

V3 - SDP-23-09

SCOOTER'S ROLESVILLE

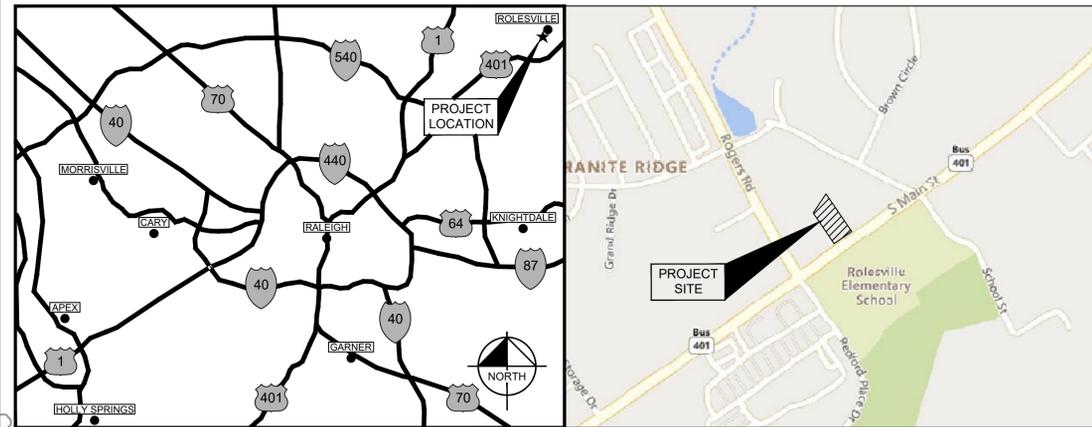
306 SOUTH MAIN STREET
ROLESVILLE, NC 27571

A DEVELOPMENT BY:
S&S JAVA ENTERPRISES

PROJECT NO.: SDP-23-09
DATE: OCTOBER 31, 2023

SITE DATA TABLE

PIN:	1759806076
TOTAL SITE AREA:	0.70 AC
EXISTING ZONING:	GENERAL COMMERCIAL (GC)
BUFFERS:	30' STREETScape BUFFER 25' TYPE 3 PERIMETER BUFFER (REAR)
PROPERTY SETBACKS:	FRONT: 20' SIDE: 15' REAR: 35'
WATERSHED:	SANFORD CREEK
RIVER BASIN:	NEUSE
CURRENT USE:	VACANT
PROPOSED USE:	COMMERCIAL
CURRENT IMPERVIOUS:	144 SF
PROPOSED IMPERVIOUS:	18,700 SF
PARKING:	MIN. REQUIRED: (2.5 SPACES/1,000 SF) X 700 SF = 2.5 SPACES MAX. ALLOWED: (10 SPACES/1,000 SF) X 700 SF = 7 SPACES PROVIDED: 7 SPACES
ACCESSIBLE PARKING:	REQUIRED: 1 SPACE PROVIDED: 1 SPACE
LOADING SPACES:	REQUIRED: 1 SPACE PROVIDED: 1 SPACE
BICYCLE PARKING:	MIN. REQUIRED: (1 SPACE/5,000 SF) X 700 SF = 1 SPACES PROVIDED: 2 SPACES
OPEN SPACE:	REQUIRED: TOTAL REQUIRED: 0.70 AC X 5% = 0.035 AC (1,525 SF) ACTIVE OPEN SPACE REQUIRED: 0.035 AC X 50% = 0.018 AC (784 SF) PROVIDED: ACTIVE OPEN SPACE PROVIDED: 0.031 AC (1,358 SF) PASSIVE OPEN SPACE PROVIDED: 0.050 AC (2,192 SF) TOTAL OPEN SPACE PROVIDED: 0.081 AC (3,550 SF)
TREE COVERAGE DATA:	SEE SHEET L1.0
BUILDING HEIGHT:	19'
BUILDING SQUARE FOOTAGE:	700 SF (APPROX.)



PROJECT LOCATION MAP

SCALE: NOT TO SCALE

VICINITY MAP

SCALE: 1" = 500'

PROJECT OWNERS & CONSULTANTS

<p>OWNER ROLESVILLE, LLC 11016 RUSHMORE DRIVE, SUITE 160 CHARLOTTE, NORTH CAROLINA 28277 CONTACT: MARLAINE KLINTWORTH PHONE: (919) 868-4472 EMAIL: mvkcommercial@gmail.com</p>	<p>LANDSCAPE ARCHITECT KIMLEY-HORN AND ASSOCIATES, INC. 421 FAYETTEVILLE ST., SUITE 600 RALEIGH, NORTH CAROLINA 27601 CONTACT: ADAM FULLERTON, M.L.A. ASLA PHONE: (919) 553-2937 EMAIL: adam.fullerton@kimley-horn.com</p>
<p>DEVELOPER S&S JAVA ENTERPRISES - ROLESVILLE, LLC 13 LAFAYETTE DRIVE CLAYTON, NORTH CAROLINA 27527 CONTACT: ROBERT SOUTHERLAND PHONE: (919) 426-7670 EMAIL: b2driver@earthlink.net</p>	<p>SURVEYOR CMP PROFESSIONAL LAND SURVEYORS, PC 333 S. WHITE ST WAKE FOREST, NORTH CAROLINA 27587 CONTACT: MICHAEL A. MOSS, PLS PHONE: (919) 556-3148 EMAIL: mike@cmppls.com</p>
<p>CIVIL ENGINEER KIMLEY-HORN AND ASSOCIATES, INC. 421 FAYETTEVILLE ST., SUITE 600 RALEIGH, NORTH CAROLINA 27601 CONTACT: CHRIS BOSTIC, P.E. PHONE: (919) 653-2927 EMAIL: chris.bostic@kimley-horn.com</p>	

Sheet List Table	
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C4.0	UTILITY PLAN
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A2.2	EXTERIOR ELEVATIONS

SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

The City of Raleigh consents to the connection and extension of the City's Public Sewer System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. **City of Raleigh Public Utilities Department Permit #** _____

The City of Raleigh consents to the connection and extension of the City's Public Water System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. **City of Raleigh Public Utilities Department Permit #** _____

The City of Raleigh consents to the connection to its public sewer system and extension of the private sewer collection system as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook.

City of Raleigh Public Utilities Department Permit # _____

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

SURVEY NOTE:
EXISTING TOPOGRAPHICAL INFORMATION IS BASED ON A TOPOGRAPHIC SURVEY OBTAINED ON 02/23/2023 BY CMP PROFESSIONAL LAND SURVEYORS, 333 S. WHITE STREET, WAKE FOREST, NC 27588. PHONE: (919) 556-3148. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION, DEPICTED OR NOT, PRIOR TO CONSTRUCTION AND REPORT POTENTIAL CONFLICTS TO OWNER AND ENGINEER.

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421 FAYETTEVILLE STREET, SUITE 600, RALEIGH, NC 27601



KHA PROJECT	016485000
DATE	10/31/2023
SCALE	AS SHOWN
DESIGNED BY	JAA
DRAWN BY	JAA
CHECKED BY	COB

COVER SHEET

SCOOTER'S
ROLESVILLE
PREPARED FOR
S&S JAVA ENTERPRISES
ROLESVILLE, NC



Know what's below.
Call before you dig.

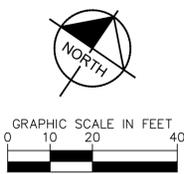
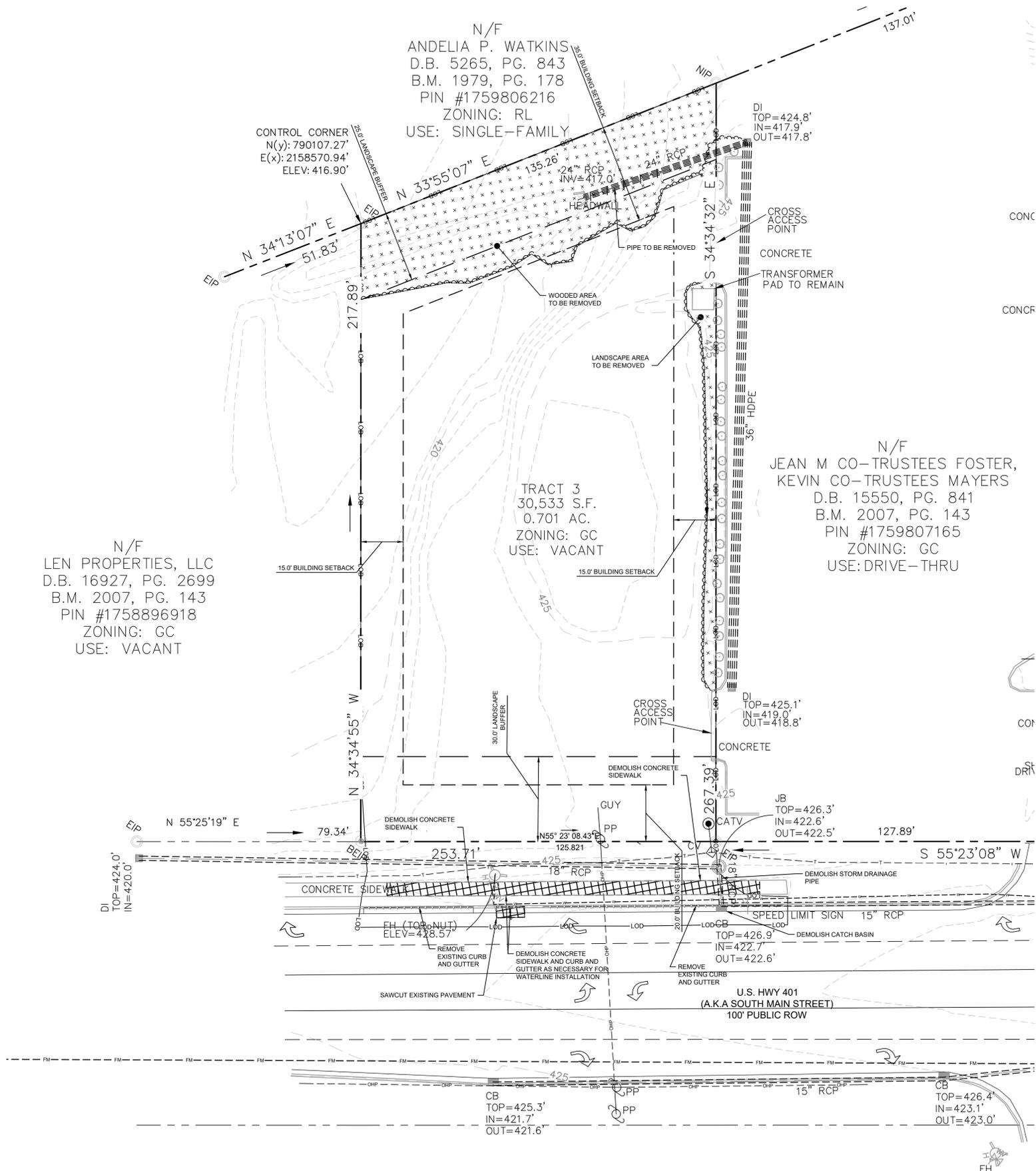
SDP-23-09

SHEET NUMBER
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Plotted By: Michael, Michael, Sheet Set: SCOOTER'S ROLESVILLE, Layout: C0.0 COVER SHEET, March 01, 2024, 05:01:00pm, K:\RAL_LDEV\016485000-Scoters Rolesville\Planning\P15_CAD Files\PlanSheets\C0.0 COVER SHEET.dwg, This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

DATE	03/01/2024	JAA
REVISIONS	01/02/2024	IMDB
TOWN COMMENTS		
TOWN COMMENTS		

Plotted By: Barnes, Michael. Sheet Set: SCOOTER'S ROLESVILLE. Layout: C1.0 EXISTING CONDITIONS & DEMOLITION PLAN. March 01, 2024. 09:01:12pm. K:\RAL_L\DEVO\6485000-Scoters Rolesville\Planning\15_CAD Files\PlanSheets\C1.0 EXISTING CONDITIONS & DEMOLITION PLAN.dwg
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DEMOLITION LEGEND	
---	PROPERTY LINE
---	LIMITS OF DISTURBANCE
	DEMOLISH SITE ITEM
---	SAWCUT
XXXXX	SIDEWALK/PAVEMENT/GRAVEL AREA TO BE REMOVED
+++++	VEGETATED AREA TO BE REMOVED

NO.	REVISIONS	DATE	BY
1	TOWN COMMENTS	03/01/2024	JAA
2	TOWN COMMENTS	01/02/2024	IMDE

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016485000	10/31/2023	AS SHOWN	JAA	JAA	COB

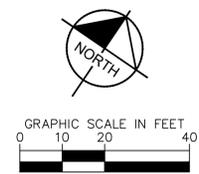
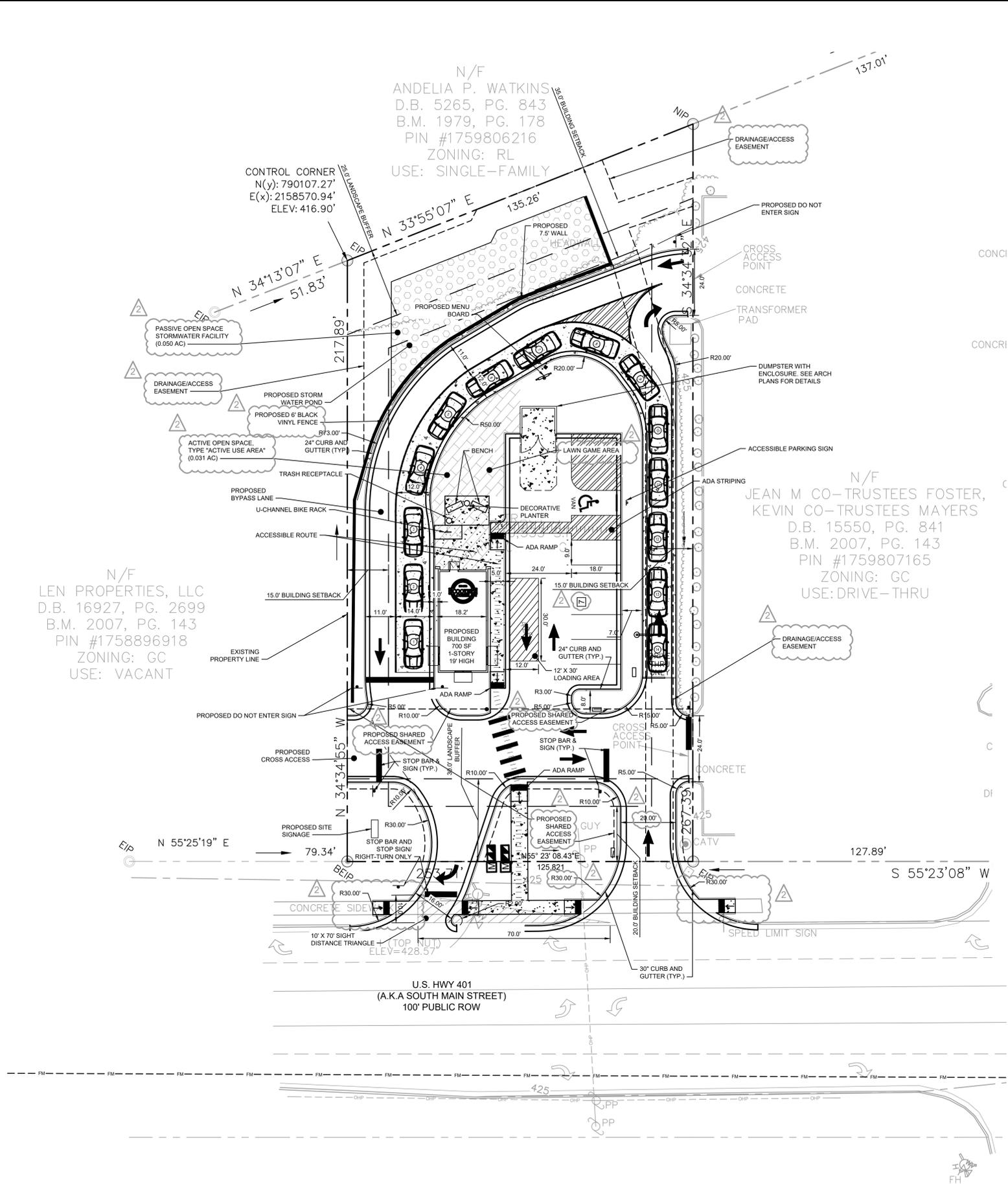
EXISTING CONDITIONS & DEMOLITION PLAN

SCOOTER'S ROLESVILLE
 PREPARED FOR
S&S JAVA ENTERPRISES
 ROLESVILLE, NC

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SITE LEGEND	
	PROPERTY LINE
	EASEMENT LINE
	FENCE
	STANDARD CURB AND GUTTER
	SPILL CURB AND GUTTER
	PARKING SPACE COUNT
	SIGN (SEE PLAN)
	LIGHT POLE
	WHEEL STOP
	ACCESSIBLE PARKING MARKING (V INDICATES VAN ACCESSIBLE)
	DIRECTIONAL PAVEMENT ARROWS
	ACCESSIBLE RAMP
	ACCESSIBLE ROUTE
	LIGHT DUTY ASPHALT
	HEAVY DUTY ASPHALT
	STANDARD DUTY CONCRETE
	HEAVY DUTY CONCRETE
	CONCRETE SIDEWALK
	ACTIVE OPEN SPACE
	PASSIVE OPEN SPACE

PARKING:	MIN. REQUIRED: (2.5 SPACES/1,000 SF) $\times 700 \text{ SF}$ $= 2.5 \text{ SPACES}$ MAX. ALLOWED: (10 SPACES/1,000 SF) $\times 700 \text{ SF}$ $= 7 \text{ SPACES}$ PROVIDED: 7 SPACES
ACCESSIBLE PARKING:	REQUIRED: 1 SPACE PROVIDED: 1 SPACE
LOADING SPACES:	REQUIRED: 1 SPACE PROVIDED: 1 SPACE
BICYCLE PARKING:	MIN. REQUIRED: (1 SPACE/5,000 SF) $\times 7,000 \text{ SF}$ $= 1 \text{ SPACES}$ PROVIDED: 2 SPACES
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NO.	REVISIONS	DATE	BY
1	TOWN COMMENTS	03/01/2024	JAA
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016485000	10/31/2023	AS SHOWN	JAA	JAA	COB

SITE PLAN

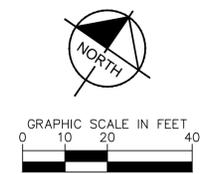
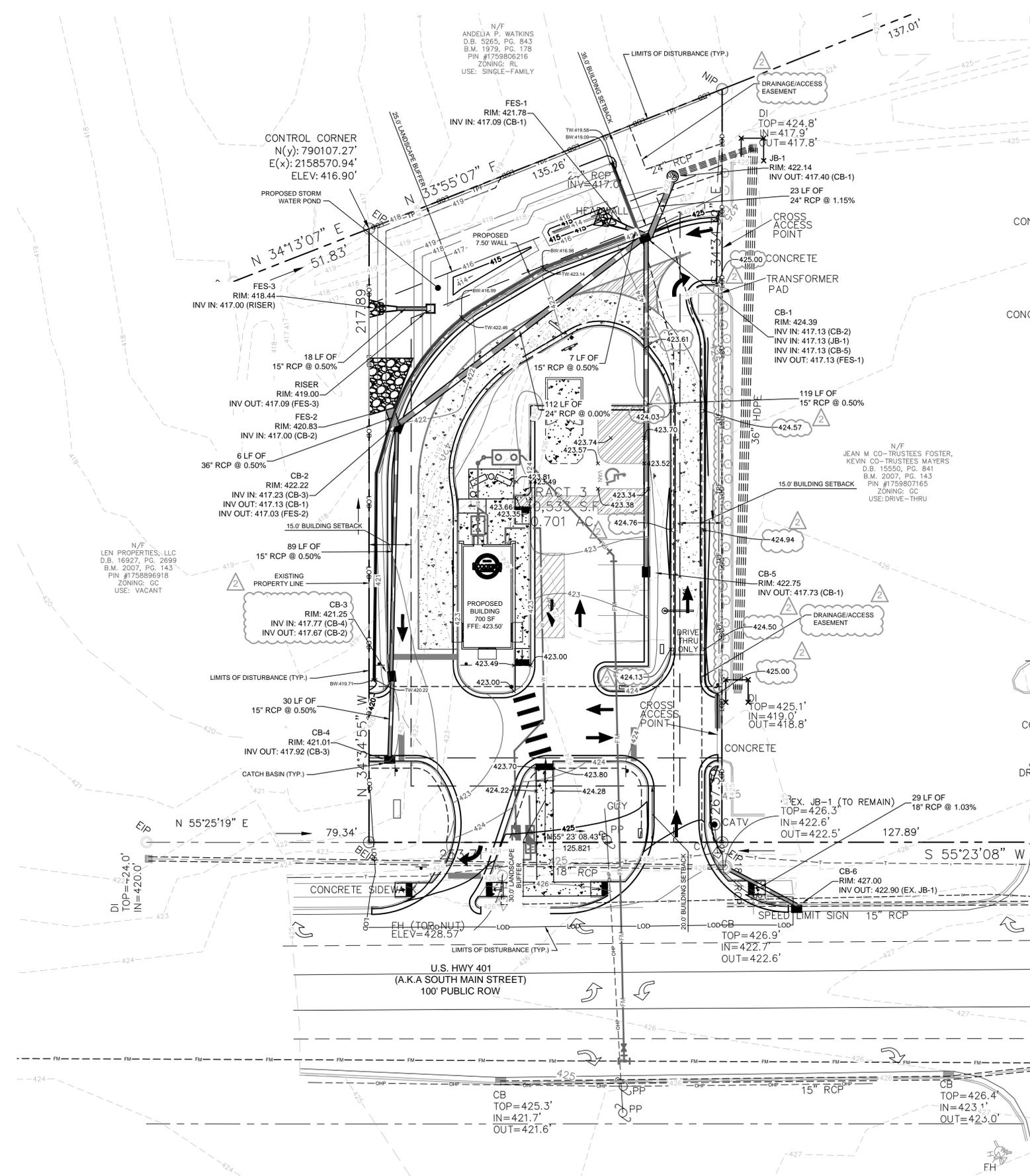
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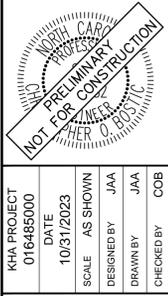
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GRADING AND DRAINAGE LEGEND	
---	PROPERTY LINE
-TCE-	TEMPORARY CONSTRUCTION EASEMENT
---	STORM DRAIN (≥ 12 INCH)
---	STORM DRAIN (< 12 INCH)
---	ROOF DRAIN
---	UNDER DRAIN
---	CURB AND GUTTER
---	SPILL CURB AND GUTTER
---	CLEARING LIMITS
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	SPOT ELEVATION
○	CATCH BASIN (CB)
●	MANHOLE (SDMH)
○	CLEANOUT (SDCO)
□	DROP INLET (DI)
□	AREA DRAIN (AD)
□	CONTROL STRUCTURE (CS)
△	FLARED END SECTION (FES)
△	CONCRETE HEADWALL (HW)
△	RIP-RAP APRON
→	FLOW ARROW
TW	TOP OF WALL (GRADE ELEV.)
BW	BOTTOM OF WALL (GRADE ELEV.)
TP	TOP OF PAVEMENT (GRADE ELEV.)
TC	TOP OF CURB (GRADE ELEV.)
TC/TP	FLUSH CURB (GRADE ELEV.)
WT	WATER TIGHT JOINTS (WT)

