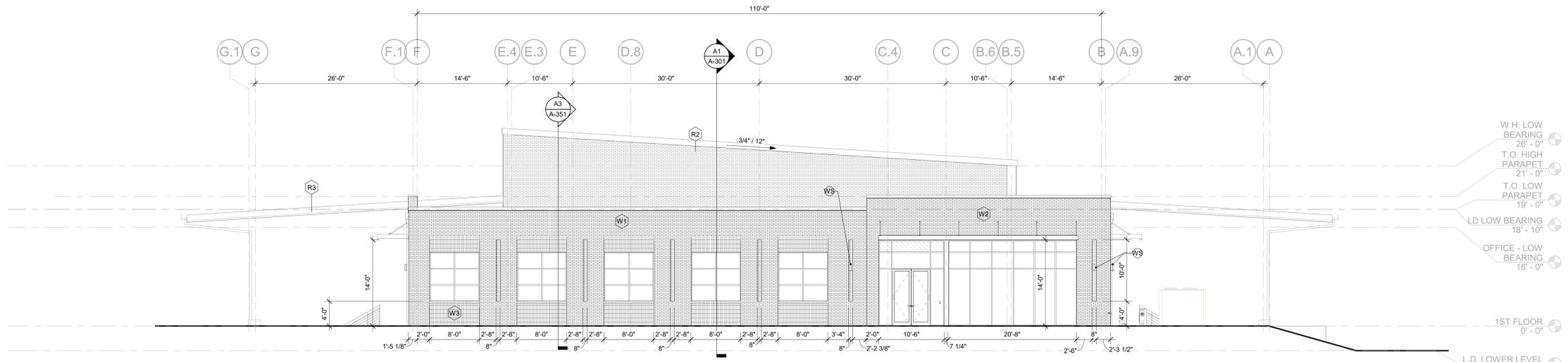
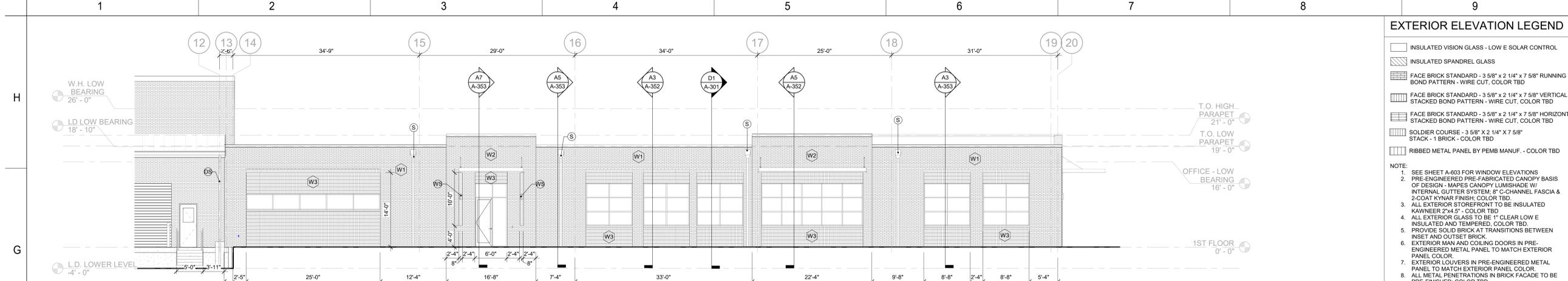


