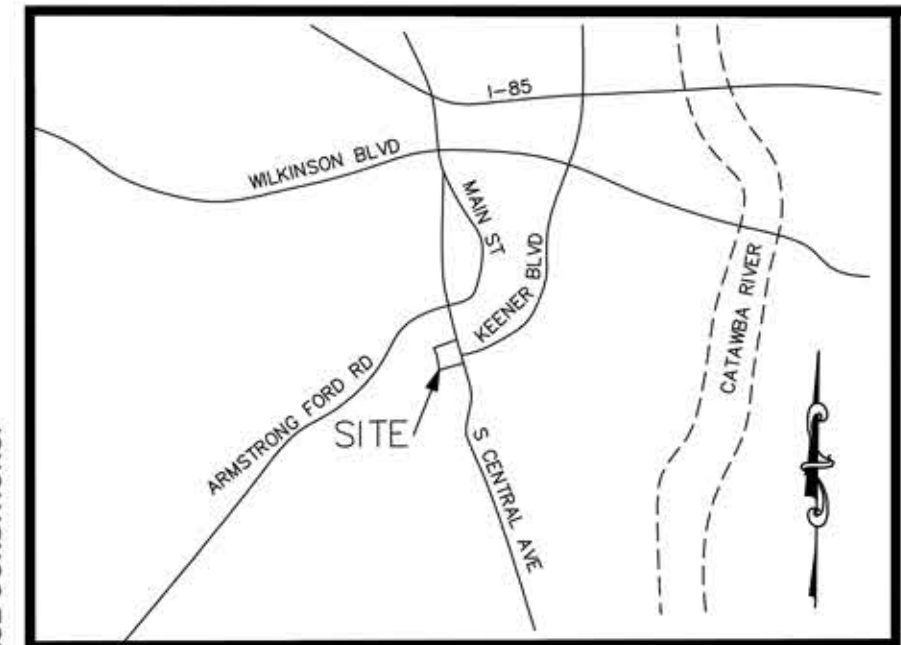
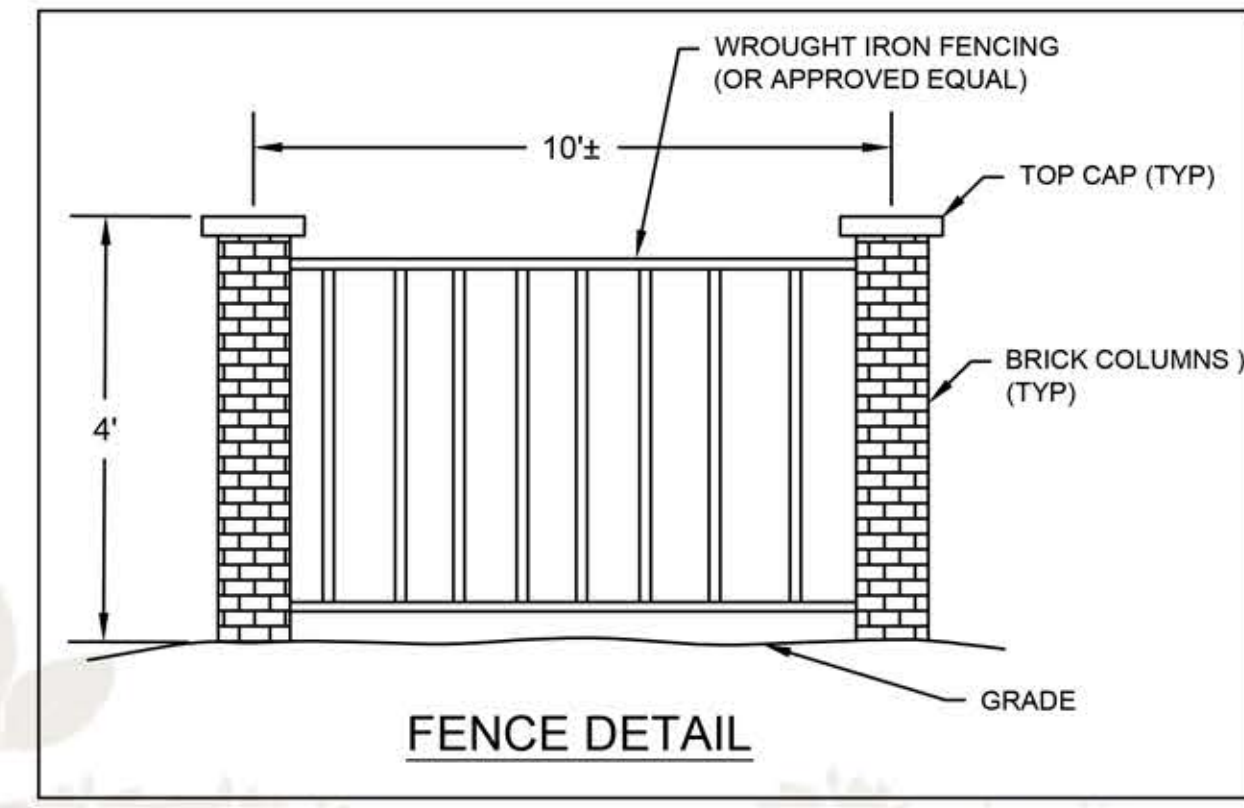


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VICINITY MAP
NOT TO SCALE



LOT SETBACKS				
LOT	WIDTHS AT FRONT SETBACK	SETBACK (20%)	SETBACK (20%) LEFT SIDE	SETBACK (20%) RIGHT SIDE
1	75'	15'	2'	13'
2	75'	15'	2'	13'
3	75'	15'	2'	13'
4	75'	15'	2'	13'
5	77'	15.4'	2'	13.4'
6	77'	15.4'	2'	13.4'
7	77'	15.4'	2'	13.4'
8	75'	15'	2'	13'
9	75'	15'	2'	13'
10	96'	19.2'	0'	19.2'
11	96'	19.2'	19.2'	0'

SITE SUMMARY:

PROJECT NAME: CENTRAL PARK SOUTH
OWNER/DEVELOPER: ALICE STOWE MATTHEWS
3500 BRENTWOOD DRIVE
GASTONIA, NC 28056

SUBJECT: 11 RESIDENTIAL LOTS
SITE ADDRESS: S. CENTRAL AVENUE, BELMONT NC
PARCEL NO: 126852, 302238
NEIGHBORHOOD NAME/OWNER ID: 48020
PIN NO.: 359405760, 3594061723
TOTAL SITE AREA: 1.61 + 4.49 = 6.10 ACRES
PROPOSED USE: RESIDENTIAL - 1.80 UNITS/ACRE
ZONING: GR - GENERAL RESIDENTIAL
DEED BOOK: 5180 PG. 0056 DEED BOOK: 5085 PG. 1118

SETBACKS: FRONT SETBACK = 20'
SIDE SETBACK = 6' OR 20% OF LOT WIDTH (WHICHEVER IS GREATER)
PROPOSED 0' SIDE YARD ON ONE SIDE & REQUIRED (15' OR 20% MIN) ON REMAINING SIDE)
REAR SETBACKS = 30'
LOT WIDTH = 68' - 75' RANGE
LOT SIZE = 8,173 SF MIN - 15,101 SF (RANGE)
LOT DEPTH = 120' MIN
PARKING PAD DEPTH= 30' MIN. FROM PL

OPEN SPACE CALCULATIONS
OPEN SPACE REQUIRED=
DENSITY = 1.80 UNITS/AC
BEDROOMS = 39 TOTAL
39 X 500 = 19,500 SF = 0.45 AC REQUIRED
OPEN SPACE PROVIDED=
OPEN SPACE AREA #1 = 12,966 SF (0.298 AC)
OPEN SPACE AREA #2 = 29,683 SF (0.681 AC)
OPEN SPACE AREA #3 = 8,425 SF (0.193 AC)
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OPEN SPACE AREA #5 = 4,499 SF (0.103 AC)
TOTAL OPEN SPACE PROVIDED = 63,482 SF (1.457 AC)
OPEN SPACE % = 23.88%

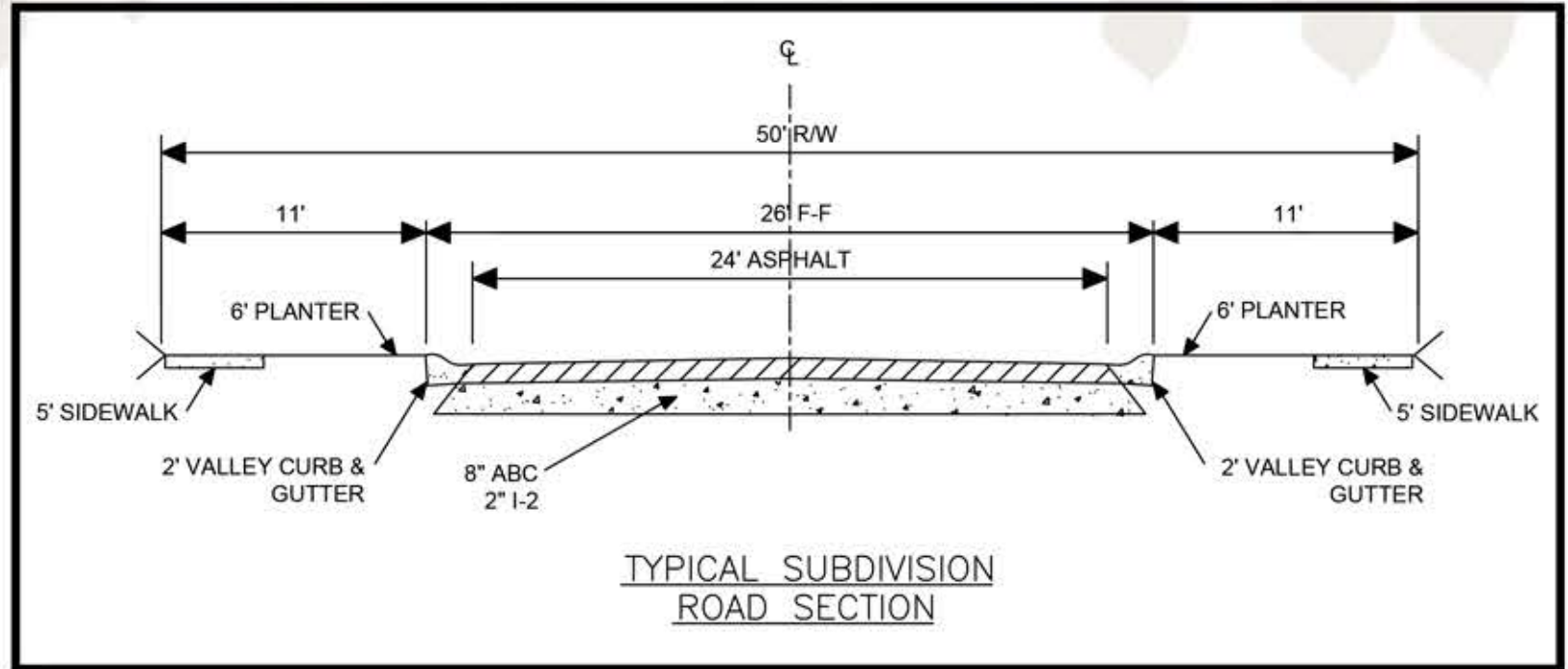
FRANKLIN S. CRAIG P.E.
CONSULTING ENGINEER
2543 Gernagles Drive
Gastonia, NC 28056
PH: (704) 812-2764



