

BLD#1 WEST RECESSES	
A	3'-8"
B	7'-11"
<b>COMBINED</b>	<b>11'-7"</b>

- BUILDING 1 WEST**
- FACADE WALL TOTAL LENGTH = 53'-3"
  - LONGEST SEGMENT OF FACADE WALL = 24'-4"
  - 3% OF LONGEST SEGMENT = 9"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 9"
  - MINIMUM PROVIDED = 5'-7"
  - 20% LENGTH OF WALL FACADE = 10'-8" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 11'-7"

BLD#1 NORTH RECESSES	
A	5'-7"
B	14'-7"
C	15'-0"
D	20'-11"
E	7'-3"
F	14'-4"
G	6'-1"
<b>COMBINED</b>	<b>83'-9"</b>

- BUILDING 1 NORTH**
- FACADE WALL TOTAL LENGTH = 303'-9"
  - LONGEST SEGMENT OF FACADE WALL = 50'-4"
  - 3% OF LONGEST SEGMENT = 18"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 18"
  - MINIMUM PROVIDED = 3'-8"
  - 20% LENGTH OF WALL FACADE = 60'-9" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 83'-9"

BLD#1 SOUTH RECESSES	
A	9'-6"
B	14'-6"
C	14'-11"
D	6'-6"
E	14'-8"
F	9'-7"
<b>COMBINED</b>	<b>69'-8"</b>

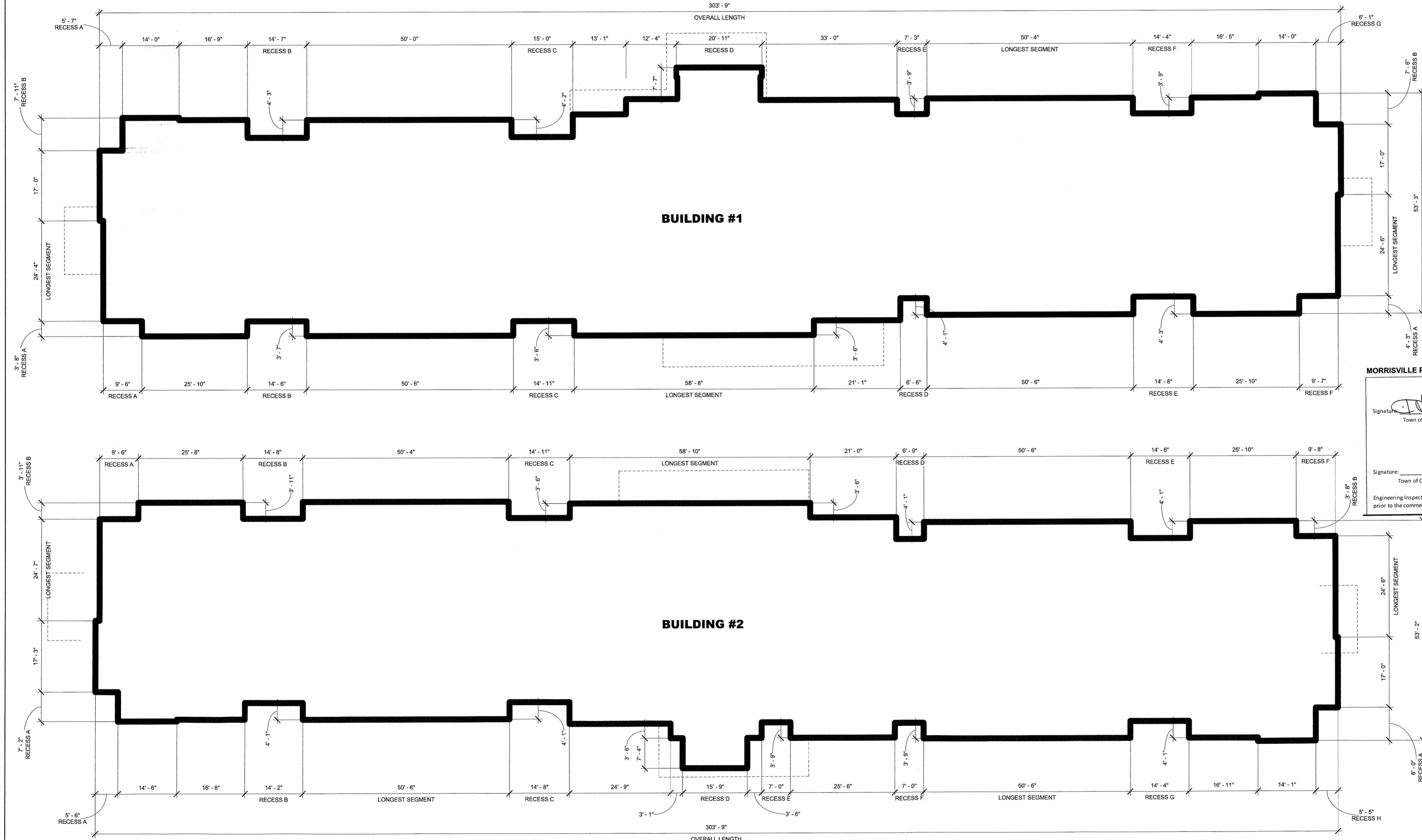
- BUILDING 1 SOUTH**
- FACADE WALL TOTAL LENGTH = 303'-9"
  - LONGEST SEGMENT OF FACADE WALL = 58'-8"
  - 3% OF LONGEST SEGMENT = 21"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 21"
  - MINIMUM PROVIDED = 3'-6"
  - 20% LENGTH OF WALL FACADE = 60'-9" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 69'-8"

