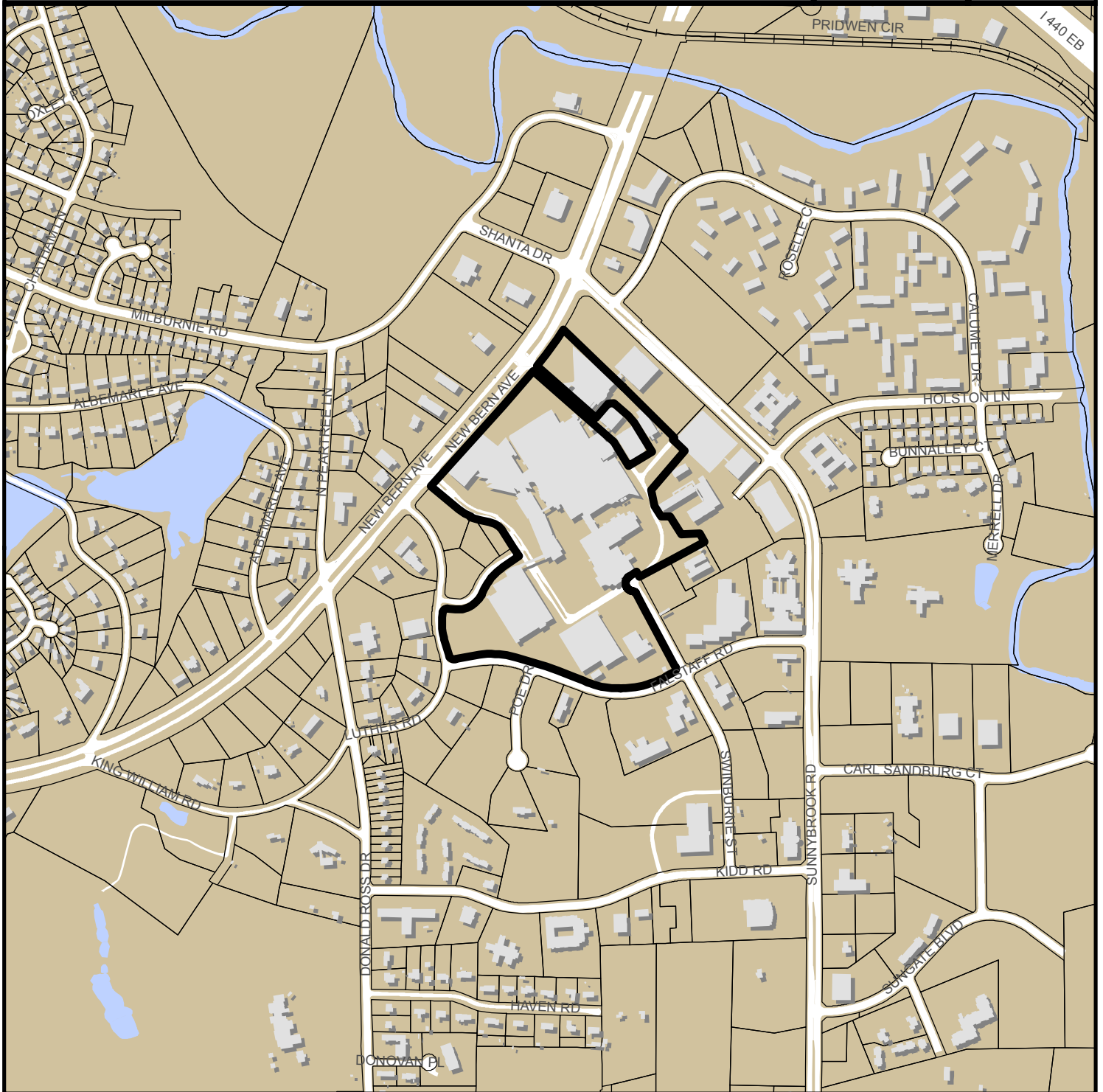


WAKE MED ADMINISTRATION SR-18-2018



0 300 600 1,200 1,800 Feet

Zoning: **CX-7-PL**
CAC: **East Raleigh**
Drainage Basin: **Crabtree Basin**
Acreage: **38.98**
Sq. Ft.: **124,000**

Planner: **Daniel Stegall**
Phone: **(919) 996-2712**

Applicant: **Wake Med Hospital**



Administrative Site Review Application (for UDO Districts only)



**DEVELOPMENT
SERVICES
DEPARTMENT**

SR-18-18

Development Services Customer Service Center | 1 Exchange Plaza, Suite 400 | Raleigh, NC 27601 | 919-996-2495 | efax 919-996-1831
Litchford Satellite Office | 8320 - 130 Litchford Road | Raleigh, NC 27601 | 919-996-4200

When submitting plans, please check the appropriate building type and include the Plan Checklist document.

BUILDING TYPE		FOR OFFICE USE ONLY
<input checked="" type="checkbox"/> Detached <input type="checkbox"/> Attached <input type="checkbox"/> Apartment <input type="checkbox"/> Townhouse	<input checked="" type="checkbox"/> General <input type="checkbox"/> Mixed Use <input type="checkbox"/> Open Lot	Transaction Number 546213 Assigned Project Coordinator Assigned Team Leader <i>Otegal</i>
Has your project previously been through the Due Diligence or Sketch Plan Review process? If yes, provide the transaction #		
GENERAL INFORMATION		
Development Name Wake Med Administration Facilities		
Zoning District OX-7-PL	Overlay District (if applicable)	Inside City Limits? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Proposed Use Hospital Administration Building		
Property Address(es) 3000 New Bern Ave.		Major Street Locator: Corner of Falstaff and Luther Rd.
Wake County Property Identification Number(s) for each parcel to which these guidelines will apply:		
P.I.N. 1724202593	P.I.N.	P.I.N.
What is your project type? <input type="checkbox"/> Apartment <input type="checkbox"/> Elderly Facilities <input type="checkbox"/> Hospitals <input type="checkbox"/> Hotels/Motels <input checked="" type="checkbox"/> Office <input type="checkbox"/> Mixed Residential <input type="checkbox"/> Non-Residential Condo <input type="checkbox"/> School <input type="checkbox"/> Shopping Center <input type="checkbox"/> Banks <input type="checkbox"/> Industrial Building <input type="checkbox"/> Duplex <input type="checkbox"/> Telecommunication Tower <input type="checkbox"/> Religious Institutions <input type="checkbox"/> Residential Condo <input type="checkbox"/> Retail <input type="checkbox"/> Cottage Court <input type="checkbox"/> Other: If other, please describe: _____		
WORK SCOPE	Per City Code Section 10.2.8.D.1, summarize the project work scope. For additions, changes of use, or occupancy (per Chapter 6 of the UDO), indicate impacts on parking requirements. The project proposes to build a 124,000 SF administration building for Wake Med Hospitals. The project will include sanitary sewer, domestic water and fire line improvements as well as updated landscaping and a new 69-space parking lot. Though the number of spaces in the proposed parking lot will fall short of the required 310 spaces, a parking study has been undertaken to determine whether existing parking on the Wake Med campus is adequate for the required number of spaces.	
DESIGN ADJUSTMENT OR ADMIN ALTERNATE	Per City Code Chapter 8, summarize if your project requires either a design adjustment, or Section 10 - Alternate Administrative AE An administrative alternate will be required for using the amenity space near Falstaff Rd. to meet build-to requirements.	
CLIENT/DEVELOPER/OWNER	Company Wake Med Hospitals	Name (s) Thomas Cavender
	Address 3000 New Bern Ave., Raleigh, NC, 27601	
	Phone 919.350.8098	Email tcavender@wakemed.org Fax
CONSULTANT (Contact Person for Plans)	Company Stewart	Name (s) Joe Puckett
	Address 421 Fayetteville St., Suite 400, Raleigh, NC 27601	
	Phone 919.866.4829	Email jpuckett@stewartinc.com Fax

DEVELOPMENT TYPE & SITE DATA TABLE (Applicable to all developments)

Zoning Information	Building Information
Zoning District(s) OX-7-PL	Proposed building use(s) Office
If more than one district, provide the acreage of each:	Existing Building(s) sq. ft. gross N/A
Overlay District	Proposed Building(s) sq. ft. gross 124,000
Total Site Acres Inside City Limits <input type="checkbox"/> Yes <input type="checkbox"/> No 38.98	Total sq. ft. gross (existing & proposed)
Off street parking: Required 310 Provided 59	Proposed height of building(s) 75 ft
COA (Certificate of Appropriateness) case #	# of stories 3
BOA (Board of Adjustment) case # A-	Ceiling height of 1 st Floor 19 ft
CUD (Conditional Use District) case # Z-	

Stormwater Information

Existing Impervious Surface 77,966 acres/square feet	Flood Hazard Area <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed Impervious Surface 65,657 acres/square feet	If Yes, please provide: Alluvial Soils Flood Study FEMA Map Panel #
Neuse River Buffer <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Wetlands <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

FOR RESIDENTIAL DEVELOPMENTS

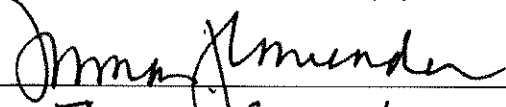
1. Total # Of Apartment, Condominium or Residential Units	5. Bedroom Units: 1br 2br 3br 4br or more
2. Total # Of Congregate Care Or Life Care Dwelling Units	6. Infill Development 2.2.7
3. Total Number of Hotel Units	7. Open Space (only) or Amenity
4. Overall Total # Of Dwelling Units (1-6 Above)	8. Is your project a cottage court? <input type="checkbox"/> Yes <input type="checkbox"/> No

SIGNATURE BLOCK (Applicable to all developments)

In filing this plan as the property owner(s), I/we do hereby agree and firmly bind ourselves, my/our heirs, executors, administrators, successors and assigns jointly and severally to construct all improvements and make all dedications as shown on this proposed development plan as approved by the City.

I hereby designate _____ to serve as my agent regarding this application, to receive and respond to administrative comments, to resubmit plans on my behalf and to represent me in any public meeting regarding this application.

I/we have read, acknowledge and affirm that this project is conforming to all application requirements applicable with the proposed development use.