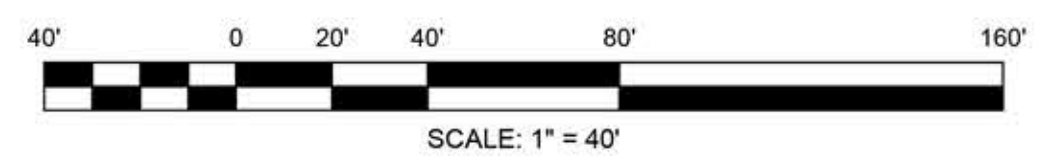
- SITE PLAN NOTES:**
1. PROPOSED SIDE YARD SETBACK = 0 ON ONE SIDE & 15' OR 20% MINIMUM ON REMAINING SIDE SETBACK (6' MIN. OR 20% WHICHEVER IS GREATER)
 2. 8" WATER LINE WILL BE EXTENDED IN WINDING WAY & CONNECT TO CENTRAL AVENUE & FAIRES AVENUE
 3. A SEWER LINE MAIN WILL EXTEND ON WINDING WAY & CONNECT INTO EXISTING SEWER LINE ON FAIRES AVENUE
 4. A MINIMUM OF 2 FIRE HYDRANTS WILL BE LOCATED IN THE COMMUNITY
 5. PROJECT START DATE - FALL 2022. PROJECT COMPLETION DATE - FALL 2023
 6. PARKING WILL BE ALLOWED ON ONE SIDE OF THE STREET
 7. STREET LIGHTING WILL BE PROVIDED FOR THE PROJECT. SPACING OF STREET LIGHTS WILL BE DETERMINED DURING ENGINEERS CONSTRUCTION DOCUMENTS PHASE
 8. STREET LIGHTS TO ALTERNATE ON EACH SIDE OF WINDING WAY (PER CITY OF BELMONT ZONING ORDINANCE CHAP. 12)
 9. STREET TREES WILL BE PROVIDED IN THE 6' PLANTING STRIP, SPACED 40' ± O.C.
 10. A 10' NEW RW SECTION WILL BE DEDICATED ALONG PROPERTY FRONTAGE (CENTRAL AVE). A 5' SIDEWALK WILL BE CONSTRUCTED AT BACK OF NEW RW ALONG CENTRAL AVE
 11. NO LEFT TURNS WILL BE ALLOWED OUT OF DEVELOPMENT. ONLY "RIGHT-IN," "RIGHT-OUT" & "LEFT-IN" TURNS WILL BE ALLOWED FOR DRIVE CONNECTION ON CENTRAL AVE
 12. A 4' FENCE WILL BE PROVIDED AROUND PERIMETER OF THE SITE
 13. 10' X 70' SIGHT TRIANGLES WILL BE PROVIDED AT ENTRANCE TO CENTRAL AVE. & FAIRES AVE
 14. REQUIRED SIGNAGE & DRIVEWAY INFRASTRUCTURE TO BE EVALUATED & APPROVED BY NCDOT DURING CONSTRUCTION PHASES.

SYMBOL LEGEND

--- RW PROPERTY LINE	ASPHALT PAVING
--- SETBACK LINE	CONCRETE PAVING
--- BUFFER LINE	SILT PROTECTION FENCING
PPF (P) IRON PIN FOUND	TREE PROTECTION FENCING
OPF (P) IRON PIN SET/UTILITY POLE	TEMPORARY STONE FILTER
PPS (P) IRON PIN SET	SEWER CLEANOUT
PPN (P) P-K NAIL FOUND	SEWER MANHOLE
TP (P) TELEPHONE PEDESTAL	FLOW DIRECTIONAL ARROWS
UP (P) OVERHEAD UTILITY	RIPRAP DISSIPATION
UT (P) UTILITY POLE	DENUEDED CONSTRUCTION LIMITS
LP (P) LIGHT POLE	TEMPORARY SILT/CONSTRUCTION FENCE
WV (P) WATER VALVE	PROPOSED DRAINAGE STRUCTURE & PIPE
SS (P) PROPOSED SANITARY SEWER LINE	EXISTING DRAINAGE STRUCTURE & PIPE
ES (P) EXISTING SEWER LINE	CURB & GUTTER
WL (P) PROPOSED WATER LINE	EXISTING CONTOURS
EW (P) EXISTING WATER LINE	PROPOSED CONTOURS
UE (P) UNDERGROUND ELECTRIC	SEDIMENT BASIN
UT (P) UNDERGROUND TELEPHONE	TEMPORARY CONSTRUCTION ENTRANCE
GL (P) EXISTING GAS LINE	FEMA FLOODWAY LINE
DD (P) DRAINAGE DITCH/WATER COURSE	FEMA 0.2% FLOOD ANNUAL CHANCE FLOOD HAZARD LINE
AP (P) APPROX. TREE/SHRUB LINE	
PINE (P) EXISTING TREE	
HW (P) EXISTING TREE	



PRELIMINARY PLANS
FOR REVIEW & COORDINATION



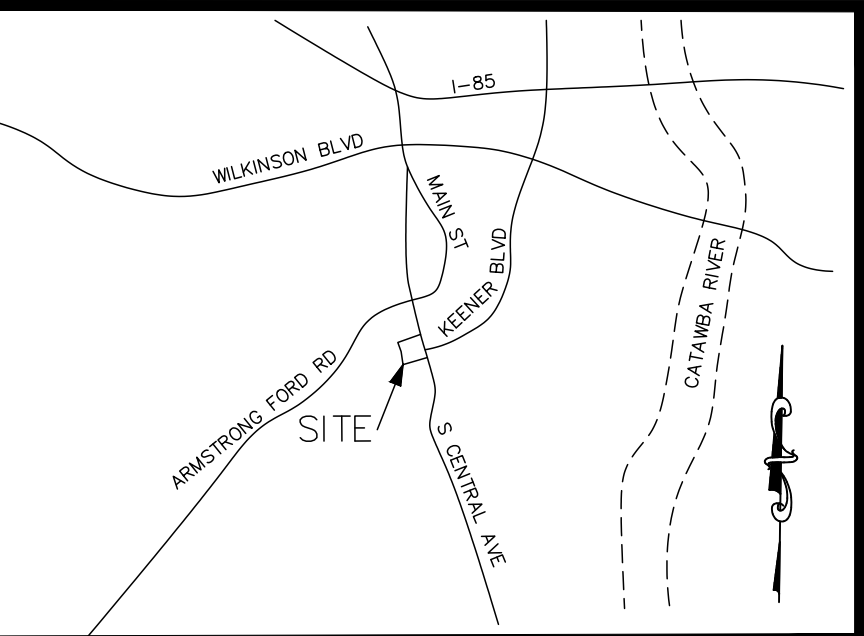
ISSUE DATE: JUNE 2022		
NO.	DATE	REVISION

CENTRAL PARK SOUTH
WINDING WAY &
CENTRAL AVENUE
BELMONT, NC

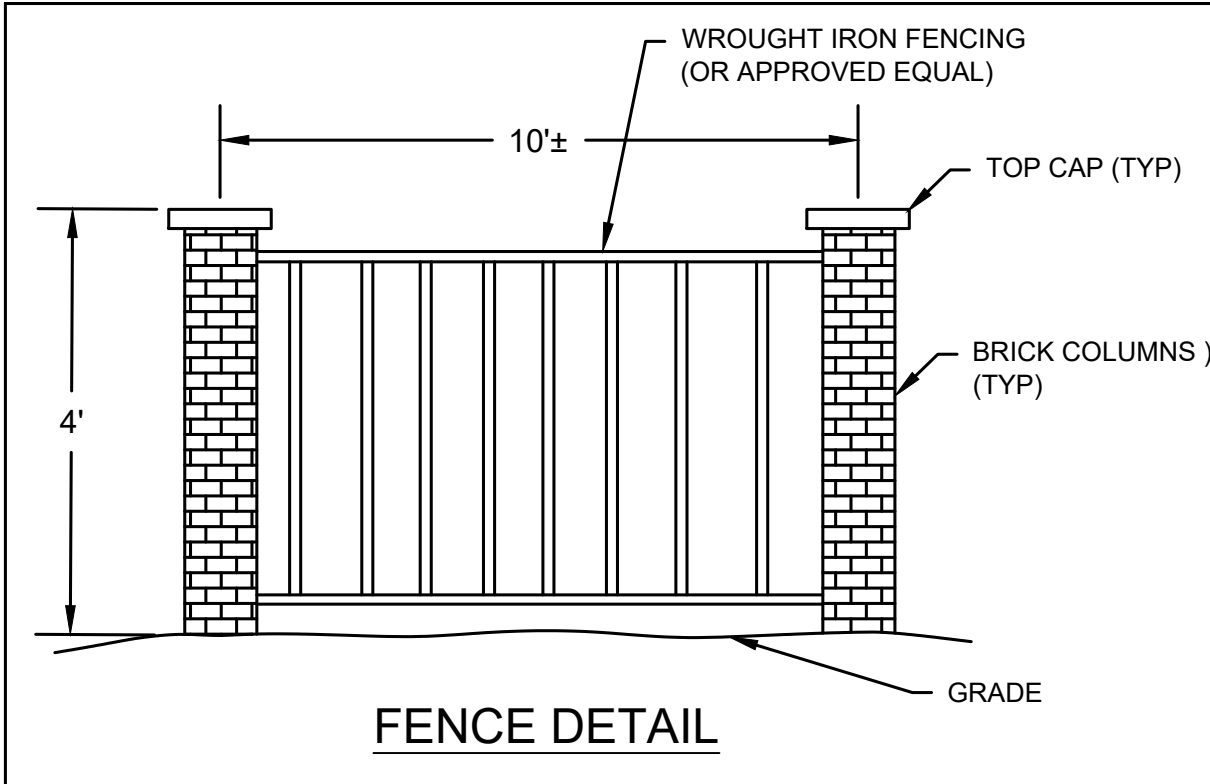
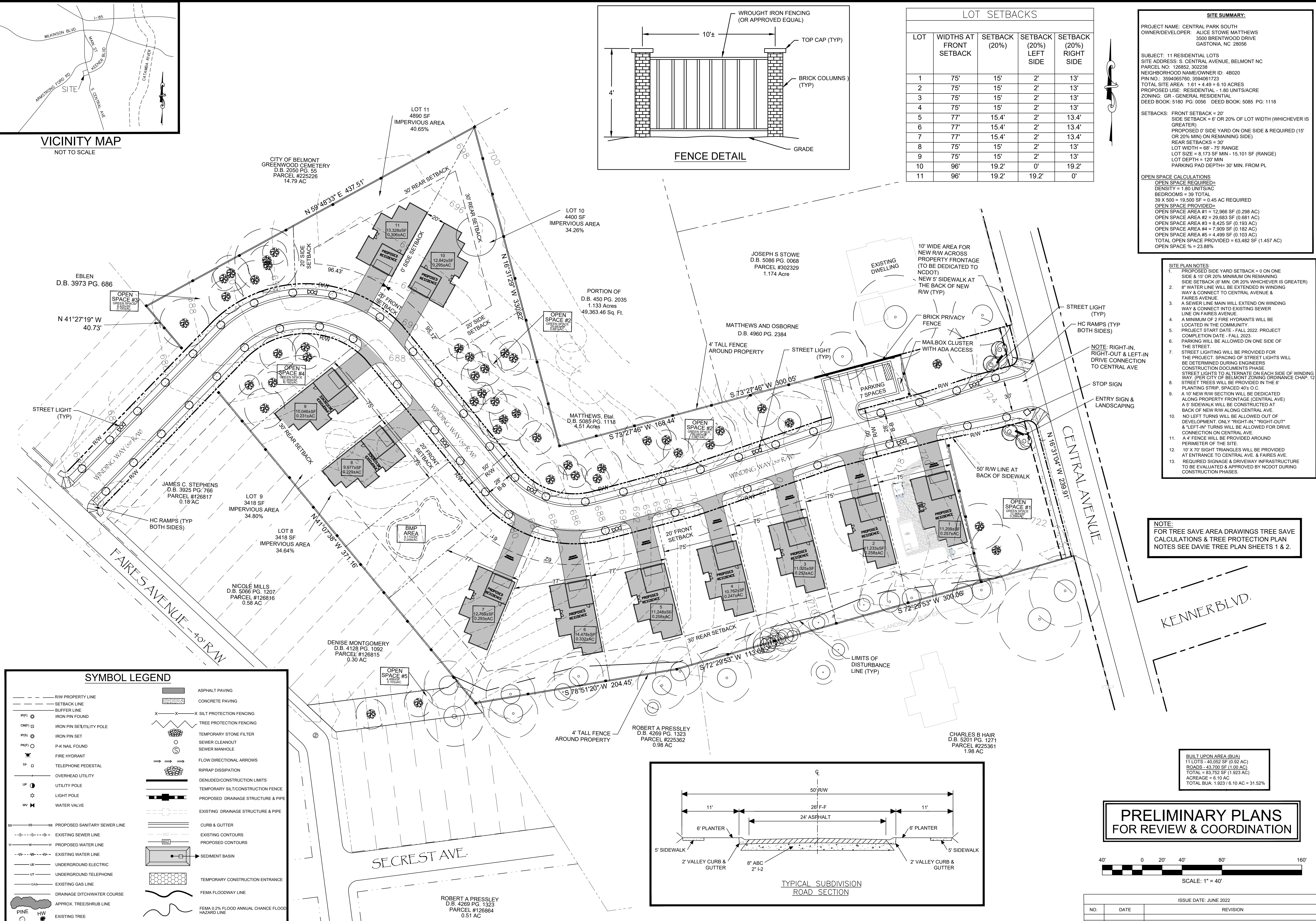
SCHEMATIC SITE PLAN
11 LOTS

