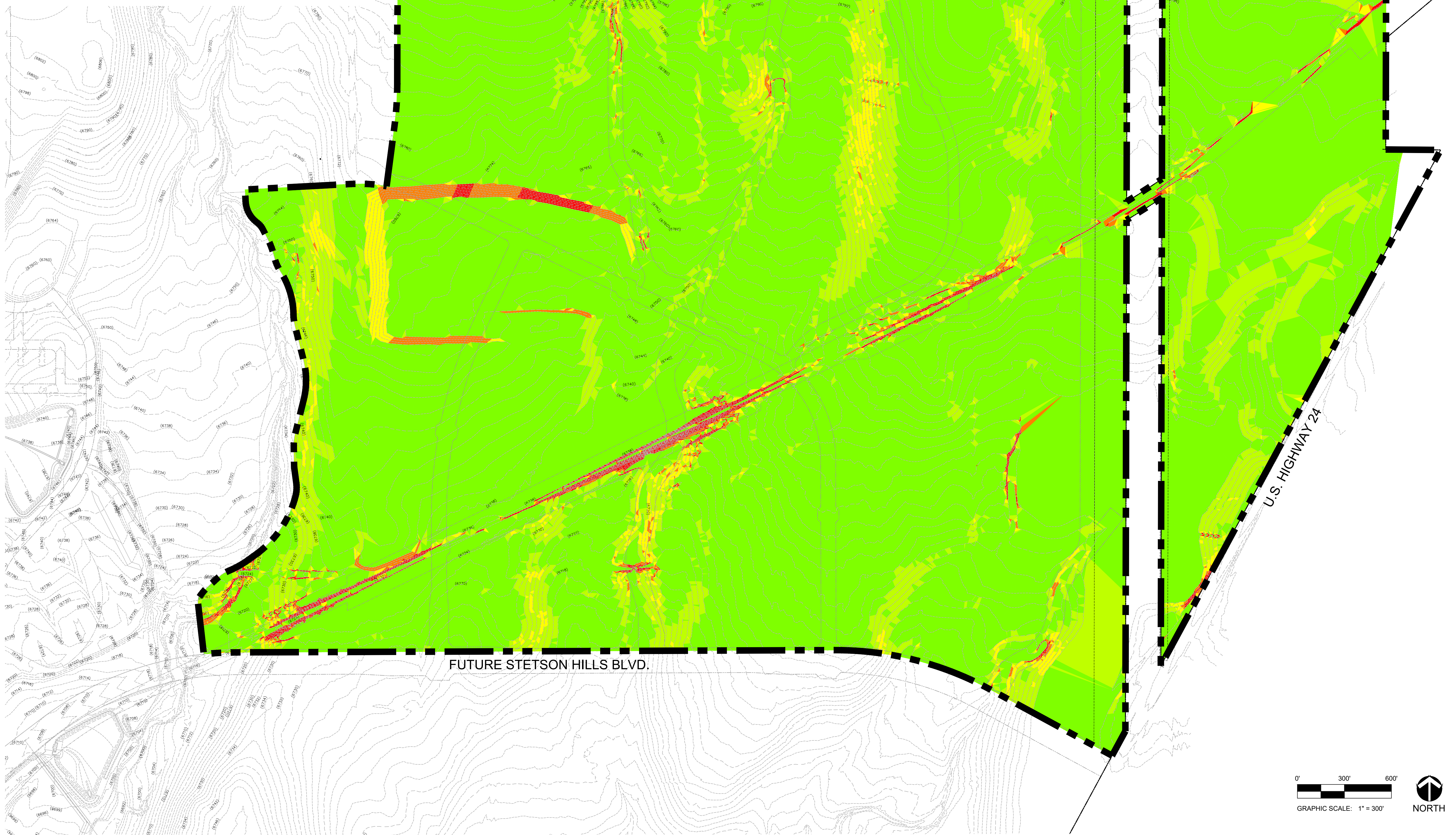
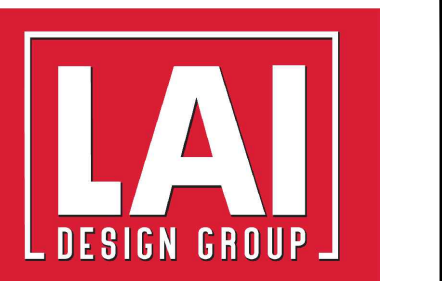


