

EXISTING CONDITIONS

DATA SOURCE:
2017 EOR SENSITIVE AREAS MAPPING PROJECT (CONTOURS, PARCELS, STREAM LINES, SLOPES)

AERIAL SOURCE:
JOHNSON COUNTY 2012 ORTHO PHOTOS

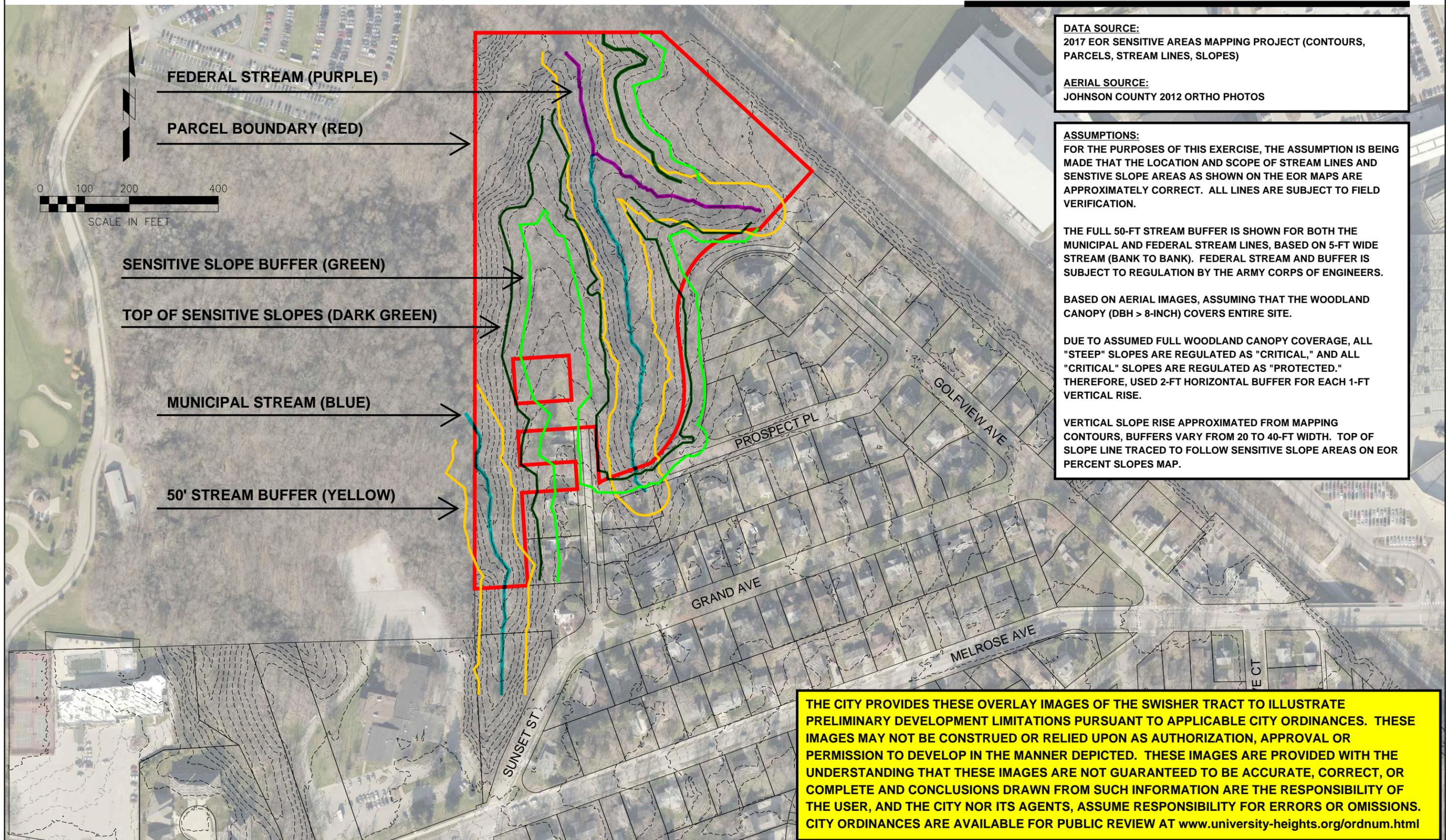
ASSUMPTIONS:
FOR THE PURPOSES OF THIS EXERCISE, THE ASSUMPTION IS BEING MADE THAT THE LOCATION AND SCOPE OF STREAM LINES AND SENSITIVE AREAS AS SHOWN ON THE EOR MAPS ARE APPROXIMATELY CORRECT. ALL LINES ARE SUBJECT TO FIELD VERIFICATION.

THE FULL 50-FT STREAM BUFFER IS SHOWN FOR BOTH THE MUNICIPAL AND FEDERAL STREAM LINES, BASED ON 5-FT WIDE STREAM (BANK TO BANK). FEDERAL STREAM AND BUFFER IS SUBJECT TO REGULATION BY THE ARMY CORPS OF ENGINEERS.

BASED ON AERIAL IMAGES, ASSUMING THAT THE WOODLAND CANOPY (DBH > 8-INCH) COVERS ENTIRE SITE.

DUE TO ASSUMED FULL WOODLAND CANOPY COVERAGE, ALL "STEEP" SLOPES ARE REGULATED AS "CRITICAL," AND ALL "CRITICAL" SLOPES ARE REGULATED AS "PROTECTED." THEREFORE, USED 2-FT HORIZONTAL BUFFER FOR EACH 1-FT VERTICAL RISE.

VERTICAL SLOPE RISE APPROXIMATED FROM MAPPING CONTOURS, BUFFERS VARY FROM 20 TO 40-FT WIDTH. TOP OF SLOPE LINE TRACED TO FOLLOW SENSITIVE SLOPE AREAS ON EOR PERCENT SLOPES MAP.



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