

**SITE DATA**

PROJECT: UNC HOSPITALS IMAGING & OUTPATIENT CENTER  
 OWNER: HEALTH SYSTEMS PROPERTIES, LLC  
 C/O UNIVERSITY OF NORTH CAROLINA  
 HEALTH CARE SYSTEM  
 PRIMARY CONTACT: FRED WOLTERS, BJAC ARCHITECT  
 811 WEST HARGETT ST.  
 RALEIGH, NC 27603  
 PHONE: 919-645-3228  
 FAX: 919-833-6898  
 DEED/PLAT BOOK: D.B. 3744 PG. 181, P.B. 41 PG. 3  
 PIN #: 9798441499  
 SITE DESIGNER: CLH DESIGN, PA  
 SITE DESIGNER CONTACT: MOLLY R. WOOD  
 MACGREGOR PARK  
 125 EDINBURGH DRIVE SOUTH, SUITE 310  
 CARY, NC 27511  
 PHONE: 919-319-6716  
 FAX: 919-319-7516  
 PROJECT ADDRESS: 1350 RALEIGH ROAD  
 CHAPEL HILL, NC 27514  
 ORANGE COUNTY

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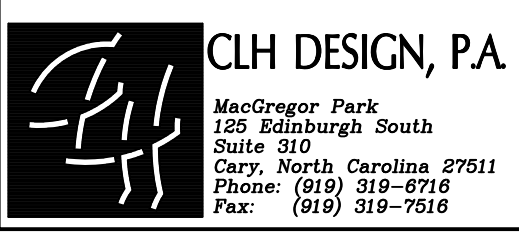


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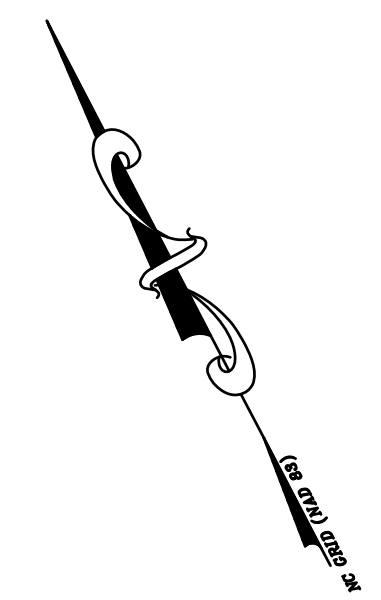
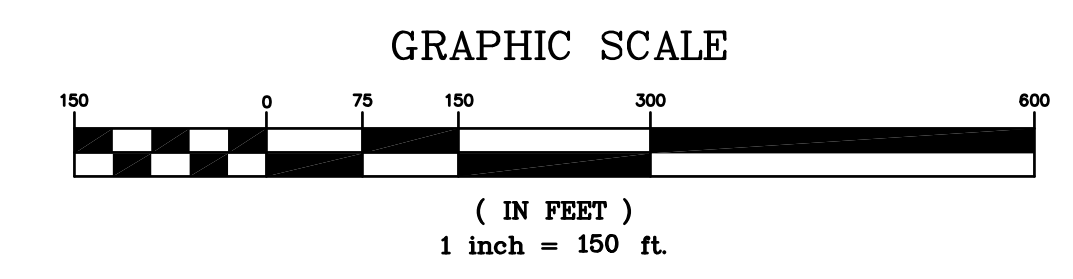
UNC HOSPITALS  
 IMAGING &  
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 CHAPEL HILL, NC 27514



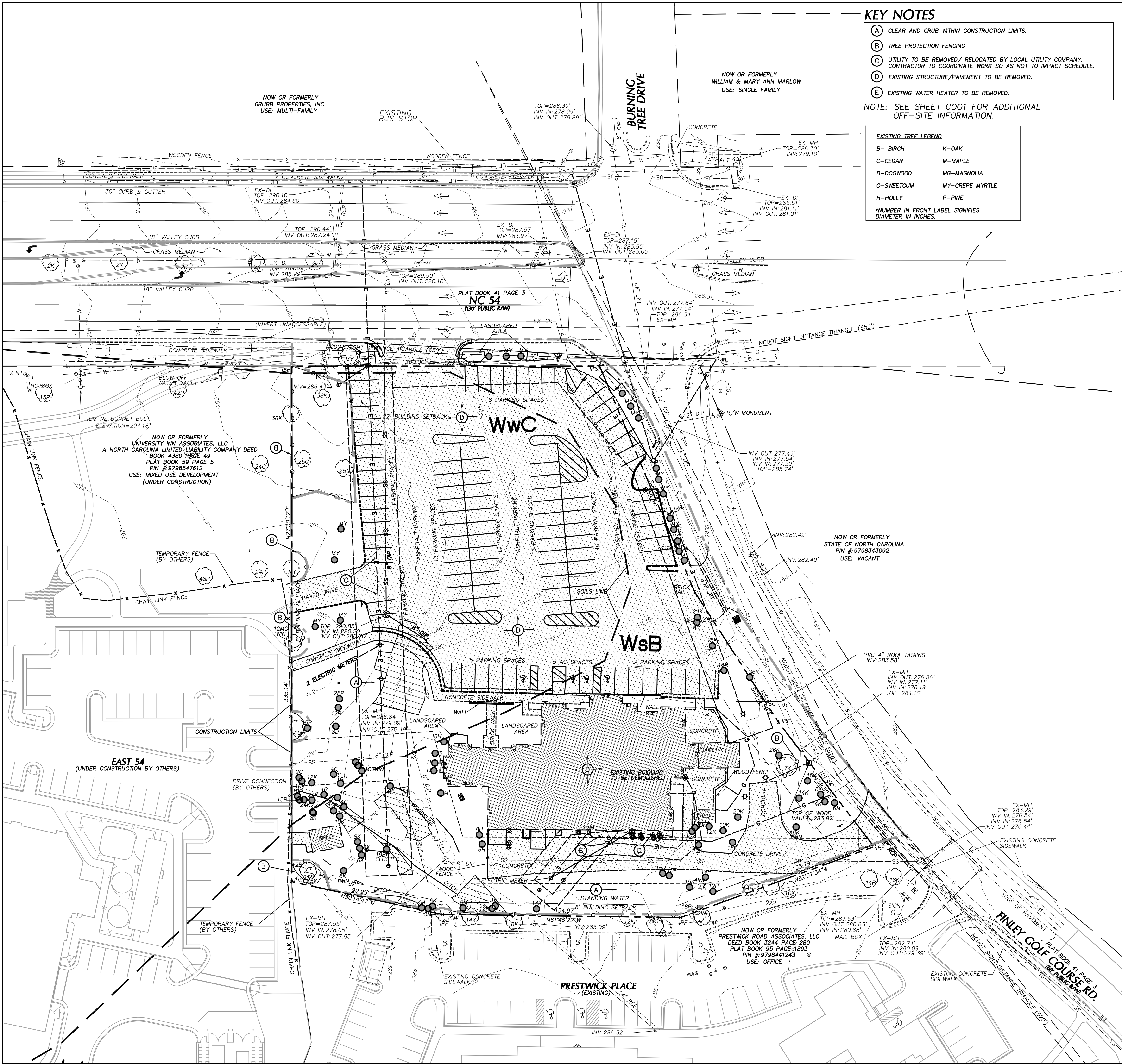
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SHEET TITLE  
 AREA MAP  
 SHEET NUMBER  
 C001







**KEY NOTES**

- (A) CLEAR AND GRUB WITHIN CONSTRUCTION LIMITS.
  - (B) TREE PROTECTION FENCING
  - (C) UTILITY TO BE REMOVED/ RELOCATED BY LOCAL UTILITY COMPANY. CONTRACTOR TO COORDINATE WORK SO AS NOT TO IMPACT SCHEDULE.
  - (D) EXISTING STRUCTURE/PAVEMENT TO BE REMOVED.
  - (E) EXISTING WATER HEATER TO BE REMOVED.
- NOTE: SEE SHEET C001 FOR ADDITIONAL OFF-SITE INFORMATION.

**EXISTING TREE LEGEND**

B - BIRCH	K - OAK
C - CEDAR	M - MAPLE
D - DOGWOOD	MG - MAGNOLIA
G - SWEETGUM	MY - CREPE MYRTLE
H - HOLLY	P - PINE

\*NUMBER IN FRONT LABEL SIGNIFIES DIAMETER IN INCHES.

**LEGEND**

	EXISTING TO REMAIN	EXISTING TO BE REMOVED
OVERHEAD ELECTRICAL	----- E -----	----- E -----
UNDERGROUND ELECTRICAL	----- UE -----	----- UE -----
FIRE PROTECTION	----- FP -----	----- FP -----
GAS	----- G -----	----- G -----
SANITARY SEWER	----- SS -----	----- SS -----
TELEPHONE	----- T -----	----- T -----
UNDERGROUND TELEPHONE	----- UT -----	----- UT -----
WATER	----- W -----	----- W -----
FORCE MAIN	----- FM -----	----- FM -----
STORM DRAIN	----- SD -----	----- SD -----
INDIVIDUAL TREE		
LIGHT POLE		
UTILITY POLE		
MANHOLE		
CLEAN OUT		
DROP INLET, CATCH BASIN		
FIRE HYDRANT		
WATER VALVE		
CONSTR./CLEARING LIMITS		
TREE PROTECTION FENCING		
PAVEMENT, S/W, C&G TO BE DEMOLISHED		
STRUCTURE TO BE DEMOLISHED		

