



REVISION HISTORY

REV #	DESCRIPTION	DATE	BY

ORIGINAL PLAN SIZE: 24" X 36"

SCALE ADJUSTMENT  
THIS BAR IS 1 INCH IN LENGTH  
ON ORIGINAL DRAWING  
  
IF IT IS NOT 1 INCH ON THIS SHEET, ADJUST YOUR SCALE ACCORDINGLY

SITE CONSTRUCTION PLANS  
  
SALON  
  
105 S MAIN ST  
ROLESVILLE, NC 27571

DRAGONFLY INVESTMENTS LLC

DATE:	04-26-2024
SCALE:	AS SHOWN
DESIGNED BY:	FLM
APPROVED BY:	FLM
PROJECT NO.:	23043

COVER

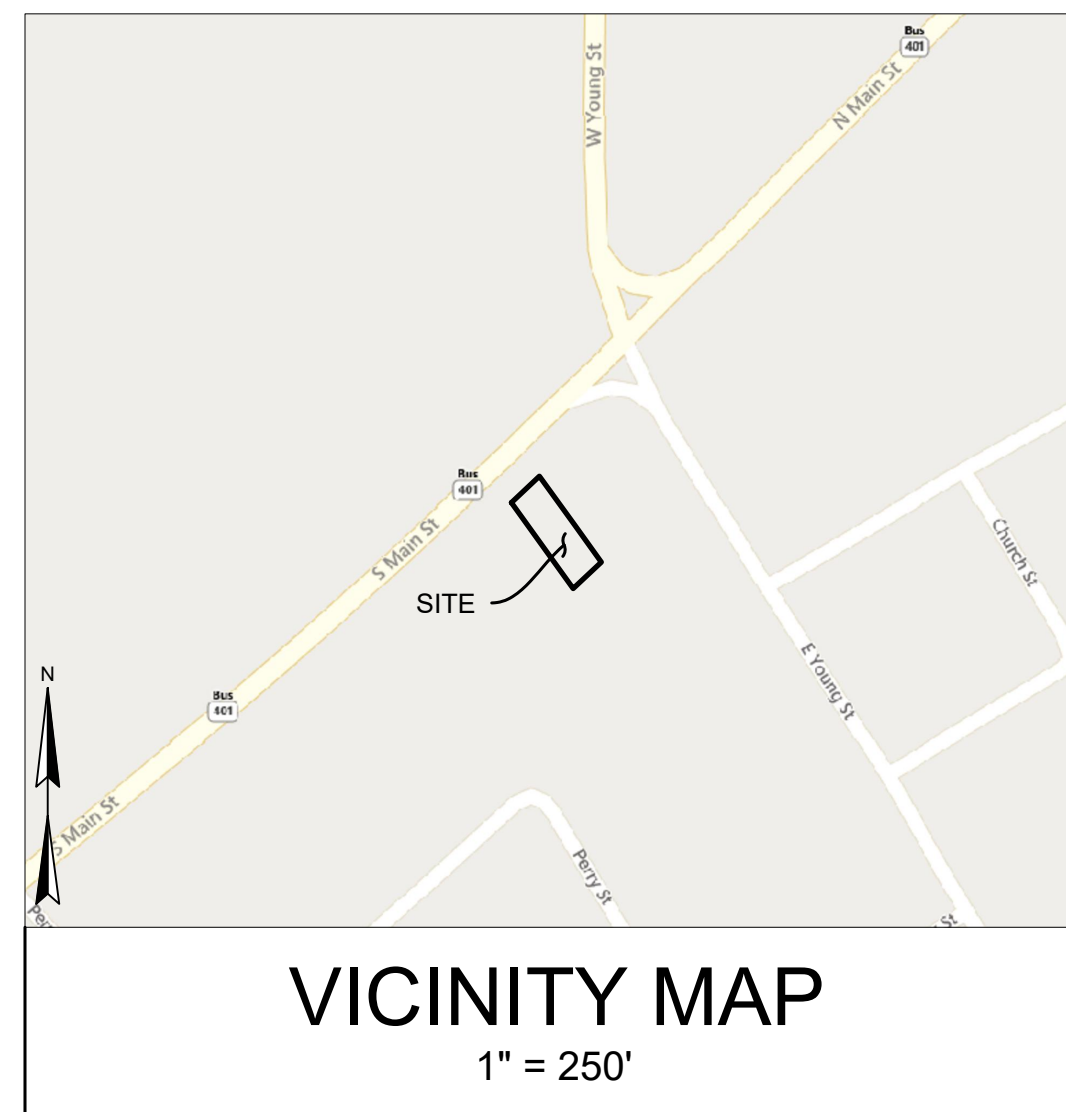
**C-1**

SHEET 1 OF 9

# SITE CONSTRUCTION PLANS FOR SALON

V1 -  
SDP-24-04

105 S MAIN ST  
ROLESVILLE, NORTH CAROLINA  
PIN: 1769-01-5157



#1- Professional seal must be included on all pages.

#2- The following should be included on the cover sheet:  
- County  
- Site data table including: Property Identification Number (PIN), Zoning (Current and Proposed if a Rezoning), Watershed, River Basin, Current Use(s), Proposed Use(s), Current Impervious, Proposed Impervious, Parking Data per use, Tree Coverage Data, Building Height, and Building Square Footage(s)

SHEET	TITLE
C-1	COVER
C-2	EXISTING CONDITIONS & DEMOLITION PLAN
C-3	SITE PLAN
C-4	UTILITY PLAN
C-5	GRADING AND EROSION & SEDIMENT CONTROL PLAN
C-6	LANDSCAPING PLAN
C-7	SITE DETAILS
C-8	EROSION & SEDIMENT CONTROL DETAILS
C-9	WATER & SEWER DETAILS

**OWNER/DEVELOPER:**

DRAGONFLY INVESTMENTS NC LLC  
CONTACT: ALLEN CLARK  
15405 NEW LIGHT RD  
WAKE FOREST, NC 27587  
919.868.1576  
ALLEN@WHITEWATERHOMES.BIZ

**ENGINEER OF RECORD:**

FLM ENGINEERING, INC  
CONTACT: JON FRAZIER, PE  
PO BOX 91727  
RALEIGH, NC 27675  
919.610.1051  
JFRAZIER@FLMENGINEERING.COM

CALL 48 HOURS BEFORE  
YOU DIG  
  
NORTH CAROLINA  
ONE-CALL CENTER  
1-800-632-4949

PROPOSED INFRASTRUCTURE QUANTITIES			
ITEM	OWNERSHIP	DIAMETER / MATERIAL	LENGTH
WATER	CITY OF RALEIGH	STUB	1
SEWER	CITY OF RALEIGH	STUB	1

**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

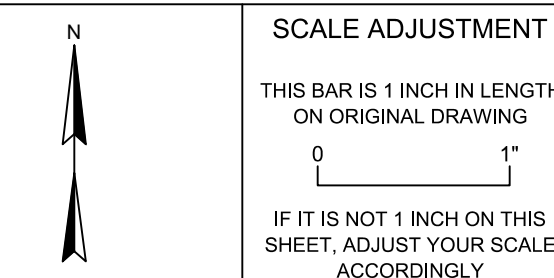
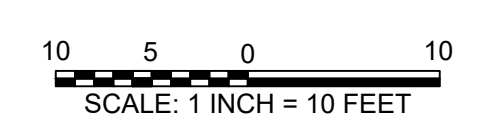
ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN OF ROLESVILLE, CITY OF RALEIGH AND WAKE COUNTY STANDARDS AND SPECIFICATIONS



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**SITE CONSTRUCTION PLANS**  
**SALON**  
 105 S MAIN ST  
 ROLESVILLE, NC 27571

DRAGONFLY INVESTMENTS LLC

DATE:	04-26-2024
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EXISTING CONDITIONS & DEMOLITION PLAN

**NOTES**

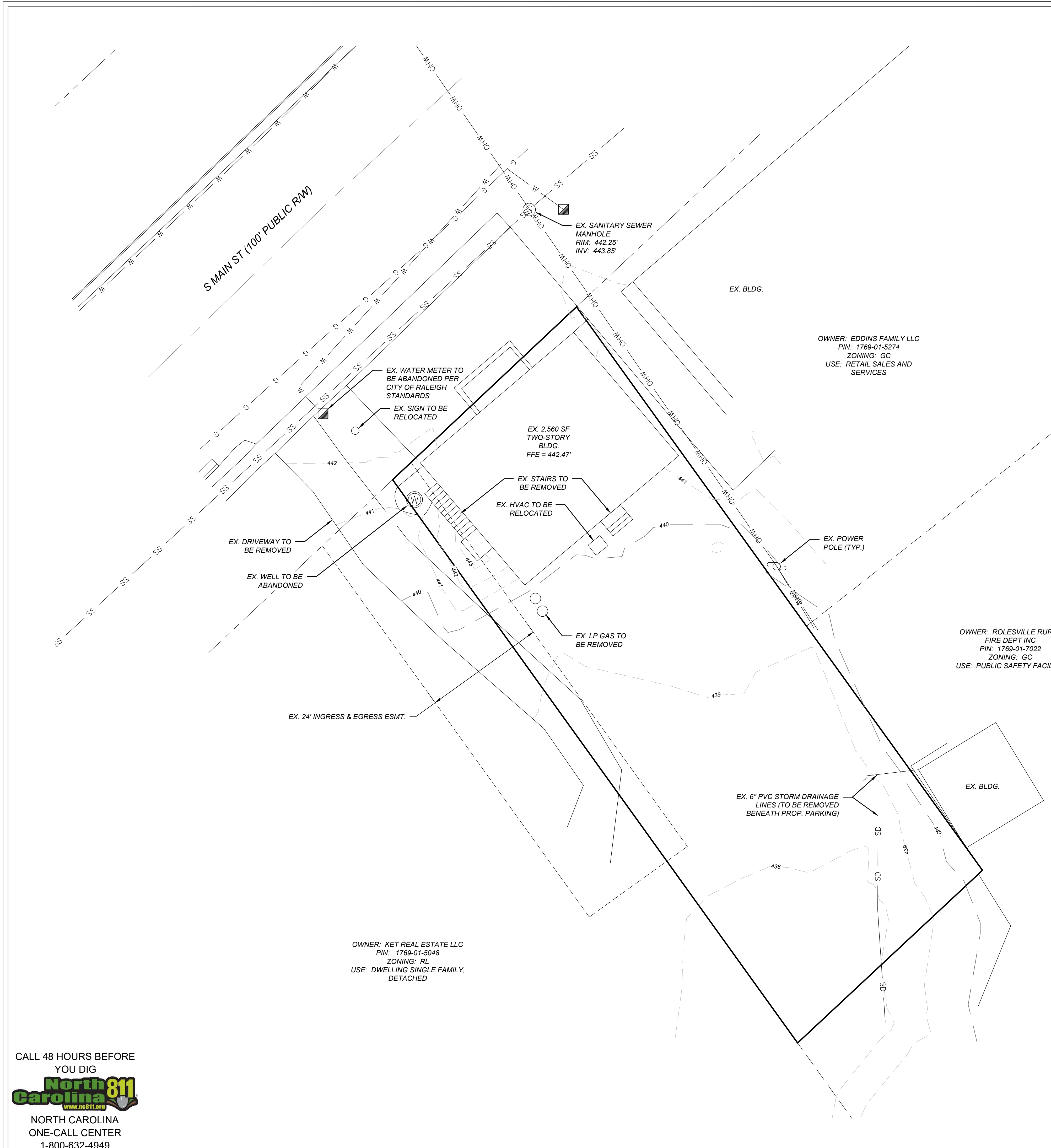
- BOUNDARY AND TOPOGRAPHIC SURVEY DATA PROVIDED BY CAWTHORNE, MOSS & PANCIERA, PC.
- THE UTILITIES SHOWN ARE NOT GUARANTEED TO BE A REPRESENTATION OF ALL UTILITIES WITHIN THE PROJECT EXTENT.
- THE CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL-CENTER AT LEAST 48 HOURS PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL VERIFY DEPTHS AND LOCATIONS OF ALL UTILITIES PRIOR TO BEGINNING WORK AND SHALL USE CARE WHEN OPERATING AROUND EXISTING UTILITIES.
- THE CONTRACTOR SHALL BE FINANCIALLY RESPONSIBLE FOR THE REPAIR OF ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.

**LEGEND**

- EX. PROPERTY LINE
- - - EX. RIGHT-OF-WAY
- - - EX. ADJACENT OWNERS
- OHW — OHW — EX. OVERHEAD ELECTRIC LINE
- W — W — EX. WATER LINE
- G — G — EX. GAS LINE
- SS — SS — EX. SANITARY SEWER
- SD — SD — EX. STORM SEWER
- 440 — — EX. MAJOR CONTOUR (5')
- 439 — — EX. MINOR CONTOUR (1')

**#3- Please provide the following information:**

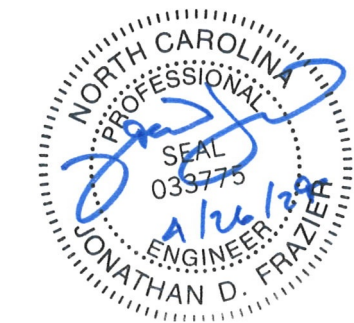
- Site size
- Metes and bounds of property boundary
- Site information (PIN, owner, etc.)
- Register of Deeds book and page number for adjacent properties
- Any setbacks
- Any existing vegetation
- Topographic contours to extend 100' past property limits



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 CITY OF RALEIGH DEVELOPMENT APPROVAL \_\_\_\_\_ RALEIGH WATER REVIEW OFFICER

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### REVISION HISTORY

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ORIGINAL PLAN SIZE: 24" X 36"

10 5 0 10  
SCALE: 1 INCH = 10 FEET

**SCALE ADJUSTMENT**  
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### SITE CONSTRUCTION PLANS

SALON  
105 S MAIN ST  
ROLESVILLE, NC 27571

DRAGONFLY INVESTMENTS LLC

DATE:	04-26-2024
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### SITE PLAN

