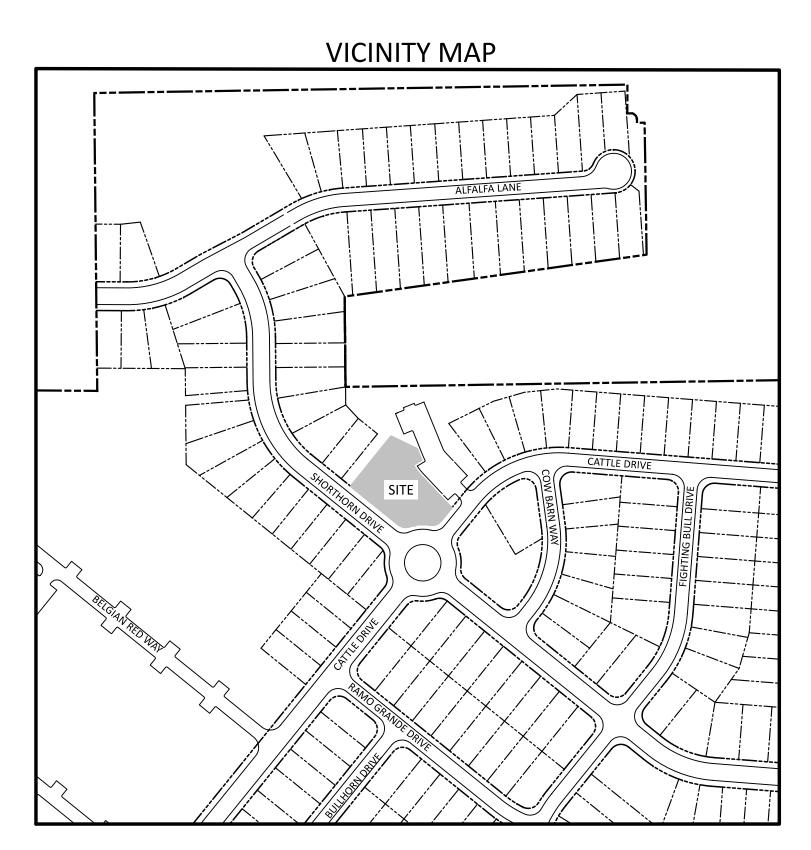
# PRESTLEIGH AT JONES DAIRY



SCALE: 1" = 200'

SITE DEVELOPMENT PLAN
AMENITY CENTER
ACTIVE OPEN SPACE #2
B.M. 2023, PG. 2190

1001 CATTLE DRIVE ROLESVILLE, NC PROJECT ID NO: SDP-24-02

> FEBRUARY 29, 2024 REVISED: APRIL 29, 2024

# OWNER/DEVELOPER

PRESERVE AT JONES DAIRY, LLC 10534 ARNOLD PALMER DRIVE RALEIGH, NC 27617 919-491-0761

PROPOSED SITE DATA - AMENITY CENTER			
LOT AREA	55,288 SF (1.27 AC)		
SETBACKS			
FRONT AND REAR:	25'		
SIDE:	5'		
CORNER:	10'		
DISTURBED AREA	27,589 SF (0.63 AC)		
BUILDING AREA	788 SF		
NUMBER OF STORIES	1 STORY		
IMPERVIOUS AREA	9,376 SF		
PROPOSED USE	AMENITY CENTER (POOL HOUSE AND POOL)		

SITE DATA - SUBDIVISION				
ZONING		R & PUD		
EXISTING SITE AREA		88.59 ACRES (3,859,005 SF)		
R/W DEDICATION		0.78 ACRES (34,140 SF) JONES DAIRY ROAD		
OTHER DEDICATIONS		0.15 ACRES (6,824 SF) AVERETTE ROAD SIDEWALK		
PROPOSED NET SITE	AREA	87.66 ACRES (3,818,041 SF)		
PROPOSED USE		SINGLE FAMILY AND TOWNHOME UNITS		
SINGLE FAMILY UNI	ΓS	260 UNITS		
TOWNHOME UNITS		179 UNITS		
TOTALS UNITS		439 UNITS		
SINGLE FAMILY AREA (GROSS)		68.52 ACRES (2,984,678 SF)		
TOWNHOME AREA (GROSS) 20.07 A		20.07 ACRES (874,327 SF)		
DENSITY				
SINGLE FAMILY	260 UNITS/68.52 ACRES = 3.79 UNITS/ACRE			
TOWNHOME	179 UNITS/20.07 ACRES = 8.92 UNITS/ACRE			
CENTRAL	439 UNITS/88.59 ACRES = 4.96 UNITS/ACRE			

SHEET INDEX			
SHEET NO.	SHEET NAME	MOST CURRENT REVISION DATE	
C1.0	EXISTING CONDITIONS PLAN	04/29/2024	
C2.0	SITE PLAN	04/29/2024	
C3.0	UTILITY PLAN	04/29/2024	
C4.0	GRADING PLAN	04/29/2024	
L1.0	LANDSCAPE PLAN	04/29/2024	
D1.0	SITE DETAILS	04/29/2024	
	PLANS BY OTHERS		
SHEET NO.	SHEET NAME	MOST CURRENT REVISION DATE	
A0.1	BATHHOUSE FLOORPLAN	2/29/2024	
A0.2	BATHHOUSE BUILDING ELEVATIONS	2/29/2024	

PRESERVE AT JONES DAIRY - CENTRAL

PARCEL PINS:

• 1759992822

18509067871769094682

# STORMWATER MANAGEMENT NO

- STORMWATER MANAGEMENT CALCULATIONS PREVIOUSLY PROVIDED AS PART OF PRESERVE AT JONES DAIRY CENTRAL SUBDIVISION DI ANS
- THE PROJECT IS NOT LOCATED IN A WATERSUPPLY WATERSHED PROTECTION OVERLAY DISTRICT.
   THE PROJECT DOES NOT CONTAIN SPECIAL FLOOD HAZARD AREAS.

Rolesville
Genuine Community • Capital Connection • Est. 1837
Planning

SDP-24-02 Prestleigh at Jones Dairy Amenity Center

Date:

Town of Rolesville Planning Department



The Nau Company Consulting Civil Engineers

PO Box 810 Rolesville, NC 27571 919-435-6395 NCBELS License P-0751

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

ELECTRONIC APPROVAL: THIS APPROVAL IS BEING ISSUED ELECTRONICALLY. THIS APPROVAL IS VALID ONLY UPON THE SIGNATURE OF A CITY OF RALEIGH REVIEW OFFICER BELOW. THE CITY WILL RETAIN A COPY OF THE APPROVED PLANS. ANY WORK AUTHORIZED BY THIS APPROVAL MUST PROCEED IN ACCORDANCE WITH THE PLANS KEPT ON FILE WITH THE CITY. THIS ELECTRONIC APPROVAL MAY NOT BE EDITED ONCE ISSUED. ANY MODIFICATION TO THIS APPROVAL ONCE ISSUED WILL INVALIDATE THIS APPROVAL.