C-1

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VICINITY MAP
NOT TO SCALE



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SITE SUMMARY:

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OWNER/DEVELOPER: ALICE STOWE MATTHEWS
3500 BRENTWOOD DRIVE
GASTONIA, NC 28056

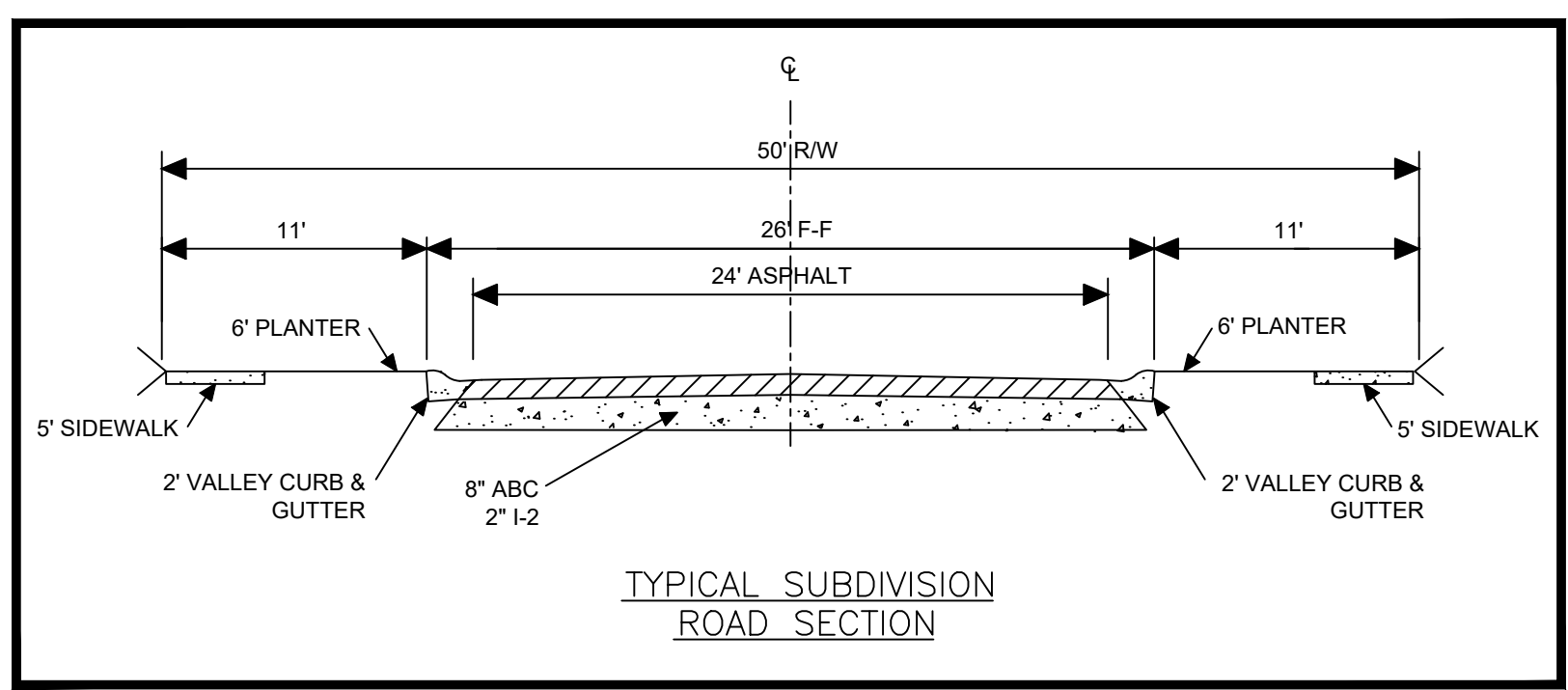
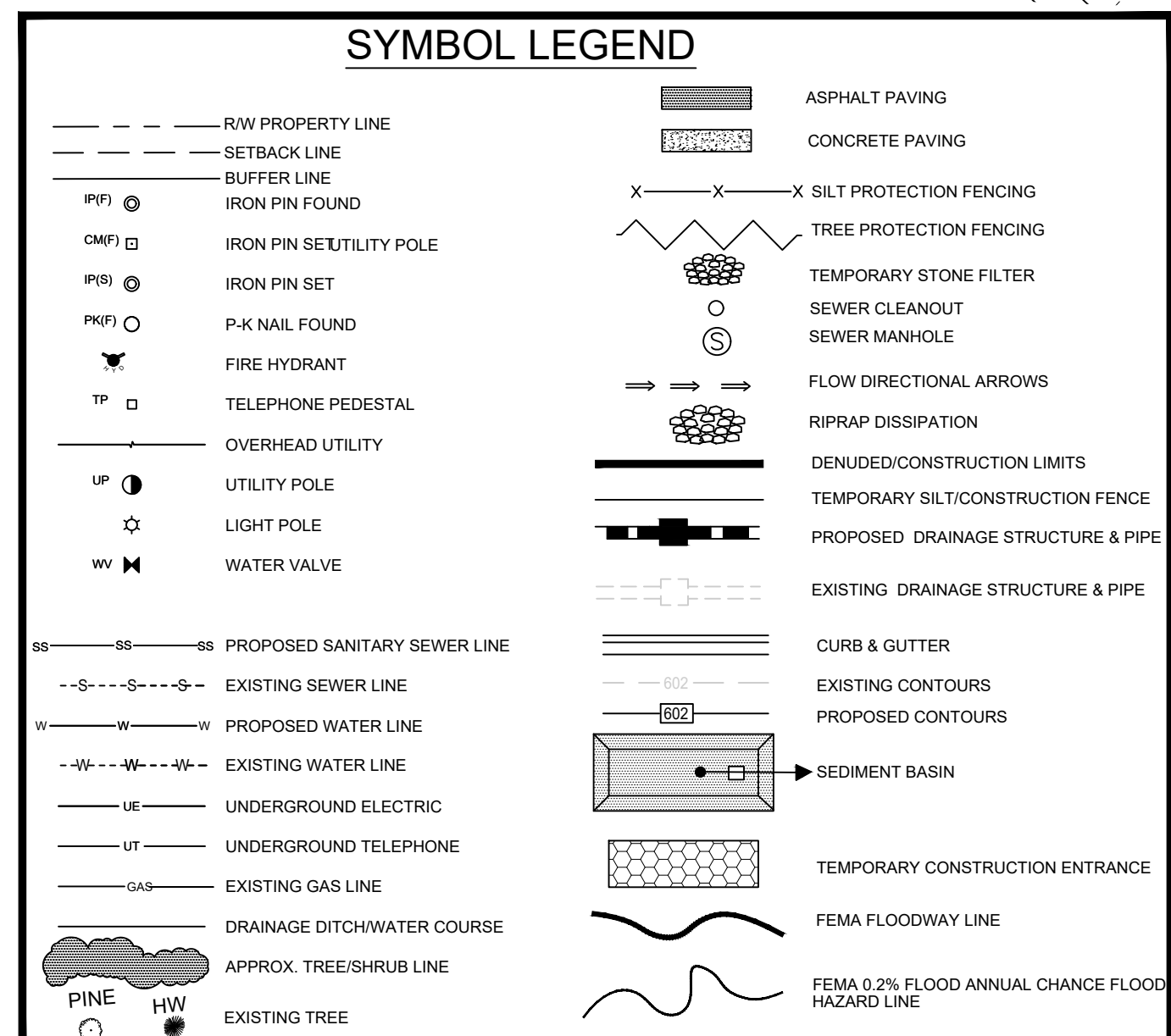
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SITE ADDRESS: S. CENTRAL AVENUE, BELMONT NC
PARCEL NO: 126852, 302238
NEIGHBORHOOD NAME/OWNER ID: 48020
PIN NO.: 3594065760, 3594061723
TOTAL SITE AREA: 1.81 + 4.49 = 6.10 ACRES
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ZONING: GR - GENERAL RESIDENTIAL
DEED BOOK: 5180 PG. 0056 DEED BOOK: 5085 PG. 1118

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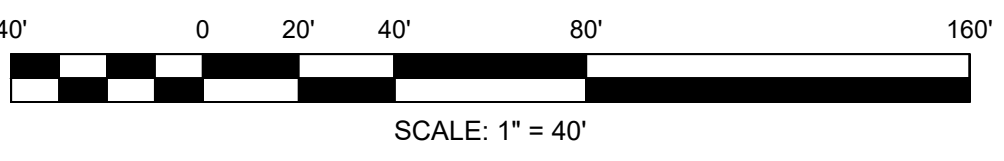
OPEN SPACE CALCULATIONS
OPEN SPACE REQUIRED =
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NOTE:
FOR TREE SAVE AREA DRAWINGS TREE SAVE CALCULATIONS & TREE PROTECTION PLAN NOTES SEE DAVIE TREE PLAN SHEETS 1 & 2.