# C-3

SHEET 3 OF 9

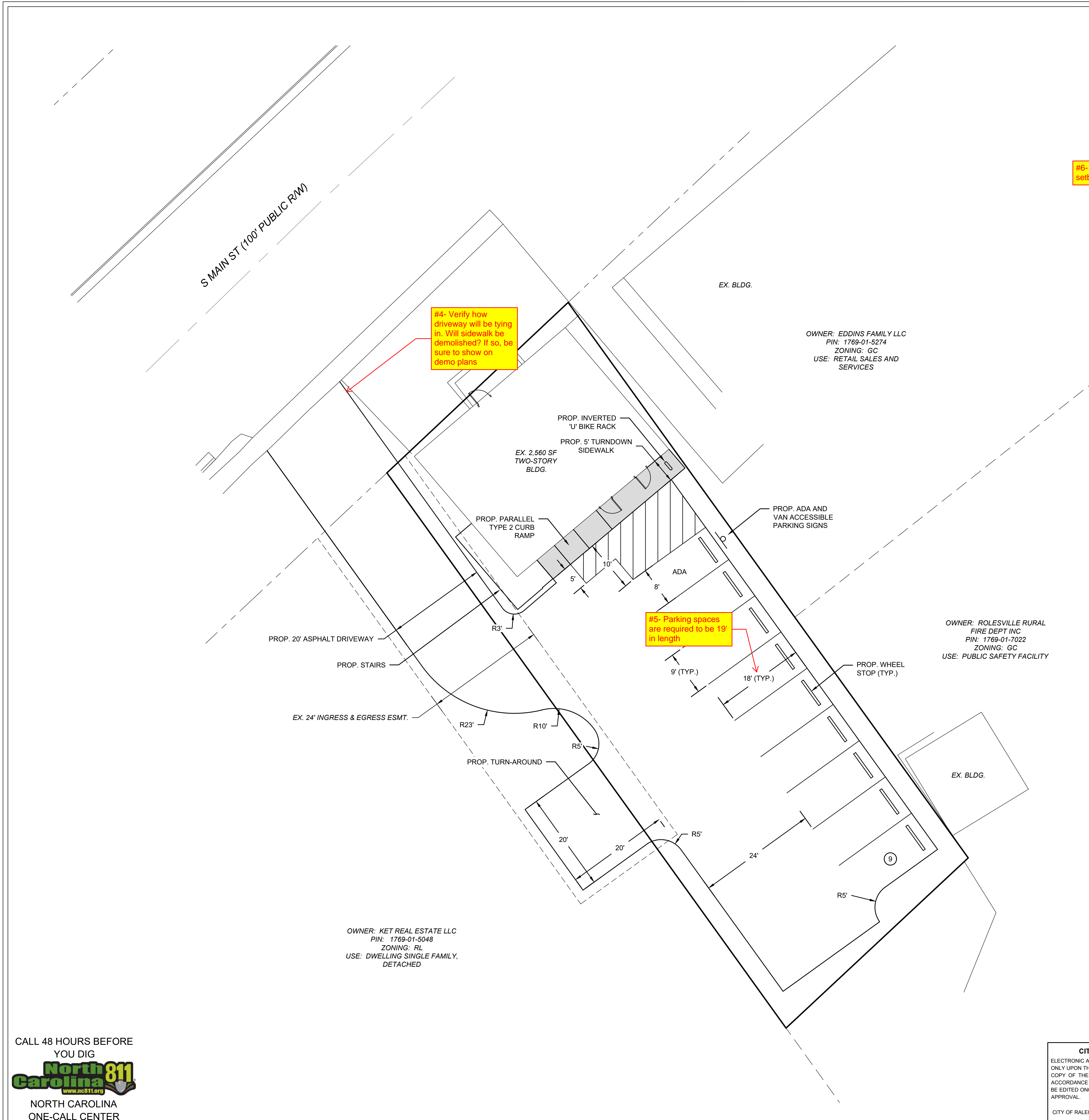
SUMMARY INFORMATION	
DEVELOPMENT NAME:	SALON
SITE ADDRESS:	8105 S MAIN ST, ROLESVILLE, NC 27571
PIN NUMBER(S):	1769-01-5157
TOTAL ACREAGE:	0.168 AC
EXISTING USE:	RETAIL SALES AND SERVICES
PROPOSED USE:	RETAIL SALES AND SERVICES
JURISDICTION:	TOWN OF ROLESVILLE
CURRENT ZONING DISTRICT:	GC
SETBACKS:	FRONT: 20' SIDE: 15' REAR: 35'
EXISTING BUILDING AREA:	2,560 SF
PROPOSED BUILDING AREA:	2,560 SF
REQUIRED PARKING:	2.5 SPACES PER 1,000 SF = 2,560 SF / 2.5 SPACES / 1,000 SF = 6.4 SPACE
PROPOSED PARKING:	9 SPACES (1 ADA, VAN ACCESSIBLE)
REQUIRED BICYCLE PARKING:	1 SPACE
PROVIDED BICYCLE PARKING:	2 SPACES (1 INVERTED 'U' RACK)
WATERSHED:	LOWER NEUSE RIVER
EXISTING IMPERVIOUS AREA:	1,600 SF (0.04 AC) OR 25%
PROPOSED IMPERVIOUS AREA:	5,830 SF (0.13 AC) OR 80%

### NOTES

- PROPOSED ADA STALL AND AISLE SHALL HAVE SLOPES NO STEEPER THAN 1:48 (2%) IN ALL DIRECTIONS.
- PROPOSED ACCESSIBLE ROUTES SHALL HAVE RUNNING SLOPES NO STEEPER THAN 1:20 (5%) AND CROSS SLOPES NO STEEPER THAN 1:48 (2%).
- DIMENSIONS SHOWN ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ADA PARKING SIGNS (R7-8 & R7-8A) SHALL BE PLACED IN FRONT OF THE ADA PARKING STALL.
- STRIPING FOR PARKING STALLS AND CROSSWALK SHALL BE AS SHOWN.
- SOLID WASTE COLLECTION SHALL BE BY ROLL-OUT CARTS CONTRACTED PRIVATELY. ROLL-OUT CARTS WILL BE COLLECTED ONSITE AND NOT AT THE ROAD.

### LEGEND

	EX. PROPERTY LINE
	EX. RIGHT-OF-WAY
	EX. ADJACENT OWNERS



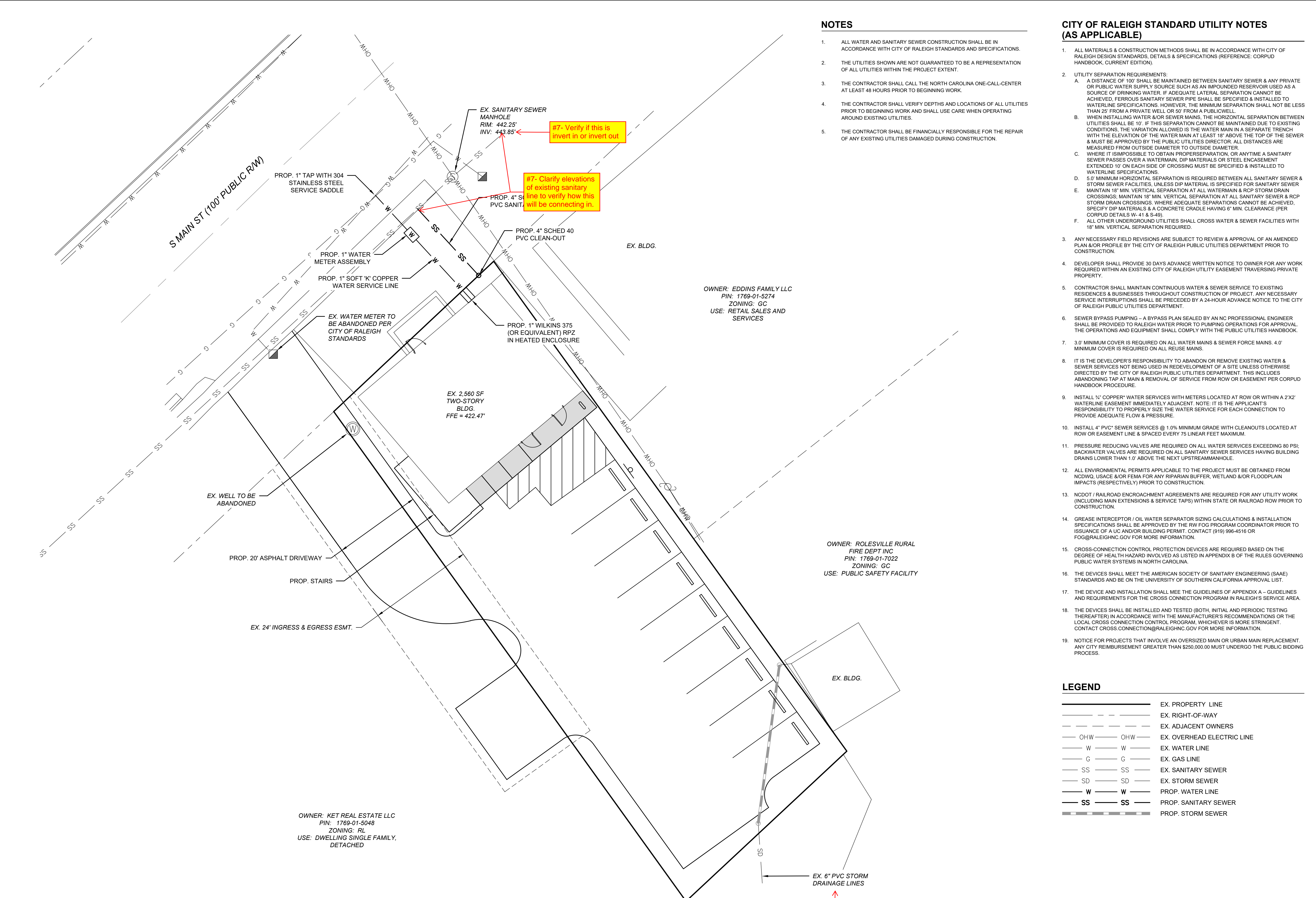
OWNER: EDDINS FAMILY LLC  
PIN: 1769-01-5274  
ZONING: GC  
USE: RETAIL SALES AND SERVICES

OWNER: ROLESVILLE RURAL  
FIRE DEPT INC  
PIN: 1769-01-7022  
ZONING: GC  
USE: PUBLIC SAFETY FACILITY

OWNER: KET REAL ESTATE LLC  
PIN: 1769-01-5048  
ZONING: RL  
USE: DWELLING SINGLE FAMILY, DETACHED

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CITY OF RALEIGH DEVELOPMENT APPROVAL \_\_\_\_\_ RALEIGH WATER REVIEW OFFICER \_\_\_\_\_

**ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN OF ROLESVILLE, CITY OF RALEIGH AND WAKE COUNTY STANDARDS AND SPECIFICATIONS**



**NOTES**

- ALL WATER AND SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.
- THE UTILITIES SHOWN ARE NOT GUARANTEED TO BE A REPRESENTATION OF ALL UTILITIES WITHIN THE PROJECT EXTENT.
- THE CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL-CENTER AT LEAST 48 HOURS PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL VERIFY DEPTHS AND LOCATIONS OF ALL UTILITIES PRIOR TO BEGINNING WORK AND SHALL USE CARE WHEN OPERATING AROUND EXISTING UTILITIES.
- THE CONTRACTOR SHALL BE FINANCIALLY RESPONSIBLE FOR THE REPAIR OF ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.

**CITY OF RALEIGH STANDARD UTILITY NOTES (AS APPLICABLE)**

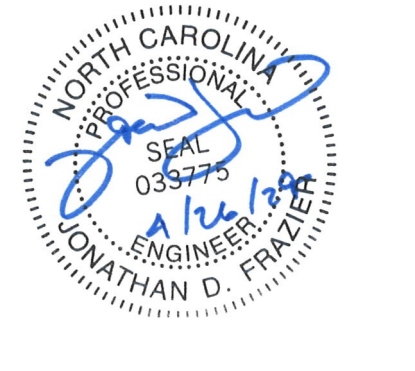
- ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION).
- UTILITY SEPARATION REQUIREMENTS:
  - A DISTANCE OF 10' SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER 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 PUBLICWELL.
  - 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.
  - WHERE IT IS IMPOSSIBLE TO OBTAIN PROPER SEPARATION, OR ANYTIME A SANITARY SEWER PASSES OVER A WATERMAIN, DIP MATERIALS OR STEEL ENCASCMENT EXTENDED 10' ON EACH SIDE OF CROSSING MUST BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS.
  - 5' 0" MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS DIP MATERIAL IS SPECIFIED FOR SANITARY SEWER.
  - MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL WATERMAIN & RCP STORM DRAIN CROSSINGS, MAINTAIN 18" 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).
  - ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
- 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.
- DEVELOPER SHALL PROVIDE 30 DAYS ADVANCE WRITTEN NOTICE TO OWNER FOR ANY WORK REQUIRED WITHIN AN EXISTING CITY OF RALEIGH UTILITY EASEMENT TRAVERSING PRIVATE PROPERTY.
- 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.
- SEWER BYPASS PUMPING – A BYPASS PLAN SEALED BY AN NC PROFESSIONAL ENGINEER SHALL BE PROVIDED TO RALEIGH WATER PRIOR TO PUMPING OPERATIONS FOR APPROVAL. THE OPERATIONS AND EQUIPMENT SHALL COMPLY WITH THE PUBLIC UTILITIES HANDBOOK.
- 3' 0" MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCE MAINS. 4' 0" MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS.
- 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 1/2" COPPER WATER SERVICES WITH METERS LOCATED AT ROW OR WITHIN A 2' X 2' 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.
- INSTALL 4" PVC SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM.
- 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.
- ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT MUST BE OBTAINED FROM NCDWQ, USACE &/OR FEMA FOR ANY RIPARIAN BUFFER, WETLAND &/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
- NCDOT / RAILROAD ENCRoACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION.
- GREASE INTERCEPTOR / OIL WATER SEPARATOR SIZING CALCULATIONS & INSTALLATION SPECIFICATIONS SHALL BE APPROVED BY THE RW FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A LIC AND/OR BUILDING PERMIT. CONTACT (919) 996-4516 OR FOG@RALEIGHNC.GOV FOR MORE INFORMATION.
- CROSS-CONNECTION CONTROL PROTECTION DEVICES ARE REQUIRED BASED ON THE DEGREE OF HEALTH HAZARD INVOLVED AS LISTED IN APPENDIX B OF THE RULES GOVERNING PUBLIC WATER SYSTEMS IN NORTH CAROLINA.
- THE DEVICES SHALL MEET THE AMERICAN SOCIETY OF SANITARY ENGINEERING (ASAE) STANDARDS AND BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST.
- THE DEVICE AND INSTALLATION SHALL MEET THE GUIDELINES OF APPENDIX A – GUIDELINES AND REQUIREMENTS FOR THE CROSS CONNECTION PROGRAM IN RALEIGH'S SERVICE AREA.
- 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 CROSS.CONNECTION@RALEIGHNC.GOV FOR MORE INFORMATION.
- NOTICE FOR PROJECTS THAT INVOLVE AN OVERSIZED MAIN OR URBAN MAIN REPLACEMENT, ANY CITY REIMBURSEMENT GREATER THAN \$250,000.00 MUST UNDERGO THE PUBLIC BIDDING PROCESS.

