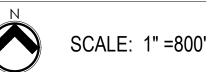
# BIG OAK VET HOSPITAL

# MASTER PLAN TOWN OF KNIGHTDALE TOK Project# ZCP-11-24





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PROPOSED S	ITE DATA	
PROPOSED		
PROJECT NAME	BIG OAK VET HOSPITAL	
PROPOSED USE	ANIMAL SERVICES, NON BOARDIN	١G
PARKING		
REQUIRED		
MAX: 6 PER 1,000 GFA	35 SPACES	
MIN: $\frac{1}{2}$ MAXIMUM	18 SPACES	
PROVIDED		
STANDARD SPACES	28 SPACES	
ADA SPACES	2 SPACES	
ELECTRIC CHARGING: 1 PER 40	2 SPACES	
TOTA	L 32 SPACES	
BICYCLE PARKING		
REQUIRED: 1 PER 40 SPACES (MIN. 2 SPACES)	2 SPACES	
PROVIDED: 1 PER 40 SPACES (MIN. 2 SPACES)	2 SPACES	
ТОТА	L 2 SPACES	
IMPERVIOUS SURFACE AREA		
EXISTING	11,239 SF	
PROPOSED		
BUILDING	5,815 SF	
CONCRETE	3,050 SF	
ASPHALT	15,847 SF	
TOTAL AREA PROPOSE	<b>D</b> 24,712 SF	
PERCENT OF THE SIT	E 53 %	
NET CHANGE OF IMPERVIOU	<b>s</b> 13,473 SF	
AREA FOR STORMWATER DEVICE		
PROVIDED	1,500 SF	

EXISTING SITE DATA							
EXISTING STREET ADDRESS	1004 BIG OAK COURT, KNIGHTDALE NC						
LOT AREA (CURRENT)	46,677 SF / 1.07 AC						
CURRENT ZONING	NMX						
PARCEL NUMBER	1744445693						
REID	0195735						
DEED BOOK / DEED PAGE	DB 017157, PG 02669						
EXISTING GROSS BUILDING AREA	1,652 SF						
EXISTING BUILDING USE	RESTAURANT						
EXISTING IMPERVIOUS AREA	11,239 SF						

# **WATER ALLOCATION TABLE**

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TOTAL	51			

# CONTACT INFORMATION

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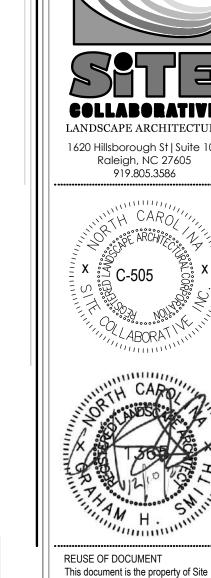
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without written authorization of Site

BIG OAK VET HOSPITA VETS PETS 1004 BIG OAK COURT

PROJECT NUMBER:

TOK PROJECT #: ZCP-11-24

project phase: MASTER PLAN

DATE: 08.11.2025

1. RESUBMITTAL 12.10.2025
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COVER SHEET

Sheet Number:

COV

# **DEMOLITION NOTES**

- THE CONTRACTOR SHALL NOTIFY THE N.C. ONE CALL CENTER AT 811 OR 1-800-632-4949 PRIOR TO STARTING WORK.
- 2. THE CONTRACTOR SHALL NOTIFY THE LOCAL GOVERNING PUBLIC UTILITIES DEPARTMENT PRIOR TO STARTING WORK.
- 3. ALL DEMOLITION, AND ANY SUBSEQUENT CONSTRUCTION, SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS SET FORTH AND APPROVED BY THE LOCAL GOVERNING MUNICIPALITY OR THE STATE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
- 4. THE CONTRACTOR SHALL NOT MAKE ANY LANE CLOSURES OR CHANGES TO THE EXISTING TRAVEL PATTERNS ON ANY PUBLIC STREET WITHOUT PRIOR APPROVAL FROM THE LOCAL GOVERNING MUNICIPALITY TRANSPORTATION DEPARTMENT AND/OR STATE TRANSPORTATION DEPARTMENT.
- 5. LANE CLOSURE, TRAFFIC CONTROL PLAN, OR PEDESTRIAN CONTROL PLAN TO BE COORDINATED WITH APPROPRIATE STAFF OF THE LOCAL GOVERNING MUNICIPALITY AND/OR STATE DEPARTMENT OF TRANSPORTATION PRIOR TO ANY CONSTRUCTION IN PUBLIC RIGHT-OF-WAY.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL REQUIREMENTS REGARDING REMOVAL AND DISPOSAL OF MATERIALS AND DEBRIS.
- 7. CONTRACTOR SHALL REFER TO CIVIL SHEETS FOR SANITARY SEWER AND WATER REMOVALS AND RELOCATIONS.
- 8. RELOCATION OF EXISTING UTILITIES TO BE COORDINATED WITH THE LOCAL UTILITY PROVIDER(S).
- 9. WHERE UTILITIES (TO BE REMOVED) IMPACT THE FOOTPRINT OF THE NEW BUILDING, CONTRACTOR SHALL EXCAVATE AND REMOVE AN ADDITIONAL 2 FEET OF SOILS TO EITHER SIDE OF PIPE, AND 1 FOOT BELOW TO REMOVE UNSUITABLE SOILS, IF UNSUITABLE SOILS EXIST.
- 10. CLEANOUTS LOCATED IN AREAS OF DEMOLITION OR SUBSEQUENT CONSTRUCTION THAT ARE TO REMAIN, SHALL BE PROTECTED FROM DAMAGE AND RAISED TO FLUSH WITH NEW GRADE.
- 11. ELECTRICAL OR GAS UTILITY SERVICES TO BE REMOVED SHALL BE REMOVED AND RELOCATED (AS INDICATED) BY THE UTILITY PROVIDER. CONTRACTOR SHALL SCHEDULE AND COORDINATE THIS WORK WITH THE APPROPRIATE SERVICE PROVIDER. ALL SERVICES SHOULD BE RE-INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT, SIDEWALKS, CURB AND GUTTER, OR OTHER PERMANENT FEATURES.
- 12. REMOVE EXISTING CONCRETE (WHERE REQUESTED) TO FIRST COLD JOINT OR SAWCUT JOINT TO OBTAIN A CLEAN EDGE FOR NEW CONSTRUCTION. SAWCUT EXISTING ASPHALT DRIVE AT LIMITS OF NEW CURBING TO OBTAIN A CLEAN EDGE.
- 13. CONTRACTOR SHALL RETAIN AND STOCKPILE CONCRETE WHEELSTOPS WHICH ARE IN USEABLE CONDITION FOR RE-INSTALLATION AT THE END OF THE PROJECT.
- 14. CONTRACTOR SHALL RESTORE THE LAYDOWN AND STAGING AREA TO ORIGINAL CONDITIONS AND TO THE SATISFACTION OF THE OWNER, PRIOR TO DEMOBILIZATION AT THE CONCLUSION OF THE PROJECT.
- 15. CLEAN SOILS SHALL BE UTILIZED FOR BACKFILL. COMPACTION OF THESE SOILS PERFORMED IN ACCORDANCE WITH SPECIFICATIONS, GEOTECHNICAL REPORT, AND SITE PLAN.
- 16. ALL FENCING TO BE REMOVED SHALL BE REMOVED AT NEXT NEAREST POLE.
- 17. ALL GRAVEL TO BE REMOVED (SURFACE OR SUBSURFACE) SHALL BE STOCKPILED AND REUSED ON SITE WHERE POSSIBLE.
- 18. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE REMOVED COMPLETELY, INCLUDING ALL SUBGRADE MATERIALS DIRECTLY ASSOCIATED WITH ITEMS TO BE REMOVED.
- 19. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF LEGALLY OFFSITE UNLESS OTHERWISE NOTED ON THIS PLAN.
- 20. ALL TREES TO BE REMOVED SHALL BE GROUND DOWN TO A MINIMUM DEPTH OF 12" BELOW PROPOSED FINISH GRADE.
- 21. ALL TREE PROTECTION FENCING SHALL REMAIN IN PLACE DURING DEMOLITION AND CONSTRUCTION.
- 22. CONTRACTOR SHALL NOT STOCKPILE SOILS OR CONSTRUCTION EQUIPMENT WITHIN ROOT ZONES OF EXISTING TREES TO REMAIN. ANY DAMAGED TREES SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.

# **GRADING NOTES**

- 1. ORIGINAL EXISTING CONDITIONS SHOWN AS 'EXISTING' IN THIS PLAN SET HAS BEEN COMPILED FROM SURVEY DATA PROVIDED BY JAECO. CONTRACTOR TO FIELD VERIFY ALL INFORMATION AND REPORT ANY DISCREPANCIES.
- 2. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- 3. ALL PAVEMENTS TO SLOPE POSITIVELY AWAY FROM ALL BUILDINGS. PONDING OF WATER IS PROHIBITED.
- 4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF EROSION CONTROL METHODS DURING CONSTRUCTION, AND THE OWNER IS RESPONSIBLE FOR MAINTENANCE OF ALL PERMANENT EROSION CONTROL METHODS AFTER CONSTRUCTION IS COMPLETE, IF ANY PERMANENT METHODS ARE REQUIRED.
- 5. CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL DEVICES SHALL CONFORM TO THE STANDARDS SET FORTH IN THE CITY OF RALEIGH EROSION AND SEDIMENT CONTROL MANUAL.
- 6. INSPECTOR REFERS TO AUTHORIZED REGULATORY AGENCY SEDIMENTATION AND EROSION CONTROL INSPECTOR OR HIS/HER REPRESENTATIVE. FIELD INSPECTIONS MAY REQUIRE ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES AS DEEMED NECESSARY BY THE INSPECTOR, CLIENT, AND/OR CLIENT'S REPRESENTATIVES.
- 7. WHEN HAND PLANTING, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.
- SLOPES THAT ARE 4:1 OR STEEPER, MULCH WILL BE ANCHORED.

8. DURING UNSUITABLE GROWING SEASONS, MULCH WILL BE USED AS A TEMPORARY COVER ON

- 9. EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. PLEASE CALL THE REGULATORY AUTHORITY FOR AN INSPECTION.
- 10. INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES EVERY 7 DAYS AND AFTER EACH SIGNIFICANT RAINFALL (0.5 INCHES OR GREATER) AND DOCUMENT WITH INSPECTION REPORTS.
- 11. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE.
- 12. LOCATE STOCKPILES UPSLOPE FROM EROSION CONTROL MEASURES. ALL SOIL STOCK PILES SHALL HAVE APPROPRIATE EROSION CONTROL PER THE LATEST VERSION OF THE CITY OF RALEIGH EROSION AND SEDIMENT CONTROL MANUAL INCLUDING SEEDING AND SILT FENCE AROUND THE BASE OF THE STOCK PILE.