**PRELIMINARY PLANS
FOR REVIEW & COORDINATION**



ISSUE DATE: JUNE 2022		
NO.	DATE	REVISION

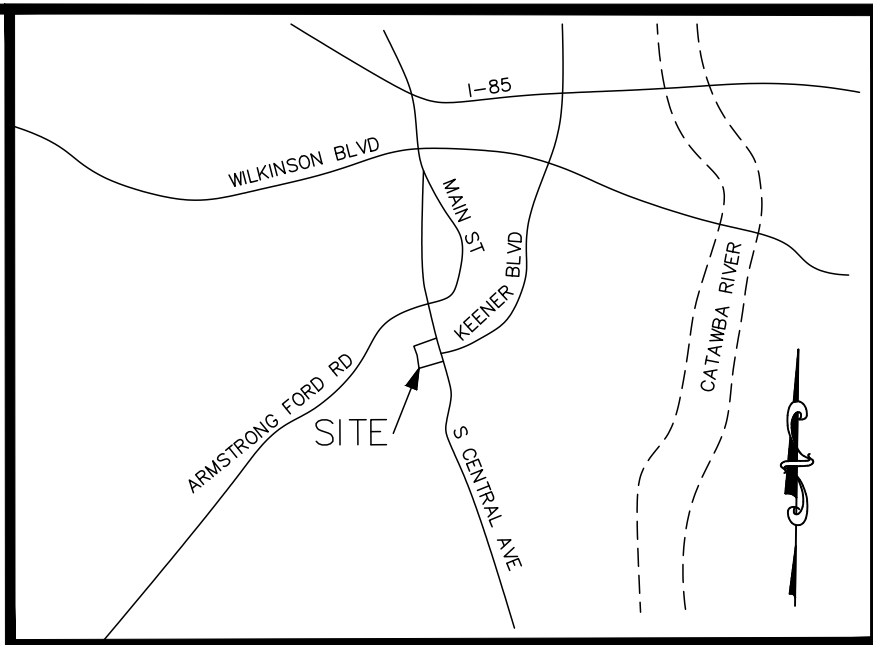
**CENTRAL PARK SOUTH
WINDING WAY &
CENTRAL AVENUE
BELMONT, NC**

**SCHEMATIC SITE PLAN
11 LOTS
PRELIMINARY PLAN**

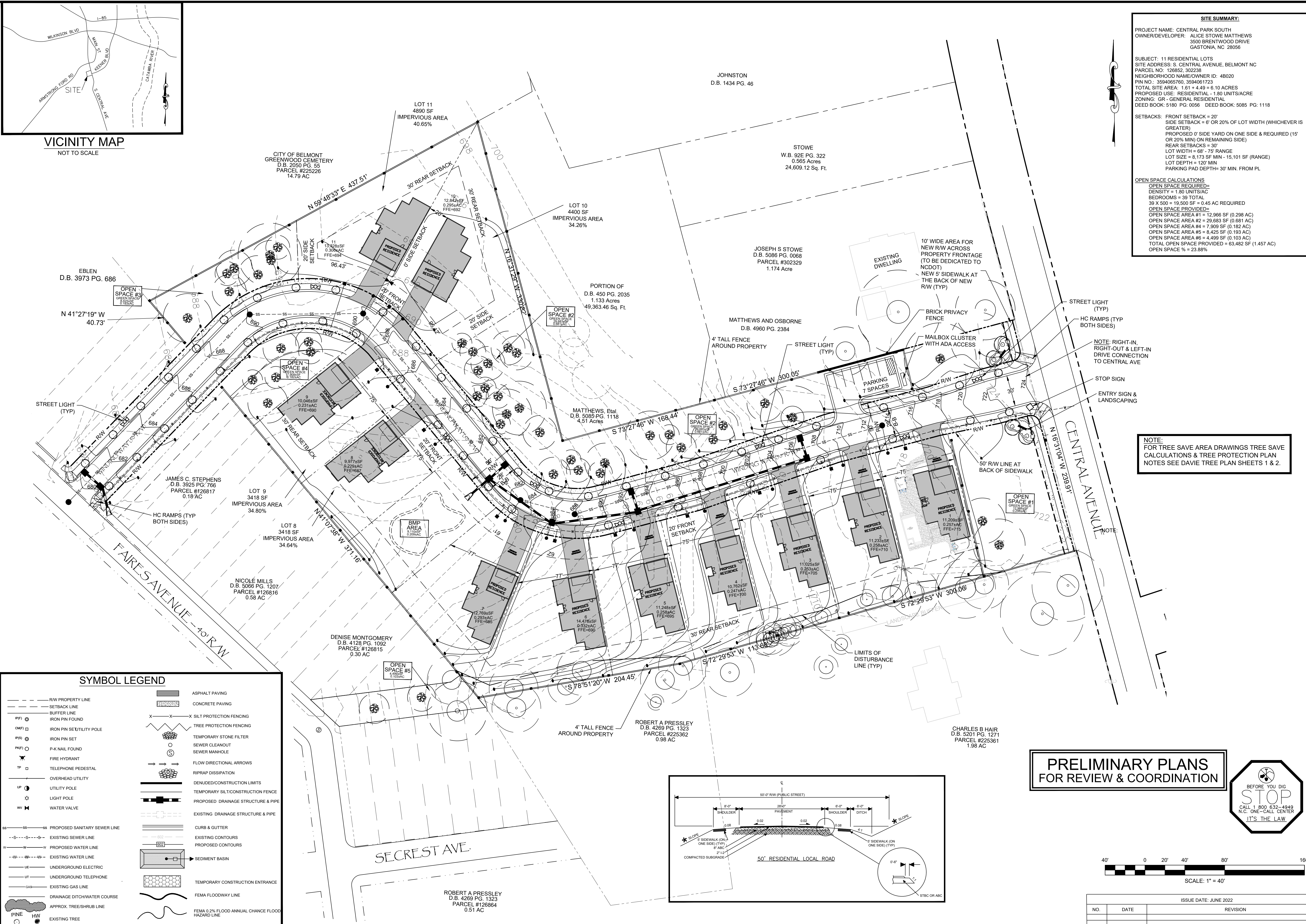
C-1

FRANKLIN S. CRAIG P.E.
CONSULTING ENGINEER
2543 Glenageas Drive
Gastonia, NC 28056
PH: (704) 813-3764

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VICINITY MAP
NOT TO SCALE



SITE SUMMARY:

PROJECT NAME: CENTRAL PARK SOUTH
OWNER/DEVELOPER: ALICE STOWE MATTHEWS
3500 BRENTWOOD DRIVE
GASTONIA, NC 28056

SUBJECT: 11 RESIDENTIAL LOTS
SITE ADDRESS: S. CENTRAL AVENUE, BELMONT NC
PARCEL NO: 126852, 302238
NEIGHBORHOOD NAME/OWNER ID: 4B020
PIN NO.: 3594065760, 3594061723
TOTAL SITE AREA: 1.61 ± 4.49 ± 8.10 ACRES
PROPOSED USE: RESIDENTIAL - 1.80 UNITS/ACRE
ZONING: GR - GENERAL RESIDENTIAL
DEED BOOK: 5180 PG. 0056 DEED BOOK: 5085 PG. 1118

SETBACKS: FRONT SETBACK = 20'
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DENSITY = 1.80 UNITS/AC
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39 X 500 = 19,500 SF = 0.45 AC REQUIRED
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CENTRAL PARK SOUTH
WINDING WAY &
CENTRAL AVENUE
BELMONT, NC