**LEGEND**

- EX. PROPERTY LINE
  - EX. RIGHT-OF-WAY
  - EX. ADJACENT OWNERS
  - OHW  OHW
  - W  W
  - G  G
  - SS  SS
  - SD  SD
  - W  W
  - SS  SS
- EX. OVERHEAD ELECTRIC LINE  
 EX. WATER LINE  
 EX. GAS LINE  
 EX. SANITARY SEWER  
 EX. STORM SEWER  
 PROP. WATER LINE  
 PROP. SANITARY SEWER  
 PROP. STORM SEWER



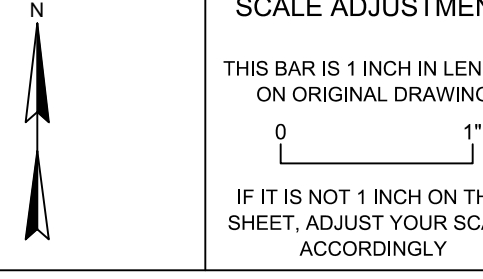
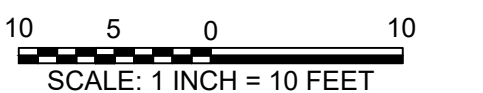
POST OFFICE BOX 91727  
 RALEIGH, NORTH CAROLINA 27675  
 PHONE: 919.610.1051  
 FIRM NC LICENSE NUMBER C-4222



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ORIGINAL PLAN SIZE: 24" X 36"



**SITE CONSTRUCTION PLANS**

**SALON**

105 S MAIN ST  
 ROLESVILLE, NC 27571

**DRAGONFLY INVESTMENTS LLC**

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PROJECT NO.:	23043

**UTILITY PLAN**

**C-4**

SHEET 4 OF 9

CALL 48 HOURS BEFORE  
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#8- If the existing storm drainage is being removed, it should not be shown on the proposed plans. If the intent is to keep this existing storm, the demo sheet should be updated to clearly show the extent of the storm being demolished.

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RALEIGH WATER REVIEW OFFICER \_\_\_\_\_

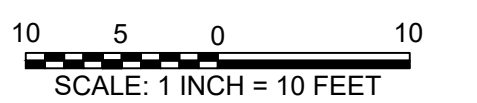
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GRADING AND EROSION & SEDIMENT CONTROL PLAN

**C-5**  
SHEET 5 OF 9

**CONSTRUCTION SEQUENCE**

1. INSTALL GRAVEL CONSTRUCTION PAD, SILT FENCE, OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN.
2. BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED.
3. BEGIN ROUGH GRADING.
4. INSTALL STORM, WATER, AND SEWER UTILITIES.
5. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, ETC. SEED AND MULCH DENUDED AREAS PER GROUND STABILIZATION TIME FRAMES.
6. REMOVE TEMPORARY SILT FENCE, ETC., AND SEED OR STABILIZE ANY RESULTING BARE AREAS.

**EROSION CONTROL NOTES**

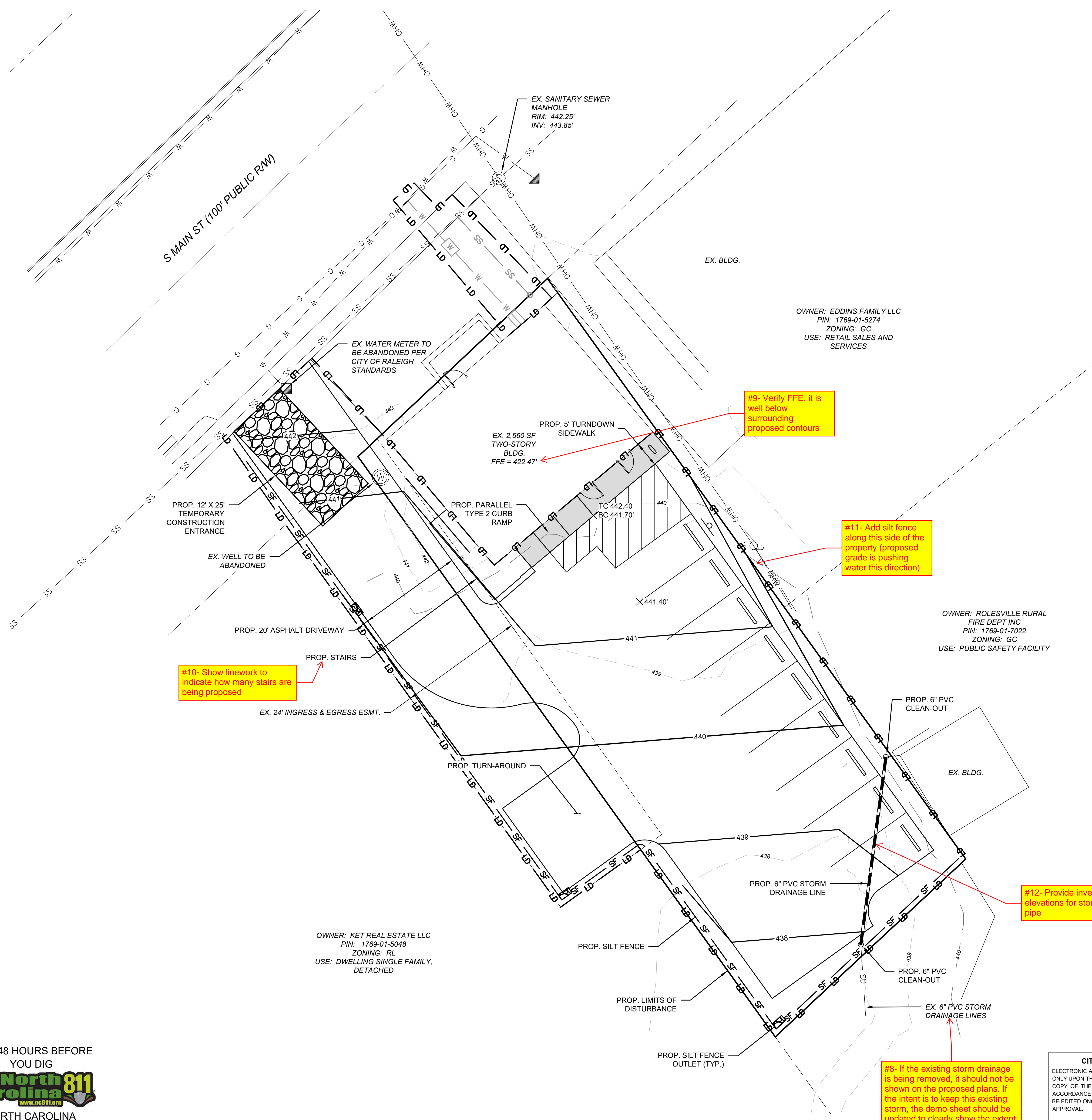
1. ALL LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH WAKE COUNTY AND NCEQ STANDARDS.
2. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING CONDITION DURING THE PERIOD OF CONSTRUCTION.
3. ADDITIONAL EROSION CONTROL MEASURES AND/OR MODIFICATIONS TO PROPOSED MEASURES MAY BE NECESSARY DEPENDING ON ACTUAL SITE CONDITIONS.
4. THE TOTAL DISTURBED AREA IS 0.19 ACRE.
5. SILT FENCE OUTLETS TO BE PLACED AS SHOWN AND AT LOW POINTS ALONG SILT FENCE AS NECESSARY.

**GRADING & DRAINAGE NOTES**

1. PROPOSED CONTOURS REPRESENT FINISH GRADES.
2. PROPOSED ADA STALL AND AISLE SHALL HAVE SLOPES NO STEEPER THAN 1:48 (2%) IN ALL DIRECTIONS.
3. PROPOSED ACCESSIBLE ROUTES SHALL HAVE RUNNING SLOPES NO STEEPER THAN 1:20 (5%) AND CROSS SLOPES NO STEEPER THAN 1:48 (2%).

**LEGEND**

	EX. PROPERTY LINE
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	EX. ADJACENT OWNERS
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	EX. STORM SEWER
	EX. MAJOR CONTOUR (5')
	EX. MINOR CONTOUR (1')
	PROP. WATER LINE
	PROP. SANITARY SEWER
	PROP. STORM SEWER
	PROP. MAJOR CONTOUR (5')
	PROP. MINOR CONTOUR (1')
	PROP. LIMIT OF DISTURBANCE
	PROP. SILT FENCE
	PROP. CONSTRUCTION ENTRANCE
	PROP. SILT FENCE OUTLET



#9- Verify FFE, it is well below surrounding proposed contours

#11- Add silt fence along this side of the property (proposed grade is pushing water this direction)

#10- Show linework to indicate how many stairs are being proposed

#12- Provide invert elevations for storm pipe

#8- If the existing storm drainage is being removed, it should not be shown on the proposed plans. If the intent is to keep this existing storm, the demo sheet should be updated to clearly show the extent of the storm being demolished.

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REVISION HISTORY

REV #	DESCRIPTION	DATE	BY

ORIGINAL PLAN SIZE: 24" X 36"

SCALE: 1 INCH = 10 FEET

SCALE ADJUSTMENT  
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING  
IF IT IS NOT 1 INCH ON THIS SHEET, ADJUST YOUR SCALE ACCORDINGLY

SITE CONSTRUCTION PLANS

SALON  
105 S MAIN ST  
ROLESVILLE, NC 27571

DRAGONFLY INVESTMENTS LLC

DATE:	04-26-2024
SCALE:	AS SHOWN
DESIGNED BY:	FLM
APPROVED BY:	FLM
PROJECT NO.:	23043

LANDSCAPING PLAN

**C-6**  
SHEET 6 OF 9

NOTES

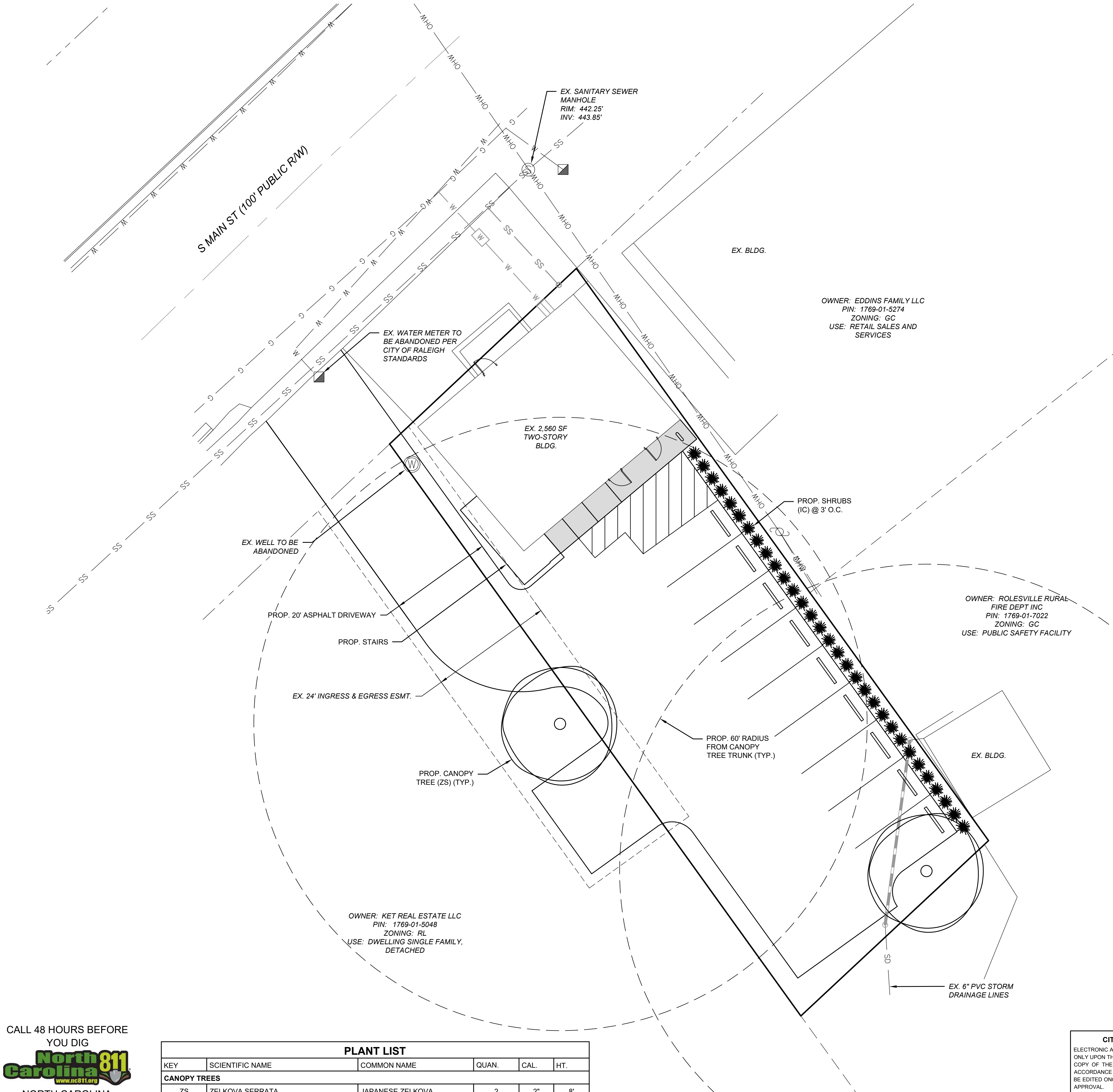
- ALL NEW PLANTINGS SHALL MEET THE REQUIREMENTS OF THE TOWN OF ROLESVILLE LAND DEVELOPMENT ORDINANCE (LDO) SECTION 6.2.
- NO CHANGE OF USE IS PROPOSED, THUS, PERIMETER BUFFERS ARE NOT REQUIRED.
- ALL DISTURBED AREAS NOT OCCUPIED BY STRUCTURES, PAVING OR PLANTINGS SHALL BE GRADED AND SEEDED AS INDICATED IN SPECIFICATIONS.
- ALL TREE PLANTINGS SHALL BE MULCHED WITH 4" CLEAN, PINE STRAW MULCH.
- ALL PLANT BEDS TO BE EDGED WITH TYPICAL "V-CANNEL" EDGE.
- A MINIMUM OF FOUR INDIVIDUAL SOIL SAMPLES SHALL BE TAKEN THROUGHOUT THE SITE FOR OVERALL SOIL ANALYSIS.
- CONTRACTOR TO UTILIZE ALL ONSITE TOPSOIL. CONTRACTOR SHALL SUPPLY ADDITIONAL TOPSOIL AT NO ADDITIONAL COST TO OWNER IF EXISTING TOPSOIL IS NOT SUFFICIENT TO MEET THE NEEDS OF THIS PROJECT.
- ALL PLANTING AREAS TO RECEIVE 1 CY OF SOIL CONDITIONER FOR EACH 75 SF OF PLANT BED AREA. ACCEPTABLE SOIL CONDITIONERS SHALL BE PULVERIZED PINE BARK, PEAT MOSS OR SHREDDED/COMPOSTED LEAVES.
- CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES BEFORE BEGINNING OF GRADING AND LANDSCAPE INSTALLATION.
- CONTRACTOR TO VERIFY QUANTITIES OF PLANTINGS AS SHOWN. PLANTINGS INDICATED ON PLANS SHALL PREVAIL OVER QUANTITIES INDICATED IN PLANT LIST IF DISCREPANCIES ARISE.
- ALL PLANTS ARE TO BE THOROUGHLY "WATERED IN" THE SAME DAY AS PLANTED.
- THE PLANT HOLE WIDTH SHALL BE A MINIMUM THREE TIMES THE DIAMETER OF THE ROOT BALL.
- REMOVE ALL STRAPPING AND TWINE FROM ROOT BALL. REMOVE WIRE BASKET AND BURLAP FROM TOP 1/3 OF ROOT BALL BEFORE BACKFILLING AROUND BALL IS COMPLETED.
- ALL TREES WHICH ARE SMOOTH BARKED AT THE TIME OF PLANTING AND HAVE MORE THAN 2' OF ALL TREE WRAPPING SHALL EXTEND FROM THE TOP OF THE BACKFILL TO THE LOWERMOST TREE BRANCHES.
- ALL TREES, WHEN PLANTED, SHALL HAVE THE SAME RELATIONSHIP TO FINISHED GRADE AS TO THE GRADING PLAN.
- LANDSCAPING SHOWN MEETS QUANTITY REQUIREMENTS. ALL INSTALLATION AND MAINTENANCE SHALL BE PER TOWN OF ROLESVILLE UDO.
- ALL ADDITIONAL LANDSCAPING SHALL BE PER OWNER.