**EXTERIOR ELEVATION LEGEND**

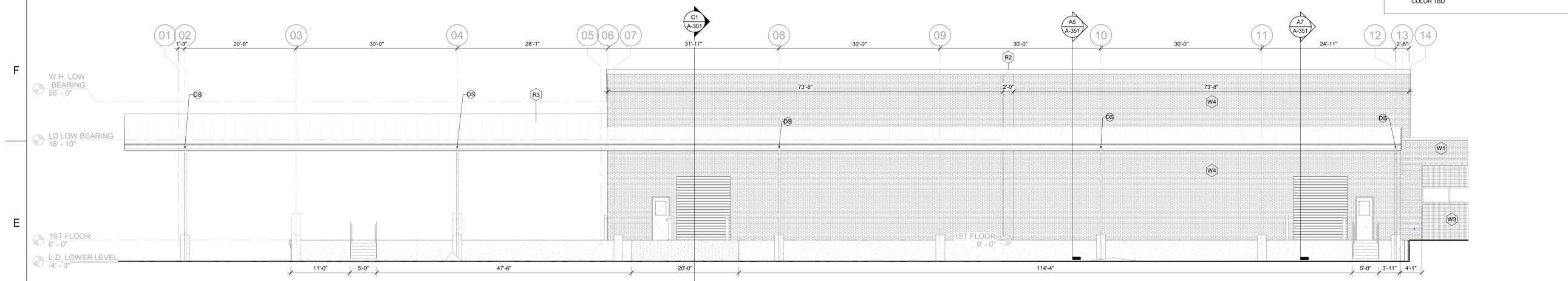
- INSULATED VISION GLASS - LOW E SOLAR CONTROL
- INSULATED SPANDREL GLASS
- FACE BRICK STANDARD - 3 5/8" x 2 1/4" x 7 5/8" RUNNING BOND PATTERN - WIRE CUT, COLOR TBD
- FACE BRICK STANDARD - 3 5/8" x 2 1/4" x 7 5/8" VERTICAL STACKED BOND PATTERN - WIRE CUT, COLOR TBD
- FACE BRICK STANDARD - 3 5/8" x 2 1/4" x 7 5/8" HORIZONTAL STACKED BOND PATTERN - WIRE CUT, COLOR TBD
- SOLDIER COURSE - 3 5/8" x 2 1/4" x 7 5/8" STACK - 1 BRICK - COLOR TBD
- RIBBED METAL PANEL BY PEMB MANUF. - COLOR TBD

- NOTE:**
1. SEE SHEET A-603 FOR WINDOW ELEVATIONS
  2. PRE-ENGINEERED PRE-FABRICATED CANOPY BASIS OF DESIGN - MAPES CANOPY LUMISHADE W/ INTERNAL GUTTER SYSTEM; 8" C-CHANNEL FASCIA & 2 COAT KYMAR FINISH; COLOR TBD
  3. ALL EXTERIOR STOREFRONT TO BE INSULATED KAWNEER 2"x4.5" - COLOR TBD
  4. ALL EXTERIOR GLASS TO BE 1" CLEAR LOW E INSULATED AND TEMPERED, COLOR TBD.
  5. PROVIDE SOLID BRICK AT TRANSITIONS BETWEEN INSET AND OUTSET BRICK.
  6. EXTERIOR MAN AND COILING DOORS IN PRE-ENGINEERED METAL PANEL TO MATCH EXTERIOR PANEL COLOR.
  7. EXTERIOR LOUVERS IN PRE-ENGINEERED METAL PANEL TO MATCH EXTERIOR PANEL COLOR.
  8. ALL METAL PENETRATIONS IN BRICK FACADE TO BE PRE-FINISHED, COLOR TBD
  9. TIE ALL DOWNSPOUTS INTO STORM WATER SYSTEM
  10. ALL BOLLARDS TO BE 4'-0" HIGH 4" DIA. STEEL PIPE FILLED WITH CONCRETE; COLOR SAFETY YELLOW
  11. SEE STRUCTURAL FOR CONCRETE WRAPS AT COLUMN LOCATIONS; COLOR SAFETY YELLOW
  12. PRE-MANUFACTURED PRE-FINISHED METAL COPING CAP W/ CONTINUOUS PRE-FORMED CORNERS; COLOR TBD