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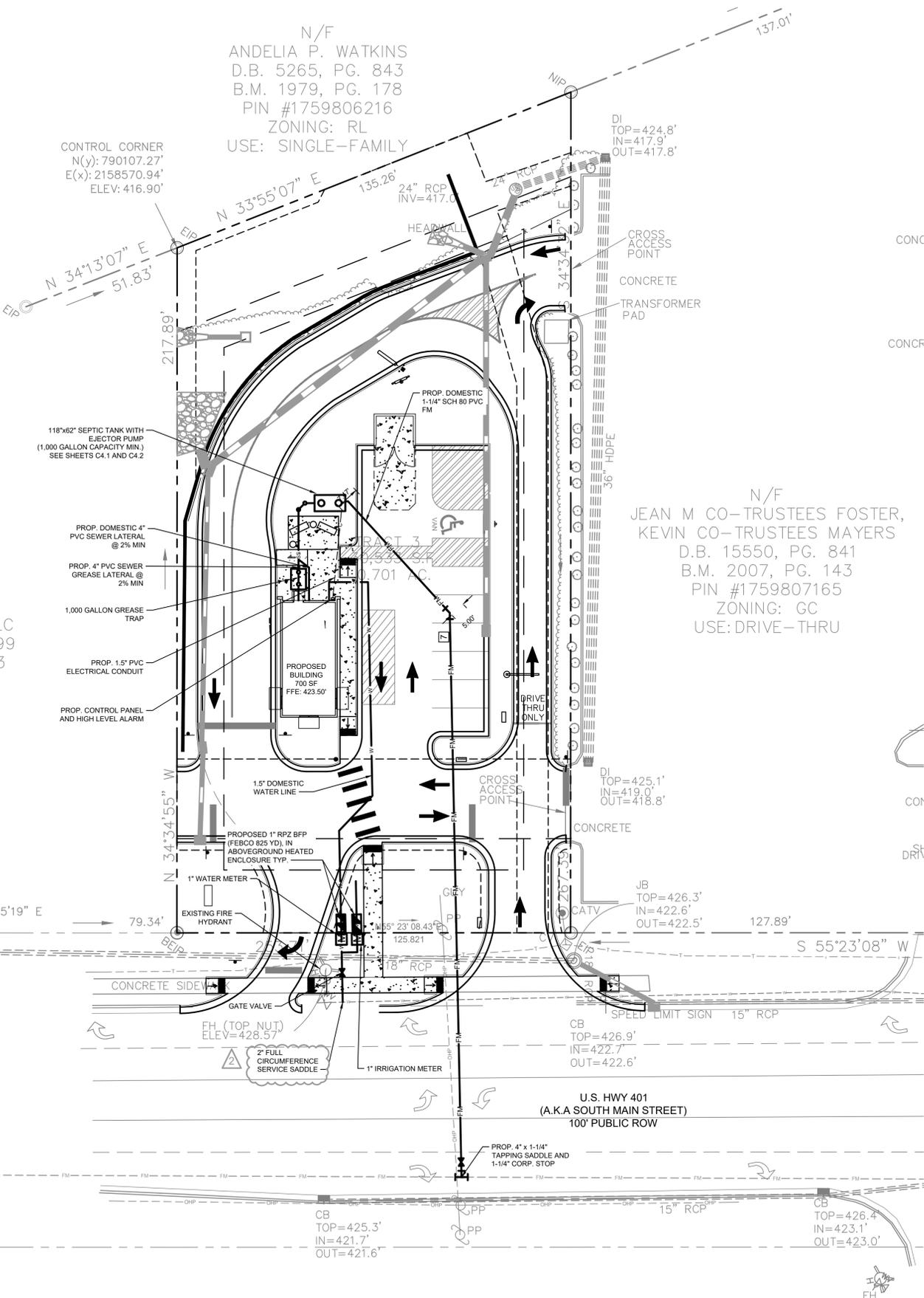


SDP-23-09

SHEET NUMBER
C3.0

STANDARD UTILITY NOTES

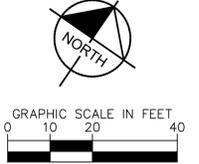
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS & SPECIFICATIONS
- UTILITY SEPARATION REQUIREMENTS:
 - A DISTANCE OF 100' SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE, SUCH AS AN IMPOUNDED RESERVOIR USED AS 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.
 - 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 WATER MAIN, DIP MATERIALS OR STEEL ENCASUREMENT 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 WATER MAIN & 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.
 - 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.
- 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.
- 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.
- INSTALL 2" 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.
- INSTALL 4" PVC SEWER SERVICES @ 2.0% 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.
- NC DOT ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE ROW PRIOR TO CONSTRUCTION.
- 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.
- THE STATE OF NORTH CAROLINA AND C.O.R. PUBLIC WORKS DEPT. SHALL BE NOTIFIED IN WRITING PRIOR TO UTILITY INSTALLATION AND FOR SCHEDULING INSPECTIONS.
- TRAFFIC CONTROLS FOR ANY UTILITY WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE IN COMPLIANCE WITH STANDARDS OF THE NORTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- IN THE EVENT AN ITEM IS NOT COVERED BY THESE PLANS, THEN THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT HANDBOOK COVERING SUCH ITEMS SHALL APPLY.
- IF CITY OF RALEIGH WATER AND SANITARY SEWER PERMITS ARE REQUIRED, CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT FEES.
- LOCATIONS AND SIZES OF EXISTING WATER AND SEWER LINES SHOWN ON THESE PLANS WITHIN THE PROPERTY LIMITS OF THE SITE ARE ASSUMED BASED ON SURVEY OF SURFACE FEATURES (MANHOLES, VALVES, VAULTS, METERS, ETC.) PREPARED BY GSC SURVEYING, INC., 4072 BARRETT DRIVE, RALEIGH, N.C. 27609. IT IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES PRIOR TO COMMENCING WORK. ANY DEVIATIONS FROM WHAT IS INDICATED ON THESE PLANS SHALL BE REPORTED TO THE DEVELOPER AND ENGINEER, IN WRITING, IMMEDIATELY.
- CONTRACTOR SHALL PROVIDE A MEANS TO KEEP ALL NEW PIPING ISOLATED FROM EXISTING PIPING UNTIL ALL NEW PIPING HAS BEEN TESTED, AND ACCEPTED FOR SERVICE.
- EXISTING UTILITIES SHALL BE PROTECTED DURING ALL CONSTRUCTION.
- THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE UTILITIES. ALL PUBLIC PIPE, STRUCTURES, AND FITTINGS SHALL BE INSPECTED BY THE CITY INSPECTOR PRIOR TO BEING COVERED. THE INSPECTOR MUST ALSO BE PRESENT DURING DISINFECTION AND PRESSURE TESTING OF ALL MAINS. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.
- UTILITY WORK SHALL BE INSPECTED AND ACCEPTED BY CITY OF RALEIGH PRIOR TO PLACING INTO SERVICE.
- THERE SHALL BE A MINIMUM 3' CLEAR DISTANCE AROUND ALL FIRE HYDRANTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "AS-BUILT" PLANS PER CITY OF RALEIGH REQUIREMENTS TO THE ENGINEER SHOWING THE LOCATION OF WATER AND SEWER SERVICES AND ANY DEVIATIONS FROM PLANS MADE DURING CONSTRUCTION. THE ENGINEER WILL PROVIDE THESE RECORD PLANS TO THE CITY OF RALEIGH.



N/F
 ANDELIA P. WATKINS
 D.B. 5265, PG. 843
 B.M. 1979, PG. 178
 PIN #1759806216
 ZONING: RL
 USE: SINGLE-FAMILY

N/F
 JEAN M CO-TRUSTEES FOSTER,
 KEVIN CO-TRUSTEES MAYERS
 D.B. 15550, PG. 841
 B.M. 2007, PG. 143
 PIN #1759807165
 ZONING: GC
 USE: DRIVE-THRU

N/F
 LEN PROPERTIES, LLC
 D.B. 16927, PG. 2699
 B.M. 2007, PG. 143
 PIN #1758896918
 ZONING: GC
 USE: VACANT



UTILITY LEGEND	
---	PROPERTY LINE
W	WATER LINE
FW	FIRE LINE
SS	SANITARY SEWER LINE
E	ELECTRIC
FO	FIBER OPTIC
G	GAS
P	POWER
T	TELECOMMUNICATION
TV	CABLE
□	LIGHT POLE
M	WATER METER
X	GATE VALVE
S S	POINT OF CONNECTION
▲	BACKFLOW PREVENTOR
└─┘	PIPE TEE/BENDS
○	REDUCER
●	FIRE HYDRANT (FH)
○	FIRE DEPARTMENT CONNECTION (FDC)
○	SANITARY SEWER CLEANOUT (SSCO)
○	SANITARY SEWER MANHOLE (SSMH)
○	SANITARY SEWER GREASE TRAP

SITE PERMITTING APPROVAL

Water and Sewer Permits (if applicable)

The City of Raleigh consents to the connection and extension of the City's Public Sewer System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # _____

The City of Raleigh consents to the connection and extension of the City's Public Water System as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # _____

The City of Raleigh consents to the connection to its public sewer system and extension of the private sewer collection system as shown on this plan. The material and construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # _____

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 _____

SURVEY NOTE:
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Plotted By: Barnes, Michael. Sheet: Scooter's Rolesville Layout: C4.0 UTILITY PLAN. March 01, 2024. 06:01:37pm. K:\RAL\LEVELO16485000-Scooter's Rolesville\Planning\19_CAD Files\PlanSheets\C4.0 UTILITY PLAN.dwg
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SCOOTER'S ROLESVILLE
 PREPARED FOR
 S&S JAVA ENTERPRISES
 ROLESVILLE NC

UTILITY PLAN

DATE: 03/01/2024
 TOWN COMMENTS: JAA
 REVISIONS: 01/02/2024 IMDB
 DATE: _____

DATE: 10/31/2023
 SCALE: AS SHOWN
 DESIGNED BY: JAA
 DRAWN BY: JAA
 CHECKED BY: COB

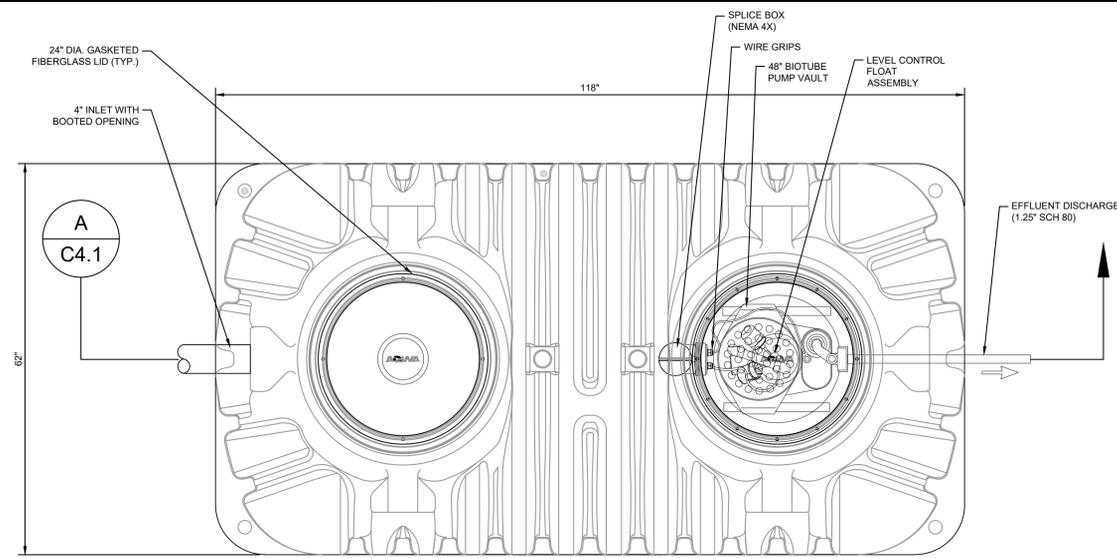
DATE: 10/31/2023
 SCALE: AS SHOWN
 DESIGNED BY: JAA
 DRAWN BY: JAA
 CHECKED BY: COB

DATE: 10/31/2023
 SCALE: AS SHOWN
 DESIGNED BY: JAA
 DRAWN BY: JAA
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 SCALE: AS SHOWN
 DESIGNED BY: JAA
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 CHECKED BY: COB

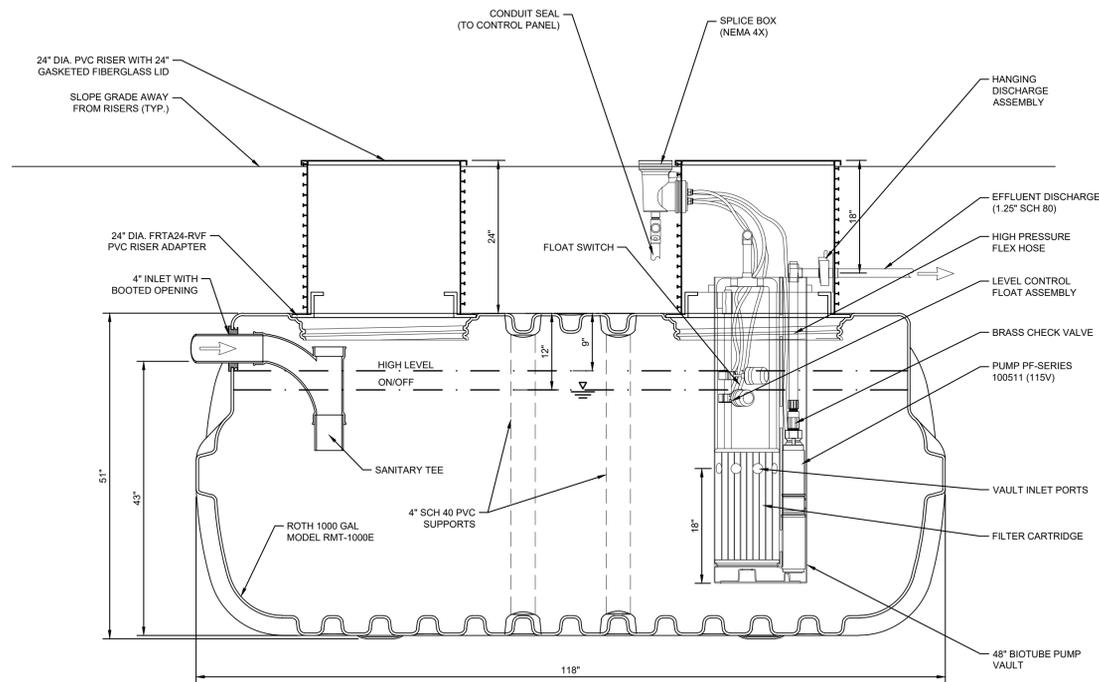


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1 MECHANICAL PLAN VIEW

SCALE: NTS



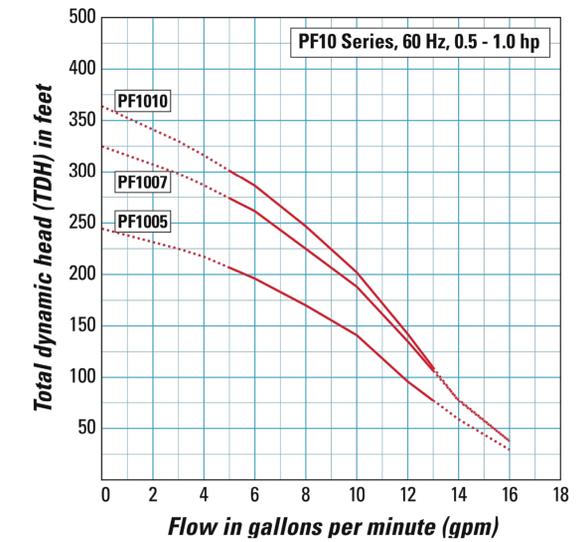
A MECHANICAL SECTION VIEW

SCALE: NTS

NOTES:
 1) PROPOSED STEP SYSTEM SHALL BE EQUIPPED WITH AN "ORENCO S1" CONTROL PANEL OR APPROVED EQUAL. CONTACT MICHAEL CLAYTON (MCLAYTON@AQWA.NET, 252-292-1667) FOR STEP SYSTEM SPECIFICATIONS.

