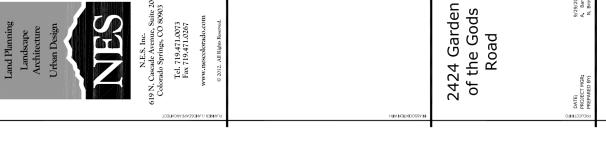


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2424 Garden of the Gods Road CITY OF COLORADO SPRINGS, COLORADO Land Suitability Analysis

chaseville gravelly sandy loam, 116 to 8 percent slopes 29.2% AOI

Midway clau loam, 3 to 25 percent slopes 16.6% AOI

Manvel Loam, 3 to 9 percent slopes 8.2% AOI

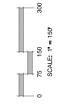


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SOIL ANALYSIS

4

CPC CP 20-00128







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Land Suitability Analysis

QCS - (COLLUVIUM and SHEETWASH DEPOSITS) Weathered bedrock fragments that have been transported downslope primarily by gravity and sheetwash. Ranges from unsorted, clast-supported, pebble to boulder gravel in a sandy silt matrix to matrix-supported gravelly clayey, sandy silt.

KEY

KCGG - (CARLILE SHALE, GREENHORN LIMESTONE, and GRANEROS SHALE, UNDIVIDED) Soft, poorly exposed marine units. Codell member reach a combined thickness of approximately 220 ft. Greenhorn Limestone is approximately 50 ft. in thickness, and Graneros Shale is approximately 250 ft. in thickness.

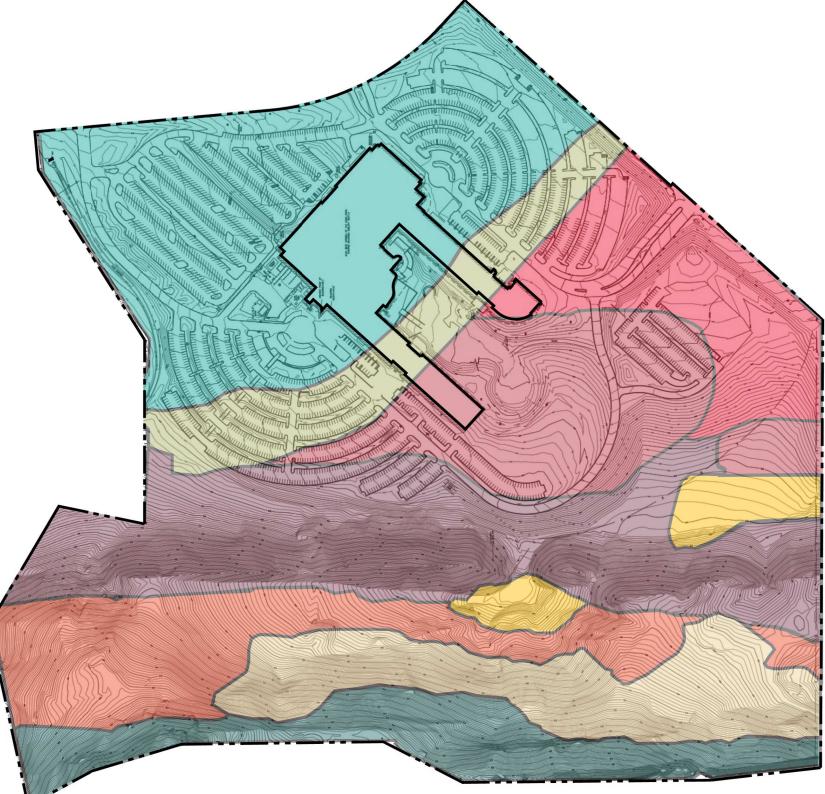
 ${\bf KN}$ - (NIOBRARA FORMATION) Consists of two members of marine origin, the smoky hill shale member and the underlying fort hayes limestone member AF - (ARTIFICAL FILL) Rip rap, engineered fill, and refuse placed during construction. Generally consists of unsorted silt, sand, clay, and rock fragments. KRP - (PIERRE SHALE) Medium to dark gray to black shale beds containing rare thin beds of tan siltstone and neds of finegrained sandstone. Commonly weathers to soft, friable clay

QG1 - (PEDIMENT GRAVEL ONE) Light-red to brown, porrly sorted, moderately to poorly stratified pebble and cobble gravel primarily derived from granitic bedrock, as well as layers of clay, silt, sand and clay clasts derived from shaly bedrock

