FIRE DEPARTMENT CONNECTIONS SMALL BE IDENTIFIED BY AN APPROVED SIGN MOUNTED ON THE STREET FRONT, ON THE SIZE OF THE BULDING, OR DIRECTLY ADMEDTED TO A PRESTRAINEN FIRE DEPARTMENT CONNECTION. PIBE OF THE BULDING, OR DIRECTLY ADMEDTED TO A PRESTRAINEN FIRE DEPARTMENT CONNECTION. PIBE OF THE STREET OF THE BULDING OF THE BULDING OF SERVICE BY THE STREET OF THE BULDING OF PORTION THEREOF SERVED BY THE FIRE DEPARTMENT CONNECTION OF THE BULDING OF SERVED BY THE REPORT OF THE STREET OF THE STREE

FIRE DEPARTMENT KEY BOXES SHALL BE REQUIRED WHENEVER: (PLEASE SEE WWW.KNOXBOX.COM)

• A PROPOSED BUILDING WILL HAVE A FIRE ALARM SYSTEM OR FIRE SPRINKLER SYSTEM;
• A PROPOSED BUILDING WILL HAVE AN ELEVATOR;

KEY BOXES: SIZE, LOCATION, AND INSTALLATION

THE PROVISIONS OF THIS SECTION ARE A MINIMUM PROJUPEMENT THAT MAY BE SUPERSECED DURING THE COMPRIENSING PLANNING PROCESS. IN SOME CASES, THE FIRE MARCHAL OR HE/FRED PESIONER WAY ACCEPT PERFORMANCE—BASED ALTERNATIVES OR REQUIRE A GREATER LEVEL OF BUILDING ACCESS FOR LIFESAVING OR FREEDINGTHE OPPROSES.

- THE SIZE OF THE REQUIRED KEY BOX IS DEPENDENT ON BUILDING SIZE AND/OR CONFIGURATION: LESS THAN SEVEN STORIES, LESS THAN 50,000 SQ FT: KNOX 3200 SERIES LESS THAN SEVEN STORIES, GREATER THAN 50,000 SQ FT: KNOX 4400 SERIES HIGH-RISE BUILDING: KNOX 4400 SERIES
- ALL KEY BOXES SHALL BE OF THE HINGED TYPE; "LIFT-OFF" LIDS ARE NOT PERMITTED.
- *KY* DOUGS SHALL BE LOCATED AT THE MAIN ENTENANE TO THE BUILDING OR OTHER LOCATION APPROVED BY THE FIRE MASSIN, OR INSIGNED RESIGNEE KAY DROUGH ENTENANT OF THE ABOVE FINISHED GRADE, BUT MUST BE NO LOWER THAN TIVE (5) FEET OR NO HIGHER THAN SIX (6) FEET ABOVE FINISHED GRADE, BUT MUST BE NO LOWER THAN TIVE (5) FEET OR NO HIGHER THAN SIX (6) FEET ABOVE FINISHED GRADE, BUT MUST BE NOT LOWER THAN TIVE (6) FEET OR NOT HIGHER THAN SIX (6) FEET ABOVE FINISHED GRADE. ALL MEASUREMENTS SHALL BE TO THE CENTERILE OF THE BOY.

KEY BOXES: CONTENTS

- EACH KEY SET MUST INCLUDE:

 KEYS TO PROVUE ACCESS TO ALL PORTIONS OF THE BUILDING

 NE (1) ELECTROAL PANEL KEY

 IF THE BUILDING SE COUPPED WITH AN ELENATOR ONE (1) FIRE ALARM KEY

 IF THE BUILDING SE COUPPED WITH AN ELENATOR ONE (1) ELENATOR KEY

THE FOLIAMEN NUMBER OF KTY SETS SMAL BE REQUIRED BASED ON THE BUILDING SIZE AND/OR CONFIGURATION:

