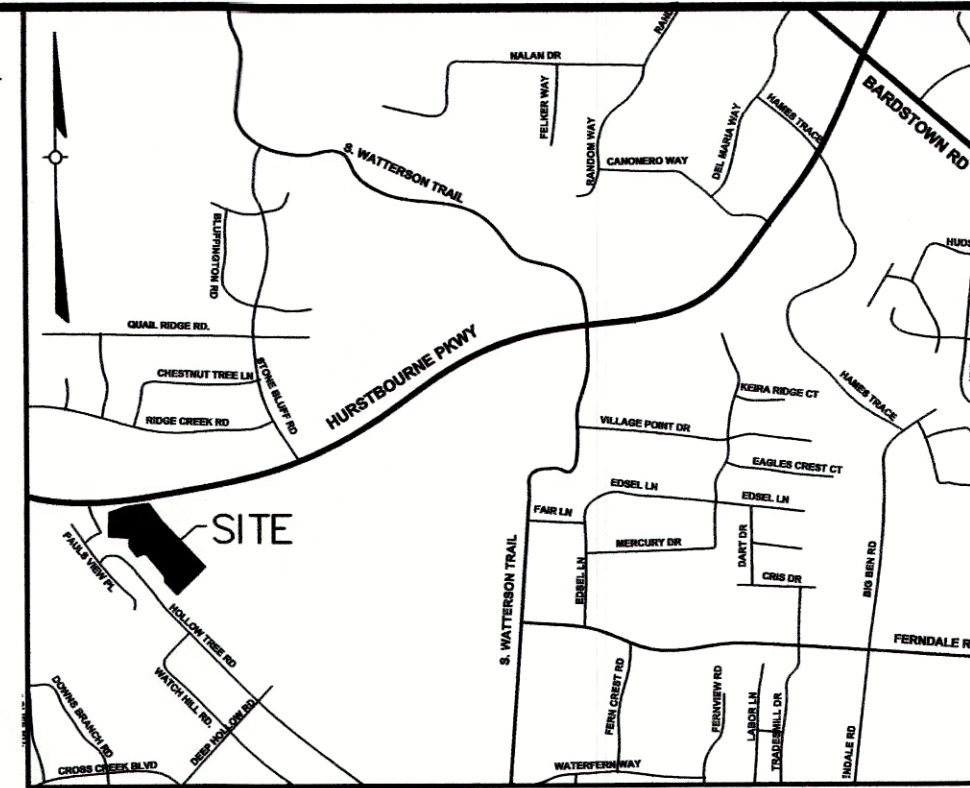
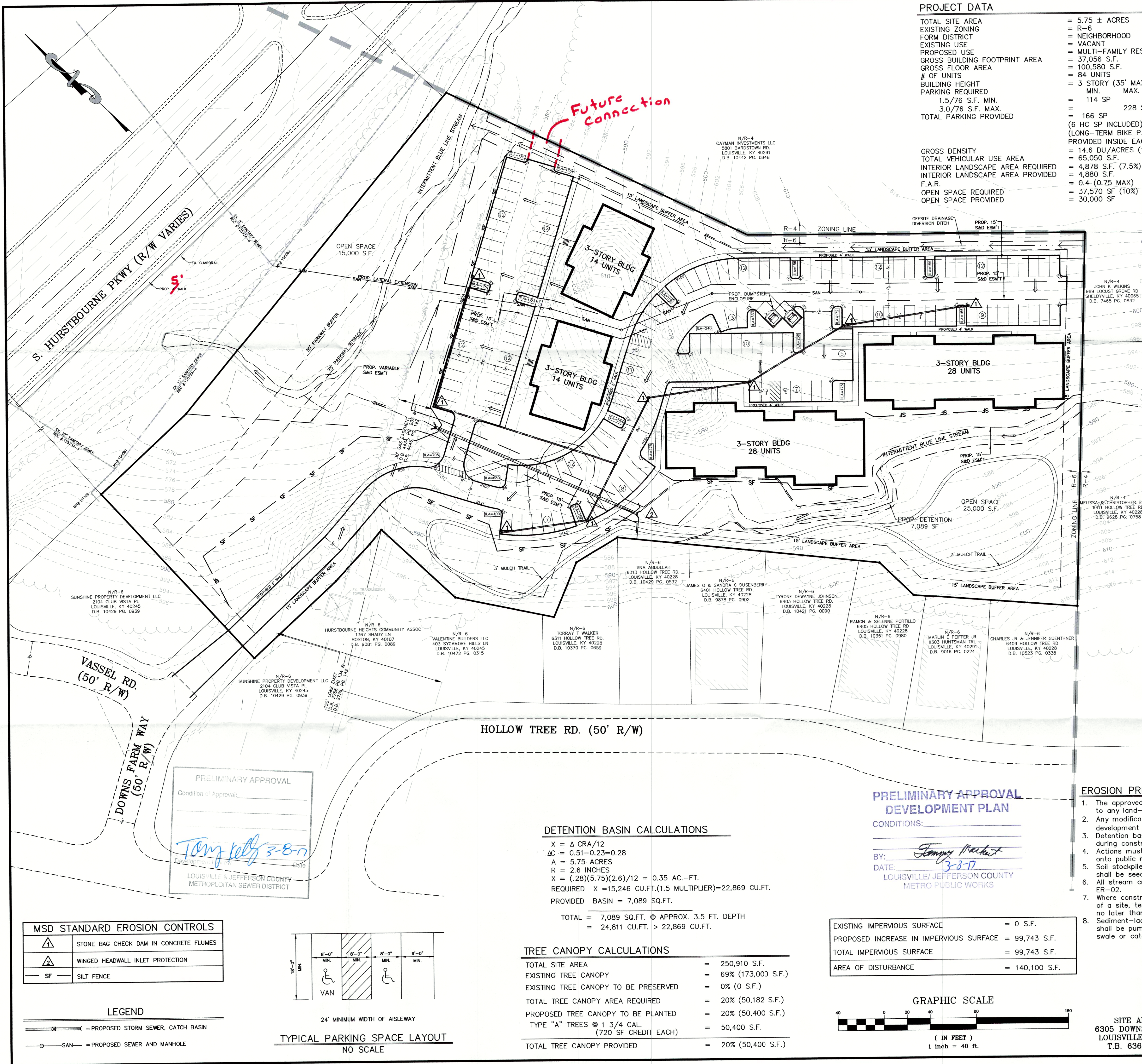