1. ALL UTILITIES OR STRUCTURES NOT INDICATED FOR REMOVAL OR MODIFICATION ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
2. ALL WASTE MATERIAL GENERATED FROM CLEARING AND DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS. CONTRACTOR SHALL SALVAGE ALL SIGNAGE, METERS, ETC. TO OWNER. COORDINATE WITH OWNER PRIOR TO DEMOLITION.
3. INSTALL TREE PROTECTION FENCING PRIOR TO BEGINNING CLEARING OPERATIONS. CLEAR AND GRUB AS NEEDED WITHIN CONSTRUCTION LIMITS PER SPECIFICATIONS AND DRAWINGS. EXISTING TREES, SHRUBS OR OTHER LANDSCAPE MATERIAL WHICH WILL CONFLICT WITH NEW CONSTRUCTION SHALL BE REMOVED (WHETHER OR NOT SHOWN ON THE DRAWINGS) FOLLOWING APPROVAL OF ARCHITECT BY SUBMITTING A BID. CONTRACTOR ACKNOWLEDGES THAT THE SITE HAS BEEN INVESTIGATED TO DETERMINE TYPE, SIZE AND QUANTITY OF CLEARING REQUIRED FOR CONSTRUCTION.
4. REMOVE EXCESS TOPSOIL AND DISPOSE OF PROPERLY OFF-SITE.
5. ALL PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM JOINT WITH NEW CONSTRUCTION. ANY EXISTING PAVEMENT, SIDEWALK, CURB & GUTTER, ETC. THAT MUST BE REMOVED TO ALLOW NEW CONSTRUCTION SHALL BE REMOVED AND REPAIRED PER THE SPECIFICATIONS AND DETAILS OR TO MATCH EXISTING CONDITIONS (WHETHER OR NOT SHOWN ON THE DRAWINGS) FOLLOWING APPROVAL OF ARCHITECT. UTILITY INSTALLATIONS MAY UTILIZE OPEN CUT OF PAVEMENTS UNLESS INDICATED OTHERWISE. TRENCH IN EXISTING ASPHALT SHALL BE PATCHED PER PAVEMENT REPAIR DETAIL.
6. PROTECT ALL ADJACENT PROPERTIES, THE GENERAL PUBLIC AND ALL OF THE OWNER'S FACILITIES. SHOULD DAMAGES OCCUR, NOTIFY ARCHITECT IMMEDIATELY.
7. THE CONTRACTOR SHALL EMPLOY A QUALIFIED UTILITY LOCATOR SERVICE TO LOCATE ALL UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO ELECTRICAL, TELEPHONE, GAS, CABLE, FIBER OPTIC) WITHIN THE LIMITS OF CONSTRUCTION.
8. VERIFY ALL ILLUSTRATED KNOWN UNDERGROUND ELEMENTS. EXERCISE REASONABLE EFFORTS TO PROTECT ANY UNKNOWN UNDERGROUND ELEMENTS. NOTIFY THE ARCHITECT IMMEDIATELY IF UNKNOWN ELEMENTS ARE DISCOVERED THAT WOULD NECESSITATE MODIFICATION TO THE PROPOSED DESIGN.
9. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND OSHA REGULATIONS.
10. EXISTING MANHOLES, VALVE BOXES, VAULTS, CLEANOUTS, UTILITY POLES ETC. TO REMAIN WITHIN THE GRADING LIMITS SHALL BE ADJUSTED AS NEEDED TO FUNCTION PROPERLY WITH THE PROPOSED FINISHED GRADES (WETHER OR NOT INDICATED TO BE MODIFIED).
11. GENERAL CONTRACTOR TO COORDINATE ALL PEDESTRIAN ACCESS PATHS, LOCATIONS, LIGHTING ETC. W/OWNER.
12. EXISTING SITE INFORMATION TAKEN FROM SURVEY BY DEWBERRY & DAVIS, INC. DATED 4/29/08. SURVEY PROVIDED BY OWNER.
13. ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
14. NO WATERCOURSE OR 100 YEAR FLOODPLAIN AS MAPPED BY F.E.M.A. OR AS DEFINED BY ANY FEDERAL, STATE OR LOCAL AUTHORITY IS LOCATED ON THIS PROJECT SITE.
15. CONTRACTOR TO PROVIDE STABILIZATION OF DEMOLISHED AREAS AS SHOWN ON THE EROSION CONTROL PLAN.

**FLOOD CERTIFICATION:**

BASED ON THE FOLLOWING FIRM PANEL, THIS PROPERTY DOES NOT LIE IN A SPECIAL FLOOD HAZARD AREA AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. THE PROPERTY LIES WITHIN ZONE "X" OF THE FLOOD INSURANCE RATE MAP. AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD ZONE IDENTIFIED AS FEMA MAP NUMBER 3710979800K BEARING AN EFFECTIVE DATE OF FEBRUARY 2, 2007.

\* AS NOTED ON SURVEY DATED APRIL 29, 2008 COMPLETED BY DEWBERRY & DAVIS, INC.

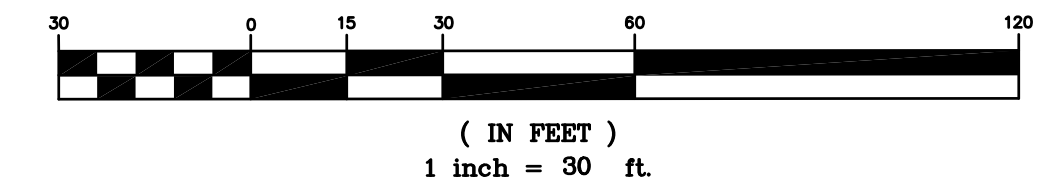
**EXISTING SLOPES**

SLOPES 10% - 15%  
(ALL OTHER SLOPES LESS THAN 10%)

**EXISTING SOILS**

Wsb WHITE STORE SANDY LOAM  
WwC WHITE STORE URBAN LAND COMPLEX:  
SEVER SHRINK/ SWELL POTENTIAL

**GRAPHIC SCALE**

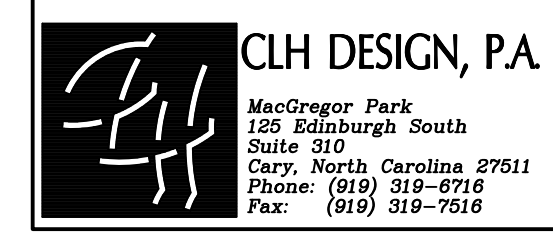


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**UNC HOSPITALS**  
IMAGING & OUTPATIENT CENTER  
1350 RALEIGH ROAD  
CHAPEL HILL, NC 27514



PROJECT NO.	7581-00
CHECKED BY	---
ISSUE DATE	08/27/08

REVISIONS:	MARK	DATE	DESCRIPTION

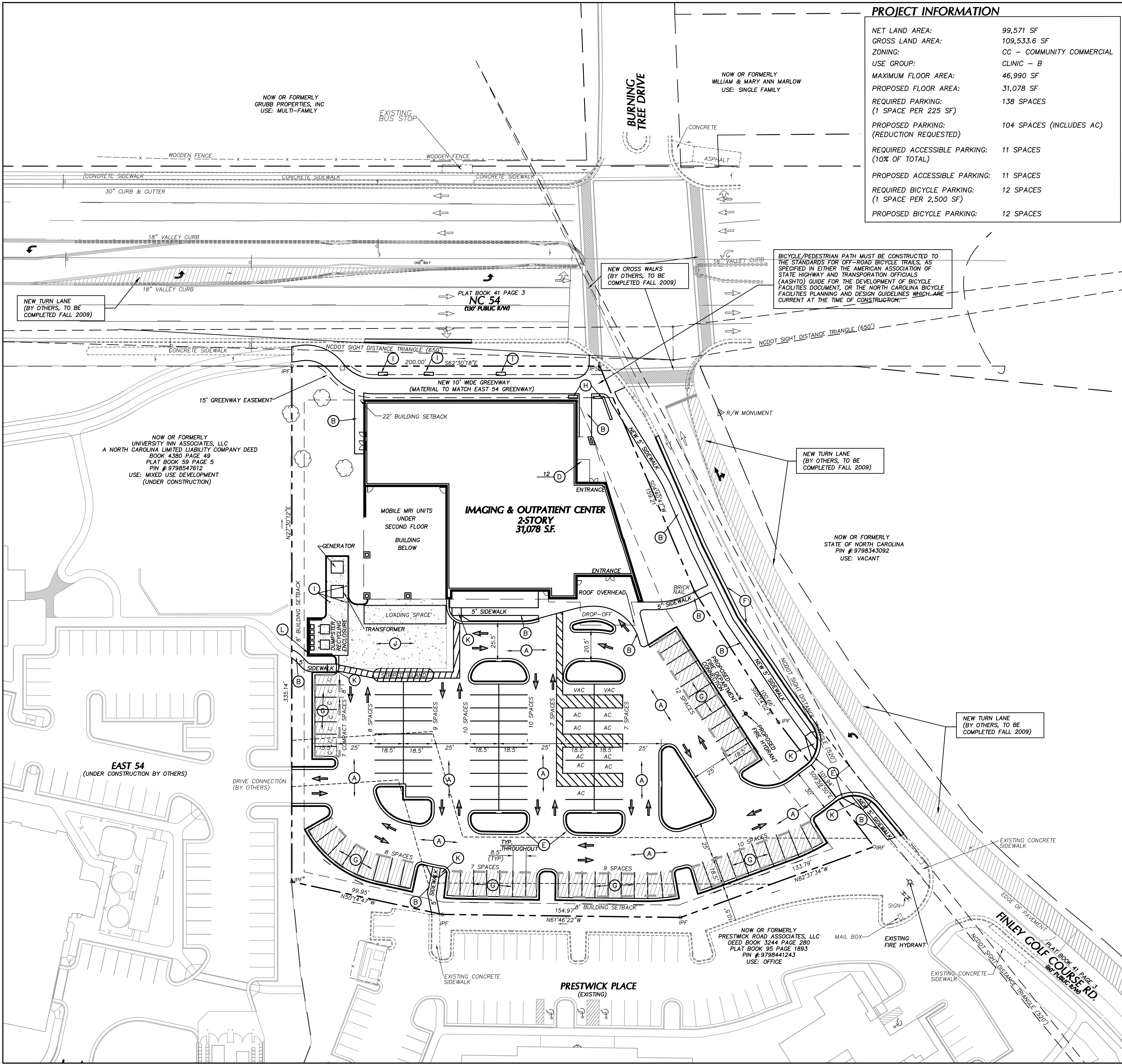
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SHEET TITLE  
**EXISTING CONDITIONS, DEMOLITION AND SITE ANALYSIS**

SHEET NUMBER  
**C101**

ATTACHMENT 10





**PROJECT INFORMATION**

NET LAND AREA:	99,571 SF
GROSS LAND AREA:	109,533.6 SF
ZONING:	CC - COMMUNITY COMMERCIAL
USE GROUP:	CLINIC - B
MAXIMUM FLOOR AREA:	46,990 SF
PROPOSED FLOOR AREA:	31,078 SF
REQUIRED PARKING:	138 SPACES
(1 SPACE PER 225 SF)	
PROPOSED PARKING:	104 SPACES (INCLUDES AC)
(REDUCTION REQUESTED)	
REQUIRED ACCESSIBLE PARKING:	11 SPACES
(10% OF TOTAL)	
PROPOSED ACCESSIBLE PARKING:	11 SPACES
REQUIRED BICYCLE PARKING:	12 SPACES
(1 SPACE PER 2,500 SF)	
PROPOSED BICYCLE PARKING:	12 SPACES

**SITE DATA**

PROJECT:	UNC HOSPITALS IMAGING & OUTPATIENT CENTER
OWNER:	HEALTH SYSTEMS PROPERTIES, LLC C/O UNIVERSITY OF NORTH CAROLINA HEALTH CARE SYSTEM
PRIMARY CONTACT:	FRED WOLTERS 811 WEST HARGETT ST. RALEIGH, NC 27603 PHONE: 919-645-3228 FAX: 919-833-6898
DEED/PLAT BOOK:	D.B. 3744 PG. 181, P.B. 41 PG. 3
PIN #:	9798441499
SITE DESIGNER:	CLH DESIGN, PA
SITE DESIGNER CONTACT:	MOLLY R. WOOD MACGREGOR PARK 125 EDINBURGH DRIVE SOUTH, SUITE 310 CARY, NC 27511 PHONE: 919-319-6716 FAX: 919-319-7516
PROJECT ADDRESS:	1200 RALEIGH ROAD CHAPEL HILL, NC 27514 ORANGE COUNTY

NOTE: SEE SHEET C301 FOR UTILITIES.  
SEE SHEET C401 FOR LANDSCAPE BUFFERS & SCREENS.

