1. Measure or record major dimensions of building exterior (Facility manager)
2. Calculate BGSF of existing building from dimensions (Tool)
3. Divide existing BGSF by Building Conversation Factor (see Table 1) to estimate available DGSF (Enter Appropriate Divide existing
Factor into Tool)

Table 1 - Building Conversion Factors for Chillicothe Building 30

| Source of Building Extents | Measured BGSF | Building Conversion |
| :--- | :--- | :--- | :--- |


| from As-Built Plan | 15969 SF | 1.23 |
| :--- | :--- | :--- |
| from NearMap | 18319 SF | 1.42 |
| from NearMap - assume 2' eaves | 16291 SF | 1.26 |
| from Tool Dimensions | 16011 SF | 1.24 |

## General Notes:

1. Building Gross Square Footage (BGSF) in this context is the floor area of the building (per level), which includes entire floor area occupied by rooms/spaces, walls (interior and exterior), corridors, conveyances, mechanical/utility rooms, and shafts. (Source : U.S. Department of Veterans Affairs)
2. Department Gross Square Footage (DGSF) is the floor area within the boundaries of a functional department define by a space planning criteria chapter, including floor area occupied by rooms/spaces, walls defining the spaces, and circulation corridors connecting the different rooms of the department. (Source : U.S. Department of eterans Affairs)
Department Net to Gross (DNTG) Conversion Factor is a parameter determined by the VA for each space planning criteria chapter, used to convert the programmed Net Square Foot (NSF) area to the DGSF area. Source : U.S. Department of Veterans Affairs.
3. Building Conversion Factor calculated by dividing BGSF (based on source of dimensions) by desired DGSF (calculated from Prototype layout).
4. Figures based on measurements taken from varying sources
A. "From As-Built Plan" represents the BGSF obtained from the original building plans.
B. "From NearMap" represents the BGSF obtained from measuring the building using the high resolution
C. "From NearMap - assume 2' eaves"
C. From Nurments, with affset for a represents the BGSF extrapolated from the NearMap
D. "From Tool Dimensions" represents the BGSF extrapolated from dimensions included in Excel Tool, not capturing bumpouts and central wing. (Shown in upper right corner)


Key Plan with Exterior Dimensions
Bldg. 30 Tool Dimensions
A : 32' $-0^{\prime \prime}$
B $37^{\prime}-0^{\prime \prime}$
C: 148' $-0^{\prime \prime}$
D: 109' - 0"
F: 41' - 0 "
G:32' - 0"

Building 30 - Chillicothe OH VA Medical Center Campus

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1. Measure or record major dimensions of building exterior (Faciilty manager)
2. Calculate BGSF of existing building from dimensions (Tool)

Divide existing BGSF by Building Conversation Factor (see Table 1) to estimate available DGSF (Enter Appropriate Factor into Tool)

Key Plan with Exterior Dimensions
Bldg. 2 Tool Dimensions
A: 25' $-8^{\prime \prime \prime}$
B: 69'-8"
C: 69' $-8^{\prime \prime}$
D: $50^{\prime}-4^{\prime \prime}$
E:30' - 0 "

| Table 1 - Building Conversion Factor for Chillicothe Building 2 |  |  |
| :--- | ---: | ---: |
| Source of Building Extents |  |  | | Measured BGSF |
| :---: |
| (per level) |$\quad$| Building |
| :---: |
| Conversion Factor <br> (per level) |
| from As-Built Plan |
| from NearMap |
| from NearMap - assume 1' eaves |
| from Tool Dimensions |

General Notes:

1. Building Gross Square Footage (BGSF) in this context is the floor area of the building (per level), which includes entire loor area occupied by rooms/spaces, walls (interior and exterior), corridors, conveyances, mechanica//utility rooms, and shafts. (Source : U.S. Department of Veterans Affairs)
2. Department Gross Square Footage (DGSF) is the floor area within the boundaries of a functional department as define by a space planning criteria chapter, including floor area occupied by rooms/spaces, walls defining the spaces, and circulation corridors connecting the different rooms of the department. (Source: $U$ U.S. Department of Veterans Affairs) Departmen Net to Gross (DNver the programmed Net Square Foot (NSF) area to the DGSF area. (Source : $U$. criteria chapter, used to convert
Building Conversion Factor calculated by dividing BGSF (based on source of dimensions) by desired DGSF (calculate from Prototype layout).
3. Figures based on measurements taken from varying sources
A. "From As-Built Plan" represents the BGSF obtained from the original building plan
"From NearMap" represents the BGSF obtained from measuring the building using the high resolution aerial mapping website, www.NearMap.com
C. "From NearMap - assume 1' eaves" represents the BGSF extrapolated from the NearMap measuen
C. with an offset for a typical roof overhang
D. "From Tool Dimensions" represents the BGSF extrapolated from dimensions included in Excel Tool, not capturing bumpouts and central wing. (Shown in upper right corner)

Building 2 - Chillicothe, OH VA Medical Center Campus

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