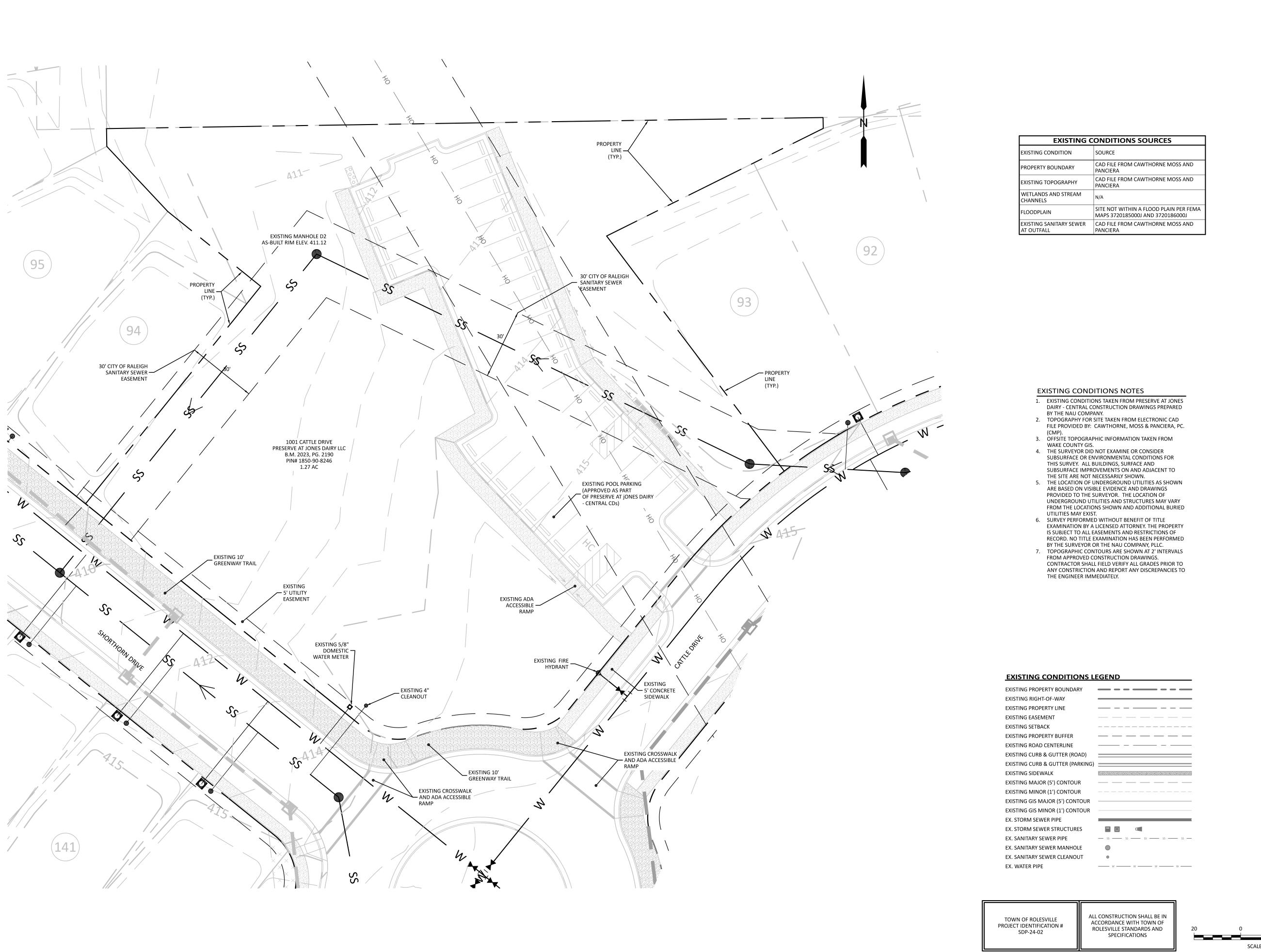
CITY OF RALEIGH DEVELOPMENT APPROVAL

RALEIGH WATER REVIEW OFFICER

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

TOWN OF ROLESVILLE PROJECT IDENTIFICATION # SDP-24-02

ALL CONSTRUCTION SHALL BE IN
ACCORDANCE WITH TOWN OF
ROLESVILLE STANDARDS AND
SPECIFICATIONS



SCALE: 1"=20' PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

The Nau Company Consulting Civil Engineers

CONDITIONS

JONES DAIF CENTER

PRESTLEIGH AT J AMENITY (

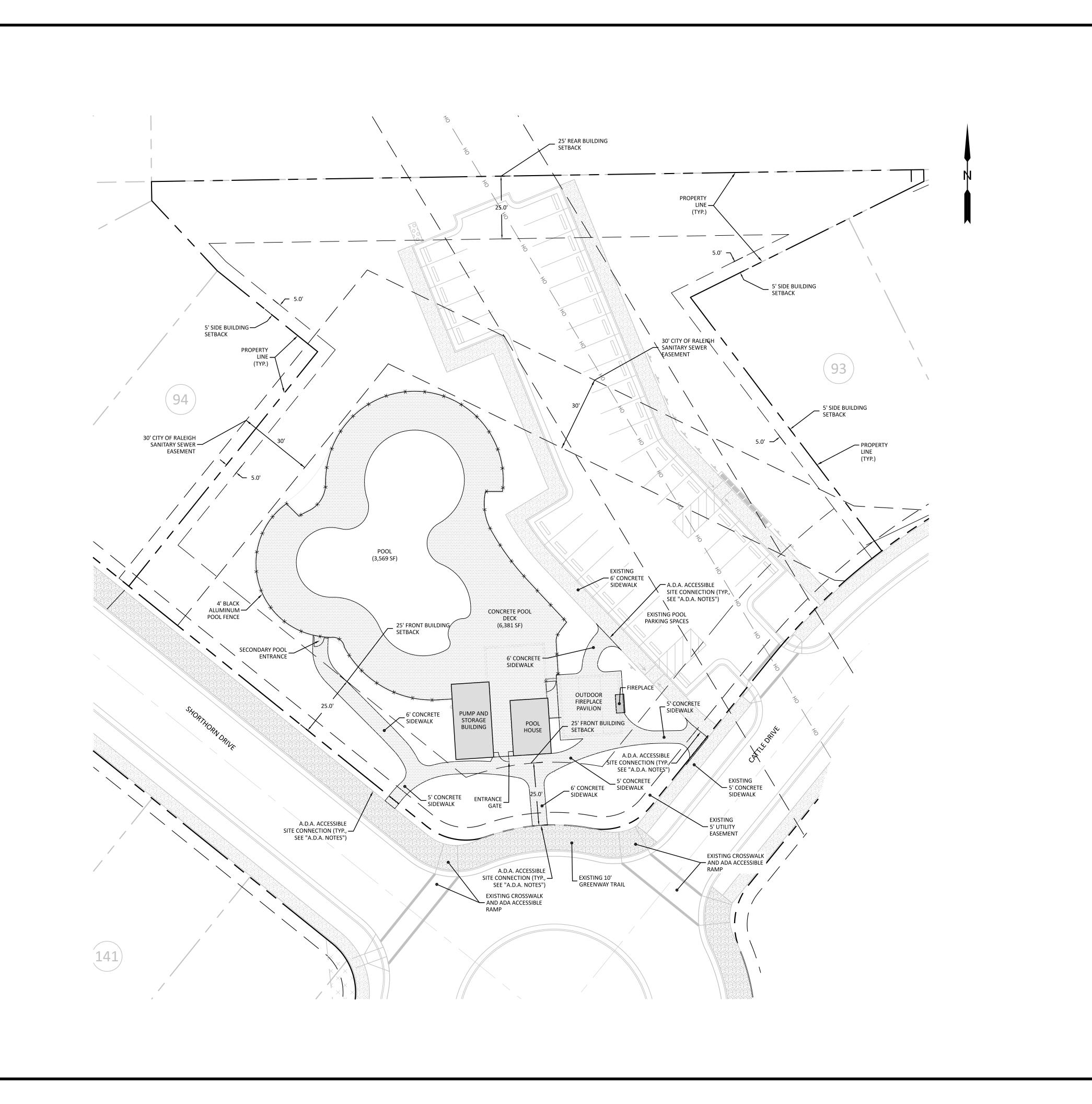
PROJECT NO:

DESIGN BY: DRAWN BY: RSF

SCALE:

2024-02-29

C1.0



#### **GENERAL NOTES**

- 1. THE DEVELOPER, CONTRACTOR, SUBCONTRACTORS AND SURVEYOR SHALL CONFIRM THAT THE MOST CURRENT SET OF PLANS AND/OR PLAN SHEET(S) ARE BEING USED FOR CONSTRUCTION AND SHALL KEEP A COPY OF SAID PLANS ON-SITE OR OTHERWISE AVAILABLE FOR REVIEW BY THE OWNER, THE
- OWNER'S REPRESENTATIVE(S) AND THE PERMITTING AUTHORITIES.

  2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION CONFERENCE WITH REPRESENTATIVES OF THE PERMITTING AUTHORITIES AND A REPRESENTATIVE OF THE OWNER.
- 3. THE CONTRACTOR SHALL CONFIRM THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FOR THE PROPOSED CONSTRUCTION.