- KEY NOTES**
- (A) HEAVY DUTY ASPHALT PAVEMENT IN DRIVE AISLE.
  - (B) LIGHT DUTY ASPHALT PAVEMENT IN DRIVE AISLE.
  - (C) CONCRETE SIDEWALK.
  - (D) ACCESSIBLE PARKING SIGNAGE.
  - (E) BIKE RACKS.
  - (F) 24" CURB & GUTTER.
  - (G) 30" CURB & GUTTER. (within Finley Golf Course Road)
  - (H) PERVIOUS PAVERS.
  - (I) STONE WALL WITH BUILDING SIGNAGE.
  - (J) BENCH
  - (K) HEAVY DUTY PAVEMENT/CONCRETE
  - (L) ACCESSIBLE CURB RAMP
  - (M) DUMPSTER SCREEN, SEE SHEET C601

**TRAFFIC CONTROL NOTES**

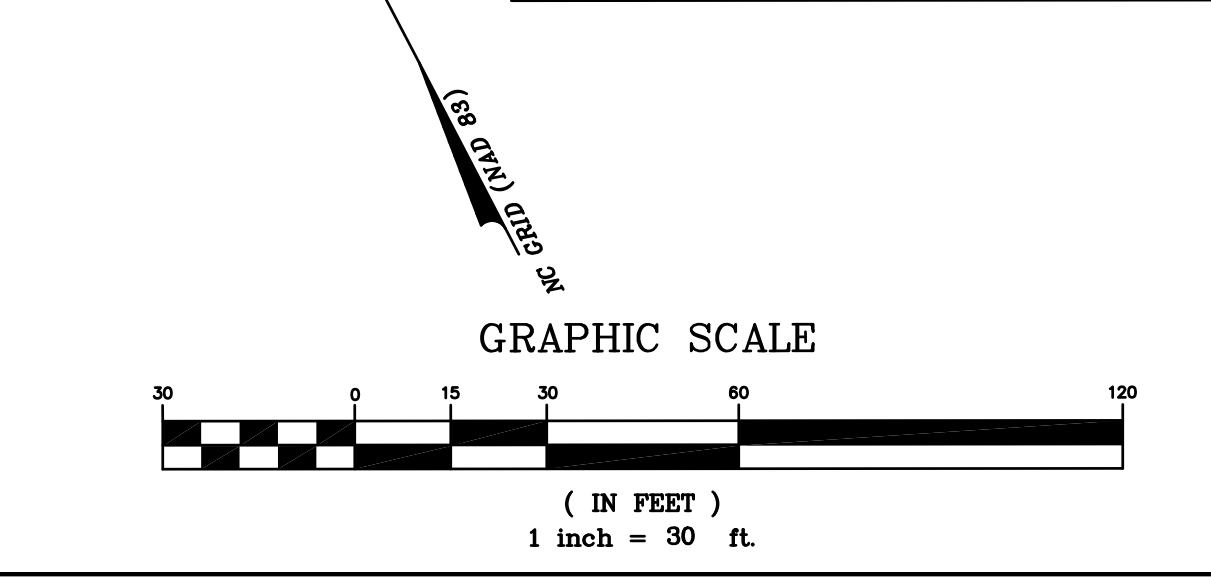
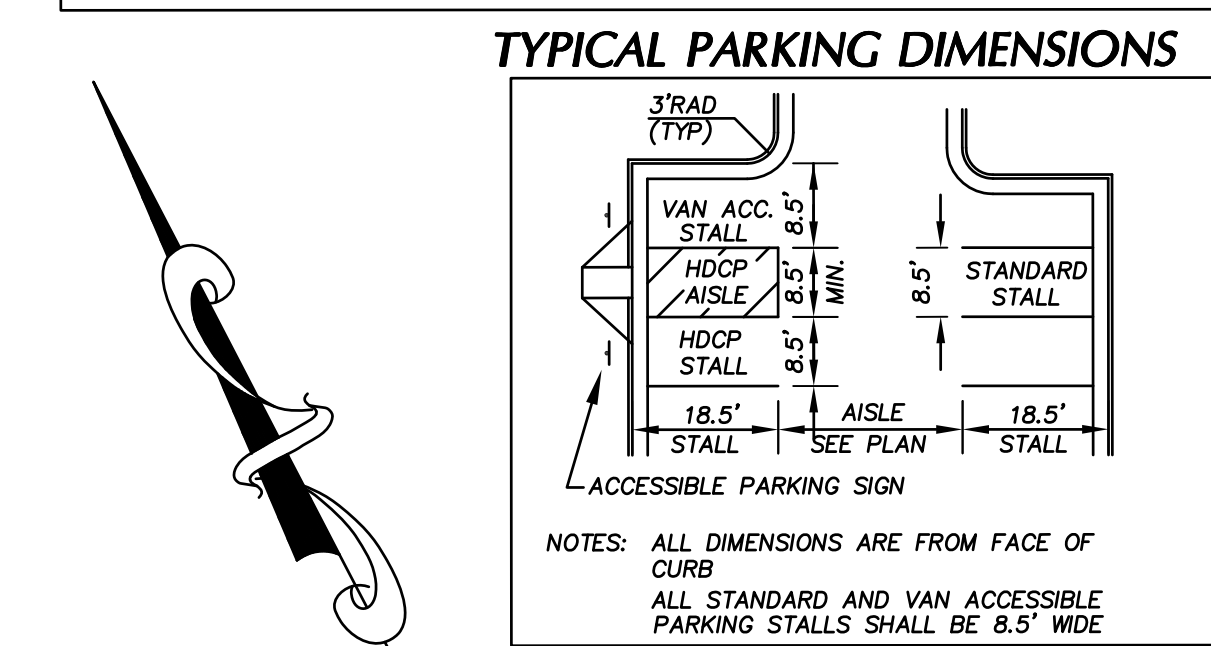
- ALL SITE SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS.
 

SIGN	MUTCD STD.	SIZE
DO NOT ENTER	RT-1	30" x 30"
	RS-1	30" x 30"
- ALL SIGNS SHALL BE MOUNTED WITH 5'-FT MIN. VERTICAL CLEARANCE TO THE BOTTOM OF THE SIGN ON 2-LB. GALV. STEEL U-CHANNEL POST SET IN 3"-FT DEEP x 12"-IN DIA. CONCRETE FOOTING.
- ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD AND NCDOT STANDARDS AND THE PROJECT SPECIFICATIONS.
 

MARKING	NCDOT STD.	SIZE	COLOR
PARKING SPACE	-	4"-IN	WHT.
NO PARKING - FIRE LANE *	-	4"-IN	YEL.
STOP BAR	-	24"-IN	WHT.
SOLID	-	4"-IN	WHT.
SOLID	-	4"-IN	YEL.

\* NO PARKING - FIRE LANE MARKING SHALL CONSIST OF A 4" SOLID YELLOW STRIPE AND 8" HIGH YELLOW TEXT "NO PARKING - FIRE LANE" AT 50' INTERVALS.
- ALL PAVEMENT MARKINGS ON SITE MAY BE EITHER THERMOPLASTIC OR ALKYD-RESIN TYPE PAINT, EXCEPT CROSSWALKS. THEY MUST BE THERMOPLASTIC.
- ALL SIGNAGE SHALL BE FIELD STAKED AND THE LOCATIONS APPROVED BY CLH DESIGN PRIOR TO SIGN INSTALLATION.
- CENTER ALL DIRECTIONAL ARROWS WITHIN TRAVEL LANE.

- GENERAL NOTES**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN OF CHAPEL HILL STANDARDS AND SPECIFICATIONS.
  - ALL DIMENSIONS SHOWN ARE TO FACE OF CURB AND FACE OF BUILDING WALL, UNLESS OTHERWISE SHOWN.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS SHOWN AND CONTACT THE ARCHITECT IF ANY DISCREPANCIES OCCUR.
  - CONSTRUCTION STAKE OUT IS THE RESPONSIBILITY OF THE CONTRACTOR.
  - PAVEMENT MARKINGS AND SIGNAGE SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
  - ALL PARKING SPACES SHALL BE 18.5'x8.5' MIN.
  - (AC) DENOTES ACCESSIBLE PARKING SPACE.
  - (VAC) DENOTES VAN ACCESSIBLE PARKING SPACE.
  - (C) DENOTES COMPACT PARKING SPACE.
  - ALL RADII ARE 3' UNLESS OTHERWISE NOTED.