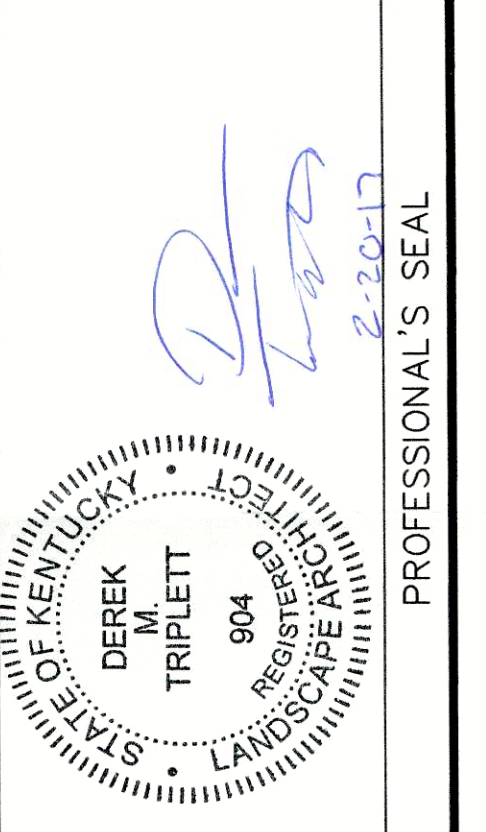
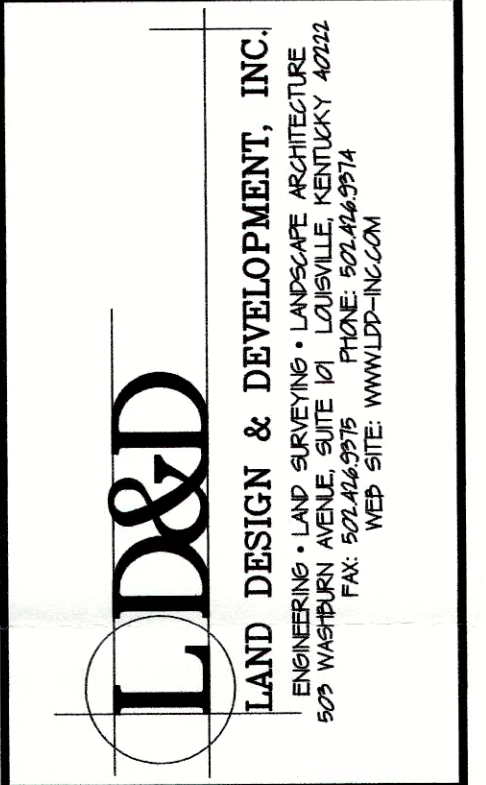