# **GENERAL SITE NOTES**

- 1. ALL CONSTRUCTION IN RIGHT-OF-WAY PER TOWN OF KNIGHTDALE STANDARD
- 2. SIDEWALKS ALONG RIGHT-OF-WAY ARE PUBLIC AND MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, HAVE LOW VISION AND PEOPLE WITH MOBILITY DISABILITIES. EXISTING PEDESTRIAN ROUTES AND ALTERNATE PEDESTRIAN ROUTES DURING CONSTRUCTION ARE REQUIRED TO BE COMPLIANT WITH THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 3. ALL PAVEMENTS TO SLOPE POSITIVELY AWAY FROM ALL BUILDINGS.PONDING OF WATER IS PROHIBITED.
- 4. PROVIDE CONSTRUCTION JOINTS IN CONCRETE WALKWAYS AS SHOWN IN PLANS. IF NOT SHOWN ON PLANS MAX SPACING @ 10'
- 5. THROUGHOUT PROJECT SITE, ALL DIMENSIONS TO BE FIELD VERIFIED. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCY. ALL DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING, TO CENTERLINE, CENTER TO CENTER ON STRIPES, AND/OR FACE OF CURB, UNLESS OTHERWISE NOTED.
- BUILDING AND PUBLIC ROADWAY STAKE OUT SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR.
- 7. GUARDRAILS MUST BE INSTALLED ON THE OPEN SIDES OF ELEVATED WALKING SURFACES THAT EXCEED 30 INCHES IN HEIGHT. ALL GUARDRAILS MUST BE A MINIMUM HEIGHT OF 42 INCHES ABOVE THE LEADING EDGE OF THE TREAD OR WALKING SURFACE. GUARDRAILS SHALL HAVE BALUSTERS SUCH THAT A 4 INCH DIAMETER SPHERE CANNOT PASS THROUGH ANY OPENING UP TO A HEIGHT OF 34 INCHES. FROM 34 INCHES TO 42 INCHES ABOVE THE WALKING SURFACE, A 8 INCH DIAMETER SPHERE SHALL NOT PASS.
- 8. THE CONTRACTOR, AT ALL TIMES, MUST KEEP THE PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIALS OR RUBBISH CAUSED BY THE CONTRACTOR, THE CONTRACTOR'S EMPLOYEES OR THE CONTRACTOR'S SUBCONTRACTOR. ALL DEBRIS SHALL BE REMOVED FROM THE PROJECT SITE ON A DAILY BASIS.
- 9. IF DEPARTURES FROM THE DRAWINGS OR SPECIFICATIONS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES FROM THE CONTRACT DOCUMENTS SHALL BE MADE WITH THE EXPRESS WRITTEN PERMISSION OF THE OWNER.
- 10. LANDSCAPE ARCHITECT AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND/OR METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- 11. EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE, ARE BASED ON A FIELD DATA PROVIDED TO LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES, UNDERGROUND LINES, AND STRUCTURES AS NECESSARY TO AVOID DAMAGING OR DESTROYING EXISTING SERVICES.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE ACTUAL AND EXACT LOCATION, SIZE, AND MATERIAL COMPOSITION OF ANY EXISTING WATER OR SEWER SERVICE PROPOSED FOR CONNECTION OR USE ON THIS PROJECT. THE RELOCATION OF ANY UTILITY SERVICES REQUIRED TO COMPLETE ANY PORTION OF THESE CONSTRUCTION PLANS.
- 13. CONTRACTOR SHALL MAINTAIN AN "AS BUILT" SET OF DRAWINGS TO RECORD ANY FIELD CHANGES, ALONG WITH ANY PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER AT THE END OF THE PROJECT.
- 14. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMITS AS ISSUED, AND ANY AND ALL APPLICABLE STATE, COUNTY AND LOCAL CODES.
- 15. EXISTING IMPROVEMENTS DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED OR RESTORED TO THEIR ORIGINAL CONDITION, AND TO THE SATISFACTION OF THE OWNER OF THE IMPROVEMENTS.
- 16. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, AND/OR ANY OTHER REQUIREMENTS WHICH MUST BE MET UNDER CONTRACT.
- 17. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR DETAILS OF BUILDINGS AND BUILDING DIMENSIONS.
- 18. CONTRACTOR SHALL COORDINATE CONSTRUCTION OF ALL UNDERGROUND UTILITIES FOR THIS PROJECT WITH THE OWNER'S REPRESENTATIVE PER ALL APPLICABLE REGULATIONS.
- 19. CONTRACTOR SHALL COORDINATE WITH OTHER CONTRACTOR'S ON SITE AND UTILITY PROVIDERS DURING CONSTRUCTION TO ENSURE SMOOTH TRANSITION BETWEEN DISCIPLINES.
- 20. ALL DEMOLITION, AND ANY SUBSEQUENT CONSTRUCTION, SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS SET FORTH AND APPROVED BY THE CITY OF RALEIGH. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS. ALL TREE PROTECTION FENCING SHALL REMAIN IN PLACE DURING CONSTRUCTION.
- 21. TRAFFIC CONTROLS FOR ANY UTILITY WORK WITHIN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED IN COMPLIANCE WITH STANDARDS OF THE NORTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 22. ALL CROSSWALK MARKINGS WITHIN RIGHT-OF-WAY SHALL BE CONSTRUCTED OF THERMOPLASTIC MATERIALS AND CONSTRUCTED IN ACCORDANCE WITH NCDOT SPECIFICATIONS. CONTRACTOR TO INSTALL CROSSWALKS IN SUCH A MANNER THAT CROSSWALKS ARE ALIGNED BETWEEN HANDICAP/WALKWAY ACCESS POINTS OR PERPENDICULAR TO THE ROADWAY / DRIVE LANE.
- 23. ALL SIGNS AND PAVEMENT MARKINGS ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) AND NCDOT STANDARDS.
- 24. ALL SIGNS SHALL USE PRISMATIC SHEETING THAT MEETS MINIMUM RETROREFLECTIVITY STANDARDS FOUND IN THE LATEST EDITION OF THE MUTCD.

# PLANTING NOTES

- ROUGH GRADING TO BE COMPLETED PRIOR TO THE START OF PLANT INSTALLATION. SUBSTANTIAL COMPLETION SIGN-OFF BY LANDSCAPE ARCHITECT CONTRACTOR TO ENSURE NO CHANNELIZED FLOWS AROUND THE SITE.
- 2. CONTRACTOR RESPONSIBLE FOR LOCATING ALL UTILITIES AND UNDERGROUND IMPEDIMENTS PRIOR TO BEGINNING PLANTING.
- 3. ALL WEEDS, NON-NATIVE INVASIVE SPECIES, AND EXOTIC SPECIES LOCATED WITHIN THE PROJECT CONTRACTOR LIMITS SHALL BE ELIMINATED PRIOR TO PLANTING BED CREATION, PLANTING, AND SEEDING/SODDING OPERATIONS.
- 4. PLANTING SHOULD OCCUR IMMEDIATELY AFTER CONSTRUCTION TO STABILIZE AREAS OF BARE SOIL.
- 5. IT SHALL BE NOTED THAT ALL SECTIONS OF THE SITE THAT ARE SLOPED 3:1 OR HIGHER WILL BE COVERED WITH EROSION CONTROL STABILIZATION COIR FABRIC (WITH 1" SQUARE OPENINGS) PRIOR TO PLANTING TO ENSURE IMMEDIATE STABILIZATION. LANDSCAPE CONTRACTOR SHALL CUT FABRIC AT EACH PLANT LOCATION AND PLACE PLANTS ACCORDING TO PLAN. ALL FABRIC SHALL BE RE-STAKED PER ENGINEERS ORIGINAL DRAWINGS IMMEDIATELY AFTER PLANTING.
- 6. PLANTS ARE TO BE PURCHASED BY BOTANICAL NAMES. THEY SHALL BE REPRESENTATIVE OF THEIR SPECIES, MEET ALL NOTED CONDITIONS OF SPECIFICATIONS, AND SHALL BE IN VIGOROUS GROWING CONDITION MEETING ANSI STANDARD Z60.
- 7. LANDSCAPE ARCHITECT OR OWNER MAINTAINS RIGHT TO REJECT ANY PLANT DUE TO AESTHETICS OR STRUCTURAL DEFICIENCY AT ANY TIME.
- 8. CONTRACTOR RESPONSIBLE FOR FURNISHING AND INSTALLING ALL PLANTS SHOWN ON PLANS IN LOCATIONS SHOWN. QUANTITIES GIVEN ON THE PLANT LEGEND ARE FOR CONTRACTOR'S CONVENIENCE ONLY. IF DISCREPANCIES OCCUR, THE PLANS SHALL OVERRULE THE PLANT LEGEND. CONTRACTOR SHALL LOCATE ALL PLANTS AWAY FROM KNOWN PERMANENT FIXTURES. IF CONFLICT ARISES WITH PLAN, CONTRACTOR SHALL NOTIFY PROJECT MANAGER OR DESIGNEE PRIOR TO PROCEEDING.
- 9. ALL PLANT MATERIAL SHALL CONFORM TO OR EXCEED THE AMERICAN STANDARD FOR NURSERY STOCK (LATEST EDITION) AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- 10. ALL PLANT MATERIAL SHALL BE FREE OF ALL PESTS, DISEASES, AND CANKERS, IN HEALTHY CONDITION, AND FREE OF MECHANICAL DAMAGE AT THE TIME OF PLANTING.
- 11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE A HEALTHY AND VIABLE PLANT AND THE PLANT SHALL BE REJECTED IF DEEMED UNHEALTHY OR UNFIT AT ANY TIME DURING THE CONTRACT OR WARRANTY DURATION.
- 12. IF ANY PLANT/MATERIAL SUBSTITUTIONS ARE REQUESTED BY CONTRACTOR, THEN NOTICE SHALL BE GIVEN TO PROJECT MANAGER OR DESIGNEE AT MINIMUM SEVENTY-TWO (72) HOURS (NOT INCLUDING WEEKENDS) PRIOR TO DESIRED ORDERING DATE/TIME. WHEN SUBSTITUTIONS ARE REQUESTED BY CONTRACTOR, SUGGESTED ACCEPTABLE REPLACEMENTS SHALL ALSO BE PRESENTED AT TIME FOR FULL AND COMPLETE REVIEW BY LANDSCAPE ARCHITECT OR OWNER.
- 13. BALLED AND BURLAPPED PLANTS/TREES TO BE PLANTED PRIOR TO CONTAINER OR BEDDING PLANTS.
- 14. BALLED AND BURLAPPED MATERIAL SHALL COMPLY WITH THE FOLLOWING GUIDELINES: 14.1. TREES DESIGNATED B&B SHALL BE PROPERLY DUG WITH FIRM, NATURAL BALLS OF SOIL RETAINING AS MANY FIBROUS ROOTS AS POSSIBLE, IN SIZES AND SHAPES AS SPECIFIED IN THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1.
- 14.2. ROOT BALLS SHALL BE FIRMLY WRAPPED WITH NONSYNTHETIC, ROTTABLE BURLAP AND SECURED WITH NAILS AND HEAVY, NONSYNTHETIC TWINE.
   14.3. ROOT COLLAR SHALL BE APPARENT AT SURFACE OF BALL, OR THE CONTRACTOR WI
- 14.3. ROOT COLLAR SHALL BE APPARENT AT SURFACE OF BALL, OR THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING EXCESS SOIL FROM THE TOP OF THE ROOTBALL.

  14.4. REMOVE ALL BURLAP, LACING, AND WIRE BASKET FROM AT LEAST THE TOP 1/2 OF THE
- ROOTBALL AND DISCARD FROM PLANTING HOLE.

  14.5. DO NOT MANEUVER BY TRUNK. HANDLE BY ROOT BALL ONLY.
- 15. CONTAINERIZED PLANTS SHALL COMPLY WITH THE FOLLOWING GUIDELINES:
  15.1. MATERIAL SHALL HAVE FIRM, NATURAL BALLS OF SOIL RETAINING AS MANY FIBROUS
  ROOTS AS POSSIBLE, IN SIZES AND SHAPES AS SPECIFIED IN THE AMERICAN STANDARD
  FOR NURSERY STOCK ANSI Z60.1
- 15.2. ROOT COLLAR SHALL BE APPARENT AT SURFACE OF BALL, OR THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING EXCESS SOIL FROM THE TOP OF THE ROOTBALL.

