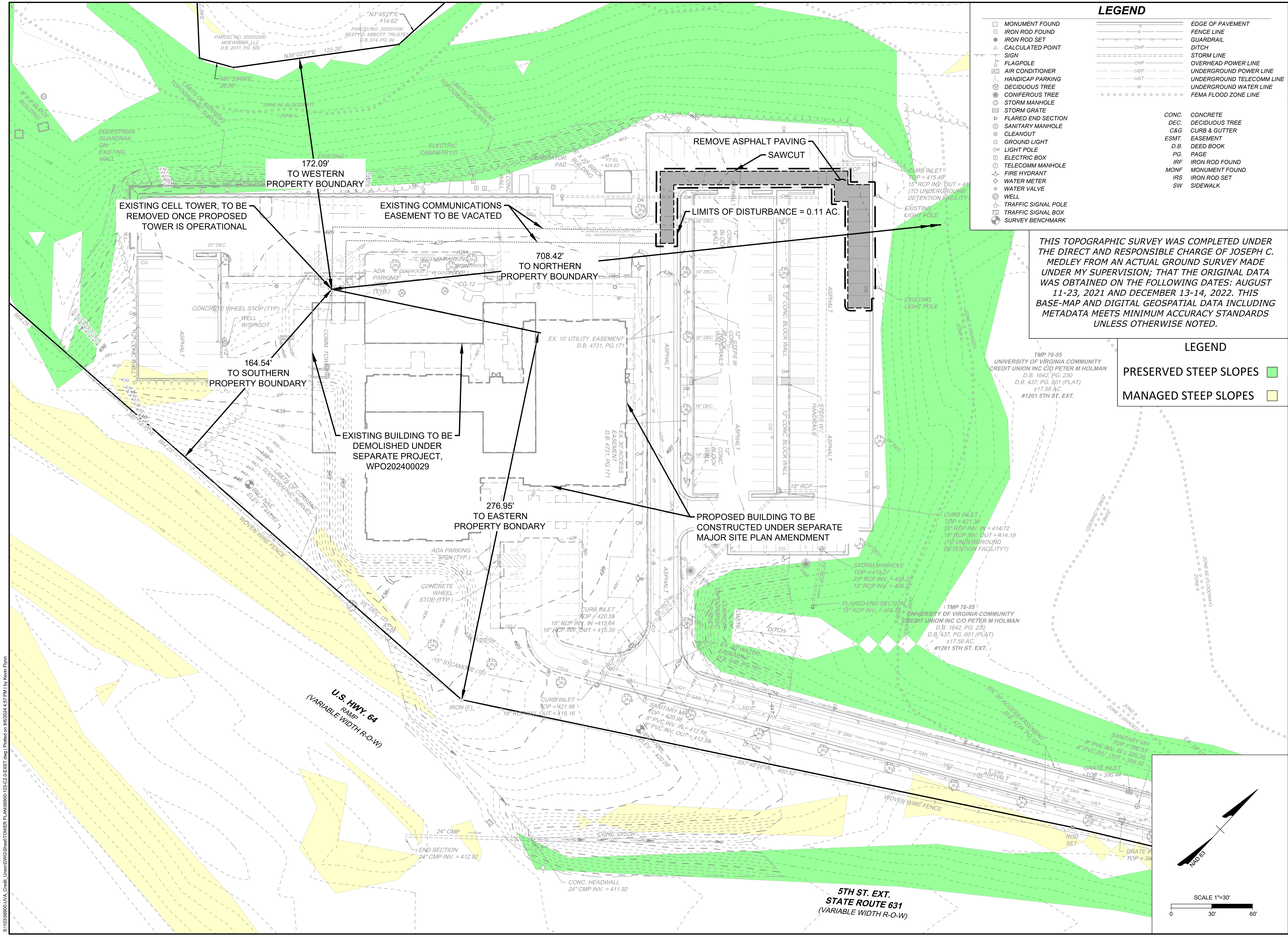




LEGEND

MONUMENT FOUND	EDGE OF PAVEMENT
IRON ROD FOUND	FENCE LINE
CALCULATED POINT	GUARDRAIL
SIGN	DITCH
FLAGPOLE	STORM LINE
AIR CONDITIONER	OVERHEAD POWER LINE
HANDICAP PARKING	UNDERGROUND POWER LINE
DECIDUOUS TREE	UNDERGROUND TELECOMM LINE
CONIFEROUS TREE	UNDERGROUND WATER LINE
STORM MANHOLE	FEMA FLOOD ZONE LINE
STORM GRATE	
FLARED END SECTION	
SANITARY MANHOLE	
CLEANOUT	
GROUND LIGHT	
LIGHT POLE	
ELECTRIC BOX	
TELECOMM MANHOLE	
FIRE HYDRANT	
WATER METER	
WATER VALVE	
WELL	
TRAFFIC SIGNAL POLE	
TRAFFIC SIGNAL BOX	
SURVEY BENCHMARK	

LEGEND

CONC.	CONCRETE
DEC.	DECIDUOUS TREE
C&G	CURB & GUTTER
ESMT.	EASEMENT
D.B.	DEED BOOK
PG.	PAGE
IRF	IRON ROD FOUND
MONF	MONUMENT FOUND
IRS	IRON ROD SET
SW	SIDEWALK

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF JOSEPH C. MEDLEY FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE ORIGINAL DATA WAS OBTAINED ON THE FOLLOWING DATES: AUGUST 11-23, 2021 AND DECEMBER 13-14, 2022. THIS BASE-MAP AND DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

LEGEND

PRESERVED STEEP SLOPES

MANAGED STEEP SLOPES

THIS DRAWING PREPARED AT THE
CHARLOTTEVILLE OFFICE
608 Preston Avenue, Suite 200 | Charlottesville, VA 22903
TEL 434.293.5624 FAX 434.293.8517 www.timmons.com

DATE	REVISION DESCRIPTION	REVISED PER COUNTY COMMENTS
09/06/2024		
07/15/2024		

UVA COMMUNITY CREDIT UNION - CELL TOWER PLAN

ALBEMARLE COUNTY, VA

EXISTING CONDITIONS & DEMOLITION PLAN

JOB NO.
63216

SHEET NO.
C2

S:\10356900-UVA_Credit_Union\DWG\Sheet\TOWER PLANS\6900-103-C2-2-EXIST.dwg [Plotted on 9/6/2024 4:57 PM] by Kevin Flynn