Slopes Table			
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5.00%	8.00%	3503335.05	Yellow-Green
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12.00%	20.00%	282162.82	Orange
20.00%	100%	276263.91	Red



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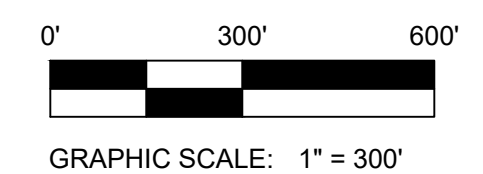
BANNING LEWIS RANCH - VILLAGE C
LAND USE PLAN
COLORADO SPRINGS, CO
LSA - SLOPE ANALYSIS

PROJECT INFORMATION

PROJECT #: 241010
DRAWN BY: TH
CHECKED BY: RH

ISSUE RECORD

1st Submittal	10/16/24
2nd Submittal	06/13/25
3rd Submittal	09/10/25
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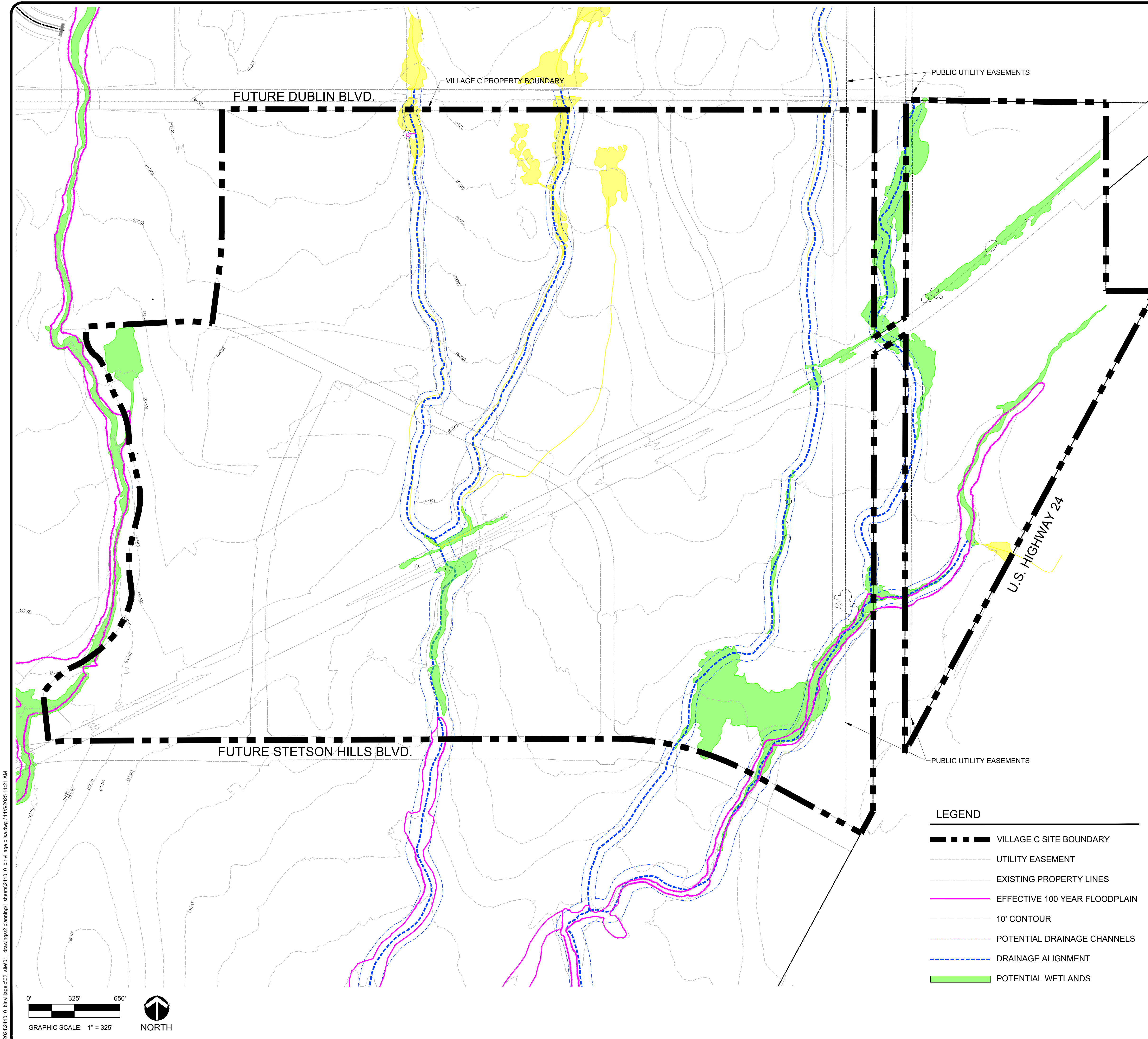