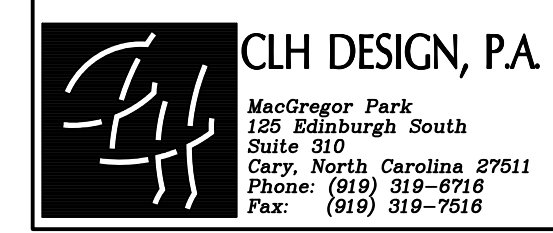


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UNC HOSPITALS  
IMAGING &  
OUTPATIENT CENTER  
1350 RALEIGH ROAD  
CHAPEL HILL, NC 27514



PROJECT NO.	7581-00	
DRAWN BY	---	
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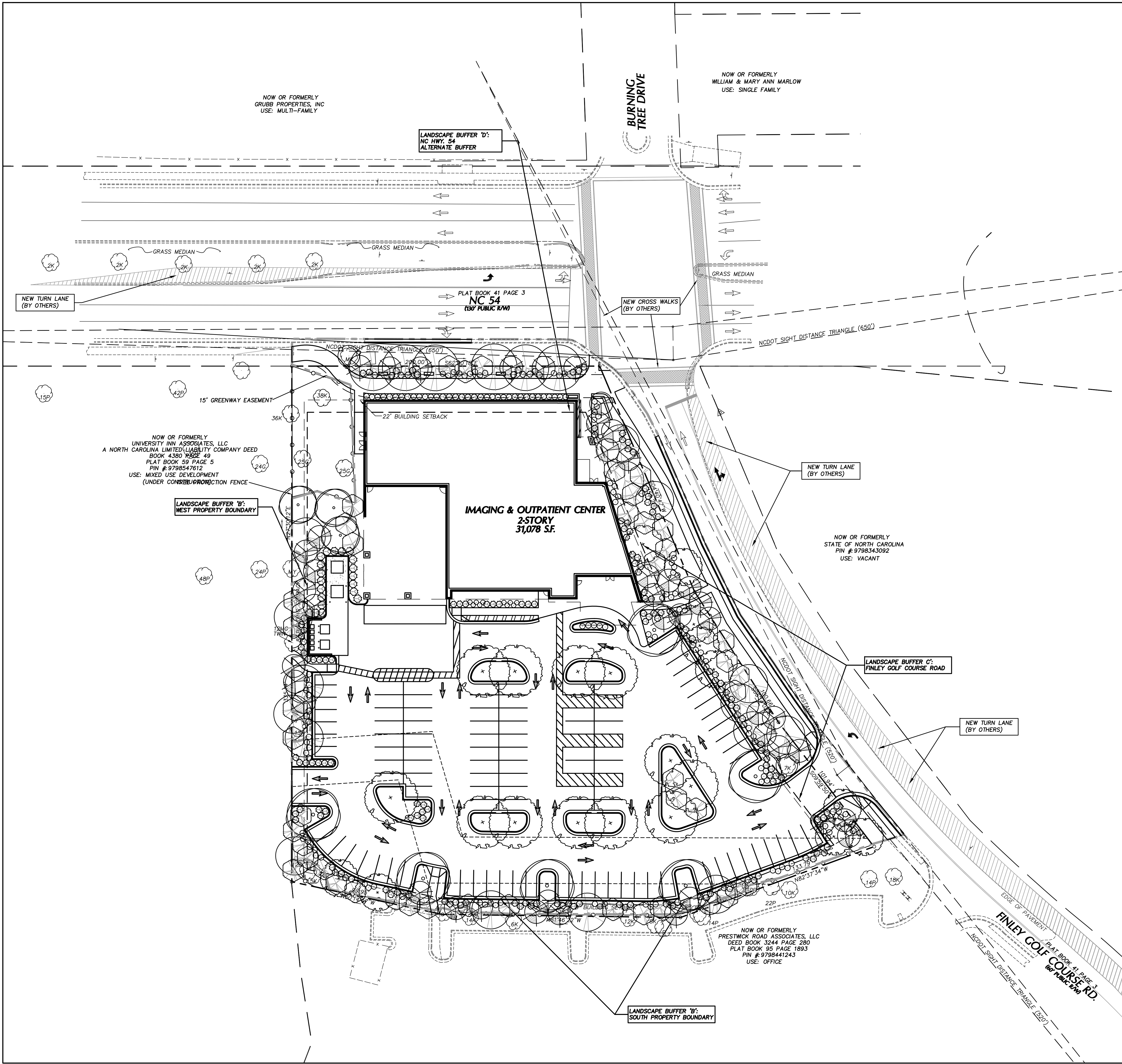
SHEET TITLE  
**PROPOSED SITE PLAN**

SHEET NUMBER  
**C201**

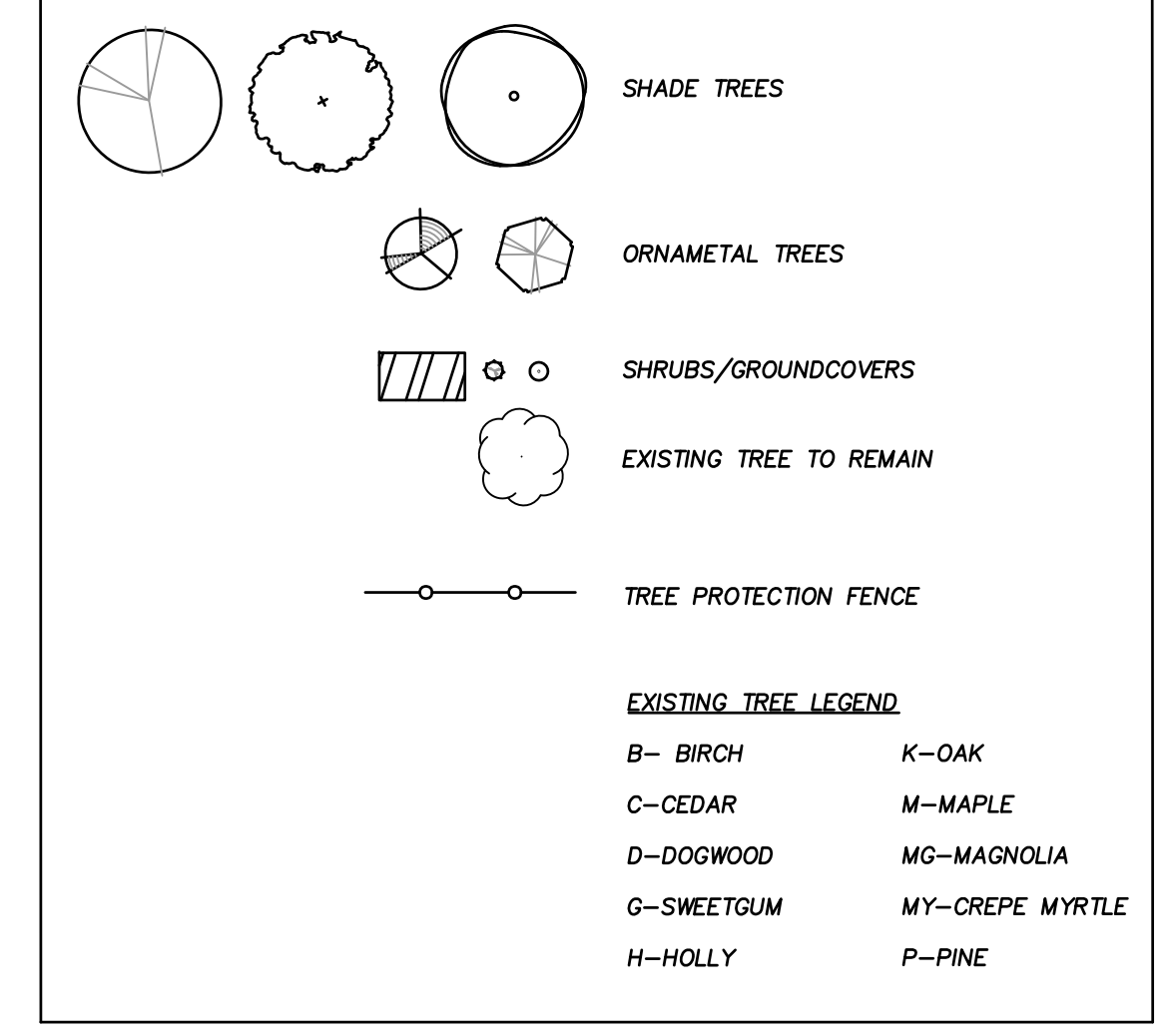








**PLANTING LEGEND**



**LANDSCAPE CALCULATIONS**

**DETAIL 1: LANDSCAPE BUFFER 'B' - MINIMUM WIDTH 10'**

4 LARGE TREES PER 100 LINEAR FEET  
 7 SMALL TREES PER 100 LINEAR FEET  
 12 SHRUBS PER 100 LINEAR FEET

WEST PROPERTY LINE: 314.14 LINEAR FEET

<b>PLANTINGS REQUIRED:</b>	<b>PLANTINGS PROVIDED:</b>
13 LARGE TREES	10 NEW LARGE TREES + 3 EXISTING LARGE TREES
22 SMALL TREES	21 SMALL TREES + 1 EXISTING SMALL TREE
38 SHRUBS	38 SHRUBS

SOUTH PROPERTY LINE: 317.81 LINEAR FEET

<b>PLANTINGS REQUIRED:</b>	<b>PLANTINGS PROVIDED:</b>
13 LARGE TREES	9 NEW LARGE TREES + 4 EXISTING LARGE TREES
23 SMALL TREES	23 SMALL TREES
39 SHRUBS	64 SHRUBS

**DETAIL 2: LANDSCAPE BUFFER 'C' - MINIMUM WIDTH 20'**

5 LARGE TREES PER 100 LINEAR FEET  
 10 SMALL TREES PER 100 LINEAR FEET  
 36 SHRUBS PER 100 LINEAR FEET

FINLEY GOLF COURSE ROAD: 331.41 LINEAR FEET OF STREET FRONTAGE

<b>PLANTINGS REQUIRED:</b>	<b>PLANTINGS PROVIDED:</b>
17 LARGE TREES	16 NEW LARGE TREES + 1 EXISTING LARGE TREE
34 SMALL TREES	34 NEW SMALL TREES
120 SHRUBS	120 SHRUBS