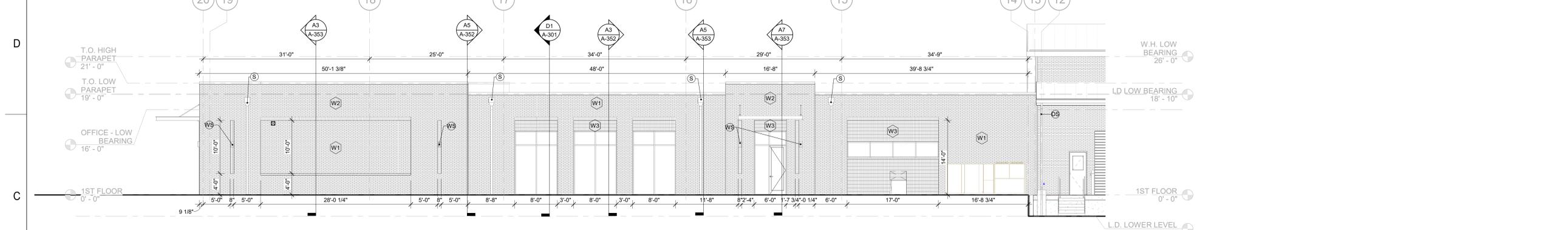




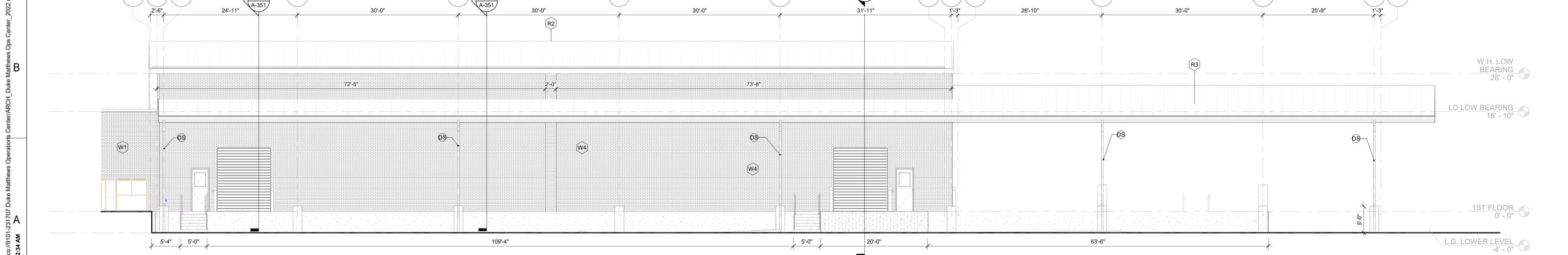
**G1 SOUTH ELEVATION - AREA B**  
1/8" = 1'-0"



**E1 SOUTH ELEVATION - AREA A**  
1/8" = 1'-0"



**C1 NORTH ELEVATION - AREA B**  
1/8" = 1'-0"



**A1 NORTH ELEVATION - AREA A**  
1/8" = 1'-0"

**EXTERIOR ELEVATION LEGEND**

- INSULATED VISION GLASS - LOW E SOLAR CONTROL
- INSULATED SPANDREL GLASS
- FACE BRICK STANDARD - 3.58" x 2.14" x 7.58" RUNNING BOND PATTERN - WIRE CUT, COLOR TBD
- FACE BRICK STANDARD - 3.58" x 2.14" x 7.58" VERTICAL STACKED BOND PATTERN - WIRE CUT, COLOR TBD
- FACE BRICK STANDARD - 3.58" x 2.14" x 7.58" HORIZONTAL STACKED BOND PATTERN - WIRE CUT, COLOR TBD
- SOLDIER COURSE - 3.58" x 2.14" x 7.58" STACK - 1 BRICK - COLOR TBD
- RIBBED METAL PANEL BY PEMB MANUF. - COLOR TBD

**NOTE:**

1. SEE SHEET A-303 FOR WINDOW ELEVATIONS
2. PRE-ENGINEERED PRE-FABRICATED CANOPY BASIS OF DESIGN - MAPES CANOPY LUMISHADE W/ INTERNAL GUTTER SYSTEM, 6" C-CHANNEL FASCIA & 2-COAT KYMAR FINISH, COLOR TBD.
3. ALL EXTERIOR STOREFRONT TO BE INSULATED KAWNEER 2'x4'5" - COLOR TBD
4. ALL EXTERIOR GLASS TO BE 1" CLEAR LOW E INSULATED AND TEMPERED, COLOR TBD.
5. PROVIDE SOLID BRICK AT TRANSITIONS BETWEEN INSET AND OUTSET BRICK
6. EXTERIOR MAN AND COILING DOORS IN PRE-ENGINEERED METAL PANEL TO MATCH EXTERIOR PANEL COLOR.
7. EXTERIOR LOUVERS IN PRE-ENGINEERED METAL PANEL TO MATCH EXTERIOR PANEL COLOR
8. ALL METAL PENETRATIONS IN BRICK FAÇADE TO BE PRE-FINISHED, COLOR TBD
9. ALL DOWNSPUTS INTO STORM WATER SYSTEM
10. ALL BOLLARDS TO BE 4" HIGH 6" DIA. STEEL PIPE FILLED WITH CONCRETE, COLOR SAFETY YELLOW
11. SEE STRUCTURAL FOR CONCRETE WRAPS AT COLUMN LOCATIONS, COLOR SAFETY YELLOW
12. PRE-MANUFACTURED PRE-FINISHED METAL COPING CAP W/ CONTINUOUS PRE-FINISHED CORNERS, COLOR TBD