PDZL-24-0005
SHEET NUMBER

6

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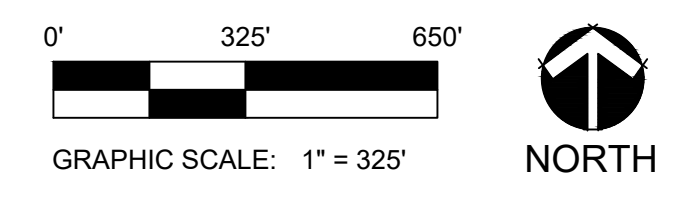
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STREAMSIDE REVIEW CRITERIA

1. HAS THE NATURAL LANDFORM BEEN MAINTAINED WITHIN THE OVERLAY AREA AND DOES GRADING CONFORM TO THE SPECIFIC GRADING LIMITATIONS OF THIS SECTION AS WELL AS ALL OTHER CITY GRADING AND FILLING REGULATIONS?
RESPONSE: OVERLAY AREAS ARE TO BE DETERMINED DURING DEVELOPMENT PLAN. ANY PROPOSED GRADING WILL MAINTAIN NATURAL STREAM HYDROLOGY AND CONFORM TO ALL STANDARDS AND REGULATIONS.
2. DOES THE DEVELOPMENT INCORPORATE THE STREAM ECOSYSTEM INTO THE PROJECT DESIGN AND COMPLEMENT THE NATURAL STREAMSIDE SETTING? HAS THE PROJECT BEEN DESIGNED TO LINK AND INTEGRATE ADJACENT PROPERTIES WITH THE STREAM CORRIDOR USING ACCESSWAYS, CREEK FRONT PLAZAS, EXISTING RECREATIONAL AREAS OR OTHER SITE PLANNING AND LANDSCAPING TECHNIQUES WHICH INCLUDE THE STREAM CORRIDOR AS AN AMENITY?
RESPONSE: YES, THE PROPOSED COMMUNITY PARK AND TWO OF THE NEIGHBORHOOD PARKS LOCATIONS WILL BE STREAM ADJACENT ALLOWING THE NATURAL FEATURES TO BE INCORPORATED AS AN AMENITY DURING PARK DESIGN. TRAILS ARE PROPOSED TO RUN PARALLEL WITH THE STREAM CORRIDORS.
3. HAS THE PROJECT BEEN DESIGNED TO MINIMIZE IMPACT UPON WILDLIFE HABITAT AND THE RIPARIAN ECOSYSTEM WHICH EXISTS ON OR ADJACENT TO THE SITE? DOES THE PROJECT DESIGN PROTECT ESTABLISHED HABITAT OR ANY KNOWN POPULATIONS OF ANY THREATENED OR ENDANGERED SPECIES OR SPECIES OF SPECIAL CONCERN?
RESPONSE: DEVELOPMENT HAS BEEN DESIGNED TO AVOID FEDERALLY PROTECTED WETLANDS AND TO MINIMIZE IMPACT TO EXISTING RIPARIAN AREAS. IF MIGRATORY BIRD OR RAPTOR SPECIES ARE FOUND TO BE PRESENT, CONSTRUCTION ACTIVITIES WILL NEED TO BE RESTRICTED NEAR ANY ACTIVE NESTS TO ENSURE THE AVOIDANCE OF TAKE DURING THE NESTING AND FLEDGING SEASON (DEPENDING ON THE SPECIES).
4. HAVE EXISTING OR POTENTIAL COMMUNITY TRAIL NETWORKS AND OTHER RECREATIONAL OPPORTUNITIES BEEN IDENTIFIED AND INCORPORATED INTO THE PROJECT DESIGN?
RESPONSE: TRAILS ARE PROPOSED TO RUN PARALLEL WITH THE STREAM CORRIDORS. THE SITE WILL ALSO FEATURE A REGIONAL PROPOSED URBAN TRAIL ALONG THE ROCK ISLAND TRAIL ALIGNMENT.