LANDSCAPING REQUIREMENTS

- PARKING LANDSCAPING:**
- ALL PARKING SPACES SHALL BE WITHIN 60' FROM THE TRUNK OF A CANOPY TREE
  - PARKING PERIMETER SHALL CONSIST OF A SINGLE CONTINUOUS ROW OF SHRUBS NO GREATER THAN 3' ON-CENTER AND WITHIN 5' OF THE PARKING LOT EDGE

LEGEND

———	EX. PROPERTY LINE
- - - -	EX. RIGHT-OF-WAY
- · - · -	EX. ADJACENT OWNERS
- - - - -	EX. OVERHEAD ELECTRIC LINE
— W — W —	EX. WATER LINE
— G — G —	EX. GAS LINE
— SS — SS —	EX. SANITARY SEWER
— SD — SD —	EX. STORM SEWER
— W — W —	PROP. WATER LINE
— SS — SS —	PROP. SANITARY SEWER
— SD — SD —	PROP. STORM SEWER
○	PROP. CANOPY TREE
★	PROP. SHRUB



PLANT LIST					
KEY	SCIENTIFIC NAME	COMMON NAME	QUAN.	CAL.	HT.
<b>CANOPY TREES</b>					
ZS	ZELKOVA SERRATA	JAPANESE ZELKOVA	2	2"	8'
<b>SHRUBS</b>					
IC	ILEX CRENATA	JAPANESE HOLLY	31		18"