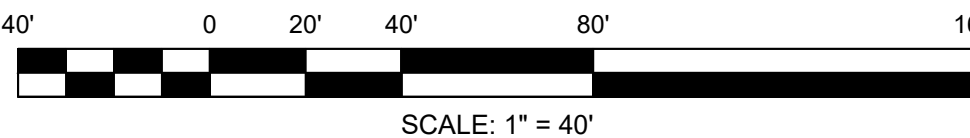
SCHEMATIC GRADING,
DRAINAGE & UTILITY
ENVIRONMENTAL
PLAN

C-2

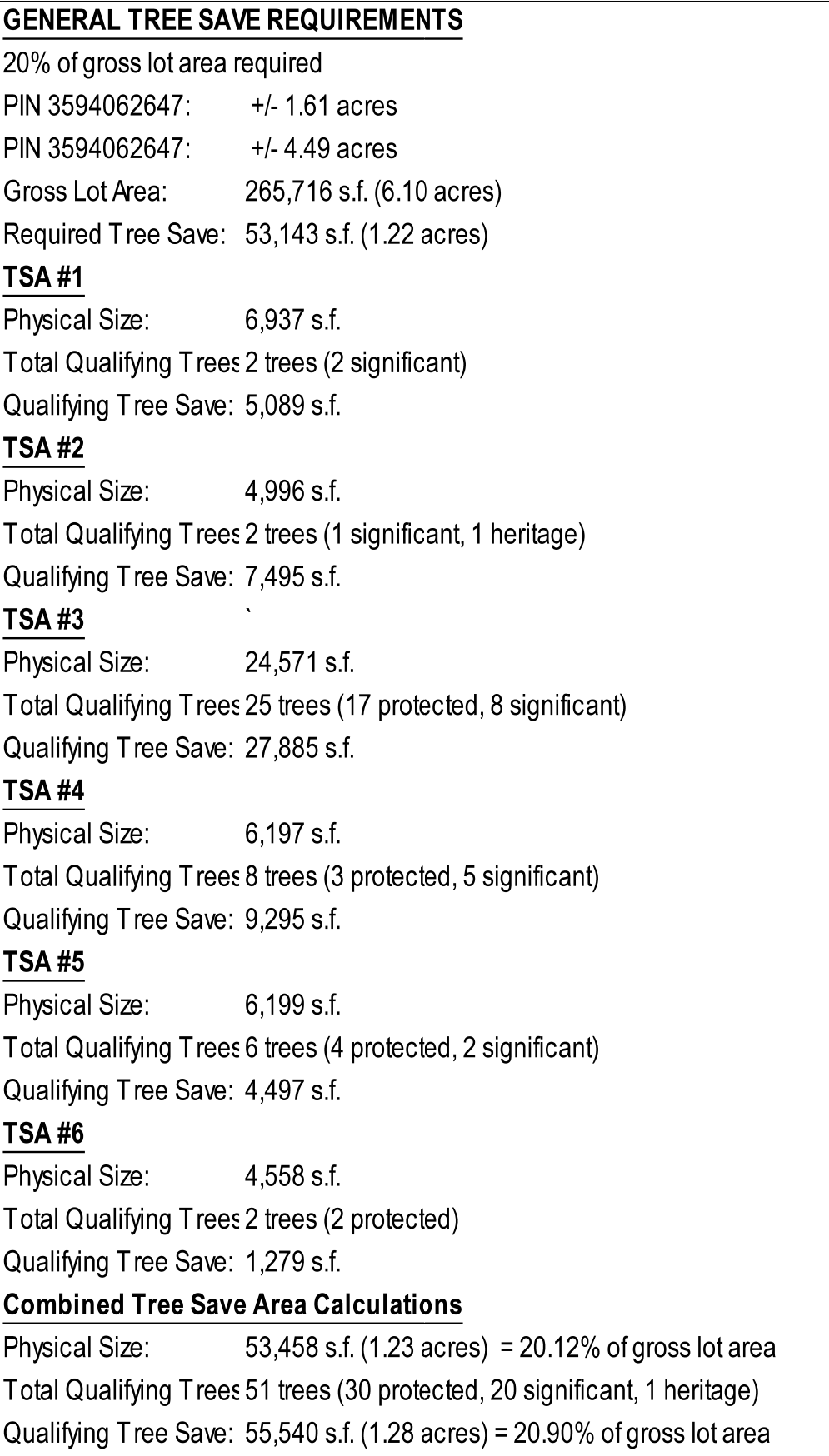
SYMBOL LEGEND

--- R/W PROPERTY LINE	ASPHALT PAVING
--- SETBACK LINE	CONCRETE PAVING
--- BUFFER LINE	X - SILT PROTECTION FENCING
IP(F) (P) IRON PIN FOUND	--- TREE PROTECTION FENCING
CM(F) (P) IRON PIN SET/UTILITY POLE	--- TEMPORARY STONE FILTER
IP(S) (P) IRON PIN SET	--- SEWER CLEANOUT
PK(F) (P) P-K NAIL FOUND	--- SEWER MANHOLE
FD (P) FIRE HYDRANT	--- FLOW DIRECTIONAL ARROWS
TP (P) TELEPHONE PEDESTAL	--- RIPRAP DISSIPATION
UP (P) OVERHEAD UTILITY	--- DEMULDED/CONSTRUCTION LIMITS
UT (P) UTILITY POLE	--- TEMPORARY SILT/CONSTRUCTION FENCE
LP (P) LIGHT POLE	--- PROPOSED DRAINAGE STRUCTURE & PIPE
WV (P) WATER VALVE	--- EXISTING DRAINAGE STRUCTURE & PIPE
SS --- PROPOSED SANITARY SEWER LINE	--- CURB & GUTTER
--- EXISTING SEWER LINE	--- EXISTING CONTOURS
W --- PROPOSED WATER LINE	--- PROPOSED CONTOURS
--- EXISTING WATER LINE	--- SEDIMENT BASIN
UE --- UNDERGROUND ELECTRIC	--- TEMPORARY CONSTRUCTION ENTRANCE
UT --- UNDERGROUND TELEPHONE	--- FEMA FLOODWAY LINE
GA --- EXISTING GAS LINE	--- FEMA 0.2% FLOOD ANNUAL CHANCE FLOOD HAZARD LINE
--- DRAINAGE DITCH/WATER COURSE	--- EXISTING TREE
--- APPROX. TREE/SHRUB LINE	
PINE HW	

PRELIMINARY PLANS
FOR REVIEW & COORDINATION



ISSUE DATE: JUNE 2022		
NO.	DATE	REVISION



FREE SAVE AREA #2								
ID #	Species	Condition	Status	DBH(in)	CRZ Area(sf)	% of CRZ within TSA	TSA Multiplier	Qualifying TSA(sf)
9	oak, water	Good	Significant	28	2,463	72	1.5	2,672
10	oak, willow	Good	Heritage	36	4,072	74	2	5,988

FREE SAVE AREA #4								
ID #	Species	Condition	Status	DBH(in)	CRZ Area(sf)	% of CRZ within TSA	TSA Multiplier	Qualifying TSA(sf)
33	pine, shortleaf	Fair	Significant	18	1,018	83	1.5	1,265
34	ash, white	Protected		12	452	99	1	448
48	oak, southern red	Fair	Significant	32	3,217	72	1.5	3,466
49	pine, shortleaf	Fair	Significant	19	1,134	88	1.5	1,495
55	pine, shortleaf	Fair	Significant	20	1,257	100	1.5	1,885
56	elm, american	Fair	Protected	12	452	100	1	452
59	oak, willow	Fair	Protected	17	908	83	1	753
60	oak, water	Good	Significant	24	1,810	81	1.5	2,196

Trees along Central Park Property Boundary with STOWE					
ID #	Species	DBH(in)	CRZ Area(sf)	CRZ Preserved	% CRZ Preserved
501	oak	30	2,815	2,359	84
502	oak	42	5,542	5,426	98
503	cedar	24	1,810	1,551	86

TREE SAVE AREA #6								
ID #	Species	Condition	Status	DBH(in)	CRZ Area(sf)	% of CRZ within TSA	TSA Multiplier	Qualifying TSA(sf)
3565	oak, white	Good	Protected	14	616	96	1	588
3572	oak, white	Fair	Protected	15	707	98	1	691

**Davey Resource
Group, INC.
3101 Poplarwood Ct.
Suite 120
Raleigh N.C. 27604
License No. C-4174**



**CENTRAL PARK SOUTH
GASTON COUNTY, NORTH CAROLINA
TREE SAVE AREAS &
TREE PROTECTION PLAN**

SCAIF: 1"40'

NOT FOR CONSTRUCTION

DISCLAIMER: THIS IS NOT A SURVEY. THIS MAP WAS NOT PREPARED BY A LICENSED NORTH CAROLINA PROFESSIONAL LAND SURVEYOR. ALL BOUNDARIES, DISTANCES, AND FEATURE LOCATIONS ARE CONSIDERED APPROXIMATE AND NOT MEANT TO BE ABSOLUTE. THIS MAP REPRESENTS A PRELIMINARY SKETCH PREPARED FROM FIELD NOTES.

