

Mapping Unit Number, Name, Slope, Flooding Potential and Hydrologic Group	Soil Characteristics	Mapping Unit Potential Subclasses For Selected Uses		
		General Development Central Water and Sewer/ Depth to rock	Conventional Septic Tank Drain fields	Agricultural Forestry and Horticultural/ USDA Land use capability class
10B Mongle loam (0-7%) brief ponding (B)	Very deep, somewhat poorly drained brown and mottled brown and gray loamy to silty soils with seasonal water tables in concave drainage positions; developed in alluvium and local colluvium from mixed acid and basic rock	IV - very poor potential; prolonged high water table depth to hard bedrock is generally greater than 5'	IV - very poor; landscape position and prolonged high water table	IV - grassland agriculture 4W
17B Middleburg silt loam (1-7%) (B)	Very deep, well drained yellowish-brown to brown loamy soils with intermittent seasonal water tables in concave upland positions (swales); developed in recent colluvium of soils derived from mixed acid and basic rock	IIW - poor potential; short duration water tables depth to hard bedrock is generally greater than 5'	IV - very poor; landscape position and short duration water tables	I - prime farmland 2E
20C Purcellville and Tankerville soils (7-15%) (B)	complex of very deep, well drained yellowish-red silty Purcellville and moderately deep well drained, yellowish-brown loamy soils on convex upland positions; developed in residuum weathered from mixed granite gneiss and metabasaltic rock	II R - fair potential; depth to rock depth to hard bedrock is generally greater than 6' in Purcellville and greater than 30' in Tankerville	II - fair potential; depth to rock	II - secondary cropland 3E, 4S
22B Purcellville-Swampoodle Complex (2-7%) (B)	complex of very deep, well drained yellowish-red silty Purcellville and very deep moderately well drained, strong brown and mottled strong brown and gray silty Swampoodle soils in broad, nearly level to concave upland positions; developed in residuum weat	II WP - fair potential; seasonal water table depth to hard bedrock is generally greater than 5'	III - poor potential; seasonal water table, slow permeability	II - secondary cropland 2E, 4W

LEGEND

M.D.O.D. SENSITIVE	MODERATLY STEEP SLOPE: 15% - 24.99%
M.D.O.D. MODERATLY SENSITIVE	STEEP SLOPE: 25% +
WETLANDS	EXISTING FENCE
EXISTING TREELINE	WELL
SOILS	

CURVE TABLE

CURVE	RADIUS	LENGTH	CHD BRG	CHD	DELTA
C1	3819.64'	470.45'	S72°20'09"E	470.15'	07°03'25"
C2	3851.64'	102.94'	S78°55'36"E	102.94'	01°31'53"
C3	3819.64'	357.30'	S84°40'09"E	357.17'	05°21'34"
C4	3826.64'	86.89'	S89°31'51"E	86.89'	01°18'04"
C5	5704.58'	221.00'	S85°57'55"W	220.99'	02°13'11"

Slope Classes
(Blue Ridge Western Loudoun County)

A: 0 - 2%	NEARLY LEVEL
B: 2 - 7%	GENTLY SLOPING
C: 7 - 15%	SLOPING
D: 15 - 25%	MODERATELY STEEP
E: 25% +	STEEP

38B Swampoodle silt loam (1-7%) brief ponding (C)	Very deep, moderately well drained, strong brown and mottled strong brown and gray silty soils with seasonal water tables in broad, nearly level to concave upland positions; developed in residuum derived from mixed acid and basic rock	IV W/P - very poor potential; seasonal water table and areas of shrink-swell clays depth to hard bedrock is generally greater than 5'	IV - very poor; landscape position and prolonged high water table	IV - grassland agriculture 4W
55C Glenelg silt loam (7-15%) (B)	deep, well drained yellowish-red loamy soils with common quartz stones on convex upland and mountain sideslopes and ridgetops	I - good potential; depth to hard bedrock is generally greater than 4'	I - good potential;	II - secondary cropland 3E
55B Glenelg silt loam (2-7%) (A)	deep, well drained yellowish-red loamy soils with common quartz stones on convex upland and mountain sideslopes and ridgetops	I - good potential depth to hard bedrock is generally greater than 4'	I - good potential	I - prime farmland 2E