  15.3. REMOVE CONTAINER PRIOR TO PLANTING.
- 16. TREES TO BE STAKED WILL BE DESIGNATED BY THE LANDSCAPE ARCHITECT. TREE STAKING FOR CANOPY AND LARGE EVERGREEN TREES SHALL NOT EXCEED 90 DAYS.
- 17. PLANT BED PREPARATION:
- 17.1. ALL PLANT BEDS ARE TO RECEIVE A MINIMUM OF 4" OF APPROVED TOPSOIL TILLED IN TO A DEPTH OF 8" TO ENSURE INTEGRATION WITH EXISTING SOIL.
- 17.2. APPROVED TOPSOIL IS TO BE PREFERABLY FROM ON-SITE STOCKPILE FROM STRIPPING OPERATIONS SEE EROSION AND SEDIMENT CONTROL PLANS.
- 17.3. IF ON-SITE TOPSOIL IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE TO SITE ACCORDINGLY.
- 18. ALL MULCH TO BE CERTIFIED TO BE FREE OF WEEDS, NON-NATIVE INVASIVE SPECIES AND THEIR LARVAE. MULCH SAMPLE SUBMITTAL SHALL BE PROVIDED TO LANDSCAPE ARCHITECT BEFORE SITE DELIVERY.

# SEEDING/SODDING NOTES

- 1. ROUGH GRADING TO BE COMPLETED PRIOR TO THE START OF PLANT INSTALLATION. SUBSTANTIAL COMPLETION SIGN-OFF BY LANDSCAPE ARCHITECT CONTRACTOR TO ENSURE NO CHANNELIZED FLOWS AROUND THE SITE.
- 2. ALL SEEDED/SODDED AREAS SHALL BE FINISHED GRADE AT THE THICKNESS OF THE SOD.
- 3. NO SEEDED/SODDED AREAS SHALL BE SODDED UNTIL ALL OTHER CONSTRUCTION ACTIVITIES, INCLUDING PLANTING AND MULCHING HAVE OCCURRED AND LANDSCAPE ARCHITECT HAS REVIEWED THE FINAL GRADING.
- 4. SOD AREAS WILL BE ACCEPTED WHEN IN COMPLIANCE WITH ALL THE FOLLOWING CONDITIONS:
- 4.1. ROOTS ARE THOROUGHLY KNIT TO THE SOIL
- 4.2. ABSENCE OF VISIBLE JOINTS
- 4.3. ALL AREAS SHOW A UNIFORM STAND OF SPECIFIED GRASS IN HEALTHY CONDITION4.4. AT LEAST 30 DAYS HAVE ELAPSED SINCE THE COMPLETION OF WORK UNDER THIS SECTION.

# 5. QUALITY GUARANTEE:

- 5.1. SOD SHALL BE UNIFORM IN COLOR, LEAF TEXTURE, LEAF AND ROOD DENSITY, AND FREE FROM WEED, DISEASES, AND OTHER VISIBLE IMPERFECTIONS AT TIME OF FINAL ACCEPTANCE. GUARANTEE DOES NOT COVER DAMAGE AS A RESULT OF FERTILIZERS, PESTICIDES, OR OTHER APPLICATIONS NOT SUPERVISED BY THE CONTRACTOR OR AS A RESULT OF ACTS OF GOD OR VANDALISM.
- 5.2. SEED SHALL BE UNIFORM IN COLOR, LEAF TEXTURE, LEAF AND ROOT DENSITY, AND FREE FROM WEED, DISEASES, AND OTHER VISIBLE IMPERFECTIONS AT TIME OF FINAL ACCEPTANCE. GUARANTEE DOES NOT COVER DAMAGE AS A RESULT OF FERTILIZERS, PESTICIDES, OR OTHER APPLICATIONS NOT SUPERVISED BY THE CONTRACTOR OR AS A RESULT OF ACTS OF GOD OR VANDALISM.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE SEED/SOD IS PROPERLY IRRIGATED DURING THE GROW-IN PERIOD AND SHALL BE RESPONSIBLE IF THE SOD SUFFERS IRREPARABLE HARM.
- 7. SEED/SOD IS SUBJECT TO INSPECTION AND ACCEPTANCE. LANDSCAPE ARCHITECT AND/OR CLIENT RESERVES THE RIGHT TO REJECT AT ANY TIME OR PLACE PRIOR TO ACCEPTANCE, ANY WORK AND SOD WHICH IN THE LANDSCAPE ARCHITECTS OPINION FAILS TO MEET THESE SPECIFICATIONS REQUIREMENTS.

# 8. SOD STANDARDS:

- 8.1. GENERAL: HEALTHY, THICK TURF HAVING UNDERGONE A PROGRAM OF REGULAR FERTILIZATION, MOWING AND WEED CONTROL; FREE OF OBJECTABLE WEEDS; UNIFORM IN GREEN COLOR, LEAF TEXTURE AND DENSITY; HEALTHY, VIGOROUS ROOT SYSTEM; INSPECTED AND FOUND FREE OF DISEASE, NEMATODES, PEST AND PEST LARVAE BY THE ENTOMOLOGIST OF THE STATE DEPARTMENT OF AGRICULTURE.
  8.2. EACH PIECE OF SOD: SANDY-LOAM SOIL BASE THAT WILL NOT BREAK, CRUMBLE OR
- TEAR DURING SOD INSTALLATION.
- 8.3. THICKNESS: MINIMUM 3/4" THICK, EXCLUDING THE TOP GROWTH THATCH.
- 8.4. THATCH: NOT TO EXCEED 1/2" UNCOMPRESSED.8.5. SIZE: CUT IN STRIPS 18" WIDE NO MORE THAN 24 HOURS PRIOR TO DELIVERY.
- 9. SOD DELIVERY, STORAGE AND HANDLING GUIDELINES ARE AS FOLLOWS:
- 9.1. SOD SHALL BE DELIVERED ON PALLETS PROPERLY LOADED ON VEHICLES AND WITH ROOT SYSTEM PROTECTED FROM EXPOSURE TO SUN, WIND, AND HEAT IN ACCORDANCE WITH STANDARD PRACTICE AND LABELED WITH BOTANICAL AND COMMON NAME OF EACH GRASS SPECIES IN ACCORDANCE WITH FEDERAL SEED ACT. SOD THAT HAS BEEN DAMAGED BY POOR HANDLING OR IMPROPER STORAGE IS
- SUBJECT TO REJECTION BY THE LANDSCAPE ARCHITECT OR OWNER.

  9.2. PROTECT FROM DEHYDRATION, CONTAMINATION, FREEZING AND HEATING AT ALL TIMES. KEEP STORED SOD MOIST AND UNDER SHADE OR COVERED WITH MOISTENED BURLAP.
- 9.3. DO NOT DROP SOD ROLLS FROM CARTS, TRUCKS OR PALLETS.
- 9.4. DO NOT DELIVER MORE SOD THAN CAN BE INSTALLED WITHIN 36 HOURS.
- 9.5. DO NOT STACK SOD MORE THAN 2 FEET DEEP.

# 10. SEED/SODDED BED PREPARATION:

- 10.1. ALL DEBRIS, ROCKS, ETC. LARGER THAN .5" ARE TO BE REMOVED PRIOR TO SEEDING/SODDING OR PLANTING.
- 10.2. ALL AREAS TO BE SEEDED/SODDED ARE TO RECEIVE A MINIMUM OF 2" OF APPROVED
- TOPSOIL TILLED INTO A DEPTH OF 4" TO ENSURE INTEGRATION WITH EXISTING SOIL. 10.3. APPROVED TOPSOIL IS TO BE PREFERABLY FROM ON-SITE STOCKPILE FROM
- STRIPPING OPERATIONS SEE EROSION AND SEDIMENT CONTROL PLANS.

  10.4. IF ON-SITE TOPSOIL IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE TO SITE



Raleigh, NC 27605

919.805.3586





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BIG OAK VET HOSPIT
VETS PETS
1004 BIG OAK COURT

TOK PROJECT #:
ZCP-11-24

PROJECT NUMBER:

PROJECT PHASE:

MASTER PLAN

DATE: 08.11.2025

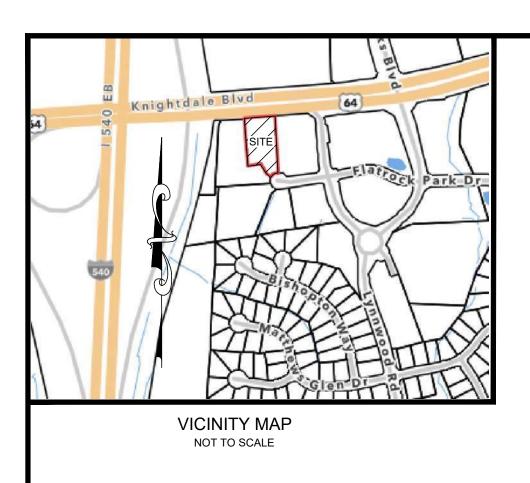
1. RESUBMITTAL 12.10.2025

STANDARD NOTES

. . . . .

SHEET NUMBER

SHEET TITLE:



SITE DATA LOT 2

STONE & HIXSON REAL ESTATE LLC

4117 GARDENLAKE DR RALEIGH, NC 27612

SITE ADDRESS 401 HILLSBOROUGH ST RALEIGH, NC 27603

PIN 1744445693

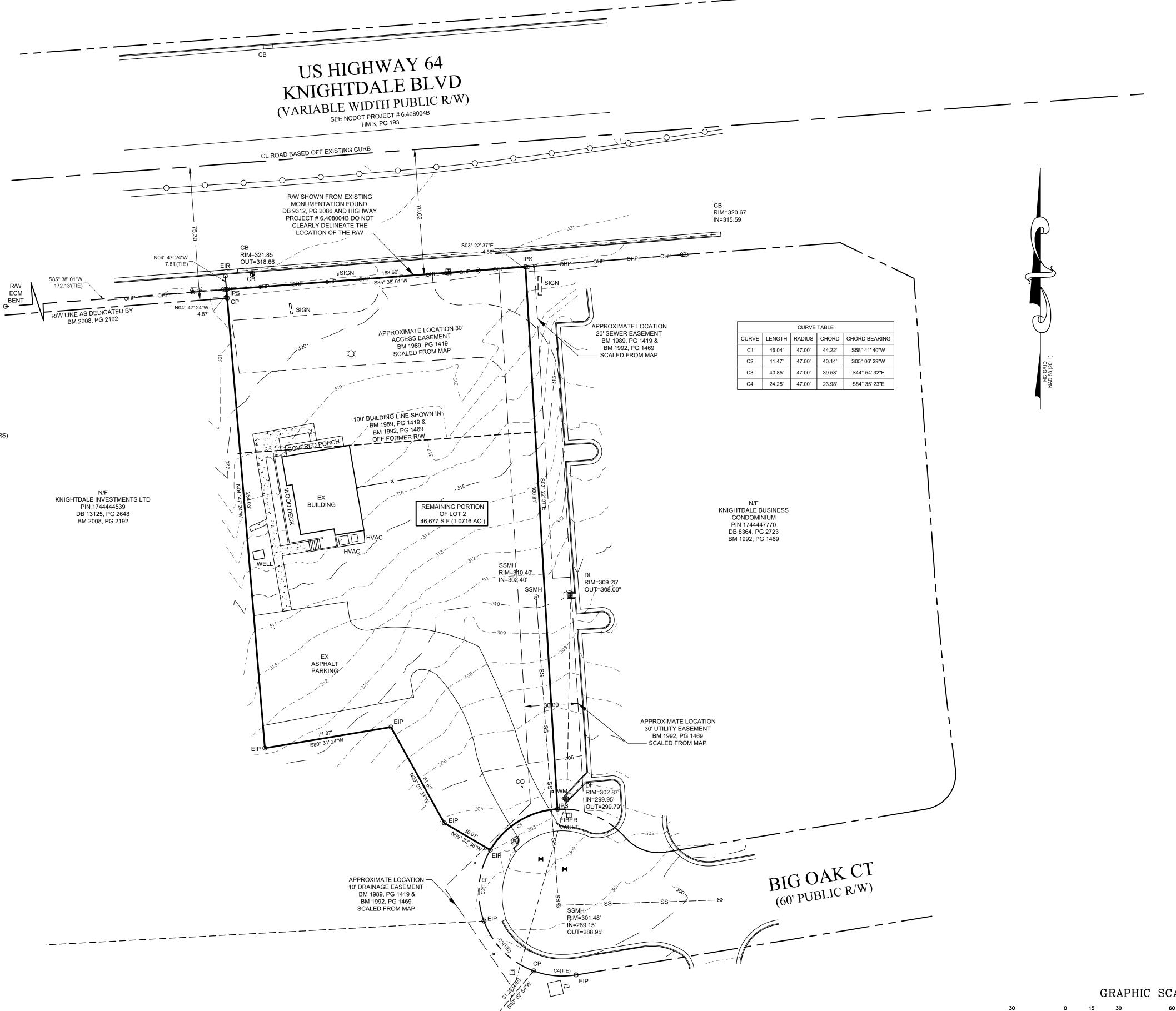
REFERENCES DB 17151, PG 2669 BM 1994, PG 840 DB 9312, PG 2086

AREA 46,677 S.F. (1.0716 AC.)