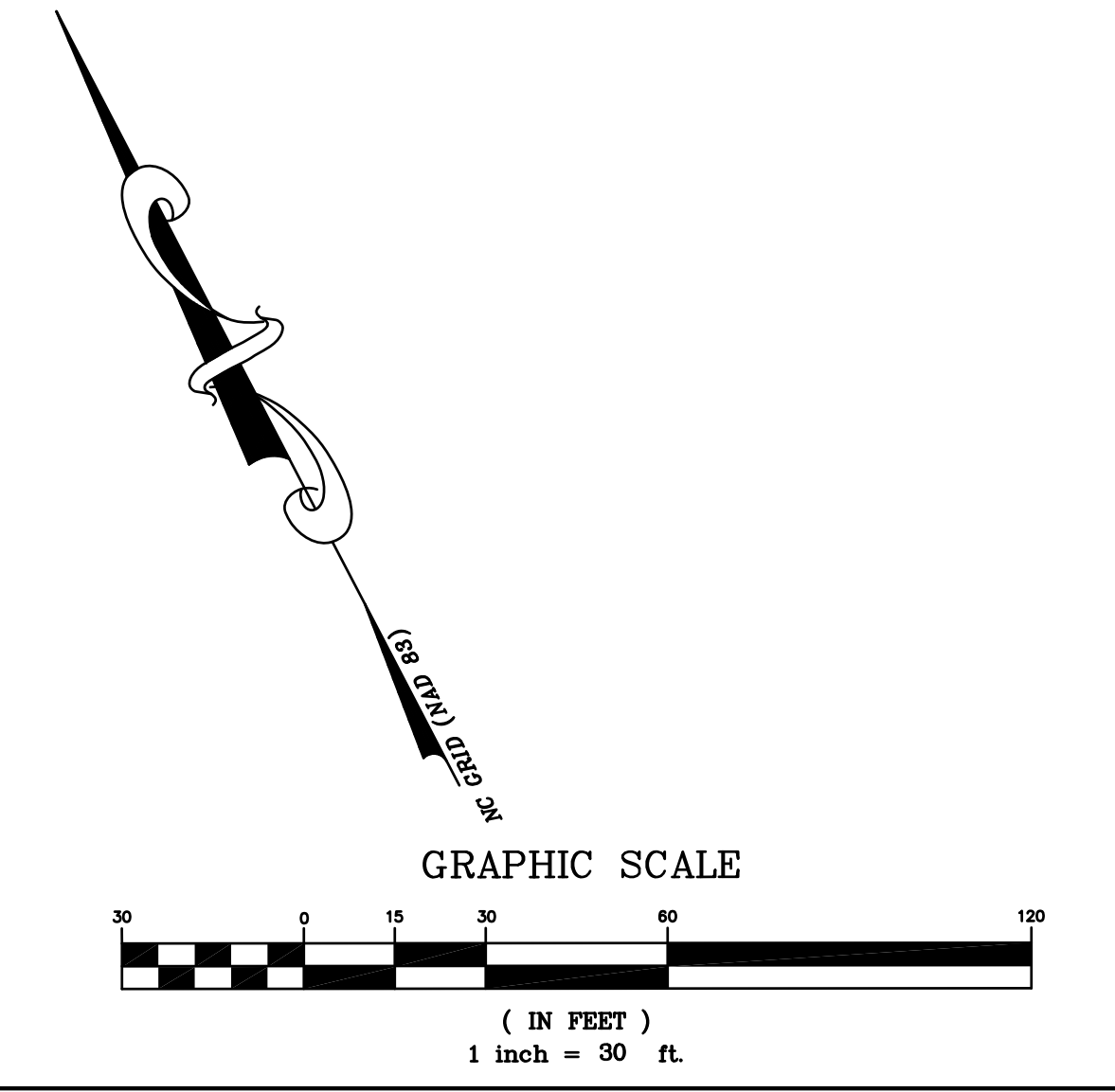
**DETAIL 3: LANDSCAPE BUFFER 'D' - ALTERNATE BUFFER**

6 LARGE TREES PER 100 LINEAR FEET  
 12 SMALL TREES PER 100 LINEAR FEET  
 40 SHRUBS PER 100 LINEAR FEET

NC HWY 54: 200 LINEAR FEET OF STREET FRONTAGE

<b>PLANTINGS REQUIRED:</b>	<b>PLANTINGS PROVIDED:</b>
12 LARGE TREES	*6 NEW LARGE TREES + 1 EXISTING LARGE TREE
24 SMALL TREES	*9 SMALL TREES
80 SHRUBS	*70 SHRUBS

\* BUILDING FACADE SERVES AS SCREEN FOR ALTERNATE BUFFER.



**BJAC**

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**PRELIMINARY**

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**UNC HEALTH CARE**

**UNC HOSPITALS IMAGING & OUTPATIENT CENTER**

1350 RALEIGH ROAD  
 CHAPEL HILL, NC 27514

**CLH DESIGN, PA**

MacGregor Park  
 185 Edinborough South  
 Suite 310  
 Cary, North Carolina 27511  
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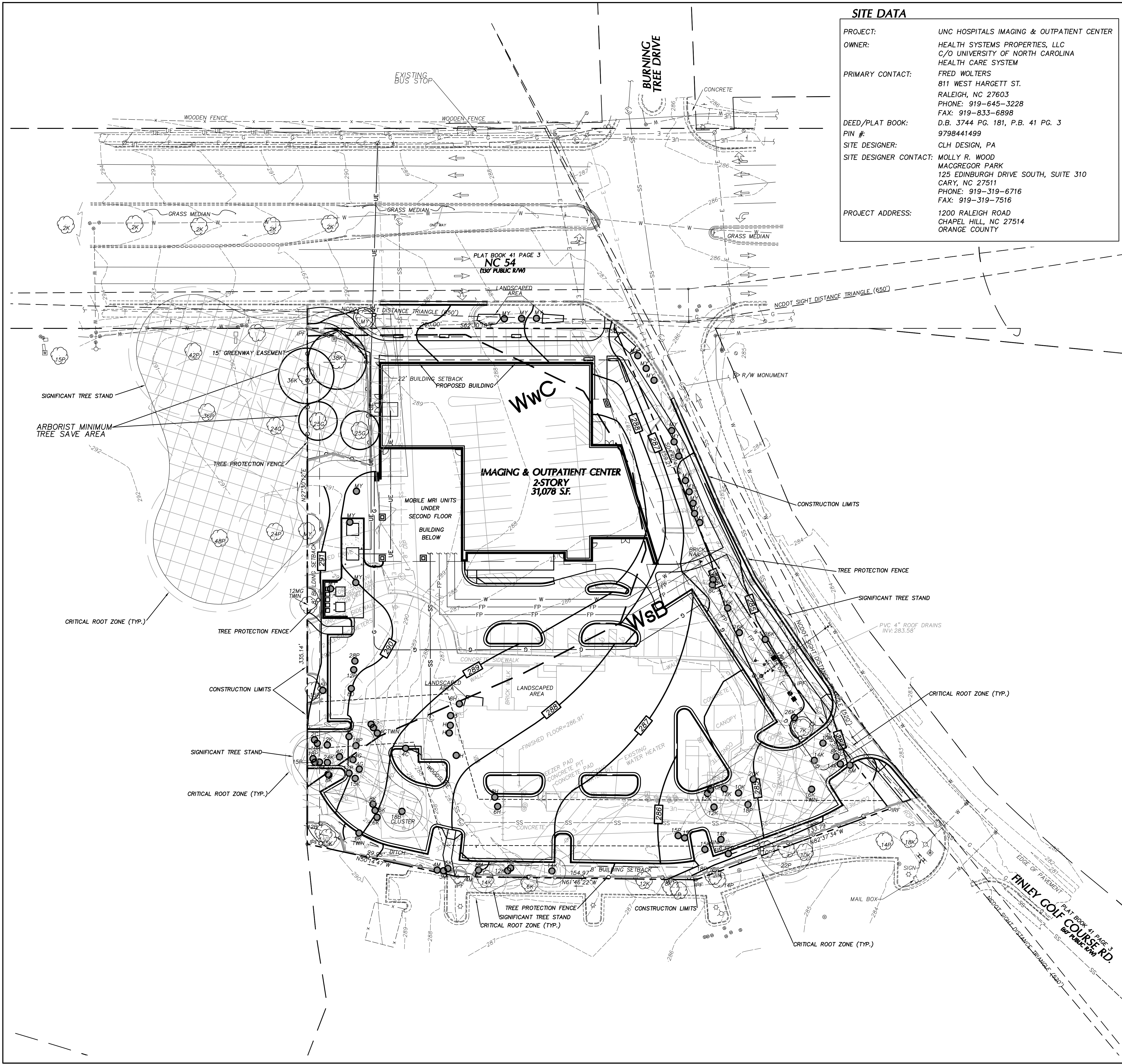
PROPOSED LANDSCAPE PLAN AND BUFFERS

**SHEET NUMBER**

**C401**

ATTACHMENT 10





**SITE DATA**

PROJECT: UNC HOSPITALS IMAGING & OUTPATIENT CENTER  
 OWNER: HEALTH SYSTEMS PROPERTIES, LLC  
 C/O UNIVERSITY OF NORTH CAROLINA HEALTH CARE SYSTEM

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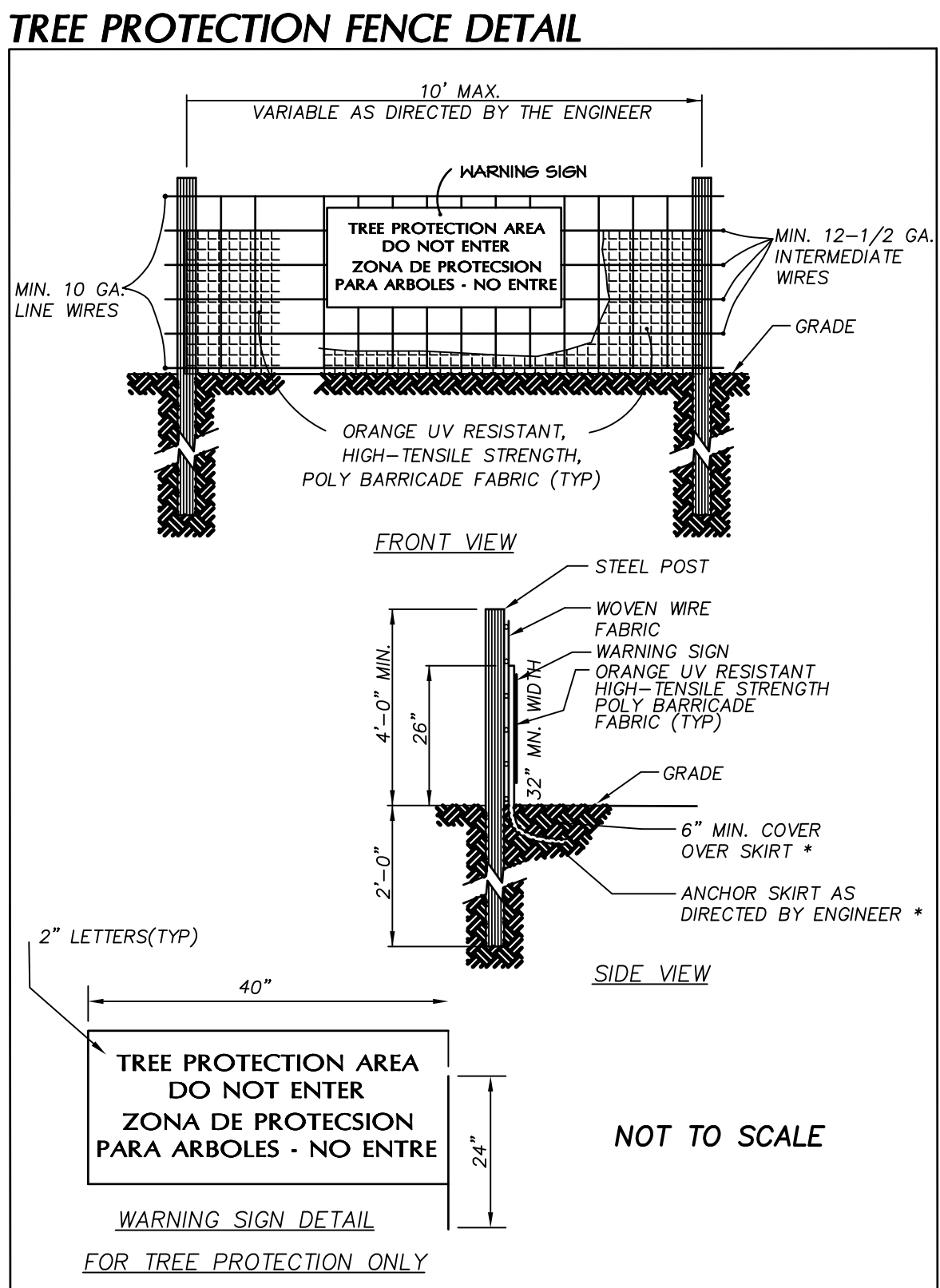
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 FAX: 919-319-7516