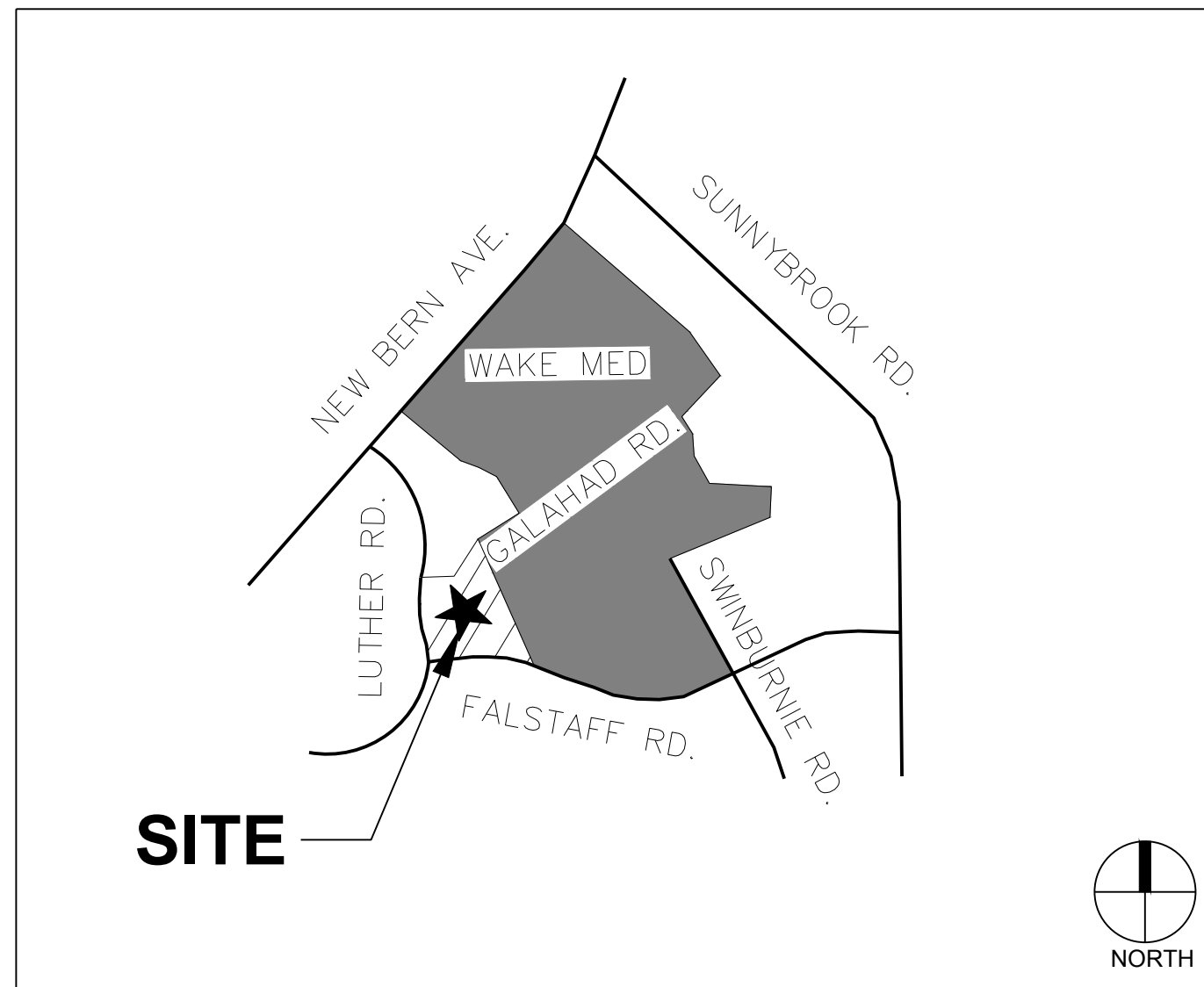
Signed  Date 2/14/18

Printed Name Thomas Cavender

Signed _____ Date _____

Printed Name _____

TO BE COMPLETED BY APPLICANT			TO BE COMPLETED BY CITY STAFF		
General Requirements	YES	N/A	YES	NO	N/A
1. Filing Fee for Plan Review – Payments may be made by cash, Visa, Master Card or check made payable to the City of Raleigh	<input type="checkbox"/>				
2. Administrative Site Review Application completed and signed by the property owner(s)	<input checked="" type="checkbox"/>		✓		
3. Client must complete and adhere page 1 and 2 of the Administrative Site Review Application to the plan cover sheet	<input checked="" type="checkbox"/>		✓		
4. I have referenced the Administrative Site Review Checklist and by using this as a guide, it will ensure that I receive a complete and thorough first review by the City of Raleigh	<input checked="" type="checkbox"/>		✓		
5. Provide the following plan sheets:	<input checked="" type="checkbox"/>				
a) Cover sheet: includes general notes, owner's name, contact's name, telephone number, mailing address and email address	<input checked="" type="checkbox"/>		✓		
b) Existing Conditions Sheet, including, but not limited to, structures, buildings, utilities, infrastructure, and vegetation	<input checked="" type="checkbox"/>		✓		
c) Proposed Site Plan	<input checked="" type="checkbox"/>		✓		
d) Proposed Grading Plan	<input checked="" type="checkbox"/>		✓		
e) Proposed Stormwater Plan, including preliminary stormwater quantity and quality summary and calculations package. If not required, provide City Code section on front cover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	✓		
f) Proposed Utility Plan, including Fire	<input checked="" type="checkbox"/>	<input type="checkbox"/>	✓		
g) Proposed Tree Conservation Plan – For secondary Tree Conservation Areas, include two copies of the tree cover report completed by a certified arborist, North Carolina licensed landscape architect, or North Carolina register forester. If not required, provide City Code section on front cover.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	✓		
h) Proposed Landscape Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	✓		
i) Building elevations that show existing and/or proposed building height. If demolition, do not include buildings to be demolished.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	✓		
j) Transportation Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/>			✓
6. Ten (10) sets of proposed plans to engineering scale (1" = 20', 1" = 100', etc.), and date of preparation. <u>For re-submittals – include all revision dates</u>	<input checked="" type="checkbox"/>		✓		
7. Minimum plan size 18"x24" not to exceed 36"x42"	<input checked="" type="checkbox"/>		✓		
8. A vicinity map no smaller/less than 1"=500' and no larger than 1"=1000' to the inch, showing the position of the plan with its relation to surrounding streets and properties, and oriented in the same direction as the preliminary plan	<input checked="" type="checkbox"/>		✓		
9. Include sheet index and legend defining all symbols with true north arrow, with north being at the top of the map	<input checked="" type="checkbox"/>		✓		
10. Digital copy of only the plan and elevations. Label the CD or flash drive with the plan name, case file number, and indicate the review cycle #.	<input checked="" type="checkbox"/>		✓		
11. Wake County School Form, if dwelling units are proposed	<input type="checkbox"/>	<input checked="" type="checkbox"/>			✓
12. If applicable, zoning conditions adhered to the plan cover sheet	<input type="checkbox"/>	<input checked="" type="checkbox"/>			✓



VICINITY MAP
SCALE: 1" = 500'

WAKE MED ADMINISTRATION FACILITIES

3000 NEW BERN AVE.
RALEIGH, NC 27610

CITY OF RALEIGH SITE PLAN SUBMITTAL

SUBMITTED ON FEBRUARY 20, 2018

SITE DATA	
PROJECT NAME:	WAKE MED
SITE ADDRESS:	3000 NEW BERN AVE
COUNTY:	WAKE
PARCEL PIN #:	1724202593
PARCEL OWNER:	WAKE MED
PARCEL AREA:	38.98 AC
TOTAL DISTURBED/ PROJECT AREA:	2.50 AC
CURRENT ZONING:	OFFICE MIXED USE (OX-7-PL)
EXISTING LAND USE:	HOSPITAL
PROPOSED USE:	HOSPITAL
RIVER BASIN:	CRAB TREE
CONSTRUCTION TYPE:	NEW CONSTRUCTION
MAX BUILDING HEIGHT:	90 FT
PROPOSED BUILDING HEIGHT:	75 FT
EXISTING IMPERVIOUS AREA:	77,966 SF
PROPOSED IMPERVIOUS AREA:	65,657 SF

OVERALL PARKING SUMMARY			
PROVIDED PARKING	REQUIRED	PROVIDED	
REGULAR 9'X18' SPACES	310	56	
REGULAR ACCESSIBLE SPACES	13	3	
TOTAL VEHICULAR PARKING SPACES	323	60	
SHORT-TERM BIKE PARKING	12	12	
LONG-TERM BIKE PARKING	25	25*	
PARKING RATIO: 1 SPACE PER 400 S.F. OF GROSS FLOOR AREA (124,000 SF/400=310 SPACES)			
BICYCLE PARKING: 1 SPACE PER 10,000 SF OF GROSS FLOOR AREA			
LONG-TERM BICYCLE PARKING: 1 SPACE PER 5,000 SF OF GROSS FLOOR AREA (124,000 SF/10,000) + (124,000 SF/5,000) = 38 SPACES			
*LONG-TERM BIKE PARKING LOCATED INSIDE OF BUILDING			

IMPERVIOUS SURFACE DATA	
TOTAL AREA OF DISTURBANCE:	118,074 SF
TOTAL EXISTING IMPERVIOUS AREA:	77,966 SF
TOTAL PROPOSED IMPERVIOUS AREA:	65,657 SF

UTILITIES IMPROVEMENTS QTY	
PRIVATE SEWER	
8" PVC SEWER SERVICE	770 LF
PRIVATE WATER	
2" COPPER WATERLINE	46 LF
6" DIP WATERLINE	43 LF

SHEET INDEX	
SHEET #	SHEET NAME
C0.00	COVER
C1.00	EXISTING CONDITIONS
C1.10	TREE CONSERVATION PLAN
C2.00	DEMOLITION PLAN
C3.00	SITE PLAN
C3.01	AMENITY SPACE PLAN
C5.00	GRADING AND DRAINAGE PLAN
C6.00	UTILITY PLAN
C9.00	SITE DETAILS
C9.01	SITE DETAILS
C9.02	SITE DETAILS
C9.20	GRADNG AND STORMWATER DETAILS
C9.30	UTILITY DETAILS
C9.31	UTILITY DETAILS
L1.00	PLANTING PLAN
L2.00	PLANTING DETAILS
A2.03	BUILDING ELEVATIONS
A2.04	BUILDING ELEVATIONS

APPLICANT/OWNER CIVIL ENGINEERING - LANDSCAPE ARCHITECTURE ARCHITECTS



WAKE MED HEALTH & HOSPITALS
3000 NEW BERN AVE.
RALEIGH, NC 27601
CONTACT: TOM CAVENDER
919.350.8098 (T)



STEWART INC. - CIVIL
CONTACT: JOE PUCKETT, PE
ASSOCIATE MANAGER OF CIVIL ENGINEERING
919.866.4829 (T)
919.380.8752 (F)
JPUCKETT@STEWARTINC.COM

421 FAYETTEVILLE ST., SUITE 400 FIRM LICENSE # C-1051
RALEIGH, NC 27601 www.stewartinc.com
T 919.380.8750 PROJECT # C17117

STEWART INC. - LANDSCAPE ARCHITECTURE
CONTACT: JENNIFER WAGNER, PLA
LANDSCAPE ARCHITECT
919.866.4739 (T)
919.380.8752 (F)
JWAGNER@STEWARTINC.COM



GENSLER
530 HILLSBOROUGH STREET
RALEIGH, NC 27603
CONTACT: BRAD BURNS
919.327.1868 (T)
919.239.7829 (F)
BRAD_BURNS@GENSLER.COM

APPLICATION

Administrative Site Review Application (for UDO Districts only)



Development Services Customer Service Center | Exchange Plaza, Suite 400 | Raleigh, NC 27601 | 919-996-2495 | ext. 919-996-1831
Litchford Satellite Office | 8320 - 130 Litchford Road | Raleigh, NC 27601 | 919-996-4290

When submitting plans, please check the appropriate building type and include the Plan Checklist document.

BUILDING TYPE		FOR OFFICE USE ONLY
<input checked="" type="checkbox"/> Detached	<input checked="" type="checkbox"/> General	Transaction Number
<input type="checkbox"/> Attached	<input type="checkbox"/> Mixed Use	Assigned Project Coordinator
<input type="checkbox"/> Apartment	<input type="checkbox"/> Open Lot	Assigned Team Leader
<input type="checkbox"/> Townhouse		

Has your project previously been through the Due Diligence or Sketch Plan Review process? If yes, provide the transaction #

GENERAL INFORMATION

Development Name: **Wake Med Administration Facilities**

Zoning District: **OX-7-PL** Overlay District (if applicable) Inside City Limits? Yes No

Proposed Use: **Hospital Administration Building**

Property Address(es): **3000 New Bern Ave.** Major Street Locator: **Corner of Falstaff and Luther Rd.**

Wake County Property Identification Number(s) for each parcel to which these guidelines will apply:

P.I.N. **1724202593** P.I.N. P.I.N. P.I.N.

<input type="checkbox"/> Mixed Residential	<input type="checkbox"/> Non-Residential Condo	<input type="checkbox"/> Elderly Facilities	<input type="checkbox"/> Hospitals	<input type="checkbox"/> Hotels/Motels	<input checked="" type="checkbox"/> Office
<input type="checkbox"/> Duplex	<input type="checkbox"/> Telecommunication Tower	<input type="checkbox"/> Religious Institutions	<input type="checkbox"/> Shopping Center	<input type="checkbox"/> Banks	<input type="checkbox"/> Industrial Building
<input type="checkbox"/> Other: if other, please describe:					

Per City Code Section 10.2.8.D.1, summarize the project work scope. For additions, changes of use, or occupancy (per Chapter 6 of the UDO), indicate impacts on parking requirements.

Per City Code Chapter 8, summarize if your project requires either a design adjustment, or Section 10 - Alternate Administrative AE.

An administrative alternate will be required for using the amenity space near Falstaff Rd. to meet build-to requirements.

