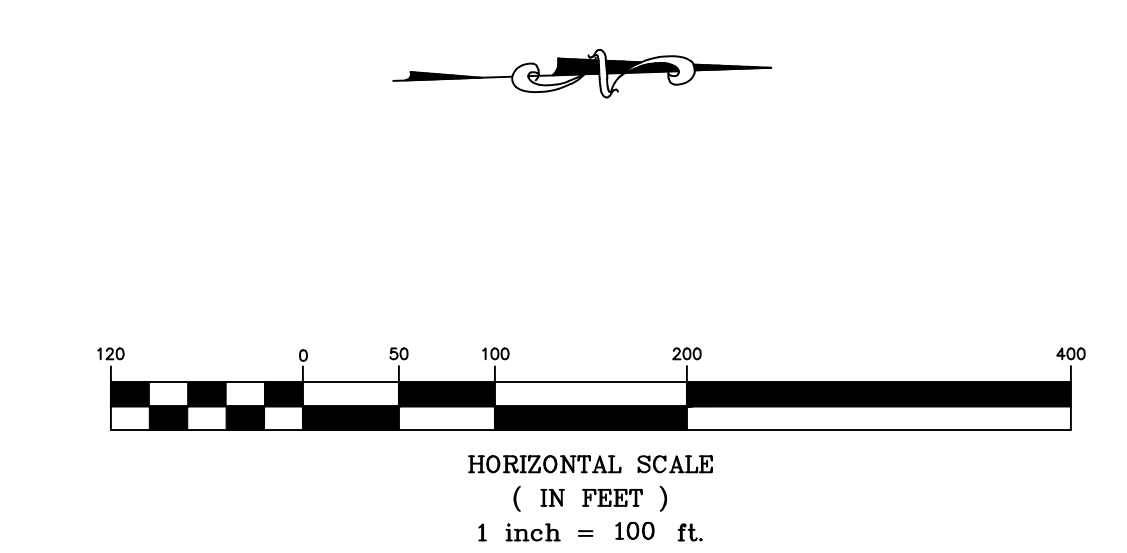


General Notes:

1. The BMP's shown on this sheet are considered minimum standards. Whenever sediment enters the streets, storm sewers, ditches, or ponds, contractor will install additional BMP's, as needed, to correct the problem.
2. The soil erosion BMP's shown hereon must be in place at all times during construction until such time as the site is re-established with paving or grass.
3. Back of curb protection can include hay bale, silt fence, Curlex barrier, or approved alternate as shown on BMP standard details. This BMP must remain in place until the area between the curb and right-of-way line has been permanently stabilized.
4. The General Contractor is responsible for the installation and maintenance per the prevention maintenance plan.
5. Concrete trucks will be permitted to wash out only at approved locations, then maintain and clean up as conditions require, by contractor. No hazardous materials are expected to be encountered. Any spills (diesel, fuel, oil, etc.) will be cleaned up and removed immediately. Portable toilets will be supplied and maintained at various sites along the project. Disposal of sewage will be handled by a contracting firm specializing in this activity.
6. The above mentioned storm water prevention methods will be monitored daily and maintained as required. A weekly erosion control log will be posted in the job trailer onsite, and updated weekly. Site inspections are required within 24 hours after a precipitation event of 0.5" or greater.