DRAWING NO.  
**CFD-####-A-202-#####**

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**Safety**

Reduce Risk  
Reinforce Safe Behavior

**PROPOSED**

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**SITE NAME**  
BLDG NAME\_1  
BLDG LOC\_NAME\_2  
PROJECT ADDRESS  
CITY, STATE

**PROJECT DESCRIPTION 1**  
**PROJECT DESCRIPTION 2**

MARK	DATE	BY	REVISION	ISSUED FOR CONSTRUCTION
1	02/09/2024	Author	1	ISSUED FOR CONSTRUCTION
2			2	
3			3	
4			4	
5			5	
6			6	
7			7	
8			8	
9			9	
10			10	

PROJECT NUMBER: 9101-231707  
DRAWING NUMBER: **CFD-####-A-202-#####**  
ELECTRONIC FILE NAME:  
DRAWN BY: Author  
CHKD BY: Checker DATE: 02/09/2024  
E-MAIL: CHNKINCHLOE@LS3P.COM

**EXTERIOR ELEVATIONS**

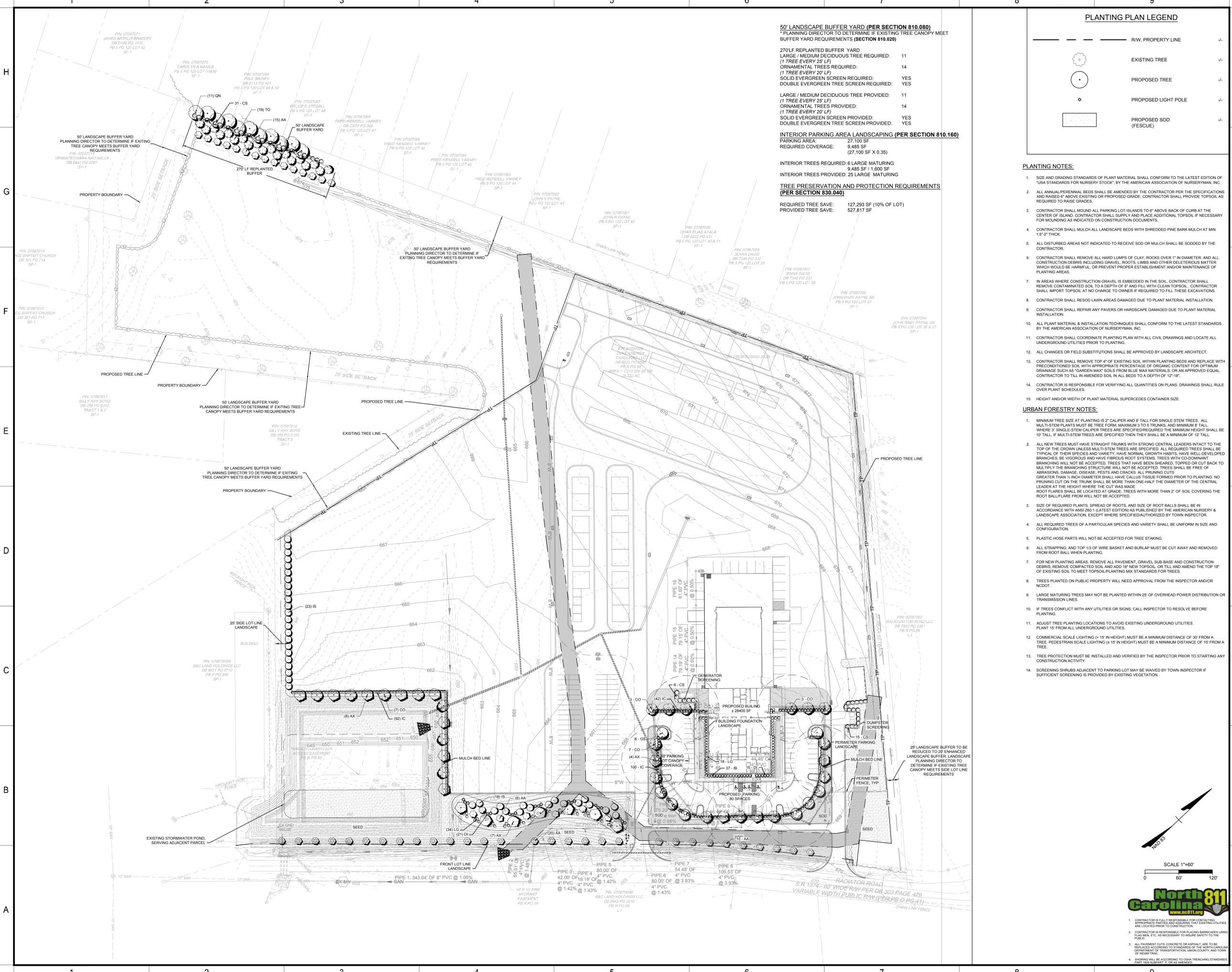
SHEET TITLE  
**A-202**

SHEET NO.

Autodesk Docs/9101-231707 Duke Matthews Operations Center/ARCH\_Duke Matthews Ops Center\_2022.rvt  