CLIENT/DEVELOPER/OWNER

Company: **Wake Med Hospitals** Name (i): **Thomas Cavender**

Address: **3000 New Bern Ave., Raleigh, NC, 27601**

Phone: **919.350.8098** Email: **tcavender@wakemed.org** Fax:

CONSULTANT (Contact Person for Plans)

Company: **Stewart** Name (i): **Joe Puckett**

Address: **421 Fayetteville St., Suite 400, Raleigh, NC 27601**

Phone: **919.866.4829** Email: **jpuckett@stewartinc.com** Fax:

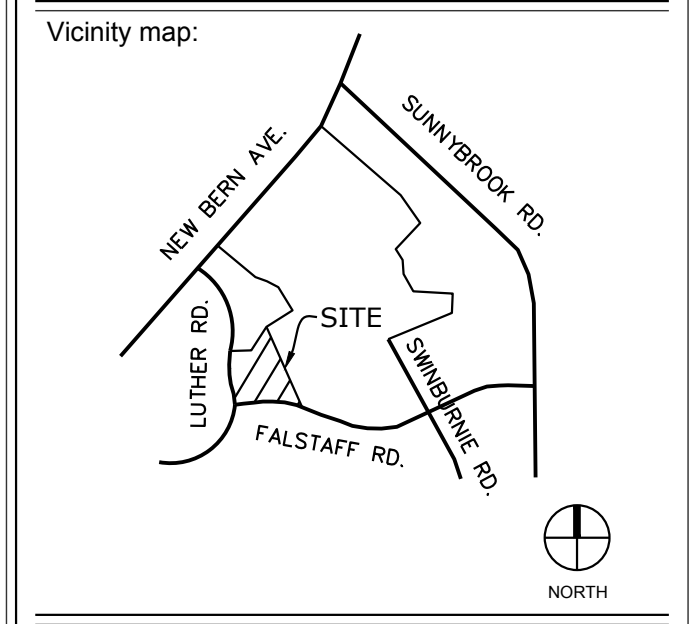
PAGE 1 OF 3 WWW.RALEIGHNC.GOV REVISION 05.13.16

DEVELOPMENT TYPE & SITE DATA TABLE (Applicable to all developments)	
Zoning Information	Building Information
Zoning District(s) OX-7-PL	Proposed building use(s) Office
If more than one district, provide the acreage of each:	Existing Building(s) sq. ft. gross N/A
Overlay District	Proposed Building(s) sq. ft. gross 124,000
Total Site Acres	Inside City Limits <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 38.98
Off street parking: Required 310	Proposed height of building(s) 75 ft
Provided 59	# of stories 3
CDA (Certificate of Appropriateness) case #	Ceiling height of 1 st floor 19 ft
BOA (Board of Adjustment) case # A-	
CUD (Conditional Use District) case # Z-	
Stormwater Information	
Existing Impervious Surface 77,966 acres/square feet	Flood Hazard Area <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed Impervious Surface 65,657 acres/square feet	If Yes, please provide: Alluvial Soils FEMA Map Panel # Flood Study
Neuse River Buffer <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Wetlands <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
FOR RESIDENTIAL DEVELOPMENTS	
1. Total # Of Apartment, Condominium or Residential Units	5. Bedroom Units: 1br 2br 3br 4br or more
2. Total # Of Congregate Care Or Life Care Dwelling Units	6. Infill Development 2.2.7
3. Total Number of Hotel Units	7. Open Space (only) or Amenity
4. Overall Total # Of Dwelling Units (1-6 Above)	8. Is your project a cottage court? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
SIGNATURE BLOCK (Applicable to all developments)	
In filing this plan as the property owner(s), I/we do hereby agree and firmly bind ourselves, my/our heirs, executors, administrators, successors and assigns jointly and severally to construct all improvements and make all dedications as shown on this proposed development plan as approved by the City.	
I hereby designate _____ to serve as my agent regarding this application, to receive and respond to administrative comments, to resubmit plans on my behalf and to represent me in any public meeting regarding this application.	
If we have read, acknowledge and affirm that this project is conforming to all application requirements applicable with the proposed development use.	
Signed: <i>Thomas Cavender</i>	Date: 2/14/18
Printed Name: Thomas Cavender	
Signed: _____	Date: _____
Printed Name: _____	

PAGE 2 OF 3 WWW.RALEIGHNC.GOV REVISION 05.13.16

Client:
WAKE MED
 3000 NEW BERN AVE
 CARY, NC 27513
 T. 350.8098

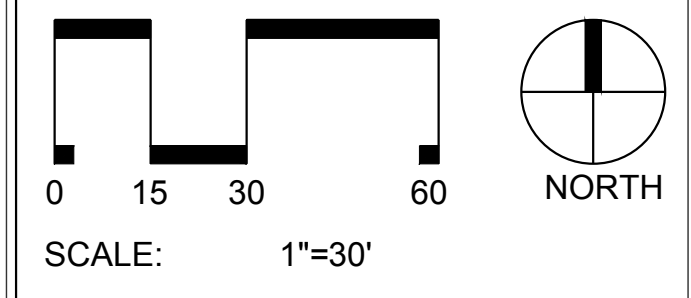
Project:
WAKE MED ADMINISTRATION FACILITIES



Seal:
 PRELIMINARY - DO NOT USE FOR CONSTRUCTION

Issued for:
SITE PLAN

No.	Date	Description
1	2/23/2018	Issued for ASR



Title:
EXISTING CONDITIONS

Project number: C17117 Sheet:
 Date: 02.20.2018
 Drawn by: TPG
 Approved by: JLW **C1.00**

SURVEY LEGEND:

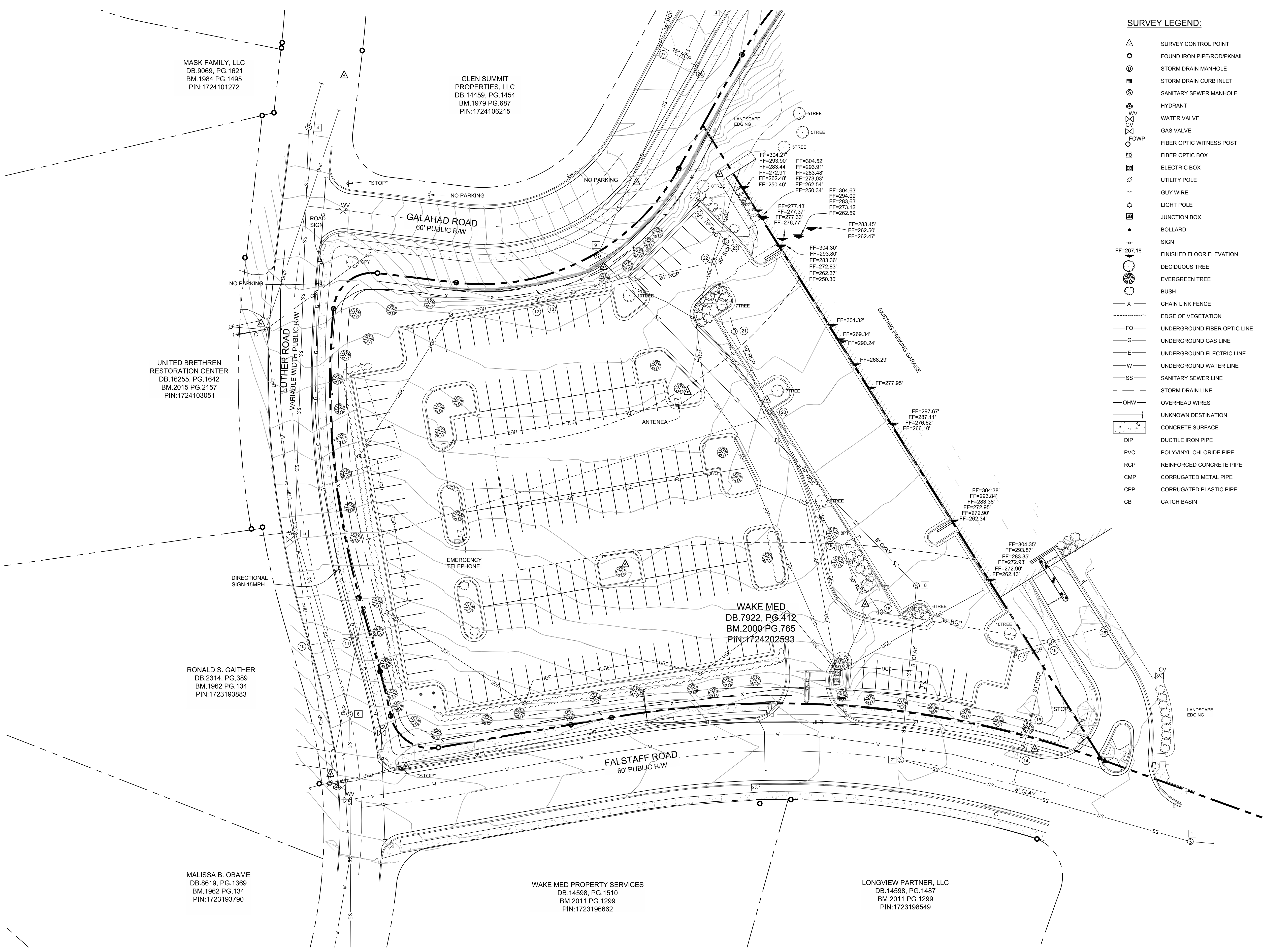
- SURVEY CONTROL POINT
- FOUND IRON PIPE/ROD/PK NAIL
- STORM DRAIN MANHOLE
- STORM DRAIN CURB INLET
- SANITARY SEWER MANHOLE
- HYDRANT
- WATER VALVE
- GAS VALVE
- FIBER OPTIC WITNESS POST
- FIBER OPTIC BOX
- ELECTRIC BOX
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- JUNCTION BOX
- BOLLARD
- SIGN
- FINISHED FLOOR ELEVATION
- DECIDUOUS TREE
- EVERGREEN TREE
- BUSH
- CHAIN LINK FENCE
- EDGE OF VEGETATION
- UNDERGROUND FIBER OPTIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND WATER LINE
- SANITARY SEWER LINE
- STORM DRAIN LINE
- OVERHEAD WIRES
- UNKNOWN DESTINATION
- CONCRETE SURFACE
- DIP
- PVC
- RCP
- CMP
- CPP
- CB

SANITARY SEWER TABLE

1	MANHOLE RIM=284.31' SW INV=256.16' NE INV=256.26' S INV=256.96'
2	MANHOLE RIM=262.48' N INV=254.33' SE INV=254.98'
3	MANHOLE RIM=228.94' W INV=224.06' NE INV=225.59' E INV=261.71'
4	MANHOLE RIM=245.05' S INV=238.60' NE INV=238.27'
5	MANHOLE RIM=257.80' W INV=248.85' SE INV=248.50' N INV=248.42'
6	MANHOLE RIM=264.84' S INV=257.53' NW INV=257.23'
7	MANHOLE RIM=274.49' N INV=268.78'
8	MANHOLE RIM=258.22' NW INV=240.93' S INV=240.96'
9	MANHOLE RIM=236.10' SE INV=230.10' NE INV=228.10'

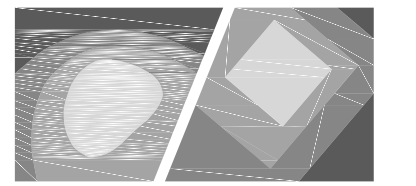
STORM DRAINAGE TABLE

10	CATCH BASIN TOC=262.15' INV OUT=258.62'
11	CATCH BASIN TOC=261.80' INV IN=258.40' INV OUT=258.25'
12	CATCH BASIN TOC=250.43' INV OUT=246.49'
13	CATCH BASIN TOC=250.50' SE INV IN=245.92' SW INV IN=246.26' INV OUT=245.89'
14	CATCH BASIN TOC=261.47' N INV=256.87' S INV=256.97'
15	DRAIN INLET TOP=258.67' NE INV=255.72' SE INV=255.77'
16	SDMH RIM=261.61' SE INV=250.71' SW INV=250.76' SWW INV=253.88' NW INV=250.56'
17	CATCH BASIN TOC=259.20' NE INV=254.35'
18	SDMH RIM=259.29' SE INV=248.44' NW INV=248.39'
19	SDMH RIM=257.55' SE INV=247.65' NW INV=246.60' NE INV=252.15'
20	CATCH BASIN TOC=255.38' NW INV=245.45' SE INV=245.54'
21	SDMH RIM=253.28' NW INV=244.18' SE INV=244.28'
22	SDMH RIM=251.52' NE INV=242.27' SE INV=241.37' SW INV=244.32'
23	SDMH RIM=251.18' NE INV=243.48' E INV=241.75' SW INV=241.83' NW INV=244.78'
24	CATCH BASIN TOC=250.95' SE INV=245.47'
25	CATCH BASIN TOC=261.96' SW INV=254.46'
26	CATCH BASIN TOC=227.90' NW INV=220.46'
27	CATCH BASIN TOC=227.84' NE INV=219.84' SE INV=219.91'