SEPTIC TANK GENERAL INFORMATION	
AVERAGE DAILY FLOW	306 GPD
TANK	1000 GAL ROTH TANK
TANK DIMENSIONS	118"x62"x52"
DISCHARGE PIPING	1.25"Ø SCH 80 PVC
CONTROL PANEL	ORENCO S1
HORSEPOWER	1 HP (NON-OVERLOADING OVER ENTIRE PUMP CURVE)
VOLTAGE/PHASE/CYCLES	240 V / 1 PHASE / 60 HZ
PUMP	ORENCO PF100511
PRIMARY LEVEL SENSING METHOD	FLOATS (3)
FLOAT SETTINGS	9", 12" (FROM TOP OF TANK)
FLOAT FUNCTIONS	HIGH LEVEL, ON/OFF

Pump Curves



SURVEY NOTE:
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No.	REVISIONS	DATE	BY
1	TOWN COMMENTS	03/01/2024	JAA
2	TOWN COMMENTS	01/02/2024	IMDE

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 #F-0102 WWW.KIMLEY-HORN.COM PHONE: 919-677-2000 FAX: 919-677-2050
 421 FAYETTEVILLE STREET, SUITE 600, RALEIGH, NC 27601



KHA PROJECT	016485000
DATE	10/31/2023
SCALE	AS SHOWN
DESIGNED BY	JAA
DRAWN BY	JAA
CHECKED BY	COE

MECHANICAL PLAN

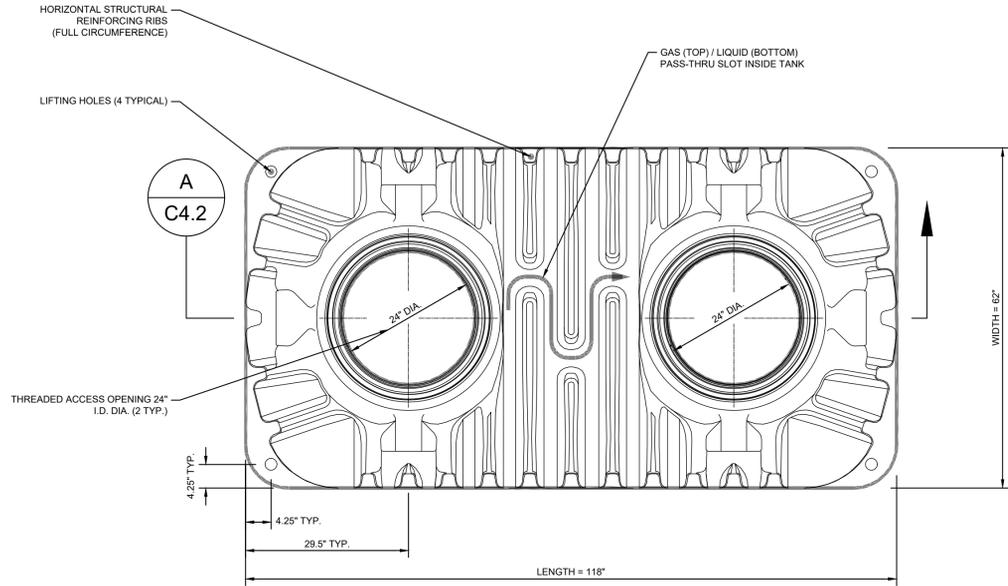
SCOOTER'S ROLESVILLE
 PREPARED FOR
S&S JAVA ENTERPRISES
 ROLESVILLE, NC

SHEET NUMBER
C4.1



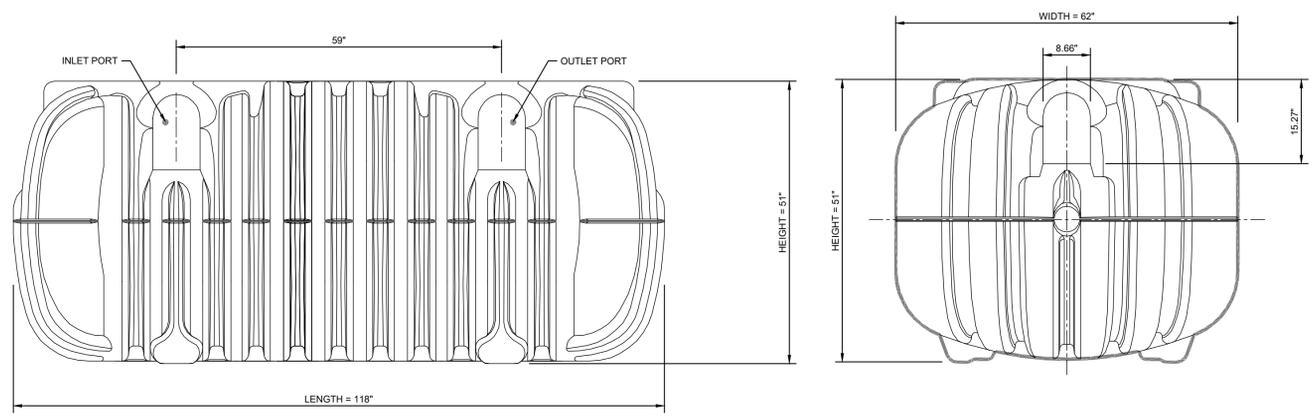
SDP-23-09

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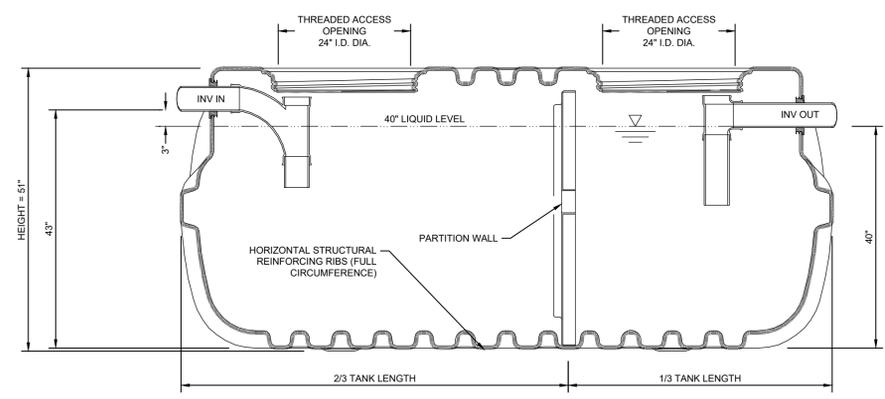
1 SEPTIC TANK PLAN VIEW

SCALE: NTS



2 SEPTIC TANK ELEVATION VIEW

SCALE: NTS



A SEPTIC TANK SECTION VIEW

SCALE: NTS

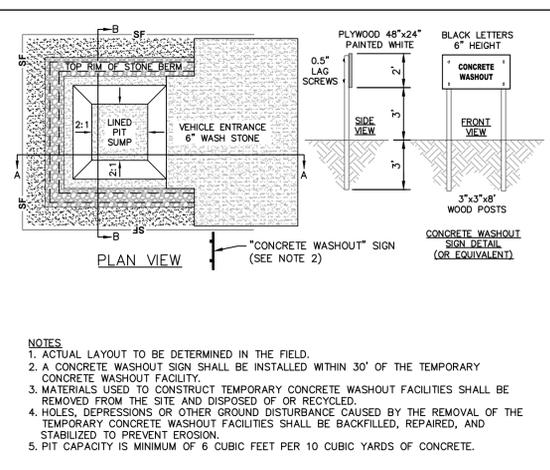
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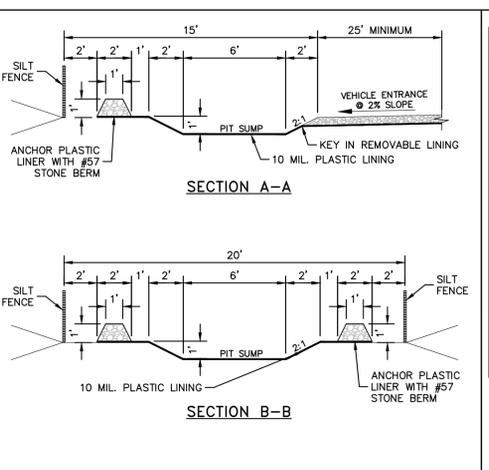
SDP-23-09

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		TOWN COMMENTS 01/02/2024 IMDE	REVISIONS No. DATE BY
KHA PROJECT 016485000		DATE 10/31/2023	CHECKED BY COB
SCALE AS SHOWN		DESIGNED BY JAA	DRAWN BY JAA
NOT FOR CONSTRUCTION PRELIMINARY			
SEPTIC TANK DETAILS			
SCOOTER'S ROLESVILLE PREPARED FOR S&S JAVA ENTERPRISES ROLESVILLE NC		SHEET NUMBER C4.2	

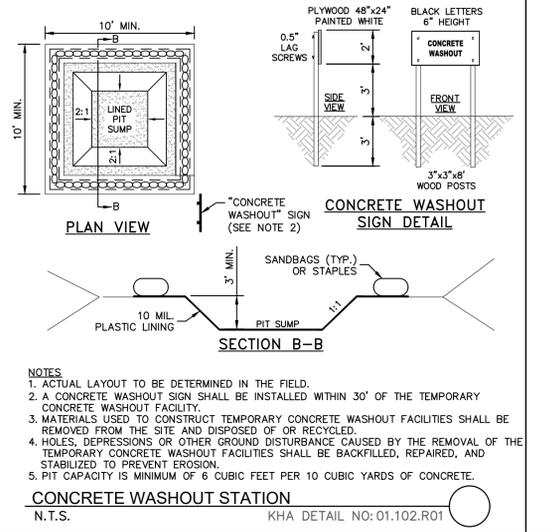
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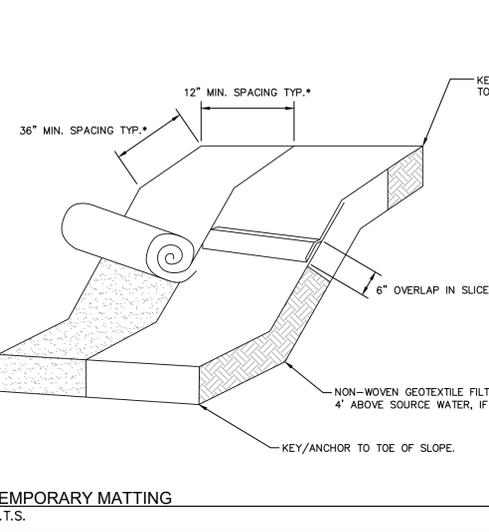
CONCRETE WASHOUT STATION
N.T.S. KHA DETAIL NO: 01.102.R01



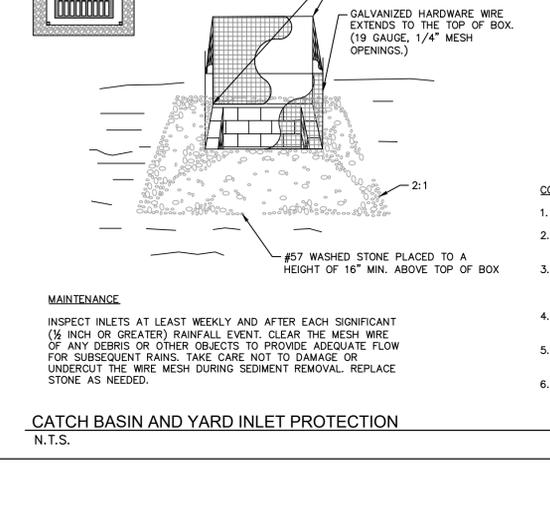
TEMPORARY SEEDING SCHEDULE AND SEEDBED PREPARATION
N.T.S. KHA DETAIL NO: 01.104.R01



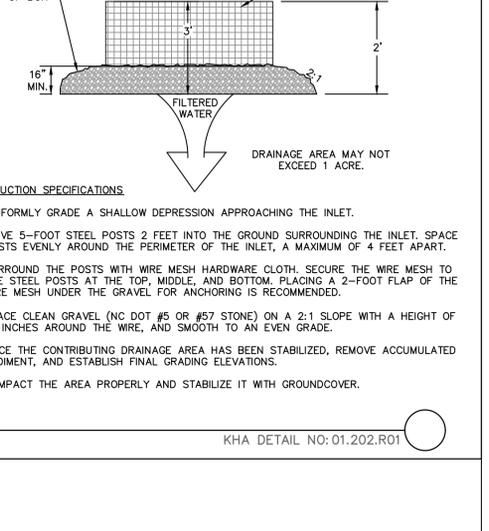
CONCRETE WASHOUT STATION
N.T.S. KHA DETAIL NO: 01.102.R01



TEMPORARY MATTING
N.T.S. KHA DETAIL NO: 01.105.R01



CATCH BASIN AND YARD INLET PROTECTION
N.T.S. KHA DETAIL NO: 01.202.R01



CATCH BASIN SILT PROTECTION INSERT
N.T.S.

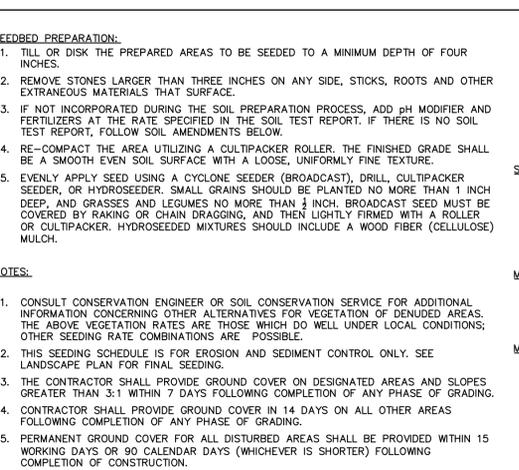
SEEDBED PREPARATION:

- TILL OR DISK THE PREPARED AREAS TO BE SEEDED TO A MINIMUM DEPTH OF FOUR INCHES.
- REMOVE STONES LARGER THAN THREE INCHES ON ANY SIDE, STICKS, ROOTS AND OTHER EXTRANEOUS MATERIALS THAT SURFACE.
- IF NOT INCORPORATED DURING THE SOIL PREPARATION PROCESS, ADD PH MODIFIER AND FERTILIZERS AT THE RATE SPECIFIED IN THE SOIL TEST REPORT. IF THERE IS NO SOIL TEST REPORT, FOLLOW SOIL AMENDMENTS BELOW.
- RE-COMPACT THE AREA UTILIZING A CULTIPACKER ROLLER. THE FINISHED GRADE SHALL BE A SMOOTH EVEN SOIL SURFACE WITH A LOOSE, UNIFORMLY FINE TEXTURE.
- EVENLY APPLY SEED USING A CYCLONE SEEDER (BROADCAST), DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER. SMALL GRAINS SHOULD BE PLANTED NO MORE THAN 1 INCH DEEP AND GRASSES AND LEGUMES NO MORE THAN 1/2 INCH. BROADCAST SEED MUST BE COVERED BY RAKING OR CHAIN DRAGGING, AND THEN LIGHTLY FIRMED WITH A ROLLER OR CULTIPACKER. HYDROSEEDING MIXTURES SHOULD INCLUDE A WOOD FIBER (CELLULOSE) MULCH.

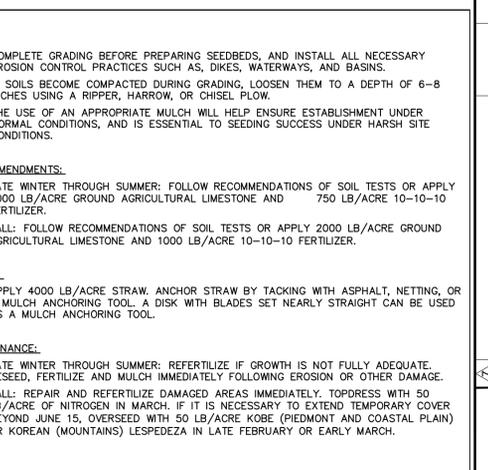
NOTES:

- CONSULT CONSERVATION ENGINEER OR SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENIED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.
- THIS SEEDING SCHEDULE IS FOR EROSION AND SEDIMENT CONTROL ONLY. SEE LANDSCAPE PLAN FOR FINAL SEEDING.
- THE CONTRACTOR SHALL PROVIDE GROUND COVER ON DESIGNATED AREAS AND SLOPES GREATER THAN 3:1 WITHIN 7 DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
- CONTRACTOR SHALL PROVIDE GROUND COVER IN 14 DAYS ON ALL OTHER AREAS FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
- PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION.

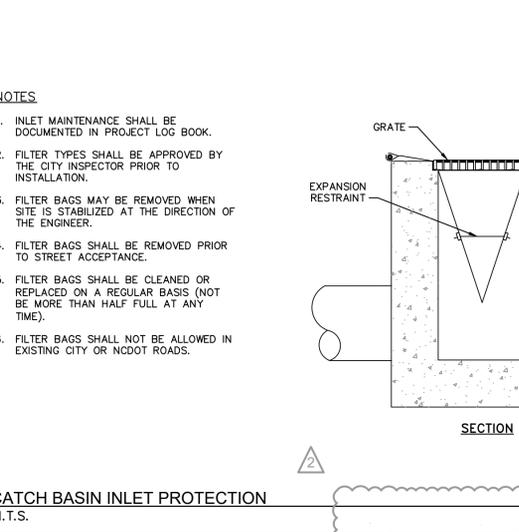
TEMPORARY SEEDING SCHEDULE AND SEEDBED PREPARATION
N.T.S.



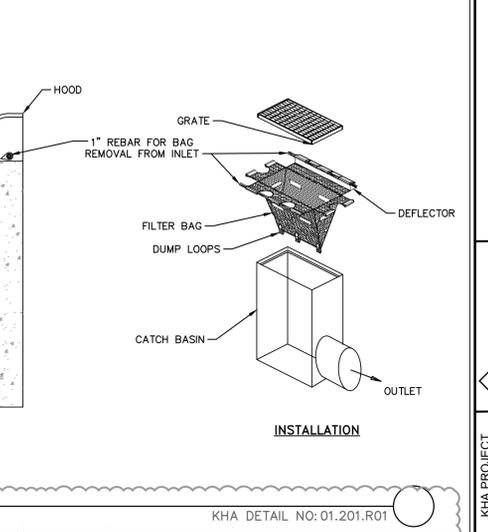
CATCH BASIN INLET PROTECTION
N.T.S. KHA DETAIL NO: 01.201.R01



STANDARD SKIMMER DETAIL
EFFECTIVE: 01/31/08



CATCH BASIN SILT PROTECTION INSERT
N.T.S.



EROSION CONTROL DETAILS
N.T.S.

SCOOTER'S ROLESVILLE
PREPARED FOR
S&S JAVA ENTERPRISES
ROLESVILLE

EROSION CONTROL
DETAILS

DATE: 03/01/2024
TOWN COMMENTS: JAA
TOWN COMMENTS: JAA
REVISIONS: IMDE

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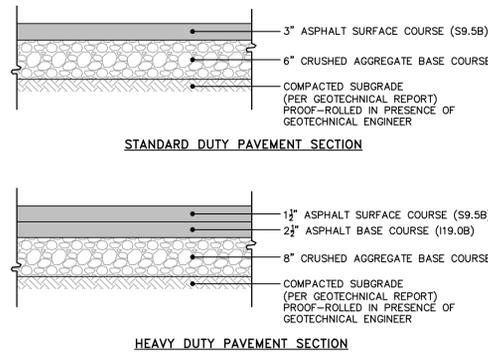
KHA PROJECT: 016485000
DATE: 10/31/2023
SCALE: AS SHOWN
DESIGNED BY: JAA
DRAWN BY: JAA
CHECKED BY: COB

SHEET NUMBER
C5.2

Know what's below.
Call before you dig.

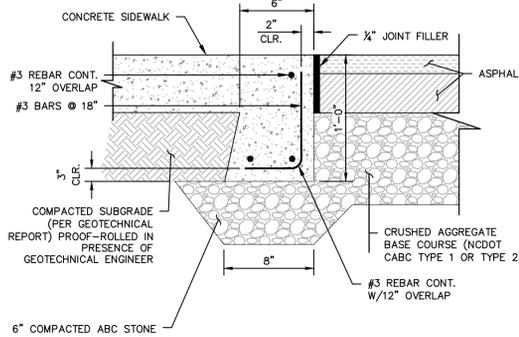
SDP-23-09

Plotted By: Barnes, Michael. Sheet: SCOOTER'S ROLESVILLE. Layout: C8.0. SITE DETAILS. March 01, 2024. 05:02:23pm. K:\RAL_LDEV\016485000-Scooter's Rolesville\Planning\F15_CAD Files\PlanSheets\C8.4 SITE DETAILS.dwg
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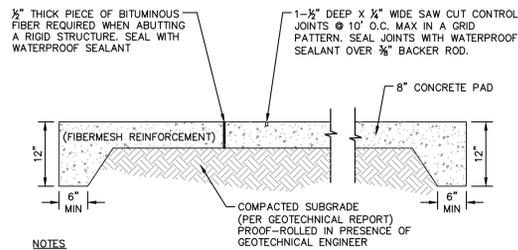


- NOTES**
- ALL PAVEMENT MATERIALS SHALL BE IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) STANDARD SPECIFICATIONS.
 - PAVEMENT SECTION MUST MEET THE CRITERIA GIVEN IN THE SITE SOIL REPORT.

ASPHALT PAVEMENT SECTIONS
 N.T.S. KHA DETAIL NO: 02.101.R02

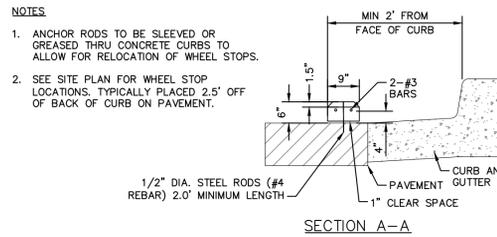
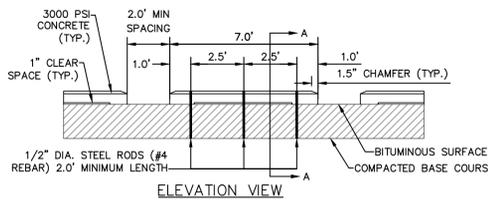


FLUSH CONCRETE SIDEWALK
 N.T.S. KHA DETAIL NO: 02.104.R02

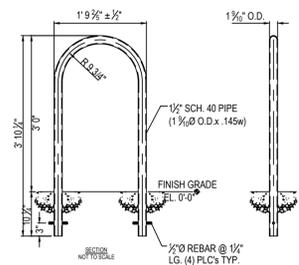


- NOTES**
- EXPANSION JOINTS AT BUILDINGS OR IMMOVABLE OBJECTS.
 - CONTROL JOINTS 12' O.C.
 - EXPANSION JOINTS 30' O.C. (MAX)
 - CONTROL JOINT SPACING MAY VARY.
 - BROOM FINISH

CONCRETE APRON AND DUMPSTER PAD
 N.T.S. KHA DETAIL NO: 02.107.R01



WHEEL STOP
 N.T.S. KHA DETAIL NO: 02.111.R02



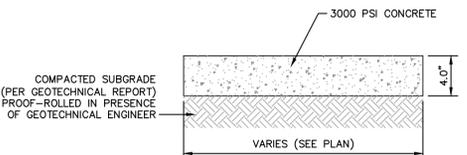
- NOTES:**
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - DO NOT SCALE DRAWINGS.
 - CONTACT MANUFACTURER FOR CUSTOM COLORS.
 - SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL.

NOTE:

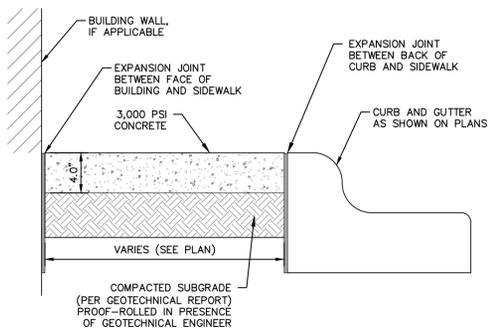
RACKS SHALL BE SPACED AT LEAST 24" FROM WALLS, CURB FACES, PAVEMENT EDGES, AND OTHER OBSTRUCTIONS. AT LEAST 36" CLEARANCE SHALL BE PROVIDED FROM THE CENTERLINE OF EACH ADJACENT RACK. A MINIMUM 4' AISLE SHALL BE PROVIDED TO THE FRONT OR REAR OF A BICYCLE SPACE.

