

McADAMS

The John R. McAdams Company, Inc.  
2905 Meridian Parkway  
Durham, NC 27713

phone 919. 361. 5000  
fax 919. 361. 2269  
license number: C-0293, C-187

www.mcadamsco.com

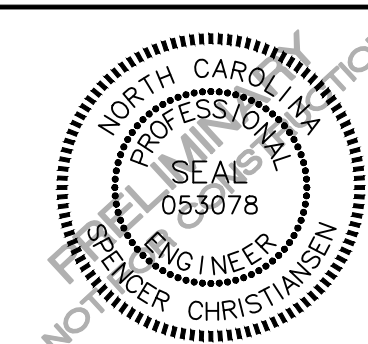
CLIENT

NORTHWOOD RAVIN  
3015 CARRINGTON MILL BLVD, STE 460  
MORRISVILLE, NORTH CAROLINA 27560  
Adam Golden  
PHONE: 919. 354. 3680



NORTHWOOD RAVIN

HILLMONT  
CONDITIONAL ZONING PERMIT  
STANCELL DRIVE  
CHAPEL HILL, NORTH CAROLINA 27517



REVISIONS

NO.	DATE	REVISION
1	06.07.2023	REVISED PER 1ST CZP COMMENTS
2		
3		
4		
5		
6		

PLAN INFORMATION

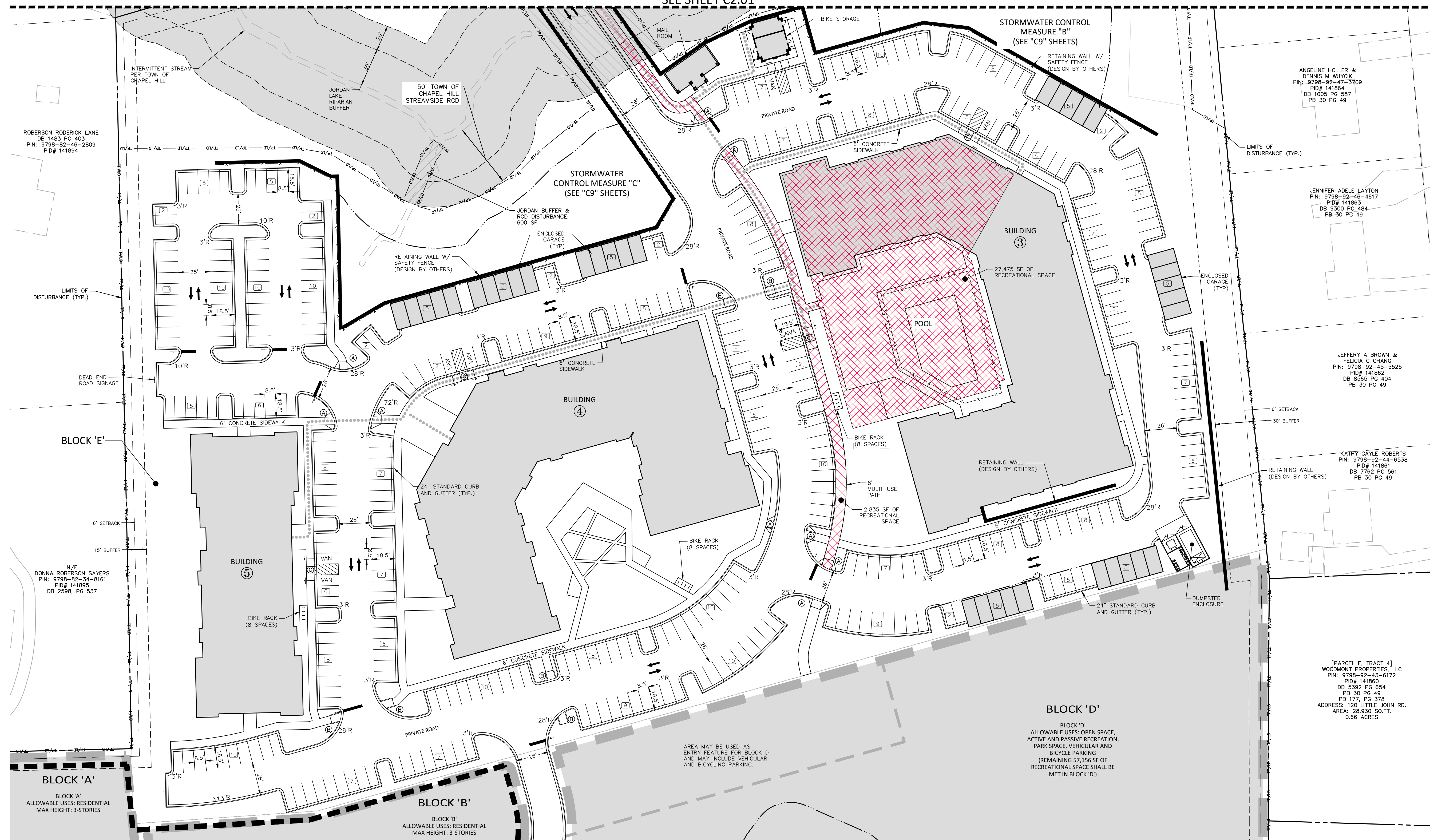
PROJECT NO. RAV-21002  
FILENAME RAV21002-S1  
CHECKED BY SJG  
DRAWN BY WHM/LIL  
SCALE 1" = 40'  
DATE 03.23.2023

SHEET

SITE PLAN

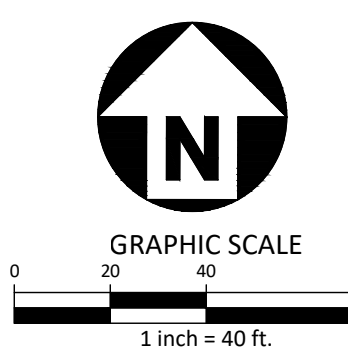
C2.02

SEE SHEET C2.01



SITE LEGEND

- SIGNAGE
  - TRAFFIC DIRECTIONAL ARROW
  - ACCESSIBLE PARKING STALL
  - VAN ACCESSIBLE PARKING STALL
  - PARKING SPACE COUNT
  - ACCESSIBLE RAMPS
  - TYPE A
  - TYPE B
  - TYPE C
  - ACCESSIBLE ROUTE
  - PROPERTY LINE
  - RIGHT-OF-WAY LINE
  - LOT LINE
  - RECREATIONAL AREA  
90,656 SF
- REQUIRED REC SPACE: 0.05 \* 1,813,111 SF = 90,656 SF  
REQUIRED FEE IN LIEU: 90,656 SF \* 1.55 \* \$12.00 \* 25% = \$421,550.40



SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

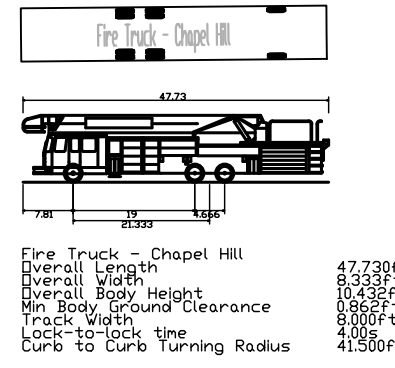
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