SURVEY NOTES:

- REFER TO C3.00 FOR GENERAL NOTES.
- THIS SURVEY MAP IS INTENDED TO REPRESENT THE EXISTING CONDITIONS/TOPOGRAPHY ON A PORTION OF THE PROPERTY AND ALL ENCUMBRANCES UPON THE PROPERTY MAY NOT BE SHOWN.
- HORIZONTAL DATUM IS NAD 83-2011 AND VERTICAL DATUM IS NAVD88.
- THIS DRAWING DOES NOT CONFORM TO N.C. GS47-30 AND THEREFORE IS NOT FOR RECORDATION.
- SURVEY INFORMATION BASED ON FIELD SURVEY BY STEWART COMPLETED ON OCTOBER 11, 2017.
- TREES SHOWN HEREON MAY NOT REPRESENT ALL VEGETATION ON THE SUBJECT PROPERTY.
- THE SUBJECT PROPERTY LIES IN ZONES X (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE AND FUTURE CONDITIONS 1% ANNUAL CHANCE FLOODPLAIN), BASED ON THE FLOOD INSURANCE RATE MAP COMMUNITY MAP NUMBER 3720172400J & 3720172300J DATED MAY 2, 2006.
- NO WETLANDS HAVE BEEN IDENTIFIED WITHIN THE PROJECT OR PARCEL SHOWN.



STEWART
 421 FAYETTEVILLE ST., SUITE 400 FIRM LICENSE # C-1051
 RALEIGH, NC 27601 www.stewartinc.com
 T: 919.380.8750 PROJECT # 17117

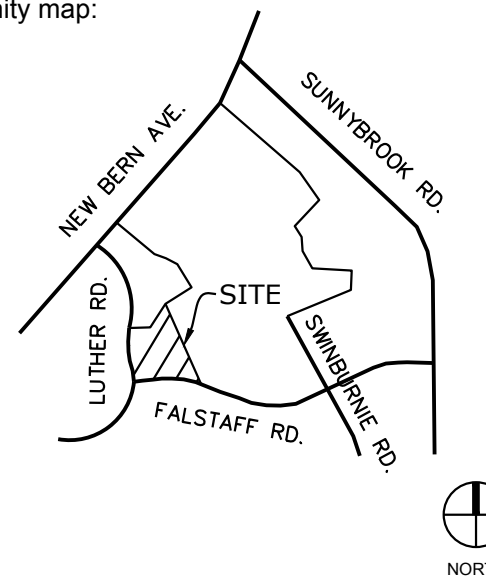
Client:

WAKE MED
 3000 NEW BERN AVE
 CARY, NC 27513
 T: 350.8098

Project:

**WAKE MED
 ADMINISTRATION
 FACILITIES**

Vicinity map:

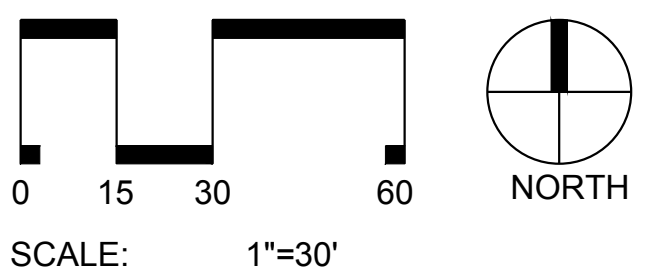


Scale:

Issued for:

SITE PLAN

No.	Date	Description
1	2/23/2018	Issued for ASR



Title:

SITE PLAN

Project number: C17117 Sheet:
 Date: 02.20.2018
 Drawn by: TPG
 Approved by: JLW **C3.00**

SITE LEGEND

- PROPOSED BUILDING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BRICK SIDEWALK
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED CONCRETE PAVERS
- PROPOSED GRAVEL
- PROPOSED CURB & GUTTER
- PROPOSED STOP BAR
- PROPOSED CROSSWALK
- PROPOSED 6' WIDE STANDARD CROSSWALK
- PROPOSED SIGN
- PROPOSED ADA PARKING SPACE
- PROPOSED WHEEL STOP
- PROPOSED TREELINE
- PROPOSED FENCE
- PROPOSED LIGHT
- PROPOSED TRANSFORMER
- PROPOSED BIKE RACK
- PROPOSED BENCH
- PROPOSED BOLLARD
- LIMITS OF DISTURBANCE

MASK FAMILY, LLC
 DB.9069, PG.1621
 BM.1984 PG.1495
 PIN:1724101272

GLEN SUMMIT
 PROPERTIES, LLC
 DB.14459, PG.1454
 BM.1979 PG.687
 PIN:1724106215

UNITED BROTHERS
 RESTORATION CENTER
 DB.16255, PG.1642
 BM.2015 PG.2157
 PIN:1724103051

RONALD S. GAITHER
 DB.2314, PG.389
 BM.1962 PG.134
 PIN:1723193883

WAKE MED
 DB.7922, PG.412
 BM.2000 PG.765
 PIN:1724202599

GENERAL NOTES:

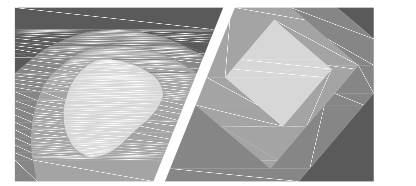
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE OFFICE OF STATE CONSTRUCTION, DEPARTMENT OF INSURANCE, NCDENR, AND ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES. ALL UTILITY CONSTRUCTION SHALL COMPLY WITH APPLICABLE LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS.
- EXISTING SURVEY INFORMATION INCLUDING TOPOGRAPHIC INFORMATION PROVIDED BY STEWART, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING, COORDINATING AND PAYMENT FOR ALL NECESSARY LOCATING SERVICES INCLUDING INDEPENDENT LOCATING SERVICES. THE CONTRACTOR SHALL PROVIDE NOTICE OF EXCAVATION TO NOTIFICATION CENTER AND FACILITY OWNERS (PER NC STATUTE) NO LESS THAN 3 BUSINESS DAYS AND NO MORE THAN 12 WORKING DAYS PRIOR TO BEGINNING DEMOLITION, EXCAVATION OR ANY OTHER FORM OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS. NO EXCAVATION OR DEMOLITION SHALL BE STARTED WITHOUT ALL UTILITIES BEING LOCATED.
- ALL SUB-SURFACE UTILITIES IDENTIFIED ON THE CONSTRUCTION DOCUMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATION BASED ON SURVEY INFORMATION GATHERED FROM FIELD INSPECTION AND/OR ANY OTHER APPLICABLE RECORD DRAWINGS WHICH MAY BE AVAILABLE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS.
- EXISTING IMPROVEMENTS DAMAGED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED OR REPLACED TO ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COORDINATING PERMITS, INSPECTIONS, CERTIFICATIONS AND OTHER REQUIREMENTS WHICH MUST BE MET UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL MAINTAIN "AS-BUILT" DRAWINGS TO RECORD THE ACTUAL LOCATION OF ALL PIPING PRIOR TO CONCEALMENT, VALVE AND MANHOLE CHANGES, AND HARDSCAPE OR LANDSCAPE CHANGES. DRAWINGS SHALL BE PROVIDED TO THE OWNER'S REPRESENTATIVE AT REGULAR INTERVALS, OR AS REQUESTED THROUGHOUT THE PROJECT FOR RECORD KEEPING.
- IF DEPARTURES FROM THE PROJECT DRAWINGS OR SPECIFICATIONS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THERE OF SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW. NO DEPARTURES FROM THE CONTRACT DOCUMENTS SHALL BE MADE WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY EXISTING UTILITY LINES REQUIRED TO COMPLETE ANY PORTION OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE COORDINATION AND COSTS OF THE RELOCATION AND ASSOCIATED WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIALS AND RUBBISH CAUSED BY THE CONTRACTOR. ALL DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE ON A DAILY BASIS.
- THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND/OR METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- ROADWAYS (TEMPORARY OR PERMANENT) MUST BE CAPABLE OF SUPPORTING FIRE FIGHTING APPARATUS (85,000 LBS) DURING ALL PHASES OF CONSTRUCTION ONCE VERTICAL CONSTRUCTION HAS BEGUN.

SITE NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE CONSTRUCTION LAYDOWN AREA, PERIMETER FENCE, AND ASSOCIATED GATES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE REMOVAL OF THE CONSTRUCTION LAYDOWN AREA PERIMETER FENCE AND ASSOCIATED GATES AT THE COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL REFERENCE THE DESIGN PLANS FOR DIMENSIONS, JOINT LOCATIONS, AND INLAY SPECIFICATIONS NEAR BUILDINGS AND IN COURTYARDS. CONTRACTOR SHALL PROVIDE JOINTS IN WALKWAYS AND HARDSCAPE PER DETAILS OR AS INDICATED ON LANDSCAPE/HARDSCAPE PLAN SHEETS.
- ALL CONSTRUCTION TRAFFIC SHALL ENTER SITE FROM FALSTAFF RD. UNLESS OTHERWISE APPROVED IN WRITING FROM THE OWNER'S REPRESENTATIVE FOR AN ALTERNATE POINT OF ACCESS.
- REFER TO ARCHITECTURAL PLANS FOR BUILDING INFORMATION.
- ALL DIMENSIONS ARE IN DECIMAL FEET TO OUTSIDE FACE OF BUILDINGS, TO CENTERLINES, AND/OR FACE OF CURB UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATES AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO ANY CONSTRUCTION.
- ALL WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE FROM DRAWINGS.
- ALL UTILITIES WITH SURFACE ACCESS SHALL BE LOCATED WITHIN THE PAVING PATTERN AND SHALL BE COORDINATED WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. REFER TO LAYOUT DRAWINGS.
- ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
- ALIGN ALL JOINTS, CORNERS, AND EDGES AS SHOWN
- CONTRACTOR SHALL REFER TO AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND MEP DRAWINGS AT ALL TIMES PRIOR TO AND DURING CONSTRUCTION.
- ALL CURB TAPERS ARE SIX (6) FEET LONG UNLESS OTHERWISE SHOWN ON PLAN.
- WHERE NEW SIDEWALK ADJOINS EXISTING WALK, PROVIDE EXPANSION JOINT BY DRILLING INTO THE FACE OF THE EXISTING WALK FOR PLACEMENT OF DOWELS. THE NEW SIDEWALKS INTO NEAREST EXISTING PAVEMENT JOINT; MATCH WIDTH OF EXISTING WALKWAY.
- WHERE SIDEWALK OR WALKWAYS ARE ADJACENT TO PARKING SPACES THE WALKWAY SHALL BE A MINIMUM 6.5' WIDE AS MEASURED FROM THE FACE OF CURB.
- MAXIMUM RUNNING SLOPE FOR WALKING SURFACES CANNOT BE GREATER THAN 1:20 AND CROSS SLOPES CANNOT BE GREATER THAN 1:48. HANDICAP SPACES SURFACE SLOPES SHALL NOT EXCEED 1:48 IN ALL DIRECTIONS.
- SIGHT TRIANGLES - NOTHING OVER 30" HIGH SHALL BE ALLOWED WITHIN THE SIGHT DISTANCE TRIANGLES.
- THE SITE SHALL BE FULLY STABILIZED (90% COVERAGE) PRIOR TO ISSUANCE OF A BUILDING CERTIFICATE OF OCCUPANCY OR PROJECT APPROVAL.
- HANDICAP RAMPS SHALL BE INSTALLED PER LATEST EDITION OF THE