5. HAS THE PROJECT BEEN DESIGNED TO PROTECT THE SUBJECT PROPERTY FROM POTENTIAL FLOOD DAMAGE AND TO ACCOMMODATE FLOOD STORAGE AND CONVEYANCE NEEDS?
RESPONSE: DETENTION PONDS AND FLOOD CONVEYANCE WILL BE DETERMINED AT TIME OF FINAL PLATS AND DEVELOPMENT PLANS. DRAINAGE REPORTS WILL BE SUBMITTED CONCURRENTLY TO SHOW THE IMPACTS OF DEVELOPMENT.
6. HAVE ALL SIGNIFICANT NATURAL FEATURES WITHIN THE PROJECT STREAMSIDE AREA BEEN IDENTIFIED, AND HAS THE PROJECT BEEN DESIGNED TO MINIMIZE THE IMPACT ON THESE FEATURES?
RESPONSE: FEDERALLY AND STATE PROTECTED WETLANDS ARE TO BE PROTECTED FROM CONSTRUCTION ACTIVITIES. FUTURE DETERMINATION WILL BE NEEDED TO CONFIRM BOUNDARIES OF THESE AREAS.
7. DOES THE PROJECT IDENTIFY AND IMPLEMENT THE RECOMMENDATIONS OF ANY APPROVED SUBAREA PLANS (SUCH AS THE CITY GREENWAY MASTER PLAN, CITY OPEN SPACE PLAN OR A SPECIFIC DRAINAGE BASIN PLANNING STUDY) AND OF ANY APPROVED PUBLIC WORKS PROJECTS AND HABITAT CONSERVATION PLANS?
RESPONSE: PROPOSED DEVELOPMENT ADHERES TO SAND CREEK DRAINAGE BASIN PLANNING STUDY FOR DRAINAGE AREA RECOMMENDATIONS. THE SITE ALSO HAS OPPORTUNITIES FROM THE COMPOSITE PARKS, OPEN SPACE AND TRAILS MASTER PLAN SUCH AS A REGIONAL TRAIL OR OPEN SPACE CANDIDATE AREAS.
8. DOES THE PROJECT DESIGN:
 - a. IMPLEMENT A RIPARIAN BUFFER BETWEEN THE DEVELOPED PORTIONS OF THE SITE AND THE ADJACENT WATERWAY TO ASSIST IN PREVENTING POINT AND NONPOINT SOURCE POLLUTANTS AND SEDIMENT FROM ENTERING THE WATERWAY?
RESPONSE: STREAMSIDE OVERLAY BUFFERS WILL BE DETERMINED DURING THE DEVELOPMENT PLAN REVIEW PROCESS.
 - b. EXCLUDE IMPERVIOUS SURFACES FROM THE INNER BUFFER ZONE AND MEET IMPERVIOUSNESS RESTRICTIONS ACROSS THE ENTIRE OVERLAY AREA ON THE SITE?
RESPONSE: STREAMSIDE OVERLAY BUFFERS WILL BE DETERMINED DURING THE DEVELOPMENT PLAN REVIEW PROCESS.
 - c. INCORPORATE ALL STORMWATER PCMS REQUIRED BY STORMWATER ENTERPRISE THROUGHOUT THE DEVELOPED SITE AND ADJACENT TO THE BUFFER TO ENCOURAGE ON SITE FILTRATION OF STORMWATER AND PROTECT WATER QUALITY?
RESPONSE: YES, ALL STORMWATER PCMS WILL BE INCORPORATED THROUGHOUT THE DEVELOPED SITE AND ADJACENT BUFFERS.
 - d. INCORPORATE VISUAL BUFFERS OF THE STREAM BETWEEN IDENTIFIED EXISTING AND/OR PROPOSED PROJECTS ON OPPOSING SIDES OF THE STREAM?