  BEGINNING ANY ASPECT OF CONSTRUCTION OR FABRICATING ANY ITEM PRIOR TO RECIEVING ALL PLANS AND APPROPRIATE DOCUMENTATION OF APPROVAL SHALL CAUSE THE CONTRACTOR TO ASSUME FULL REPONSIBILITY FOR ANY SUBSEQUENT MODIFICATIONS TO THEIR WORK.
- 4. THE CONTRACTOR SHALL CONFIRM THAT ALL CONSTRUCTION AND CONSTRUCTION MATERIALS ARE IN ACCORDANCE WITH THE PERMITS ISSUED AND THE LATEST APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL CODES. IN THE EVENT OF CONFLICT BETWEEN ANY OF THESE STANDARDS, SPECIFICATIONS, OR PLANS, THE MOST STRINGENT SHALL GOVERN
- SPECIFICATIONS, OR PLANS, THE MOST STRINGENT SHALL GOVERN.

  THE CONTRACTOR SHALL DETERMINE AND BE RESPONSIBLE FOR THE MEANS AND METHODS NECESSARY FOR THE CONSTRUCTION OF THE PROJECT AS SHOWN ON THESE PLANS.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE PERMITTING AUTHORITY TO PROVIDE THE REQUIRED COORDINATION, DOCUMENTATION AND INSPECTIONS FOR THE RELOCATION OF, OR CONNECTION TO ANY EXISTING UTILITIES.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSPECTIONS

HAVE BEEN OBTAINED.

- REQUIRED TO PREPARE AS-BUILT CERTIFICATIONS.

  8. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING ANY OFFSITE EASEMENTS.

  9. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THAT ALL NECESSARY RIGHT OF WAY, EASEMENTS AND ENCROACHMENT AGREEMENTS
- 10. THE CONTRACTOR SHALL CONFIRM THE SIZE, LOCATION, CONDITION AND ELEVATION OF ALL EXISTING UTILITIES (INCLUDING STORM STRUCTURES) WITHIN THE LIMITS OF CONSTRUCTION (AND/OR TO BE CONNECTED TO) PRIOR TO BEGINNING CONSTRUCTION AND NOTIFY THE OWNER OR ENGINEER OF ANY DISCREPANCIES. BEGINNING CONSTRUCTION PRIOR TO LOCATING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION (AND/OR TO BE CONNECTED TO) AND NOTIFYING THE OWNER OR ENGINEER OF ANY DISCREPANCIES SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATIONS TO THEIR WORK.
- 11. DEPARTURES FROM THE APPROVED CONSTRUCTION DRAWINGS, MUNICIPAL SPECIFICATIONS OR ISSUED PERMITS THAT ARE DEEMED NECESSARY SHALL COORDINATED WITH THE APPROPRIATE PERMITTING AUTHORITY. CHANGES MADE WITHOUT THE APPROPRIATE APPROVAL SHALL CAUSE THE CONTRACTOR TO ASSUME RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATIONS TO THEIR WORK.
- 12. THE STAKING SURVEYOR AND/OR THEIR SUBCONTRACTOR SHALL INDEPENDENTLY VERIFY THE HORIZONTAL AND VERTICAL DATUM FOR THIS PROJECT PRIOR TO CONSTRUCTION.
- 13. RETAINING WALLS SHALL BE DESIGNED BY OTHERS.
- THE CONTRACTOR SHALL NOTE THAT THE PLANS DO NOT SHOW EVERY OFFSET, TRANSITION, FITTING ETC. THAT MAY BE REQUIRED FOR CONSTRUCTION.
   ALL GRADING, DIMENSIONS, SLOPES TO BUILDING ACCESS/EGRESS POINTS,
- 15. ALL GRADING, DIMENSIONS, SLOPES TO BUILDING ACCESS/EGRESS POINTS,
  HANDICAP RAMPS/PARKING SPACES, STRIPING, SIGNAGE AND PAVEMENT
  MARKINGS SHALL CONFORM TO ADA REQUIREMENTS AND THE STATE
  BUILDING CODE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADA
  CONFORMANCE PRIOR TO ANY CONSTRUCTION.
- 16. ALL DIMENSIONS ARE TO FACE-OF-CURB UNLESS OTHERWISE NOTED.
   17. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ANY/ALL BUILDING DIMENSIONS AND CONFIRM THAT ANY/ALL BUILDING ALIGNMENTS CONFORM TO THE APPROVED CIVIL PLANS PRIOR TO ANY
- CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

  18. CONTRACTOR SHALL CONFIRM ALL SOIL COMPACTION AND PAVEMENT SECTION REQUIREMENTS WITH THE GEOTECHNICAL ENGINEER AND VERIFY THAT ALL BUILDING FOUNDATION SOILS ARE SUITABLE AND COMPACTED PER THE GEOTECHNICAL REPORT PROVIDED BY THE OWNER. IN THE ABSENCE OF A

GEOTECHNICAL REPORT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL SOIL COMPACTION, BUILDING FOUNDATION SOILS AND PAVEMENT SECTIONS REVIEWED, TESTED AND APPROVED BY A GEOTECHNICAL ENGINEER.

# POOL HOUSE/POOL DECK NOTES:

- VERIFY POOL HOUSE, PUMP/STORAGE BUILDING, AND OUTDOOR PAVILION DIMENSIONS, SPECIFICATIONS AND ORIENTATION WITH
- ARCHITECTURAL PLANS.

  2. COORDINATE POOL, CONCRETE POOL DECK AND FIREPLACE SPECIFICATIONS WITH ARCHITECTURAL PLANS.
- CONSTRUCT ALL CONCRETE SIDEWALKS PER TOWN OF ROLESVILLE STANDARDS AND SPECIFICATIONS.

# A.D.A. NOTES:

- ALL SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2% MAXIMUM.
   SIDEWALK LONGITUDINAL SLOPES SHALL NOT EXCEED 5% MAXIMUM.
   CONTRACTOR SHALL ENSURE THAT ALL SIDEWALK SLOPES MEET ADA STANDARDS.
- 2. SLOPES WITHIN ALL HANDICAP PARKING STALLS SHALL NOT EXCEED 2% IN ANY DIRECTION. CONTRACTOR SHALL ENSURE THAT ALL HANDICAP PARKING SPACE SLOPES MEET ADA STANDARDS.
- 3. SLOPES WITHIN ALL PATIOS, DECKS, SEATING AREAS, OR ANY OTHER PUBLIC GATHERING SPACES SHALL NOT EXCEED 2% IN ANY DIRECTION. CONTRACTOR SHALL ENSURE THAT ANY AND ALL PUBLIC GATHERING SPACES MEET ADA STANDARDS.
- ANY PROPOSED SIDEWALK WITHIN ROW SHALL NOT EXCEED 2% CROSS SLOPE PER ADA GUIDELINES. ALL RAMPS SHALL NOT EXCEED 8% FOR EVERY SCENARIO.

# SITE PLAN LEGEND

PROJECT/PROPERTY BOUNDARY
ROAD RIGHT-OF-WAY

LOT LINE
SETBACK LINE
5' UTILITY EASEMENT LINE
FENCE

\_\_\_\_

\_\_\_\_\_\_

\_\_\_\_ x \_\_\_ x \_\_\_ x \_\_\_

TOWN OF ROLESVILLE
PROJECT IDENTIFICATION #
SDP-24-02

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ROLESVILL

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF ROLESVILLE STANDARDS AND SPECIFICATIONS

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SCALE: 1"=20'

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

The Nau Company Company Consulting Civil Engineers

PRESERVE AT JONES DAIRY, LLC 10534 ARNOLD PALMER DRIVE RALEIGH, NC 27617 919-491-0761

UAIKY 1 20243-04-29 TOWN COMMENTS

Representation of the companies of the

JONES

PRESTLEIGH AT J AMENITY (

SITE

CAROLINE ER CHANGE

4/29/2024
PROJECT NO:
--DESIGN BY:

DESIGN BY:

JJB

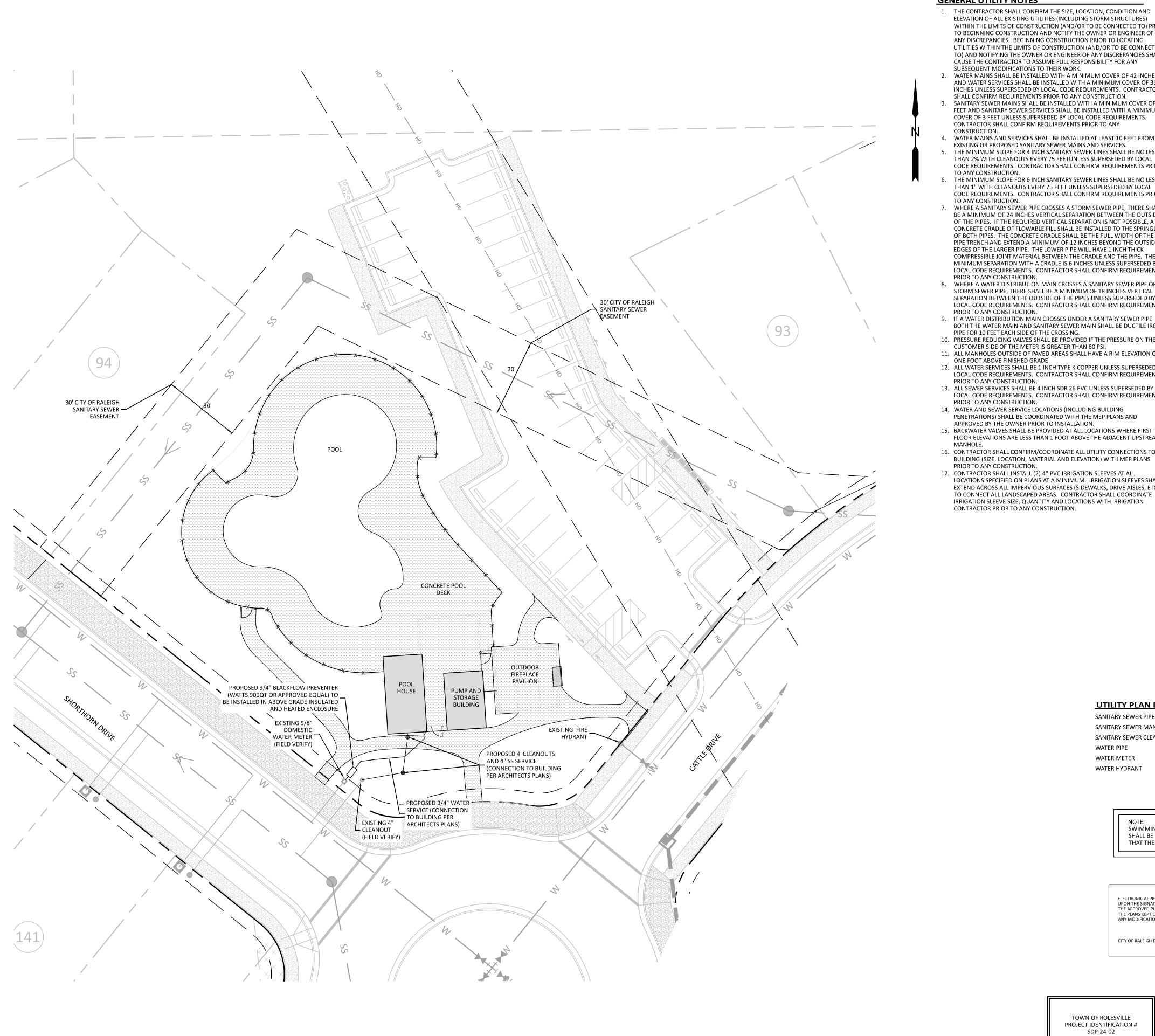
DRAWN BY:

RSF

1"=20'

DATE:
2024-02-29

SHEET NO: C2.0



#### **GENERAL UTILITY NOTES**

- 1. THE CONTRACTOR SHALL CONFIRM THE SIZE, LOCATION, CONDITION AND ELEVATION OF ALL EXISTING UTILITIES (INCLUDING STORM STRUCTURES) WITHIN THE LIMITS OF CONSTRUCTION (AND/OR TO BE CONNECTED TO) PRIOR TO BEGINNING CONSTRUCTION AND NOTIFY THE OWNER OR ENGINEER OF ANY DISCREPANCIES. BEGINNING CONSTRUCTION PRIOR TO LOCATING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION (AND/OR TO BE CONNECTED TO) AND NOTIFYING THE OWNER OR ENGINEER OF ANY DISCREPANCIES SHALL
- CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATIONS TO THEIR WORK. WATER MAINS SHALL BE INSTALLED WITH A MINIMUM COVER OF 42 INCHES AND WATER SERVICES SHALL BE INSTALLED WITH A MINIMUM COVER OF 36
- INCHES UNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM REQUIREMENTS PRIOR TO ANY CONSTRUCTION. SANITARY SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM COVER OF 5 FEET AND SANITARY SEWER SERVICES SHALL BE INSTALLED WITH A MINIMUM COVER OF 3 FEET UNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS.
- CONTRACTOR SHALL CONFIRM REQUIREMENTS PRIOR TO ANY CONSTRUCTION. WATER MAINS AND SERVICES SHALL BE INSTALLED AT LEAST 10 FEET FROM
- EXISTING OR PROPOSED SANITARY SEWER MAINS AND SERVICES. THE MINIMUM SLOPE FOR 4 INCH SANITARY SEWER LINES SHALL BE NO LESS THAN 2% WITH CLEANOUTS EVERY 75 FEETUNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM REQUIREMENTS PRIOR
- TO ANY CONSTRUCTION. THE MINIMUM SLOPE FOR 6 INCH SANITARY SEWER LINES SHALL BE NO LESS THAN 1" WITH CLEANOUTS EVERY 75 FEET UNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM REQUIREMENTS PRIOR TO ANY CONSTRUCTION.
- WHERE A SANITARY SEWER PIPE CROSSES A STORM SEWER PIPE, THERE SHALL BE A MINIMUM OF 24 INCHES VERTICAL SEPARATION BETWEEN THE OUTSIDE OF THE PIPES. IF THE REQUIRED VERTICAL SEPARATION IS NOT POSSIBLE. A CONCRETE CRADLE OF FLOWABLE FILL SHALL BE INSTALLED TO THE SPRINGLINE OF BOTH PIPES. THE CONCRETE CRADLE SHALL BE THE FULL WIDTH OF THE PIPE TRENCH AND EXTEND A MINIMUM OF 12 INCHES BEYOND THE OUTSIDE EDGES OF THE LARGER PIPE. THE LOWER PIPE WILL HAVE 1 INCH THICK COMPRESSIBLE JOINT MATERIAL BETWEEN THE CRADLE AND THE PIPE. THE MINIMUM SEPARATION WITH A CRADLE IS 6 INCHES UNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM REQUIREMENTS PRIOR TO ANY CONSTRUCTION.
- 8. WHERE A WATER DISTRIBUTION MAIN CROSSES A SANITARY SEWER PIPE OR A STORM SEWER PIPE, THERE SHALL BE A MINIMUM OF 18 INCHES VERTICAL SEPARATION BETWEEN THE OUTSIDE OF THE PIPES UNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM REQUIREMENTS
- 9. IF A WATER DISTRIBUTION MAIN CROSSES UNDER A SANITARY SEWER PIPE BOTH THE WATER MAIN AND SANITARY SEWER MAIN SHALL BE DUCTILE IRON PIPE FOR 10 FEET EACH SIDE OF THE CROSSING.
- 10. PRESSURE REDUCING VALVES SHALL BE PROVIDED IF THE PRESSURE ON THE CUSTOMER SIDE OF THE METER IS GREATER THAN 80 PSI.
- 11. ALL MANHOLES OUTSIDE OF PAVED AREAS SHALL HAVE A RIM ELEVATION OF ONE FOOT ABOVE FINISHED GRADE
- 12. ALL WATER SERVICES SHALL BE 1 INCH TYPE K COPPER UNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM REQUIREMENTS PRIOR TO ANY CONSTRUCTION.
- 13. ALL SEWER SERVICES SHALL BE 4 INCH SDR 26 PVC UNLESS SUPERSEDED BY LOCAL CODE REQUIREMENTS. CONTRACTOR SHALL CONFIRM REQUIREMENTS PRIOR TO ANY CONSTRUCTION. 14. WATER AND SEWER SERVICE LOCATIONS (INCLUDING BUILDING
- PENETRATIONS) SHALL BE COORDINATED WITH THE MEP PLANS AND APPROVED BY THE OWNER PRIOR TO INSTALLATION. 15. BACKWATER VALVES SHALL BE PROVIDED AT ALL LOCATIONS WHERE FIRST
- FLOOR ELEVATIONS ARE LESS THAN 1 FOOT ABOVE THE ADJACENT UPSTREAM 16. CONTRACTOR SHALL CONFIRM/COORDINATE ALL UTILITY CONNECTIONS TO
- 17. CONTRACTOR SHALL INSTALL (2) 4" PVC IRRIGATION SLEEVES AT ALL LOCATIONS SPECIFIED ON PLANS AT A MINIMUM. IRRIGATION SLEEVES SHALL EXTEND ACROSS ALL IMPERVIOUS SURFACES (SIDEWALKS, DRIVE AISLES, ETC.) TO CONNECT ALL LANDSCAPED AREAS. CONTRACTOR SHALL COORDINATE IRRIGATION SLEEVE SIZE, QUANTITY AND LOCATIONS WITH IRRIGATION