2/9/2024 8:32:34 AM







**50' LANDSCAPE BUFFER YARD (PER SECTION 810.020)**  
 \* PLANNING DIRECTOR TO DETERMINE IF EXISTING TREE CANOPY MEET BUFFER YARD REQUIREMENTS (SECTION 810.020)

270 LF REPLANTED BUFFER YARD LARGE / MEDIUM DECIDUOUS TREE REQUIRED: (1 TREE EVERY 25' LF)	11
ORNAMENTAL TREES REQUIRED: (1 TREE EVERY 20' LF)	14
SOLID EVERGREEN SCREEN REQUIRED:	YES
DOUBLE EVERGREEN TREE SCREEN REQUIRED:	YES
LARGE / MEDIUM DECIDUOUS TREE PROVIDED: (1 TREE EVERY 25' LF)	11
ORNAMENTAL TREES PROVIDED: (1 TREE EVERY 20' LF)	14
SOLID EVERGREEN SCREEN PROVIDED:	YES
DOUBLE EVERGREEN TREE SCREEN PROVIDED:	YES

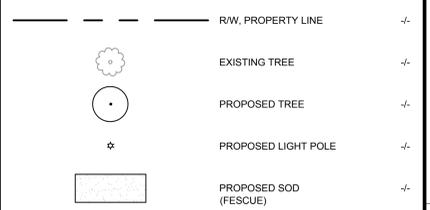
**INTERIOR PARKING AREA LANDSCAPING (PER SECTION 810.160)**  
 PARKING AREA: 27,100 SF  
 REQUIRED COVERAGE: 9,485 SF  
 (27,100 SF X 0.35)