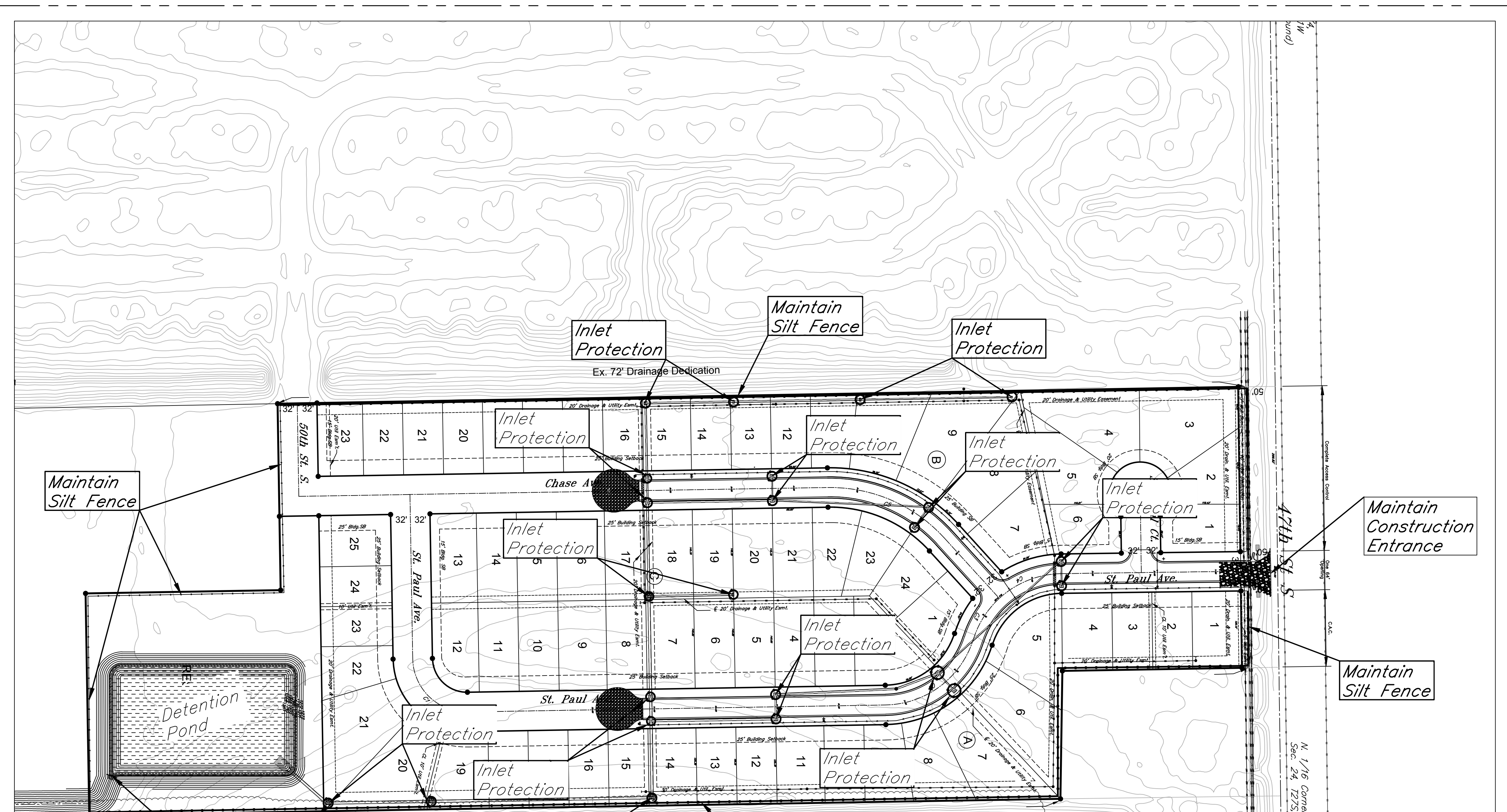
LEGEND:

- Flow Direction
- Inlet Protection - to be provided at all inlets subject to silt laden runoff.
- Ditch Check
- Temporary Seeding and Matting.
- Silt Fence or Hay Bale Barrier - to be installed along property lines where runoff from construction site can run onto other properties.
- Stabilized Construction Entrance - to be used at all locations where vehicles or equipment enter or exit property.
- Back of Curb Protection - to be installed whenever curb is backfilled to less than 3 inches from top and disturbed earth exists adjacent thereto. (See City Standard Details.)



**Fox Run Addition
Erosion Control Plan
Wichita, Kansas**

KEMILLER ENGINEERING P.A. 117 E. Lewis, Wichita, KS 67202 (316)264-0242		PROJECT NUMBER	SHEET
KEM NO. 17063	FILE	DATE 04/2018	5.0
DESIGN KM	DRAWN BJ	REVISED	



5' Weir Opening @ 1272.00
100yr; WS=1274.09/Q=99.76cfs
25yr; WS=1273.69/Q=65.50cfs
*See Detail Below

Sedimentation Basin				
Drainage Basin	Area, acres	Sed. Yield, CF/acre	Sed. Vol, CF	Sed. Vol, ac-ft
On-site	39.15	3600	140940	3.24
Total Volume of Sediment				3.24

Pond P1				
Elevation	Area, SF	Average Area	Cumulative Vol, CF	Cumulative Vol, ac-ft
1266	53876			
1267	56718	55297.0	55297.0	1.27
1268	59621	58169.5	113466.5	2.60
1269	62585	61103.0	174569.5	4.01
1270	65610	64097.5	238667.0	5.48
1271	68693	67151.5	305818.5	7.02
1272	71835	70264.0	376082.5	8.63
Available volume for sedimentation				8.63 ac-ft

**Total volume available for sedimentation = 8.63 > 3.24
is greater than the total volume of sediment**