- CITY OF RALEIGH STANDARD UTILITY NOTES:

  1. ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION)
- 2. UTILITY SEPARATION REQUIREMENTS: A) A DISTANCE OF 100' SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN IMPOUNDED RESERVOIR USED AS A SOURCE OF DRINKING WATER. IF ADEQUATE LATERAL SEPARATION CANNOT BE ACHIEVED, FERROUS SANITARY SEWER PIPE SHALL BE
- SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS. HOWEVER, THE MINIMUM SEPARATION SHALL NOT BE LESS THAN 25' FROM A PRIVATE WELL OR 50' FROM A PUBLIC WELL B) WHEN INSTALLING WATER &/OR SEWER MAINS, THE HORIZONTAL SEPARATION BETWEEN UTILITIES SHALL BE
- 10'. IF THIS SEPARATION CANNOT BE MAINTAINED DUE TO EXISTING CONDITIONS, THE VARIATION ALLOWED IS THE WATER MAIN IN A SEPARATE TRENCH WITH THE ELEVATION OF THE WATER MAIN AT LEAST 18" ABOVE THE TOP OF THE SEWER & MUST BE APPROVED BY THE PUBLIC UTILITIES DIRECTOR. ALL DISTANCES ARE MEASURED FROM OUTSIDE DIAMETER TO OUTSIDE DIAMETER
- C) WHERE IT IS IMPOSSIBLE TO OBTAIN PROPER SEPARATION, OR ANYTIME A SANITARY SEWER PASSES OVER A
- WATERMAIN, DIP MATERIALS OR STEEL ENCASEMENT EXTENDED 10' ON EACH SIDE OF CROSSING MUST BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS D) 5.0' MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS DIP MATERIAL IS SPECIFIED FOR SANITARY SEWER
- E) MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL WATERMAIN & RCP STORM DRAIN CROSSINGS; MAINTAIN 24" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & RCP STORM DRAIN CROSSINGS. WHERE ADEQUATE SEPARATIONS CANNOT BE ACHIEVED, SPECIFY DIP MATERIALS & A CONCRETE CRADLE HAVING 6" MIN. CLEARANCE (PER CORPUD DETAILS W-41 & S-49)
- F) ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED 3. ANY NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR
- PROFILE BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PRIOR TO CONSTRUCTION 4. CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES &
- BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT, ANY NECESSARY SERVICE INTERRUPTIONS SHALL BE PRECEDED BY A 24 HOUR ADVANCE NOTICE TO THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT 5. 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCEMAINS. 4.0' MINIMUM COVER IS
- 6. IT IS THE DEVELOPER'S RESPONSIBILITY TO ABANDON OR REMOVE EXISTING WATER & SEWER SERVICES NOT BEING USED IN REDEVELOPMENT OF A SITE UNLESS OTHERWISE DIRECTED BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT. THIS INCLUDES ABANDONING TAP AT MAIN & REMOVAL OF SERVICE FROM ROW
- OR EASEMENT PER CORPUD HANDBOOK PROCEDURE . INSTALL ¾" COPPER\* WATER SERVICES WITH METERS LOCATED AT ROW OR WITHIN A 2'X2' WATERLINE
- EASEMENT IMMEDIATELY ADJACENT. NOTE: IT IS THE APPLICANT'S RESPONSIBILITY TO PROPERLY SIZE THE WATER SERVICE FOR EACH CONNECTION TO PROVIDE ADEQUATE FLOW & PRESSURE 8. INSTALL 4" PVC\* SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM
- 9. PRESSURE REDUCING VALVES ARE REQUIRED ON ALL WATER SERVICES EXCEEDING 80 PSI; BACKWATER VALVES ARE REQUIRED ON ALL SANITARY SEWER SERVICES HAVING BUILDING DRAINS LOWER THAN 1.0' ABOVE THE NEXT UPSTREAM MANHOLE
- 10. ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT MUST BE OBTAINED FROM NODWO LISACE &/OR FEMA FOR ANY RIPARIAN BUFFER. WETLAND &/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
- 11. CROSS-CONNECTION CONTROL PROTECTION DEVICES ARE REQUIRED BASED ON DEGREE OF HEALTH HAZARD INVOLVED AS LISTED IN APPENDIX-B OF THE RULES GOVERNING PUBLIC WATER SYSTEMS IN NORTH CAROLINA. THESE GUIDELINES ARE THE MINIMUM REQUIREMENTS. THE DEVICES SHALL MEET AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) STANDARDS OR BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST. THE DEVICES SHALL BE INSTALLED AND TESTED (BOTH INITIAL AND PERIODIC TESTING THEREAFTER) IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OR THE LOCAL CROSS-CONNECTION CONTROL PROGRAM, WHICHEVER IS MORE STRINGENT. CONTACT JOANIE HARTLEY AT (919) 996-5923 OR JOANIE.HARTLEY@RALEIGHNC.GOV FOR MORE INFORMATION

**UTILITY PLAN LEGEND** 

WATER HYDRANT

SANITARY SEWER PIPE SANITARY SEWER MANHOLE SANITARY SEWER CLEANOUT WATER PIPE WATER METER

> SWIMMING POOL DISCHARGE TO THE SANITARY SEWER SYSTEM SHALL BE EQUIPPED WITH A PUMP OR FLOW RESTRICTOR SO THAT THE DISCHARGE RATE DOES NOT EXCEED 50 GPM.

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION ELECTRONIC APPROVAL: THIS APPROVAL IS BEING ISSUED ELECTRONICALLY. THIS APPROVAL IS VALID ONLY UPON THE SIGNATURE OF A CITY OF RALEIGH REVIEW OFFICER BELOW. THE CITY WILL RETAIN A COPY OF THE APPROVED PLANS. ANY WORK AUTHORIZED BY THIS APPROVAL MUST PROCEED IN ACCORDANCE WITH THE PLANS KEPT ON FILE WITH THE CITY. THIS ELECTRONIC APPROVAL MAY NOT BE EDITED ONCE ISSUED ANY MODIFICATION TO THIS APPROVAL ONCE ISSUED WILL INVALIDATE THIS APPROVAL CITY OF RALEIGH DEVELOPMENT APPROVAL RALEIGH WATER REVIEW OFFICER