INTERIOR TREES REQUIRED: 6 LARGE MATURING  
 9,485 SF / 1,600 SF  
 INTERIOR TREES PROVIDED: 25 LARGE MATURING

**TREE PRESERVATION AND PROTECTION REQUIREMENTS (PER SECTION 830.040)**

REQUIRED TREE SAVE: 127,293 SF (10% OF LOT)  
 PROVIDED TREE SAVE: 527,817 SF

**PLANTING PLAN LEGEND**



**PLANTING NOTES:**

- SIZE AND GRADING STANDARDS OF PLANT MATERIAL SHALL CONFORM TO THE LATEST EDITION OF "USA STANDARDS FOR NURSERY STOCK," BY THE AMERICAN ASSOCIATION OF NURSERYMAN, INC.
- ALL ANNUAL/PERENNIAL BEDS SHALL BE AMENDED BY THE CONTRACTOR PER THE SPECIFICATIONS AND RAISED IF ABOVE EXISTING OR PROPOSED GRADE. CONTRACTOR SHALL PROVIDE TOPSOIL AS REQUIRED TO RAISE GRADES.
- CONTRACTOR SHALL MOUND ALL PARKING LOT ISLANDS TO 6" ABOVE BACK OF CURB AT THE CENTER OF ISLAND. CONTRACTOR SHALL SUPPLY AND PLACE ADDITIONAL TOPSOIL IF NECESSARY FOR MOUNDING AS INDICATED ON CONSTRUCTION DOCUMENTS.
- CONTRACTOR SHALL MULCH ALL LANDSCAPE BEDS WITH SHREDDED PINE BARK MULCH AT MIN 1.5" THICK.
- ALL DISTURBED AREAS NOT INDICATED TO RECEIVE SOD OR MULCH SHALL BE SOODED BY THE CONTRACTOR.
- CONTRACTOR SHALL REMOVE ALL HARD LUMPS OF CLAY, ROCKS OVER 1" IN DIAMETER, AND ALL CONSTRUCTION DEBRIS INCLUDING GRAVEL, ROOTS, LIMBS AND OTHER DELETERIOUS MATTER WHICH WOULD BE HARMFUL, OR PREVENT PROPER ESTABLISHMENT AND/OR MAINTENANCE OF PLANTING AREAS.
- IN AREAS WHERE CONSTRUCTION GRAVEL IS EMBEDDED IN THE SOIL, CONTRACTOR SHALL REMOVE CONTAMINATED SOIL TO A DEPTH OF 6" AND FILL WITH CLEAN TOPSOIL. CONTRACTOR SHALL IMPORT TOPSOIL AT NO CHARGE TO OWNER IF REQUIRED TO FILL THESE EXCAVATIONS.
- CONTRACTOR SHALL RESEED LAWN AREAS DAMAGED DUE TO PLANT MATERIAL INSTALLATION.
- CONTRACTOR SHALL REPAIR ANY PAVES OR HARDSCAPE DAMAGED DUE TO PLANT MATERIAL INSTALLATION.
- ALL PLANT MATERIAL & INSTALLATION TECHNIQUES SHALL CONFORM TO THE LATEST STANDARDS BY THE AMERICAN ASSOCIATION OF NURSERYMAN, INC.
- CONTRACTOR SHALL COORDINATE PLANTING PLAN WITH ALL CIVIL DRAWINGS AND LOCATE ALL UNDERGROUND UTILITIES PRIOR TO PLANTING.
- ALL CHANGES OR FIELD SUBSTITUTIONS SHALL BE APPROVED BY LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL REMOVE TOP 4" OF EXISTING SOIL WITHIN PLANTING BEDS AND REPLACE WITH PRECONDITIONED SOIL WITH APPROPRIATE PERCENTAGE OF ORGANIC CONTENT FOR OPTIMUM BRANCHING SUCH AS "GARDEN MAKER" SOILS FROM BLUE MAX MATERIALS, OR AN APPROVED EQUAL. CONTRACTOR TO TILL IN AMENDED SOIL IN ALL BEDS TO A DEPTH OF 12" - 18".
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON PLANS. DRAWINGS SHALL RULE OVER PLANT SCHEDULES.
- HEIGHT AND/OR WIDTH OF PLANT MATERIAL SUPERCEDES CONTAINER SIZE.