BUILD-TO CALCULATIONS		
	REQUIRED %	% PROVIDED
GALAHAD RD.	25%	88.50%
LUTHER RD.	25%	28.53%
FALSTAFF RD. (ASSUMED PRIMARY)	50%	92.23%*

*PROVIDED WITH AMENITY AREA PER UDO1.5.6.D



STEWART
 421 FAYETTEVILLE ST., SUITE 400 FIRM LICENSE # C-1051
 RALEIGH, NC 27601 www.stewartinc.com
 T 919.380.8750 PROJECT # 17117

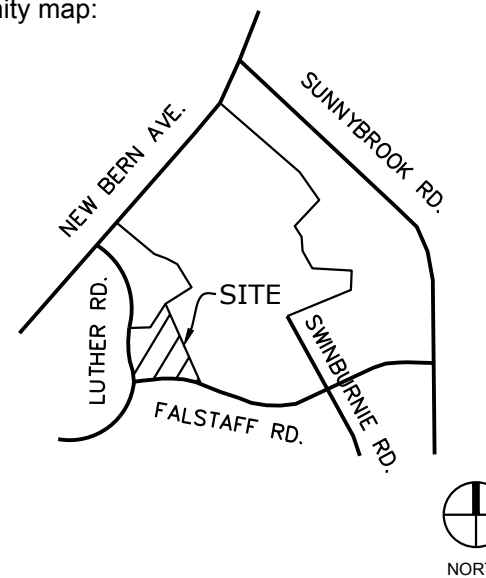
Client:

WAKE MED
 3000 NEW BERN AVE
 CARY, NC 27513
 T: 350.8098

Project:

WAKE MED ADMINISTRATION FACILITIES

Vicinity map:



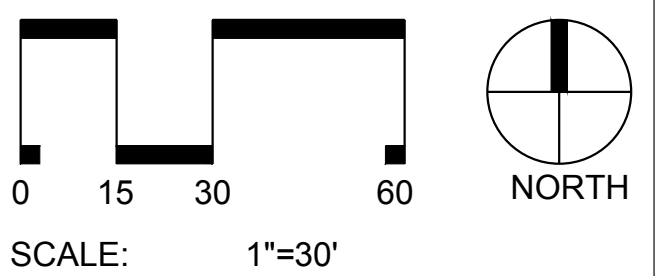
Scale:



Issued for:

SITE PLAN

No.	Date	Description
1	2/23/2018	Issued for ASR



Title:

UTILITY PLAN

Project number: C17117 Sheet:

Date: 02.20.2018

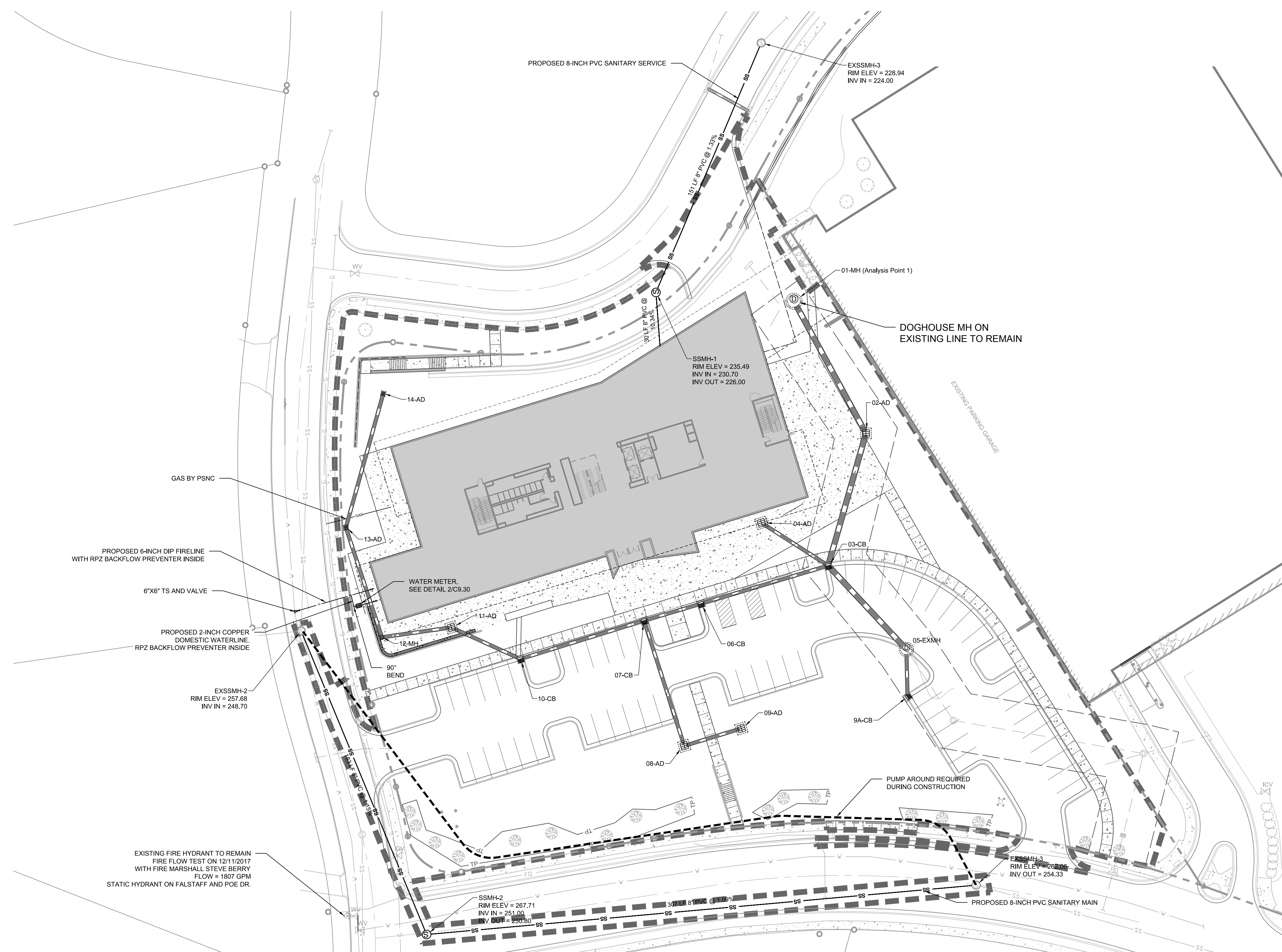
Drawn by: CJJ

Approved by: JWP

C6.00

UTILITY LEGEND

- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- SS — PROPOSED SANITARY SEWER LINE
- ⊗ PROPOSED FIRE HYDRANT
- ⊗ PROPOSED WATER VALVE
- ⊗ EXISTING SANITARY SEWER MANHOLE
- ⊗ PROPOSED SANITARY SEWER MANHOLE
- ⊗ PROPOSED CLEANOUT
- ⊗ PROPOSED FDC
- ⊗ PROPOSED BACKFLOW METER
- ⊗ PIV
- — 300' HYDRANT COVERAGE CIRCLE
- — LIMITS OF DISTURBANCE



UTILITY NOTES:

- REFER TO SHEET C3.00 FOR GENERAL NOTES.
- UNLESS OTHERWISE NOTED, ALL MANHOLES SHALL BE PRE-CAST CONCRETE STRUCTURES.
- THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF UNDERGROUND UTILITIES (WATER, SEWER, STORM, ELECTRICAL, GAS, OR OTHER) FOR THIS PROJECT WITH THE BUILDING PLANS. THE UTILITY CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE INSTALLATION OF ALL UTILITY SERVICES TO WITHIN FIVE (5) FEET OF THE BUILDING CONNECTION POINT.
- THE CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTORS ON SITE AND UTILITY PROVIDERS DURING CONSTRUCTION TO ENSURE SMOOTH TRANSITION BETWEEN DISCIPLINES.
- THE CONTRACTOR SHALL COORDINATE ALL PEDESTRIAN AND VEHICULAR INTERRUPTIONS WITH OWNER'S REPRESENTATIVE AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK INSIDE THE PUBLIC RIGHT OF WAY PRIOR TO RECEIPT AND COMPLIANCE WITH ALL APPLICABLE NCDOT PERMITS. ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY FLAGGERS AND TRAFFIC CONTROL DURING ALL WORK INSIDE THE PUBLIC RIGHTS OF WAY.
- THE CONTRACTOR SHALL NOT RE-USE ANY FIRE HYDRANT REMOVED AS PART OF THIS PROJECT. ANY FIRE HYDRANT SHOWN TO BE REMOVED OR RELOCATED SHALL BE REPLACED WITH A NEW FIRE HYDRANT MEETING THE LOCAL JURISDICTIONAL REQUIREMENTS AND STANDARDS.

- ALL EXISTING SUB-SURFACE UTILITIES IDENTIFIED ON THE CONSTRUCTION DOCUMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATION BASED ON SURVEY INFORMATION GATHERED FROM FIELD INSPECTION AND/OR ANY OTHER APPLICABLE RECORD DRAWINGS WHICH MAY BE AVAILABLE. DEPTHS OF EXISTING UTILITIES SHOWN IN PROFILE VIEWS ARE BASED ON STANDARD ASSUMPTIONS. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION, DEPTH, SIZE AND MATERIAL OF ANY AND ALL SUB-SURFACE CONDITIONS REFERENCED IN THESE PLANS PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS.
- ELEVATIONS OF UTILITIES ARE GIVEN TO THE EXTENT OF INFORMATION AVAILABLE, WHERE ELEVATIONS ARE NOT GIVEN AT POINTS OF EXISTING UTILITY CROSSINGS, SUCH ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND REPORTED TO THE ENGINEER. WHEN UNKNOWN LINES ARE EXPOSED, THEIR LOCATIONS AND ELEVATIONS SHALL ALSO BE REPORTED TO THE ENGINEER.
- UNDERGROUND UTILITIES SHOWN ON THIS PLAN SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION OF PARKING AREA, DRIVES, CURB AND GUTTER OR CONCRETE WALKS / PADS. IF UTILITIES SHOWN ON THIS PLAN CANNOT BE INSTALLED PRIOR TO INSTALLATION OF IMPERVIOUS (ASPHALT / CONCRETE) CONDUIT SHALL BE INSTALLED FOR THE "FUTURE" UTILITY INSTALLATION.
- AS-BUILT DOCUMENTATION REQUIREMENTS: PRIOR TO APPROVAL FROM LOCAL JURISDICTION OR ENGINEER THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS (IN BOTH PAPER AND ELECTRONIC FORMAT (CAD / PDF)) PREPARED AND SEALED BY A PROFESSIONAL LAND SURVEYOR SHOWING ALL UTILITY INSTALLATION. HORIZONTAL AND VERTICAL INFORMATION SHALL BE PROVIDED FOR WATER, SEWER, STORM INCLUDING ALL STRUCTURES, VALVES, HYDRANTS, AND OTHER APPURTENANCES.

PROPOSED UTILITY SEPARATION:

- WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM EXISTING OR PROPOSED SEWERS, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10-FOOT HORIZONTAL SEPARATION IN WHICH CASE:
 - THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, OR
 - THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER WITH THE WATER MAIN LOCATED AT ONE SIDE OF A BENCH OF UNDISTURBED EARTH, AND WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
- CROSSING A WATER MAIN OVER A SEWER, WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION, IN WHICH CASE BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
- CROSSING A WATER MAIN UNDER A SEWER, WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER, BOTH THE WATER MAIN AND THE SEWER SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING. A SECTION OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING.

SEPARATION OF SANITARY SEWERS AND STORM SEWERS:

- A 24" VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN STORM SEWER AND SANITARY SEWER LINES OR BOTH THE SANITARY AND THE STORM LINES SHALL BE CONSTRUCTED OF FERROUS MATERIALS.