RESPONSE: ONCE IDENTIFIED, FUTURE BUFFER ZONES WILL FOLLOW INNER AND OUTER BUFFER ZONE LANDSCAPING STANDARDS AND REQUIREMENTS IN ACCORDANCE WITH UDC SECTION 7.2.603.
9. ARE INNER AND OUTER BUFFER ZONE LANDSCAPING STANDARDS MET AND DOES THE APPLICATION MEET ALL OTHER REQUIREMENTS OF PART 7.4.9 (LANDSCAPING AND GREEN SPACE)?
RESPONSE: FUTURE BUFFER ZONES WILL FOLLOW INNER AND OUTER BUFFER ZONE LANDSCAPING STANDARDS AND REQUIREMENTS, INCLUDING PROPOSED TREES FOR RIPARIAN AREAS, IN ACCORDANCE WITH UDC SECTION 7.2.603.
10. HAVE DISTURBED AREAS BEEN REVEGETATED TO MINIMIZE EROSION AND STABILIZE LANDSCAPE AREAS AND DOES THE PROJECT LANDSCAPING DESIGN SPECIFY PLANTS SELECTED FROM THE RIPARIAN PLANT COMMUNITIES AS SET FORTH IN APPENDIX A OF THE LANDSCAPE POLICY MANUAL?
RESPONSE: IN DISTURBED AREAS APPROPRIATE NATIVE SEED WILL BE USED FOR RE-VEGETATION, TO MINIMIZE EROSION, AND TO IMPROVE BANK STABILIZATION. PROPOSED TREES IN THIS AREA WILL MEET THE RIPARIAN SECTION OF THE LANDSCAPE CODE (SECTION 7.2.603) WHERE STREAMSIDE CORRIDORS ARE IDENTIFIED.
11. HAVE STREAM BANK AND SLOPE AREAS BEEN IDENTIFIED, INCLUDING THOSE OVER FIFTEEN (15) PERCENT SLOPE, HAS THE DISTURBANCE TO THESE AREAS AND ANY PROTECTIVE OR STABILIZING VEGETATIVE COVER BEEN MINIMIZED, AND DOES THE PLAN PROVIDE FOR THE REVEGETATION AND STABILIZATION OF ANY DISTURBED AREAS REQUIRED BY THIS UDC?
RESPONSE: MAJOR DRAINAGE WAYS FALL WITHIN OPEN SPACE CORRIDORS AS SHOWN IN THE LAND USE PLAN. DISTURBANCES WILL BE MINIMIZED WITHIN EACH OF THESE CORRIDORS AND WILL BE RE-VEGETATED AS NEEDED. AREAS THAT ARE OVER 15% SLOPE WITHIN IDENTIFIED STREAMSIDE CORRIDORS WILL BE RE-SEED TO HELP ENSURE BANK STABILITY.
12. HAVE OPPORTUNITIES TO RECLAIM THE DRAINAGEWAY BEEN IDENTIFIED AND IMPLEMENTED WHERE PRACTICAL? FOR THIS CRITERION, RECLAMATION INCLUDES ANY ACTION THAT IMPROVES THE QUALITY OF THAT DRAINAGEWAY VISUALLY, FUNCTIONALLY, OR RECREATIONALLY, AND THAT BRINGS THE DRAINAGEWAY INTO A MORE NATURAL CONDITION.
RESPONSE: MAJOR DRAINAGE WAYS HAVE BEEN PRESERVED WITH OPEN SPACE CORRIDORS. SOME STABILIZATION AND GRADING MAY BE NEEDED WHICH WILL BE DETERMINED AT TIME OF DEVELOPMENT PLAN.