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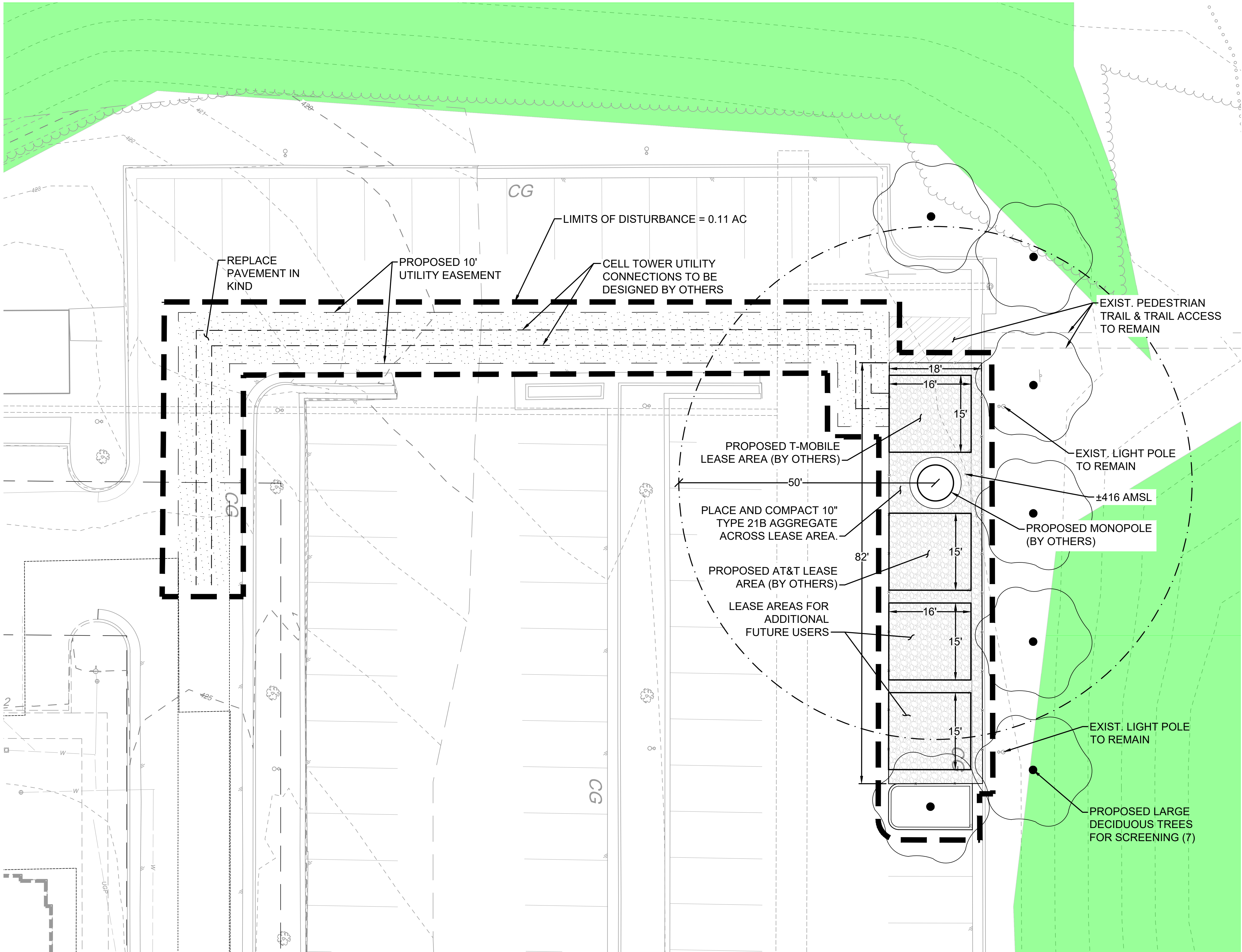
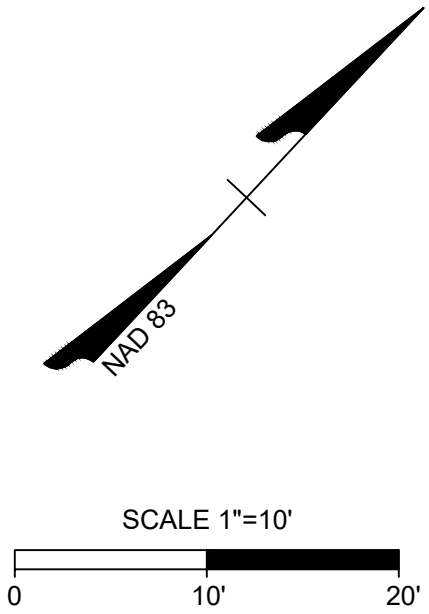
S:\10356800-UVA_Credit_Union\DWG\Sheet\TOWER PLANS\6800-103-C4_1.LAYOUT.dwg | Plotted on 9/6/2024 4:58 PM | by Kevin Flynn

NOTE:
NO EXISTING TREES ARE LOCATED WITHIN 50' OF
PROPOSED TOWER. NO TREES ARE PROPOSED
TO BE REMOVED BY THIS PLAN.