BIKE RACK DETAIL

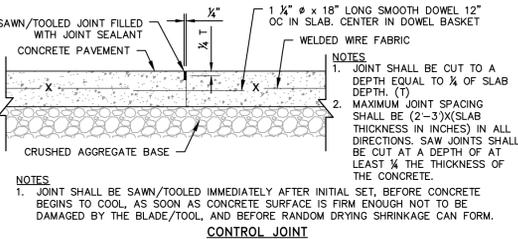
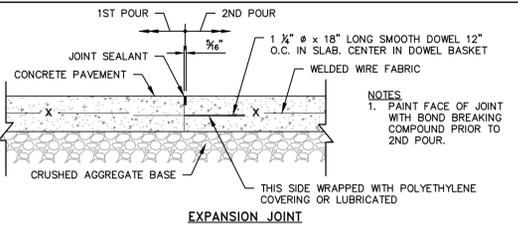
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 REVISION DATE: 05/10/2016



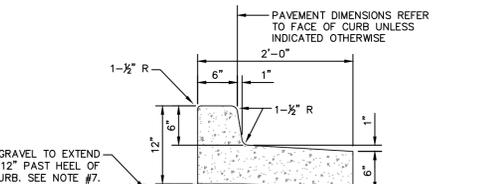
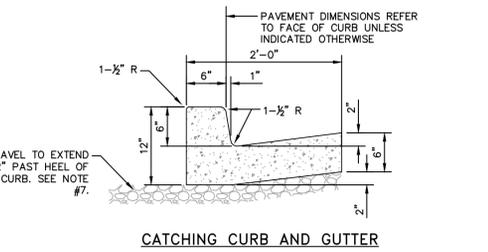
SIDEWALK SECTION
 N.T.S. KHA DETAIL NO: 02.102.R01



SIDEWALK ADJACENT TO PARKING AREAS
 N.T.S. KHA DETAIL NO: 02.105.R02



HEAVY DUTY CONTROL AND EXPANSION JOINTS
 N.T.S. KHA DETAIL NO: 02.108.R02

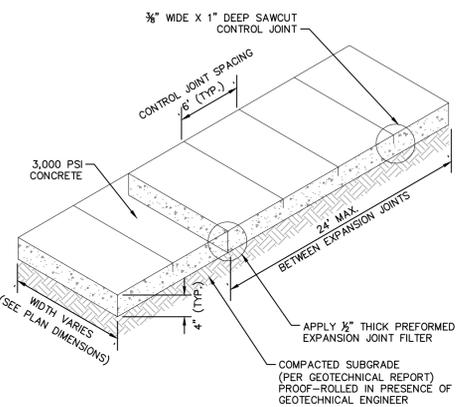


NOTE:

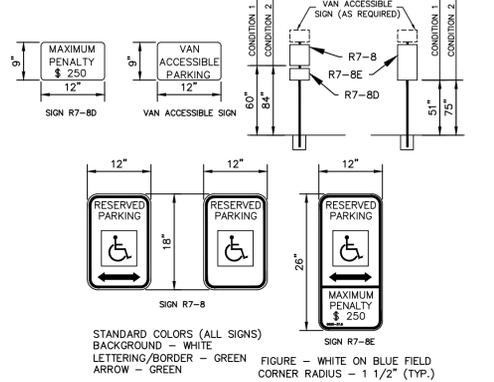
INSTALL SPILL CURB IN AREAS WHERE PAVEMENT SLOPES AWAY FROM CURB.

- CURB AND GUTTER NOTES**
- CONTRACTION JOINTS SHALL BE SPACED AT 10-FOOT INTERVALS. JOINT SPACING MAY BE ALTERED BY THE ENGINEER TO PREVENT UNCONTROLLED CRACKING.
 - CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1 1/2" SHALL BE OBTAINED.
 - ALL EXPANSION JOINTS SHALL BE SPACED AT 90 FOOT INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS. JOINTS SHALL MATCH LOCATIONS WITH JOINTS IN ABUTTING SIDEWALK.
 - CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 P.S.I. IN 28 DAYS.
 - CURB SHALL BE DEPRESSED AT INTERSECTIONS TO PROVIDE FOR FUTURE ACCESSIBLE RAMPS, REFER TO SITE PLAN FOR LOCATIONS.
 - TOP 6" OF SUBGRADE BENEATH THE CURB AND GUTTER SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 - EXTEND GRAVEL 12" PAST HEEL OF CURB IF REQUIRED PER GEOTECHNICAL RECOMMENDATIONS, MIN. DEPTH 4" IF FIELD CONDITIONS WARRANT.

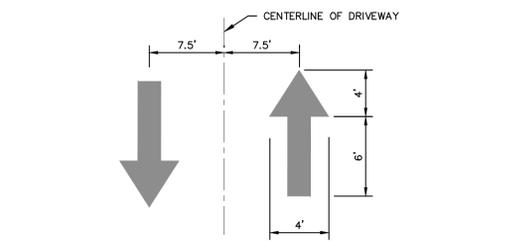
24" CURB AND GUTTER
 N.T.S. KHA DETAIL NO: 02.203.R01



SIDEWALK
 N.T.S. KHA DETAIL NO: 02.103.R02



ACCESSIBLE SIGN
 N.T.S. KHA DETAIL NO: 02.308.R01



- NOTES**
- ALL PAVEMENT DIRECTIONAL ARROWS TO BE REFLECTIVE WHITE PAINT

PAVEMENT DIRECTIONAL ARROW
 N.T.S. KHA DETAIL NO: 02.306.R01

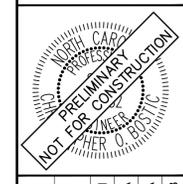
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No.	REVISIONS	DATE
1		
2		
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7		

Kimley Horn

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 #F-0102 WWW.KIMLEY-HORN.COM PHONE: 919.677.2000 FAX: 919.677.2050
 421 FAYETTEVILLE STREET, SUITE 800, RALEIGH, NC 27601



KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
016485000	10/31/2023	AS SHOWN	JAA	JAA	COB

SITE DETAILS

SCOOTER'S ROLESVILLE

PREPARED FOR

S&S JAVA ENTERPRISES

ROLESVILLE, NC

SHEET NUMBER
C8.0



Plotted By: Barnes, Michael. Sheet: SCS-COOTERS ROLESVILLE Layout: C9.0 STORM DETAILS. March 01, 2024, 05:02:33pm. K:\RAL_LDEV\016485000-Scooters Rolesville\Plan\Sheet\C9.0 STORM DETAILS.dwg
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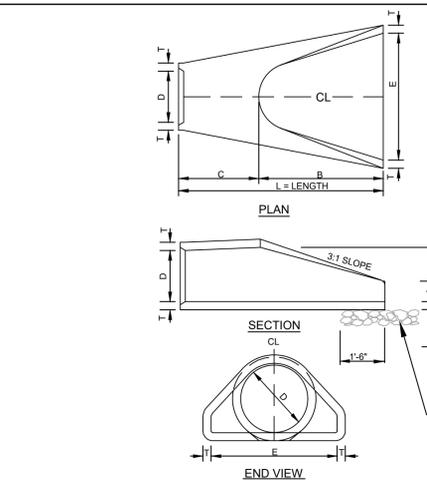


TABLE OF DIMENSIONS

D	T	A	B	C	E	L	WT.
12"	2-1/4"	4"	2'-0"	4'-1"	2'-0"	6'-1"	730
15"	2-1/4"	6"	2'-3"	3'-10"	2'-0"	6'-1"	730
18"	2-1/2"	9"	2'-3"	3'-10"	3'-0"	6'-1"	1190
24"	3"	10"	3'-8"	2'-8"	4'-0"	8'-2"	1770
30"	3-1/2"	1'-0"	4'-8"	1'-8"	5'-0"	8'-2"	2380
36"	4"	1'-3"	5'-3"	2'-11"	6'-0"	8'-2"	5320
42"	4-1/2"	1'-9"	5'-3"	2'-11"	6'-6"	8'-2"	5920
48"	5"	2'-0"	6'-0"	2'-2"	7'-0"	8'-2"	7470
54"	5-1/2"	2'-3"	6'-8"	2'-10"	7'-0"	8'-4"	8810
60"	6"	2'-6"	6'-0"	3'-3"	8'-0"	8'-3"	11180
66"	6-1/2"	3'-0"	6'-0"	2'-3"	8'-6"	8'-3"	12530
72"	7"	3'-0"	6'-6"	1'-9"	9'-0"	8'-3"	13980

- GENERAL NOTES:**
- SEE FORMER NCDOT STANDARD 310.01 FOR DETAILS.
 - REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF REINFORCED CONCRETE PIPE OF LIKE DIAMETER PER AASHTO M170.
 - ALL CONCRETE TO BE 3000 P.S.I. COMPRESSIVE STRENGTH MIN.
 - PROVIDE TONGUE OR SPIGOT JOINT AT INLET END SECTION.
 - PROVIDE GROOVE OR BELL JOINT AT OUTLET END SECTION.
 - THE DIMENSIONS FOR END SECTIONS SHALL SUBSTANTIALLY AGREE WITH THE TABLE. MINOR VARIATIONS WILL BE PERMITTED BASED ON THE MANUFACTURER'S STANDARD SPECIFICATIONS.
 - NOT TO BE USED IN NCDOT MAINTAINED RIGHT OF WAY.

CONCRETE FLARED END SECTION
N.T.S.

KHA DETAIL NO: 01.905.001

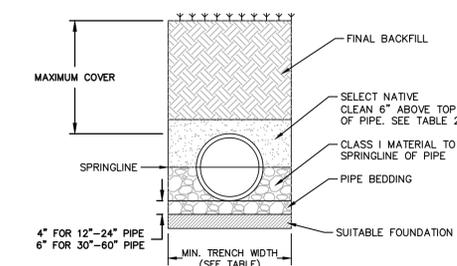


TABLE 1, RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIAM.	MIN. TRENCH WIDTH
12"	17"
15"	17"
18"	17"
24"	18"
30"	19"
36"	20"
42"	21"
48"	22"
54"	23"
60"	24"
66"	25"
72"	26"

TABLE 2, MAXIMUM COVER FOR ADS HP STORM PIPE, ALTERNATE INSTALLATION, IR (ys=120)

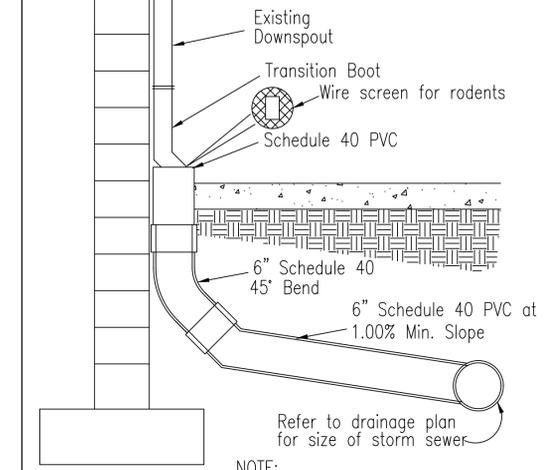
PIPE DIAM.	CLASS II	CLASS III	CLASS IV	
12"	17"	14"	11"	
15"	(3.2m)	(4.3m)	(3.4m)	
18"	17"	14"	10"	
24"	(5.2m)	(4.3m)	(3.0m)	
30"	18"	13"	10"	
36"	(4.9m)	(4.0m)	(3.0m)	
42"	19"	13"	9"	
48"	(4.3m)	(3.7m)	(2.7m)	
54"	20"	12"	8"	
60"	(7.0m)	(4.0m)	(3.7m)	(2.4m)
66"	21"	11"	7"	
72"	(9.0m)	(3.4m)	(3.4m)	(2.1m)
78"	22"	11"	7"	
84"	(10.0m)	(3.4m)	(3.4m)	(2.1m)
90"	23"	10"	6"	
96"	(120mm)	(3.4m)	(3.0m)	(1.8m)
102"	24"	10"	6"	
108"	(150mm)	(3.4m)	(3.0m)	(1.8m)

FILL HEIGHT TABLE GENERATED ASSUMING DRY CONDITIONS, OUTSIDE OF WATER TABLE. FOR INSTALLATION WITHIN THE WATER TABLE, CONTACT APPLICATIONS ENGINEERING.

- NOTES**
- MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE PINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
 - SOIL CLASSIFICATIONS ARE PER THE LATEST VERSION OF ASTM D2321. CLASS I/IV MATERIALS (MH, CH) AS DEFINED IN PREVIOUS VERSIONS OF ASTM D2321 ARE NOT APPROPRIATE BACKFILL MATERIALS.
 - FOUNDATION** WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 - BEDDING** SUITABLE MATERIAL SHALL BE CLASS I. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-1500mm).
 - BACKFILL** FOR PIPES OUTSIDE OF PAVEMENT CLASS I MATERIAL TO BE USED FOR BACKFILL UP TO THE SPRINGLINE OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. CLASS I MATERIAL MUST BE COMPACTED IN 6" (200mm) LIFTS.
 - MINIMUM COVER** MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS IS 12" (300mm) FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION.
 - SELECT NATIVE CLEAN BACKFILL SHALL BE WELL PLACED, MODERATELY COMPACTED (85% SPD) CLASS IV OR BETTER PER ASTM D2321 WITH NO FOREIGN DEBRIS INCLUDING ROCKS, LARGE CLUMPS ORGANIC MATERIAL, OR FROZEN MATERIAL.
 - HP STORM ALTERNATE TRENCH DETAIL ONLY APPLIES TO BACKFILL INSTALLATIONS IN NON-TRAFFIC APPLICATIONS PER TN 2.04A. ALTERNATE TRENCH USE MUST BE APPROVED BY DESIGN ENGINEER. DETAIL DOES NOT SUPERSEDE ADS STANDARD DETAIL STD-108.

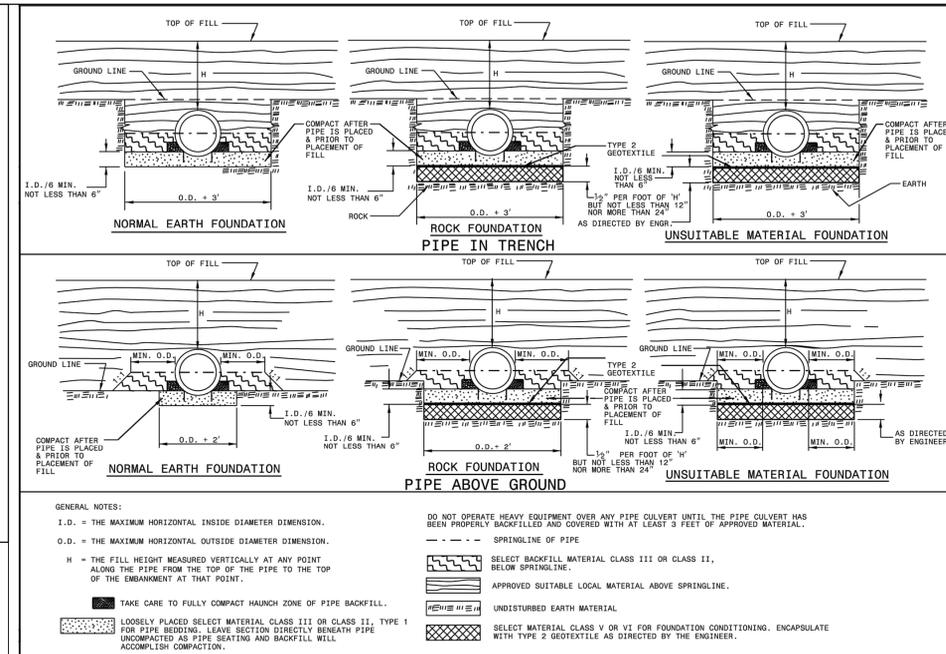
HP STORM TRENCH INSTALLATION DETAIL
N.T.S.

KHA DETAIL NO: 03.101.001



TYPICAL ROOF DRAIN CONNECTION
NOT TO SCALE

NOTE: ALL DOWNSPOUT COLLECTOR PIPE SHALL BE SCHEDULE 40 PVC.



- GENERAL NOTES:**
- I.D. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.
 - O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.
 - H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.
 - DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.
 - SELECT BACKFILL MATERIAL CLASS III OR CLASS II, BELOW SPRINGLINE.
 - APPROVED SUITABLE LOCAL MATERIAL ABOVE SPRINGLINE.
 - UNDISTURBED EARTH MATERIAL.
 - SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH TYPE 2 GEOTEXTILE AS DIRECTED BY THE ENGINEER.
 - LOOSELY PLACED SELECT MATERIAL CLASS III OR CLASS II, TYPE 1 FOR PIPE BEDDING. LEAVE SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.
 - DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.
 - SELECT BACKFILL MATERIAL CLASS III OR CLASS II, BELOW SPRINGLINE.
 - APPROVED SUITABLE LOCAL MATERIAL ABOVE SPRINGLINE.
 - UNDISTURBED EARTH MATERIAL.
 - SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH TYPE 2 GEOTEXTILE AS DIRECTED BY THE ENGINEER.
 - LOOSELY PLACED SELECT MATERIAL CLASS III OR CLASS II, TYPE 1 FOR PIPE BEDDING. LEAVE SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.

ROADWAY STANDARD DRAWING FOR METHOD OF PIPE INSTALLATION
RIGID PIPE

FLEXIBLE PIPE

Round Corrugated Steel Pipe 2 2/3 x 1/2 corrugation **			
Diameter (inches)	Minimum cover (inches)	Maximum Height of Cover (feet)	
		16	12
12	12	204	256
15	12	162	204
18	12	135	169
21	12	115	145
24	12	100	126
30	12	79	100
36	12	65	83
42	12	55	70
48	12	48	61
54	12	44	54
60	12	39	48
66	12	35	43
72	12	31	38
78	12	27	33
84	12	23	28

Round Corrugated Aluminum Pipe 2 2/3 x 1/2 corrugation **			
Diameter (inches)	Minimum cover (inches)	Maximum Height of Cover (feet)	
		16	12
12	12	123	155
15	12	98	123
18	12	81	102
21	12	69	87
24	12	60	76
27	12	52	67
30	12	47	60
36	12	40	51
42	12	35	44
48	12	31	38
54	12	27	33
60	12	24	30
66	12	21	27
72	12	18	23
78	12	16	20
84	12	14	18

** FOR DIFFERENT CORRUGATIONS AND ARCH PIPES REFER TO ROADWAY DESIGN MANUAL OR MANUFACTURERS SPECIFICATION.

- RIGID PIPE**
- REFER TO THE FOLLOWING FOR PIPE SPECIFICATIONS
- CSP - AASHTO M36
 - CAAP - AASHTO M196
 - HDPE - AASHTO M294
 - PVC - ASTM F949 or AASHTO M304
- NOTES: FILL HEIGHTS SHOWN WERE CALCULATED USING AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
- 1' MINIMUM COVER FOR ALL SIDE DRAIN PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS
- RCF - AASHTO M170
- NOTES: FILL HEIGHTS SHOWN WERE CALCULATED USING AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
- 1' MINIMUM COVER FOR ALL SIDE DRAIN PIPE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS

ROADWAY STANDARD DRAWING FOR METHOD OF PIPE INSTALLATION
FILL HEIGHT TABLES

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

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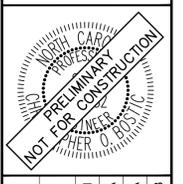
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Kimley»Horn

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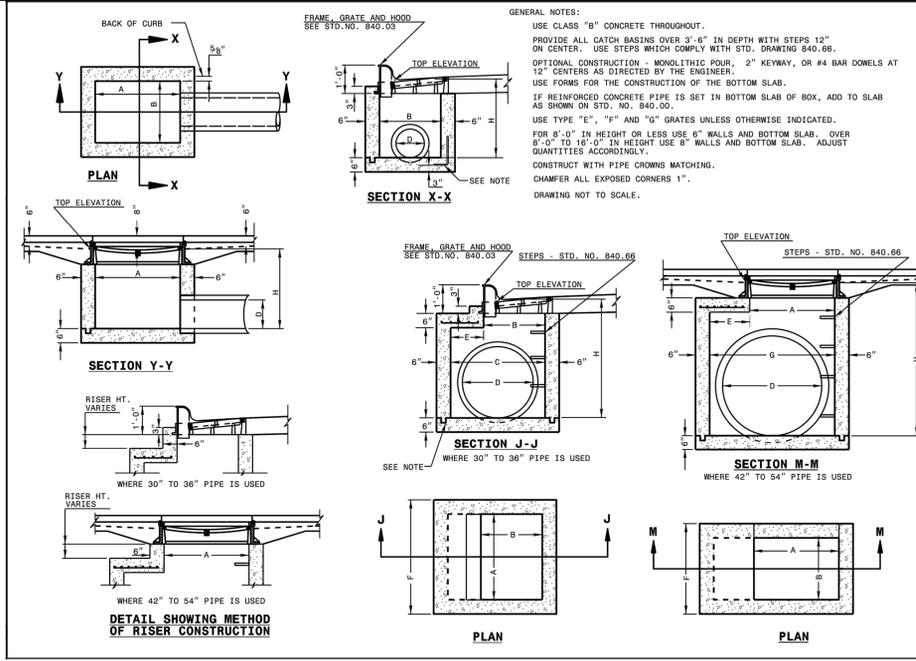
KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
016485000	10/31/2023	AS SHOWN	JAA	JAA	COE