M:\Projects\BAV\BAV21002\100-prod\Production\Drawings\Current\Drawings\21002-S1.dwg, 6/8/2023 1:37:10 PM, WHM, McAdams



**TRUCK DIMENSIONS:**



**FIRE LANE SIGNAGE**

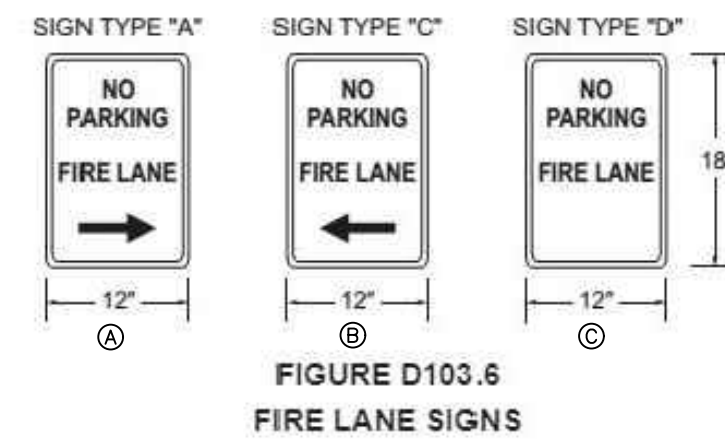
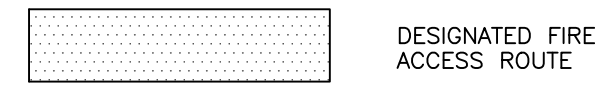


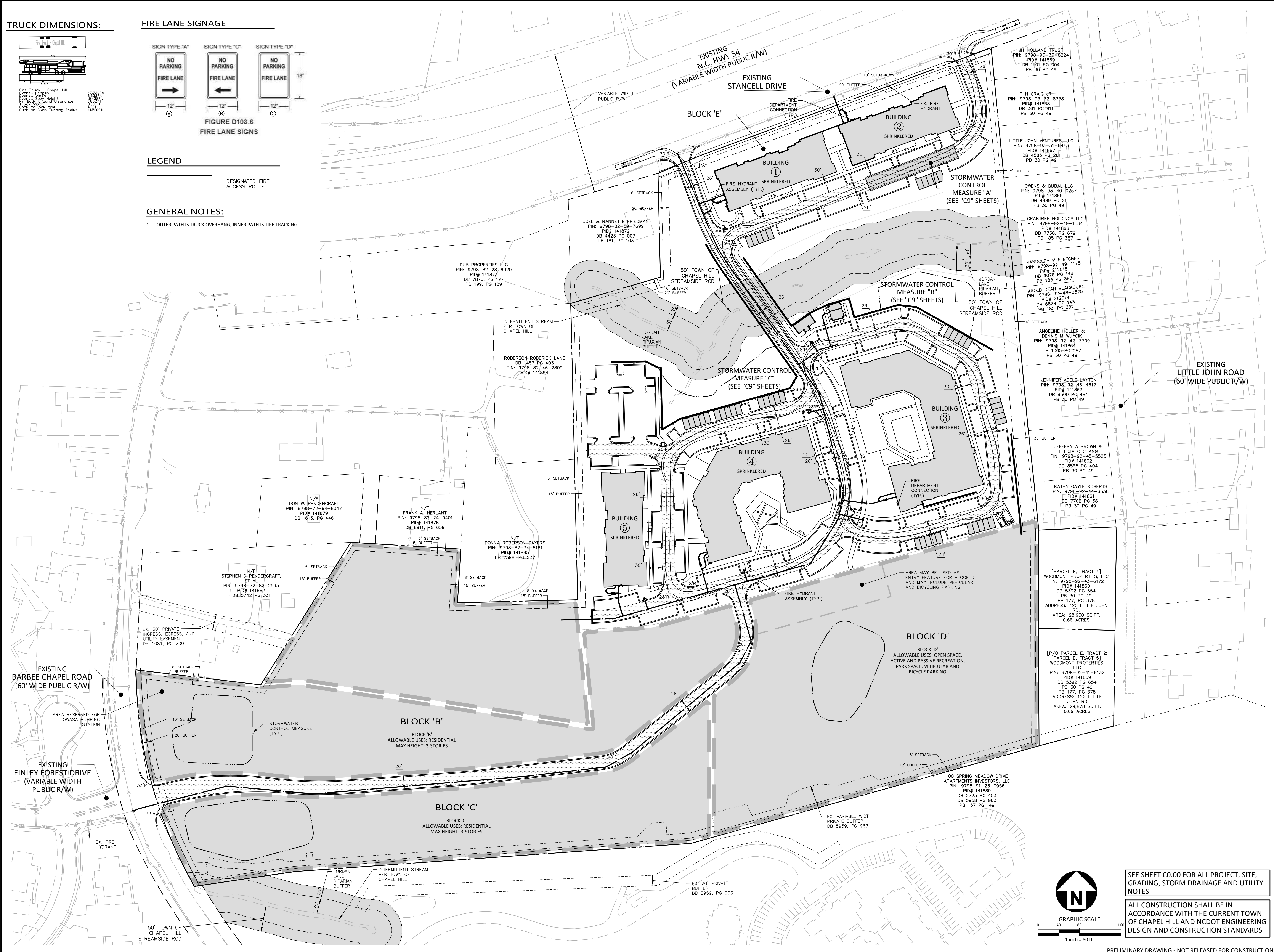
FIGURE D103.6  
FIRE LANE SIGNS

**LEGEND**



**GENERAL NOTES:**

- 1. OUTER PATH IS TRUCK OVERHANG, INNER PATH IS TIRE TRACKING



**McADAMS**  
The John R. McAdams Company, Inc.  
2905 Meridian Parkway  
Durham, NC 27713  
phone 919. 361. 5000  
fax 919. 361. 2269  
license number: C-0293, C-187  
www.mcadamsco.com

**CLIENT**  
NORTHWOOD RAVIN  
3015 CARRINGTON MILL BLVD, STE 460  
MORRISVILLE, NORTH CAROLINA 27560  
Adam Golden  
PHONE: 919. 354. 3680

**HILLMONT  
CONDITIONAL ZONING PERMIT  
STANCELL DRIVE  
CHAPEL HILL, NORTH CAROLINA 27517**



**REVISIONS**

NO.	DATE	REVISED PER	1ST CZP COMMENTS
1	06.07.2023		
2			
3			
4			
5			
6			

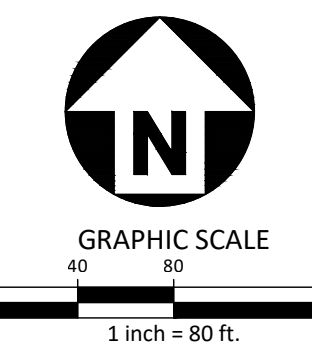
**PLAN INFORMATION**

PROJECT NO.	RAV-21002
FILENAME	RAV21002-FP1
CHECKED BY	SJC
DRAWN BY	LJL
SCALE	1" = 80'
DATE	03.23.2023

**FIRE PROTECTION PLAN**

**C2.03**

SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES  
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS

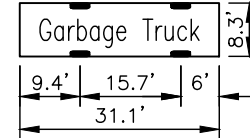




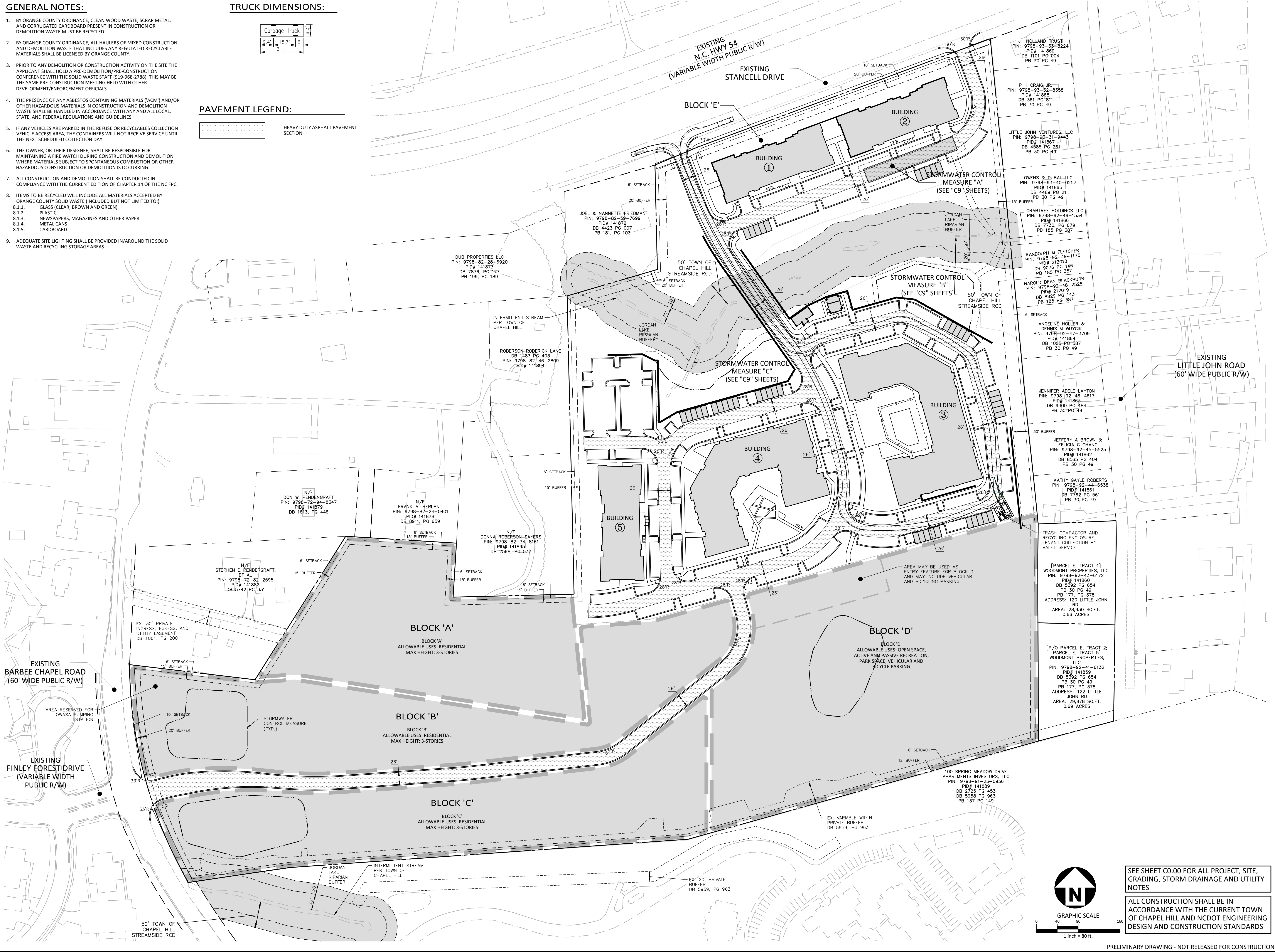
**GENERAL NOTES:**

- BY ORANGE COUNTY ORDINANCE, CLEAN WOOD WASTE, SCRAP METAL, AND CORRUGATED CARDBOARD PRESENT IN CONSTRUCTION OR DEMOLITION WASTE MUST BE RECYCLED.
- BY ORANGE COUNTY ORDINANCE, ALL HAULERS OF MIXED CONSTRUCTION AND DEMOLITION WASTE THAT INCLUDES ANY REGULATED RECYCLABLE MATERIALS SHALL BE LICENSED BY ORANGE COUNTY.
- PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE THE APPLICANT SHALL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH THE SOLID WASTE STAFF (919-968-2788). THIS MAY BE THE SAME PRE-CONSTRUCTION MEETING HELD WITH OTHER DEVELOPMENT/ENFORCEMENT OFFICIALS.
- THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIALS (ACM) AND/OR OTHER HAZARDOUS MATERIALS IN CONSTRUCTION AND DEMOLITION WASTE SHALL BE HANDLED IN ACCORDANCE WITH ANY AND ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND GUIDELINES.
- IF ANY VEHICLES ARE PARKED IN THE REFUSE OR RECYCLABLES COLLECTION VEHICLE ACCESS AREA, THE CONTAINERS WILL NOT RECEIVE SERVICE UNTIL THE NEXT SCHEDULED COLLECTION DAY.
- THE OWNER, OR THEIR DESIGNEE, SHALL BE RESPONSIBLE FOR MAINTAINING A FIRE WATCH DURING CONSTRUCTION AND DEMOLITION WHERE MATERIALS SUBJECT TO SPONTANEOUS COMBUSTION OR OTHER HAZARDOUS CONSTRUCTION OR DEMOLITION IS OCCURRING.
- ALL CONSTRUCTION AND DEMOLITION SHALL BE CONDUCTED IN COMPLIANCE WITH THE CURRENT EDITION OF CHAPTER 14 OF THE NC PFC.
- ITEMS TO BE RECYCLED WILL INCLUDE ALL MATERIALS ACCEPTED BY ORANGE COUNTY SOLID WASTE (INCLUDED BUT NOT LIMITED TO):
  - GLASS (CLEAR, BROWN AND GREEN)
  - PLASTIC
  - NEWSPAPERS, MAGAZINES AND OTHER PAPER
  - METAL CANS
  - CARDBOARD
- ADEQUATE SITE LIGHTING SHALL BE PROVIDED IN/AROUND THE SOLID WASTE AND RECYCLING STORAGE AREAS.