QFY - (YOUNG ALLUVIAL FAN DEPOSITS) Poorly sorted to moderately sorted, matrix suppported, gravelly, sandy silt, to clast-supported, pebble, cobble, and boulder gravel in sandy silt or silty sand matri

KD - (DAKOTA SANDSTONE) Interbedded buff, yellow gray quartz sandstone and gray shale beds, approxim ft thick

QAC - (ALLUVIUM and COLLUVIUM) Stream channel, terrace, and flood-plain deposits along valley floors of ephemeral. Typically composed of poorly to well sorted, stratified, interbedded, pebbly sand, sandy silt, and sandy gravel.



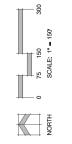
9/29/2020 A Barlow N Brower

LAND SUITABILITY ANALYSIS

2424 Garden

of the Gods

Road

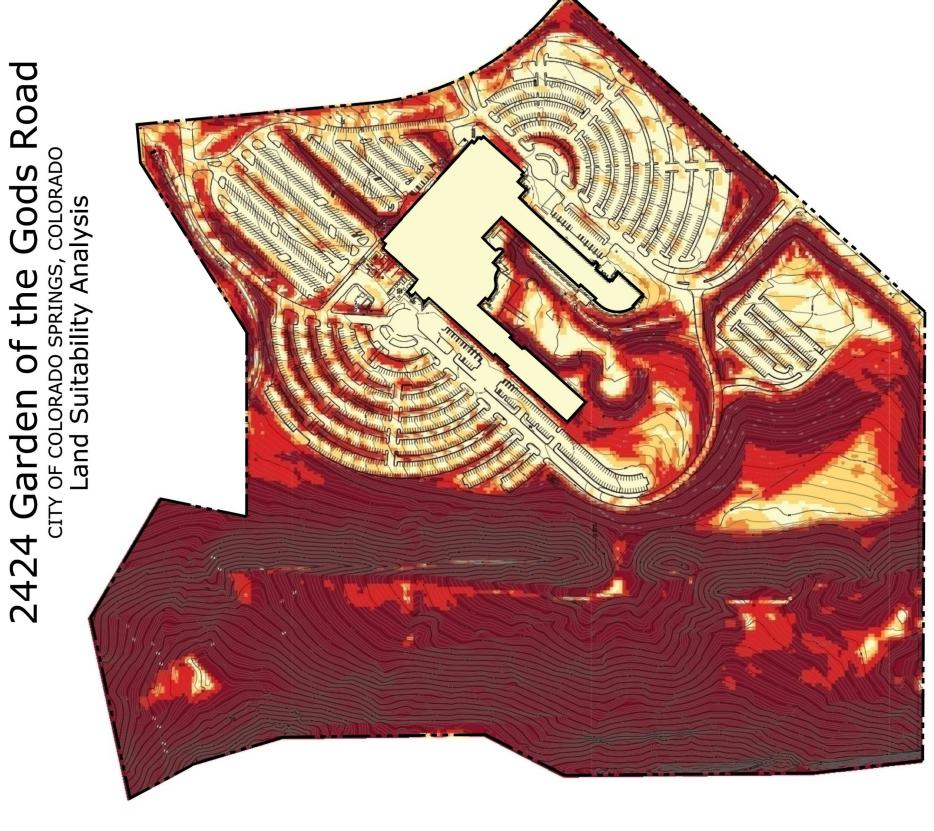


CPC CP 20-00128

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rdes/2424 Garden of the Gods Road/DrawIngs/Basedwg/hzdwg/180471.dwg [24x36] 9/29/2020 1:19:43 PM nbrower





SLOPE PERCENTAGE

%8-0

Slope Analysis Source:
NES Inc. 2424 Garden of the Gods Slope Analysis, [Esri ArcGIS®, AutoCAD 2018
Topographic Survey provided by Clark Land Surveying Inc., 1"=150', Colorado Springs, CO, Crobot 5th, 2007.

Slope Analysis Map was created using the Spatial Analyst Toolset ArcGIS® software by Esri. ArcGIS® and is the intellectual property of Esri and is used herein under license. Copyright © Esri. All rights reserved. For more information about Esri® software, please visit www.esri.com

2424 Garden of the Gods Road CITY OF COLORADO SPRINGS, COLORADO Land Suitability Analysis

MINIMAL DEVELOPMENT
CONSTRAINTS

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