DATE:
11/07/2022

SHEET NO
1
OF **2**

TREE PROTECTION PLAN NOTES			9.5. SUPPORT CABLES SHALL BE INSTALLED IN CONFORMANCE WITH CURRENT ANSI A300 STANDARDS AND ISA BEST MANAGEMENT PRACTICES.		19.1. GENERAL CONTRACTOR'S ON-SITE (CONTRACT) ARBORIST:	
1. GENERAL			10. CONSTRUCTION STRATEGIES FOR TREE PROTECTION		19.1.1. THE GENERAL CONTRACTOR SHALL ENTER INTO A CONTRACTUAL RELATIONSHIP WITH AN EXPERIENCED ARBORICULTURE TREE CARE FIRM TO PERFORM THE WORK SPECIFIED HEREIN. THE GENERAL CONTRACTOR SHALL PROVIDE PROOF OF SUCH CONTRACT TO THE EXTENT OWNER IS ASSURED WORK WILL BE EXECUTED BY A COMPETENT FIRM AS OUTLINED BELOW:	
1.1. REFER TO THE TREE PROTECTION ACTION KEY (TPAK) FOR SPECIFIC RECOMMENDATIONS FOR EACH TREE.			10.1. CONSTRUCTION STAGING, STOCKPILING, EQUIPMENT STORAGE, VASCONRY SET-UP AND WASHOUT, ETC. SHALL BE LIMITED TO AREAS WITHIN THE LOD		19.1.2. THE CONTRACT ARBORIST IS TO BE AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) AND LICENSED IN THE JURISDICTION WHERE PROJECT IS LOCATED, AS APPLICABLE.	
1.2. PRIOR TO ANY GRADING, DEMOLITION, OR CONSTRUCTION WORK WITHIN OR ADJACENT TO A TREE PROTECTION AREAS (TPA), A PRE-CONSTRUCTION SITE WALK SHALL BE HELD TO INCLUDE THE CONTRACT ARBORIST.			10.2. CONSTRUCTION EQUIPMENT ACCESS BETWEEN VARIOUS WORK AREAS SHALL REMAIN ON EXISTING PAVEMENT/IMPROVED SURFACES TO THE GREATEST EXTENT POSSIBLE. WHERE THIS IS NOT POSSIBLE AND WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE TO REMAIN, ACCESS SHALL BE MADE ON ROOT PROTECTION MATTING (RPM/SEE DETAIL) OR APPROVED ALTERNATIVE. CONTRACTOR TO DETERMINE ACCESS NEEDS AND COORDINATE RPM INSTALLATION WITH THE CONTRACT ARBORIST AT THE PRE-CONSTRUCTION MEETING OR BEFORE.		19.2. CONTRACT ARBORIST FIRM QUALIFICATIONS:	
1.3. SUBSTITUTIONS OR ALTERNATIVE METHODS OR MATERIALS SHALL BE REVIEWED AND APPROVED BY PLANNING DIRECTOR.			10.3. PROPOSED LANDSCAPE PLANTINGS WITHIN TREE PROTECTION AREAS SHALL BE INSTALLED BY HAND. MECHANIZED EQUIPMENT SHALL NOT BE USED OUTSIDE THE LOD OR OFF OF EXISTING PAVED AREAS TO EXCAVATE FOR PLANTINGS OR FOR STAGING PLANT MATERIAL.		19.2.1. CONTRACT ARBORIST FIRM SHALL COMPLY WITH THE FOLLOWING:	
1.4. ALL TREE PROTECTION MEASURES MUST BE IN PLACE PRIOR TO COMMENCEMENT OF GRADING, DEMOLITION, SITE CLEARING OR CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.			10.4. COORDINATE PLANTING LOCATIONS WITHIN CRZS WITH THE CONTRACT ARBORIST TO AVOID UNNECESSARY ROOT DAMAGE. PLANTING PITS WITHIN CRZS SHOULD BE DUG BY HAND OR USING AIRTOOL. EXCAVATION EQUIPMENT, ROOTS GREATER THAN 1" SHOULD NOT BE CUT.		19.2.2. ESTABLISHED BUSINESS WITH DOCUMENTED EXPERIENCE OF AT LEAST FIVE YEARS.	
1.5. ALL MEASURES WILL BE REVIEWED AFTER INSTALLATION AND APPROVED BY CONTRACT ARBORIST.			11. SSAT EXCAVATION WITHIN CRZS		19.2.3. EXPERIENCE WORKING ON A MINIMUM OF THREE COMMERCIAL, NONGOVERNMENTAL, OR GOVERNMENTAL PROJECTS WHERE SIMILAR TREE PRESERVATION PROGRAMS HAVE BEEN SUCCESSFULLY IMPLEMENTED.	
2. REMOVAL BY ARBORIST			11.1. PROPOSED UTILITIES, DRAINAGE PLUMBING, LIGHTING CONDUITS, HARDSCAPE, IRRIGATION, OR OTHER IMPROVEMENTS WITHIN TREE PROTECTION AREAS (TPAS) SHALL BE EXCAVATED BY SUPERSONIC AIRTOOL (SSAT) TO MINIMIZE DAMAGE TO ROOT SYSTEMS.		19.2.4. PROPERLY LICENSED AND INSURED TO PERFORM ARBORICULTURAL WORK IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.	
2.1. TREES DESIGNATED AS "REMOVAL BY ARBORIST" SHALL BE REMOVED BY A QUALIFIED ARBORIST "BY HAND", TO MINIMIZE POTENTIAL FOR DAMAGE TO REMAINING TREES AND ROOTS.			11.2. OWNER, CONTRACTOR, CONTRACT ARBORIST, AND UFGM SHALL REVIEW THE PROPOSED LOCATION(S) DURING THE PRE-CONSTRUCTION MEETING.		19.2.5. PROVIDE INDIVIDUAL(S) NAMES, CERTIFICATIONS, AND EACH ANTICIPATED ROLE IN THIS PROJECT.	
2.2. TREE CREWS SHALL BE DIRECTLY SUPERVISED BY A CERTIFIED ARBORIST.			11.3. PRE-WATERING OF THE PROPOSED AREAS OF EXCAVATION DURING SUMMER AND FALL MONTHS IS RECOMMENDED TO MAINTAIN ROOT / SOIL MOISTURE.		PUBLICATIONS INCLUDED BY REFERENCE	
2.3. TRUCKS AND MECHANIZED EQUIPMENT SHALL NOT ENTER THE FENCED TREE PROTECTION AREAS, EXCEPT WHERE EXPLICITLY APPROVED BY THE PROJECT ARBORIST AND UTILIZING APPROVED ROOT PROTECTION DEVICE.			11.4. THE CONTRACT ARBORIST SHALL PROVIDE A QUALIFIED ARBORIST CREW EXPERIENCED WITH THE SSAT AND UTILITY EXCAVATION TO PROTECT ADJACENT TREES, OPEN THE EXCAVATION, HAND PRUNE MINOR ROOTS, AND IDENTIFY AND PROTECT PRIORITY ROOTS TO REMAIN. COORDINATION WITH THE APPROPRIATE SUB-CONTRACTOR SHALL BE MADE TO DETERMINE APPROPRIATE WIDTH, DEPTH & SEQUENCING, UTILITY INSTALLATION, BACKFILL, COMPLETION, AND COVER.		PUBLICATIONS LISTED HEREIN ARE PART OF THIS WORK TO EXTENT REFERENCED:	
2.4. STUMPS WITHIN TREE PROTECTION AREAS SHALL BE LEFT IN PLACE AND CUT AS LOW TO SURROUNDING GRADE AS POSSIBLE.			12.1. ANY PROPOSED LANDSCAPE PLANTING OF BAB PLANTS WITHIN CRITICAL ROOT ZONES WITHIN TPAS SHALL BE REVIEWED BY THE CONTRACT ARBORIST, CONTRACTOR, AND UFGM IN THE FIELD TO DETERMINE POTENTIAL FOR DAMAGE TO PRIORITY ROOTS SYSTEMS OF SELECT TREES AND LAYOUT THE LIMIT OF WORK.		20.1. ANSI A300 STANDARD PRACTICES FOR TREES, SHRUBS, AND OTHER WOODY PLANT MAINTENANCE	
3. TREE PROTECTION FENCE			12.2. THE CONTRACT ARBORIST SHALL PROVIDE ADEQUATE PROTECTION FOR PEDESTRIANS, STRUCTURES, VEHICLES, ETC. DURING THIS OPERATION.		20.1.1. PART 1 – 2017, TREE PRUNING	
3.1. INSTALL AND MAINTAIN TEMPORARY TREE PROTECTION FENCE FOR EACH TREE PROTECTION AREA AS SHOWN ON THE PLAN. INSTALLATION IS TYPICALLY AFTER ROOT PRUNING AND PRIOR TO CLEARING & GRADING.			13. SOIL CARE/FERTILIZATION		20.1.2. PART 2 – 2018, SOIL MANAGEMENT	
3.2. TREE PROTECTION FENCE SHALL BE ONE OF THE FOLLOWING: (SEE DETAIL)			13.1. INITIAL SOIL TESTING WITHIN TREE PROTECTION AREAS IS REQUIRED. CONDUCT INDIVIDUAL SOIL TESTS FOR SEPARATE TREE PROTECTION AREAS (SMALL ADJACENT AREAS MAY BE TESTED TOGETHER). SOIL TEST SHALL BE A REPRESENTATIVE SAMPLE FROM EACH AREA.		20.1.3. PART 3 – 2013, SUPPLEMENTAL SUPPORT SYSTEMS	
3.2.1. 4' HIGH, 14 GAUGE WELDED WIRE FENCE MOUNTED ON 6" STEEL "T" POSTS SPACED NOT MORE THAN 10' APART. FENCE SHALL BE ATTACHED TO POSTS USING GALVANIZED STEEL CLIPS OR ALUMINUM TIES. PLASTIC "ZIP" TIES SHALL NOT BE USED.			13.2. TREATMENTS TO THE TREE PROTECTION AREAS FOR SPECIFIED TREES (SEE TPAK) SHALL BE BASED ON THE RESULTS OF THE SOIL ANALYSIS. FERTILIZATION SHALL BE CONSISTENT WITH THE RECOMMENDATIONS OF THE CURRENT ANSI A-300 (PART 2) TREE, SHRUB, AND OTHER WOODY PLANT MAINTENANCE – STANDARD PRACTICES (FERTILIZATION).		20.1.4. PART 4 – 2014, LIGHTNING PROTECTION SYSTEMS	
3.2.2. 6' HIGH CHAIN LINK FENCE FABRIC MOUNTED ON 6" 1.5" GALVANIZED STEEL PIPE LINE POSTS. CORNER POSTS SHALL BE 2". FENCE SHALL BE ATTACHED TO POSTS USING GALVANIZED STEEL CLIPS OR ALUMINUM TIES. PLASTIC "ZIP" TIES SHALL NOT BE USED.			13.3. APPLICATION RATES SHALL NOT EXCEED A RATE OF 1 POUND OF ACTUAL NITROGEN PER 1,000 SQUARE FEET ANNUALLY. FERTILIZER USED SHOULD INCLUDE HUMIC ACIDS, SOLUBLE SEAWEED EXTRACTS AND SOIL BIOLOGICAL INOCULANTS.		20.1.5. PART 5 – 2019, MANAGEMENT OF TREES AND SHRUBS DURING SITE PLANNING, SITE DEVELOPMENT, AND CONSTRUCTION	
3.2.3. "SUPER SILT FENCE" (SILT FENCE WITH AN INCORPORATED CHAIN LINK FENCE FABRIC) INSTALLED AS SPECIFIED BY APPROPRIATE STATE OR LOCAL EROSION AND SEDIMENT CONTROL REQUIREMENTS.			14. TREE CONDITION MONITORING INSPECTIONS		20.1.6. PART 6 – 2018, PLANTING AND TRANSPLANTING	
3.3. SILT FENCE SHALL BE COORDINATED FOR INSTALLATION TO ENHANCE PROTECTION AND AVOID UNNECESSARY ROOT CUTS BY SILT FENCE INSTALLATION.			14.1. CONTRACT ARBORIST SHALL PROVIDE MONITORING OF THE CONDITION OF RETAINED TREES IN TREE PROTECTION AREAS, AND TREATMENT OF DETRIMENTAL CONDITIONS (INSECTS, DISEASES, NUTRIENT DEFICIENCIES, SOIL MOISTURE, ETC.), AS THEY OCCUR, OR AS APPROPRIATE FOR EFFECTIVE MANAGEMENT.		20.1.7. PART 8 – 2013, ROOT MANAGEMENT	
3.4. FENCE SHALL REMAIN FOR THE DURATION OF CONSTRUCTION. FENCE MAY BE REMOVED ONLY AFTER ALL CONSTRUCTION AND FINAL LANDSCAPING IS COMPLETE AND WITH UFGM APPROVAL.			14.2. INSPECTIONS SHALL BE PERFORMED AT LEAST MONTHLY DURING THE GROWING SEASON, BEGINNING PRIOR TO CONSTRUCTION AND CONTINUING THROUGHOUT CONSTRUCTION AND FOR AT LEAST ONE YEAR SUBSEQUENT TO COMPLETION OF CONSTRUCTION ACTIVITIES.		20.1.8. PART 9 – 2017, TREE RISK ASSESSMENT	
4. TREE PROTECTION AREA SIGNS			14.3. A WRITTEN SUMMARY REPORT INCLUDING SPECIFIC TREATMENTS MADE AND RECOMMENDATIONS FOR ADDITIONAL TREATMENTS SHALL BE PROVIDED TO THE OWNER AND PROJECT ARBORIST SUBSEQUENT TO EACH INSPECTION.		20.1.9. PART 10 – 2016, IFM	
4.1. TREE PROTECTION AREA SIGNS SHALL BE AFFIXED TO ALL TREE PROTECTION FENCING AT 30' SPACING AVERAGE.			15. TREE GROWTH REGULATOR (TGR)		20.2. ANSI Z133.1 – 2017 AND MOST RECENT UPDATES, ARBORICULTURAL OPERATIONS – SAFETY REQUIREMENTS	
4.2. SIGNS SHALL BE BILINGUAL (ENGLISH AND SPANISH).			15.1. PACLOBUTRAZOL SOIL-APPLIED TREE GROWTH REGULATOR (CAMBISTAR® OR EQUIVALENT) SHALL BE APPLIED TO INDICATED TREES. APPLICATIONS SHALL FOLLOW MANUFACTURER'S LABEL AND APPLICABLE LAWS.		21. VERTICAL MULCHING	
4.3. SIGNS SHALL NOT BE AFFIXED DIRECTLY TO TREES. SEE DETAIL.			15.2. TGR REDUCES CANOPY GROWTH WHICH CAN INCREASE FIBROUS ROOT SYSTEM GROWTH OVER 2-3 YEARS. THIS CAN INCREASE TOLERANCE TO DROUGHT STRESS AND IMPROVE ABSORPTION OF NUTRIENTS AND MOISTURE DURING THE STRESS RECOVERY PERIOD.		21.1. THE AREA DESIGNATED FOR THIS OPERATION SHALL BE 30' FROM TREE BASE TO ½ THE CRZ RADIUS. FOLLOW UP IF NEEDED CAN TREAT THE OUTER ½ OF THE CRZ AREA.	