TOWN OF ROLESVILLE PROJECT IDENTIFICATION # SDP-24-02

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF ROLESVILLE STANDARDS AND SPECIFICATIONS

SCALE: 1"=20' PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

PRESTLEIGH AT JONES AMENITY CENTE

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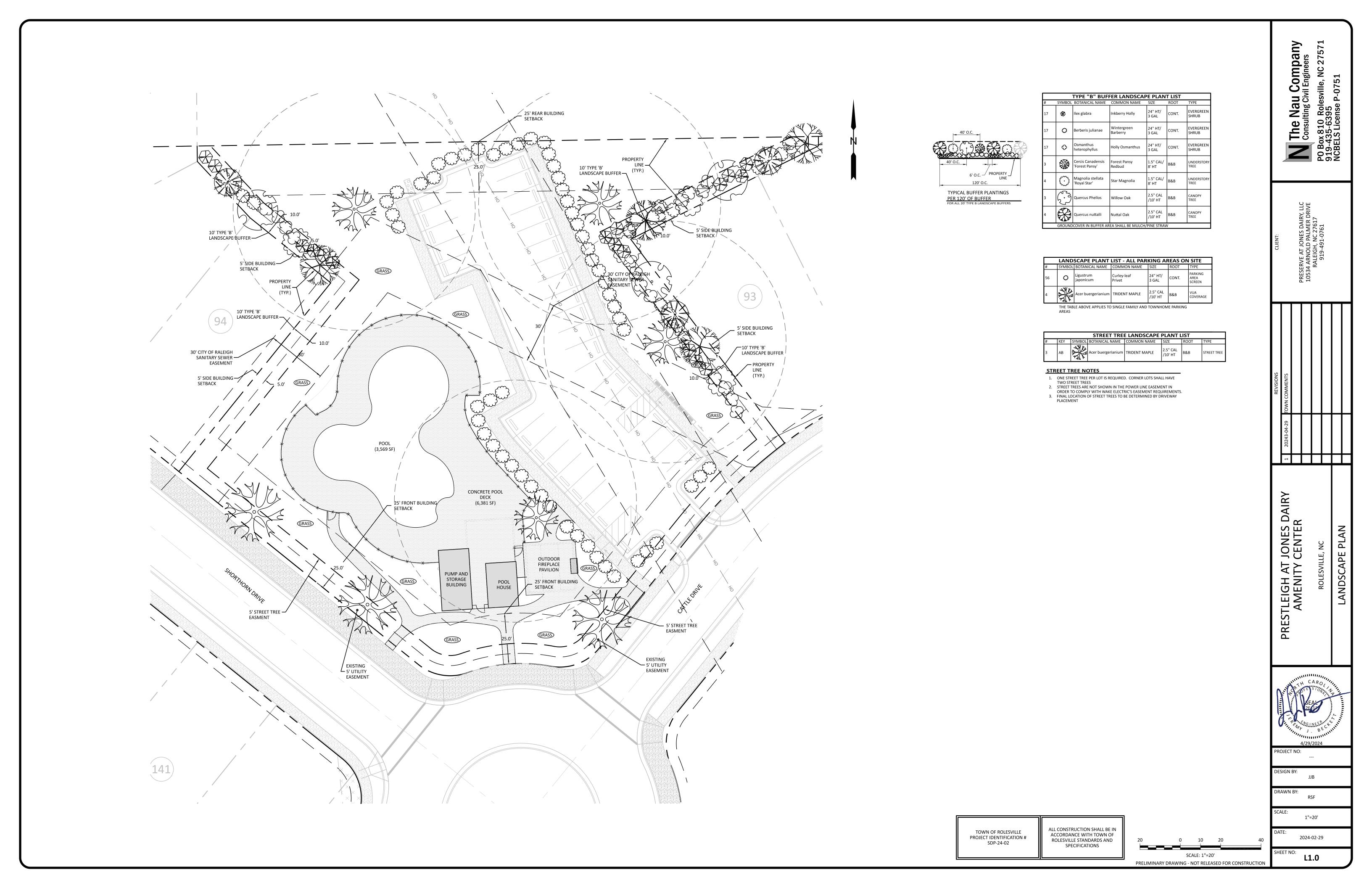
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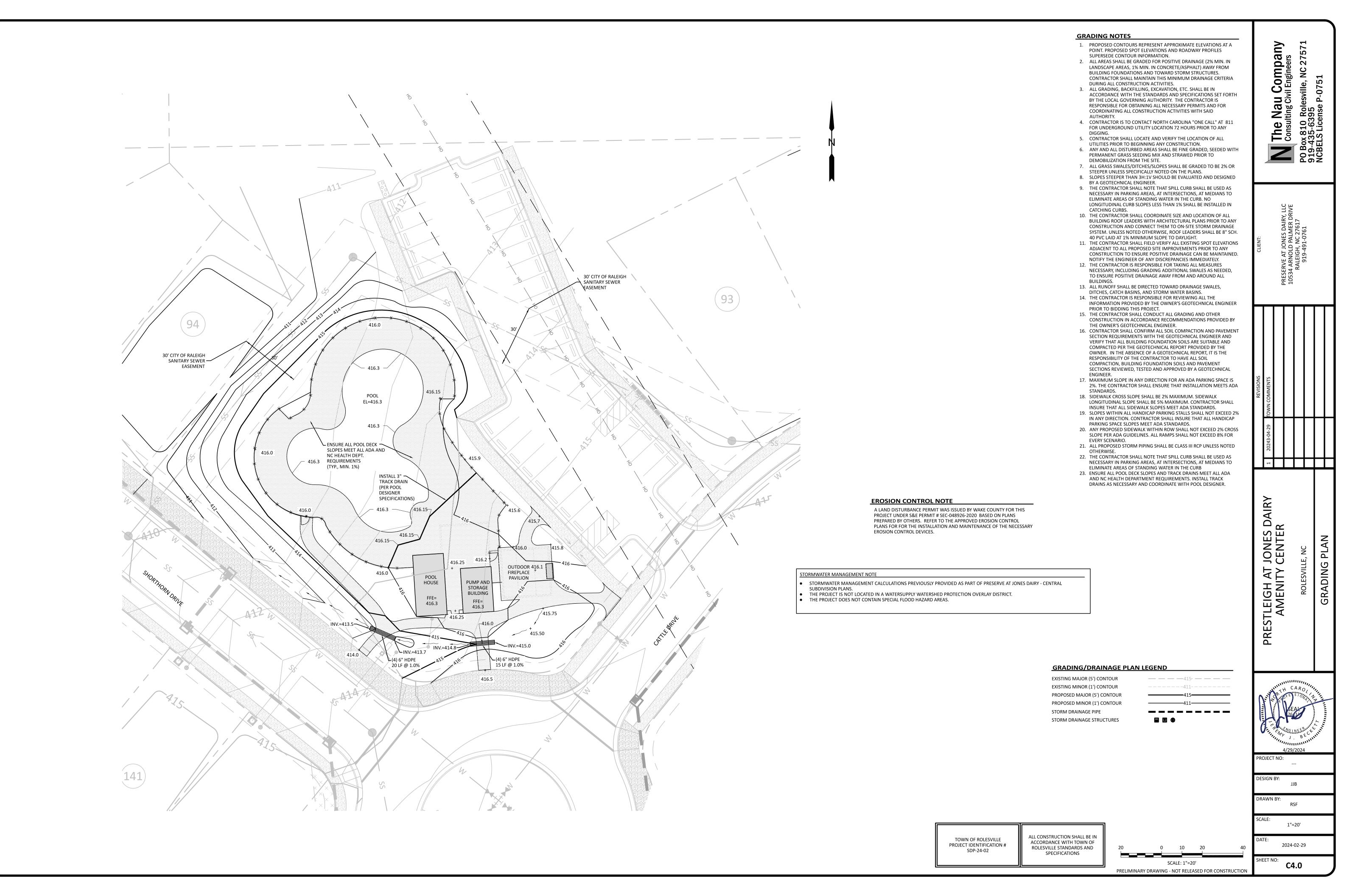
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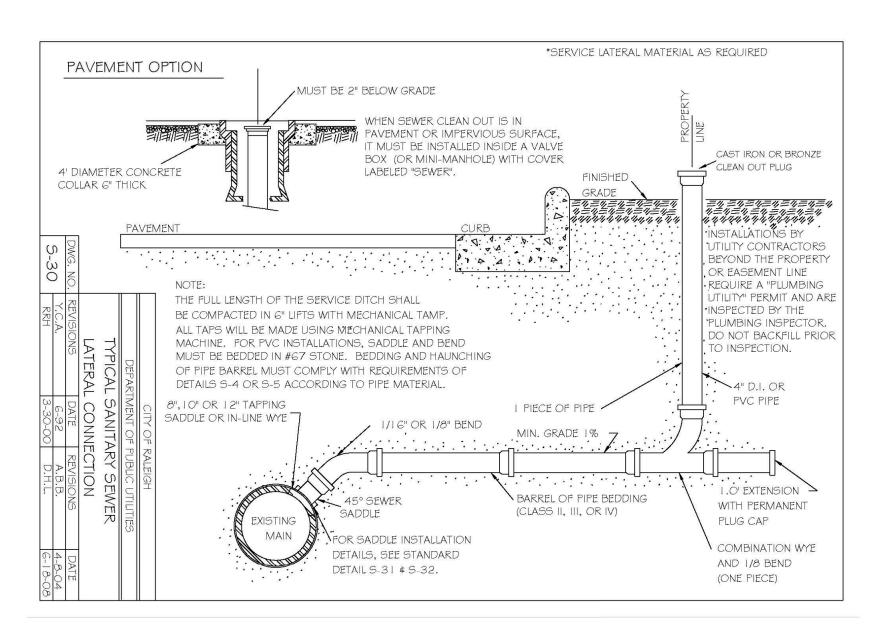
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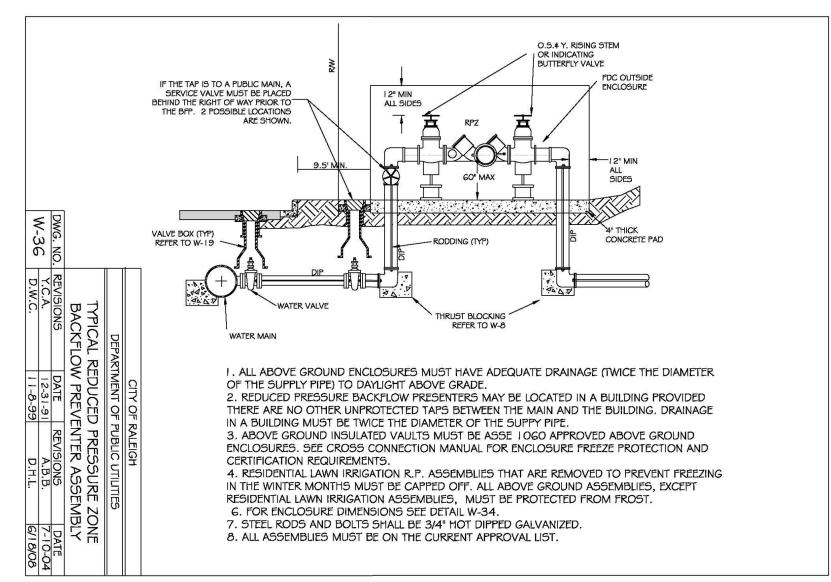
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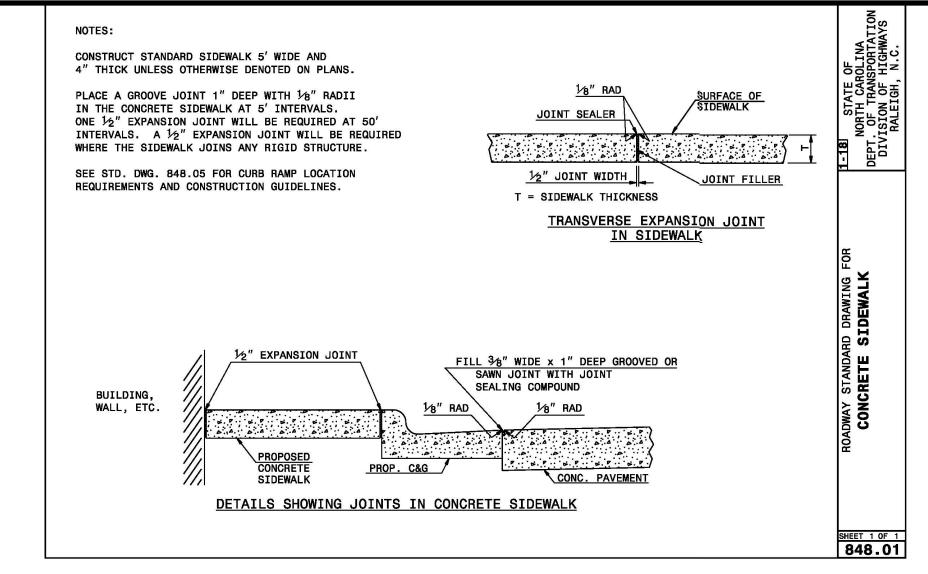
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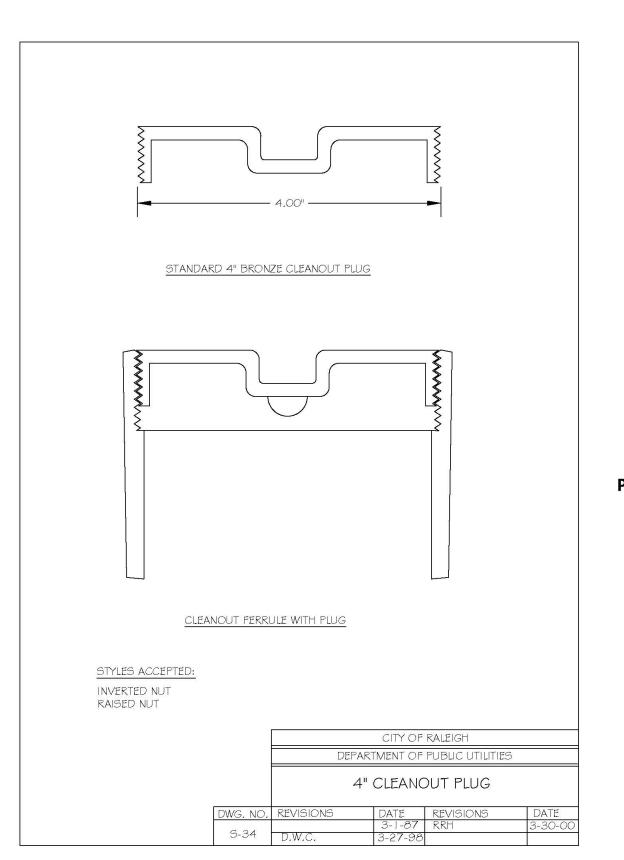