SCOOTER'S ROLESVILLE
PREPARED FOR
S&S JAVA ENTERPRISES
ROLESVILLE, NC

SHEET NUMBER
C9.0



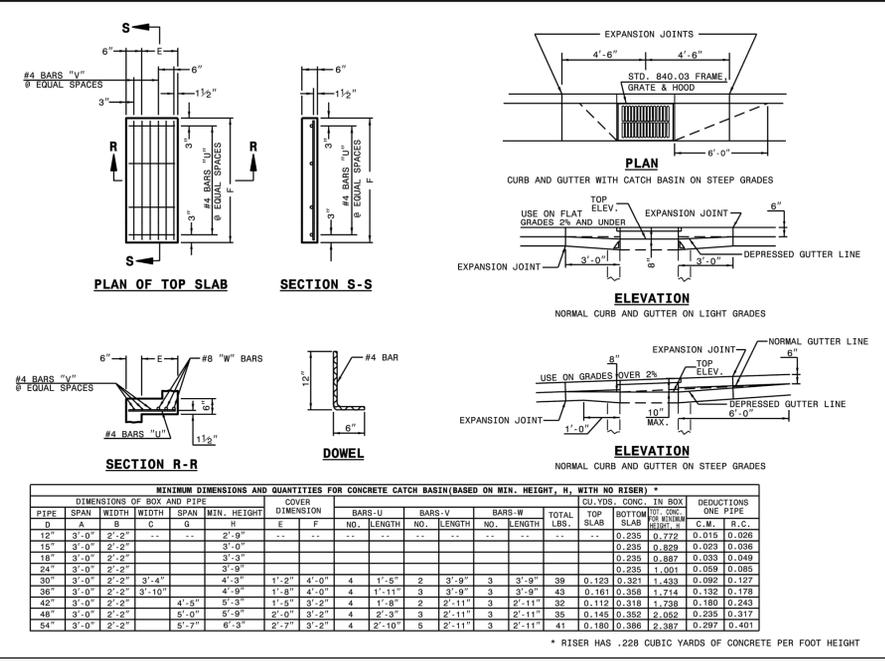
Plotted By: Barnes, Michael. Sheet Set: SCOOTER'S ROLESVILLE Layout: CB.1. STORM DETAILS. March 01, 2024. 05:02:36pm. K:\RAL_LDEV\016485000-Scoters Rolesville\Planning\P15_CAD Files\PlanSheets\C8.2 STORM DETAILS.dwg
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ROADWAY STANDARD DRAWING FOR
CONCRETE CATCH BASIN
 12" THRU 54" PIPE

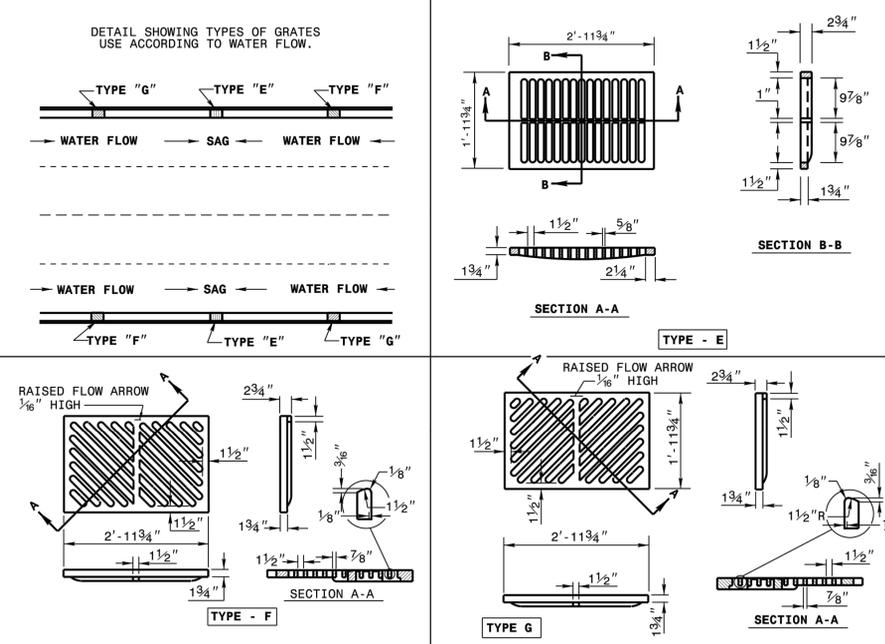
SHEET 1 OF 2
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STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CONCRETE CATCH BASIN
 12" THRU 54" PIPE

SHEET 2 OF 2
840.02



STATE OF NORTH CAROLINA
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 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
FRAME, GRATES, AND HOOD
 FOR USE ON STANDARD CATCH BASIN

SHEET 2 OF 2
840.03

SURVEY NOTE:
 EXISTING TOPOGRAPHICAL INFORMATION IS BASED ON A TOPOGRAPHIC SURVEY OBTAINED ON 02/23/2023 BY CMP PROFESSIONAL LAND SURVEYORS, 333 S. WHITE STREET, WAKE FOREST, NC. 27588. PHONE: (919) 556-3148. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING INFORMATION, DEPICTED OR NOT, PRIOR TO CONSTRUCTION AND REPORT POTENTIAL CONFLICTS TO OWNER AND ENGINEER.



SDP-23-09

SCOOTER'S ROLESVILLE
 PREPARED FOR
S&S JAVA ENTERPRISES
 ROLESVILLE, NC

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 421 FAYETTEVILLE STREET, SUITE 600, RALEIGH, NC 27601

STORM DETAILS

KHA PROJECT 016485000
 DATE 10/31/2023
 SCALE AS SHOWN
 DESIGNED BY JAA
 DRAWN BY JAA
 CHECKED BY COE

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CONCRETE CATCH BASIN
 12" THRU 54" PIPE

TOWN COMMENTS 03/01/2024 JAA
 TOWN COMMENTS 01/02/2024 IMDE

REVISIONS BY DATE

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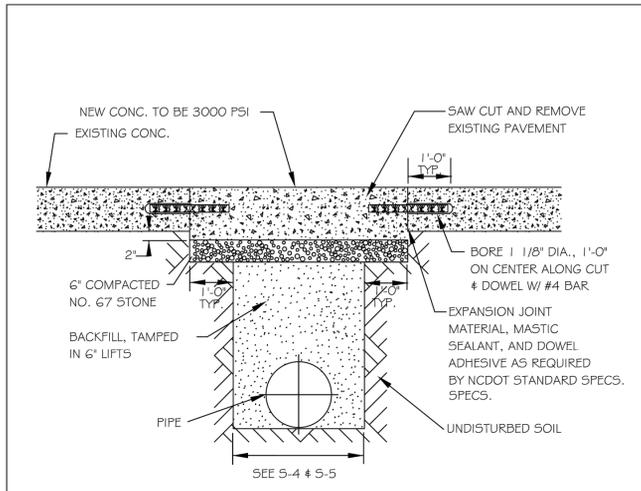
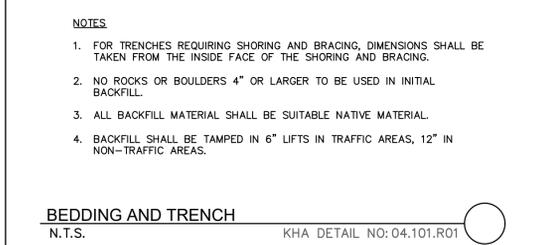
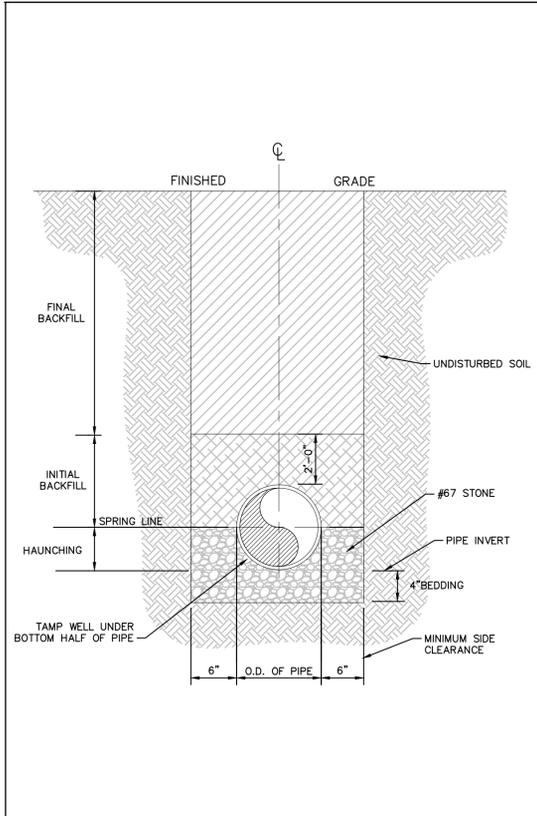
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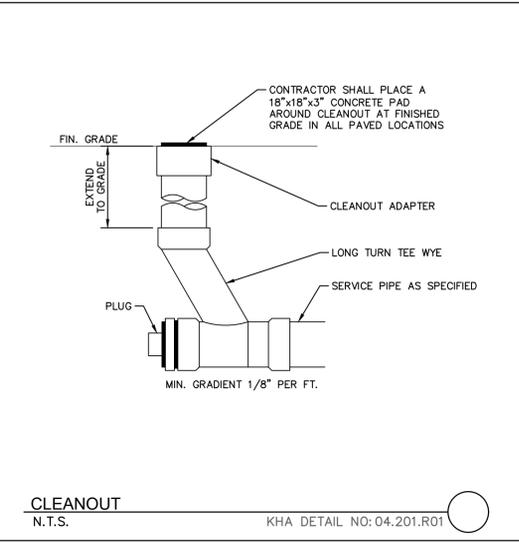
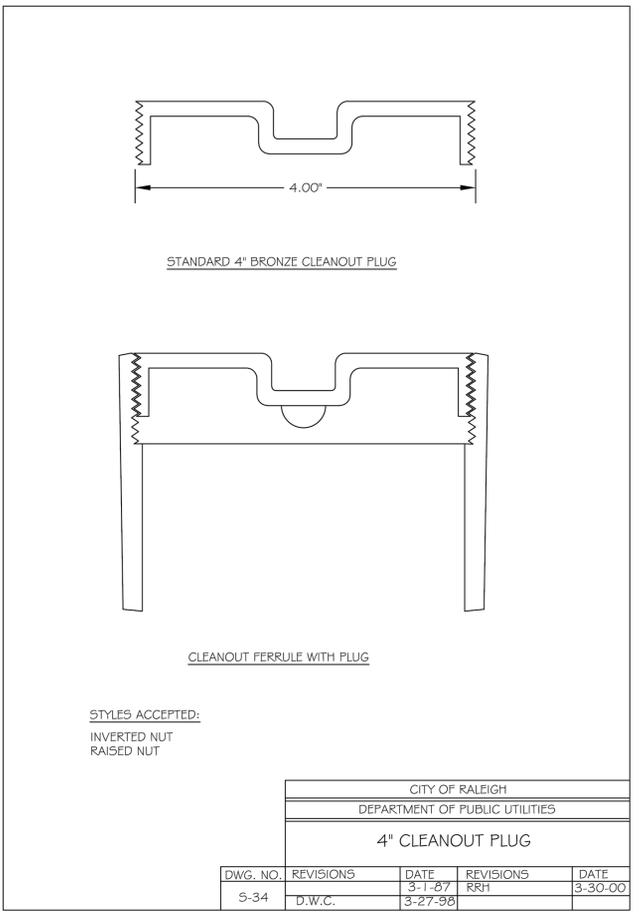
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Plotted By: Barnes, Michael. Sheet Set: SCOOTER'S ROLESVILLE Layout: C10.0 SANITARY SEWER DETAILS. March 01, 2024 05:02:42pm K:\RAL_LDEV\016485000-Scoters Rolesville\Planning\15-CAD Files\Plans\Sheets\C10.1 SANITARY SEWER DETAILS.dwg
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NOTES:
 1. See City of Raleigh standards for trenches and pipe bedding (5-4 & 5-5) for additional details.
 2. Pavement cuts over 5'-0" in width shall be reinforced to N.C.D.O.T. standards.
 3. Pavement cuts shall be made with an appropriate saw cut machine.
 4. Pavement cuts within NCDOT ROW shall conform to the approved on site encroachment permit.

CITY OF RALEIGH		CITY OF RALEIGH	
DEPARTMENT OF PUBLIC UTILITIES		DEPARTMENT OF PUBLIC UTILITIES	
STANDARD CONCRETE		4" CLEANOUT PLUG	
PAVEMENT PATCH DETAIL			
DWG. NO.	REVISIONS	DATE	REVISIONS
5-2	D.W.C.	6-23-99	A.B.B.
	RRH	3-30-00	J.P.S
			0-8-10



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DATE BY

03/01/2024 JAA

01/02/2024 IMDE

REVISIONS

KHA PROJECT
016485000

DATE
10/31/2023

SCALE
AS SHOWN

DESIGNED BY
JAA

DRAWN BY
JAA

CHECKED BY
COB

SANITARY SEWER DETAILS

SCOOTER'S ROLESVILLE

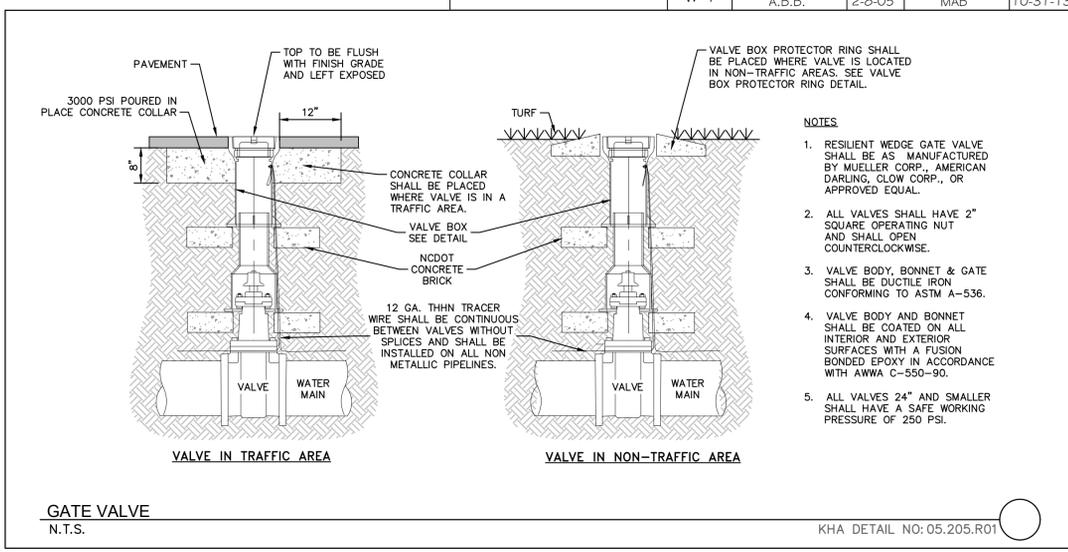
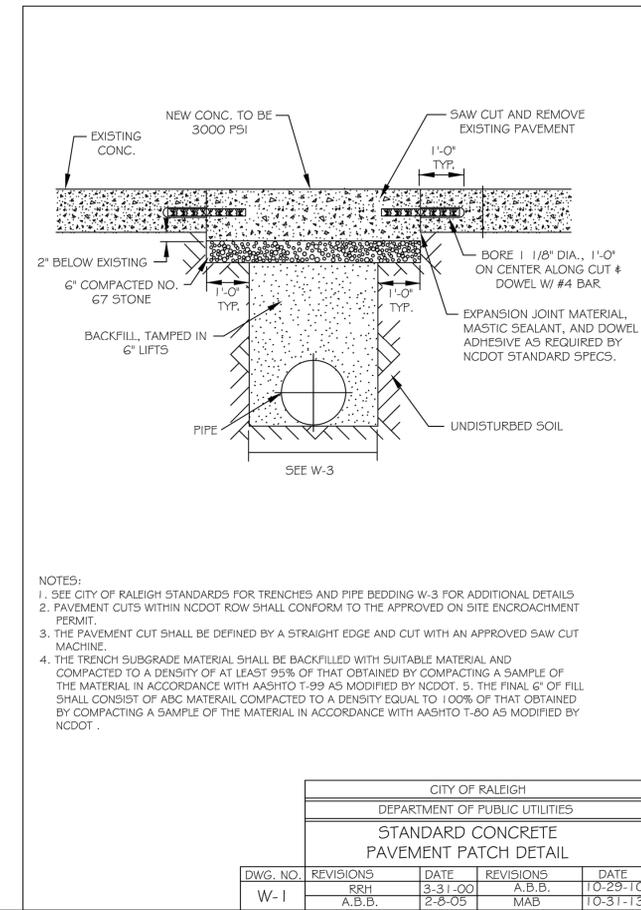
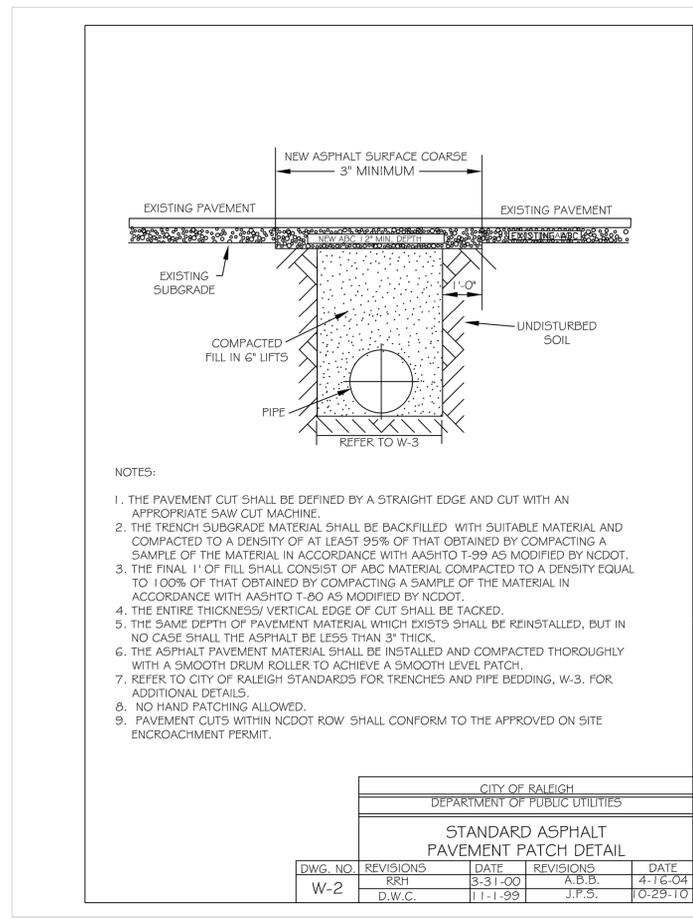
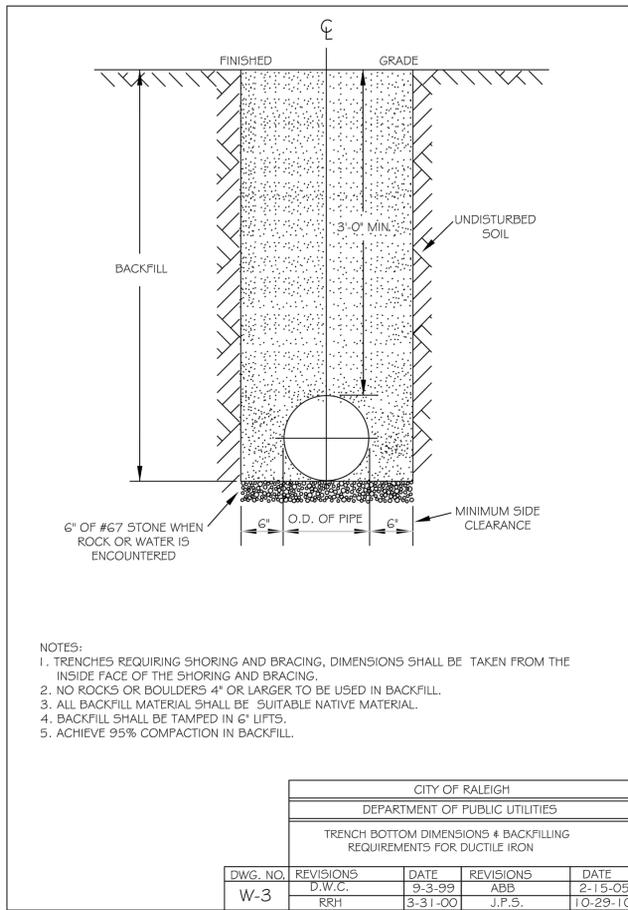
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S&S JAVA ENTERPRISES