4.4. SIGN MATERIAL SHALL BE WATERPROOF, HEAVY VINYL OR SIMILAR.			16. TREE TRUNK PROTECTION WRAP		21.2. USE SUPERSONIC AIR TOOL (SSAT 150 OR 300CFM AS SITE DICTATES) TO VERTICALLY BORE 12"-18" DEEP HOLES MINIMUM OF 2" DIAMETER ON A SPACING OF ONE HOLE PER SQUARE YARD 3' x 3'.	
4.5. SIGNS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.			16.1. TRUNKS OF TREES IN CLOSE PROXIMITY TO CONSTRUCTION SHALL BE PROTECTED WITH A SINGLE WRAP OF GEOCOMPOSITE. GEOCOMPOSITE SHALL BE DOUBLE SIDED, GEOMET CORE WITH NON-WOVEN COVERING (SUCH AS TENSAR ROADRAIN RDT) OR EQUIVALENT.		21.3. BACKFILL WITH CHIP-SIZED, PRE-MOISTENED BIOCHAR UP TO TOP AND COVER.	
5. ROOT PRUNE			16.2. WRAP SHALL BE TIED WITH ROPE OR WIRE. THE MATERIAL SHALL NOT CONTACT TRUNK.		21.4. CERTIFY THAT ADEQUATE SOIL MOISTURE IS AVAILABLE OR PRE-WATER AREA.	
5.1. THE EXACT LOCATION AND DEPTH WILL BE DETERMINED DURING THE PRE-CONSTRUCTION MEETING. SPECIFIC EQUIPMENT & METHODS WILL BE DETERMINED BY CONTRACT ARBORIST BASED UPON DEPTH & TREE IMPACT. (SEE DETAIL)			16.3. WRAP SHALL BE REMOVED PROMPTLY AFTER CONSTRUCTION.		21.5. THE OPERATOR SHALL ATTEMPT TO CAUSE HORIZONTAL FRACTURING WITH THE SSAT AMONG THE SOIL LAYERS TO INCREASE PORE SPACE.	
5.2. HAND PRUNE ROOTS OVER 1" DIAMETER WITHIN CRZS OF SIGNIFICANT TREES. STEEP SLOPES, DEEP EXCAVATIONS AND PAVEMENT/CURB REMOVAL WILL BE REVIEWED WHEN OPEN FOR HAND ROOT PRUNING DURING CONSTRUCTION.			17. TREE TRUNK ARMORING		21.6. TYPICALLY THIS OPERATION IS FOLLOWED BY HIGH PRESSURE LIQUID FERTILIZATION INJECTION. OFFSET EACH HOLE TO FILL FISSURES. REFER TO SOIL CARE/FERTILIZATION.	
5.3. COORDINATE WITH SILT FENCE INSTALLATION TO MINIMIZE UNNECESSARY ROOT DAMAGE.			17.1. TRUNKS OF TREES IN CLOSE PROXIMITY TO CONSTRUCTION SHALL BE PROTECTED WITH A WRAP OF CLOSED CELL FOAM COVERED BY 2"x4" LUMBER, OR APPROVED EQUIVALENT.		21.7. MINIMUM WATERING SHALL BE CONSIDERED TO BE 6 APPLICATIONS PER GROWING SEASON, TYPICALLY JULY THRU OCTOBER WITH THE EXACT TIMING AND DURATION TO BE DETERMINED BY THE PROJECT ARBORIST AND UFGM. CALIBRATE FOR 5 TO 10 GALLONS PER DIAMETER INCH PER TREE. FOR EXAMPLE, A 30" DBH TREE = 150-300 GALLONS PER WATERING.	
5.4. ROOT PRUNING SHALL BE PERFORMED BY A CERTIFIED ARBORIST.			17.2. WRAP SHALL BE TIED WITH RATCHET STYLE STRAP OR WIRE. THE MATERIAL SHALL NOT CONTACT TRUNK.		21.8. BASED UPON THE NUMBER AND SIZE OF TREES VARIOUS STRATEGIES CAN BE CONSIDERED TO MAINTAIN ADEQUATE SOIL MOISTURE DURING THESE TIMES. THESE STRATEGIES MAY INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:	
6. WOOD CHIP MULCH			17.3. WRAP SHALL BE REMOVED PROMPTLY AFTER CONSTRUCTION.		22.1. FIRE HYDRANT CONNECTION WITH TIMER AND DRIP IRRIGATION HOSE / TUBING.	
6.1. INSTALL WOOD CHIP MULCH. MULCH AREA SHALL BE ONE OF THE FOLLOWING, AT THE DISCRETION OF THE CONTRACT ARBORIST AND OWNER:			17.4. IF WRAP IS TO BE IN PLACE FOR MORE THAN 1 MONTH DURING THE GROWING SEASON, THE CONTRACT ARBORIST SHALL RE-ADJUST THE WRAP AND STRAPPING TO MINIMIZE DAMAGE AND IMPACTS TO TRUNK GROWTH.		22.2. WATER TANK TRUCK AND HAND APPLIED AS DIRECTED.	
6.1.1. INSTALL MULCH BED RINGS. MULCH SHOULD COVER AT LEAST THE ENTIRE STRUCTURAL ROOT ZONE. LARGER MULCH BEDS ARE PREFERRED.			18. INVASIVE SPECIES CONTROL/HUMAN HEALTH RISK MANAGEMENT		22.3. TEMPORARY ABOVE GRADE POLY TANK WITH TIMERS FOR DRIP OR SOAKER HOSES AT EACH TPA.	
6.1.2. PROVIDE CONTINUOUS MULCH STRIP 10' TO 15' WIDE ALONG LOD WITHIN PRESERVED CRZ AREAS.			18.1. THE CONTRACT ARBORIST SHALL INSPECT THE ON-SITE TREE PROTECTION AREAS FOR INVASIVE AND/OR EXOTIC PLANT SPECIES. FINDINGS SHALL BE DOCUMENTED AND SUBMITTED TO OWNER AND UFGM.		22.4. 30-50 GALLON WATERING CANS WITH 6-8 DRILLED HOLES IN BOTTOM TO ALLOW SLOW SEEPING OF WATER WITH SPACING AND ROTATION TO REACH DESIRED GALLONS.	
6.2. MULCH SHALL BE INSTALLED TO A DEPTH OF 4". TOTAL MULCH DEPTH SHALL NOT EXCEED 4" SHOULD EXISTING MULCH BE PRESENT.			18.2. IF SIGNIFICANT LEVELS OF INVASIVE SPECIES ARE FOUND WITHIN TREE PROTECTION AREAS ON-SITE AND WITHIN 50 FEET OF THE PROJECT LIMITS OF DISTURBANCE (LOD), A TREATMENT PLAN SHALL BE DEVELOPED FOR THESE AREAS AND SUBMITTED TO OWNER AND UFGM.		22.4.5. EQUIVALENT MEANS OF EFFECTIVELY WATERING TREES AS APPROVED BY CONTRACT ARBORIST.	
6.3. MULCH SHALL BE DOUBLE GROUND SHREDDED HARDWOOD, AGED FOR AT LEAST 6 MONTHS FROM AN APPROVED SOURCE. INSUFFICIENTLY OR IMPROPERLY AGED MULCH CONTAINING HIGH BACTERIAL COUNTS OR HIGH LEVELS OF BARK, WALNUT, INVASIVE SPECIES, OR OTHER MATERIALS RESISTANT TO DECOMPOSITION SHALL NOT BE USED.			18.3. THE TREATMENT PLAN SHALL OUTLINE THE SPECIES PRESENT AND RELATIVE ABUNDANCE OF EACH. GENERAL AREAS WHERE THEY ARE FOUND ON THE SITE, AND MANAGEMENT RECOMMENDATIONS FOR THE REMOVAL AND TREATMENT OF THOSE SPECIES. REFER TO CURRENT ISA BEST MANAGEMENT PRACTICES AND ANY APPLICABLE STATE OR LOCAL PESTICIDE REGULATION. TREATMENTS AND REMOVAL METHODS SHALL CONFORM TO LOCAL, STATE AND FEDERAL REGULATIONS AND ACCEPTED INDUSTRY STANDARDS.		22.5. DROUGHT TIMES SHALL BE DEFINED AS:	
6.4. MULCH SHALL NOT CONTACT TRUNK OF TREES.			18.4. INVASIVE VINES WITHIN TREE PROTECTION AREAS SHALL BE HAND CUT AWAY FROM ALL RETAINED TREES. VINE STEMS SHALL BE CUT BY HAND, REMOVING A 1-2' SECTION OF STEM. REMAINING VINE SHOULD BE LEFT UNDISTURBED AND ALLOWED TO DECAY NATURALLY. DO NOT PULL VINES FROM CANOPY.		22.5.1. PERIODS DURING THE GROWING SEASON OF TWO WEEKS OR LONGER, WHERE DAYTIME HIGH TEMPERATURES REACH 80 DEGREES FAHRENHEIT OR HIGHER AND LESS THAN 3/4" RAINFALL IS RECORDED PER WEEK. OR	
6.5. EDGING SHALL NOT BE USED.			18.5. OWNER SHALL REMOVE FROM TREE PROTECTION AREAS, ALL DEBRIS THAT MAY POSE A HUMAN HEALTH RISK (SUCH AS METAL, WIRE OR GLASS). ANY OTHER CONDITION FOUND TO BE A POTENTIAL RISK SHALL BE REPORTED TO THE OWNER FOR FURTHER MANAGEMENT.		22.5.2. PERIODS DURING THE GROWING SEASON DESIGNATED AS "ABNORMALLY DRY" OR "DROUGHT" OF ANY SEVERITY, BY THE U.S. DROUGHT MONITOR (HTTP://DROUGHTMONITOR.UNL.EDU); OR	
7. CONSTRUCTION MONITORING/INSPECTIONS			19. QUALITY ASSURANCE		22.5.3. ANY PERIOD OF EXTRAORDINARY CIRCUMSTANCE, AS DETERMINED BY THE PROJECT ARBORIST OR UFGM.	
7.1. A CERTIFIED ARBORIST SHALL MONITOR AND INSPECT THE SITE TO ENSURE ADHERENCE TO ALL TREE PROTECTION REQUIREMENTS.					22.6. A PRESCRIPTION FOR THE NUMBER OF GALLONS AND STRATEGY FOR WATERING DESIGNATED TREES WILL BE DEVELOPED. LARGE MATURE TREES WITH IMPACTS TO ROOT SYSTEMS REQUIRE AS MUCH AS 100-250 GALLONS PER WEEK DURING 90 DEGREE DAYS DURING SUMMER DROUGHT TIMES.	
7.2. THIS WORK IS TYPICALLY PERFORMED BY THE CONTRACT ARBORIST, TO BE HIRED BY THE GENERAL CONTRACTOR OR OWNER.					22.7. PERIODIC INSPECTIONS BY AN ISA CERTIFIED ARBORIST (PROVIDED BY THE CONTRACT ARBORIST) AT THIS TIME ARE CRITICAL. DEPTH OF MOISTURE IN SOILS SHALL BE DETERMINED BY SOIL SAMPLE TUBE OR OTHER EXPLORATORY MEANS.	
7.3. SCHEDULE:					22.8. PRIOR TO CONSTRUCTION COMPLETION, THE CONTRACT ARBORIST SHALL PROVIDE A POST-CONSTRUCTION AFTERCARE PROGRAM FOR UP TO THREE (3) YEARS DURATION TO BE CONSIDERED BY THE OWNER.	
7.3.1. PHASE 1 (DURING INITIAL CLEARING AND INSTALLATION OF TREE PROTECTION AND PERIMETER E&S CONTROLS) INSPECTIONS SHALL BE AT LEAST WEEKLY.						
7.3.2. PHASE 2 (DURING ALL REMAINING SITE WORK AND UNTIL PROJECT COMPLETION) INSPECTIONS SHALL BE AT LEAST MONTHLY.						
7.3.3. TRANSITION FROM WEEKLY TO MONTHLY SCHEDULE SHALL REQUIRE OWNER APPROVAL.						
7.4. MONITORING REPORTS SHALL BE PROVIDED TO THE OWNER. REPORTS SHALL DOCUMENT CONDITION OF TREE PROTECTION DEVICES AND PROVIDE RECOMMENDATIONS FOR MAINTENANCE AND/OR ADDITIONAL CARE.						
7.5. ADDITIONAL ARBORIST INSPECTIONS AND/OR DIRECT ARBORIST OVERSIGHT OF CRITICAL TREE PRESERVATION ACTIVITIES, TREE PRUNING, TREE REMOVAL, OR OTHER SENSITIVE ACTIVITIES MAY BE REQUIRED. WEEKLY INSPECTIONS DO NOT SATISFY THE NEED FOR DIRECT ARBORIST OVERSIGHT THAT MAY BE REQUIRED FOR SPECIFIC ACTIVITIES AS DICTATED BY THIS SCHEDULE AND ON AS NEEDED BASIS.						
8. MISCELLANEOUS TREE PROTECTION REQUIREMENTS						
8.1. NO TOXIC MATERIALS SHALL BE STORED WITHIN 100' OF TREE PROTECTION AREAS.						
8.2. ALL WORK IN OR NEAR TREE PROTECTION AREAS SHALL BE PERFORMED IN A MANNER TO MINIMIZE DAMAGE TO TREES, SHRUBS, GROUND COVER, SOIL AND ROOT SYSTEMS.						
8.3. MECHANIZED EQUIPMENT SHALL NOT BE PERMITTED TO ENTER ANY TREE PROTECTION AREAS WITHOUT EXPLICIT APPROVAL BY THE PROJECT ARBORIST AND UFGM, AND WITH ADEQUATE APPROVED ROOT PROTECTION DEVICES.						
9. CANOPY PRUNING & SUPPORT CABLES						
9.1. CANOPY PRUNING SHALL BE CLEANING PRUNING AND/OR RESTORATION PRUNING AND SHALL BE PERFORMED IN CONFORMANCE WITH CURRENT ANSI A300 STANDARDS AND ISA BEST MANAGEMENT PRACTICES.						
9.2. PRUNING SHALL REMOVE ONLY DEAD, DYING, DAMAGED OR BROKEN BRANCHES GREATER THAN 1" IN DIAMETER. PRUNING OF SMALL TREES MAY INCLUDE REMOVAL OF LIMBS TO IMPROVE STRUCTURE.						
9.3. FOLIAGE REMOVAL SHALL NOT BE MORE THAN 25% OF THE TOTAL LIVE CANOPY VOLUME OF ANY TREE IN ANY ONE SEASON. PRUNING SHALL NOT REMOVE INTERIOR BRANCHING EXCEPT AS OTHERWISE STATED.						
9.4. PRUNING FOR SPECIFIC CLEARANCE (FOR CONSTRUCTION ACCESS OR PROPOSED IMPROVEMENTS) SHALL BE REVIEWED AND APPROVED BY THE OWNER.						