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 ROLESVILLE, NC 27571

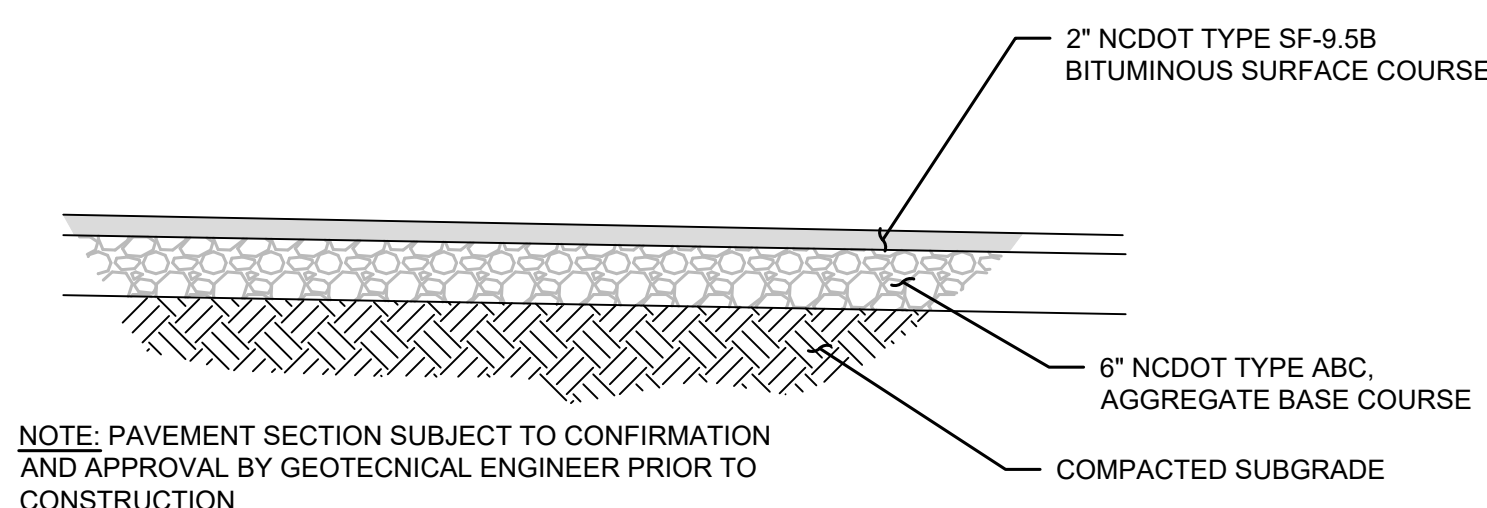
### DRAGONFLY INVESTMENTS LLC

DATE: 04-26-2024  
 SCALE: AS SHOWN  
 DESIGNED BY: FLM  
 APPROVED BY: FLM  
 PROJECT NO.: 23043

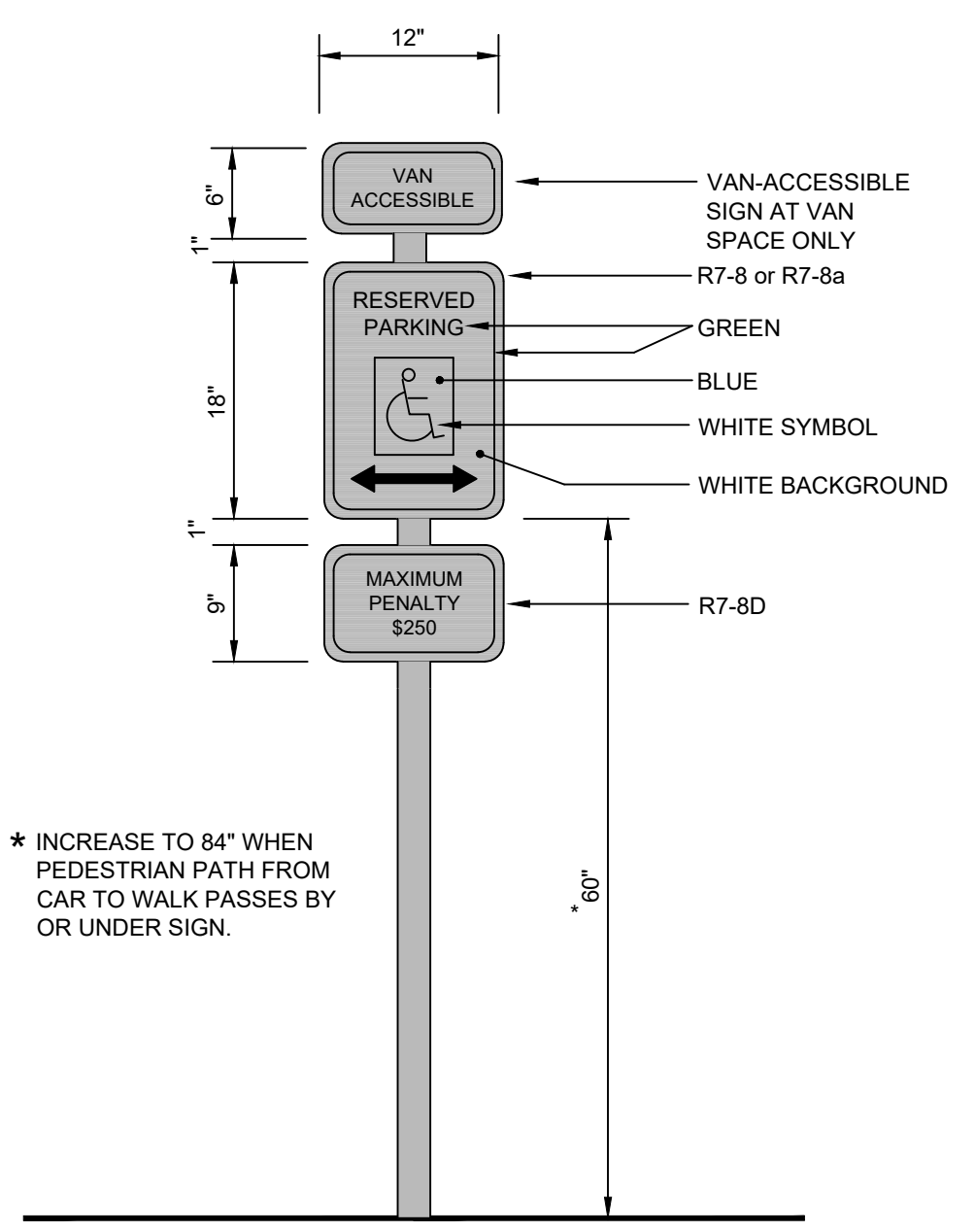
### SITE DETAILS

# C-7

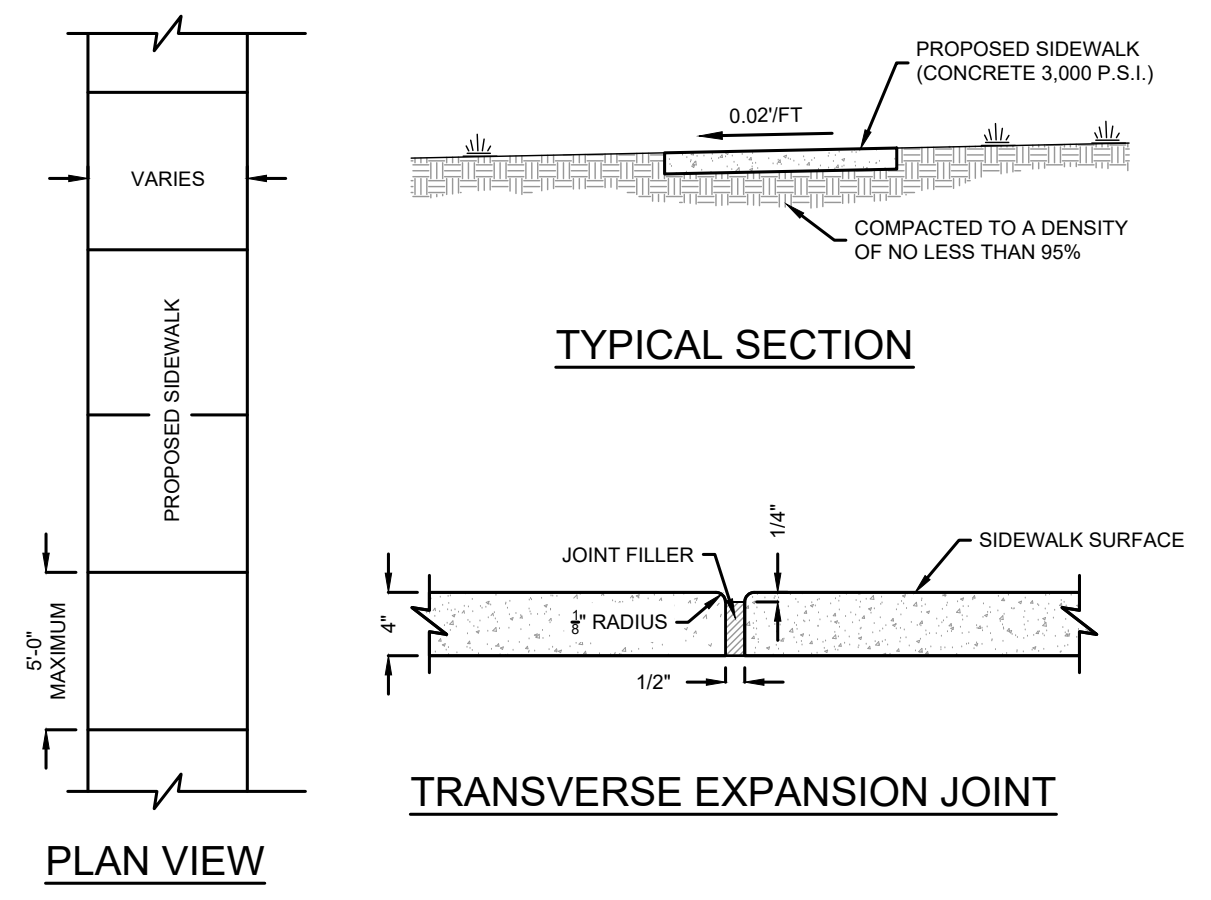
SHEET 7 OF 9



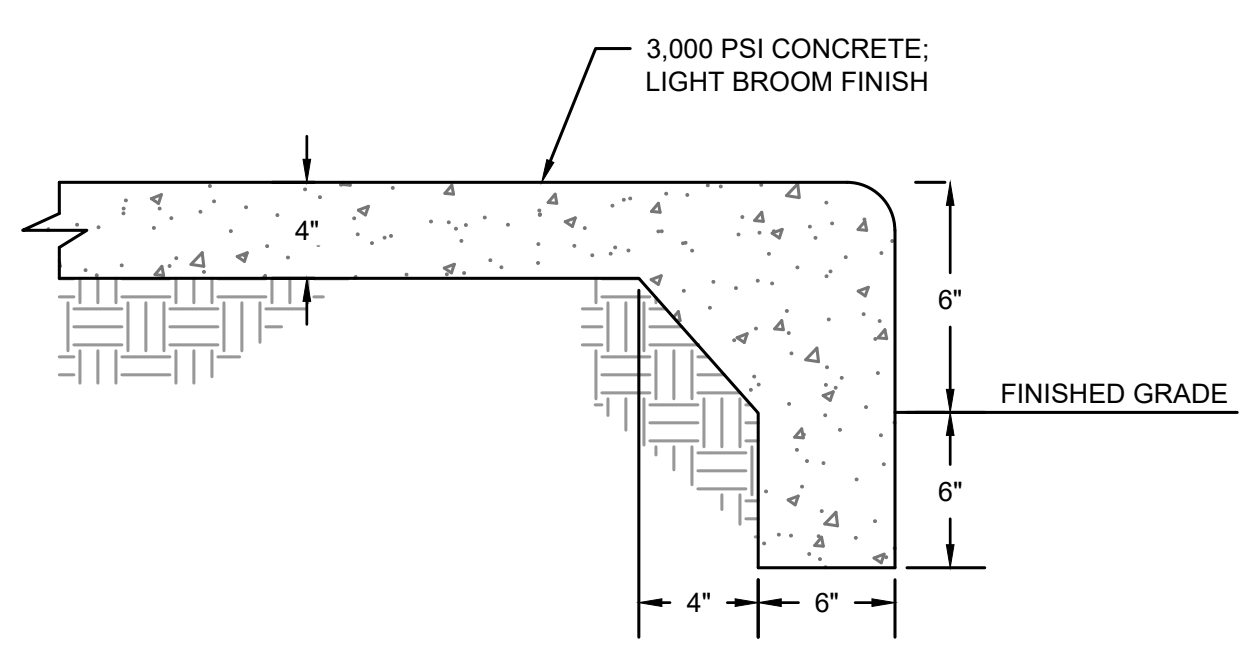
**ASPHALT PARKING PAVEMENT SECTION**  
 NO SCALE



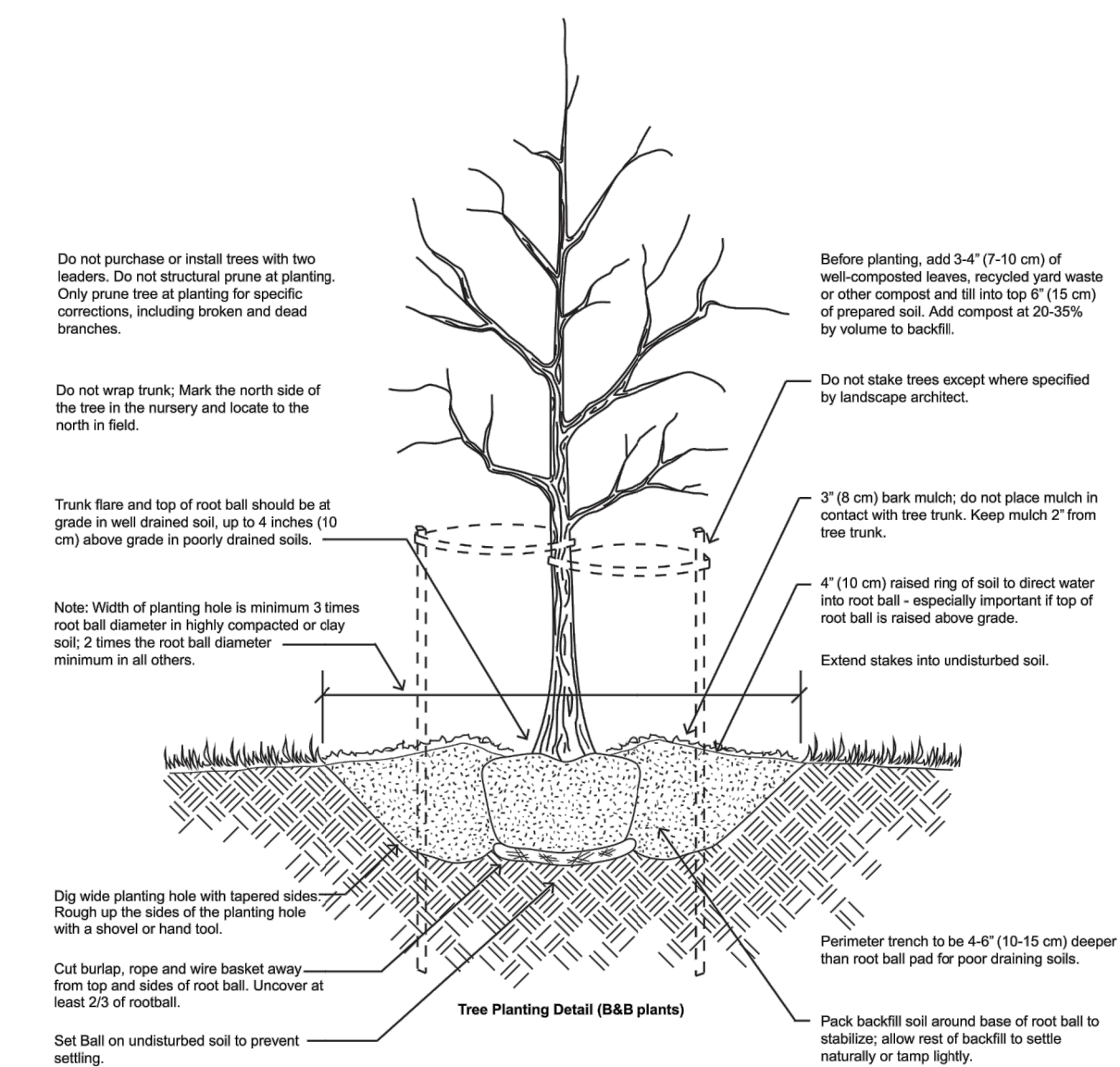
**ADA SIGN AND POST**  
 NO SCALE



**CONCRETE SIDEWALK**  
 NO SCALE

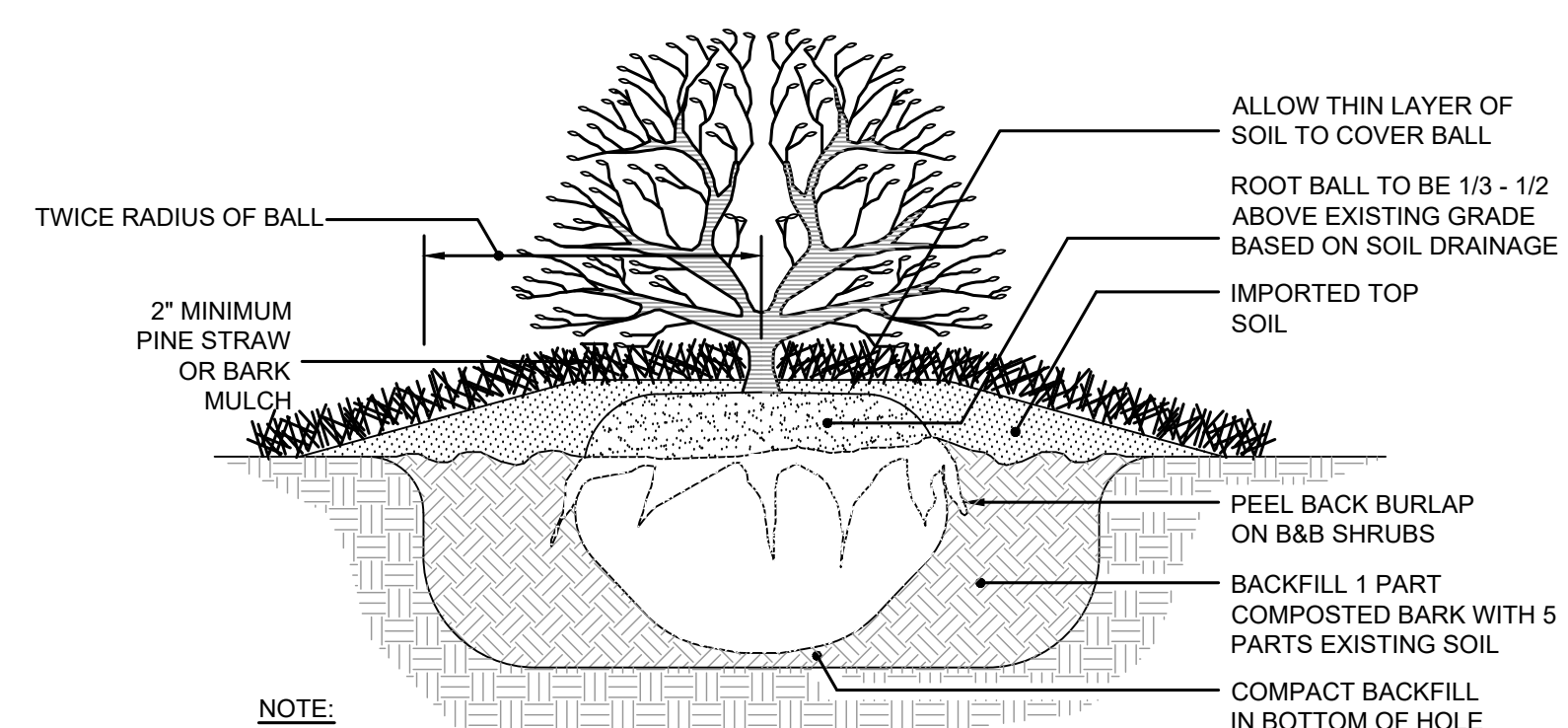


**TURNDOWN SIDEWALK**  
 NO SCALE



**NOTE:**  
 1. Where several trees will be planted close together such that they will reach above root space, fill in soil amendments to a depth of 4'-0" (10-15cm) over the entire area.  
 2. For container grown trees, use fingers or small hand tools to pull the roots out of the outer layer of potting soil, then cut or pull apart any roots extending the perimeter of the container.  
 3. During the design phase, confirm that water drains out of the soil, use lowered drainage system as required.  
 4. Thoroughly soak the tree root ball and adjacent prepared soil several times during the first month after planting and regularly throughout the following two summers.  
 5. The planting process is similar for deciduous and evergreen trees.

**TREE PLANTING DETAIL**  
 NO SCALE



**NOTE:**  
 1. ALL SHRUB/EVERGREEN BEDS SHALL BE RAISED 6" - 8" ABOVE ADJACENT GRADE, AND TILLED WITH SOIL CONDITIONER.  
 2. ALL SHRUB/EVERGREEN BEDS IN PARKING ISLANDS ONLY SHALL BE RAISED 12" ABOVE ADJACENT GRADE AND TILLED WITH SOIL CONDITIONER.

**TYP. SHRUB/EVERGREEN PLANTING DETAIL**  
 NO SCALE

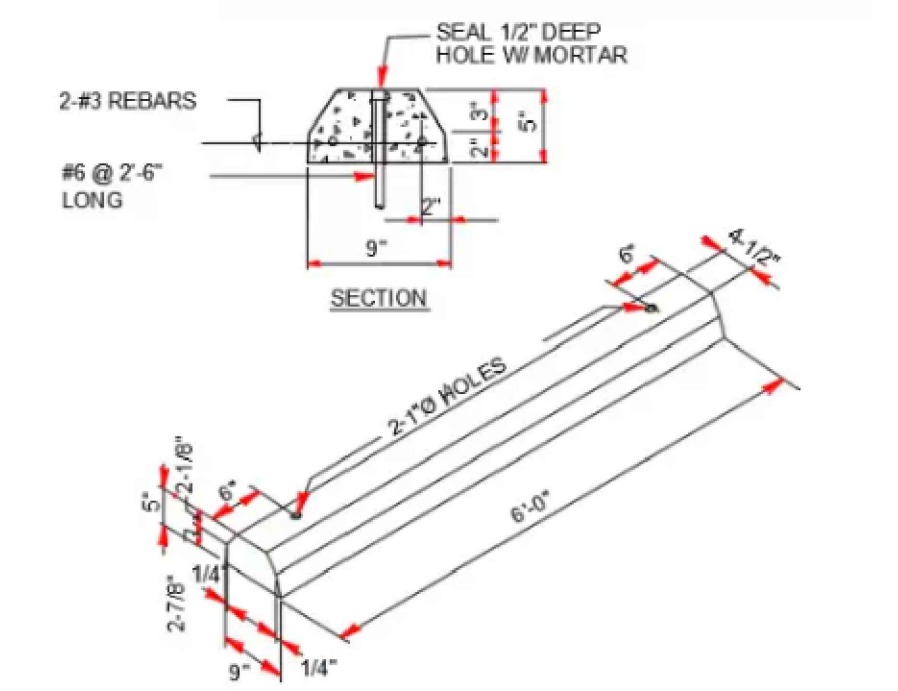
### 1-Loop Wave Style Bike Rack - 3 Bike Capacity, Black



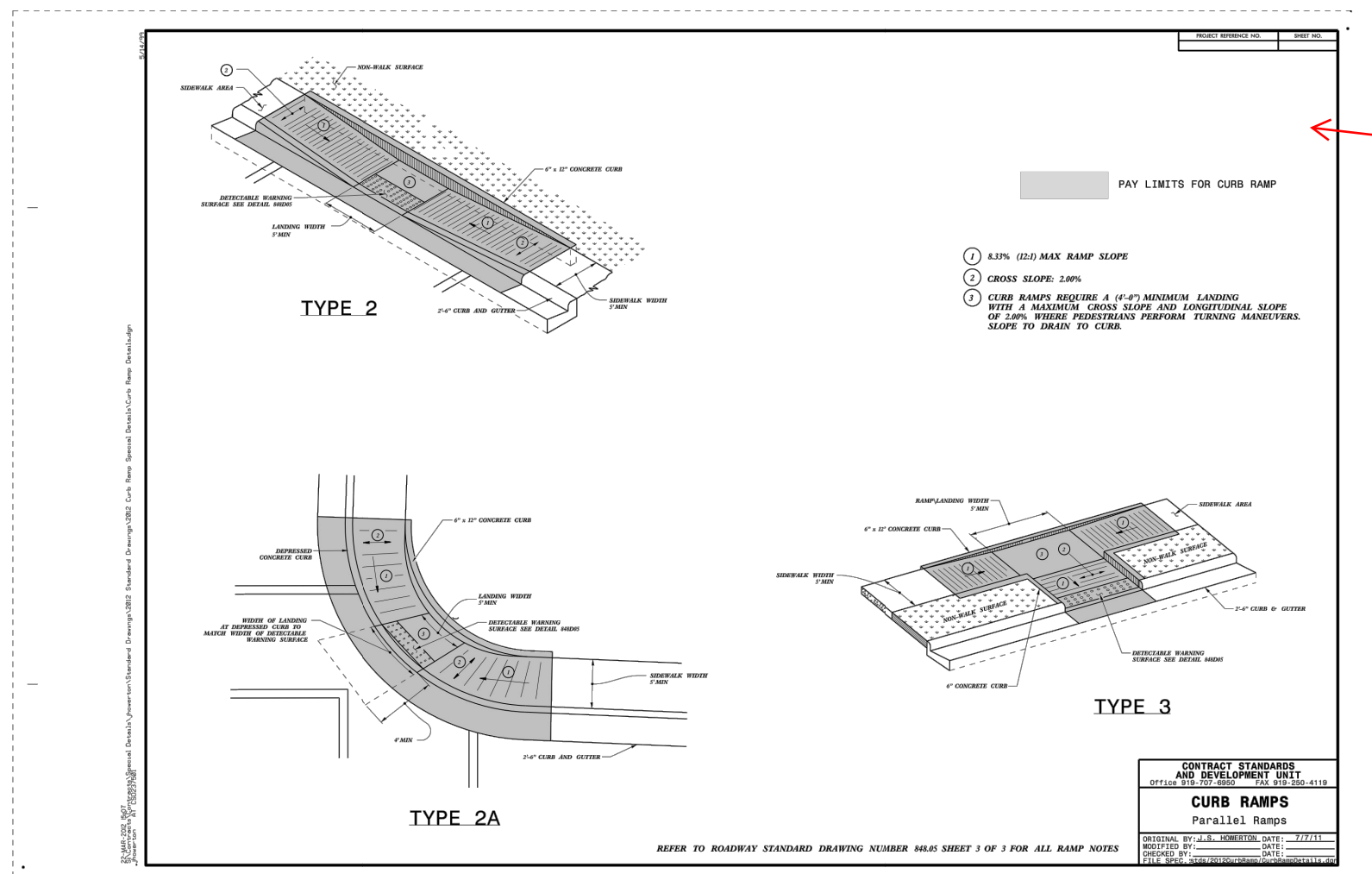
Upscale stylish look for downtown shopping and business districts.  
 • For stadiums, parks and athletic fields.  
 • 10-gauge steel with attractive powder coating.  
 • 2 3/8" diameter bar.  
 • Mounting hardware included.