- LEGEND**
- VILLAGE C SITE BOUNDARY
 - UTILITY EASEMENT
 - EXISTING PROPERTY LINES
 - EFFECTIVE 100 YEAR FLOODPLAIN
 - 10' CONTOUR
 - POTENTIAL DRAINAGE CHANNELS
 - DRAINAGE ALIGNMENT
 - POTENTIAL WETLANDS



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BANNING LEWIS RANCH - VILLAGE C
 LAND USE PLAN
 COLORADO SPRINGS, CO
 LSA - STREAMSIDE OVERLAY & NATURAL FEATURES

PROJECT INFORMATION

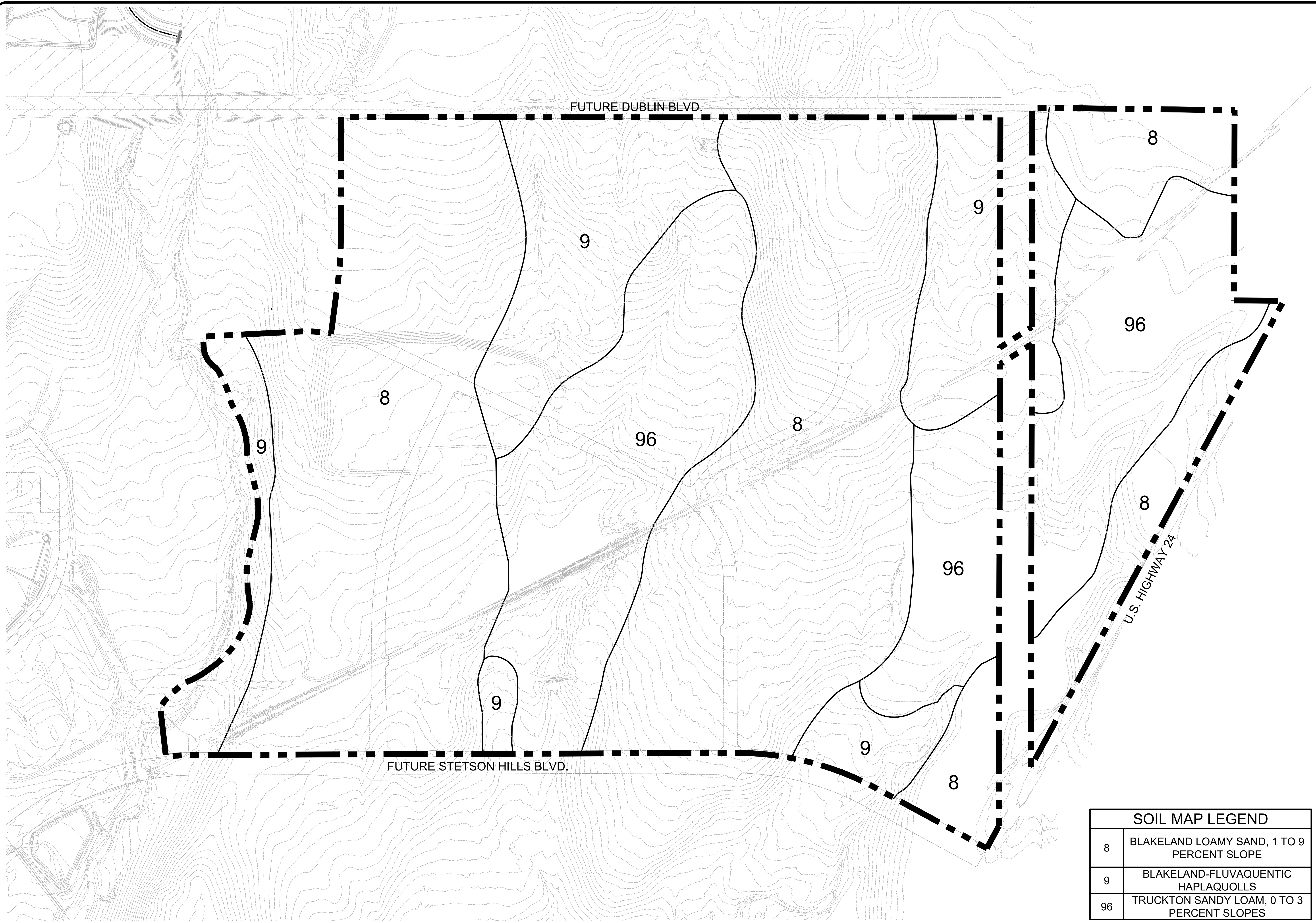
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BANNING LEWIS RANCH - VILLAGE C