ZONING N

# NOTES:

- ALL DISTANCES ARE HORIZONTAL GROUND.
- 2. ALL DIMENSIONS ARE IN FEET.
- 3. AREA COMPUTED USING COORDINATE METHOD FROM MEASURED FIELD DATA.
- 5. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY BE SUBJECT TO ANY MATTERS THAT A FULL TITLE SEARCH WOULD DISCLOSE.
- 6. BASIS OF BEARINGS IS NORTH CAROLINA GRID NORTH, NAD83(2011). THE SITE WAS LOCALIZED UTILIZING REAL-TIME KINEMATIC (RTK) GLOBAL POSITIONING SYSTEM (GPS) SOLUTIONS REFERENCING THE CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK BASE STATION NCRD, RALEIGH, NC.
- 7. ALL REFERENCE ARE MADE TO THE WAKE COUNTY REGISTRY.
- 8. HORIZONTAL DATUM IS NAD 83(2011) AND VERTICAL DATUM IS NAVD 88

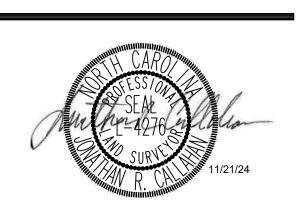




JOHN A. EDWARDS & COMPANY
Consulting Engineers
and Land Surveyors

NC License F-0289 333 Wade Ave., Raleigh, N.C. 27605 Phone: (919) 828-4428 Fax: (919) 828-4711 E-mail: info@jaeco.com

www.jaeco.com



Project

1004 BIG OAK CT KNIGHTDALE, NC 27545

SITE COLLABORATIVE 1620 HILLSBOROUGH ST STE 100 RALEIGH, NC 27605

LEGEND  BM  DB  PG  N/F  R/W  EIP  EMAG  IPS  MAGS  CP  SS  CO  HC  ST  TF  CB  WV  DI  CONC  SSMH  WM  LP  GM  TP  FH  PP  FCP  EBOX	BOOK OF MAPS DEED BOOK PAGE NOW OR FORMERLY RIGHT OF WAY EXISTING IRON PIPE EXISTING MAG NAIL IRON PIPE SET MAG NAIL SET COMPUTED POINT SANITARY SEWER SANITARY SEWER CLEAN OUT HANDICAPPED STORM TRANSFORMER STORM CATCH BASIN WATER VALVE DROP INLET CONCRETE SANITARY SEWER WATER METER LIGHT POLE GAS METER TELEPHONE PEDESTAL FIRE HYDRANT POWER POLE BACK FLOW PREVENTER REINFORCED CONCRETE PIPE ELECTRICAL BOX	
XXX	DENOTES CONCRETE DENOTES ADDRESS	
	PROPERTY LINE RIGHT OF WAY LINE PROP. LINE NOT SURVE EASEMENT LINE OHP OVERHEAD POWERLINE FH LP WV S S	

EXISTING CONDITIONS SURVEY

 $lackbox{lackbox{}}{lackbox{}{lackbox{}}{lackbox{}}}}}}}}} lackbox{lackbox{}} lackbox{lackbox{}{lackbox{}{lackbox{}{lackbox{}}{lackbox{}}{lackbox{}}}}} lackbox{lackbox{}}} lackbox{lackbox{}} lackbox{lackbox{}}{lackbox{}}} lackbox{lackbox{}} lackbox{lackbox{}}{lackbox{}}} lackbox{lackbox{}} lackbox{lackbox{}}{lackbox{}}} lackbox{lackbox{}} lackbox{lackbox{}}} lackbox{lackbox{}} lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{}} lackbox{lackbox{}} lackbox{lackbox{lackbox{}} lackbox{lackbox{}} lackbox{lackbox{}} lackbox{$ 

T (C VISIOII		
Number	Description	Date

Drawing Scale 1" =30'

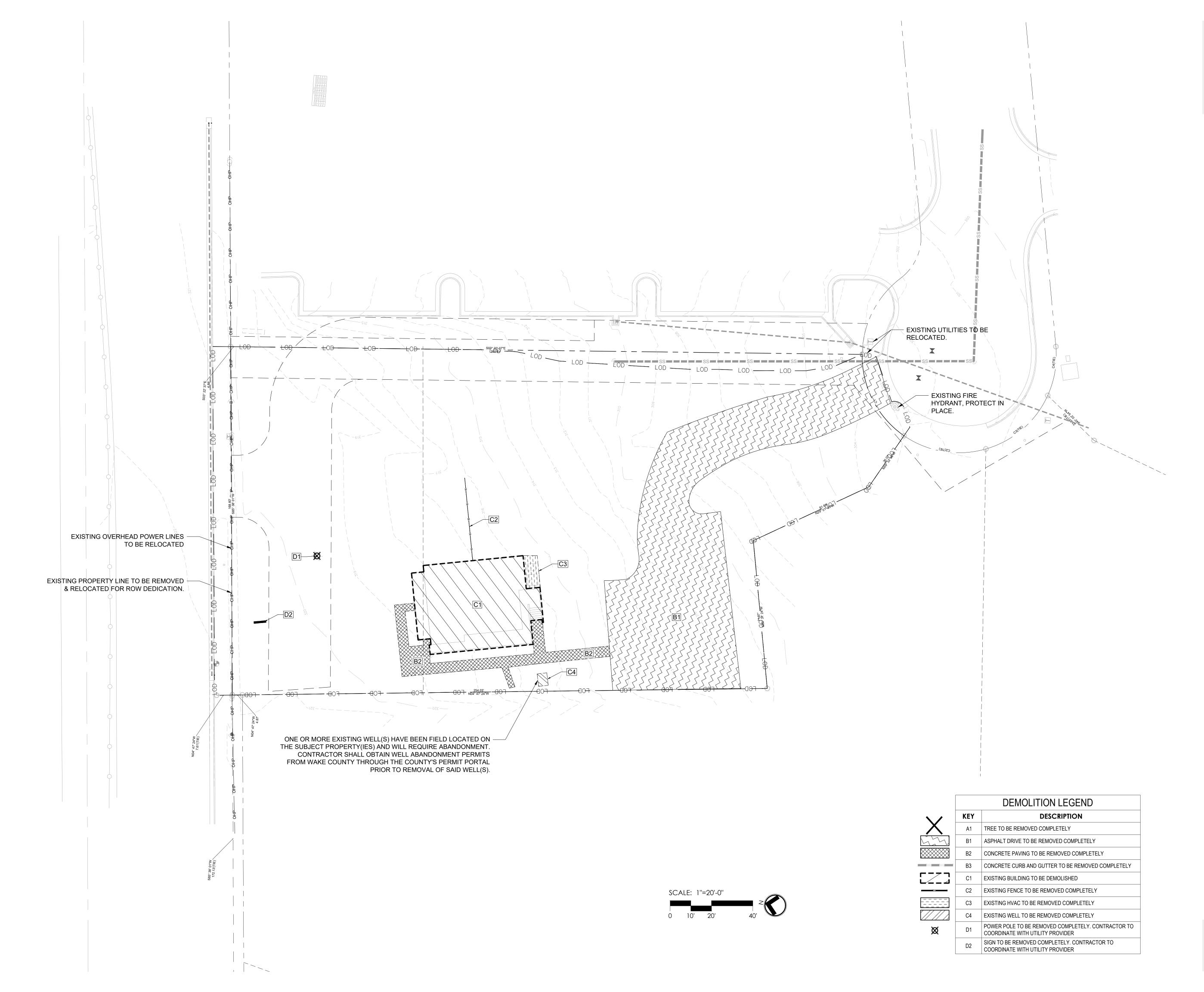
Drawn By ZCS

Checked By CLP/JAE, JR.

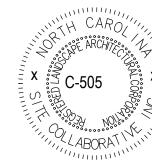
Date Issued 8/20/2024 1 of

( IN FEET )

1 inch = 30 ft.









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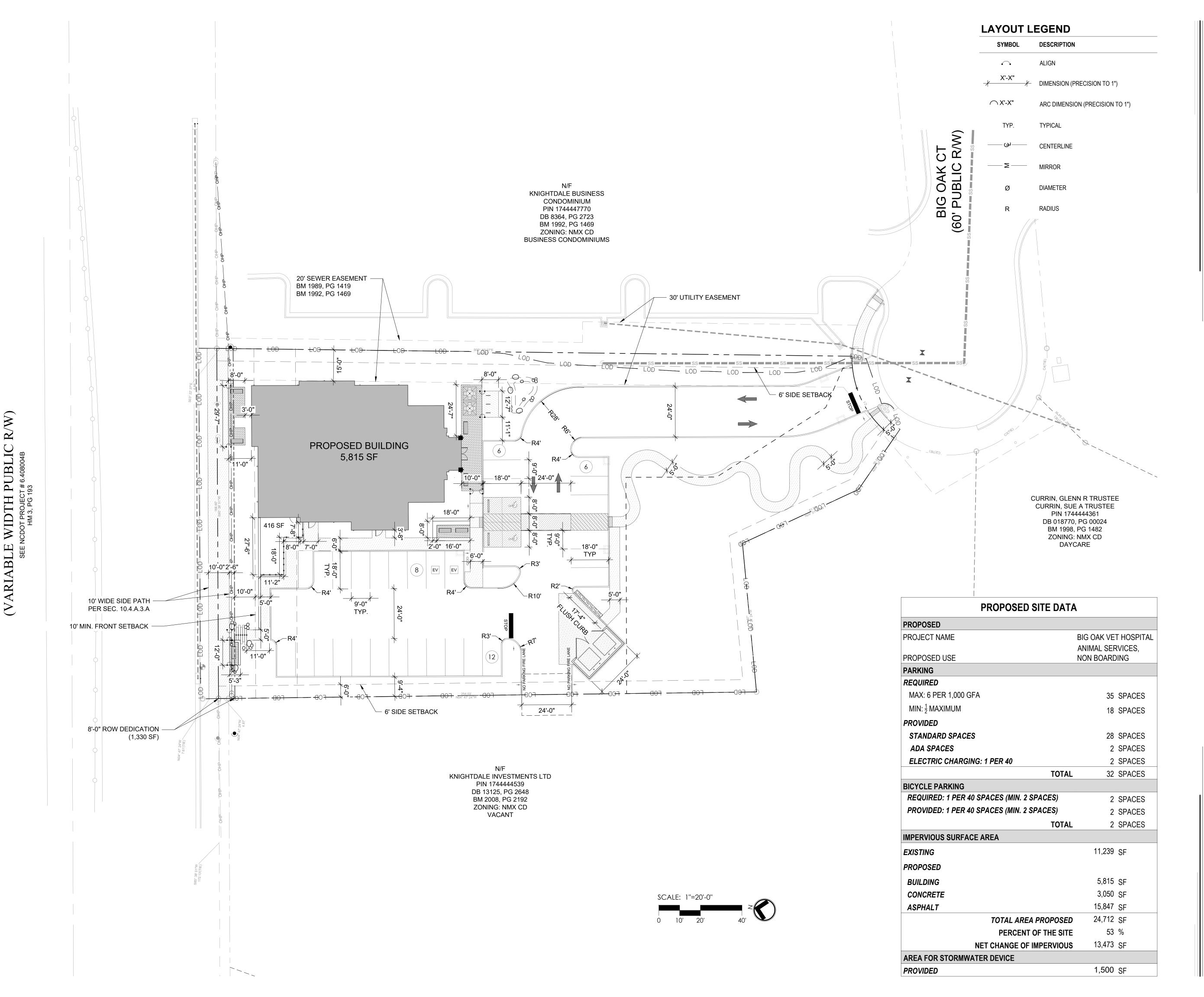
Collaborative Inc.