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 CHAPEL HILL, NC 27514  
 ORANGE COUNTY

**LEGEND**

EXISTING TREE TO REMAIN		<b>TREE LEGEND</b>
INDIVIDUAL TREE TO BE REMOVED		B- BIRCH
CRITICAL ROOT ZONES		C- CEDAR
CONSTR./CLEARING LIMITS		D- DOGWOOD
EXISTING CONTOURS		G- SWEETGUM
FINAL CONTOURS		H- HOLLY
TREE PROTECTION FENCE		K- OAK
SIGNIFICANT TREE STAND		M- MAPLE
		MG- MAGNOLIA
		MY- CREPE MYRTLE
		P- PINE

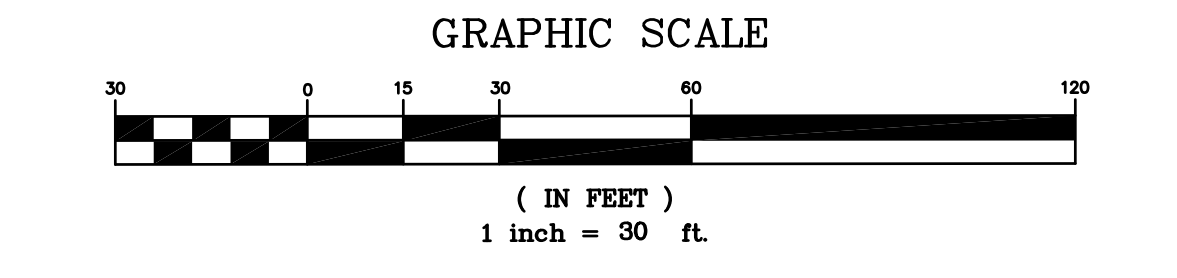


- NOTES:**
- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
  - LETTERS TO BE 3" HIGH MINIMUM, CLEARLY LEGIBLE AND SPACED AS DETAILED.
  - SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS.
  - PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER THEREAFTER.
  - FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
  - ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
  - MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.

- LANDSCAPE PROTECTION NOTES**
- A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE PROJECT MANAGER AND THE TOWN'S URBAN FORESTER PRIOR TO BEGINNING SITE WORK.
  - ANY TREE ROOTS EXPOSED BY CONSTRUCTION WILL BE SEVERED CLEANLY WITH AN APPROPRIATE PRUNING TOOL.
  - THE SOIL WITHIN THE CRITICAL ROOT ZONES OF EXISTING TREES WILL NOT BE DRIVEN ON OR OTHERWISE DISTURBED DURING THE INSTALLATION OF LANDSCAPING.
  - A LANDSCAPE PROTECTION SUPERVISOR WHO IS REGISTERED WITH THE TOWN OF CHAPEL HILL WILL BE PRESENT ON SITE AT ALL TIMES WHEN THE FOLLOWING ACTIVITIES ARE TAKING PLACE: CLEARING, GRUBBING, EXCAVATION, GRADING, TRENCHING, MOVING OF SOIL, INSTALLATION AND REMOVAL OF TREE PROTECTION FENCING, AND THE DELIVERY, TRANSPORTING AND PLACEMENT OF CONSTRUCTION MATERIALS AND EQUIPMENT.
  - DISTURBED AREA 104,736 SF - 2.4AC

THIS PARCEL IS NOT LOCATED WITHIN THE RESOURCE CONSERVATION DISTRICT AS DEFINED IN THE CHAPEL HILL DEVELOPMENT ORDINANCE/LAND USE MANAGEMENT ORDINANCE.\*

\*AS NOTED ON SURVEY DATED APRIL 16, 2008, COMPLETED BY DEWBERRY & DAVIS, INC.



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**UNC HOSPITALS IMAGING & OUTPATIENT CENTER**

1350 RALEIGH ROAD  
 CHAPEL HILL, NC 27514



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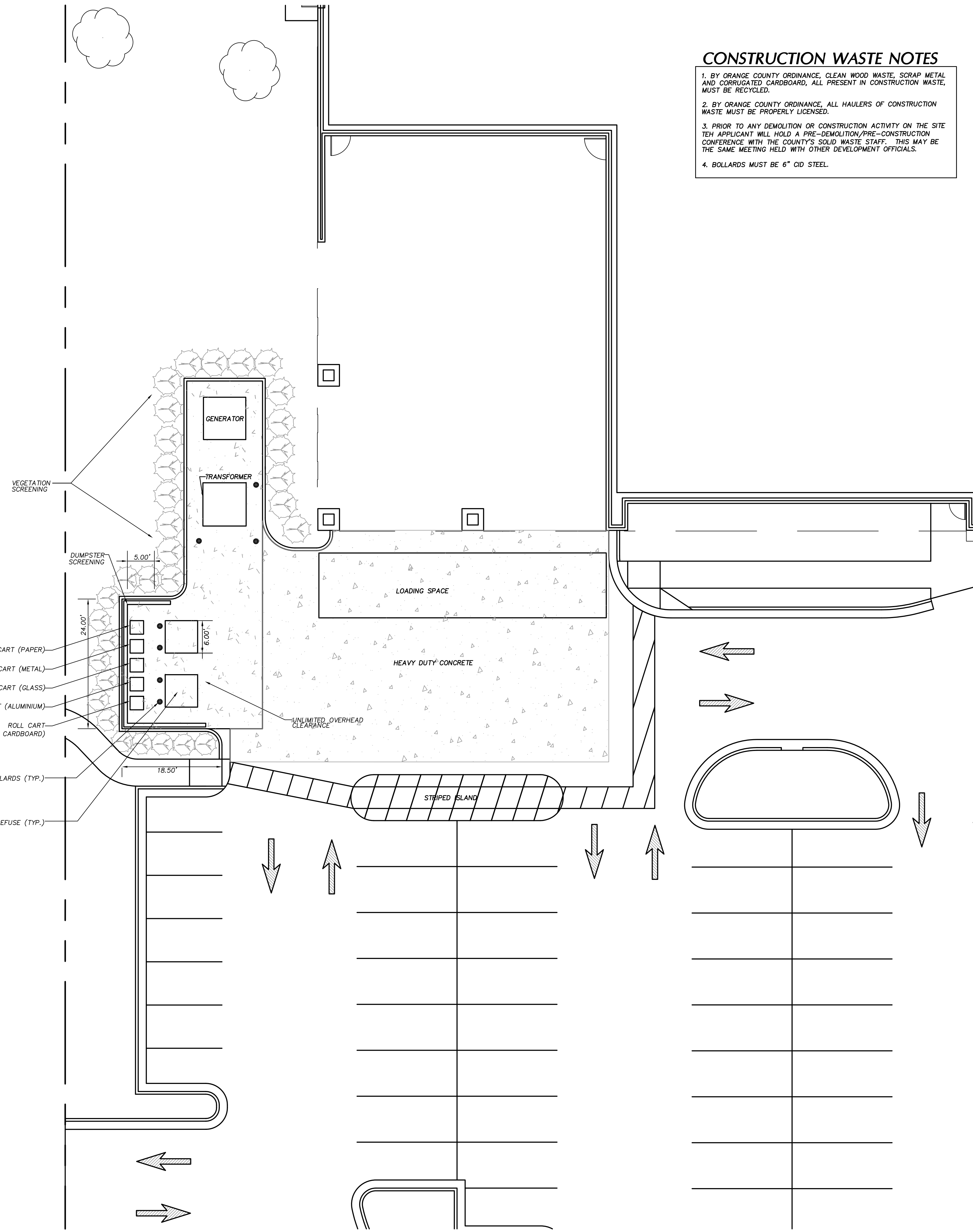
SHEET TITLE