**TRUCK DIMENSIONS:**

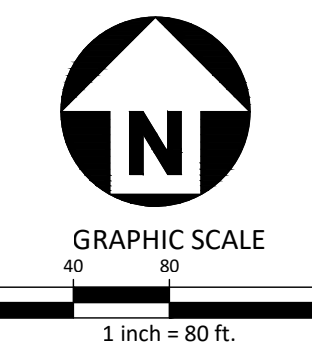


**PAVEMENT LEGEND:**



SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS



**McADAMS**  
The John R. McAdams Company, Inc.  
2905 Meridian Parkway  
Durham, NC 27713

phone 919. 361. 5000  
fax 919. 361. 2269  
license number: C-0293, C-187

www.mcadamsco.com

**CLIENT**

NORTHWOOD RAVIN  
3015 CARRINGTON MILL BLVD, STE 460  
MORRISVILLE, NORTH CAROLINA 27560  
Adam Golden  
PHONE: 919. 354. 3680

**HILLMONT**  
**CONDITIONAL ZONING PERMIT**  
**STANCELL DRIVE**  
CHAPEL HILL, NORTH CAROLINA 27517



**REVISIONS**

NO.	DATE	REVISED PER	1ST CZP COMMENTS
1	06.07.2023		
2			
3			
4			
5			
6			

**PLAN INFORMATION**










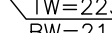

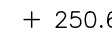
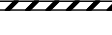




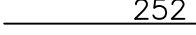



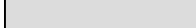


PROJECT NO.	RAV-21002
FILENAME	RAV21002-SW1
CHECKED BY	SJC
DRAWN BY	LJL
SCALE	1" = 80'
DATE	03.23.2023

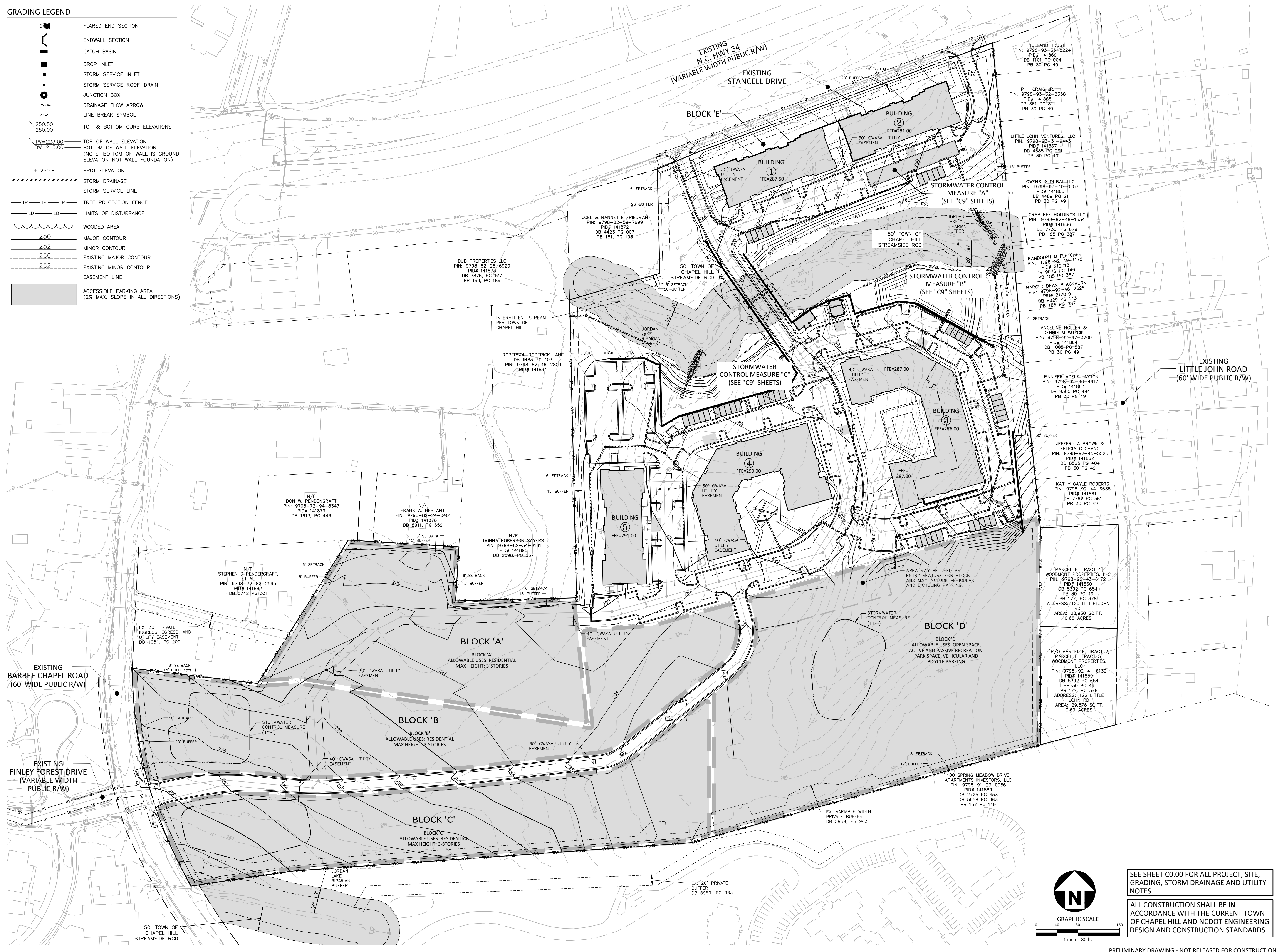
**SOLID WASTE PLAN**

**C2.04**



**GRADING LEGEND**

-  FLARED END SECTION
-  ENDWALL SECTION
-  CATCH BASIN
-  DROP INLET
-  STORM SERVICE INLET
-  STORM SERVICE ROOF-RAIN
-  JUNCTION BOX
-  DRAINAGE FLOW ARROW
-  LINE BREAK SYMBOL
-  TOP & BOTTOM CURB ELEVATIONS
-  TOP OF WALL ELEVATION
-  BOTTOM OF WALL ELEVATION  
(NOTE: BOTTOM OF WALL IS GROUND ELEVATION NOT WALL FOUNDATION)
-  SPOT ELEVATION
-  STORM DRAINAGE
-  STORM SERVICE LINE
-  TREE PROTECTION FENCE
-  LIMITS OF DISTURBANCE
-  WOODED AREA
-  MAJOR CONTOUR
-  MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EASEMENT LINE
-  ACCESSIBLE PARKING AREA  
(2% MAX. SLOPE IN ALL DIRECTIONS)