MODEL NO.	DESCRIPTION	SIZE L x W x H	BIKE CAPACITY	WT. (LBS.)	PRICE EACH	COLOR	IN STOCK SHIPS TODAY
H-2892BL	1-Loop	22 x 2 1/2 x 34"	3	27	\$230	Black	ADD

**BIKE RACK DETAIL**  
 NO SCALE



**PRE-CAST CONCRETE WHEEL STOP DETAIL**  
 NO SCALE



#13- The Town prefers to see NCDOT 2024 details 848.05 or 848.06 for curb ramps

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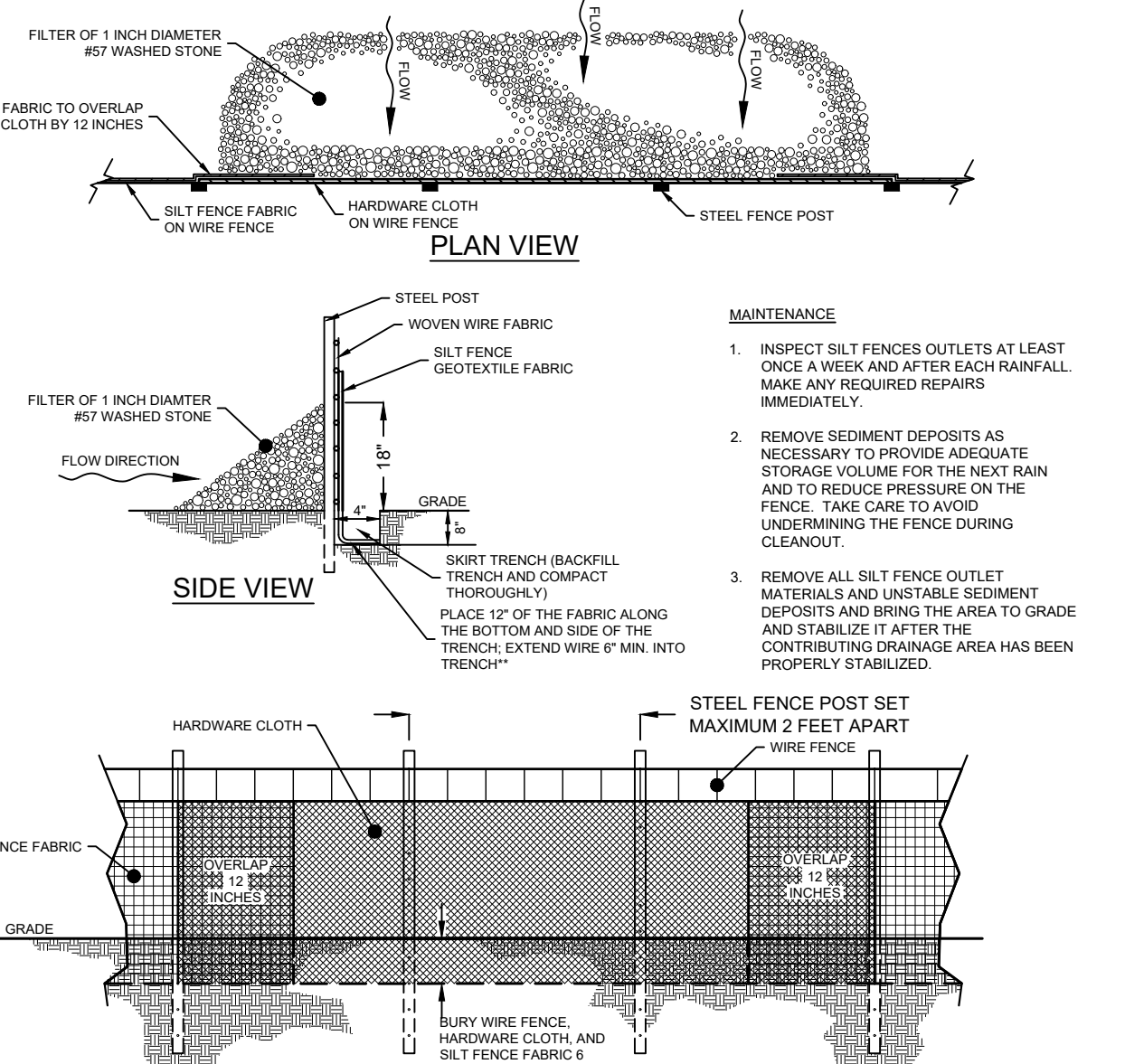
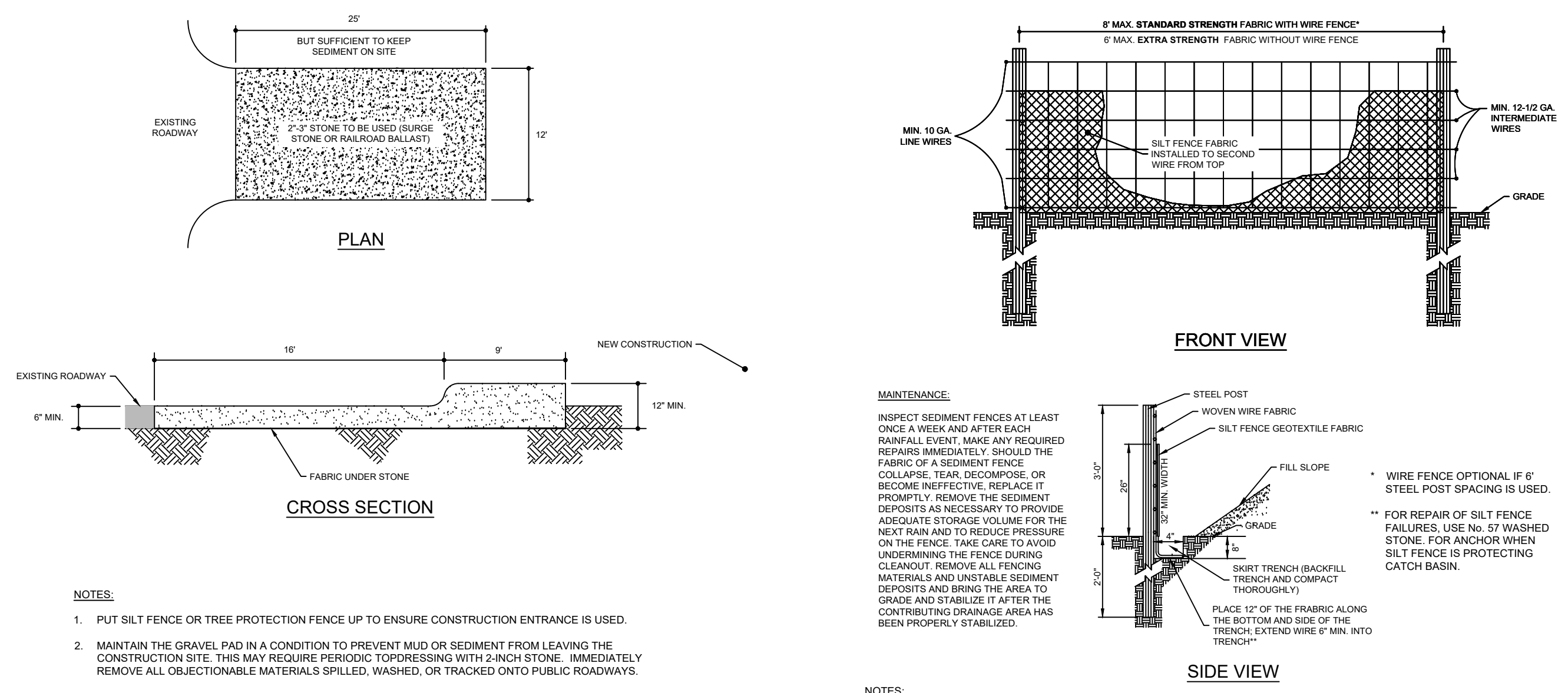
SITE CONSTRUCTION PLANS

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DRAGONFLY INVESTMENTS LLC

DATE:	04-26-2024
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PROJECT NO.:	23043

EROSION & SEDIMENT CONTROL DETAILS



**FOR SHOULDERS, SIDE DITCHES, SLOPES (MAX 3:1):**

DATE	TYPE	PLANTING RATE
AUG 15-NOV 1	TALL FESCUE	300 LBS/ACRE
NOV 1-MAR 1	TALL FESCUE & ABRUZZI RYE	300 LBS/ACRE
MAR 1-APR 15	TALL FESCUE	300 LBS/ACRE
APR 15-JUN 30	HULLED COMMON BERMUDAGRASS	25 LBS/ACRE
JUL 1-AUG 15	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS ***	125 LBS/ACRE (TALL FESCUE); 35 LBS/ACRE (BROWNTOP MILLET); 30 LBS/ACRE (SORGHUM-SUDAN HYBRIDS)

\*\*\* TEMPORARY: RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW MORE THAN 12" IN HEIGHT BEFORE MOWING; OTHERWISE, FESCUE MAY BE SHADED OUT.

**FOR SHOULDERS, SIDE DITCHES, SLOPES (3:1 TO 2:1):**

DATE	TYPE	PLANTING RATE
MAR 1 - JUN 1	SERICA LESPEDEZA (SCARIFIED) AND USE THE FOLLOWING COMBINATIONS:	50 LBS/ACRE
MAR 1 - APR 15	ADD TALL FESCUE	120 LBS/ACRE
MAR 1 - JUN 30	OR ADD WEEPING LOVE GRASS	10 LBS/ACRE
MAR 1 - JUN 30	OR ADD HULLED COMMON BERMUDAGRASS	25 LBS/ACRE
JUN 1 - SEPT 1	TALL FESCUE AND BROWNTOP MILLET OR SORGHUM-SUDAN HYBRIDS ***	120 LBS/ACRE (TALL FESCUE); 35 LBS/ACRE (BROWNTOP MILLET); 30 LBS/ACRE (SORGHUM-SUDAN HYBRIDS)
SEPT 1 - MAR 1	SERICA LESPEDEZA (UNHILLED - UNSCARIFIED) AND TALL FESCUE	70 LBS/ACRE (SERICA LESPEDEZA); 120 LBS/ACRE (TALL FESCUE)
NOV 1 - MAR 1	AND ABRUZZI RYE	25 LBS/ACRE

\*\*\* TEMPORARY: RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW MORE THAN 12" IN HEIGHT BEFORE MOWING; OTHERWISE, FESCUE MAY BE SHADED OUT.

**MIXTURE**

AGRICULTURAL LIMESTONE	3 TONS/ACRE (3 TONS/ACRE IN CLAY SOILS)
FERTILIZER	1,000 LBS/ACRE - 10-10-10
SUPERPHOSPHATE	500 LBS/ACRE - 20% ANALYSIS
MULCH	2 TONS/ACRE - SMALL GRAIN STRAW
ANCHOR	ASPHALT EMULSION AT 400 GALS/ACRE

**FOR LATE WINTER AND EARLY SPRING:**

**SOIL AMENDMENTS:**  
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 3 TON/ACRE (6,000 LBS/ACRE) GROUND AGRICULTURAL LIMESTONE AND 750 LBS/ACRE 10-10-10 FERTILIZER

**MULCH:**  
APPLY 4,000 LBS/ACRE STRAW. ANCHOR STRAW BY TACKING WITH 400 GALLONS/ACRE OF ASPHALT EMULSION, NETTING, OR A MULCH ANCHORING TOOL.

**MAINTENANCE:**  
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE, AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

**FOR FALL:**

**SOIL AMENDMENTS:**  
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 3 TON/ACRE (6,000 LBS/ACRE) GROUND AGRICULTURAL LIMESTONE AND 1,000 LBS/ACRE 10-10-10 FERTILIZER

**MULCH:**  
APPLY 4,000 LBS/ACRE STRAW. ANCHOR STRAW BY TACKING WITH 400 GALLONS/ACRE OF ASPHALT EMULSION, NETTING, OR A MULCH ANCHORING TOOL.

**MAINTENANCE:**  
REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOPRESS WITH 60 LBS/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LBS/ACRE KORE (PIEDMONT AND COASTAL PLAN) OR KOREAN (MOUNTAINS) LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

**TEMPORARY SEEDING SCHEDULE**  
NO SCALE

**SEEDBED PREPARATION:**  
LIMING: APPLY LIME ACCORDING TO SOIL TEST RECOMMENDATIONS. IF THE PH (ACIDITY) OF THE SOIL IS NOT KNOWN, AN APPLICATION OF GROUND AGRICULTURAL LIMESTONE AT THE 6.106 RATE OF 1 TO 1 1/2 TONS/ACRE ON COARSE-TEXTURED SOILS AND 2-3 TONS/ACRE ON FINE-TEXTURED SOILS IS USUALLY SUFFICIENT. APPLY LIMESTONE UNIFORMLY AND INCORPORATE INTO THE TOP 4-6 INCHES OF SOIL. SOILS WITH A PH OF 6 OR HIGHER NEED NOT BE LIMED.