TOK PROJECT #: ZCP-11-24 PROJECT NUMBER:

MASTER PLAN

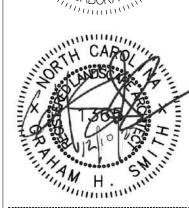
DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

**DEMOLITION PLAN** 









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BIG OAK VET HOSPITA
VETS PETS
1004 BIG OAK COURT

TOK PROJECT #:
ZCP-11-24

PROJECT NUMBER:

PROJECT PHASE: MASTER PLAN

DATE: 08.11.2025

1. RESUBMITTAL 12.10.2025
--

SHEET TITLE:

SHEET NUMBER:

N/F KNIGHTDALE BUSINESS CONDOMINIUM PIN 1744447770 DB 8364, PG 2723 BM 1992, PG 1469 ZONING: NMX CD BUSINESS CONDOMINIUMS RAIN GARDEN PER WATER ALLOCATION POLICY. SEE SHEET L400 FOR PLANTING TYP. OF (3) F2 TYP. OF (2) PUBLIC GATHERING SPACE —— PA TYP. OF (2) (MOVABLE CHAIRS & UMBRELLAS) ENHANCED ROADSIDE LANDSCAPING & SEATING PER WATER ALLOCATION POLICY. SEE SHEET L212. PROPOSED BUILDING TYP. OF (4) TYP. 5,815 SF PUBLIC GATHERING SPACE — (PLANTER & BENCHES) TYP. OF (2) RELOCATED OVERHEAD -POWER LINES K2 -5C TYP. PUBLIC GATHERING SPACE -(BRICK PAVING, BENCH & SEATWALL) - PROPOSED FUTURE ADJACENT PROPERTY -CONNECTION PER SEC 7.1.D (CROSS ACCESS) PROPERTY LINE - 8'-0" ROW DEDICATION PROPOSED 10'X24' TEMPORARY CONSTRUCTION ACCESS EASMENT N/F KNIGHTDALE INVESTMENTS LTD PIN 1744444539 DB 13125, PG 2648 BM 2008, PG 2192 ZONING: NMX CD

VACANT

360 SF

**233 SF** (0.04\*5,815=232.6)

SCALE: 1"=20'-0"

**PUBLIC GATHERING SPACE** 

PROVIDED

REQUIRED (1 SF / 25 SF GFA)

PROPOSED SITE DATA	4	
PROPOSED		
PROJECT NAME	BIG OAK VE	
PROPOSED USE	NON BOARD	-
PARKING		
REQUIRED		
MAX: 6 PER 1,000 GFA	35	SPACES
MIN: $\frac{1}{2}$ MAXIMUM	18	SPACES
PROVIDED		
STANDARD SPACES	28	SPACES
ADA SPACES	2	SPACES
ELECTRIC CHARGING: 1 PER 40	2	SPACES
TOTAL	32	SPACES
BICYCLE PARKING		
REQUIRED: 1 PER 40 SPACES (MIN. 2 SPACES)	2	SPACES
PROVIDED: 1 PER 40 SPACES (MIN. 2 SPACES)	2	SPACES
TOTAL	2	SPACES
IMPERVIOUS SURFACE AREA		
EXISTING	11,239	SF
PROPOSED		
BUILDING	5,815	SF
CONCRETE	3,050	SF
ASPHALT	15,847	SF
TOTAL AREA PROPOSED	24,712	SF
PERCENT OF THE SITE	53	%
NET CHANGE OF IMPERVIOUS	13,473	SF
AREA FOR STORMWATER DEVICE		
PROVIDED	1,500	SF

# HARDSCAPE LEGEND

VEH.	PED.	SYMBOL	PROPOSED SITE ITEM	DETAIL/SHEET
		1A	C.I.P. CONCRETE PAVING	2/L205
		1B	PRECAST CONCRETE PAVERS	7+8/L205
	00000000	1C	TRUNCATED DOME PAVERS	4/L209
	(0_0_0_0_0	1D	ASPHALT PAVING	1/L205
		1E	GRAVEL	9/L205
		2A	C.I.P. CONCRETE CURB	4/L210
		2B	C.I.P. FLUSH CONCRETE CURB	6/L205
		2C	C.I.P. CONCRETE RETAINING WALL	2/L207
		2D	C.I.P. CONCRETE STEPS	1/L207
		2E	C.I.P. CONCRETE SEAT WALL	3/L207
		3A	ADA PARKING	1/L206
		3B	CURB RAMP (TYPE R-2)	3/L209
	-0-	3C	ADA SIGN (MUTCD R7-8)	2/L206
	<del>-0-</del>	3D	STOP SIGN (MUTCD R1-1)	5/L204
	-0-	3E	NO PARKING SIGN (MUTCD R8-3)	5/L204
	<u> </u>	4A	CONCRETE WHEELSTOP	3/L206
		4B	PARKING STRIPE (4" WIDE)	
		4C	CROSSWALK	
		5A	DUMPSTER ENCLOSURE WITH GATE	1/L208
		5B	6' HT. OPAQUE FENCE	5/L206
		5C	LANDSCAPE BOULDER	6/L206
		SYMBOL	SITE FURNITURE	
		F1	36" BENCH	
		F2	CHAIR & UMBRELLAS	
		F3	2 PORT EV CHARGING STATION	
		F4	BICYCLE RACK	
		F5	PLANTER	
		SYMBOL	BY OTHER CONSULTANTS	
		K1	BUILDING COLUMN	PER ARCH.
		K2	STORMWATER BASIN	PER CIVIL
		K3	LIGHT POLES	DUKE ENERGY
		SYMBOL	EXISTING SITE ITEM TO REMAIN	
		E1	EXISTING FIRE HYDRANT	
		E2	EXISTING ELECTRICAL EQUIPMENT	
		SYMBOL	OTHER	
		PA	PLANTING AREA	
		TYP.	TYPICAL	
				40.004

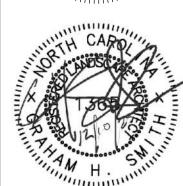
SAWCUT JOINT

----- EXPANSION JOINT

- LOD - LIMIT OF DISTURBANCE







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BIG 1004 BIG TOK PROJECT #: ZCP-11-24

PROJECT NUMBER:

MASTER PLAN

DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

SHEET TITLE:

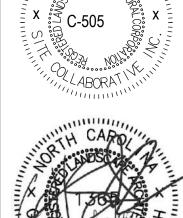
HARDSCAPE PLAN

L201

SHEET NUMBER:

4/L204 4/L204





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VET HOS VETS PETS 1004 BIG ( BIG TOK PROJECT #: ZCP-11-24

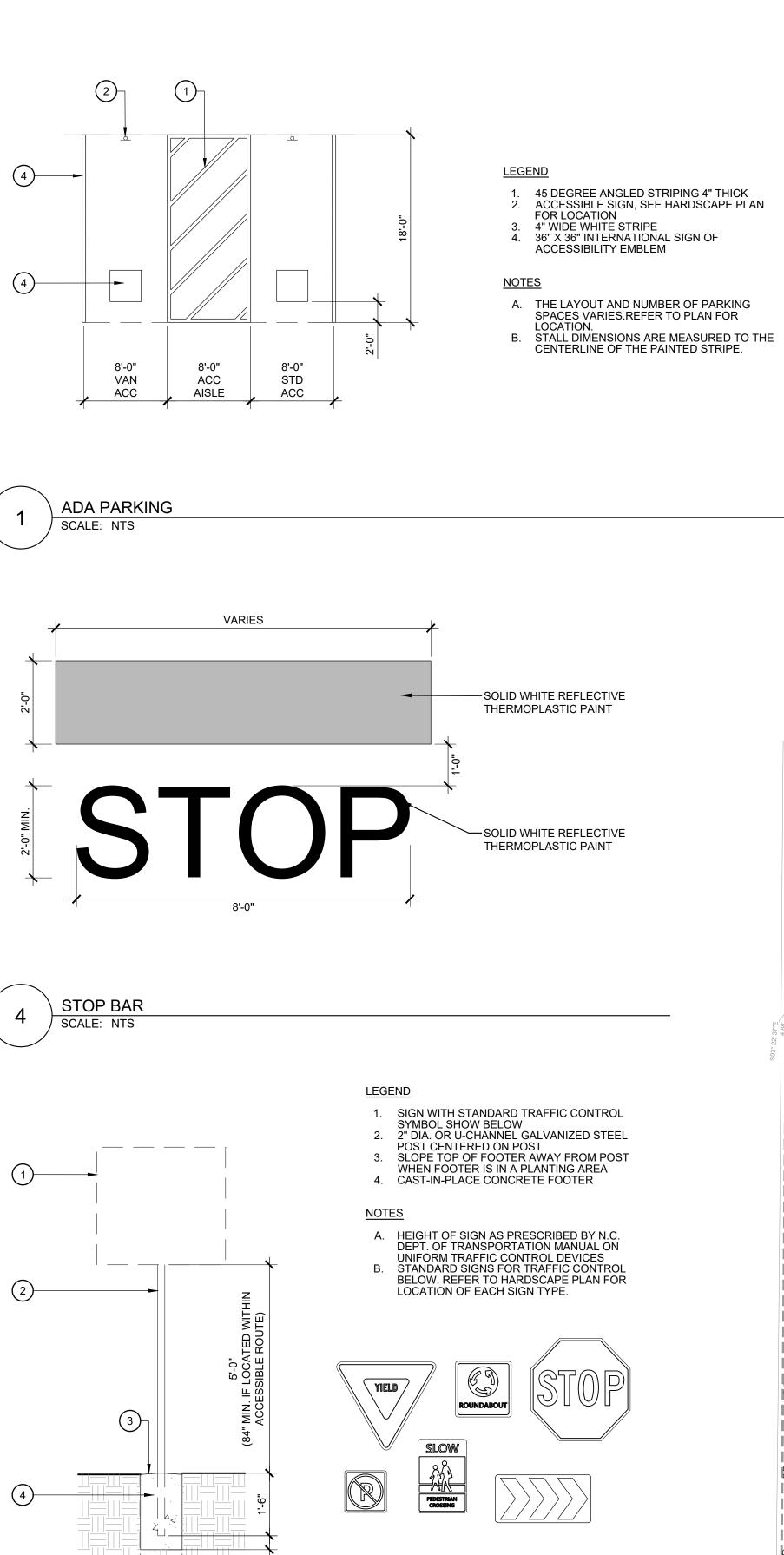
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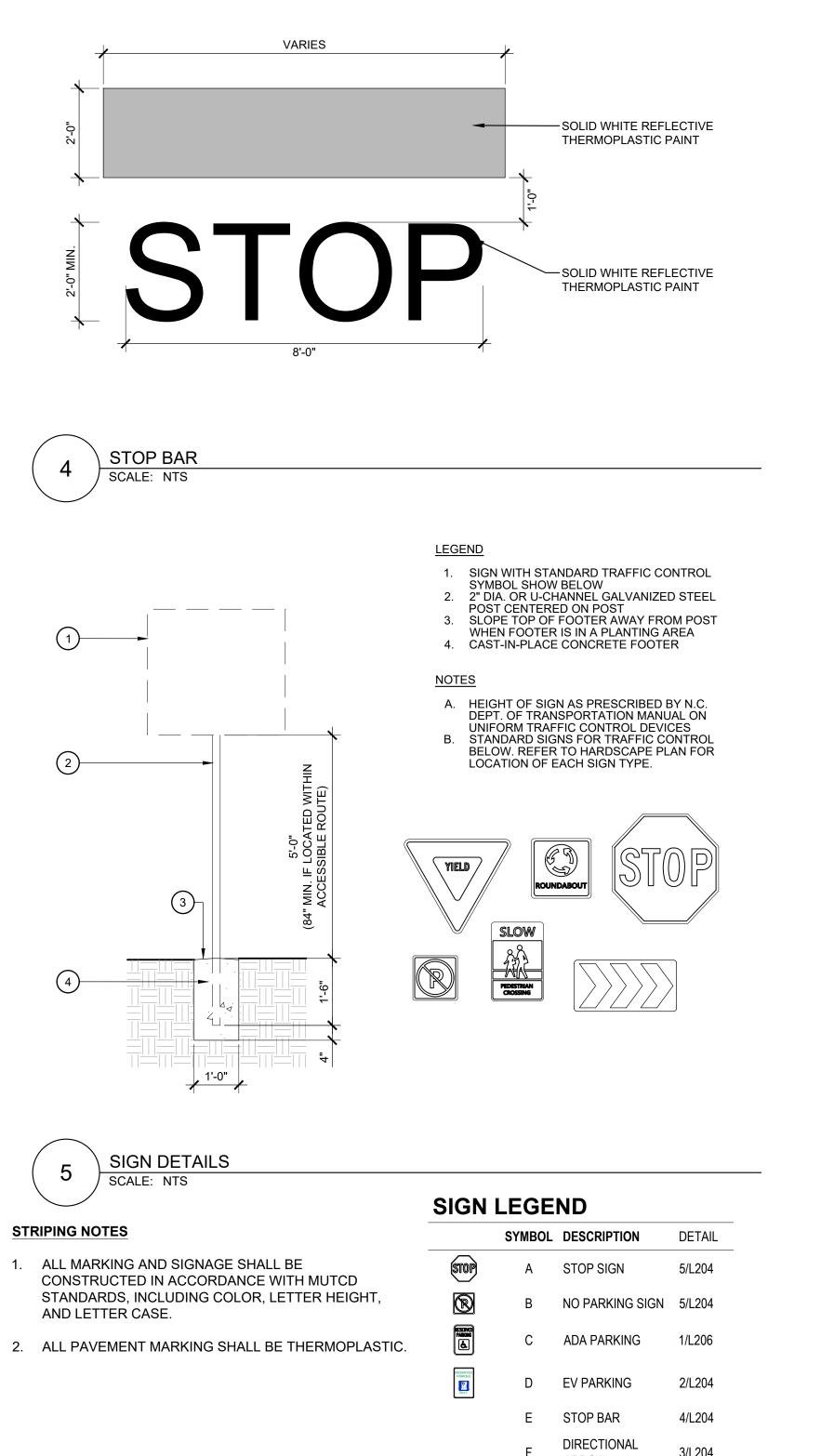
PROJECT PHASE: MASTER PLAN

DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

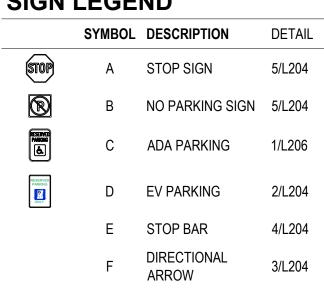
VICINITY MAP

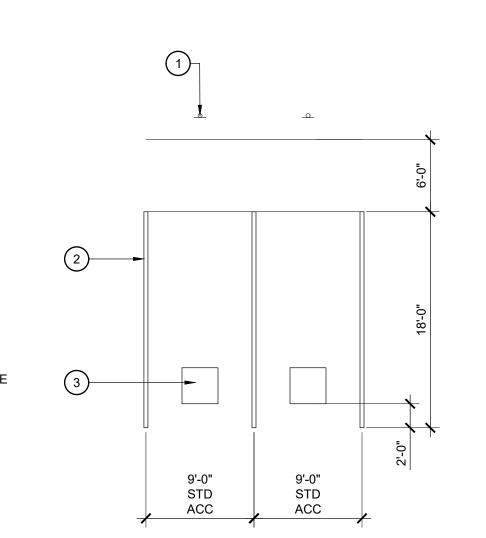
SHEET NUMBER: L203





1. ALL MARKING AND SIGNAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH MUTCD STANDARDS, INCLUDING COLOR, LETTER HEIGHT, AND LETTER CASE.





EV PARKING

SCALE: NTS

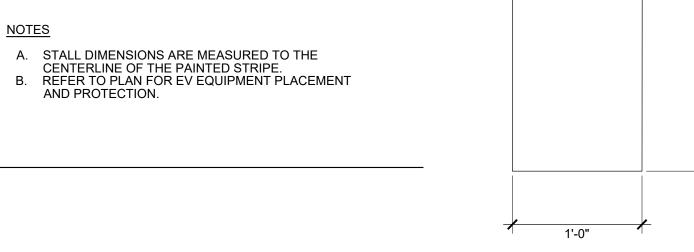


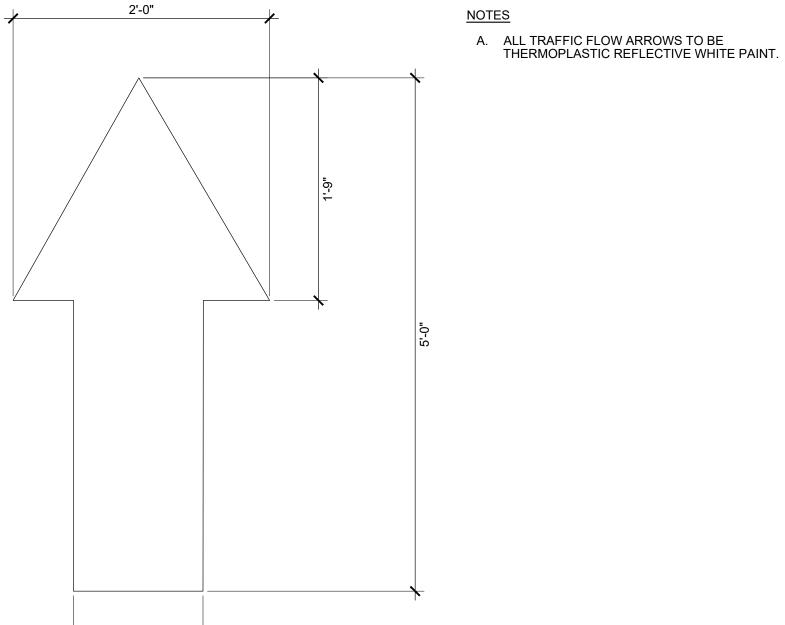
# ELECTRIC VEHICLE SIGN

1. ELECTRIC VEHICLE SIGN PER DETAIL, SEE HARDSCAPE PLAN FOR LOCATION

# 2. 4" WIDE WHITE STRIPE 3. 36" X 36" EV SYMBOL FOR ELECTRICAL VEHICLES

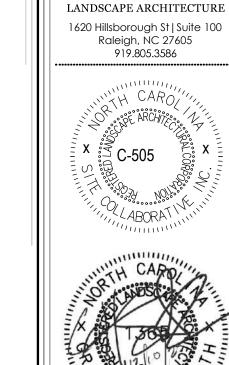
6





DIRECTIONAL ARROW

SCALE: NTS



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# SS SS SS SS SS SS BIG 004

ZCP-11-24 PROJECT NUMBER:

TOK PROJECT #:

 $\overline{B}$ 

MASTER PLAN

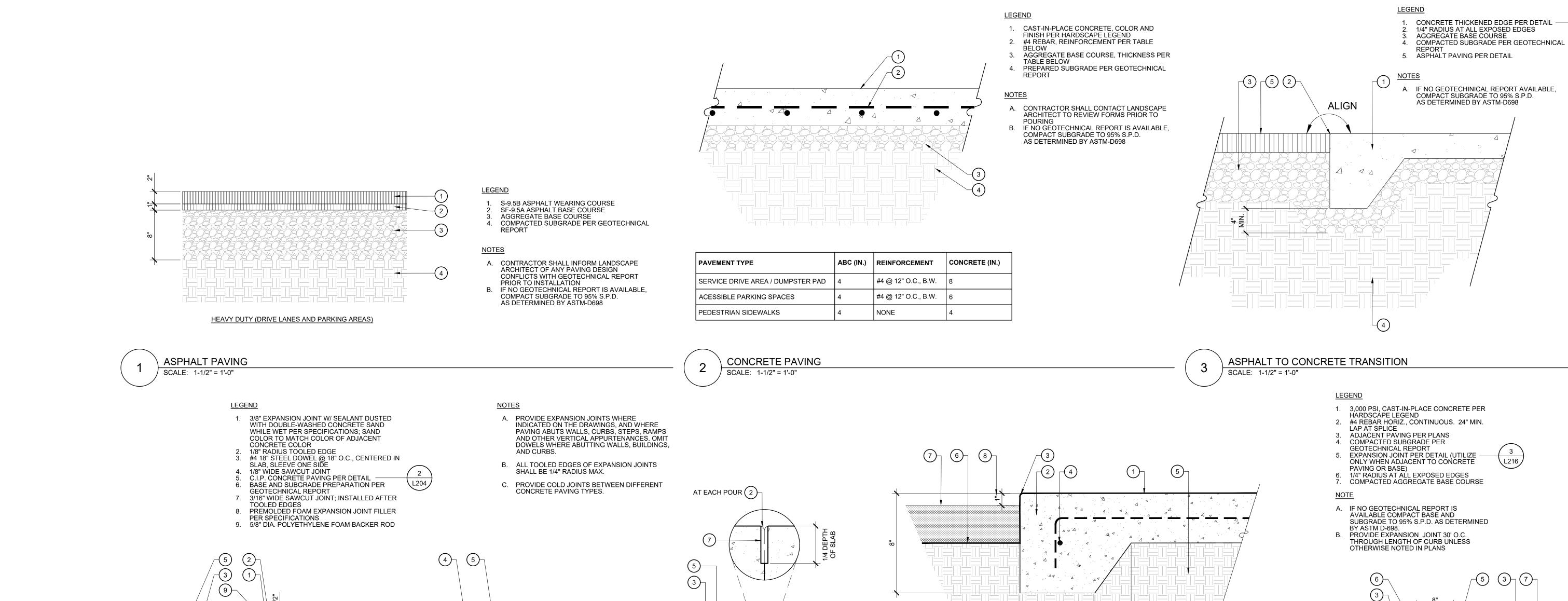
DATE: 08.11.2025

1. RESUBMITTAL 12.10.2025

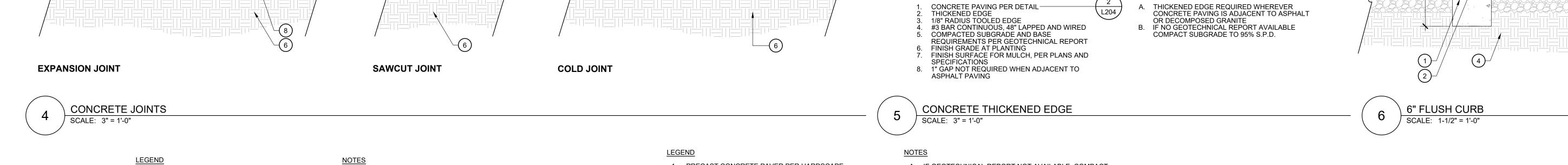
SHEET TITLE: SIGNS & PAVEMENT MARKINGS

SHEET NUMBER:

SCALE: 1"=20'-0"



**1ST POUR** 



1. PRECAST CONCRETE PAVER PER HARDSCAPE

2. GROUTED JOINTS, COLOR PER HARDSCAPE

MORTAR SETTING BED CONCRETE SUBBASE, REINFORCED PER

5. COMPACTED SUBGRADE PER GEOTECHNICAL

LEGEND

LEGEND

**2ND POUR** 

L204

CONCRETE PAVING PER DETAIL-

A. IF GEOTECHNICAL REPORT NOT AVAILABLE, COMPACT SUBGRADE TO 95% S.P.D. AS DETERMINED BY ASTM-D698

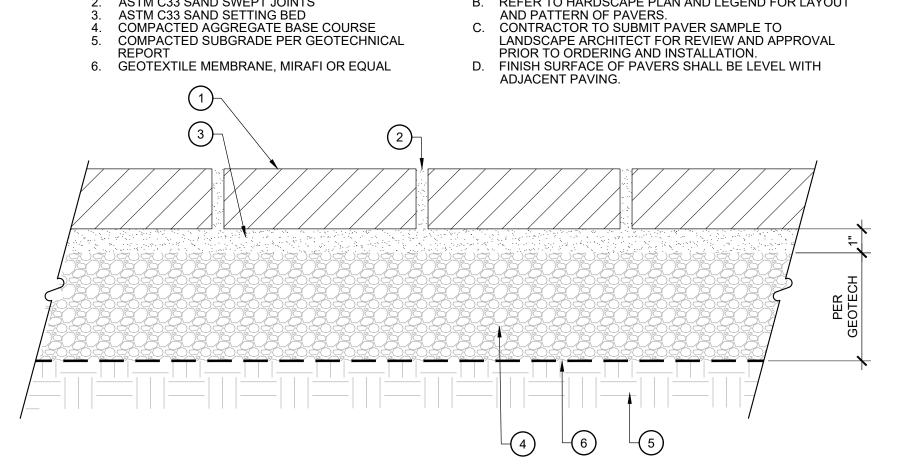
B. REFER TO HARDSCAPE PLAN AND LEGEND FOR LAYOUT

C. CONTRACTOR TO SUBMIT PAVER AND GROUT SAMPLE TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL

PRIOR TO ORDERING AND INSTALLATION.

D. FINISH SURFACE OF PAVERS SHALL BE LEVEL WITH ADJACENT PAVING.

AND PATTERN OF PAVERS.



A. IF GEOTECHNICAL REPORT NOT AVAILABLE, COMPACT SUBGRADE TO 95% S.P.D. AS DETERMINED BY ASTM-D698

B. REFER TO HARDSCAPE PLAN AND LEGEND FOR LAYOUT

**2ND POUR** 

PRECAST CONCRETE PAVER PER HARDSCAPE

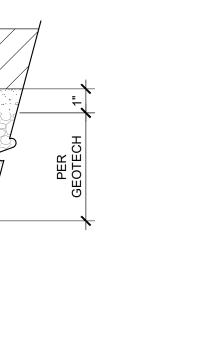
2. ASTM C33 SAND SWEPT JOINTS

PRECAST PAVERS - SAND SET

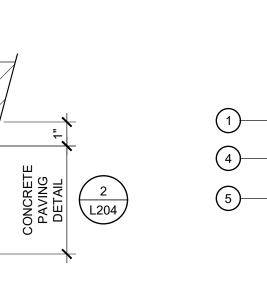
SCALE: 3" = 1'-0"

LEGEND

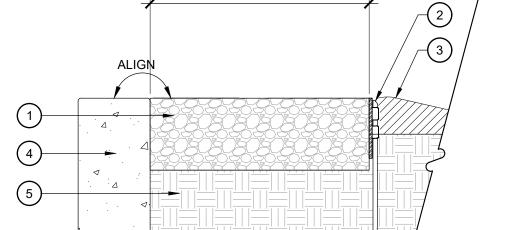
**1ST POUR** 







\L204/



PER PLAN

# <u>LEGEND</u>

ALIGN ALIGN

1. DECORATIVE GRAVEL PER HARDSCAPE LEGEND 2. STEEL EDGING PER HARDSCAPE PLANS,

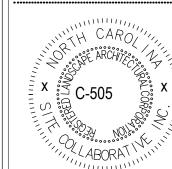
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAIL-ADJACENT PLANTING AREA
- 4. CURB, WALL, ARCHITECTURE OR VERTICAL SURFACE PER HARDSCAPE



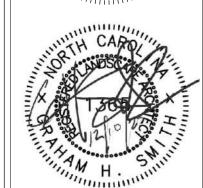
SITE DETAILS

SCALE: 1-1/2" = 1'-0"

LANDSCAPE ARCHITECTURE 1620 Hillsborough St | Suite 100 Raleigh, NC 27605 919.805.3586



L206



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 $\cap$ BIG 00

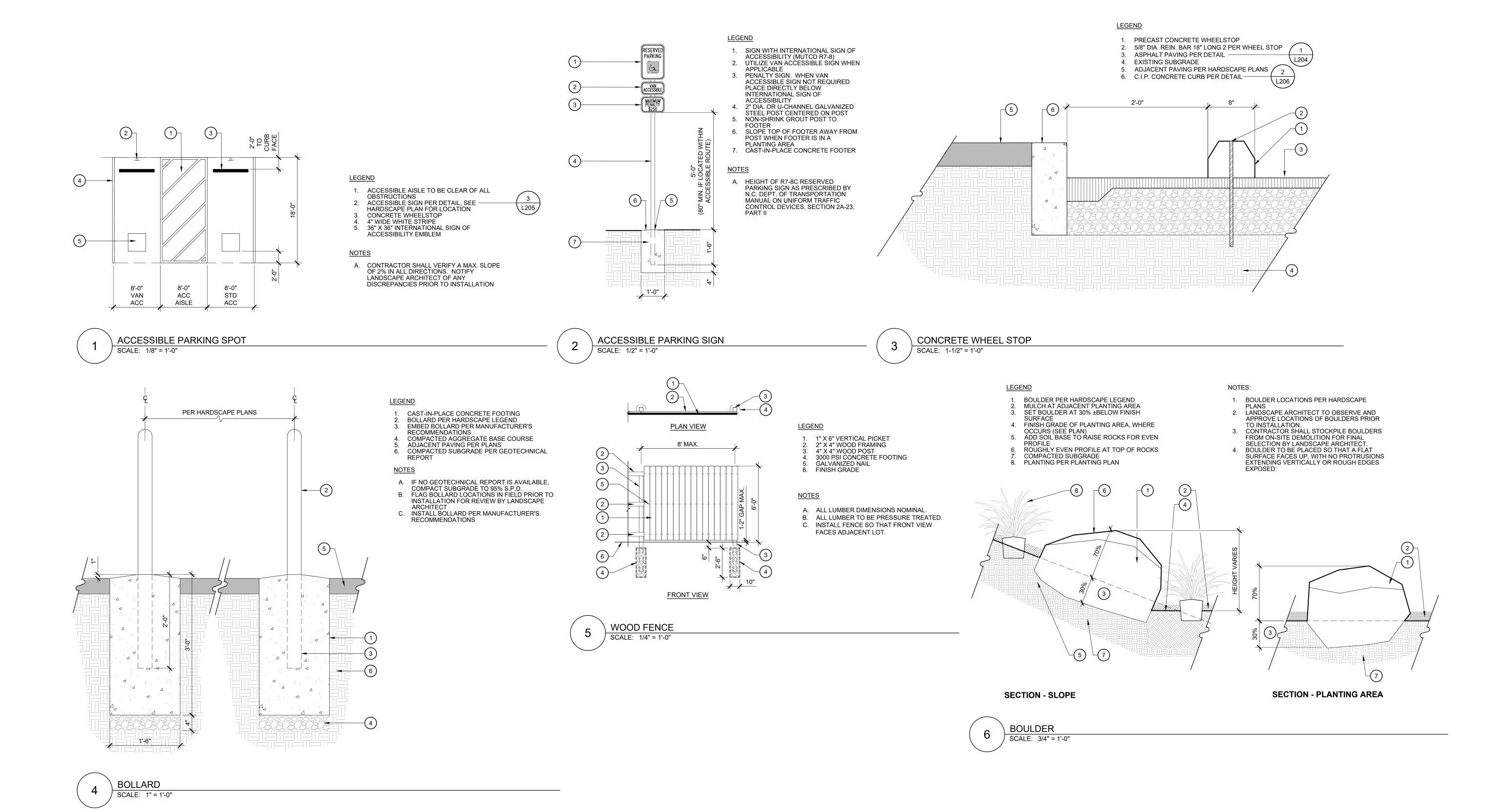
 $\Delta$ TOK PROJECT #: ZCP-11-24 PROJECT NUMBER:

MASTER PLAN DATE: 08.11.2025

1. RESUBMITTAL 12.10.2025

SHEET TITLE:

SHEET NUMBER:



VET HOS PETS BIG ( 1004 BIG

LANDSCAPE ARCHITECTURE

1620 Hillsborough St | Suite 100 Raleigh, NC 27605 919.805.3586

C-505

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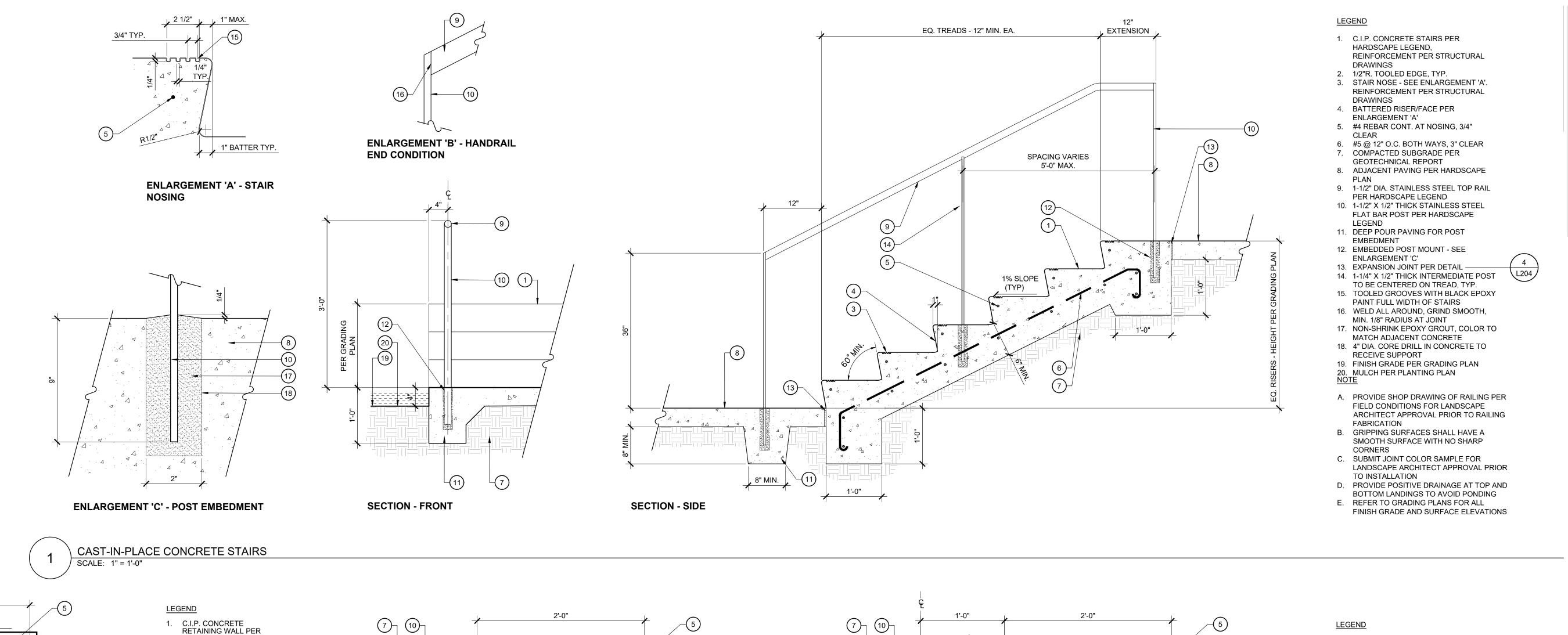
TOK PROJECT #: ZCP-11-24