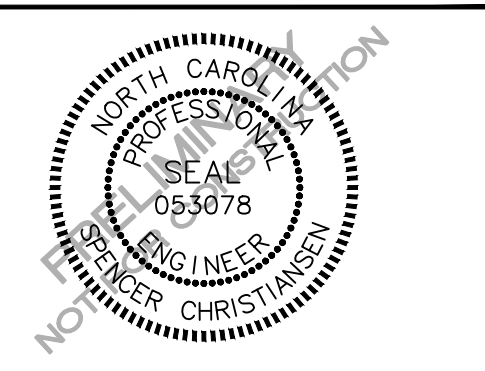

**McADAMS**  
The John R. McAdams Company, Inc.  
2905 Meridian Parkway  
Durham, NC 27713  
phone 919. 361. 5000  
fax 919. 361. 2269  
license number: C-0293, C-187  
www.mcadamsco.com

**CLIENT**  
NORTHWOOD RAVIN  
3015 CARRINGTON MILL BLVD, STE 460  
MORRISVILLE, NORTH CAROLINA 27560  
Adam Golden  
PHONE: 919. 354. 3680



**NORTHWOOD RAVIN**

**HILLMONT  
CONDITIONAL ZONING PERMIT  
STANCELL DRIVE  
CHAPEL HILL, NORTH CAROLINA 27517**



**REVISIONS**

NO.	DATE	REVISION
1	06.07.2023	REVISED PER 1ST CZP COMMENTS
2		
3		
4		
5		
6		

**PLAN INFORMATION**

PROJECT NO.	RAV-21002
FILENAME	RAV21002-OAG1
CHECKED BY	SJC
DRAWN BY	WHM
SCALE	1" = 80'
DATE	03.23.2023

**SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES**

**ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS**

**PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION**

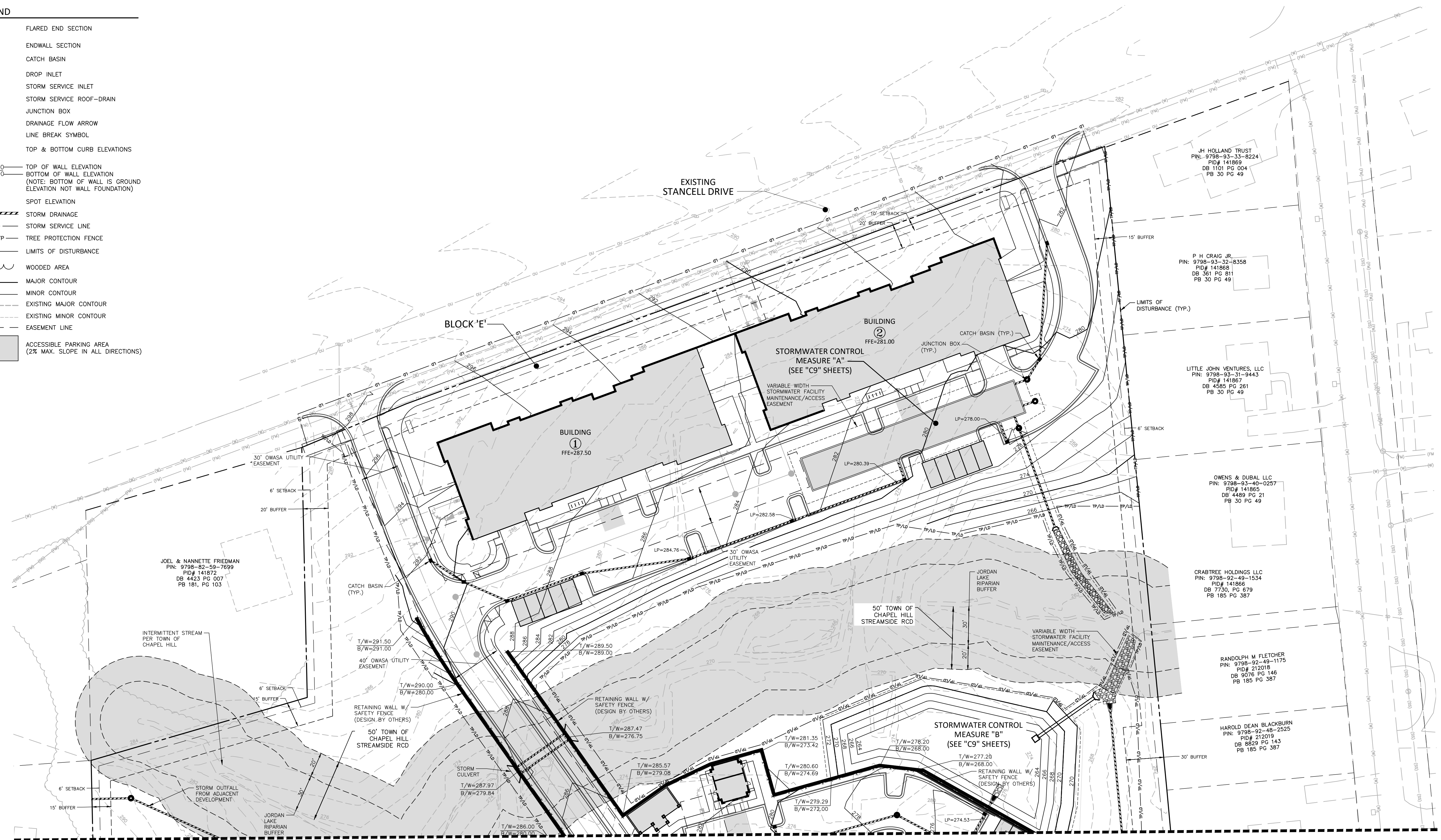
**OVERALL GRADING AND STORM DRAINAGE PLAN**

**C3.00**



**GRADING LEGEND**

	FLARED END SECTION
	ENDWALL SECTION
	CATCH BASIN
	DROP INLET
	STORM SERVICE INLET
	STORM SERVICE ROOF-DRAIN
	JUNCTION BOX
	DRAINAGE FLOW ARROW
	LINE BREAK SYMBOL
	TOP & BOTTOM CURB ELEVATIONS
	TOP OF WALL ELEVATION
	BOTTOM OF WALL ELEVATION (NOTE: BOTTOM OF WALL IS GROUND ELEVATION NOT WALL FOUNDATION)
	SPOT ELEVATION
	STORM DRAINAGE
	STORM SERVICE LINE
	TREE PROTECTION FENCE
	LIMITS OF DISTURBANCE
	WOODED AREA
	MAJOR CONTOUR
	MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EASEMENT LINE
	ACCESSIBLE PARKING AREA (2% MAX. SLOPE IN ALL DIRECTIONS)



SEE SHEET C3.02

**McADAMS**  
The John R. McAdams Company, Inc.  
2905 Meridian Parkway  
Durham, NC 27713

phone 919. 361. 5000  
fax 919. 361. 2269  
license number: C-0293, C-187

www.mcadamsco.com

**CLIENT**

NORTHWOOD RAVIN  
3015 CARRINGTON MILL BLVD, STE 460  
MORRISVILLE, NORTH CAROLINA 27560  
Adam Golden  
PHONE: 919. 354. 3680