ROLESVILLE NC

SHEET NUMBER
C10.0

SDP-23-09

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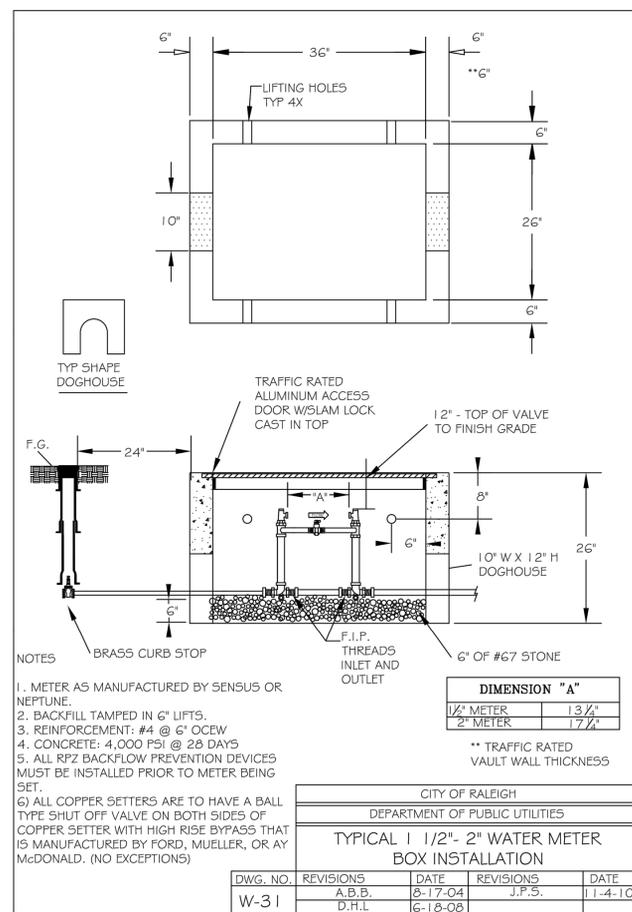
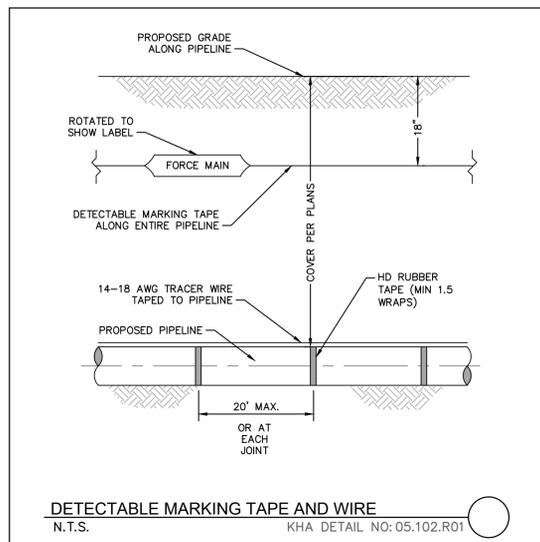
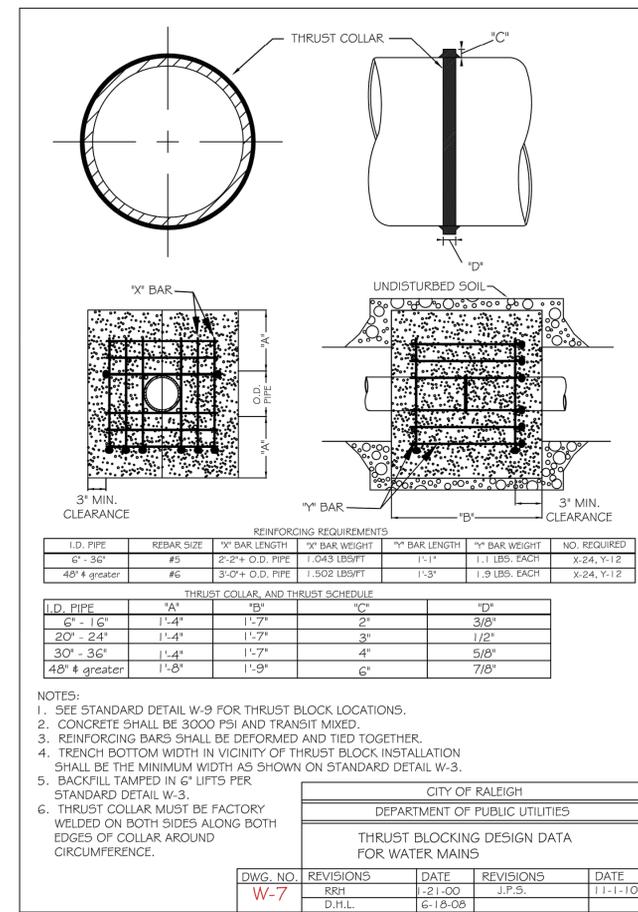
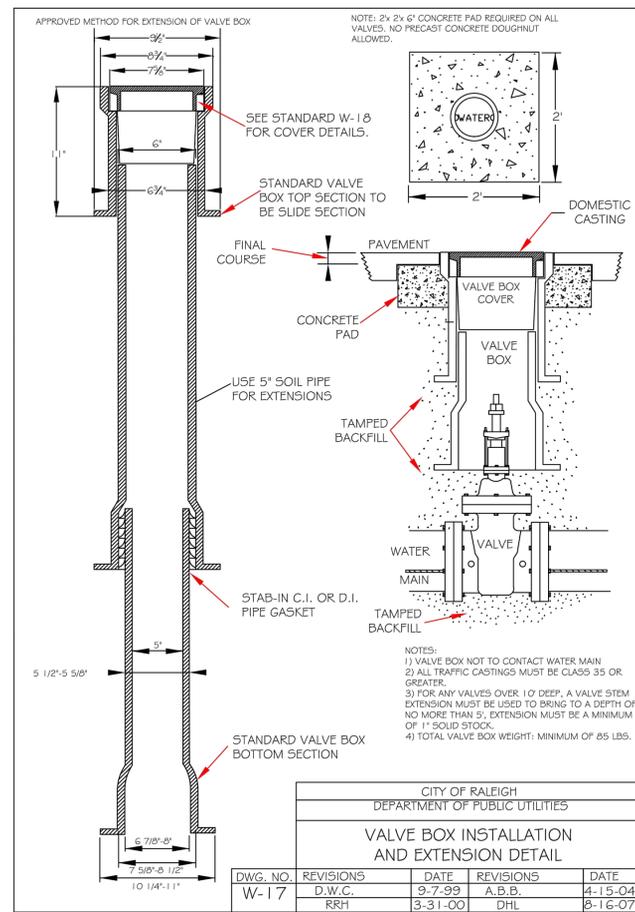
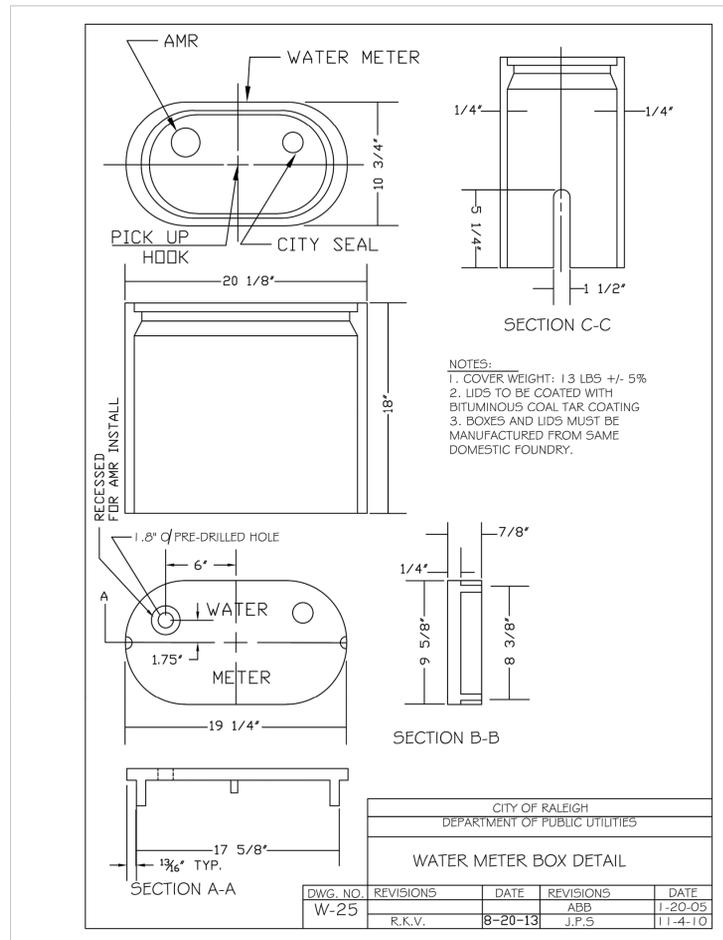
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SDP-23-09

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	TOWN COMMENTS 03/01/2024 JAA	REVISIONS 01/02/2024 IMDE	DATE BY
	TOWN COMMENTS 03/01/2024 JAA	REVISIONS 01/02/2024 IMDE	DATE BY
	TOWN COMMENTS 03/01/2024 JAA	REVISIONS 01/02/2024 IMDE	DATE BY
KHA PROJECT 016485000	DATE 10/31/2023	SCALE AS SHOWN	DESIGNED BY JAA
DRAWN BY JAA	CHECKED BY COB	WATER DETAILS	
SCOOTER'S ROLESVILLE PREPARED FOR S&S JAVA ENTERPRISES ROLESVILLE, NC	SHEET NUMBER C11.0		

Plotted By: Barnes, Michael Sheet: SCOOTER'S ROLESVILLE Layout: C11.1 WATER DETAILS March 01, 2024 05:02:52pm K:\RAL_LDEV\016485000-Scooter's Rolesville\Planning\P15_CAD Files\PlanSheets\C11.1 WATER DETAILS.dwg
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016485000	10/31/2023	AS SHOWN	JAA	JAA	COE

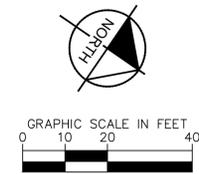
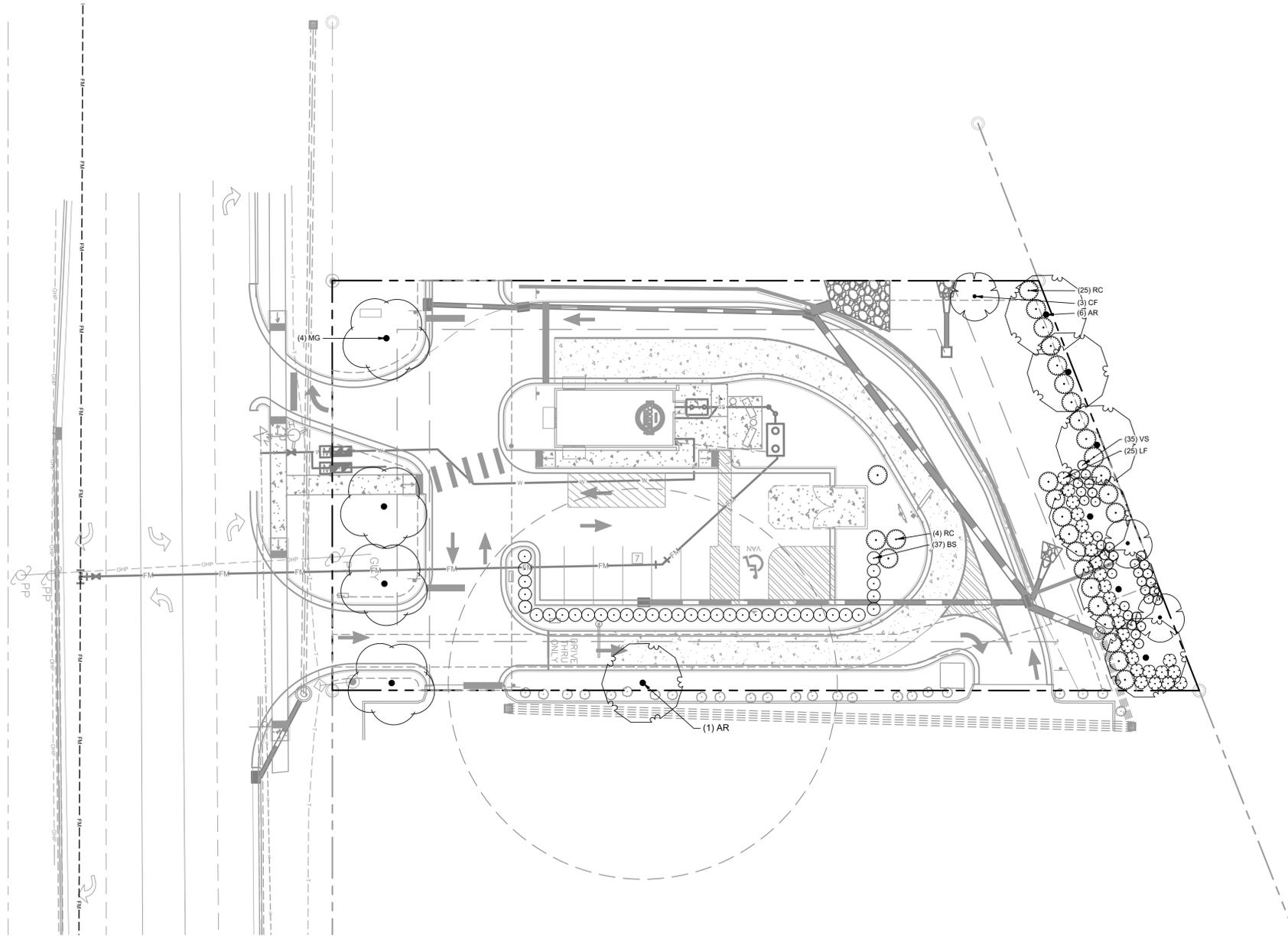
WATER DETAILS

SCOOTER'S ROLESVILLE
 PREPARED FOR
S&S JAVA ENTERPRISES
 ROLESVILLE, NC

SHEET NUMBER
C11.1

SDP-23-09

Plotted By: Barnes, Michael. Sheet Set: SCOOTER'S ROLESVILLE Layout.L1.0 LANDSCAPE PLAN. March 01, 2024. 05:03:00pm. K:\DAL_LDEV\016485000-Scooters Rolesville\Planning\15_CAD Files\PlanSheets\L1.0 LANDSCAPE PLAN.dwg
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LANDSCAPE NOTES:

- ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 3" OF TOPSOIL. DO NOT MOUND MULCH AGAINST ROOT FLARES.
- ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
- ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
- ANY DISTURBED GRASS AREA IS TO BE REPLANTED. ALL SLOPES 3:1 OR GREATER SHALL BE SEEDED WITH SLOPE MASTER NO-MOW MIX OR OWNER APPROVED EQUAL.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES AND ADJACENT TO THE WORK AREA 2) TO PROTECT OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE WARRANTY PERIOD.
- ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES, AND SHALL BE STATE STANDARD OR BETTER.
- ALL INVASIVE / EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM SITE, INCLUDING ROOT BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE TO ADJACENT EXISTING TREES.
- CONTRACTOR TO DESIGN BUILD SYSTEM AND VERIFY ALL PRODUCTS WITH LANDSCAPE ARCHITECT.
- TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS "ESTABLISHED" (AS APPROVED BY THE LANDSCAPE ARCHITECT).
- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL UTILITIES ARE ADEQUATELY SCREENED WITH THE REQUIRED PLANTING MATERIAL AND VERIFY PLANT SPECIES WITH LANDSCAPE ARCHITECT.
- ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.

LANDSCAPE REQUIREMENTS

PERIMETER BUFFER REQUIREMENTS 6.2.2.1		
Type 3 Perimeter Buffer: 136 lf	Required	Provided
Width	25 feet	Provided
Canopy Trees	4 canopy trees per 100 linear feet = 6 canopy trees	6 Canopy Trees
Understory Trees	2 understory trees per 100 linear feet = 3 understory trees	3 Understory Trees
Shrubs	60 shrubs per 100 linear feet = 82 shrubs	83 shrubs
STREET BUFFER 6.2.2.2		
Street Buffer: 126 lf	Required	Provided
Width	30 feet	Provided
Street Tree	1 per 40 linear feet = 4 street trees	4 Street Trees
PARKING LANDSCAPING 6.2.4.4		
Parking Perimeter	Required	Provided
Shrubs	Continuous row of shrubs within 5 feet of the parking lot edge	Provided

- NOTES:**
- ESTABLISH SOD IN ALL DISTURBED AREAS. SEE SPECIFICATIONS FOR MORE INFORMATION.
 - ALL AREAS WITH PROPOSED LANDSCAPE MATERIAL SHALL RECEIVE A MINIMUM THREE (3) INCHES OF SHREDDED HARDWOOD MULCH. SEE LANDSCAPE PLAN FOR MULCH BOUNDARY LINES. SEE LANDSCAPE DETAILS FOR TYPICAL MULCH AREA DIMENSIONS.

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SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	HEIGHT
PERIMETER BUFFER TREES							
	CF	3	CORNUS FLORIDA	FLOWERING DOGWOOD	5 GAL	2" CAL. MIN	8' MIN.
	MG	4	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	5 GAL	3" CAL.	10-12' MIN
STREET BUFFER TREES							
	AR	7	ACER RUBRUM	RED MAPLE	5 GAL	3" CAL.	10-12' MIN
PERIMETER BUFFER SHRUBS							
	LF	26	LEUCOTHOE FONTANESIANA	DROOPING LEUCOTHOE	5 GAL	24" HT.	
	RC	29	RHODODENDRON CATAWBIENSE	MOUNTAIN ROSEBAY	5 GAL	24" HT.	
	VS	35	ITEA VIRGINICA	VIRGINIA SWEETSPIRE	5 GAL	24" HT.	
PARKING PERIMETER SHRUBS							
	BS	37	BUXUS SEMPERVIRENS	COMMON BOXWOOD	5 GAL	24" HT.	

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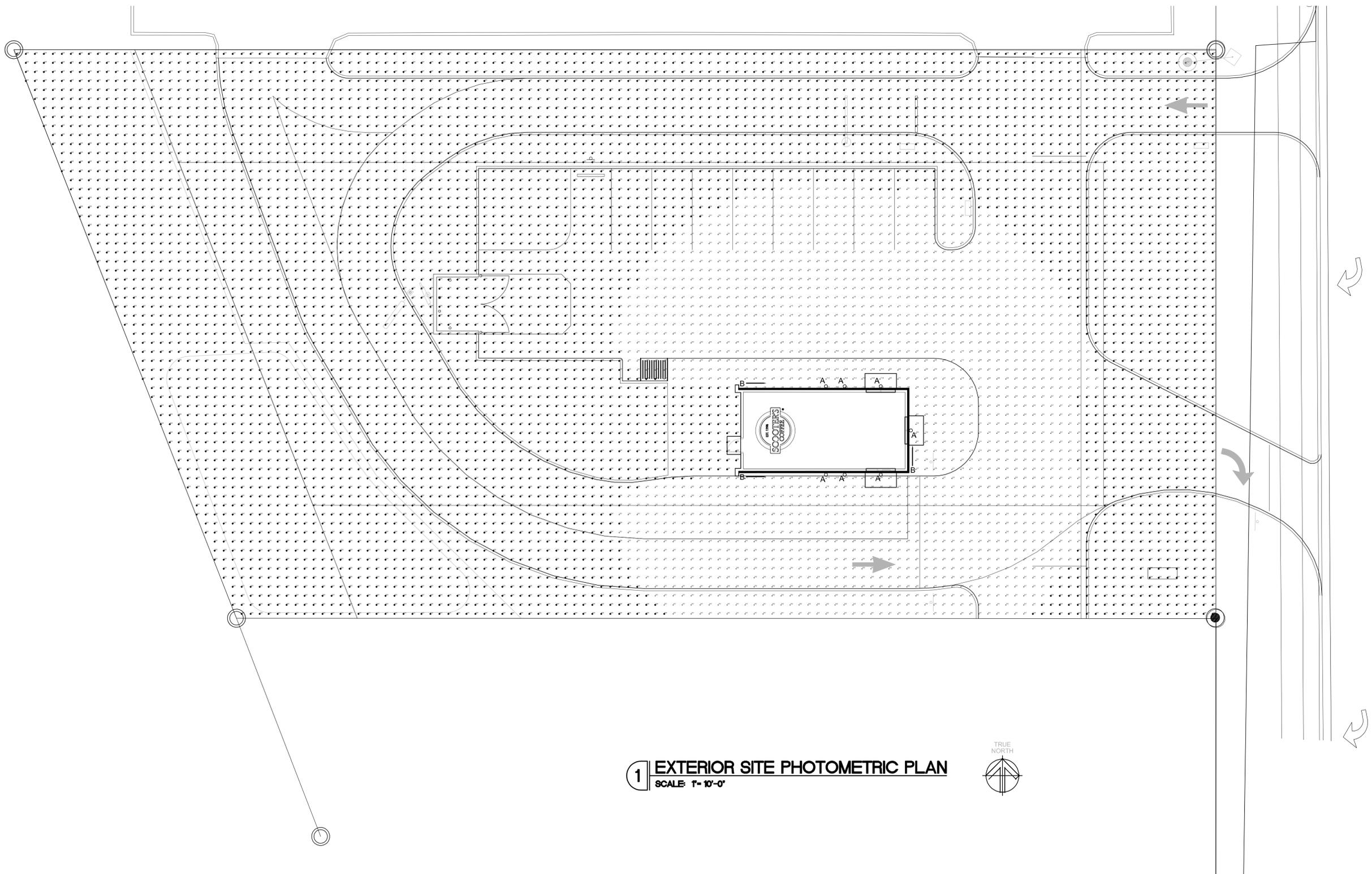
LANDSCAPE PLAN

SCOOTER'S ROLESVILLE
 PREPARED FOR
S&S JAVA ENTERPRISES
 ROLESVILLE, NC



Schedule								
Symbol	Label	QTY	Manufacturer	Catalog	Number Lamps	Lamp Output	LLF	Input Power
	A	7	RAB LIGHTING INC.	SLIM12Y/D10	1	2006	0.75	15
	B	130		NF/SP-PROW-120-24V-3000K	1	180	0.8	2.89861

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	0.3 fc	15.3 fc	0.0 fc	N/A	N/A



1 EXTERIOR SITE PHOTOMETRIC PLAN
SCALE: 1" = 10'-0"



U.S. HWY 401
(A.K.A. SOUTH MAIN STREET)



ROBERT L. QUEATHEM
ENGINEER
1950 CRAIG ROAD, SUITE 900
ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300
www.arvcv.com



REV	DATE	DESCRIPTION	BY
1	12/15/23	EXTERIOR REVISION	ANG
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TITLE:
EXTERIOR SITE PHOTOMETRIC PLAN

PROJECT ADDRESS:
306 S. MAIN ST.
ROLESVILLE, NC 27571
FRANCHISEE & STORE NUMBER:
SCOOTER'S COFFEE #562
P&S JAVA ENTERPRISES, INC.