- SONEL STORM, SONE, LESS TIMM, 50,000 SO FT, ONE SET

- SINCLE STORM, CREATER THAN 50,000 SO FT; THREE SETS

- TWO TO SX STORIES, SEST SHM 50,000 SO FT; THREE SETS

- TWO TO SX STORIES, SERVER THAN 50,000 SO FT; THREE SETS

- HIGH-RISE BUILDING/GREATER THAN 50,000 SO FT; THREE SETS

THE FIRE MARSHAL OR HIS/HER DESIGNEE MAY REQUIRE A DIFFERENT NUMBER OF KEY SETS DEPENDENT ON THE BUILDING SIZE, CONFIGURATION, OR TO PROVIDE A GREATER LEVEL OF BUILDING ACCESS FOR LIFESAVING OR FIREFIGHTING PURPOSES.

THE PROVISIONS OF THIS SECTION ARE A MINIMUM REQUIREMENT THAT MAY BE SUPPRISEDED DURING THE COMPRESENCE PURNING PROCESS, IN SOME OSISS, THE REE MARSHAL OR HIS/HER DESIGNEE MAY ACCEPT PROFESSIONAL OR SUPPRISED THE PROPERTY OF THE PROPERTY

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- ELEVATOR BOXES: CONTENTS

 AN ELEVATOR BOX SET SHALL BE DEFINED AS THE FOLLOWING:

 ONE (1) LELEVATOR BOX DOR DROP KEY

 ONE (1) KEY SET AS DESCRIBED IN KEY BOXES: CONTENTS, ABOVE

THE FOLLOWING NUMBER OF ELEVATOR BOX SETS SHALL BE REQUIRED BASED ON THE BUILDING SIZE AND/OR OLONFIGNATIONS:

• LOW-RISE BUILDING/SVEN STORRES OR LESS: ONE SET HIGH-RISE BUILDING/SVEN STORRES OR LESS: ONE SET HIGH-RISE BUILDING/SVEN STORRES OR CREATER: TWO SETS

Hydrologic Soil Group—Roanoke County and the Cities of Roanoke and Salem, Virginia MAPLEGEND MAP INFORMATION The soil surveys that comprise your AOI were mapped at 1:24,000. Area of Inter Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale. Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) Major Roads Coordinate System: Web Mercator (EPSG:35t): Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Abers equel-eres conic projection, should be used if more accurate celculations of distance or area are required. good Local Roads Background

Aerial Photography This product is generated from the USDA-NRCS certific of the version date(s) listed below. Soil Survey Area: Roanoke County and the Cities of Roanoke and Salem, Virginia Survey Area Data: Version 15, Jun 5, 2020 ar on Date(s) aerial images were photographed: Jun 29, 2012—Feb 8, 2017 Soil Rating Points The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map with brundaries may be revident. Web Soil Survey National Cooperative Soil Survey



tydrologic Soll Group—Roanoke County and the Cities of Roanoke and Salem, Virginia

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
5C	Chiswell-Litz complex, 7 to 15 percent slopes	D	1.4	79.9
960	complex, 2 to 15 percent slopes	0	0.0	44.6
52	Udorthents-Urban land complex		0.1	8.5
Totals for Area of Interest			1.7	100.0

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderatel rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These conschiefly of soils having a layer that impedes the downward movement of water soils of moderately fine texture or fine texture. These soils have a slow rate of Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-eveil potentials, soils that have a high set have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

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& ASSOCIATES Roanoke / Richmond New River Valley / Stauntor Harrisonburg / Lynchburg www.balzer.cc 1208 Corporate Circle Roanoke, VA 24018 540.772.9580



City of Roanoke Planning, Building, & Development COMPREHENSIVE DEVELOPMENT PLAN

APPROVED by Aaron Cypher 05/18/2021

INFORMATION HILLS SOILS ROANOKE ∞ŏ NOTES &

DRAWN BY

DESIGNED BY

CHECKED BY

DATE

SCALE

REVISIONS 3/31/2021

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SME

2/25/2021

AS SHOWN