



Table 27-7 BUILDABLE AREA ANALYSIS

SENSITIVE EXISTING CONDITIONS	GROSS AREA (ACRES)	PERMITTED DISTURBANCE AREA	NET BUILDABLE RATIO (ACRES)
LINE 1: All floodplains, wetlands, and hydric soils	0.00	x 0.0	0.00
LINE 2: All lakes and waterbodies	0.00	x 0.0	0.00
LINE 3: All natural drainage ways/systems	0.00	x 0.0	0.00
LINE 4: Other areas on slopes 0-15% not calculated as part of LINES 1, 2, and 3.	7.25	x 1.0	7.25
LINE 5: Other areas on slopes >15 but <25% not calculated as part of LINES 1, 2, and 3.	1.96	x 0.75	1.47
LINE 6: Other areas on slopes >25% not calculated as part of LINES 1, 2, and 3.	2.08	x 0.25	0.52
LINE 7: Sum of LINES (1+2+3+4+5+6)	11.29		9.24

SYMBOL	SOIL NAME	SLOPE %	HYDROLOGIC GROUP	LIMITATIONS
DoB	DORMONT SILT LOAM	3-8%	D	CUTBANKS, CORROSIVE (C/S), ERODIBLE, SEASONAL HIGH WATER TABLE, HYDRIC INCLUSIONS, LANDSLIDE PRONE, SLOW PERCOLATION, PIPING, POOR TOPSOIL, FROST ACTION, SHRINK-SWELL, POTENTIAL SINKHOLES, WETNESS
GID	GILPIN SILT LOAM	15-25%	C	CUTBANKS, CORROSIVE (C), DROUGHTY, ERODIBLE, HYDRIC INCLUSIONS, LANDSLIDE PRONE, SLOW PERCOLATION, PIPING, POOR TOPSOIL, FROST-ACTION
GpD	GILPIN-UPSHUR COMPLEX	15-25%	C	CUTBANKS, CORROSIVE (C/S), DROUGHTY, ERODIBLE, HYDRIC INCLUSIONS, LANDSLIDE PRONE, SLOW PERCOLATION, PIPING, POOR TOPSOIL, FROST-ACTION
RycB	RAYNE SILT LOAM	3-8%	B	CUTBANKS, CORROSIVE (C), ERODIBLE, LANDSLIDE PRONE, SLOW PERCOLATION, PIPING, POOR TOPSOIL, FROST-ACTION
Whc	WHARTON SILT LOAM	8-15%	C/D	CUTBANKS, CORROSIVE (C/S), ERODIBLE, SEASONAL HIGH WATER TABLE, HYDRIC INCLUSIONS, LANDSLIDE PRONE, SLOW PERCOLATION, PIPING, POOR TOPSOIL, FROST-ACTION, SHRINK-SWELL, WETNESS

SLOPE TABLE

NUMBER	MINIMUM SLOPE	MAXIMUM SLOPE	COLOR	AREA (AC)
1	0.000%	15.000%	Green	7.25
2	15.001%	25.000%	Yellow	1.96
3	25.001%	40.000%	Orange	0.08
4	40.001%	>40.001%	Brown	2.00

ABOVE CALCULATIONS ARE BASED ON THE AREAS WITHIN THE LIMIT OF DISTURBANCE

Date	Description	No.
06/23/22	TOWNSHIP COMMENTS	2
05/26/22	DD SUBMITTAL	1
Date	Description	No.

Signature: *[Handwritten Signature]*
 Date: _____

LANGAN
 Langan Engineering and Environmental Services, Inc.
 2400 Ansys Drive, Suite 403
 Canonsburg, PA 15317
 T: 724.514.5100 F: 724.514.5101 www.langan.com

Project
35 SUMMIT PARK DRIVE
 PITTSBURGH
 ALLEGHENY COUNTY PENNSYLVANIA

Drawing Title
BUILDABLE AREA ANALYSIS

Project No.
250166601
 Date
MAY 23, 2022
 Drawn By
KAG
 Checked By
CAD
 Drawing Title
CA100