NO.	DATE	DESCRIPTION	BY
1	1-30-17	FEEDBACK COMMENTS & CROSS ACCESS	DT



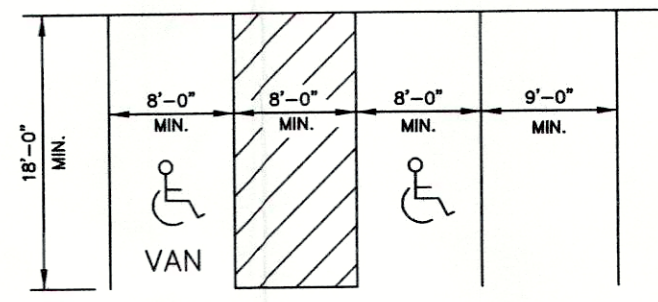
PROJECT DATA
FILE NAME: 1508P-DDP
DATE: 8-3-16
CHECKED BY: JS
SCALE: AS SHOWN
DRAWN BY: DT



JOB NO.	SHEET	OF
15089	1	1

MSD STANDARD EROSION CONTROLS	
	STONE BAG CHECK DAM IN CONCRETE FLUMES
	WINGED HEADWALL INLET PROTECTION
	SILT FENCE

LEGEND	
	= PROPOSED STORM SEWER, CATCH BASIN
	= PROPOSED SEWER AND MANHOLE



TYPICAL PARKING SPACE LAYOUT

NO SCALE

DETENTION BASIN CALCULATIONS

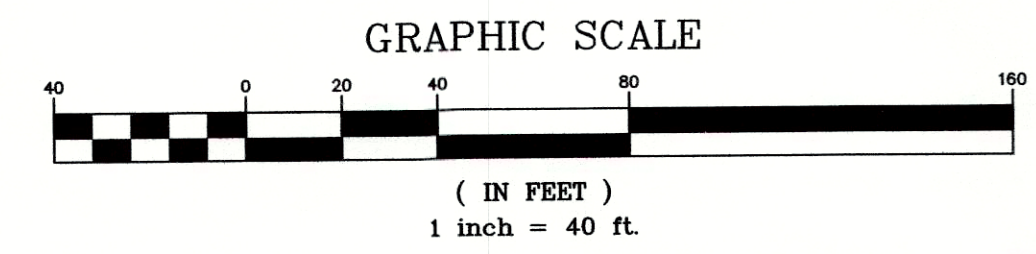
$X = \Delta CRA/12$
 $\Delta C = 0.51 - 0.23 = 0.28$
 $A = 5.75$ ACRES
 $R = 2.6$ INCHES
 $X = (28)(5.75)(2.6)/12 = 0.35$ AC.-FT.
REQUIRED $X = 15,246$ CU.FT. (1.5 MULTIPLIER) = 22,869 CU.FT.
PROVIDED BASIN = 7,089 SQ.FT.

TOTAL = 7,089 SQ.FT. @ APPROX. 3.5 FT. DEPTH
= 24,811 CU.FT. > 22,869 CU.FT.

TREE CANOPY CALCULATIONS

TOTAL SITE AREA = 250,910 S.F.
EXISTING TREE CANOPY = 69% (173,000 S.F.)
EXISTING TREE CANOPY TO BE PRESERVED = 0% (0 S.F.)
TOTAL TREE CANOPY AREA REQUIRED = 20% (50,182 S.F.)
PROPOSED TREE CANOPY TO BE PLANTED = 20% (50,400 S.F.)
TYPE "A" TREES @ 1 3/4 CAL. (720 SF CREDIT EACH) = 50,400 S.F.
TOTAL TREE CANOPY PROVIDED = 20% (50,400 S.F.)

EXISTING IMPERVIOUS SURFACE = 0 S.F.
PROPOSED INCREASE IN IMPERVIOUS SURFACE = 99,743 S.F.
TOTAL IMPERVIOUS SURFACE = 99,743 S.F.
AREA OF DISTURBANCE = 140,100 S.F.



SITE ADDRESS:

6305 DOWNS FARM WAY

LOUISVILLE, KY 40228

T.B. 636, LOT 151

CASE#: 16DEVPLAN1163

RELATED CASE: SUB# 10-02-04

COUNCIL DISTRICT: 23, 24

FIRE PROTECTION DISTRICT - HIGHVIEW, FERN CREEK

SUB#1111