SEWER NOTES:

- SANITARY SEWER CLEANOUTS LOCATED IN PAVEMENT AREAS SHALL BE HEAVY DUTY TRAFFIC BEARING CASTINGS.
- UNLESS OTHERWISE NOTED, ALL SANITARY SEWER MANHOLES ARE 4' DIA.
- MANHOLES LOCATED IN PAVEMENT, CONCRETE OR OTHER TRAFFIC AREAS SHALL BE SET AT GRADE. MANHOLES LOCATED IN OTHER AREAS (I.E. GRASS OR WOODED AREAS) SHALL HAVE THEIR RIMS RAISED SIX INCHES ABOVE THE SURROUNDING GRADE. MANHOLES SUBJECT TO POSSIBLE WATER INFILTRATION SHALL HAVE WATERTIGHT, BOLTED LIDS.
- MINIMUM REQUIRED SLOPES FOR SEWER SERVICES:
 - 4" SEWER SERVICE - 2.00% SLOPE
 - 6" SEWER SERVICE - 1.00% SLOPE
 - 8" SEWER SERVICE - 0.50% SLOPE
- UNLESS OTHERWISE NOTED, LOCATE SANITARY SERVICE CLEANOUTS AT ALL HORIZONTAL OR VERTICAL CHANGES IN DIRECTION. MAXIMUM SPACING BETWEEN CLEANOUTS SHALL BE 75 FEET.
- SEWER LINES LESS THAN 3 FEET OF COVER SHALL BE CLASS 50 DUCTILE IRON PIPE. SEWER LINES WITH GREATER THAN 3 FEET OF COVER SHALL BE AS NOTED BELOW:
 - 4" SEWER SERVICE - SCH 80
 - 6" SEWER SERVICE - SCH 80
 - 8" SEWER SERVICE - SDR-35
- SEWER LINES UNDER CONSTRUCTION SHALL BE PROTECTED FROM DIRT, DEBRIS OR OTHER CONTAMINANTS ENTERING THE NEW SYSTEM. A MECHANICAL PLUG SHALL BE UTILIZED BOTH IMMEDIATELY UPSTREAM OF THE NEW CONSTRUCTION AND AT THE FIRST MANHOLE DOWNSTREAM IN THE EXISTING SYSTEM. EXISTING STRUCTURES, PIPING AND APPURTENANCES SHALL BE PROTECTED FROM ANY INFLOW OF WATER, DIRT OR DEBRIS DUE TO NEW CONSTRUCTION CONNECTING TO OR IN THE VICINITY OF THE EXISTING SYSTEM. CONTRACTOR TO REMOVE DEBRIS AND PLUG PRIOR TO OCCUPANCY.
- ALL MANHOLES COVERS SHALL BE PAINTED TO LOCAL JURISDICTIONAL REQUIREMENTS.

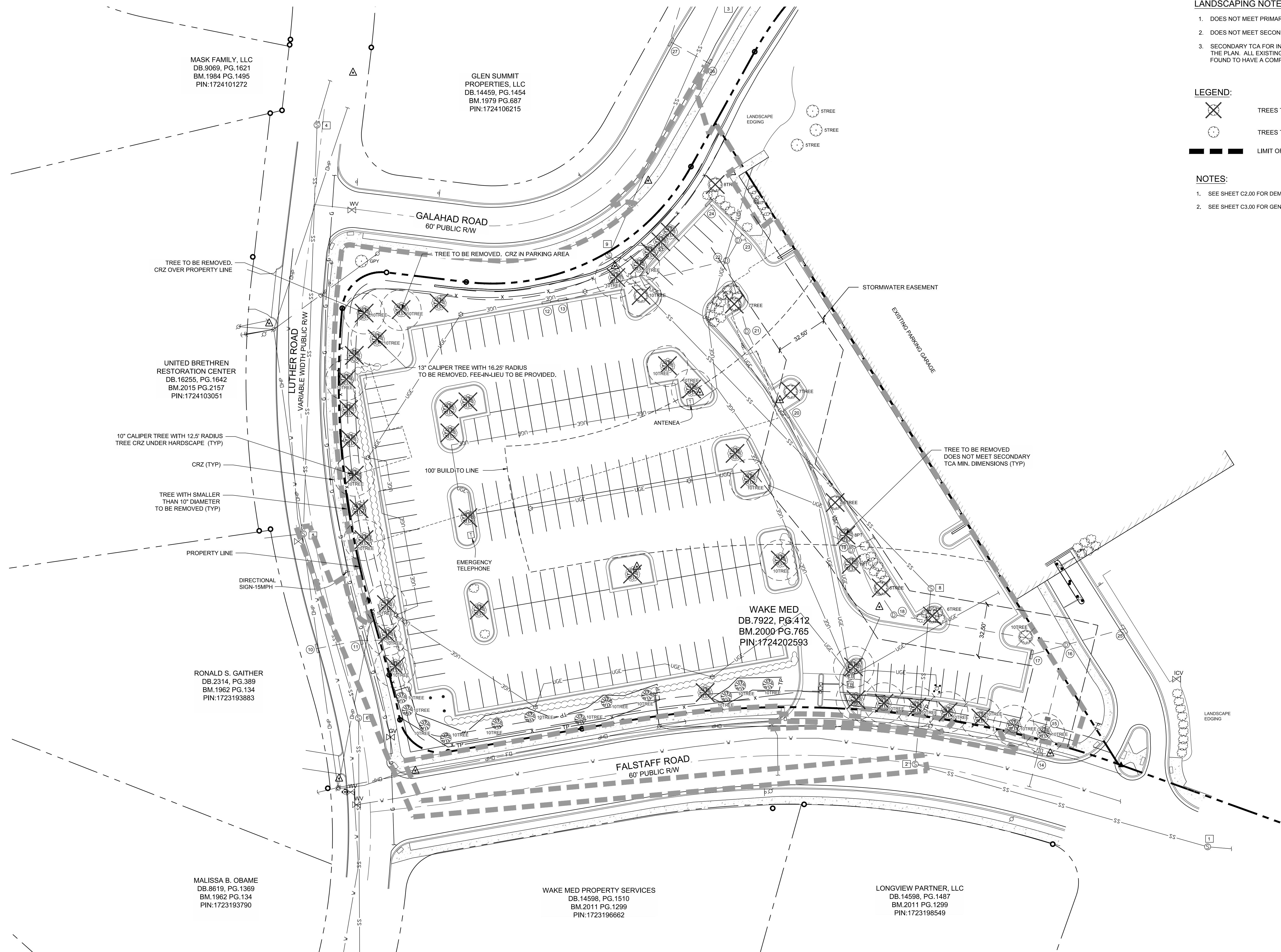
WATER NOTES:

- AS INDICATED, ALL WATERLINES SHALL BE DUCTILE IRON PIPE MEETING THE REQUIREMENTS OF ANSI-AWWA C151. PRESSURE CLASS 350 OR SOFT COPPER TYPE K PIPE PER ASTM B88. IF PVC WATERLINE IS INDICATED ON THE PLANS IT SHALL MEET THE REQUIREMENTS OF AWWA C900, CLASS 200.
- ALL WATERLINES SHALL HAVE A MINIMUM OF 3.5 FEET OF COVER.
- TESTING NOTES:
 - LEAKAGE SHALL NOT EXCEED THE MAXIMUM ALLOWABLE LEAKAGE SPECIFIED IN AWWA C 600. MINIMUM TEST PRESSURE SHALL BE 150 PSI FOR DOMESTIC AND 300 PSI FOR FIRE PROTECTION.
 - BACTERIOLOGICAL: TWO SAMPLES FOR BACTERIOLOGICAL SAMPLING SHALL BE COLLECTED AT LEAST 24 HOURS APART. IF CONTAMINATION IS INDICATED, THEN THE DISINFECTION PROCEDURE AND TESTING SHALL BE REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED.
- THE CHLORINE IN HEAVILY CHLORINATED WATER FLUSHED FROM MAINS NEEDS TO BE NEUTRALIZED BEFORE DISCHARGE. CONTRACTORS SHALL NEUTRALIZE HEAVILY CHLORINATED WATER FLUSHED FROM MAINS PRIOR TO DISCHARGE OR TRANSPORT ALL HEAVILY CHLORINATED WATER OFFSITE FOR PROPER DISPOSAL.
- PAIN VALVE COVERS, FIRE HYDRANTS AND OTHER WATER APPARATUS TO MEET THE LOCAL JURISDICTIONAL REQUIREMENTS.

UTILITIES IMPROVEMENTS QTY

PRIVATE SEWER	
8" PVC SEWER SERVICE	770 LF
PRIVATE WATER	
2" COPPER WATERLINE	46 LF
6" DIP WATERLINE	43 LF




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LANDSCAPING NOTES:

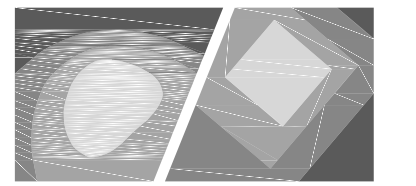
1. DOES NOT MEET PRIMARY TCA
2. DOES NOT MEET SECONDARY 65' PERIMETER TCA BUFFER DIMENSIONS
3. SECONDARY TCA FOR INDIVIDUAL 10" DIAMETER TREES WAS EVALUATED AS SHOWN ON THE PLAN. ALL EXISTING 10" DIAMETER AND LARGER TREES, EXCEPT FOR ONE, WERE FOUND TO HAVE A COMPROMISED CRZ.

LEGEND:

-  TREES TO BE REMOVED
-  TREES TO REMAIN
-  LIMIT OF DISTURBANCE

NOTES:

1. SEE SHEET C2.00 FOR DEMOLITION PLAN.
2. SEE SHEET C3.00 FOR GENERAL AND SITE NOTES.



STEWART

421 FAYETTEVILLE ST., SUITE 400 FIRM LICENSE # C-1051
 RALEIGH, NC 27601 www.stewartinc.com
 T: 919.380.8750 PROJECT #: 17117

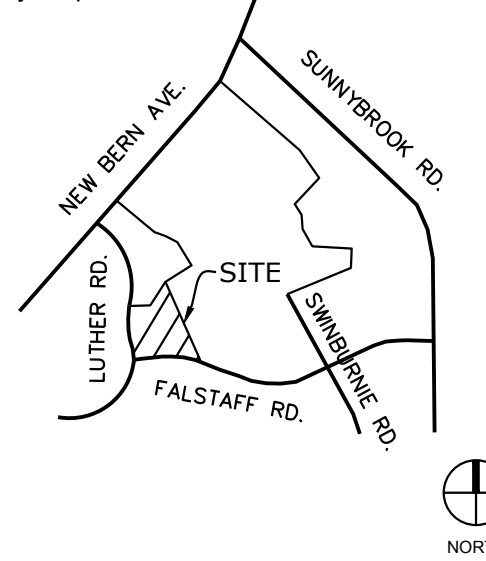
Client:

WAKE MED
 3000 NEW BERN AVE
 CARY, NC 27513
 T. 350.8098

Project:

**WAKE MED
 ADMINISTRATION
 FACILITIES**

Vicinity map:



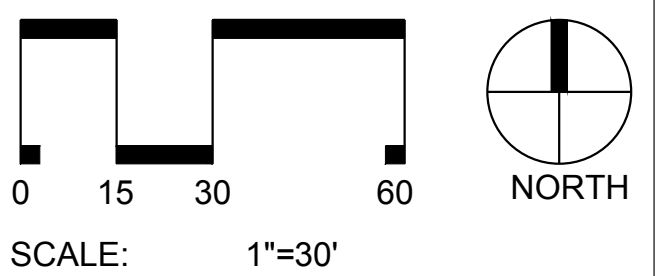
Seal:

PRELIMINARY - DO NOT
 USE FOR CONSTRUCTION

Issued for:

SITE PLAN

No.	Date	Description
1	2/23/2018	Issued for ASR



Title:

**TREE
 CONSERVATION
 PLAN**

Project number: C17117 Sheet:

Date: 02.20.2018

Drawn by: CJJ

Approved by: JWP

C1.10

C:\2017\C11717 - WakeMed Administration Facilities\DWGS\1 - Design\Sheets\C11717-L1-00-Planting Plan.dwg Feb 20, 2018 - 10:33am

MASK FAMILY, LLC
DB.9069, PG.1621
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PIN:1724101272

