

EXISTING DETENTION BASIN CALCULATIONS

X = (0.40)(5.5)(2.8)/12 = 0.51 AC.-FT. REQUIRED BASIN X = 22,360 CU.FT.

 $X = \frac{2CRA}{12}$

A = 5.5 ACRES

R = 2.8 INCHES

?C = 0.70 - 0.30 = 0.40

PROVIDED BASIN = 51,865 CU.FT.

TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY.

MULCHED, AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE.

SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES, AND CATCH BASINS. STOCKPILES SHALL BE SEEDED,

ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE, OR CATCH

WHERE CONSTRUCTION OR LAND DISTURBING ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE, TEMPORARY SITE

STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 DAYS AFTER THE ACTIVITY HAS

ALL STREAM CROSSINGS MUST UTILIZE LOW-WATER CROSSING STRUCTURES PER MSD STANDARD DRAWING ER-02.

SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION

- 2. SITE IS LOCATED IN COUNCIL DISTRICT 23 & FIRE PROTECTION
- DISTRICT FERN CREEK. 3. SITE IS NOT LOCATED IN THE FLOODPLAIN PER FEMA
- MAP#21111C0114E.
- 4. SITE IS LOCATED IN A KARST TERRAIN AREA. 5. MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE PARTICLE EMISSIONS FROM REACHING EXISTING ROADS AND NEIGHBORING PROPERTIES.

UTILITY WARNING

THE UNDERGROUND UTILITIES HAVE NOT BEEN LOCATED. CONTACT KENTUCKY 811-TOLL FREE PHONE NO. 1-800-752-6007 OR LOCAL 502-266-5123 PRIOR TO ANY CONSTRUCTION ACTIVITY.

> PREV CASES: 12659 & 9-31-04 MSD WM#8655

10 DEVPLAN 1205

DRAWN BY: CHECKED E ACW/DLW

VISE

REVISED DEVELOPMENT PLAN

SIGNATURE

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SHEET NO. 1 OF 1

DATE: 12-21-15 SCALE: 1"=40'