KIOSK PROTOTYPE:
4.1 PROTOTYPE
MAY 2022
ISSUE DATE:
08/14/2023
PROJECT NO.
230522
DRAWN BY:
JDK
CHECKED BY:
SAH

SHEET NO.

E3.1

SCOOTER'S COFFEE LIGHTING SCHEDULE										
FIXTURE INFORMATION					LAMP(S) ELECTRICAL CHARACTERISTICS					NOTES
TAG	QTY.	MANUFACTURE	DESCRIPTION	MODEL NUMBER	MOUNTING	QTY.	VOLTS	WATTS	LAMP BASE TYPE	
A	7	RAB	EXTERIOR WALL SCONCE	SLIM12Y	WALL	1	120	12	INTEGRATED	0-10V (120V/277V)
A2	0	RAB	EXTERIOR WALL SCONCE	SLIM18Y	WALL	1	120	18	INTEGRATED	0-10V (120V/277V)
B	131'	NOVA FLEX	LED STRIP LIGHT	NF/SP-PROW-120-24V-3000K	SURFACE	1	120	2.9W/FT	INTEGRATED	0-10V
EM1	4	BEST LIGHTING	MR-16 SEMI-RECESSED THERMOPLASTIC EMERGENCY UNIT.	RMR-16-LED	WALL	1	120	(2) 3.3W	MR-16	N/A
EM2	1	BEST LIGHTING	LED DECORATIVE OUTDOOR DIE-CAST AC/EMERGENCY UNIT.	DBEL-ACEM-HL-B-SDI-CW-PC	WALL	1	120	3	INTEGRATED	N/A
T1	8	AEL	LED 2x4	CB2435MM	RECESSED	1	120/277	40	INTEGRATED	N/A
EX1	1	BEST LIGHTING	LED EXIT SIGN/EMERGENCY UNIT COMBO	LEDXTEU-2-R-W	CEILING	1	120/277	3	INTEGRATED	N/A
FL	2	KITCHLER	GROUND MOUNT LED FLAG POLE LIGHT FIXTURE	NSP 10 TO 15 - 16209	STANCHION GROUND	1	120/277	3	INTEGRATED	N/A
PL	SEE NOTE	LITHONIA LIGHTING	LED POLE LIGHT FIXTURE w/FULL CUT-OFF SHIELDING	KAD LED 60C 700 40K R4 MVOLT	POLE	1	120/277	-	INTEGRATED	N/A

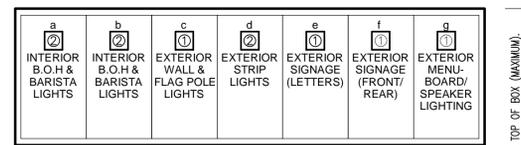
NOTES:

- CONTRACTOR TO CONSULT WITH LIGHTING MANUFACTURE TO PROVIDE U.L. LABELING TO REFLECT ACTUAL LAMP WATTAGE USED, NOT MAXIMUM FIXTURE WATTAGE
- RECESSED FIXTURES INSTALLED IN AN INSULATED CEILING SHALL BE I.C. RATED
- "EXIST" DENOTES EXISTING TO REMAIN

LIGHTING CONTROL DEVICE SCHEDULE							
CALLOUT	SYMBOL	MANUFACTURE MODEL NUMBER	UNOBSTRUCTED RATED COVERAGE	MOUNTING	WATTAGE VOLTAGE	TIME DELAY	DESCRIPTION
OCCUPANCY SENSOR SWITCH	Ⓢ	nLIGHT WSX-PDT	---	WALL	LINE	---	LINE VOLTAGE SWITCH DUAL TECHNOLOGY SENSOR
DIMMER SWITCH	Ⓢ	ACUITY CONTROLS sPDMRD	---	WALL	LINE	---	LINE VOLTAGE PUSH BUTTON SWITCH POD ON/OFF
TOGGLE SWITCH	Ⓢ	HUBBEL #1221	---	WALL	LOW	---	

NOTES:

- SENSOR REQUIRES POWER PACK (INSTALL IN ACCESSIBLE LOCATION)
- SWIVEL MOUNTING BRACKET INCLUDED
- ELECTRICAL CONTRACTOR SHALL COORDINATE COMPATIBILITY OF LIGHT FIXTURES AND LIGHTING CONTROL DEVICES/ SYSTEM WITH CONTROL SYSTEM SUPPLIER PRIOR TO ORDERING/ROUGH-IN
- VERIFY POWER REQUIREMENT FOR CEILING SENSOR. IF IT REQUIRES CONTINUOUS HOT, PULL UNDIMMED WIRE FROM AHEAD OF DIMMER SWITCH TO CEILING SENSOR FOR SENSOR OPERATING, AND RUN DIMMED LINE THROUGH SENSOR FOR ON/OFF CONTROL. CONFIRM WITH VENDOR PRIOR TO ORDERING SENSOR TO ENSURE COMPATIBILITY.



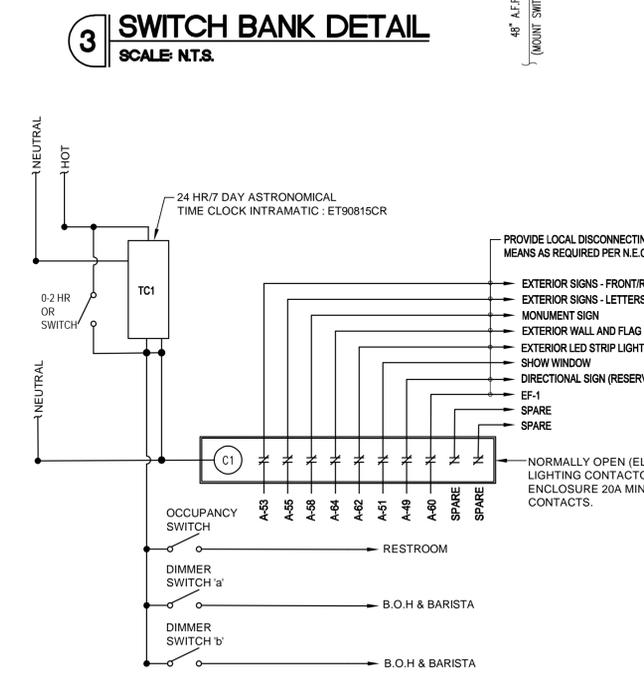
LEGEND
 ① SINGLE POLE SWITCH.
 ② SINGLE POLE DIMMER SWITCH

JURISDICTIONAL NOTE

PER LDO SECTION 6.6.G.10, FULL CUT-OFF LIGHTING SHALL BE PROVIDED IN LOADING AREAS.

BUILDING FACADE AND ACCENT LIGHTING SHALL BE SELECTED, LOCATED, AIMED AND SHIELDED SO THAT LIGHT IS DIRECTED ONLY ONTO THE BUILDING FACADE AND SPILLOVER LIGHT IS NEGLIGIBLE.

LIGHTING DESIGN SHALL BE COORDINATED WITH THE LANDSCAPE PLAN TO ENSURE THAT VEGETATION GROWTH WILL NOT SUBSTANTIALLY IMPAIR THE INTENDED ILLUMINATION.

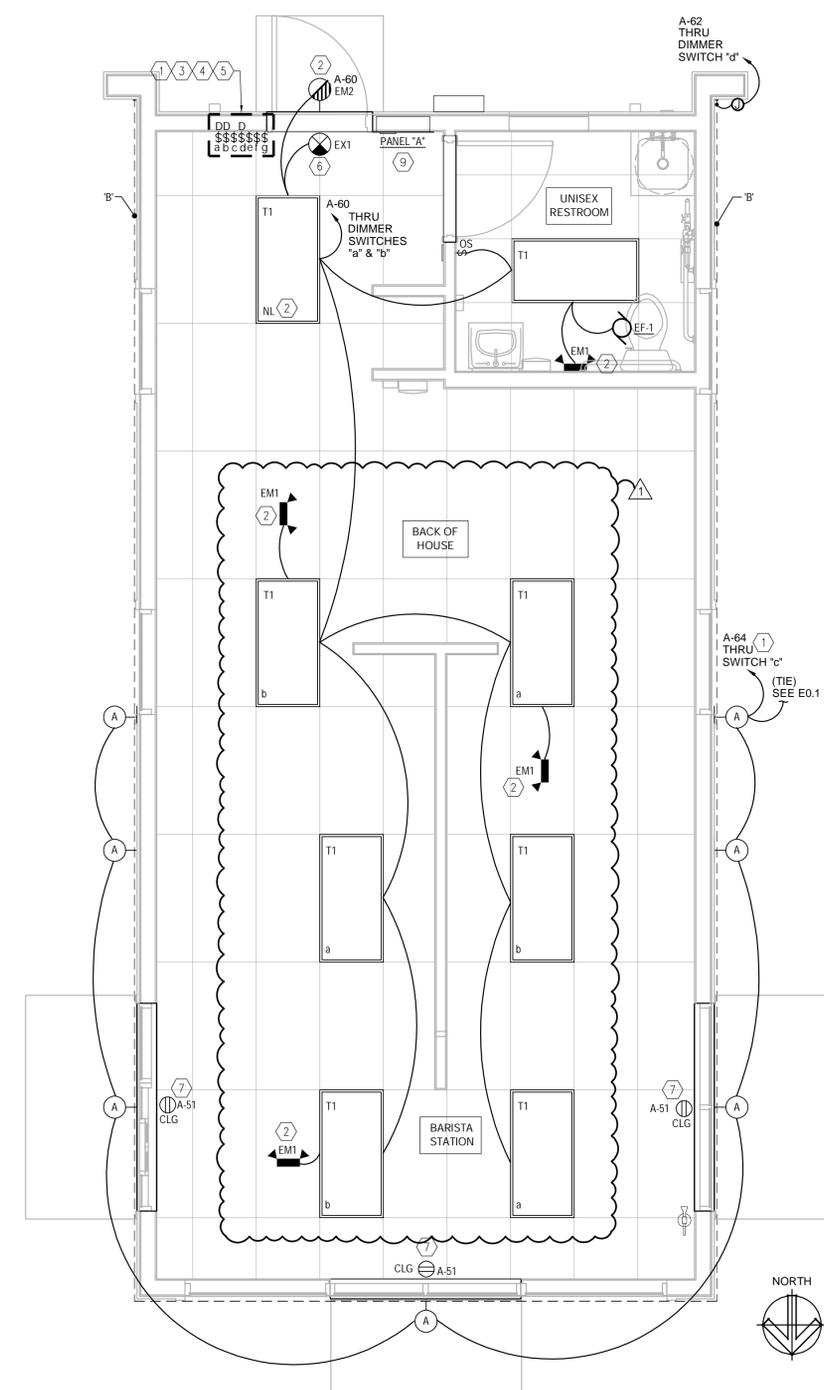


2 TIME CLOCK DIAGRAM
SCALE: NOT TO SCALE

TIMECLOCK SEQUENCE OF OPERATION

- EXTERIOR SIGN SHALL TURN ON AT 4:30AM.
- TOILET EXHAUST SHALL TURN ON AT 5AM.
- EXTERIOR SIGN SHALL TURN OFF 30- MINUTES AFTER SUNRISE.
- EXTERIOR SIGNAGE SHALL TURN ON 30-MINUTES BEFORE SUNSET.
- TOILET EXHAUST SHALL SHUT OFF AT 10PM.
- EXTERIOR SIGNAGE SHALL TURN OFF AT 10:30PM.

ALL TIMES ARE ADJUSTABLE.



1 ELECTRICAL LIGHTING PLAN
SCALE: 3/8" = 1'-0"

LIGHTING GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BASE BID. IN CASE OF ANY DISCREPANCIES WITH EXISTING FIELD CONDITIONS, ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT DIFFERENCE FOR POSSIBLE REVISIONS TO THIS DOCUMENT.
- INSTALL RECESSED LUMINAIRES USING ACCESSORIES AND FIRE STOPPING MATERIALS TO MEET REGULATORY REQUIREMENTS FOR FIRE RATING.
- COORDINATE ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES WITH ARCHITECTURAL BUILDING ELEVATIONS FOR HEIGHTS AND LOCATIONS.
- PROVIDE EXIT SIGNS FOR ALL EXISTS DESIGNATED BY THE CODE STUDY PLAN. REFER TO ARCHITECTURAL CODE PLANS FOR LOCATIONS AND REQUIREMENTS.
- CONDUIT AND WIRING SHOWN FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE THE NUMBER OF CONDUCTOR REQUIRED FOR HOT-LEGS, NEUTRAL AND GROUNDING AT EACH DEVICE FOR PROPER BRANCH CIRCUITING SHOWN FOR EACH AREA OR ROOM.
- ALL EMERGENCY/EXIT FIXTURES AND ARE TO BE PROVIDED WITH MINIMUM 90 MIN EMERGENCY BATTERY BACK-UP. BYPASS ENERGY MANAGEMENT SYSTEM WHERE REQUIRED.
- WHEN REQUIRED, IT IS THE OWNER'S RESPONSIBILITY TO CONTRACT WITH A COMMISSIONING AUTHORITY TO COMPLY WITH LOCAL CODES.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DISCIPLINES DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND ENGINEERS PRIOR TO FINAL BID CLOSING.

GENERAL NOTE

PROVIDE STRUCTURE ENGINEERING LETTER OF APPROVAL FOR SEISMIC INSTALLATION SUPPORT PRIOR TO INSTALLATION AND AT COMMISSIONING STAGE. ALL EQUIPMENT SEISMIC SUPPORT AND INSTALLATION METHOD MUST BE SUBMITTED TO STRUCTURE ENGINEERING APPROVAL PRIOR TO INSTALLATION.

LIGHTING CONTROL EXEMPTION

PER IECC 505.2.2 ADDITIONAL CONTROLS...
 505.2.2.1 LIGHT REDUCTION CONTROLS EXEMPTION #5: SPACES THAT USE LESS THAN 0.6 WATTS PER SQUARE FOOT (6.5 W/m²).
 (8 FIXTURES X 40-WATTS) 320 / TOTAL SQ/FT 680 = 0.47 Watts per square foot

AUTOMATIC CONTROL EXEMPTION

PER IECC 505.2.2 ADDITIONAL CONTROLS...
 505.2.2.2 AUTOMATIC LIGHTING SHUTOFF BUILDINGS LARGER THAN 5,000 SQUARE FEET (465m²) SHALL BE EQUIPPED WITH AN AUTOMATIC LIGHTING CONTROL DEVICE.
 TOTAL BUILDING 680 SQFT = < 5,000 SQFT = NO AUTO CONTROL REQUIRED

LIGHTING PLAN KEYED NOTES

- PROVIDE DIMMING SWITCH ON WALL FOR EXTERIOR LED STRIP LIGHTING. COORDINATE EXACT LOCATION WITH OWNER/ ARCHITECT PRIOR TO INSTALLATION.
- NITE-LITE/EMERGENCY EGRESS LIGHT SHALL BE CIRCUITED TO UNSWITCHED LEG OF LOCAL LIGHT CIRCUIT.
- PROVIDE LIGHT SWITCH ON WALL FOR EXTERIOR WALL/ SITE FIXTURE. COORDINATE EXACT LOCATION WITH OWNER/ ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE SWITCH ON WALL FOR ILLUMINATED MONUMENT SIGN AND BUILDING SIGNS COORDINATE EXACT LOCATION WITH OWNER/ ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE SWITCH ON WALL FOR ILLUMINATED MENU BOARD/ SPEAKER. COORDINATE EXACT LOCATION WITH OWNER/ ARCHITECT PRIOR TO INSTALLATION. VERIFY EXACT POWER REQUIREMENTS PRIOR TO ROUGH-IN.
- EXIT LIGHT SHALL BE CIRCUITED TO UNSWITCHED LEG OF LOCAL LIGHT CIRCUIT. PROVIDE CHEVRONS AS NEEDED.
- SHOW WINDOWS RECEPTACLE TO BE INSTALLED PER N.E.C. 210.62 & 220.14(G).



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REV	DATE	DESCRIPTION	BY	ANG
1	12/15/23	EXTERIOR REVISION		
2				
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TITLE:
ELECTRICAL LIGHTING PLAN & DETAILS

PROJECT ADDRESS:
 306 S. MAIN ST.
 ROLESVILLE, NC 27571

FRANCHISEE & STORE NUMBER:
 SCOOTER'S COFFEE #562
 P&S JAVA ENTERPRISES, INC.

KIOSK PROTOTYPE:
 4:1 PROTOTYPE
 MAY 2022

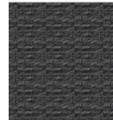
ISSUE DATE:
 08/14/2023

PROJECT NO.
 230522

DRAWN BY:
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CHECKED BY:
 SAH

SHEET NO.
E2.1

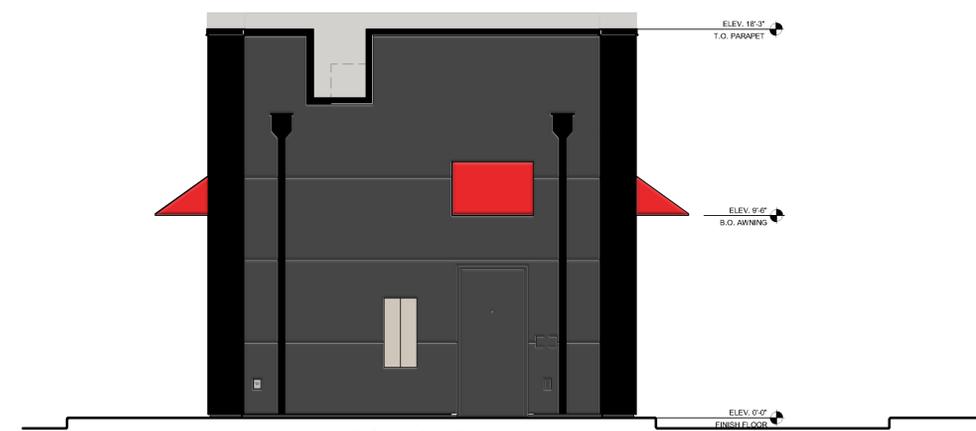
	CARBON LEDGESTONE		STUCCO PAINTED SHERWIN WILLIAMS "SKYLINE STEEL"
	FIBERON COMPOSITE CLADDING		STUCCO PAINTED SHERWIN WILLIAMS "INKWELL"
	SCOOTER'S BRAND RED COLOR		DARK BRONZE ALUMINUM



4 DRIVE THRU SIDE EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 FRONT EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 BACK EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



1 SIDE EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

MATERIAL PERCENTAGES DRIVE THRU SIDE EXTERIOR ELEVATION		
TOTAL WALL AREA	723 SQ. FT.	100%
STUCCO - INKWELL	0 SQ. FT.	0%
STUCCO - SKYLINE STEEL	1441 SQ. FT.	199%
CARBON LEDGE STONE	252 SQ. FT.	35%
FIBERON COMPOSITE CLADDING	147 SQ. FT.	20%
FENESTRATION	95 SQ. FT.	13%
TRIMS	74 SQ. FT.	10%

MATERIAL PERCENTAGES FRONT EXTERIOR ELEVATION		
TOTAL WALL AREA	347 SQ. FT.	100%
STUCCO - INKWELL	0 SQ. FT.	0%
STUCCO - SKYLINE STEEL	0 SQ. FT.	0%
CARBON LEDGE STONE	162 SQ. FT.	47%
FIBERON COMPOSITE CLADDING	36 SQ. FT.	10%
FENESTRATION	113 SQ. FT.	33%
TRIMS	36 SQ. FT.	10%

MATERIAL PERCENTAGES BACK EXTERIOR ELEVATION		
TOTAL WALL AREA	357 SQ. FT.	100%
STUCCO - INKWELL	250 SQ. FT.	70%
STUCCO - SKYLINE STEEL	0 SQ. FT.	0%
CARBON LEDGE STONE	0 SQ. FT.	0%
FIBERON COMPOSITE CLADDING	0 SQ. FT.	0%
DOOR	24 SQ. FT.	7%
TRIMS	83 SQ. FT.	23%

MATERIAL PERCENTAGES SIDE EXTERIOR ELEVATION		
TOTAL WALL AREA	723 SQ. FT.	100%
STUCCO - INKWELL	0 SQ. FT.	0%
STUCCO - SKYLINE STEEL	144 SQ. FT.	20%
CARBON LEDGE STONE	252 SQ. FT.	35%
FIBERON COMPOSITE CLADDING	147 SQ. FT.	20%
FENESTRATION	95 SQ. FT.	13%
TRIMS	74 SQ. FT.	10%



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REV	DATE	DESCRIPTION
1	12/15/23	EXTERIOR REVISION
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TITLE: **EXTERIOR COLOR ELEVATIONS**

PROJECT ADDRESS:
306 S. MAIN ST.
ROLESVILLE, NC 27571
FRANCHISEE & STORE NUMBER:
SCOOTER'S COFFEE #562
P&S JAVA ENTERPRISES, INC.