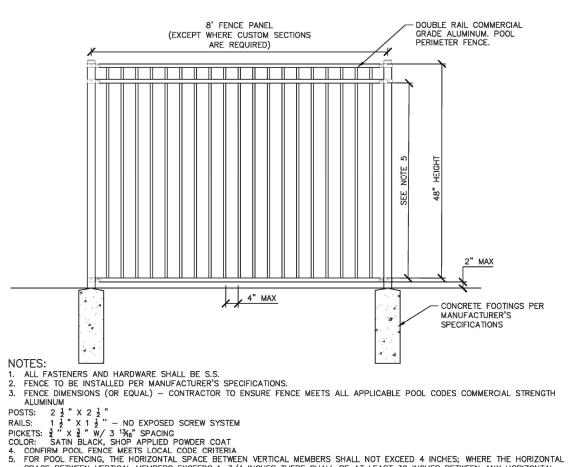


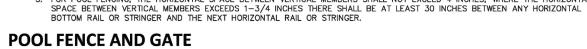


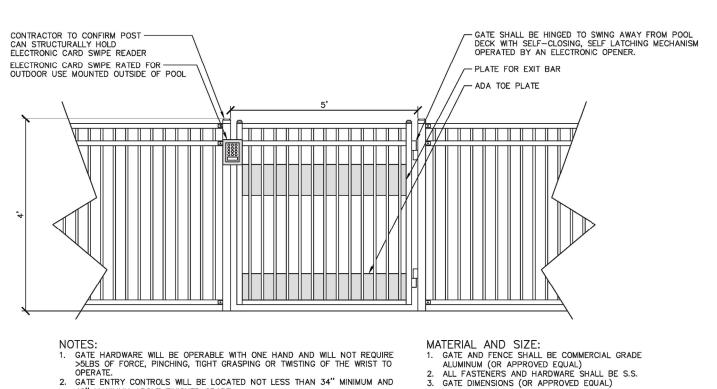












2. GATE ENTRY CONTROLS WILL BE LOCATED NOT LESS THAN 34" MINIMUM AND 48" MAXIMUM ABOVE FINISHED GRADE.

3. CONTRACTOR TO SUBMIT MANUFACTURER INFORMATION AND CUT SHEETS FOR LATCH PRIOR TO ORDERING. COORDINATE THE SYSTEM WITH OTHER SITE ACCESS CONTROLS AS REQUIRED.