**HILLMONT**  
**CONDITIONAL ZONING PERMIT**  
**STANCELL DRIVE**  
CHAPEL HILL, NORTH CAROLINA 27517



**REVISIONS**

NO.	DATE	REVISION
1	06.07.2023	REVISED PER 1ST CZP COMMENTS
2		
3		
4		
5		
6		

**PLAN INFORMATION**

PROJECT NO.	RAV-21002
FILENAME	RAV21002-G1
CHECKED BY	SJC
DRAWN BY	WHM
SCALE	1" = 40'
DATE	03.23.2023

**SHHEET**

**GRADING AND STORM DRAINAGE PLAN**

**C3.01**

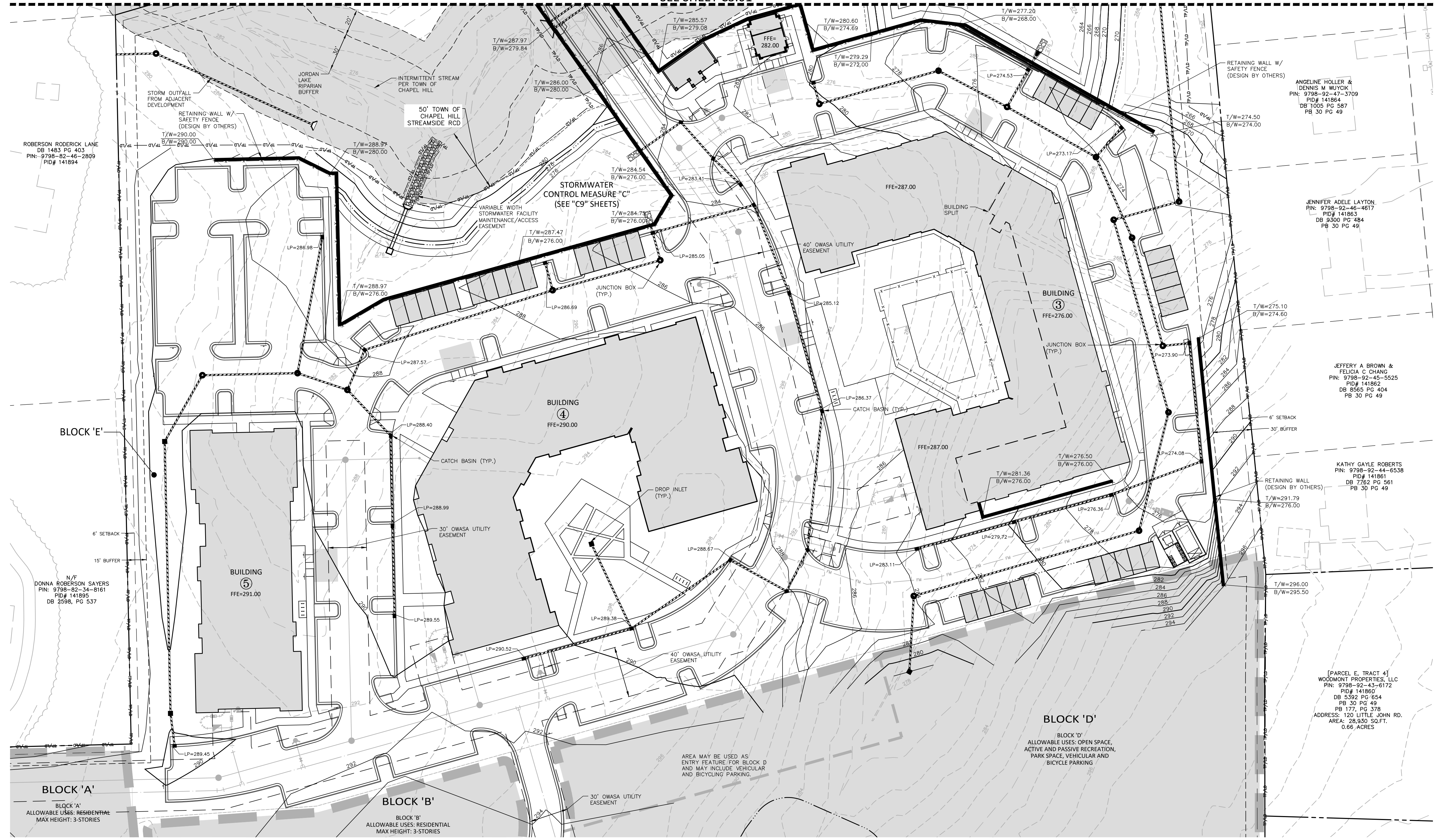
SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS

M:\Projects\RAV\RAV21002\04-Production\Engineering\Construction Drawings\3-Conditional Zoning Permit\RAV21002-G1.dwg, 6/8/2023 3:40:21 PM, WHM/McAdams

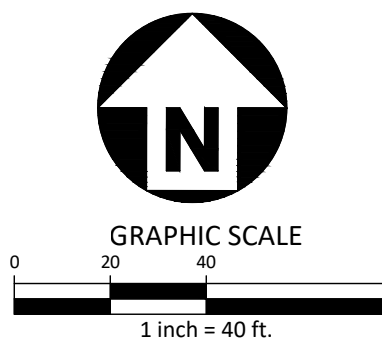
PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION





**GRADING LEGEND**

	FLARED END SECTION		STORM DRAINAGE
	ENDWALL SECTION		STORM SERVICE LINE
	CATCH BASIN		TREE PROTECTION FENCE
	DROP INLET		LIMITS OF DISTURBANCE
	STORM SERVICE INLET		WOODED AREA
	STORM SERVICE ROOF-RAIN		MAJOR CONTOUR
	JUNCTION BOX		MINOR CONTOUR
	DRAINAGE FLOW ARROW		EXISTING MAJOR CONTOUR
	LINE BREAK SYMBOL		EXISTING MINOR CONTOUR
	TOP & BOTTOM CURB ELEVATIONS		EASEMENT LINE
	TOP OF WALL ELEVATION		ACCESSIBLE PARKING AREA (2% MAX. SLOPE IN ALL DIRECTIONS)
	BOTTOM OF WALL ELEVATION (NOTE: BOTTOM OF WALL IS GROUND ELEVATION NOT WALL FOUNDATION)		
	SPOT ELEVATION		



SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS

**McADAMS**  
The John R. McAdams Company, Inc.  
2905 Meridian Parkway  
Durham, NC 27713

phone 919. 361. 5000  
fax 919. 361. 2269  
license number: C-0293, C-187

www.mcadamsco.com

**CLIENT**

**NORTHWOOD RAVIN**  
3015 CARRINGTON MILL BLVD, STE 460  
MORRISVILLE, NORTH CAROLINA 27560  
Adam Golden  
PHONE: 919. 354. 3680