FERTILIZER: BASE APPLICATION RATES ON SOIL TESTS. WHEN THESE ARE NOT POSSIBLE, APPLY A 10-10-10 GRADE FERTILIZER AT 700-1,000 LBS/ACRE. BOTH FERTILIZER AND LIME SHOULD BE INCORPORATED INTO THE TOP 4-8 INCHES OF SOIL IF A HYDRAULIC SEEDER IS USED. DO NOT MIX SEED AND FERTILIZER MORE THAN 20 MINUTES BEFORE APPLICATION.

SURFACE ROUGHENING: IF RECENT TILLAGE OPERATIONS HAVE RESULTED IN A LOOSE SURFACE, ADDITIONAL ROUGHENING MAY NOT BE REQUIRED, EXCEPT TO BREAK UP LARGE CLODS. IF RAINFALL CAUSES THE SURFACE TO BECOME SEALED OR CRUSTED, LOOSEN IT, JUST PRIOR TO SEEDING, BY DISKING, HARROWING, OR OTHER SUITABLE METHODS. GROOVE OR FURROW SLOPES STEEPER THAN 3:1 ON THE CONTOUR BEFORE SEEDING (PRACTICE 6.03, SURFACE ROUGHENING).

- SEEDBED PREPARATION:**
- CHISEL COMPACTED AREAS AND SPREAD TOPSOIL THREE INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
  - RIE THE ENTIRE AREA TO SIX INCHES DEEP.
  - REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
  - APPLY AGRICULTURAL LIME, FERTILIZER AN SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL. (\*SEE BELOW).
  - CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM REASONABLY UNIFORM SEEDBED IS PREPARED FOUR TO SIX INCHES DEEP.
  - SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
  - MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
  - INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, RE-ESTABLISH FOLLOWING THE ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- \*APPLY: AGRICULTURAL LIMESTONE: 2 TONS/ACRE MINIMUM OR PER SOIL TEST  
FERTILIZER - 10-10-10 ANALYSIS @ 1,000 LBS/ACRE  
SUPERPHOSPHATE - 500 LBS/ACRE OF 20% ANALYSIS  
MULCH - 2 TONS (+/- 80 BALES) STRAW/ACRE  
ANCHOR - USE LIQUID ASPHALT @ 400 GALS/ACRE OR EMULSIFIED ASPHALT @ 400 GALS/ACRE