GLEN SUMMIT
PROPERTIES, LLC
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BM.1979 PG.687
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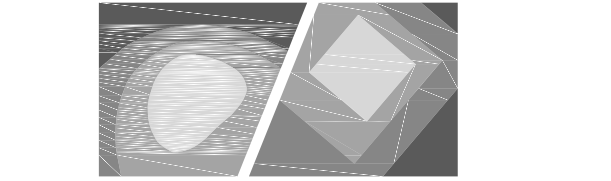
UNITED BROTHERS
RESTORATION CENTER
DB.16255, PG.1642
BM.2015 PG.2157
PIN:1724103051

RONALD S. GAITHER
DB.2314, PG.389
BM.1962 PG.134
PIN:1723193883

WAKE MED
DB.7922, PG.412
BM.2000 PG.765
PIN:1724202593

LANDSCAPING NOTES:

- VERIFY ALL QUANTITIES AND REPORT ANY DISCREPANCIES OR INACCURACIES IN THE PLANS TO THE OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
- LANDSCAPE WORK SHALL INCLUDE THE FURNISHING, INSTALLATION, AND WARRANTY OF ALL PLANTING MATERIALS WITHIN THE PROJECT AREA.
- THE LANDSCAPE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL EXISTING AND NEW UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR PLANTING. DAMAGES TO UTILITIES CAUSED BY THE LANDSCAPE OPERATION SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR AT NO COST TO THE OWNER.
- LANDSCAPING SHALL REMAIN CLEAR FROM ANY FIRE HYDRANTS ON THE SITE.
- ALL TREES TO BE A MINIMUM OF 2" IN CALIPER AND MUST MEET THE AMERICAN STANDARD FOR NURSERY STOCK.
- TREE PROTECTION NOTE: TREE PROTECTION FENCING MUST BE IN PLACE PRIOR TO ANY DEMOLITION, LAND DISTURBANCE OR ISSUANCE OF A GRADING PERMIT AND SHALL INCLUDE WARNING SIGNS POSTED IN BOTH ENGLISH AND SPANISH, AS FOLLOWS: "NO TRESPASSING/TREE PROTECTION AREA/PROHIBIDO ENTRAR / ZONA PROTECTORA PARA LOS ARBOLES."
- PROTECTION OF EXISTING VEGETATION: AT THE START OF GRADING INVOLVING THE LOWERING OF EXISTING GRADE AROUND A TREE OR STRIPPING OF TOPSOIL, A CLEAN, SHARP, VERTICAL CUT SHALL BE MADE AT THE EDGE OF THE TREE SAVE AREA AT THE SAME TIME AS OTHER EROSION CONTROL MEASURES ARE INSTALLED. THE TREE PROTECTION FENCING SHALL BE INSTALLED ON THE SIDE OF THE CUT FARTHEST AWAY FROM THE TREE TRUNK AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IN THE VICINITY OF THE TREES IS COMPLETE. NO STORAGE OF MATERIALS, FILL, OR EQUIPMENT AND NO TRESPASSING SHALL BE ALLOWED WITHIN THE BOUNDARY OF THE PROTECTED AREA.
- ROOT ZONE PROTECTION AREA: VARIES BASED ON LOCAL JURISDICTION HAVING AUTHORITY. CONTRACTOR SHALL COMPLY WITH LOCAL JURISDICTIONAL REQUIREMENTS. NO DISTURBANCE ALLOWED WITHIN THIS AREA. AREA MUST BE PROTECTED WITH BOTH TREE PROTECTION FENCING AND WARNING SIGNS.
- SEED BED PREPARATION: ALL AREAS TO BE SEEDED ARE TO RECEIVE A MINIMUM OF 2" OF APPROVED TOPSOIL. ALL DEBRIS, ROCKS, ETC. LARGER THAN 5" ARE TO BE REMOVED. ALL LARGE CONCENTRATIONS OF GRAVEL & DEBRIS REGARDLESS OF SIZE ARE TO BE REMOVED PRIOR TO SEEDING OR PLANTING.
- ALL PLANT BED AREAS ARE TO RECEIVE A MINIMUM OF 6" OF APPROVED TOPSOIL.
- SOIL SHOULD BE TESTED AND AMENDED WITH LIME AND FERTILIZER FOR HARDWOOD TREES ACCORDING TO NCDA PROCEDURES. SCARIFY PLANT PIT WALLS. CONSULT LANDSCAPE ARCHITECT FOR ALTERNATE COMPLIANCE.
- SHREDDED HARDWOOD MULCH 3" DEEP EXCEPT AT CROWN OF PLANT UNLESS OTHERWISE NOTED. FLARE AT CROWN SHOULD BE REVEALED. BACKFILL CONSISTS OF THOROUGHLY BROKEN UP NATIVE SOIL. TOTAL VOLUME OF BACKFILL SHOULD BE AMENDED WITH UP TO ONE THIRD PINE BARK MULCH. PIECES SHOULD BE NO LARGER THAN WHAT PASSES THROUGH A ONE INCH SCREEN. IF ADDITIONAL SOIL IS REQUIRED FOR BACKFILL DUE TO DETRIMENTAL SUBSOIL DRAINAGE CONDITIONS, USE SOIL SIMILAR TO EXISTING NATIVE SOIL. ADDITIONAL SOIL TO BE APPROVED BY LANDSCAPE ARCHITECT. MAXIMUM SAUCER HEIGHT IS 6 INCHES.
- TOP OF ROOTBALL TO BE RAISED 2-3 INCHES ABOVE EXISTING GRADE.
- FOR B&B PLANTS, NATURAL FIBER BURLAP SHOULD BE TURNED DOWN BY 1/3 TOTAL HEIGHT OF ROOT BALL. PLASTIC FIBER BURLAP AND WIRE BASKETS SHOULD BE REMOVED TO 2/3'S OF TOTAL HEIGHT OF ROOT BALL.
- CONTRACTOR IS RESPONSIBLE FOR KEEPING THE TREE UPRIGHT AND PLUMB THROUGHOUT THE WARRANTY PERIOD. IF STABILIZATION IS NECESSARY SEE STAKING IN TREE DETAIL. ORANGE FLAGGING TAPE SHOULD BE ATTACHED TO SUPPORT WIRE. STAKING SHOULD BE REMOVED BY CONTRACTOR AT END OF ONE YEAR WARRANTY PERIOD OR AS DIRECTED BY GROUNDS MANAGEMENT.
- USE STANDARD "GATOR" BAGS FOR WATERING TREES IN AREAS NOT UNDER IRRIGATION. INCORPORATE TERRA-SORB (OR EQUAL) AS PER MANUFACTURERS RECOMMENDATIONS, FOR AREAS NOT UNDER IRRIGATION.
- USE "BIO-BARRIER" OR EQUIVALENT ACCORDING TO MANUFACTURER'S RECOMMENDATION FOR TREES THAT WILL BE PLANTED WITHIN 10' OF PAVEMENT
- LANDSCAPING/C.O. STANDARDS NOTE: ALL LANDSCAPING MUST BE IN PLACE PRIOR TO REQUEST FOR A CERTIFICATE OF COMPLIANCE.



STEWART
421 FAYETTEVILLE ST., SUITE 400 FIRM LICENSE # C-1051
RALEIGH, NC 27601 www.stewartinc.com
T 919.380.8750 PROJECT # 17117

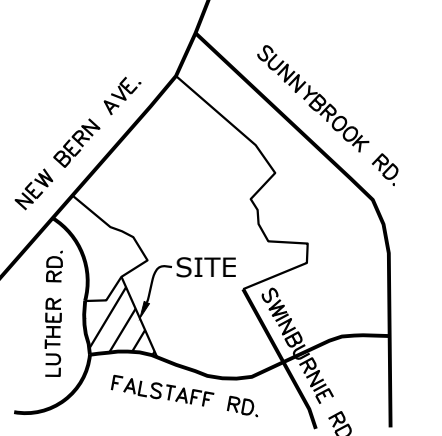
Client:

WAKE MED
3000 NEW BERN AVE
CARY, NC 27513
T: 350.8098

Project:

**WAKE MED
ADMINISTRATION
FACILITIES**

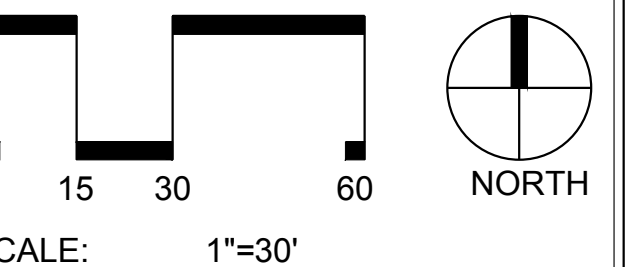
Vicinity map:



Issued for:

SITE PLAN

No.	Date	Description
1	2/23/2018	Issued for ASR



Title:

PLANTING PLAN

Project number: C11717 Sheet:

Date: 02.20.2018

Drawn by: TPG

Approved by: JLW

L1.00

PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	QTY	REMARKS	SHRUBS	CODE	BOTANICAL NAME	COMMON NAME	CONT	SIZE	QTY	REMARKS
	BENI	Betula nigra	River Birch Multi-Trunk	B & B	3" MIN	10' MIN.	5			ILVE	Ilex verticillata	Winterberry	3 Gal. Min.	N/A	113	
	CABE	Carpinus betulus 'Fastigiata'	Pyramidal European Hornbeam	B & B	3" MIN	10' MIN.	5			TEGY	Ternstroemia gynmanthera	Cleyera	3 Gal. Min.	N/A	53	
	CUSE	Cupressus sempervirens	Italian Cypress	B & B	8" MIN.		20									
	GIBI	Ginkgo biloba	Maidenhair Tree	B & B	3" MIN	10' MIN.	2									
	QULH	Quercus lyrata 'Highbeam'	Highbeam Overcup Oak	B & B	3" MIN	10' MIN.	7									
	TADI	Taxodium distichum	Bald Cypress	B & B	3" MIN	10' MIN.	4									
	ULPA	Ulmus parvifolia	Chinese Elm	B & B	3" MIN	10' MIN.	10									
	ZESE	Zelkova serrata	Sawleaf Zelkova	B & B	3" MIN	10' MIN.	6									

TREE BUFFER CALCULATIONS*

Street	Frontage	LF/SIZE	Spacing	Required Trees	Provided Trees
Falstaff Road (Existing Buffer to Remain**)	453'	425 LF ***	N/A	N/A	1
Luther Road	344'	319 LF ****	40' O.C. Average	N/A	7
Galahad Drive	282'	242 LF *****	35' O.C. Average	N/A	6
TOTAL				N/A	14

SURFACE PARKING PLANT CALCULATIONS

Surface Parking Req.	Amt. of Linear Feet	No. of Spaces	Required Plants	Provided Plants
1 Shade Tree per 10 Parking Spaces		61	12	14
Perimeter Island: Shrubs installed 30 per 100 linear feet	498		150	166

NOTE:

* Private Tree Buffer in lieu of street tree requirements

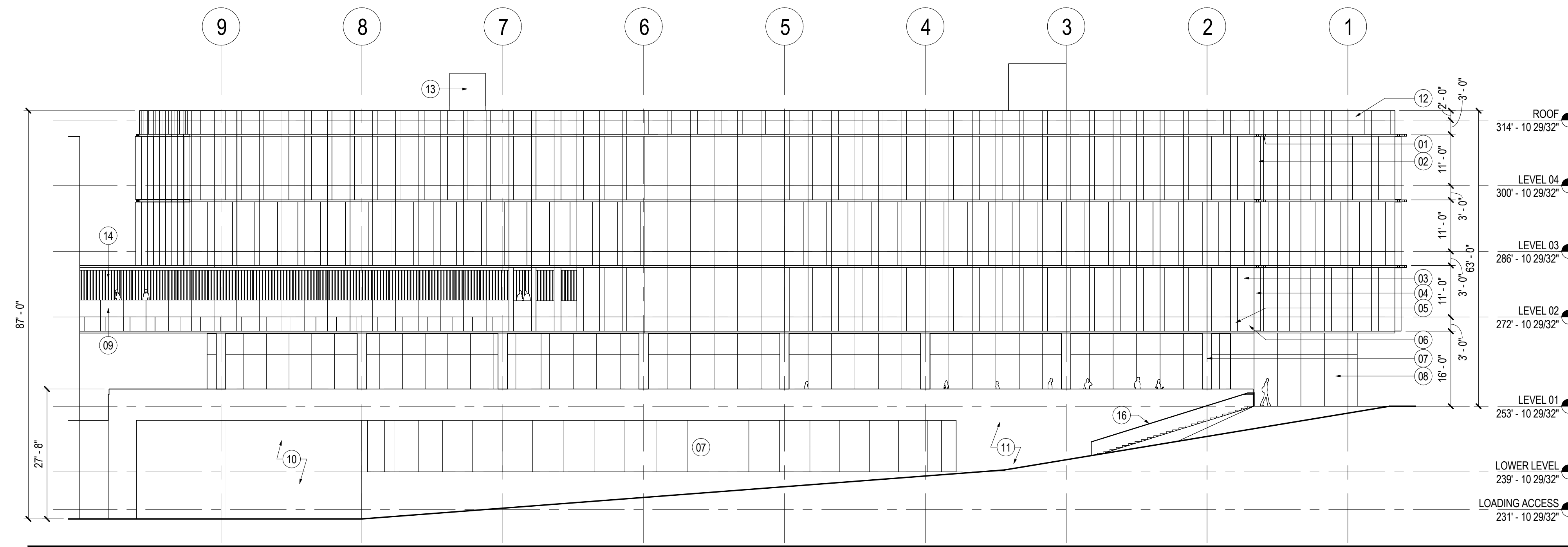
** Existing Buffer to remain in lieu of street tree or protective yard requirements