LAND USE PLAN
COLORADO SPRINGS, CO

LSA - SOIL ANALYSIS

PROJECT INFORMATION

PROJECT #: 241010
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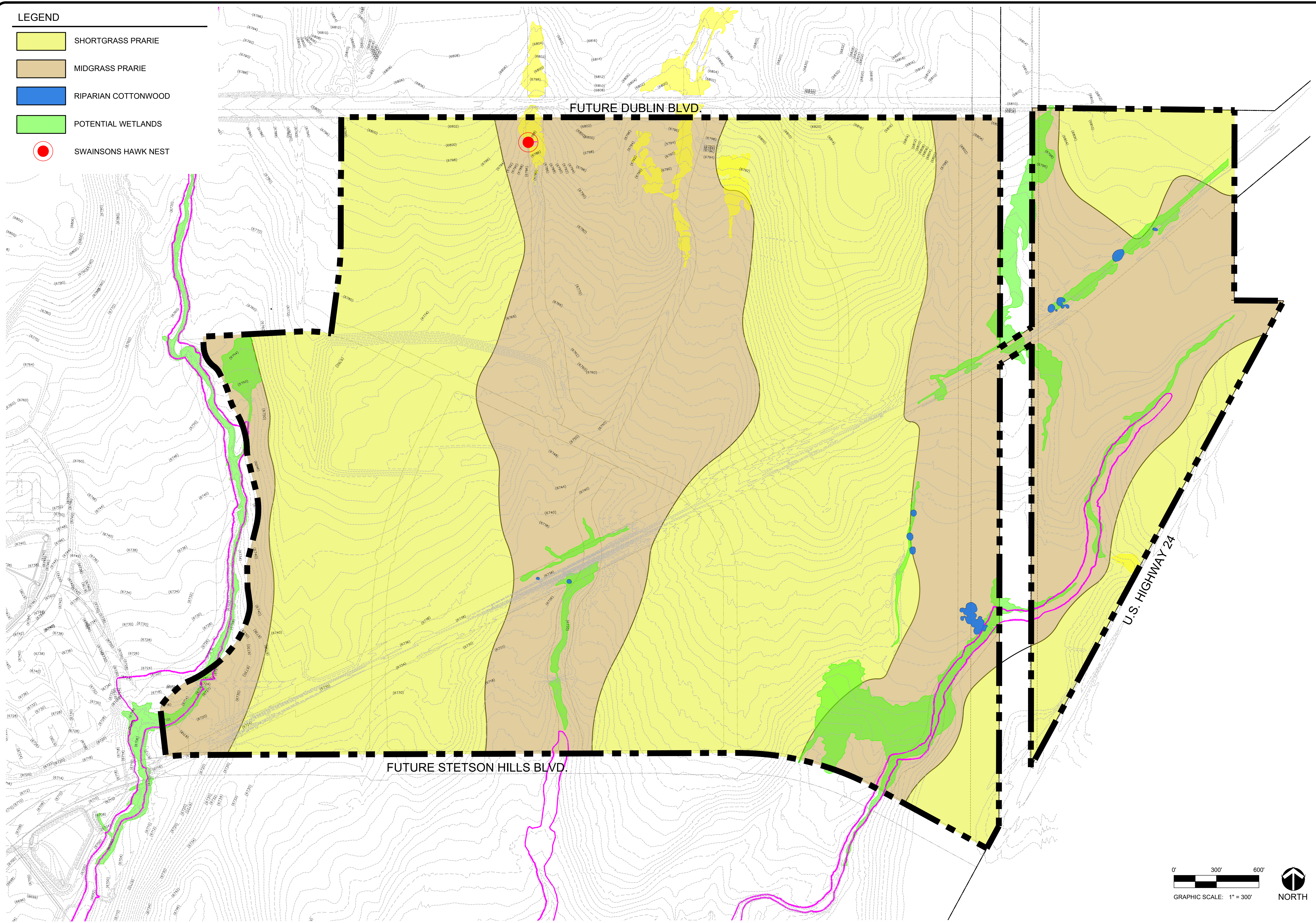
SOIL MAP LEGEND	
8	BLAKELAND LOAMY SAND, 1 TO 9 PERCENT SLOPE
9	BLAKELAND-FLUVAQUENTIC HAPLAQUOLLS
96	TRUCKTON SANDY LOAM, 0 TO 3 PERCENT SLOPES

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LEGEND

- SHORTGRASS PRARIE
- MIDGRASS PRARIE
- RIPARIAN COTTONWOOD
- POTENTIAL WETLANDS
- SWAINSONS HAWK NEST



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BANNING LEWIS RANCH - VILLAGE C

LAND USE PLAN
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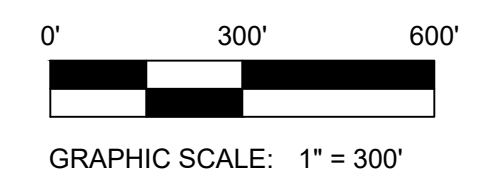
LSA - VEGETATION & WILDLIFE ANALYSIS