LEGEND

PRESERVED STEEP SLOPES

MANAGED STEEP SLOPES



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ALBEMARLE COUNTY, VA

UVA COMMUNITY CREDIT UNION - CELL TOWER PLAN

CONCEPT PLAN

JOB NO.
63216

SHEET NO.
C4

DATE	REVISION DESCRIPTION	REVISED PER	COUNTY COMMENTS
09/06/2024			
07/15/2024			

DRAWN BY
B. PERDUE

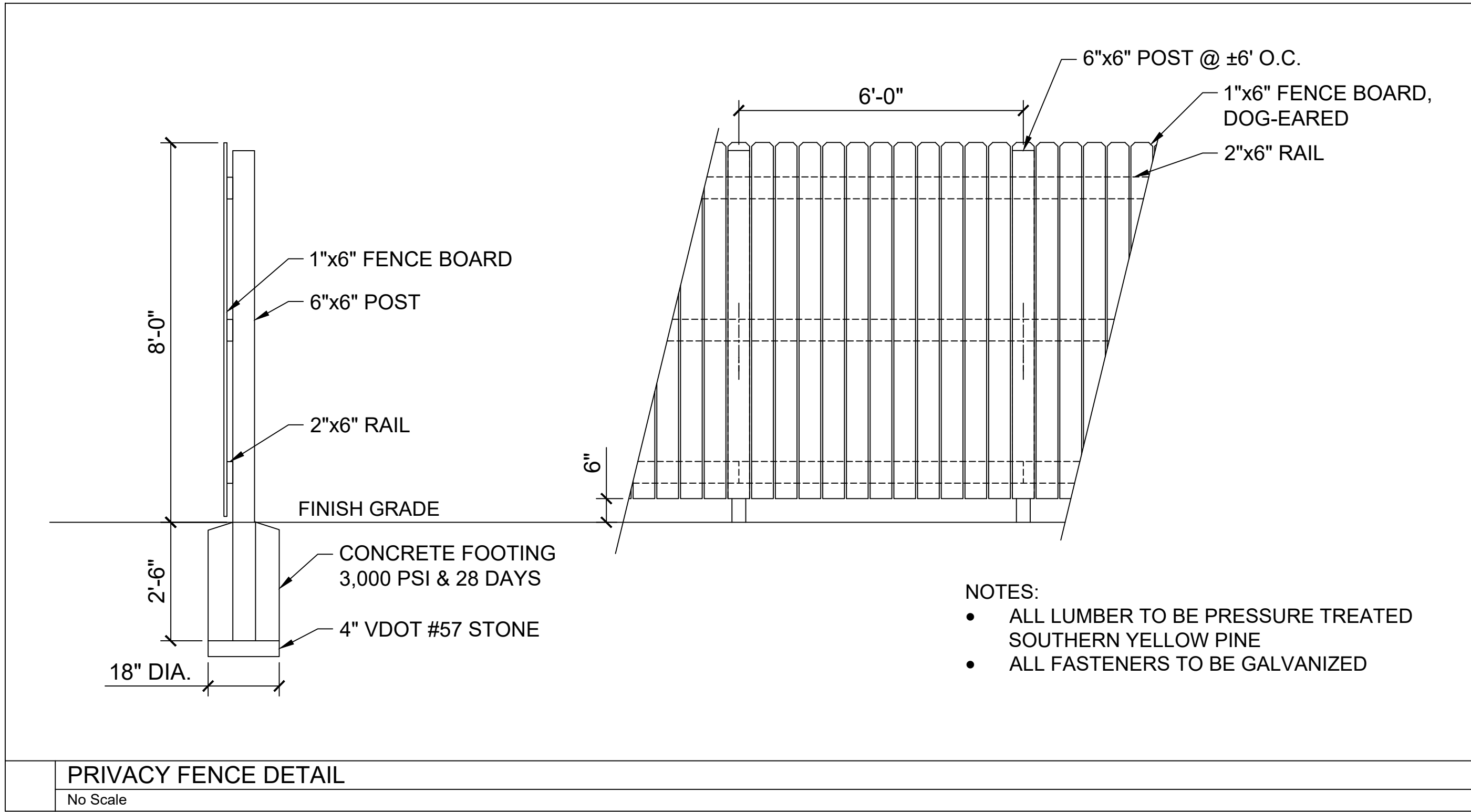
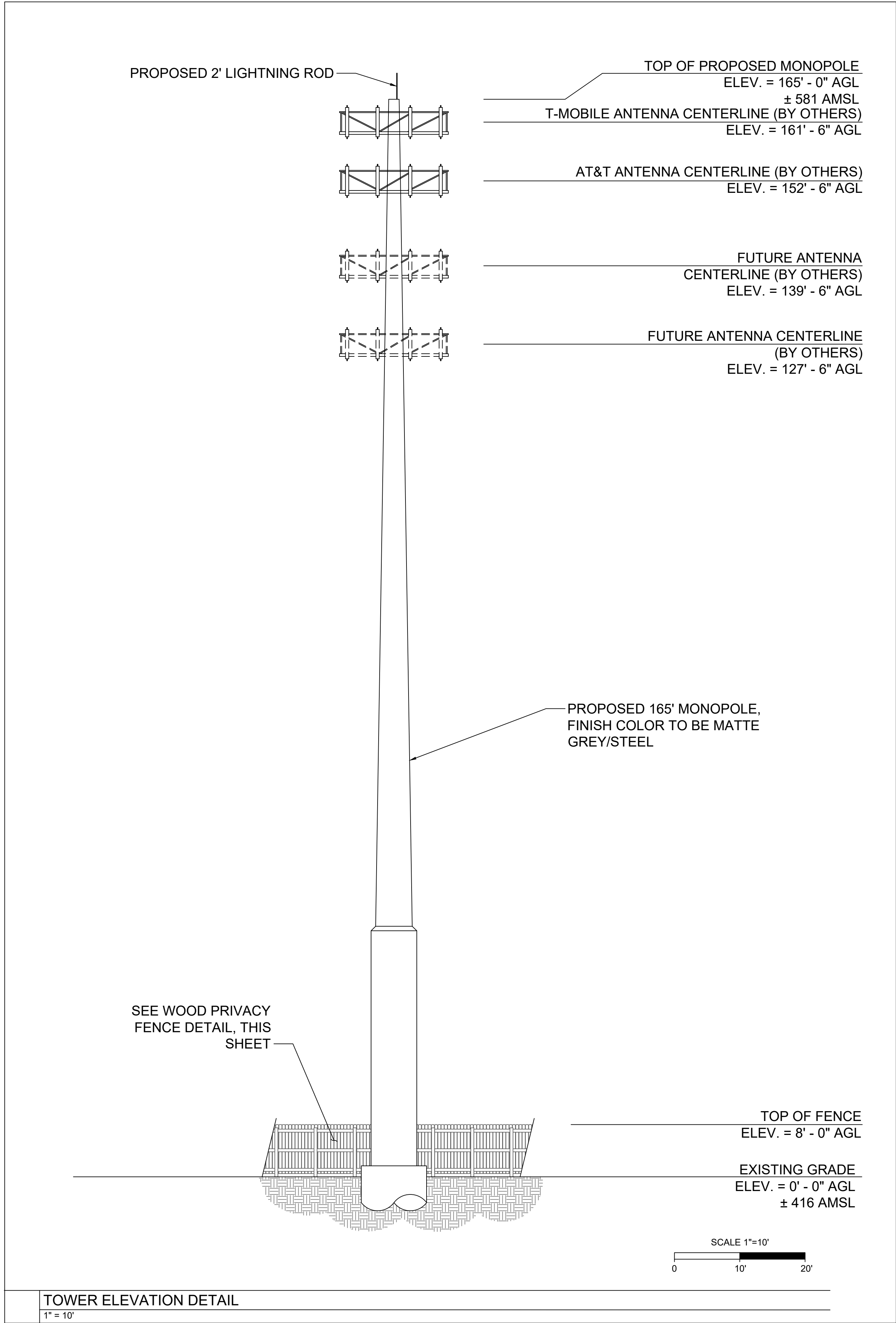
DESIGNED BY
K. FLYNN