NO.	DESCRIPTION	DATE	CHKD
	REVISION		



PROJECT
Scott Jenkins Memorial Park
Special Exception Plat

CATOCTIN ELECTION DISTRICT
 LOUDOUN COUNTY, VIRGINIA

TITLE
Existing
Conditions

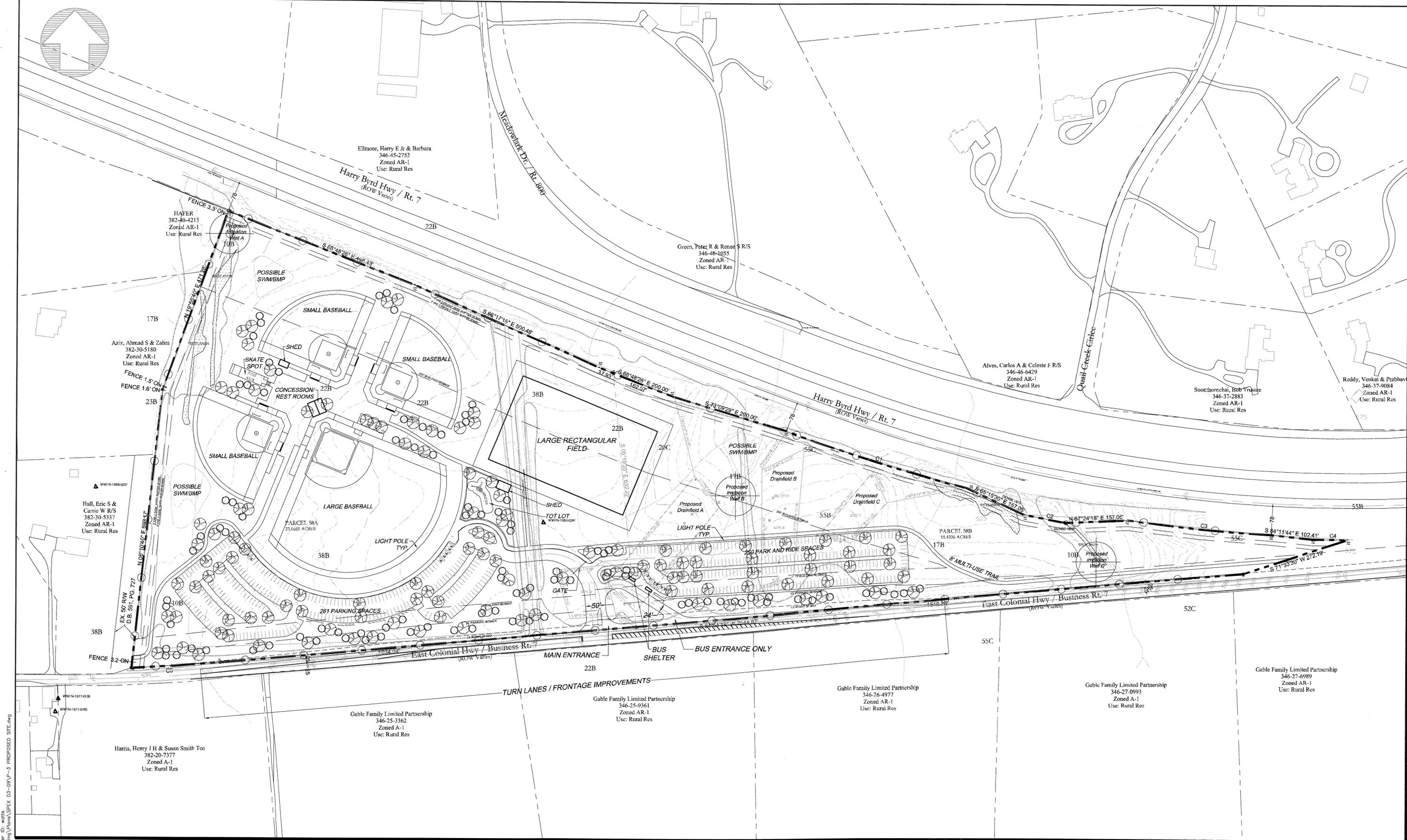
Patton Harris Rust & Associates
 Engineers, Surveyors, Planners, Landscape Architects.

PHRA

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DESIGN	TEAM	SURVEY	PHR&A
DRAWN	TEAM	DATE	February 2009
CHECKED	MWT	SCALE	1" = 100'
SHEET	2 OF 4	FILE NO.	13608-2-0

Date: Mar 26, 2009, 8:44am User: ID: waltts
 File: P:\Projects\13608\2-0\Planning\13608-2-0-Planning Conditions.dwg



Date: Mar 26, 2009, 8:45am, User: D. Watts
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