LANDSCAPE PROTECTION PLAN

SHEET NUMBER

**C501**



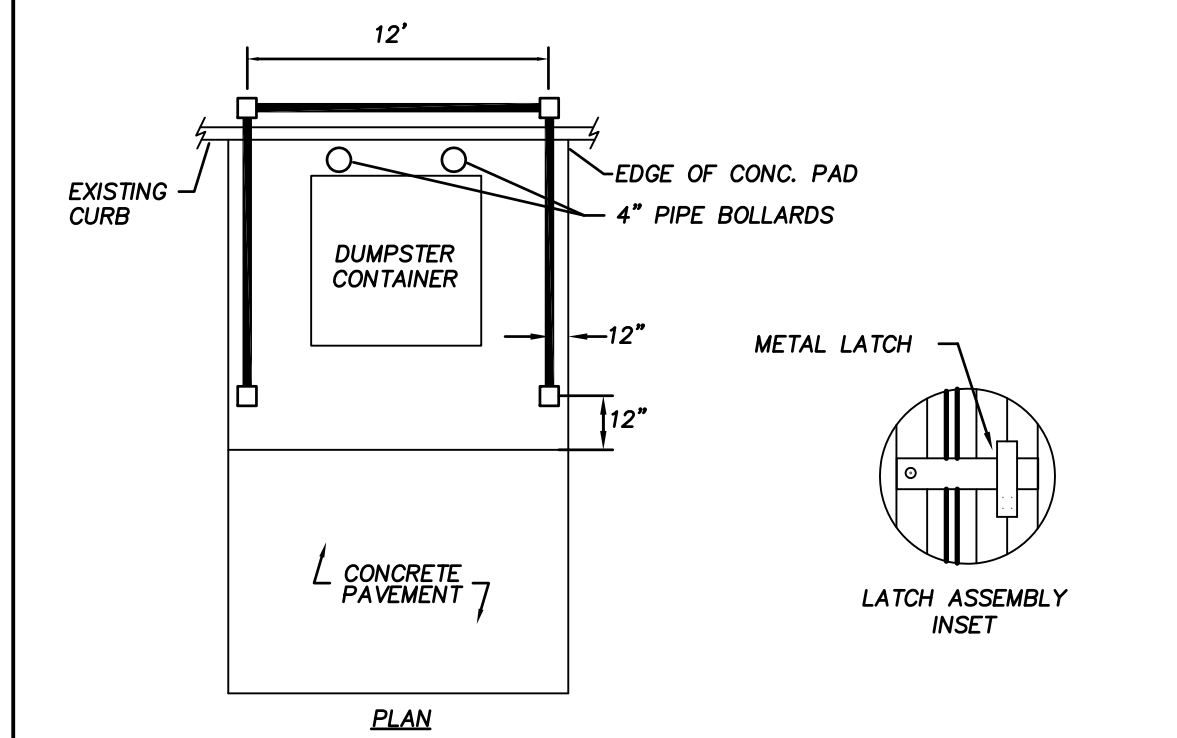
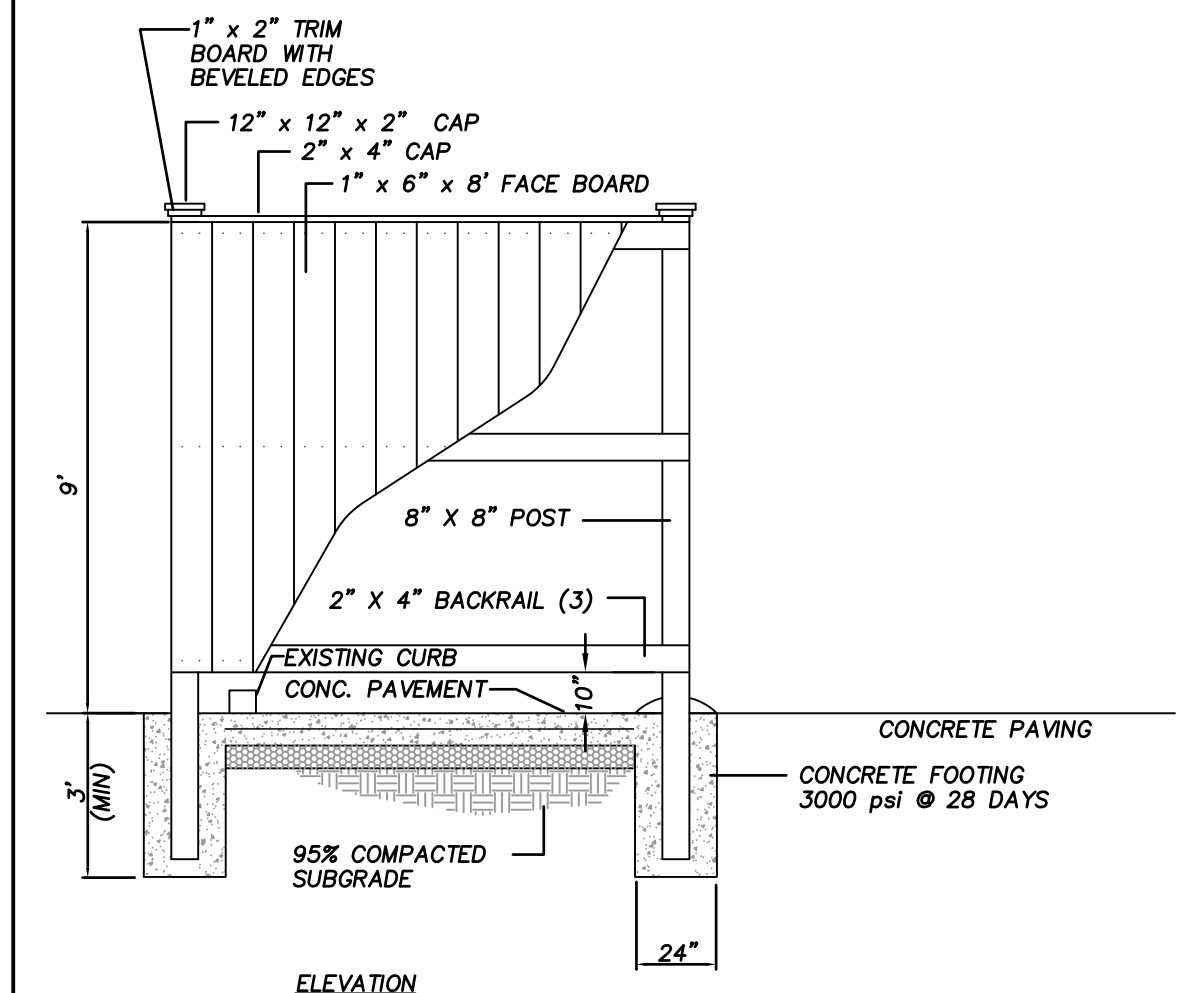


**CONSTRUCTION WASTE NOTES**

1. BY ORANGE COUNTY ORDINANCE, CLEAN WOOD WASTE, SCRAP METAL AND CORRUGATED CARDBOARD, ALL PRESENT IN CONSTRUCTION WASTE, MUST BE RECYCLED.
2. BY ORANGE COUNTY ORDINANCE, ALL HAULERS OF CONSTRUCTION WASTE MUST BE PROPERLY LICENSED.
3. PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE THE APPLICANT WILL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH THE COUNTY'S SOLID WASTE STAFF. THIS MAY BE THE SAME MEETING HELD WITH OTHER DEVELOPMENT OFFICIALS.
4. BOLLARDS MUST BE 6" CID STEEL.

**SITE DATA**

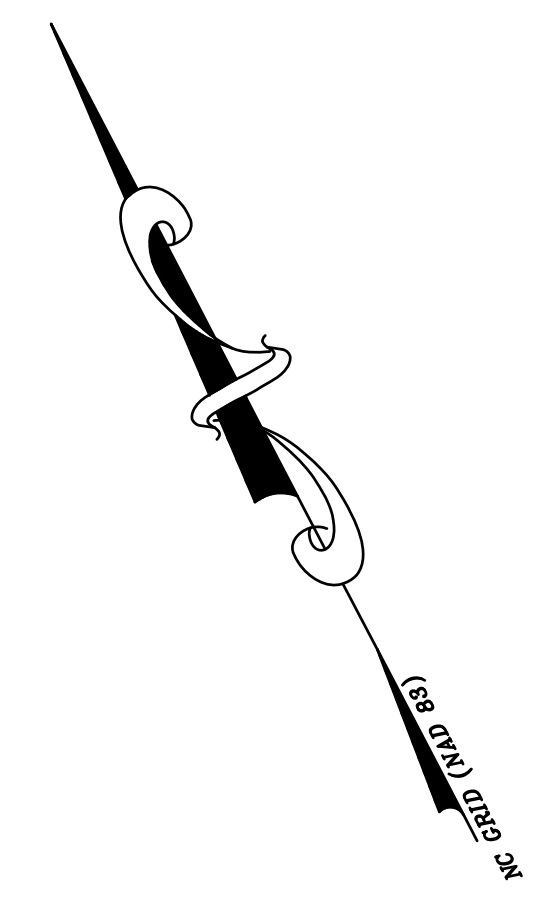
PROJECT: UNC HOSPITALS IMAGING & OUTPATIENT CENTER  
 OWNER: HEALTH SYSTEMS PROPERTIES, LLC  
 C/O UNIVERSITY OF NORTH CAROLINA  
 HEALTH CARE SYSTEM  
 FRED WOLTERS  
 811 WEST HARGETT ST.  
 RALEIGH, NC 27603  
 PHONE: 919-645-3228  
 FAX: 919-645-6898  
 DEED/PLAT BOOK: D.B. 3744 PG. 181, P.B. 41 PG. 3  
 PIN #: 9798441499  
 SITE DESIGNER: CLH DESIGN, PA  
 SITE DESIGNER CONTACT: MOLLY R. WOOD  
 MACGREGOR PARK  
 125 EDINBURGH DRIVE SOUTH, SUITE 310  
 CARY, NC 27511  
 PHONE: 919-319-6716  
 FAX: 919-319-7516  
 PROJECT ADDRESS: 1200 RALEIGH ROAD  
 CHAPEL HILL, NC 27514  
 ORANGE COUNTY



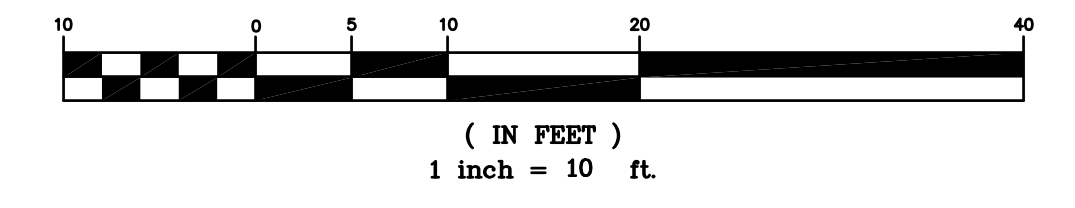
**DUMPSTER SCREEN DETAIL**

**NOTES:**

1. ALL WOOD SHALL BE NO.2 CCA PRESSURE TREATED YELLOW PINE.
2. NAILS SHALL BE O-RING GALVANIZED.
3. EXTEND CONCRETE FOOTING 2' ABOVE GRADE AND TROWEL TO A CROWN TO SHED WATER.
4. PROVIDE HEAVY DUTY LATCH ASSEMBLY.
5. H-D GALVANIZED STEEL TUBE MAY BE USED FOR GATE IN LIEU OF WOOD.
6. REFER TO CONCRETE PAVEMENT DETAIL, THIS SHEET.
7. DUMPSTER SCREEN SHALL NOT BE INSTALLED ADJACENT TO SIDEWALK FOR HANDICAP ACCESS



**GRAPHIC SCALE**



PRELIMINARY

NOT FOR CONSTRUCTION REVIEW AND COMMENTS



UNC HOSPITALS  
 IMAGING &  
 OUTPATIENT CENTER  
 1350 RALEIGH ROAD  
 CHAPEL HILL, NC 27514



PROJECT NO.	7581-00
DRAWN BY	---
CHECKED BY	---
ISSUE DATE	06/27/06
REVISIONS:	
MARK	DATE DESCRIPTION

THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. THE SCALE, WHEN INDICATED, IS FOR GENERAL REFERENCE ONLY.