**GENERAL NOTES**

1. ALL CALCULATIONS APPLY TO ALL FLOORS

BLD#1 EAST RECESSES	
A	4'-3"
B	7'-6"
<b>COMBINED</b>	<b>11'-9"</b>

- BUILDING 1 EAST**
- FACADE WALL TOTAL LENGTH = 53'-3"
  - LONGEST SEGMENT OF FACADE WALL = 24'-6"
  - 3% OF LONGEST SEGMENT = 9"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 9"
  - MINIMUM PROVIDED = 6'-1"
  - 20% LENGTH OF WALL FACADE = 10'-8" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 11'-9"



MORRISVILLE PROJECT #: 17-11000001 FILE #: 17-0001-SC

Town of Morrisville  
APPROVED FOR CONSTRUCTION

Signature: *[Signature]* Date: 5/21/18  
Town of Morrisville, Town Engineer

Engineering: *[Signature]* Date: *[Signature]*  
Planning: *[Signature]* Date: *[Signature]*

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Town of Cary Utilities, Water and Sewer

Engineering Inspection Services must be contacted (919) 463-6907 at a minimum 24 hours prior to the commencement of any construction activities.

**1 WALL PLANE RECESSES IN COMPLIANCE W/ 5.9.5.B FACADE WALL LENGTH**

SCALE: 3/32" = 1'-0"

BLD#2 WEST RECESSES	
A	7'-2"
B	3'-11"
<b>COMBINED</b>	<b>11'-7"</b>

- BUILDING 2 WEST**
- FACADE WALL TOTAL LENGTH = 53'-2"
  - LONGEST SEGMENT OF FACADE WALL = 24'-7"
  - 3% OF LONGEST SEGMENT = 9"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 9"
  - MINIMUM PROVIDED = 5'-6"
  - 20% LENGTH OF WALL FACADE = 60'-9" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 11'-7"

BLD#2 NORTH RECESSES	
A	9'-6"
B	14'-8"
C	14'-11"
D	6'-9"
E	14'-6"
F	9'-8"
<b>COMBINED</b>	<b>70'-0"</b>

- BUILDING 2 NORTH**
- FACADE WALL TOTAL LENGTH = 303'-9"
  - LONGEST SEGMENT OF FACADE WALL = 58'-10"
  - 3% OF LONGEST SEGMENT = 21"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 21"
  - MINIMUM PROVIDED = 3'-6"
  - 20% LENGTH OF WALL FACADE = 60'-9" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 70'-0"

BLD#2 SOUTH RECESSES	
A	5'-6"
B	14'-2"
C	14'-8"
D	15'-9"
E	7'-0"
F	7'-0"
G	14'-4"
H	5'-5"
<b>COMBINED</b>	<b>83'-10"</b>

- BUILDING 2 SOUTH**
- FACADE WALL TOTAL LENGTH = 303'-9"
  - LONGEST SEGMENT OF FACADE WALL = 50'-6"
  - 3% OF LONGEST SEGMENT = 18"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 18"
  - MINIMUM PROVIDED = 3'-6"
  - 20% LENGTH OF WALL FACADE = 60'-9" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 83'-10"

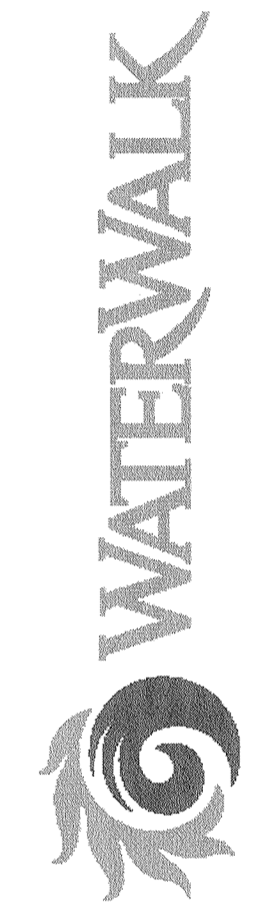
- BUILDING 2 EAST**
- FACADE WALL TOTAL LENGTH = 53'-2"
  - LONGEST SEGMENT OF FACADE WALL = 24'-6"
  - 3% OF LONGEST SEGMENT = 9"
  - MINIMUM DEPTH OF ARTICULATION REQUIRED = 9"
  - MINIMUM PROVIDED = 5'-5"
  - 20% LENGTH OF WALL FACADE = 60'-9" MINIMUM REQUIREMENT
  - COMBINED RECESS LENGTH = 11'-9"

BLD#2 EAST RECESSES	
A	8'-0"
B	3'-8"
<b>COMBINED</b>	<b>11'-9"</b>



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Morrisville  
**WaterWalk**  
153 Units

1012 LOWER SHILOH WAY, MORRISVILLE, NC 27560  
1016 LOWER SHILOH WAY, MORRISVILLE, NC 27560

Revisions:

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Checked By: KE

Sheet Name:  
WALL PLANE  
RECESSES STUDY

**A1.0a**