CHECKED BY
K. FLYNN

SCALE
1" = 10'

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- NOTES:
- NUMBER OF ARRAYS, ANTENNA SIZE, DIAMETER OF MONOPOLE, AND PROJECTION FROM STRUCTURE SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTION 5.1.40 IN EFFECT AT THE TIME.
 - EACH ANTENNA AND ASSOCIATED EQUIPMENT SHALL BE A COLOR THAT MATCHES THE STRUCTURE.
 - ELEVATIONS AND MOUNTING HEIGHTS OF ANTENNA ARE ILLUSTRATIVE AND FINAL PRECISE ELEVATIONS AND MOUNTING HEIGHTS WILL BE IDENTIFIED AT BUILDING PERMIT.
 - ADDITIONAL ANTENNAS MAY BE CO-LOCATED ON MONOPOLE. PLAN IS NOT INTENDED TO LIMIT THE NUMBER OF ARRAYS.
 - OUTDOOR LIGHTING TO BE DETERMINED AT BUILDING PERMIT, HOWEVER, ANY OUTDOOR LIGHTING FOR THE FACILITY WILL BE PERMITTED ONLY DURING MAINTENANCE PERIODS; REGARDLESS OF THE LUMENS EMITTED, EACH OUTDOOR LUMINAIRE WILL BE FULLY SHIELDED AS REQUIRED BY SECTION 4.17; PROVIDED THAT THESE RESTRICTIONS WILL NOT APPLY TO ANY OUTDOOR LIGHTING REQUIRED BY FEDERAL LAW.
 - ALL GROUND EQUIPMENT WILL BE LESS THAN 8' IN HEIGHT.



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DATE	REVISION DESCRIPTION
09/06/2024	REVISED PER COUNTY COMMENTS

DATE	07/15/2024
DRAWN BY	B. PERDUE
DESIGNED BY	K. FLYNN
CHECKED BY	K. FLYNN
SCALE	1" = 10'

TIMMONS GROUP

UVA COMMUNITY CREDIT UNION - CELL TOWER PLAN
ALBEMARLE COUNTY, VA

TOWER ELEVATION DETAIL

JOB NO.	63216
SHEET NO.	C5

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PROPOSED RADIO 4480 (TYP OF 3)
(1 PER SECTOR)

PROPOSED RADIO 4460 (TYP OF 3)
(1 PER SECTOR)

PROPOSED APVAL100-43-U-M420 ANTENNA (TYP OF 3) (1 PER SECT)

PROPOSED APVAL100-43-U-M420 ANTENNA (TYP OF 3) (1 PER SECTOR)

PROPOSED T-MOBILE PLATFORM MOUNT (SABRE P/N CROSSROADS OR APPROVED EQUIVALENT) SEE APPENDIX FOR MOUNT SPECIFICATIONS

EXISTING 150' MONOPOLE

PROPOSED AR6A19 (B4) ANTENNA (TYP OF 3) (1 PER SECTOR)

Technical drawing of a battery cabinet showing dimensions and component labels:

- CLEARANCE A TOP REQUIRED FOR AC FEEDERS TO BE DETERMINED IN FIELD** (indicated by a dimension line for the top clearance).
- PROPOSED ERICSSON POWER 620 POWER SYSTEM ARRIVES MOUNTED TOP OF BATTERY CABINET** (indicated by a dimension line for the top clearance).
- PROPOSED ATTACHMENT BRACKET** (indicated by a dimension line for the top clearance).
- MOUNTING POSITION: TOP OF BATTERY RACK**
- WEIGHT:**
 - 23.95 KG (52.8 LBS)
- NOTE: TYPICAL BATTERY CABINET CLEARANCES REQUIRED**

Dimensions shown:

- Overall height: 63.0"
- Height of top section: 13.7"
- Height of middle section: 49.3"
- Height of bottom section: 16.0"
- Height of bottom section (alternative): 14.0"
- Height of bottom section (alternative): 8.0"
- Width of top section: 19.0"
- Width of middle section: 27.6"
- Width of bottom section: 23.6"

Technical drawing of the Hilti HY-200 mounting rod, showing three views: Side View, Front View, and Plan View.

- Side View:** Shows the rod's profile with a total width of 23.62" and a height of 78.70".
- Front View:** Shows the rod's profile with a total width of 23.62" and a height of 78.70".
- Plan View:** Shows the rod's top view with a width of 19.00" and a height of 23.62".

MOUNTING:
 PROPOSED 3/4" THREADED
 ROD WITH HILTI HY-200
 (4" MIN. EMBEDMENT)

[illegible]

COMMONWEALTH OF VIRGINIA
KEVIN H. HANN
Lic. No. 53836
Professional Engineer
9/6/14
65410-CEN

DATE	REVISION DESCRIPTION
09/06/2024	REVISED PER COUNTY COMMENTS

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