**PERMANENT SEEDING SCHEDULE**  
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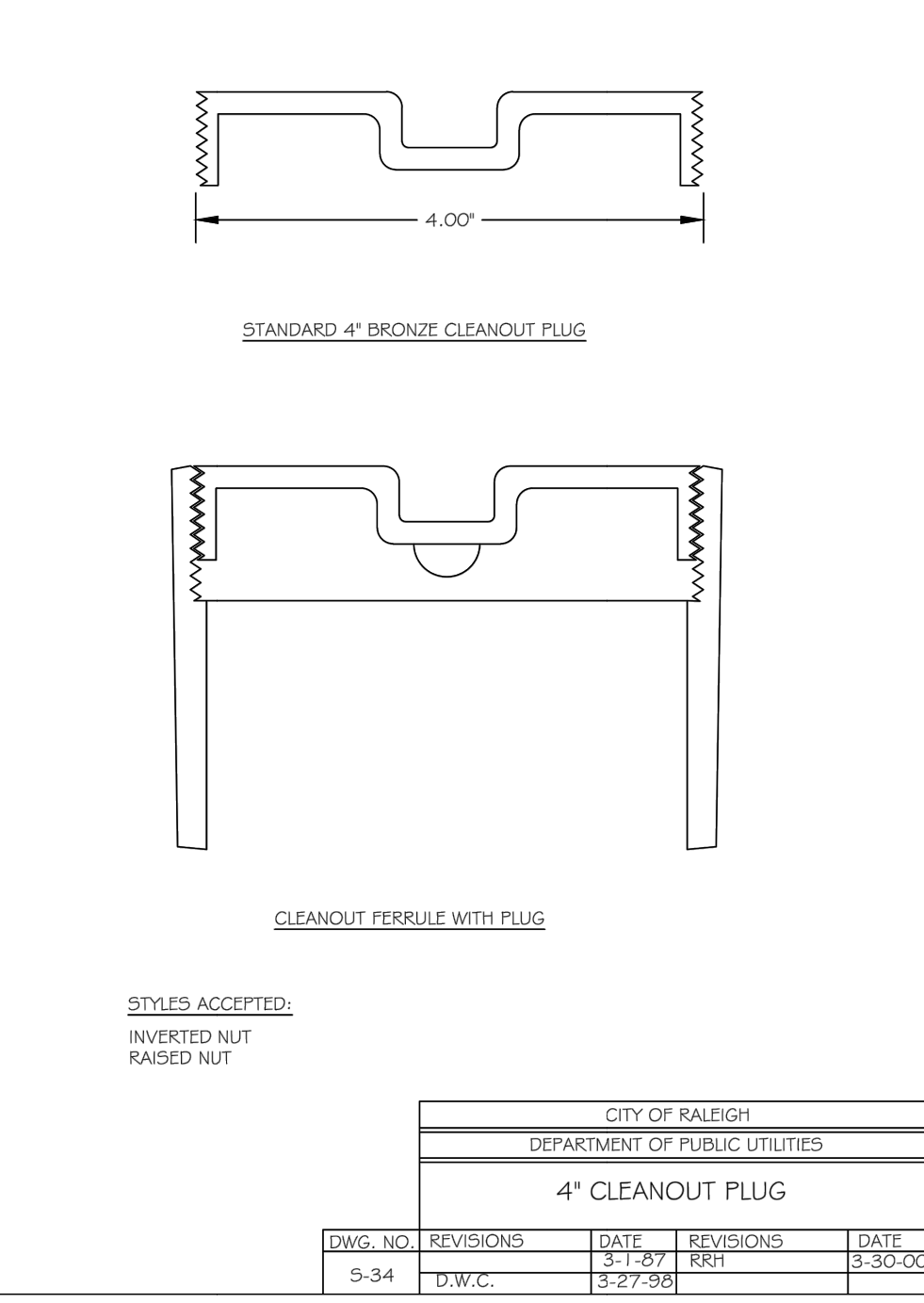
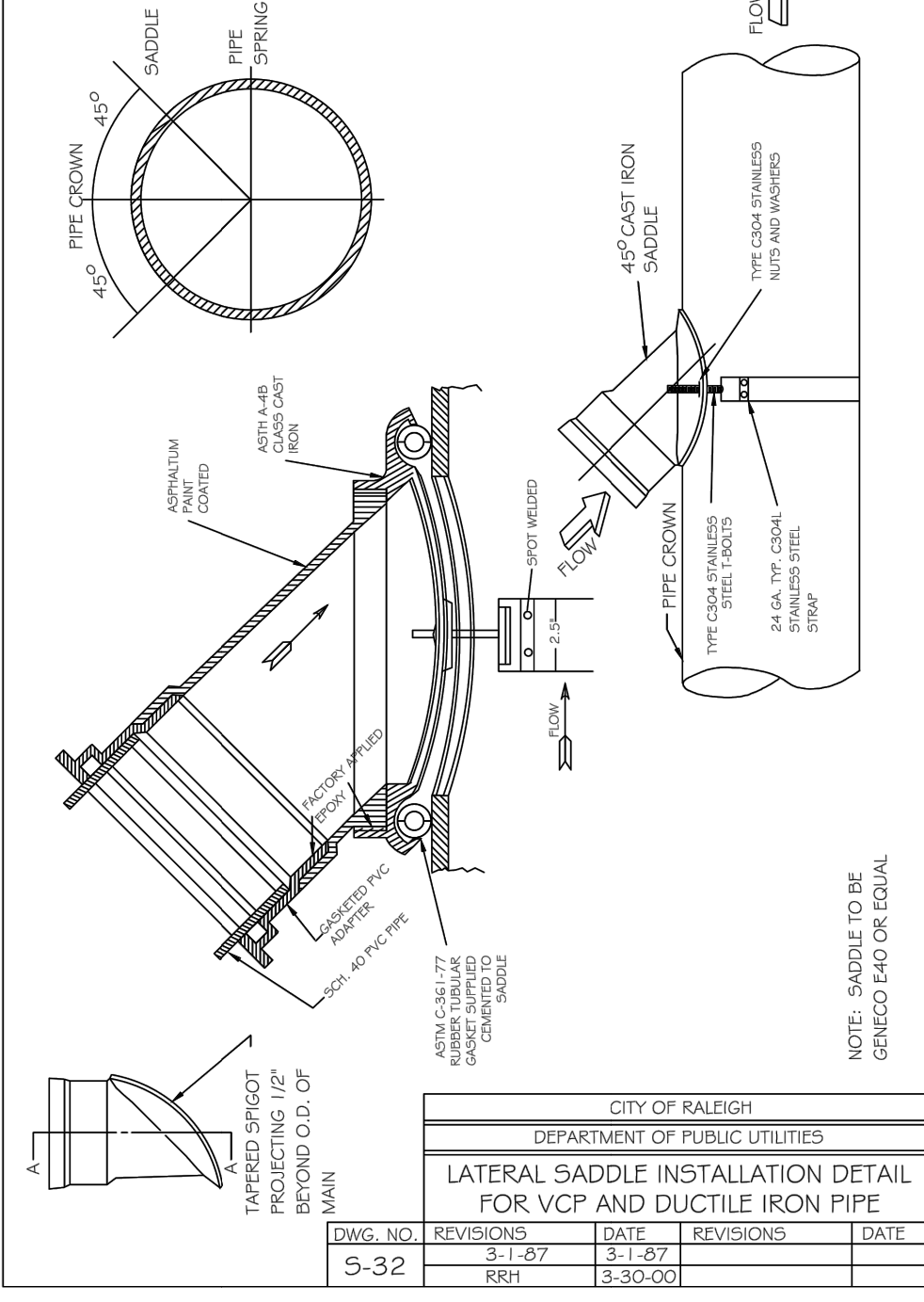
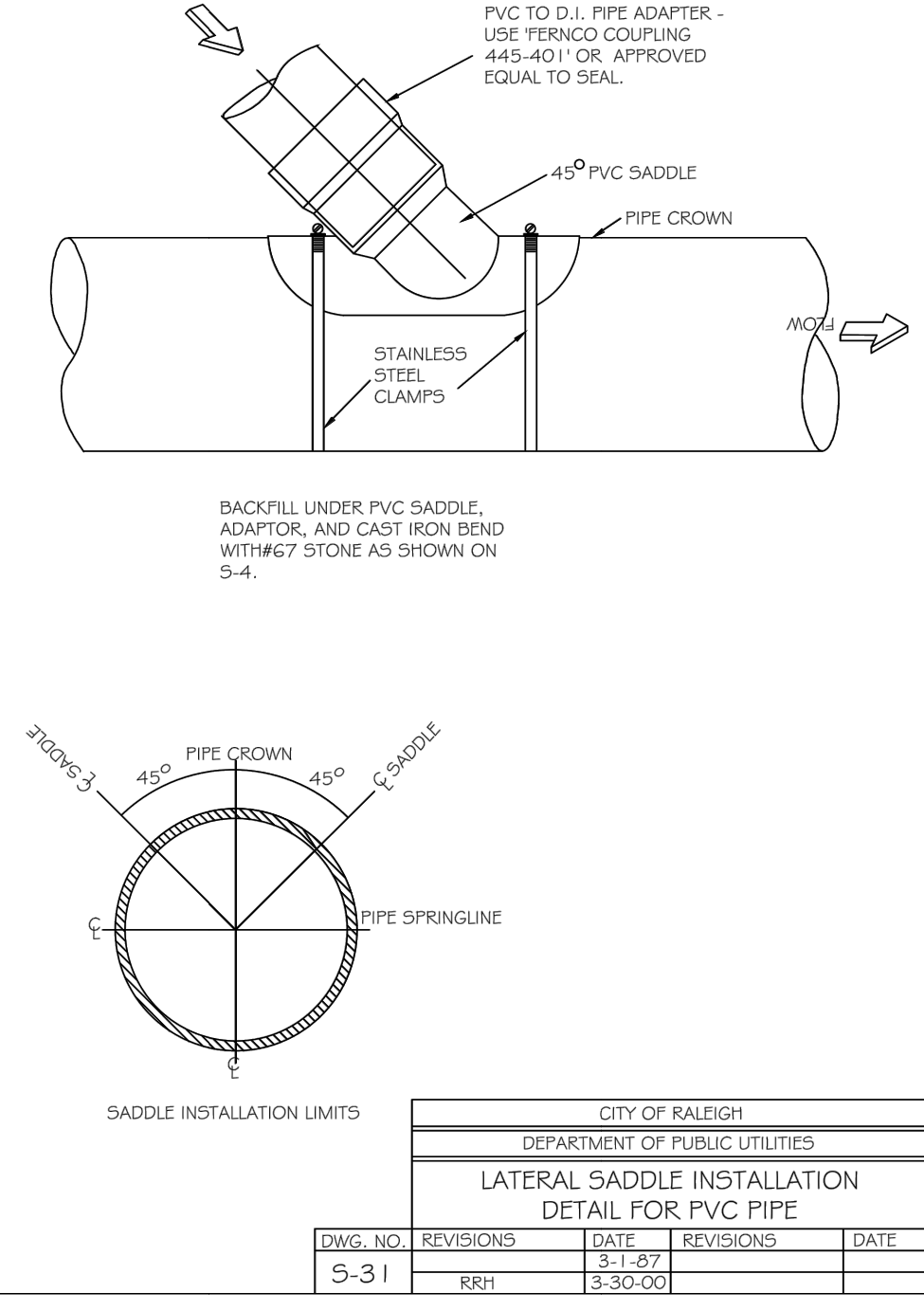
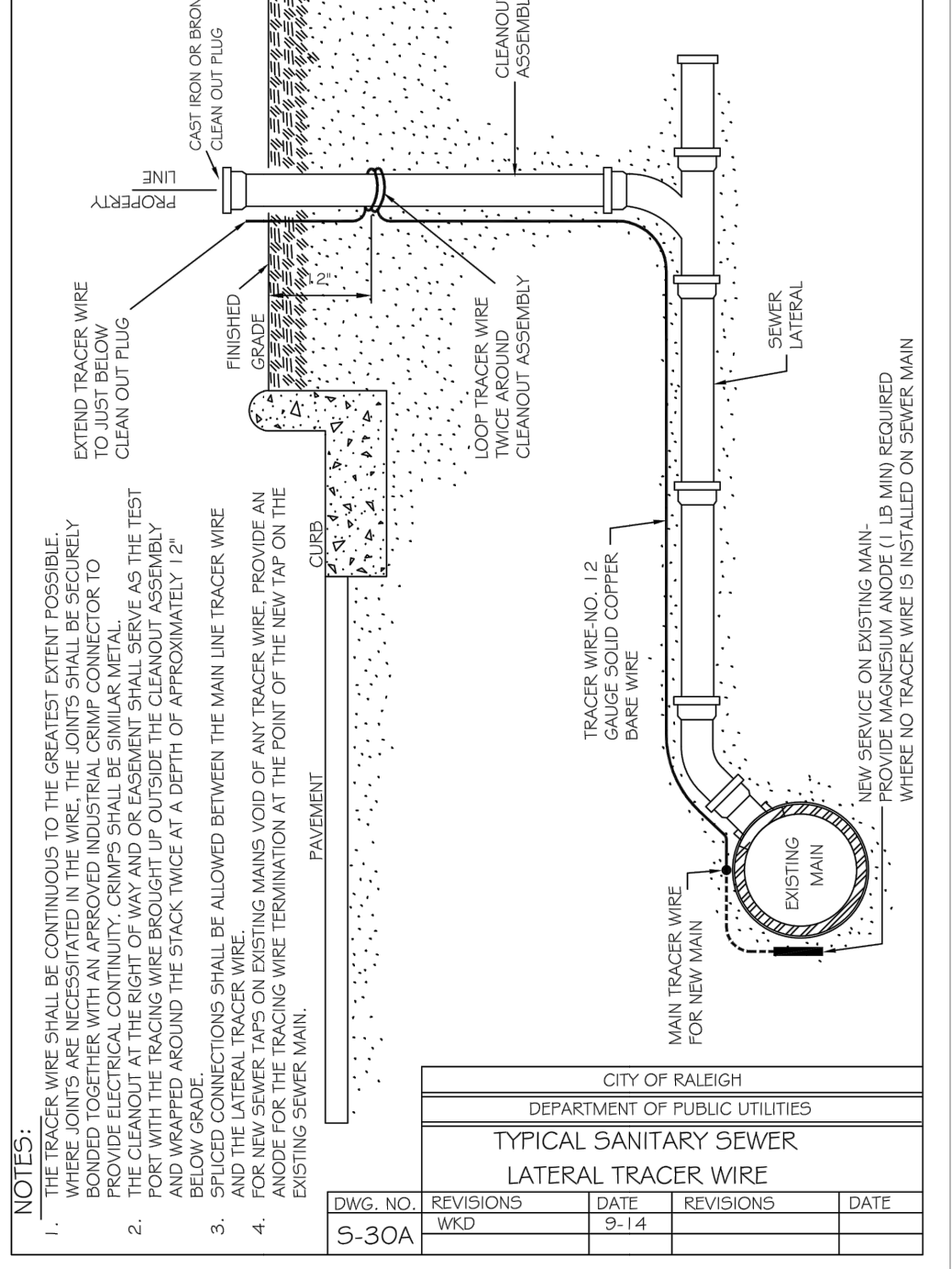
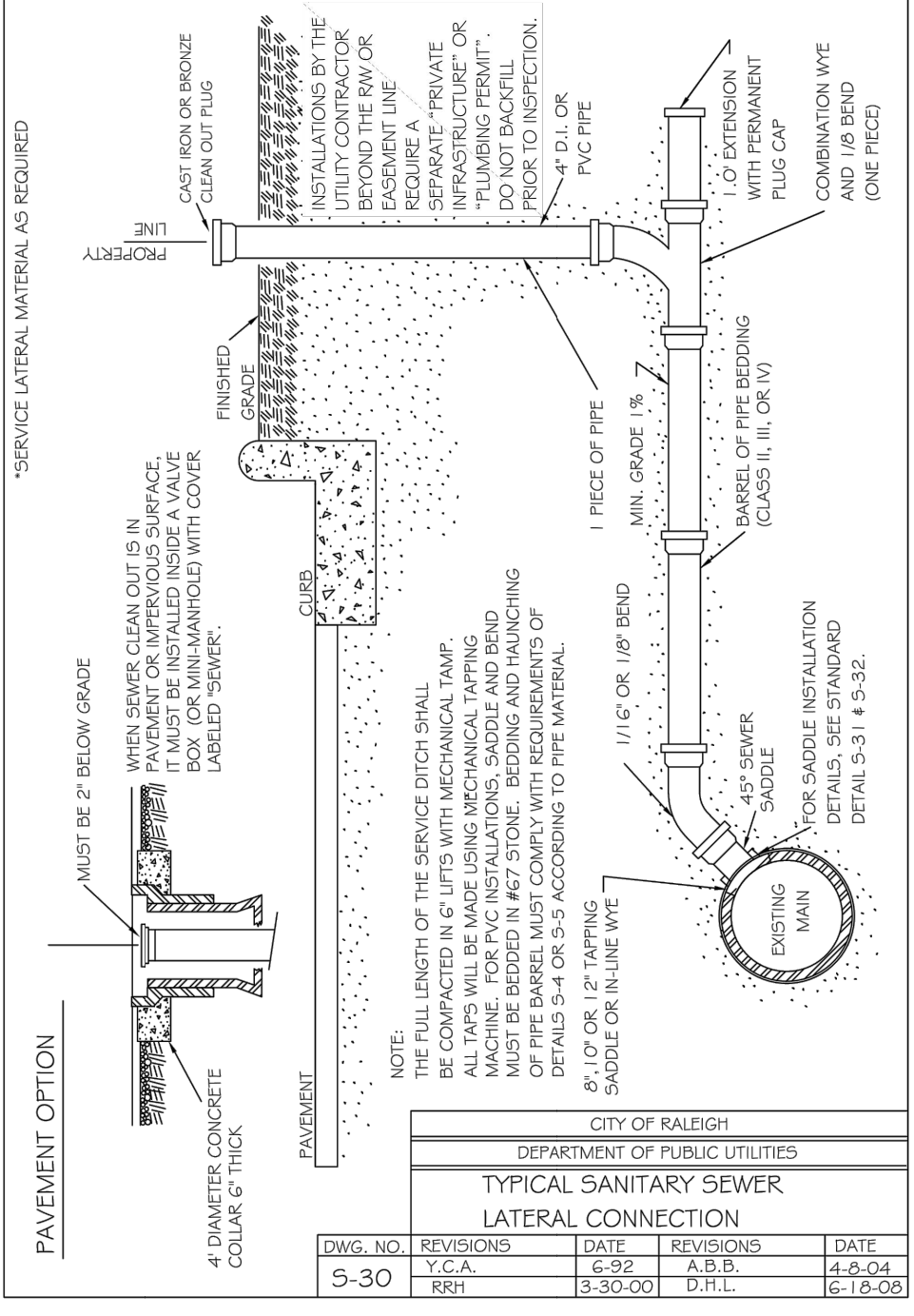
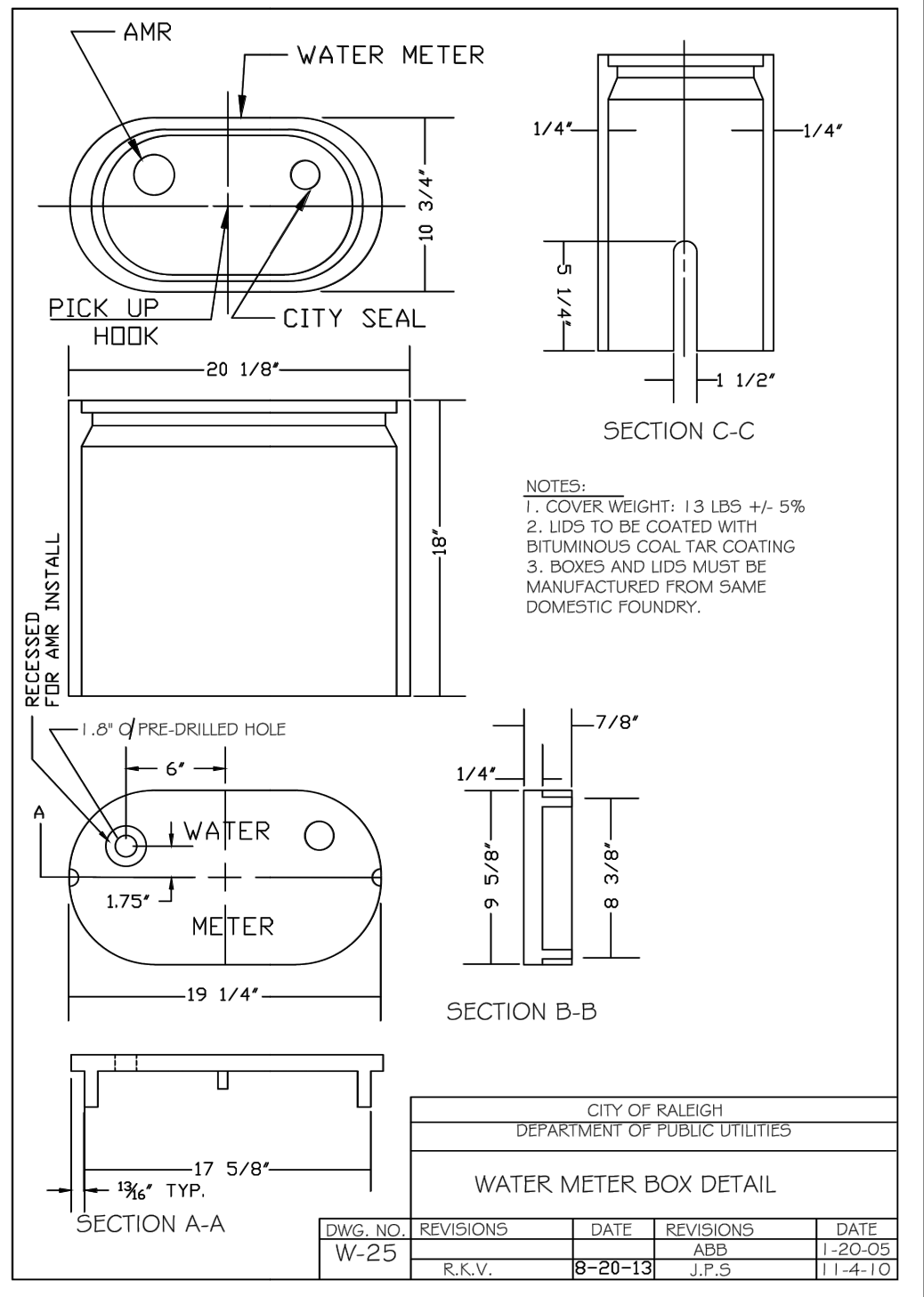
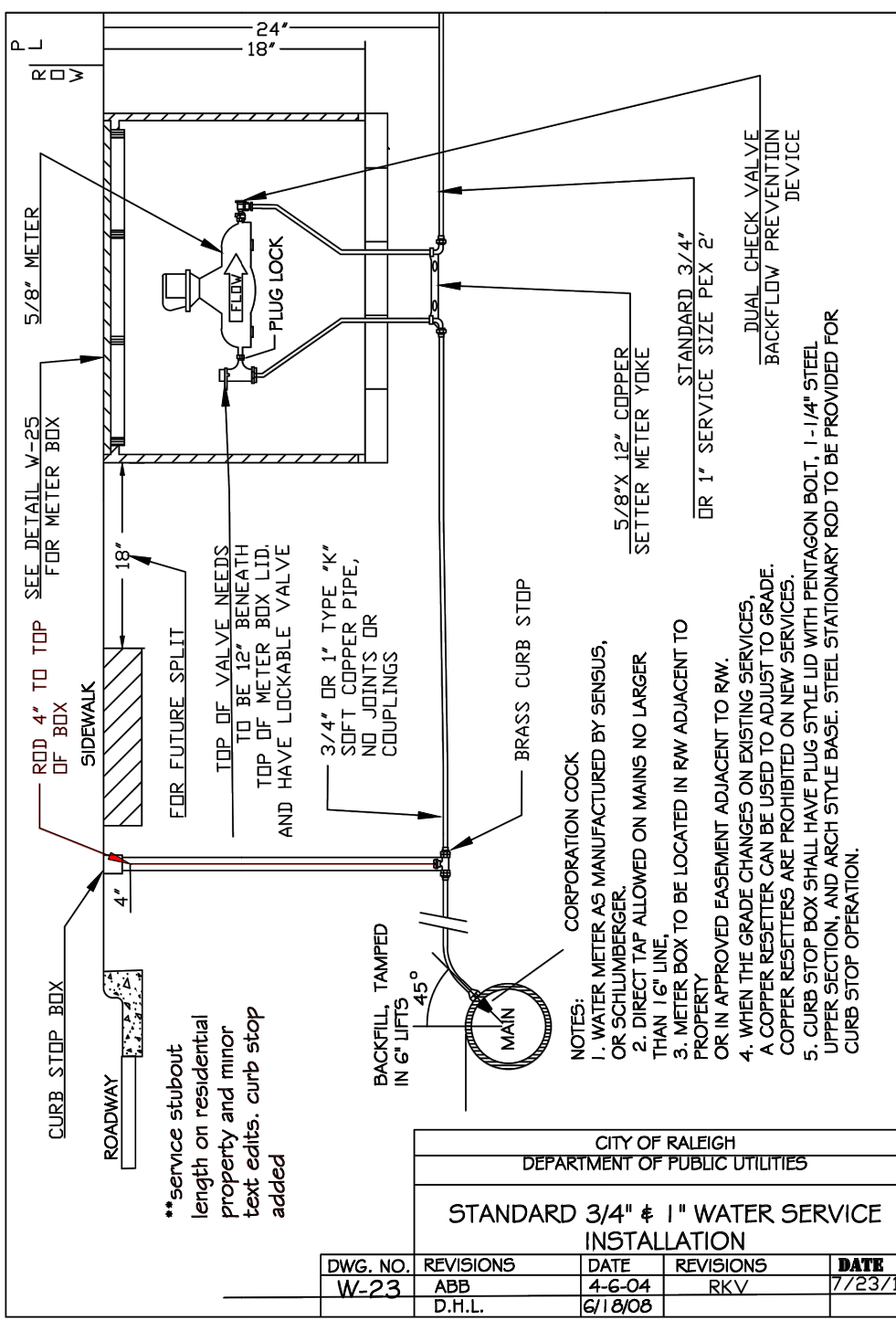
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FIRM NC LICENSE NUMBER C-4222



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