PROJECT INFORMATION

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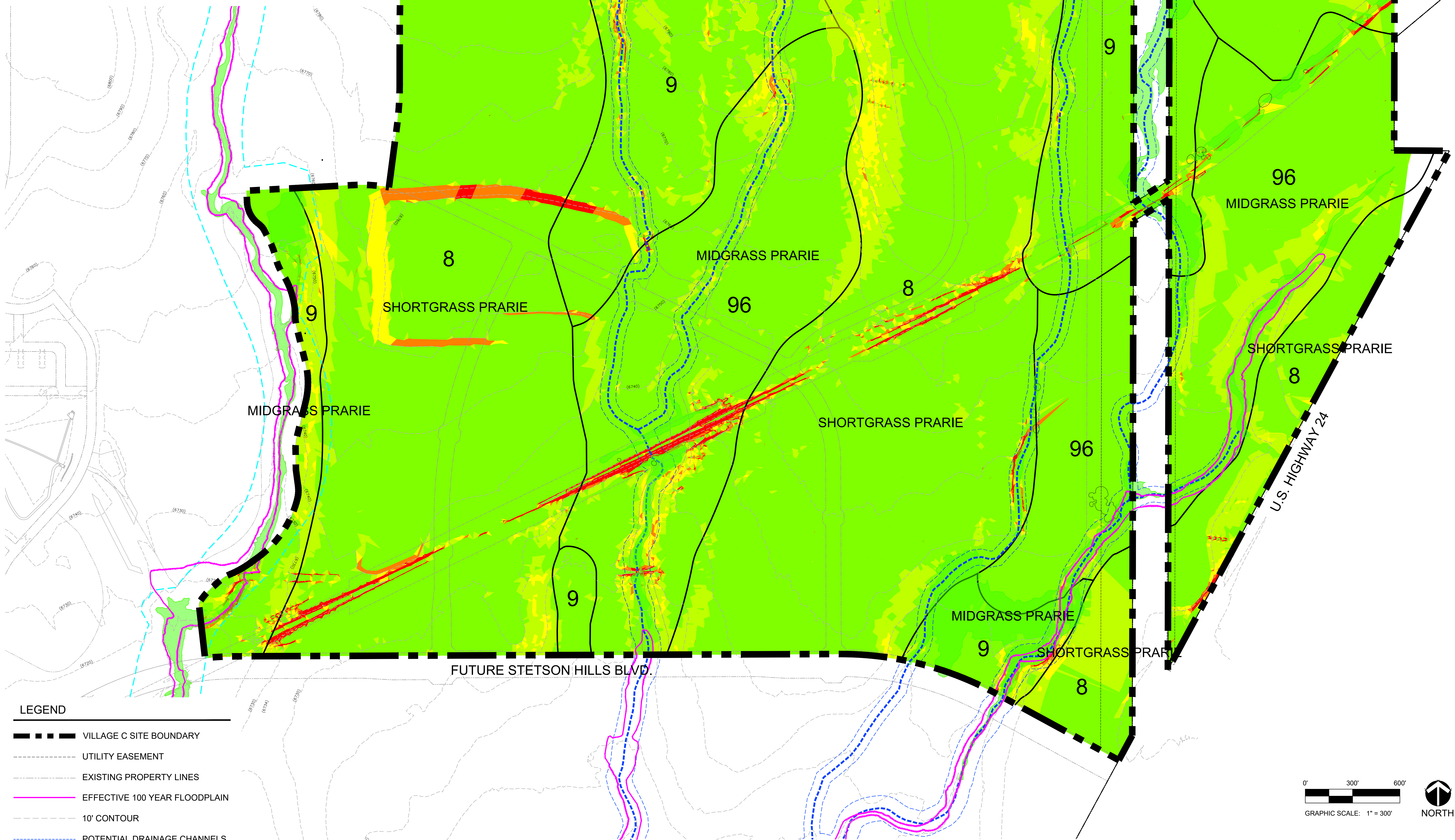
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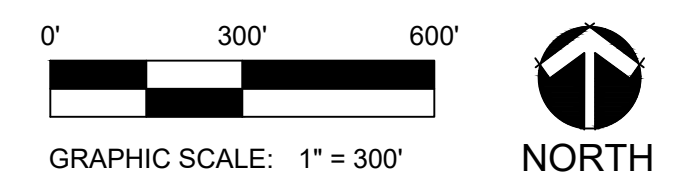
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LAND USE PLAN
COLORADO SPRINGS, CO

LSA - COMPOSITE SUITABILITY ANALYSIS

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