4. CONFIRM POOL FENCE MEETS LOCAL CODE CRITERIA.

5. POOL GATE AND POOL FENCE TO BE FLUSH.

6. SELF—CLOSING LATCH IS TO BE MOUNTED ON THE POOL SIDE OF THE GATE AT A MAXIMUM 48" ABOVE FINISHED GRADE.

7. POOL GATE SHALL MEET ADA & ALL CODES. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.

4. FENCE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

4. FENCE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

ALUMINUM (OR APPROVED EQUAL)

2. ALL FASTENERS AND HARDWARE SHALL BE S.S.

3. GATE DIMENSIONS (OR APPROVED EQUAL)

POSTS: 2 ½ " X 2 ½ "

RAILS: 1 ½ " X 1 ½ " — NO EXPOSED SCREW SYSTEM PICKETS: ¾ " X ¾ " W/ 3 1¾6" SPACING FINISH: SATIN BLACK, SHOP APPLIED POWDER COAT

TOWN OF ROLESVILLE PROJECT IDENTIFICATION # SDP-24-02

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF ROLESVILLE STANDARDS AND SPECIFICATIONS

2024-02-29 D1.0 PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

DRAWN BY:

PRESTLEIGH AT JONES DAI AMENITY CENTER

SITE DETAILS

Company vil Engineers

Nau Iting Civ

The Consu

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DESIGN BY: JJB

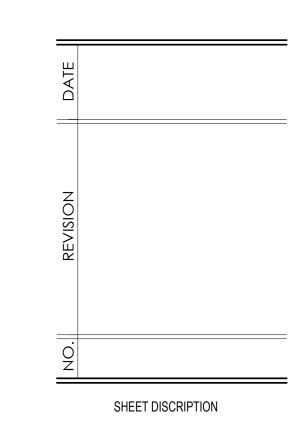
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RSF SCALE: NTS









PLANNING FLOOR PLANS

PROJECT #: 2024XXX

DATE ISSUED: 02/29/2024

DRAWING BY: JGM

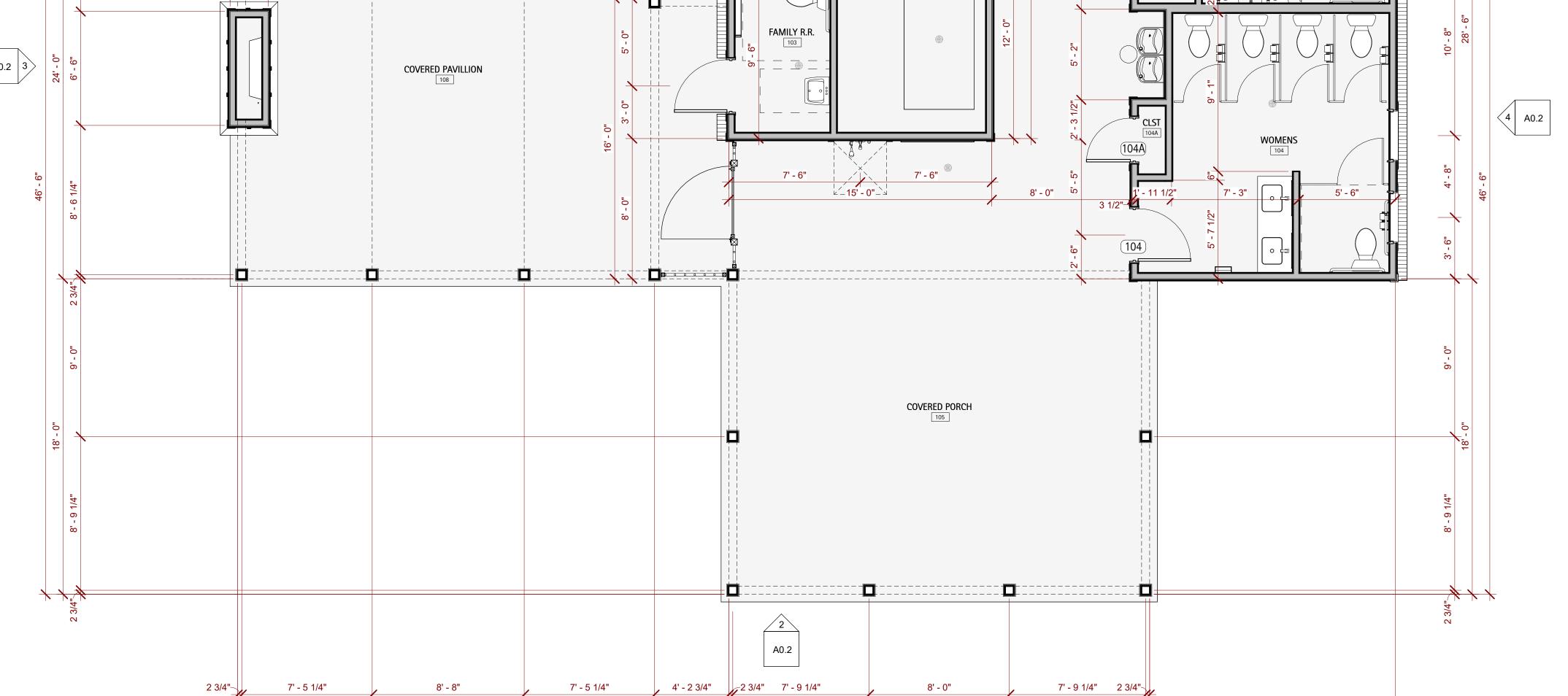
CHECKED BY: DSC

PRESTLEIGH AMENITY
DR HORTON
BATHHOUSE & POOL
ROLESVILLE, NC



66' - 0"

24' - 0"



66' - 0"

4' - 6"

15' - 0"

6' - 0"

4' - 6"

8' - 10 1/2" — 🖂

PUMP ROOM

8' - 0"

15' - 0"

6' - 0"

14' - 0"

4' - 6"

4' - 6"

24' - 0"

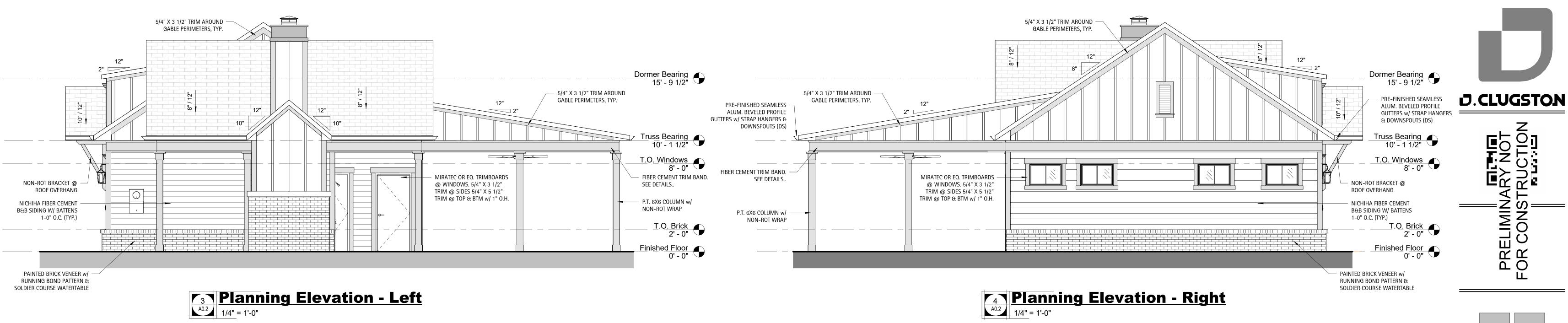
8' - 8"

21' - 9 3/4"

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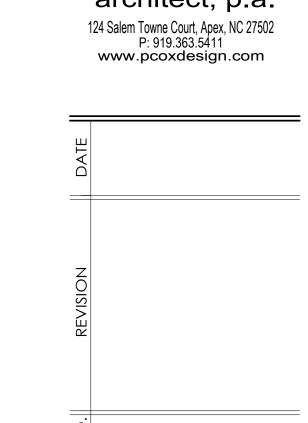
7' - 5 1/4"

7' - 5 1/4"



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SHEET DISCRIPTION PLANNING **ELEVATIONS** 

PROJECT #: 2024XXX DATE ISSUED: 02/29/2024 DRAWING BY: CHECKED BY: DSC

PRESTLEIGH AMENITY DR HORTON & P00L ROLESVILLE, **BATHHOUSE** 

**MATERIAL LEGEND** 

**HORIZONTAL SIDING** COLOR: STERLING WHITE BENJAMIN MOORE: 1591

**BOARD & BATTEN SIDING** COLOR: STERLING WHITE BENJAMIN MOORE: 1591

EXTERIOR TRIM COLOR: STERLING WHITE BENJAMIN MOORE: 1591

<u>COLUMNS</u> COLOR: STERLING WHITE BENJAMIN MOORE: 1591

**BRICK VENEER** COLOR: CORTEZ BY

GENERAL SHALE

**ROOFING SHINGLES** 

COLOR: CHARCOAL



**ROOFING STANDING SEAM** COLOR: BLACK MBCI - 200 SERIES



RIDGE VENT