**HILLMONT**  
**CONDITIONAL ZONING PERMIT**  
**STANCELL DRIVE**  
CHAPEL HILL, NORTH CAROLINA 27517



**REVISIONS**

NO.	DATE	REVISION
1	06.07.2023	REVISED PER 1ST CZP COMMENTS
2		
3		
4		
5		
6		

**PLAN INFORMATION**

PROJECT NO.	RAV-21002
FILENAME	RAV21002-G1
CHECKED BY	SJC
DRAWN BY	WHM
SCALE	1" = 40'
DATE	03.23.2023

**SHEET**

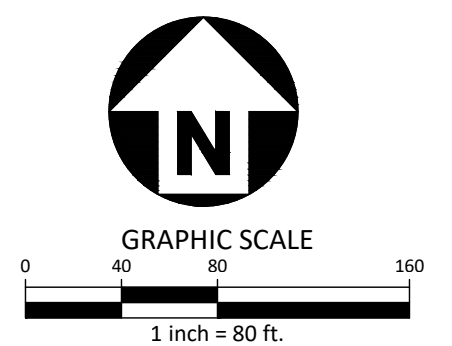
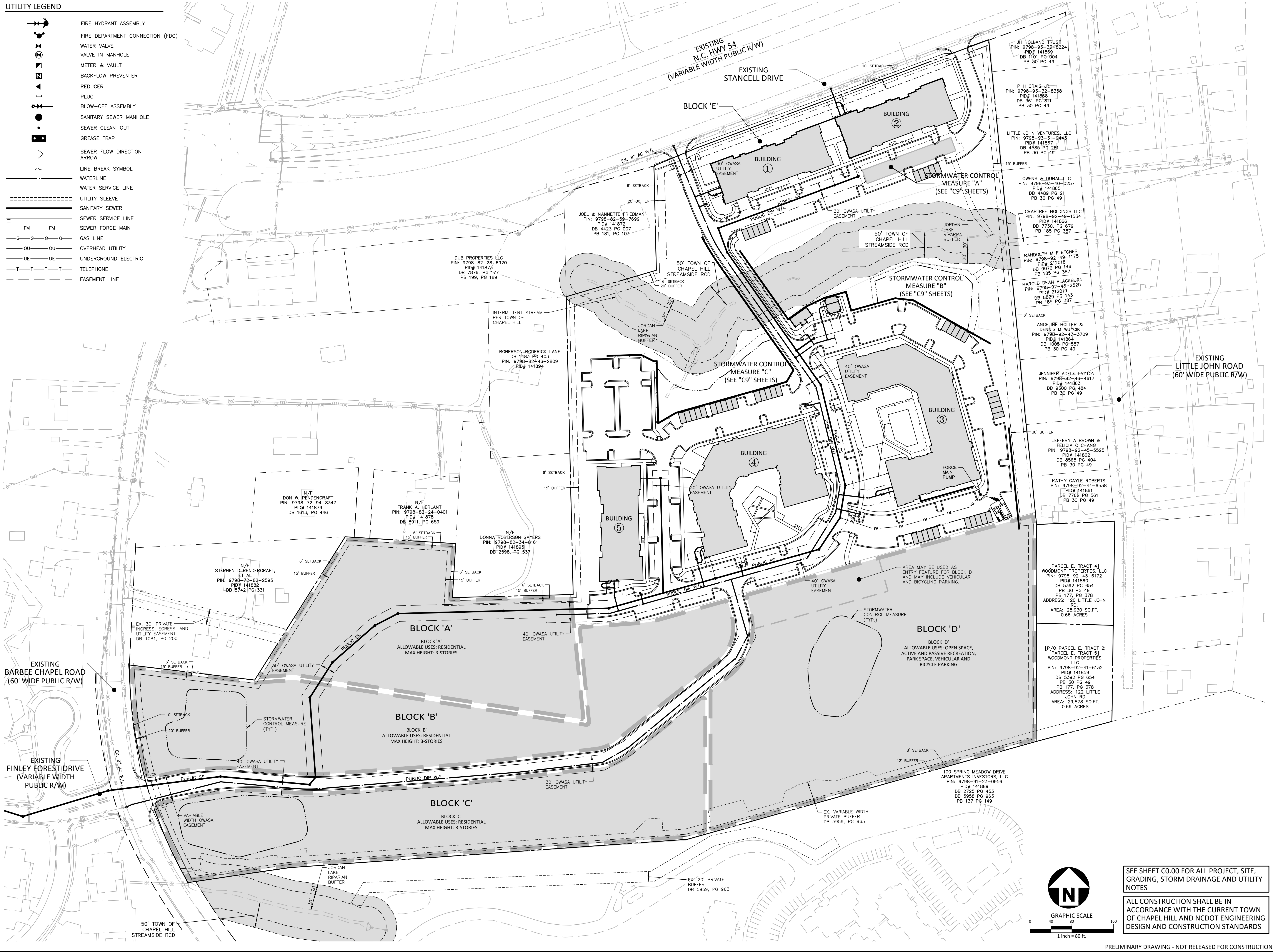
**GRADING AND STORM DRAINAGE PLAN**  
**C3.02**

M:\Projects\RAV\RAV21002\04-Production\Engineering\Construction Drawings\Conditional Zoning Permit\RAV21002-G1.dwg, 6/8/2023 3:40:43 PM, WNT\McAdams



**UTILITY LEGEND**

	FIRE HYDRANT ASSEMBLY
	FIRE DEPARTMENT CONNECTION (FDC)
	WATER VALVE
	VALVE IN MANHOLE
	METER & VAULT
	BACKFLOW PREVENTER
	REDUCER
	PLUG
	BLOW-OFF ASSEMBLY
	SANITARY SEWER MANHOLE
	SEWER CLEAN-OUT
	GREASE TRAP
	SEWER FLOW DIRECTION ARROW
	LINE BREAK SYMBOL
	WATERLINE
	WATER SERVICE LINE
	UTILITY SLEEVE
	SANITARY SEWER
	SEWER SERVICE LINE
	SEWER FORCE MAIN
	GAS LINE
	OVERHEAD UTILITY
	UNDERGROUND ELECTRIC
	TELEPHONE
	EASEMENT LINE



SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS

**McADAMS**  
The John R. McAdams Company, Inc.  
2905 Meridian Parkway  
Durham, NC 27713

phone 919. 361. 5000  
fax 919. 361. 2269  
license number: C-0293, C-187

www.mcadamsco.com

**CLIENT**

**NORTHWOOD RAVIN**  
3015 CARRINGTON MILL BLVD, STE 460  
MORRISVILLE, NORTH CAROLINA 27560  
Adam Golden  
PHONE: 919. 354. 3680

**NORTHWOOD RAVIN**

**HILLMONT**  
**CONDITIONAL ZONING PERMIT**  
**STANCELL DRIVE**  
CHAPEL HILL, NORTH CAROLINA 27517



**REVISIONS**

NO.	DATE	REVISION
1	06.07.2023	REVISED PER 1ST CZP COMMENTS
2		
3		
4		
5		
6		

**PLAN INFORMATION**










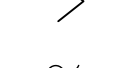
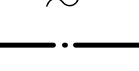
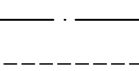
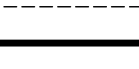
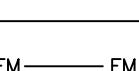
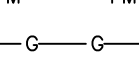
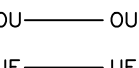
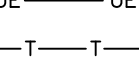
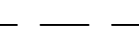