**URBAN FORESTRY NOTES:**

- MINIMUM TREE SIZE AT PLANTING IS 2" CALIPER AND 8' TALL FOR SINGLE STEM TREES. ALL MULTI-STEM PLANTS MUST BE TREE FORM, MAXIMUM 10' TALL, AND MINIMUM 8' TALL WHERE 3" SINGLE-STEM CALIPER TREES ARE SPECIFIED. THE MINIMUM HEIGHT SHALL BE 10' TALL. IF MULTI-STEM TREES ARE SPECIFIED THEN THEY SHALL BE A MINIMUM OF 12' TALL.
- ALL NEW TREES MUST HAVE STRAIGHT TRUNKS WITH STRONG CENTRAL LEADERS INTACT TO THE TOP OF THE CROWN UNLESS MULTI-STEM TREES ARE SPECIFIED. ALL REQUIRED TREES SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, HAVE WELL-DEVELOPED BRANCHES, BE VIGOROUS AND HAVE FIBROUS ROOT SYSTEMS. TREES WITH CO-DOMINANT BRANCHING WILL NOT BE ACCEPTED. TREES THAT HAVE BEEN SHEARED, TOPPED OR CUT BACK TO MULTIPLY THE BRANCHING STRUCTURE WILL NOT BE ACCEPTED. TREES SHALL BE FREE OF ABRASIONS, DAMAGE, DISEASE, PESTS AND CRACKS. ALL PRUNING CUTS GREATER THAN 1/2" INCH DIAMETER SHALL HAVE CALLUS TISSUE FORMED PRIOR TO PLANTING. NO PRUNING CUT ON THE TRUNK SHALL BE MORE THAN ONE-HALF THE DIAMETER OF THE CENTRAL LEADER AT THE HEIGHT WHERE THE CUT WAS MADE. ROOT FLARES SHALL BE LOCATED AT GRADE. TREES WITH MORE THAN 2" OF SOIL COVERING THE ROOT BALL/FLARE FROM WILL NOT BE ACCEPTED.
- SIZE OF REQUIRED PLANTS, SPREAD OF ROOTS, AND SIZE OF ROOT BALLS SHALL BE IN ACCORDANCE WITH ANSI Z60.1 (LATEST EDITION) AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, EXCEPT WHERE SPECIFIED OTHERWISE BY TOWN INSPECTOR.
- ALL REQUIRED TREES OF A PARTICULAR SPECIES AND VARIETY SHALL BE UNIFORM IN SIZE AND CONFIGURATION.
- PLASTIC HOSE PARTS WILL NOT BE ACCEPTED FOR TREE STAKING.
- ALL STRAPPING, AND TOP 1/3 OF WIRE BASKET AND BURLAP MUST BE CUT AWAY AND REMOVED FROM ROOT BALL WHEN PLANTING.
- FOR NEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL, SUB-BASE AND CONSTRUCTION DEBRIS; REMOVE COMPACTED SOIL AND ADD 18" NEW TOPSOIL, OR TILL AND AMEND THE TOP 18" OF EXISTING SOIL TO MEET TOPSOIL/PLANTING MIX STANDARDS FOR TREES.
- TREES PLANTED ON PUBLIC PROPERTY WILL NEED APPROVAL FROM THE INSPECTOR AND/OR NCDDOT.
- LARGE MATURING TREES MAY NOT BE PLANTED WITHIN 25' OF OVERHEAD POWER DISTRIBUTION OR TRANSMISSION LINES.
- IF TREES CONFLICT WITH ANY UTILITIES OR SIGNS, CALL INSPECTOR TO RESOLVE BEFORE PLANTING.
- ADJUST TREE PLANTING LOCATIONS TO AVOID EXISTING UNDERGROUND UTILITIES. PLANT 15' FROM ALL UNDERGROUND UTILITIES.
- COMMERCIAL SCALE LIGHTING (6' 15" IN HEIGHT) MUST BE A MINIMUM DISTANCE OF 30' FROM A TREE. PEDESTRIAN SCALE LIGHTING (6' 15" IN HEIGHT) MUST BE A MINIMUM DISTANCE OF 15' FROM A TREE.
- TREE PROTECTION MUST BE INSTALLED AND VERIFIED BY THE INSPECTOR PRIOR TO STARTING ANY CONSTRUCTION ACTIVITY.
- SCREENING SHRUBS ADJACENT TO PARKING LOT MAY BE WAIVED BY TOWN INSPECTOR IF SUFFICIENT SCREENING IS PROVIDED BY EXISTING VEGETATION.

DRAWING NO.  
 CFD-####-X-XXXX-XXXXXX

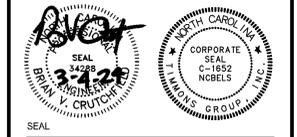


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**Safety Expectations:**



**TIMMONS GROUP**  
 YOUR VISION ACHIEVED THROUGH OURS.  
 610 East Morehead Street, Suite 250  
 Charlotte, North Carolina 28202  
 North Carolina License No. C-1652



**DUKE ENERGY MATTHEWS OPERATIONS CENTER**

300 RADIATOR RD  
 INDIAN TRAIL, NC

REVISION	
DATE	
MARK	

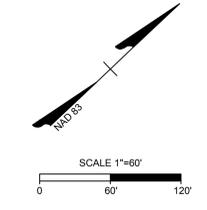
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 DRAWING NUMBER  
 CFD-####-X-XXXX-XXXXXX

ELECTRONIC FILE NAME:  
 DRAWN BY: S GOZZIALSKI  
 CHK'D BY: J DOLAN  
 E-MAIL: jason.dolan@timmons.com

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 SHEET TITLE:

**PLANTING PLAN**

SHEET NO.  
**L-100**



- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE AGENCIES AND AGENCIES THAT EXISTING UTILITIES ARE LOCATED PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES USING PULPCHIN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
- ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION, UNION COUNTY, AND TOWN OF INDIAN TRAIL.
- SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1908 SUBPART F, OR AS AMENDED.