*** 453 LF frontage minus 23 FT of driveway = 425 LF

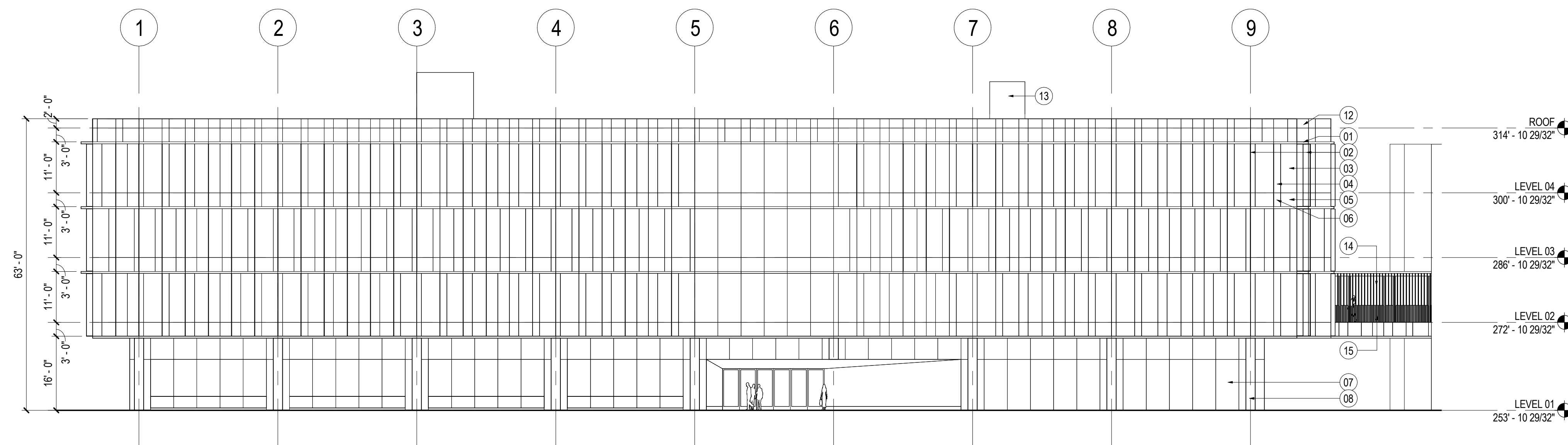
**** 344 LF frontage minus 25 FT of driveway = 319 LF

***** 282 LF frontage minus 40 FT of driveway = 242 LF

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1 NORTH ELEVATION
SCALE: 1/16" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/16" = 1'-0"

SHEET NOTES

- 01 SUNSHADE (42" PROJECTION)
- 02 10" ALUM FIN
- 03 VISION INSULATED GLAZING UNIT
- 04 ACID ETCHED INSULATED GLAZING UNIT
- 05 INSULATED SPANDREL IGU #1
- 06 INSULATED SPANDREL IGU #2
- 07 VISION INSULATED GLAZING UNIT IN CURTAIN WALL
- 08 RADIAL COLUMN ENCLOSURE ON 1-HR SPRAY FIREPROOFED STRUCTURAL COLUMN, TYP
- 09 GLASS GUARDRAIL
- 10 OVERHEAD COILING DOOR
- 11 FACE BRICK WALL SYSTEM
- 12 METAL PANEL WALL SYSTEM: METAL STUDS, 1/2" GYPSUM SHEATHING, 4" MINERAL WOOL INSULATION, PANEL FRAMING, METAL PANEL
- 13 ENERGY RECOVERY VENTILATOR ON CURB
- 14 DECORATIVE SCREEN, PAINTED ALUMINUM PLATE ON CONC CURB
- 15 PAINTED STEEL BAR STOCK GUARD
- 16 PAINTED STEEL RAILING

WakeMed

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3516 Bush Street
Suite 200
Raleigh, NC 27609
Tel 919.871.1070
Fax 919.871.5620

Date	Description
2/23/18	ISSUED FOR ADMIN SITE REVIEW

GENERAL NOTES

Seal / Signature

NOT FOR CONSTRUCTION

Project Name

WakeMed Admin Office Building

Project Number

90.0109.003

Description

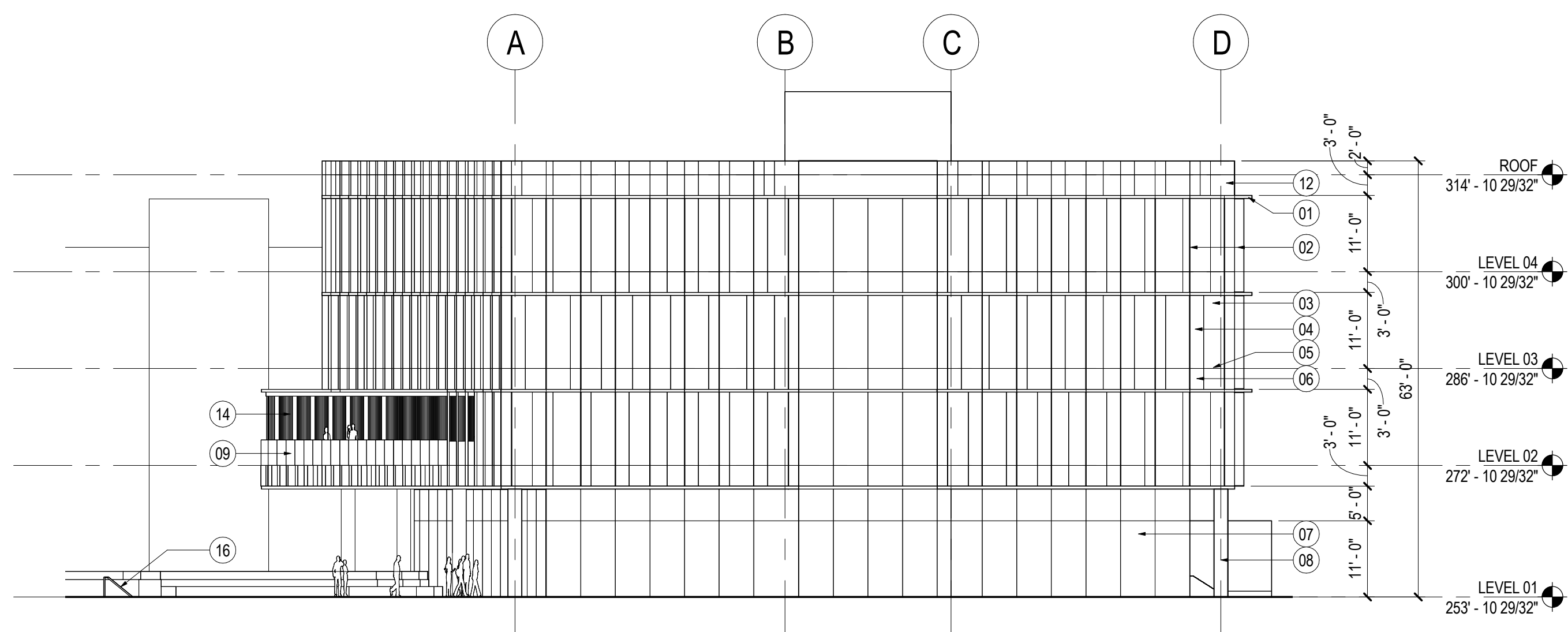
BUILDING ELEVATIONS

KEY PLAN

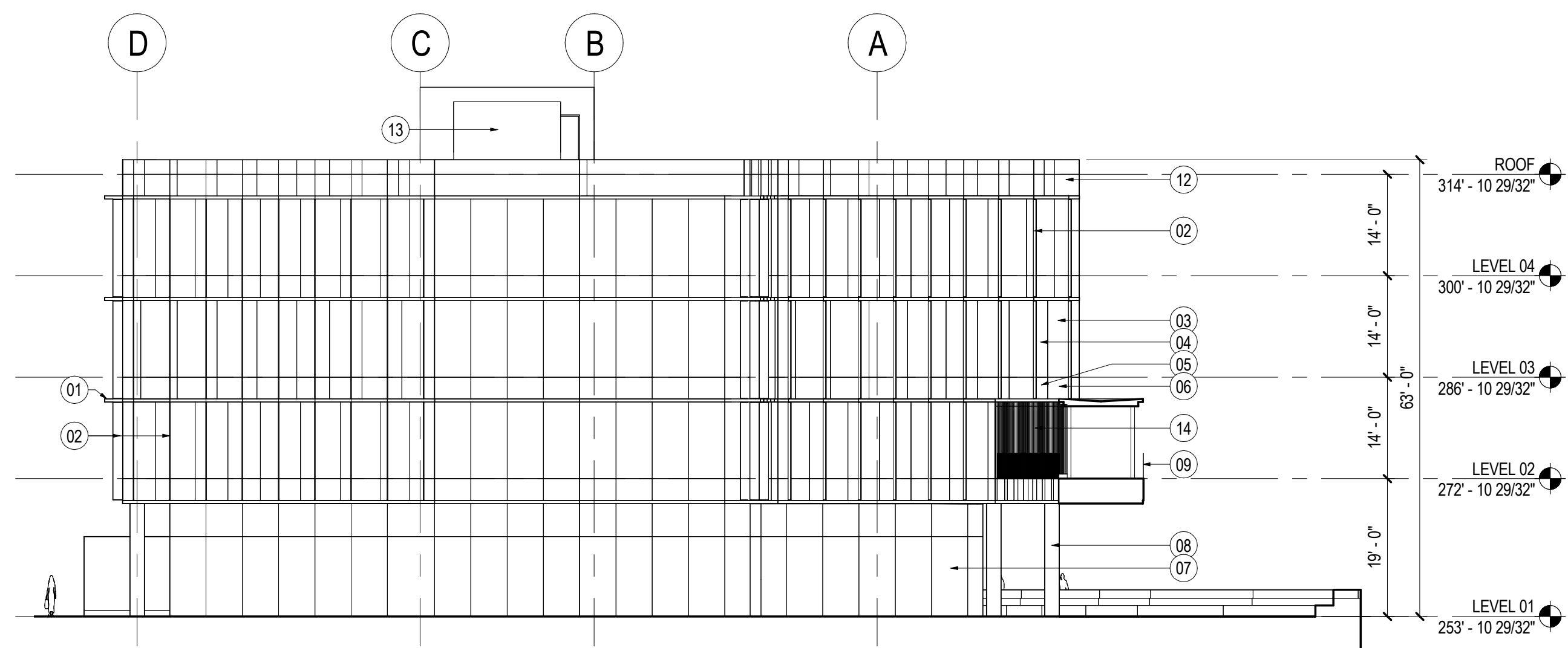
Scale

1/16" = 1'-0"

A2.03



1 WEST ELEVATION
SCALE: 1/16" = 1'-0"



2 EAST ELEVATION
SCALE: 1/16" = 1'-0"

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A2.04