PROJECT NO.	RAV-21002
FILENAME	RAV21002-OAU1
CHECKED BY	SJC
DRAWN BY	WHM/LIL
SCALE	1" = 80'
DATE	03.23.2023

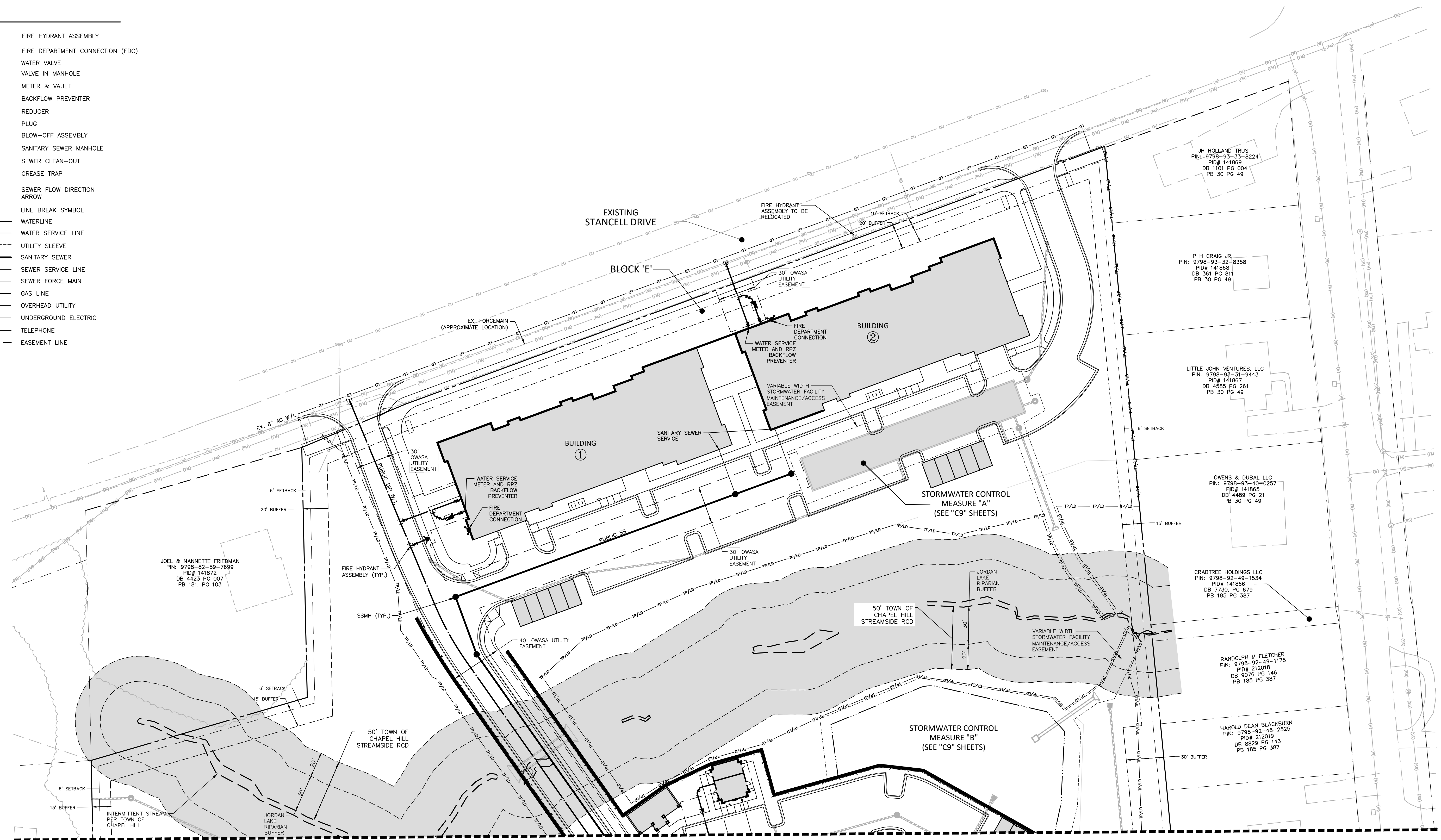
**OVERALL UTILITY PLAN**

**C4.00**



UTILITY LEGEND

-  FIRE HYDRANT ASSEMBLY
-  FIRE DEPARTMENT CONNECTION (FDC)
-  WATER VALVE
-  VALVE IN MANHOLE
-  METER & VAULT
-  BACKFLOW PREVENTER
-  REDUCER
-  PLUG
-  BLOW-OFF ASSEMBLY
-  SANITARY SEWER MANHOLE
-  SEWER CLEAN-OUT
-  GREASE TRAP
-  SEWER FLOW DIRECTION ARROW
-  LINE BREAK SYMBOL
-  WATERLINE
-  WATER SERVICE LINE
-  UTILITY SLEEVE
-  SANITARY SEWER
-  SEWER SERVICE LINE
-  SEWER FORCE MAIN
-  GAS LINE
-  OVERHEAD UTILITY
-  UNDERGROUND ELECTRIC
-  TELEPHONE
-  EASEMENT LINE



SEE SHEET C4.02



**McADAMS**  
 The John R. McAdams Company, Inc.  
 2905 Meridian Parkway  
 Durham, NC 27713  
 phone 919. 361. 5000  
 fax 919. 361. 2269  
 license number: C-0293, C-187  
 www.mcadamsco.com

**CLIENT**  
 NORTHWOOD RAVIN  
 3015 CARRINGTON MILL BLVD, STE 460  
 MORRISVILLE, NORTH CAROLINA 27560  
 Adam Golden  
 PHONE: 919. 354. 3680



**HILLMONT**  
**CONDITIONAL ZONING PERMIT**  
**STANCELL DRIVE**  
 CHAPEL HILL, NORTH CAROLINA 27517



**REVISIONS**

NO.	DATE	REVISION
1	06.07.2023	REVISED PER 1ST CZP COMMENTS
2		
3		
4		
5		
6		

**PLAN INFORMATION**

PROJECT NO.	RAV-21002
FILENAME	RAV21002-U1
CHECKED BY	SJC
DRAWN BY	WHM/LIL
SCALE	1" = 40'
DATE	03.23.2023

**SHEET**  
**UTILITY PLAN**  
**C4.01**

SEE SHEET C0.00 FOR ALL PROJECT, SITE, GRADING, STORM DRAINAGE AND UTILITY NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF CHAPEL HILL AND NCDOT ENGINEERING DESIGN AND CONSTRUCTION STANDARDS

GRAPHIC SCALE  
 1 inch = 40 ft.

M:\Projects\RAV\RAV21002\04-Production\Engineering\Construction Drawings\C-Conditional Zoning Permit\RAV21002-U1.dwg, 6/8/2023 1:41:34 PM, WHT/MC/Johnson