KIOSK PROTOTYPE:
4.1 PROTOTYPE
MAY 2022
ISSUE DATE:
08/14/2023
PROJECT NO.
230522
DRAWN BY:
ANG, MD
CHECKED BY:
MD

SHEET NO.
A2.0

MATERIAL PERCENTAGES		
FRONT EXTERIOR ELEVATION		
TOTAL WALL AREA	347 SQ. FT.	100%
STUCCO - INKWELL	0 SQ. FT.	0%
STUCCO - SKYLINE STEEL	0 SQ. FT.	0%
CARBON LEDGE STONE	162 SQ. FT.	47%
FIBERON COMPOSITE CLADDING	36 SQ. FT.	10%
FENESTRATION	113 SQ. FT.	33%
TRIMS	36 SQ. FT.	10%

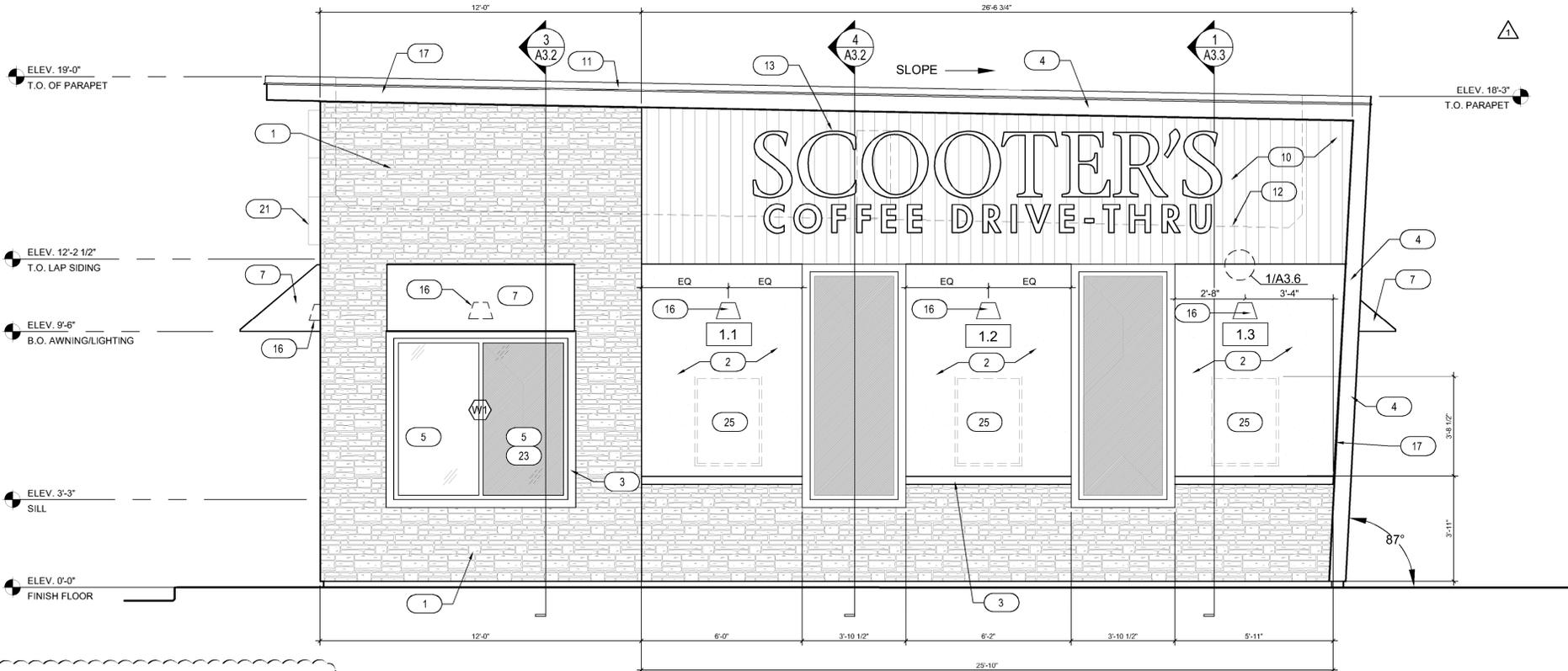
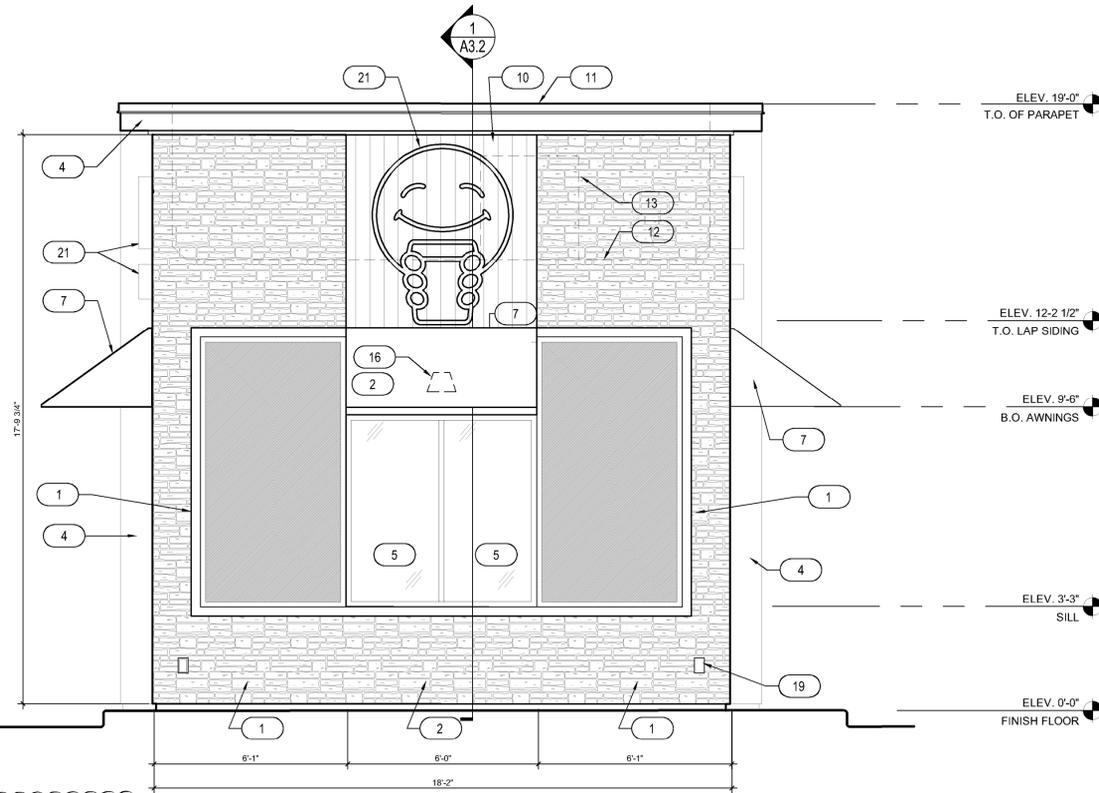
MATERIAL PERCENTAGES		
SIDE EXTERIOR ELEVATION		
TOTAL WALL AREA	723 SQ. FT.	100%
STUCCO - INKWELL	0 SQ. FT.	0%
STUCCO - SKYLINE STEEL	144 SQ. FT.	20%
CARBON LEDGE STONE	252 SQ. FT.	35%
FIBERON COMPOSITE CLADDING	147 SQ. FT.	20%
FENESTRATION	95 SQ. FT.	13%
TRIMS	74 SQ. FT.	10%

BLANK WALL SPACE

1.1	47.4 SQ FT
1.2	48.8 SQ FT
1.3	48.6 SQ FT
2.1	48.5 SQ FT
2.2	48.8 SQ FT
2.3	47.4 SQ FT
3.1	N/A PER CODE

1 FRONT EXTERIOR ELEVATION

SCALE: 3/8" = 1'-0"



2 SIDE EXTERIOR ELEVATION

SCALE: 3/8" = 1'-0"

KEYNOTES

- CARBON LEDGE STONE BY REALSTONE SYSTEMS
- STUCCO - COLOR: SHERWIN WILLIAMS SW1015 SKYLINE STEEL
- 3 1/2" TRIM - COLOR: SHERWIN WILLIAMS SW2848 ROYCROFT PEWTER
- METAL FASCIA - DARK BRONZE
- INSULATED DARK BRONZE ALUMINUM WINDOWS WITH DUAL PANE TEMPERED GLASS
- QUICKSERVE 48X48 WINDOW - COLOR: DARK BRONZE
- AWNING BY OTHERS - COLOR: RED
- INSULATED HOLLOW METAL DOOR & FRAME, PAINT SHERWIN WILLIAMS SW6992
- WIDE ANGLE PEEP HOLE, BY DOOR MANUFACTURER
- FIBERON COMPOSITE CLADDING
- PARAPET CAP FLASHING - DARK BRONZE
- LINE OF ROOF BEYOND
- AIR CONDENSER, SEE MECHANICAL DRAWINGS
- ROOF SCUPPER AND DOWNSPOUT, SEE DETAIL 8/A6.3
- MAILBOX BY GC BLACK
- WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
- LED LIGHT BAND, SEE ELECTRICAL DRAWINGS
- SES PANEL, SEE ELECTRICAL DRAWINGS
- ELECTRICAL OUTLETS, SEE ELECTRICAL DRAWINGS
- HOSE BIBB, SEE PLUMBING DRAWINGS
- PROPOSED SIGNAGE BY OTHERS, UNDER SEPARATE PERMIT
- CONNECT DOWNSPOUTS TO UNDERGROUND PIPING, REF. CIVIL
- SPANDREL GLASS
- NEW SECURITY CAMERA
- CUSTOMER PROVIDED SIGN PANELS. PANELS TO BE MOUNTED TO FASCIA BY GC (WHEN PROVIDED) IN CUSTOMER SPECIFIED LOCATION USING PROPER HARDWARE AND FASTENERS (NON-CORROSIVE)
- STUCCO - COLOR: SHERWIN WILLIAMS SW6993 INKWELL EGGSHELL FINISH
- STUCCO REVEAL



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TITLE:
EXTERIOR ELEVATIONS

PROJECT ADDRESS:
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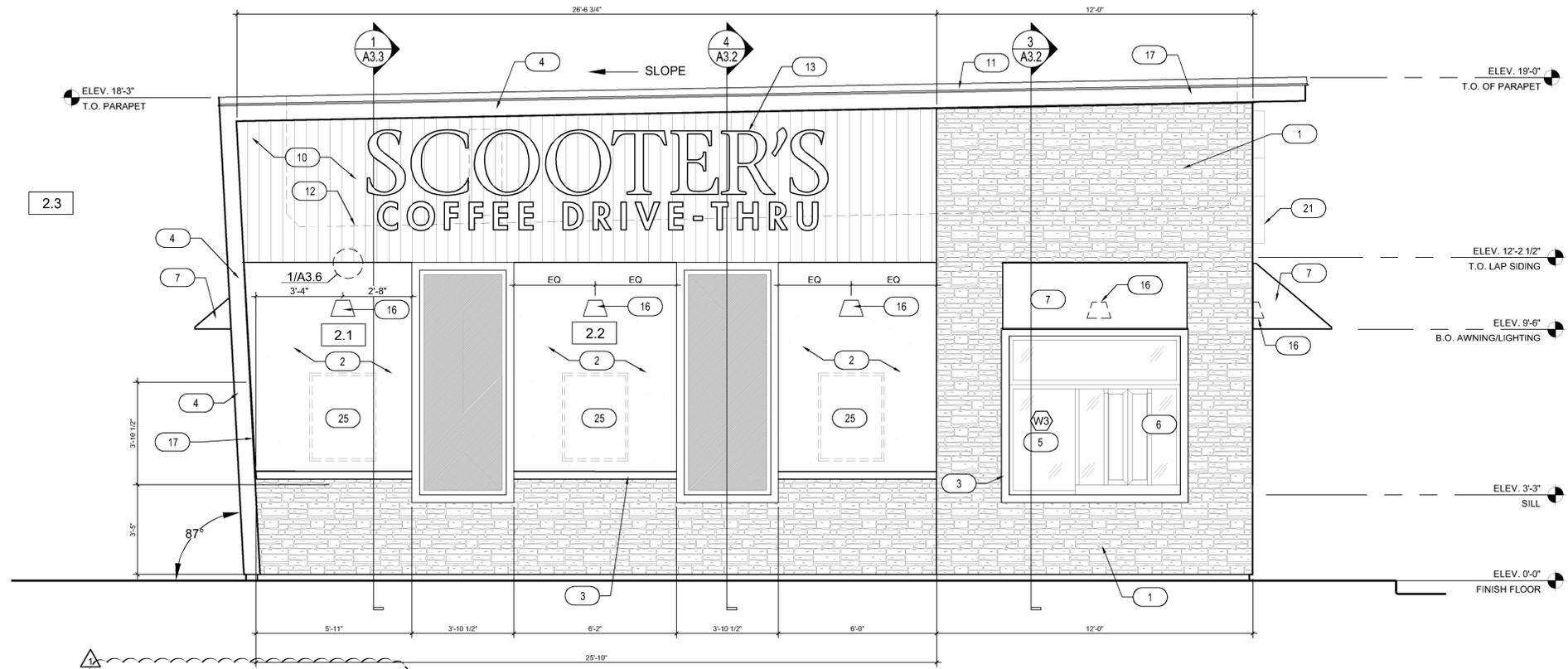
KIOSK PROTOTYPE:
 4.1 PROTOTYPE
 MAY 2022
 ISSUE DATE:
 08/14/2023
 PROJECT NO.
 230522
 DRAWN BY:
 NES, ANG
 CHECKED BY:
 SW

SHEET NO.

A2.1



- KEYNOTES**
- CARBON LEDGE STONE BY REALSTONE SYSTEMS
 - STUCCO - COLOR: SHERWIN WILLIAMS SW1015 SKYLINE STEEL
 - 3 1/2" TRIM - COLOR: SHERWIN WILLIAMS SW2848 ROYCROFT PEWTER
 - METAL FASCIA - DARK BRONZE
 - INSULATED DARK BRONZE ALUMINUM WINDOWS WITH DUAL PANE TEMPERED GLASS
 - QUICKSERVE 48X48 WINDOW - COLOR: DARK BRONZE
 - AWNING BY OTHERS - COLOR: RED
 - INSULATED HOLLOW METAL DOOR & FRAME, PAINT SHERWIN WILLIAMS SW6992
 - WIDE ANGLE PEEP HOLE, BY DOOR MANUFACTURER
 - FIBERON COMPOSITE CLADDING
 - PARAPET CAP FLASHING - DARK BRONZE
 - LINE OF ROOF BEYOND
 - AIR CONDENSER, SEE MECHANICAL DRAWINGS
 - ROOF SCUPPER AND DOWNSPOUT, SEE DETAIL 8/A6.3
 - MAILBOX BY GC BLACK
 - WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
 - LED LIGHT BAND, SEE ELECTRICAL DRAWINGS
 - SES PANEL, SEE ELECTRICAL DRAWINGS
 - ELECTRICAL OUTLETS, SEE ELECTRICAL DRAWINGS
 - HOSE BIBB, SEE PLUMBING DRAWINGS
 - PROPOSED SIGNAGE BY OTHERS, UNDER SEPARATE PERMIT
 - CONNECT DOWNSPOUTS TO UNDERGROUND PIPING, REF. CIVIL.
 - SPANDREL GLASS
 - NEW SECURITY CAMERA
 - CUSTOMER PROVIDED SIGN PANELS. PANELS TO BE MOUNTED TO FASCIA BY GC (WHEN PROVIDED) IN CUSTOMER SPECIFIED LOCATION USING PROPER HARDWARE AND FASTENERS (NON-CORROSIVE)
 - STUCCO - COLOR: SHERWIN WILLIAMS SW6993 INKWELL EGGSHELL FINISH
 - STUCCO REVEAL



1 SIDE EXTERIOR ELEVATION
SCALE: 3/8" = 1'-0"

BLANK WALL SPACE

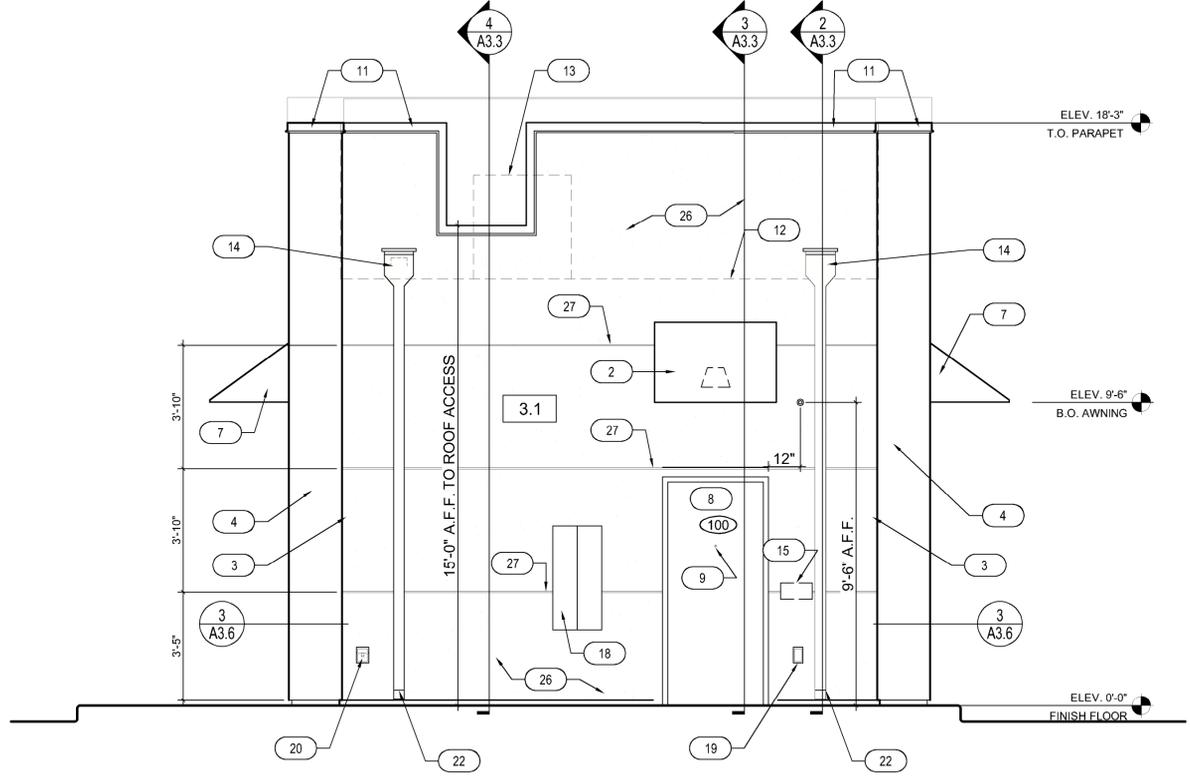
1.1	47.4 SQ FT
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1.3	48.6 SQ FT
2.1	48.5 SQ FT
2.2	48.8 SQ FT
2.3	47.4 SQ FT
3.1	N/A PER CODE

MATERIALPERCENTAGES
DRIVE THRU SIDE EXTERIOR ELEVATION

TOTAL WALL AREA	723 SQ. FT.	100%
STUCCO - INKWELL	0 SQ. FT.	0%
STUCCO - SKYLINE STEEL	1441 SQ. FT.	199%
CARBON LEDGE STONE	252 SQ. FT.	35%
FIBERON COMPOSITE CLADDING	147 SQ. FT.	20%
FENESTRATION	95 SQ. FT.	13%
TRIMS	74 SQ. FT.	10%

MATERIALPERCENTAGES
BACK EXTERIOR ELEVATION

TOTAL WALL AREA	357 SQ. FT.	100%
STUCCO - INKWELL	250 SQ. FT.	70%
STUCCO - SKYLINE STEEL	0 SQ. FT.	0%
CARBON LEDGE STONE	0 SQ. FT.	0%
FIBERON COMPOSITE CLADDING	0 SQ. FT.	0%
DOOR	24 SQ. FT.	7%
TRIMS	83 SQ. FT.	23%



2 BACK EXTERIOR ELEVATION
SCALE: 3/8" = 1'-0"

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TITLE:
EXTERIOR ELEVATIONS

PROJECT ADDRESS:
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ROLESVILLE, NC 27571

FRANCHISEE & STORE NUMBER:
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P&S JAVA ENTERPRISES, INC.

KIOSK PROTOTYPE:
4.1 PROTOTYPE
MAY 2022

ISSUE DATE:
08/14/2023

PROJECT NO.
230522

DRAWN BY:
NES, ANG

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SW

SHEET NO.

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