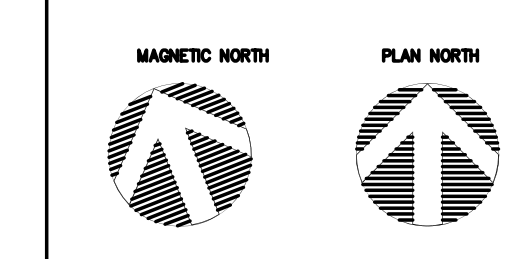
SHEET TITLE  
 REFUSE/RECYCLING  
 COLLECTION AREA  
 DETAIL  
 SHEET NUMBER  
 C601



PRELIMINARY  
 INSERT SEAL HERE  
 NOT FOR CONSTRUCTION  
 REVIEW AND COMMENTS

**RDK ENGINEERS**  
 5310 SOUTH ALSTON AVENUE-SUITE 230  
 DURHAM, NC 27715  
 Phone: (919) 460-1448  
 Fax: (919) 460-1254  
 PW J&P 0802.00

Imaging & Outpatient Center  
 1350 Raleigh Rd.  
 Chapel Hill, NC 27514

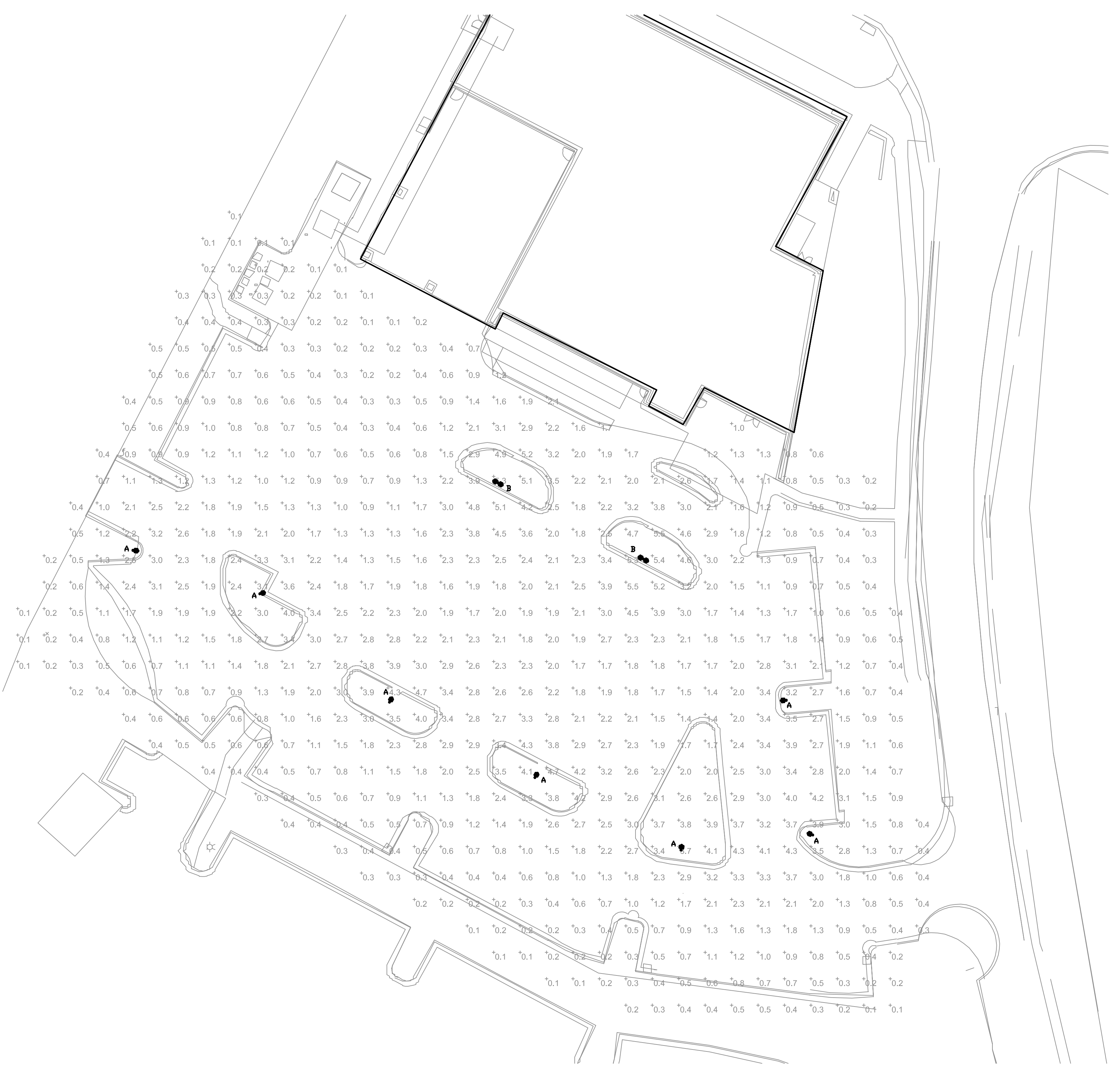


PROJECT NUMBER	7041-00
DRAWN BY	ESM
CHECKED BY	JCL
ISSUE DATE	06/26/08
REVISIONS	MARK DATE DESCRIPTION

THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES. THE SCALE, WHEN INDICATED, IS FOR GENERAL REFERENCE ONLY.

SHEET TITLE  
**SITE LIGHTING CALCULATIONS**

SHEET NUMBER  
**SL.1**



1 PARKING LOT LIGHTING CALCULATIONS  
 NOT TO SCALE

**LITHONIA LIGHTING**  
**AERIS AS2**  
 Architectural Area & Roadway Luminaires  
**AS2**  
 METAL HALIDE: 200W-400W  
 HIGH PRESSURE SODIUM: 200W-400W  
 10' to 35' Mounting

**FEATURES & SPECIFICATIONS**  
**INTENDED USE** — Streets, walkways, parking lots and surrounding areas.  
**CONSTRUCTION** — Rugged, 6063-T5 aluminum housing with minimal wall thickness of .05". Die-cast door frame has impact-resistant, tempered glass lens (3/16" thick). Door frame is fully gasketed with one-piece tubular silicone. US Patent No. 6,947,598; Canada Patent No. 9,928.  
**OPTICAL SYSTEM** — Asymmetrical segmented reflectors for superior uniformity and control. Reflectors attach with tool-less fasteners and are rotatable and interchangeable. Five full cutoff distributions available: Type II (roadway), Type III (symmetric), Type IV (forward throw), Type IV (wide, forward throw) and Type V (symmetric square).  
**ELECTRICAL SYSTEM** — Ballast: Constant wattage subtransformer ballast standard. Super CWA gel-drystart ballast required 200W, 320W and 500W (SCWA option). Ballast is copper-wound and 100% factory-tested. All ballasts are mounted on a removable power tray with tool-less latch and have positive locking disconnect plugs.  
**Socket**: Porcelain, horizontally-mounted, mogul-base socket with copper alloy, die-cast-aluminum screw shell and center contact.  
**INSTALLATION** — Integral arm for pole or wall mounting. Optional mountings available.  
**LISTING** — UL Listed (standard), CSA Certified (see Options). UL listed for 25°C ambient and wind locations. IP65 listed.  
 NOTE: Specifications subject to change without notice.

**ORDERING INFORMATION** For shortest lead times, configure product using **standard options (shown in bold)**.  
 Example: AS2 250M SR3 TB SPA LPI

AS2	Mounting	Ballast	Options	Finish	Lamp
AS2 Metal Halide	SPA Square pole mounting	Magnetic ballast	Clear coat finish	Black	LPI Lamp
200W	200'	200'	200'	200'	200'
250M	RPA Round pole mounting	CVT Constant wattage ballast	Clear coat finish	Black	LPS Lamp
200W	200'	200'	200'	200'	200'
500W	VSA Wall bracket top or down	CVT Constant wattage ballast	Clear coat finish	Black	LPS Lamp
500W	500'	500'	500'	500'	500'
High Pressure Sodium	SPA Square pole mounting	Super CWA gel-drystart ballast	Clear coat finish	Black	LPI Lamp
200W	200'	200'	200'	200'	200'
320W	320'	320'	320'	320'	320'
500W	500'	500'	500'	500'	500'

**Notes:**  
 1. Lower wattages available. Contact factory.  
 2. Must be ordered with SCWA.  
 3. Must use reduced socket temp.  
 4. Not available with SCWA.  
 5. Must specify CWT for use in Canada.  
 6. Output wattage limited (200, 200, 240, 270, 300, 330, 360, 390, 420, 450, 480, 510, 540, 570, 600, 630, 660, 690, 720, 750, 780, 810, 840, 870, 900, 930, 960, 990, 1020, 1050, 1080, 1110, 1140, 1170, 1200, 1230, 1260, 1290, 1320, 1350, 1380, 1410, 1440, 1470, 1500, 1530, 1560, 1590, 1620, 1650, 1680, 1710, 1740, 1770, 1800, 1830, 1860, 1890, 1920, 1950, 1980, 2010, 2040, 2070, 2100, 2130, 2160, 2190, 2220, 2250, 2280, 2310, 2340, 2370, 2400, 2430, 2460, 2490, 2520, 2550, 2580, 2610, 2640, 2670, 2700, 2730, 2760, 2790, 2820, 2850, 2880, 2910, 2940, 2970, 3000, 3030, 3060, 3090, 3120, 3150, 3180, 3210, 3240, 3270, 3300, 3330, 3360, 3390, 3420, 3450, 3480, 3510, 3540, 3570, 3600, 3630, 3660, 3690, 3720, 3750, 3780, 3810, 3840, 3870, 3900, 3930, 3960, 3990, 4020, 4050, 4080, 4110, 4140, 4170, 4200, 4230, 4260, 4290, 4320, 4350, 4380, 4410, 4440, 4470, 4500, 4530, 4560, 4590, 4620, 4650, 4680, 4710, 4740, 4770, 4800, 4830, 4860, 4890, 4920, 4950, 4980, 5010, 5040, 5070, 5100, 5130, 5160, 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44490, 44520, 44550, 44580, 44610, 4464