NOT FOR CONSTRUCTION

DISCLAIMER: THIS IS NOT A SURVEY. THIS MAP WAS NOT PREPARED BY A LICENSED NORTH CAROLINA PROFESSIONAL LAND SURVEYOR. ALL BOUNDARIES, DISTANCES, AND FEATURE LOCATIONS ARE CONSIDERED APPROXIMATE AND NOT MEANT TO BE ABSOLUTE. THIS MAP REPRESENTS A PRELIMINARY SKETCH PREPARED FROM FIELD NOTES.

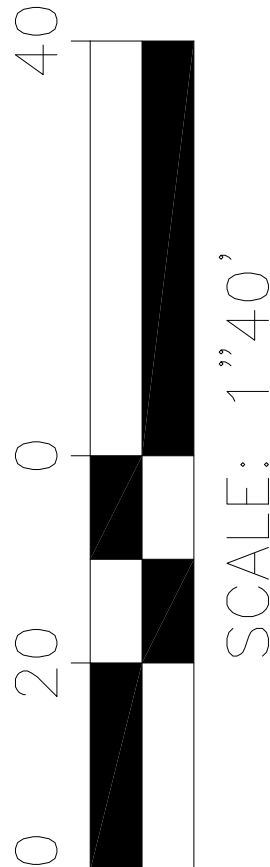
DATE:
11/07/2022

SHEET NO

2

OF 2

CENTRAL PARK SOUTH
GASTON COUNTY, NORTH CAROLINA
TREE SAVE AREAS &
TREE PROTECTION PLAN



Davey Resource Group, INC.
3101 Poplarwood Ct.
Suite 120
Raleigh N.C. 27604
License No. C-4174

DAVEY
Resource Group

STATE OF NORTH CAROLINA
GASTON COUNTY

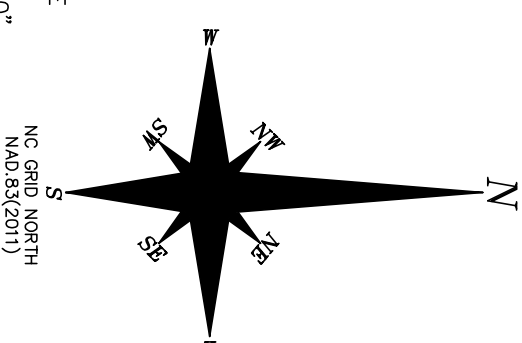
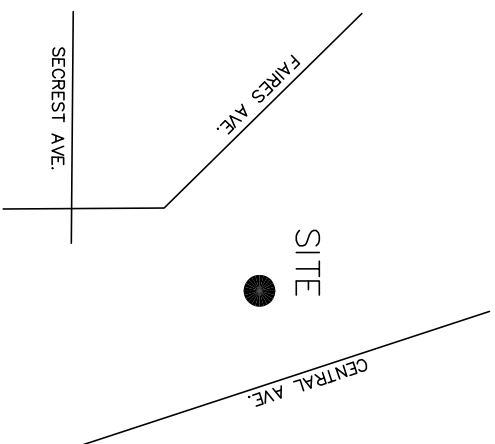
I certify that this map was drawn from an actual survey made under my supervision. The unadjusted error of closure as calculated is 1': 10,000+. Boundaries not surveyed, if any, are noted. Deed descriptions are recorded in Book AS, Page SHOWN.

Witness my hand and seal this _____ day of _____, 20____

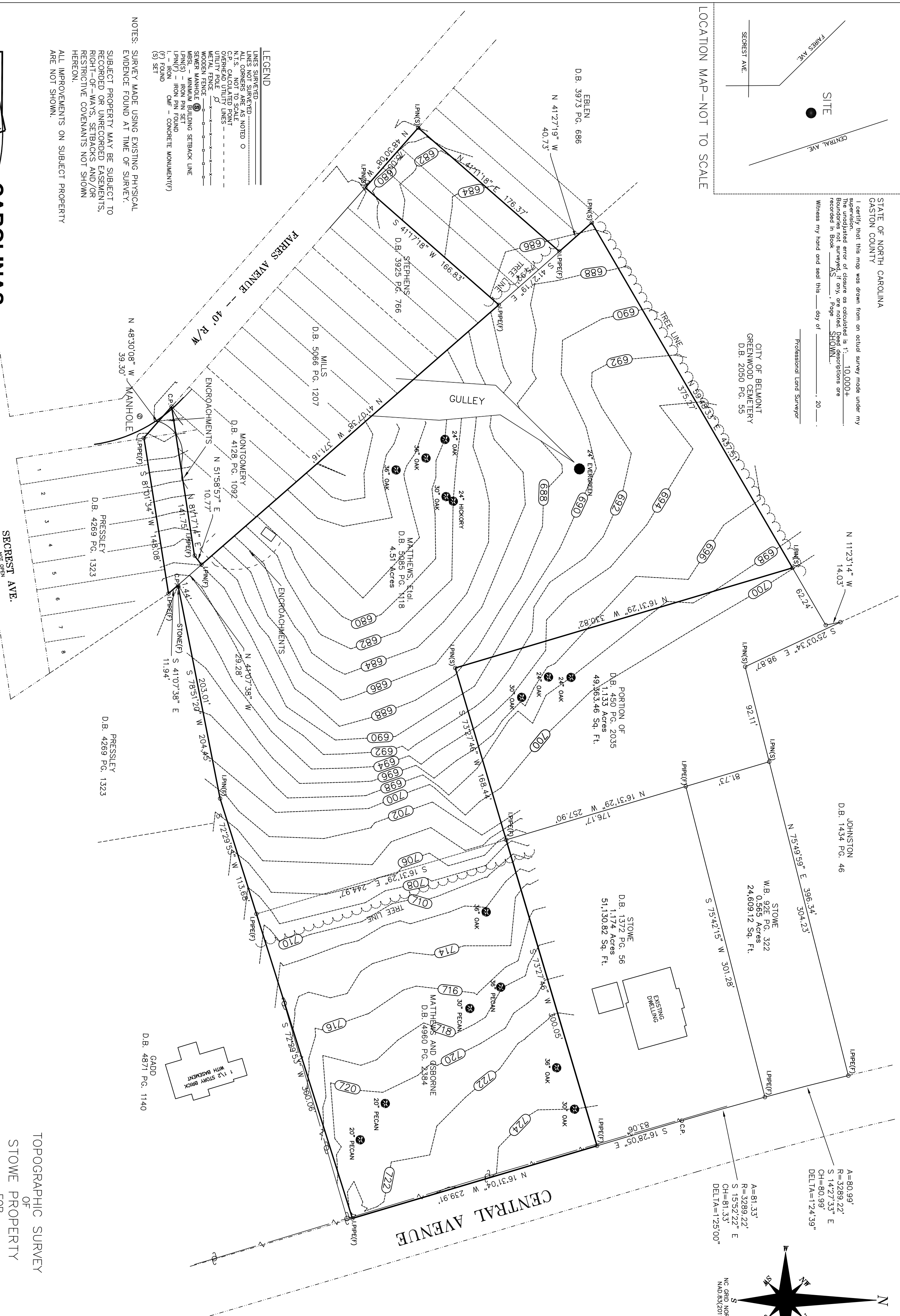
Professional Land Surveyor

CITY OF BELMONT
GREENWOOD CEMETER
D.B. 2050 PG. 55

LOCATION MAP-NOT TO SCALE



A=80.99'
R=3289.22'
S 14°27'33" E
CH=80.99'
DELTA=1°24'39"



NOTES: SURETY MADE USING EXISTING PHYSICAL EVIDENCE FOUND AT TIME OF SURETY.

**CAROLINAS
DESIGN
GROUP, PLLC**

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NC LICENSE #P-0186

TOPOGRAPHIC SURVEY
OF
STOWE PROPERTY
FOR
ALICE MATTHEWS
SOUTHPOINT TOWNSHIP
GASTON COUNTY, N.C.

DATE: MAY 19, 2020
DRAWN BY: MIC

SCALE: 1"=60'
CADD #8872TOP0

SCALE IN FEET

WORK ORDER # 8872