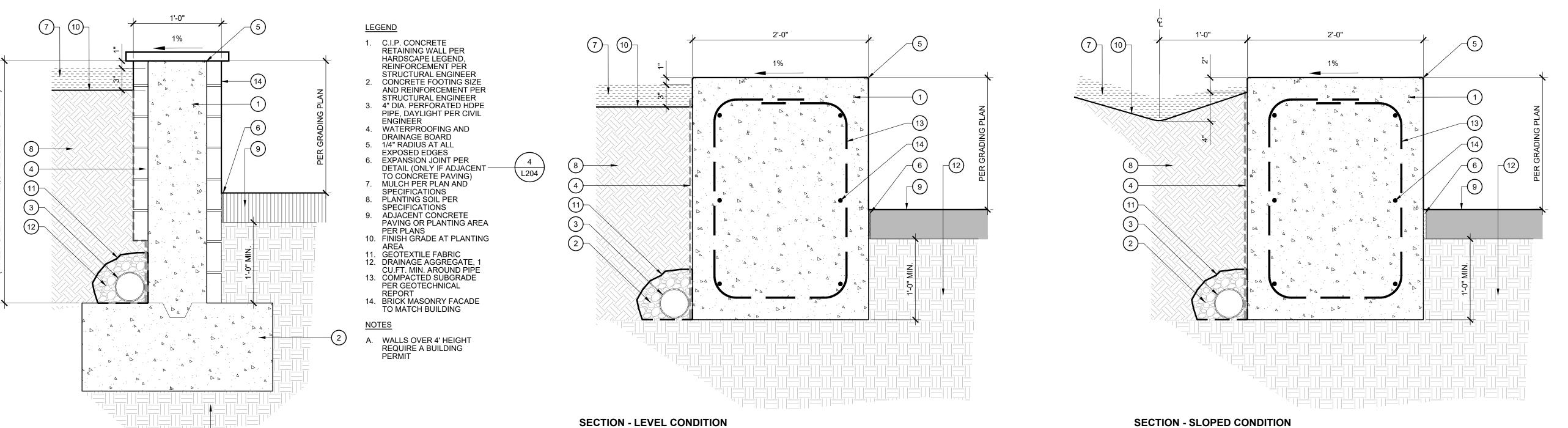
MASTER PLAN

PROJECT NUMBER:

DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

SHEET TITLE: SITE DETAILS





CAST-IN-PLACE CONCRETE SEATING WALL

SCALE: 1-1/2" = 1'-0"

**RETAINING WALL** 

SCALE: 1-1/2" = 1'-0"

- 1. C.I.P. CONCRETE RETAINING WALL PER HARDSCAPE LEGEND 2. DRAINAGE AGGREGATE, 1 CU.FT. MIN.
- AROUND PIPE

  3. 4" DIA. PERFORATED HDPE PIPE, DAYLIGHT
- PER CIVIL ENGINEER WATERPROOFING AND DRAINAGE BOARD 1/4" RADIUS AT ALL EXPOSED EDGES
- EXPANSION JOINT PER DETAIL

  MULCH PER PLAN AND SPECIFICATIONS PLANTING SOIL PER SPECIFICATIONS ADJACENT CONCRETE PAVING OR
- PLANTING AREA PER PLANS 10. FINISH GRADE AT PLANTING AREA
  11. GEOTEXTILE FABRIC, MIRAFI OR EQUAL
- 12. COMPACTED SUBGRADE PER GEOTECHNICAL REPORT 13. #3 REBAR AT 12" O.C. 14. #5 REBAR HORIZONTAL, 18" LAP AT SPLICE

A. PROVIDE SHOP DRAWINGS PRIOR TO INSTALLATION

 $\cap$ BIG 00  $\overline{\underline{\mathbf{B}}}$ 

LANDSCAPE ARCHITECTURE

1620 Hillsborough St | Suite 100

Raleigh, NC 27605 919.805.3586

C-505

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PROJECT NUMBER:

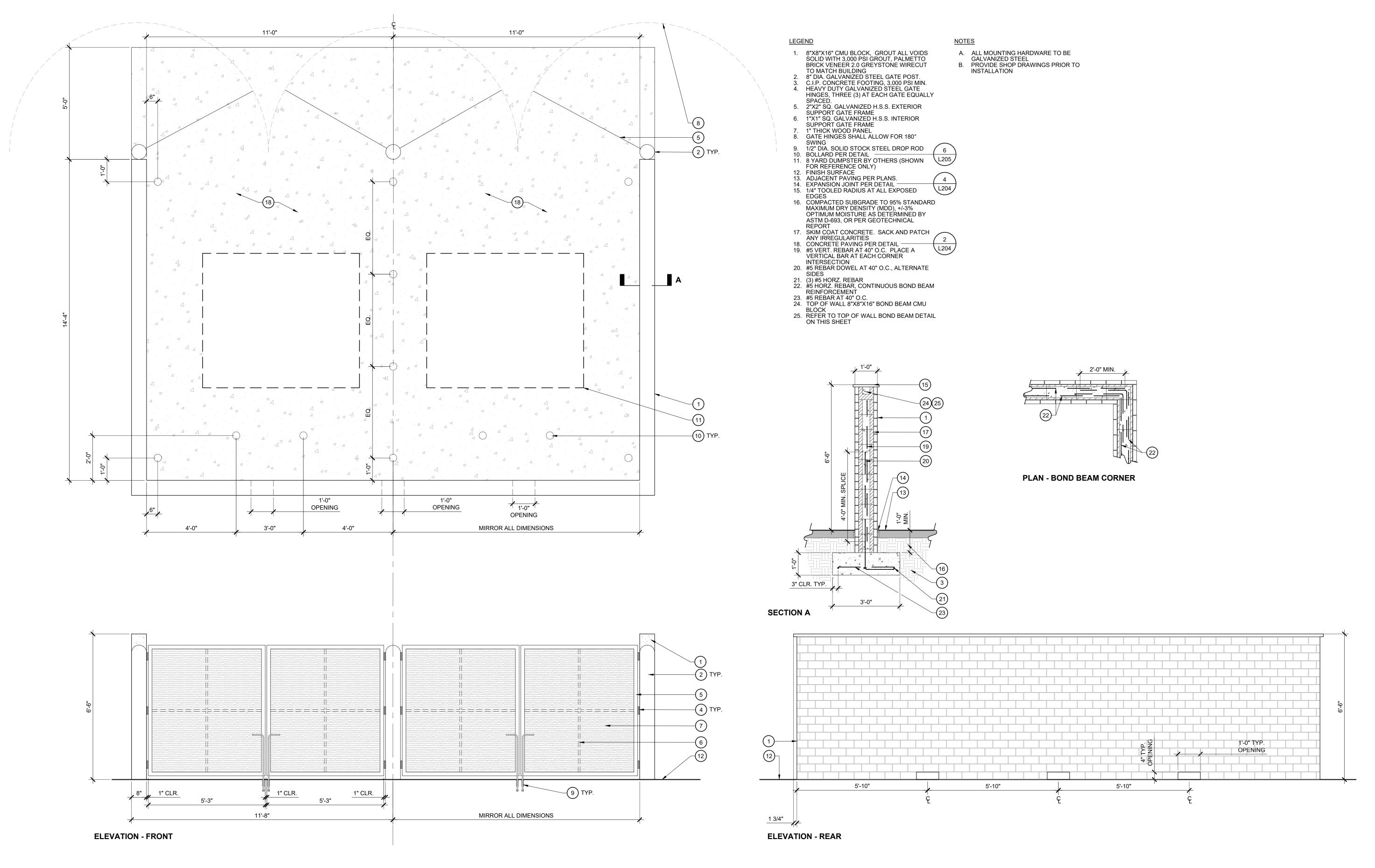
MASTER PLAN

DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

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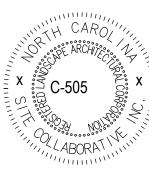
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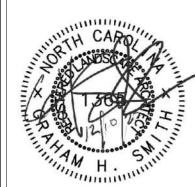
SHEET NUMBER:





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BIG OAK VEI HOSPIIAI Vets Pets 1004 BIG OAK COURT

PROJECT NUMBER:

TOK PROJECT #: ZCP-11-24

project phase: MASTER PLAN

DATE: 08.11.2025

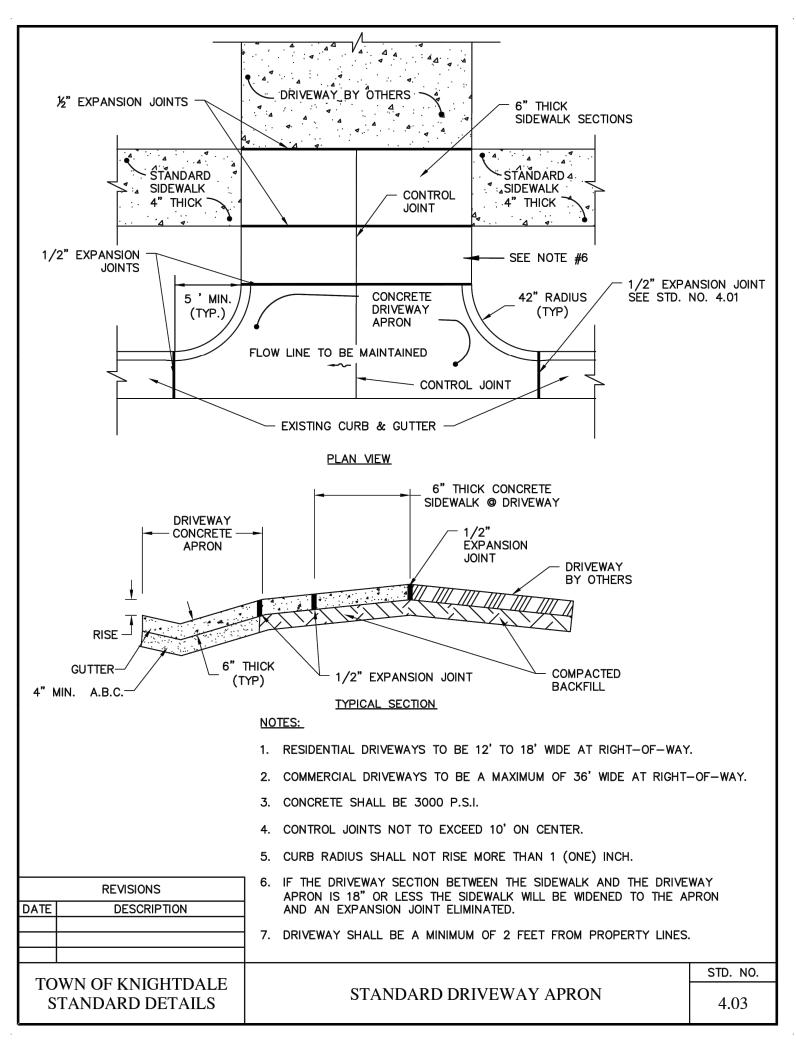
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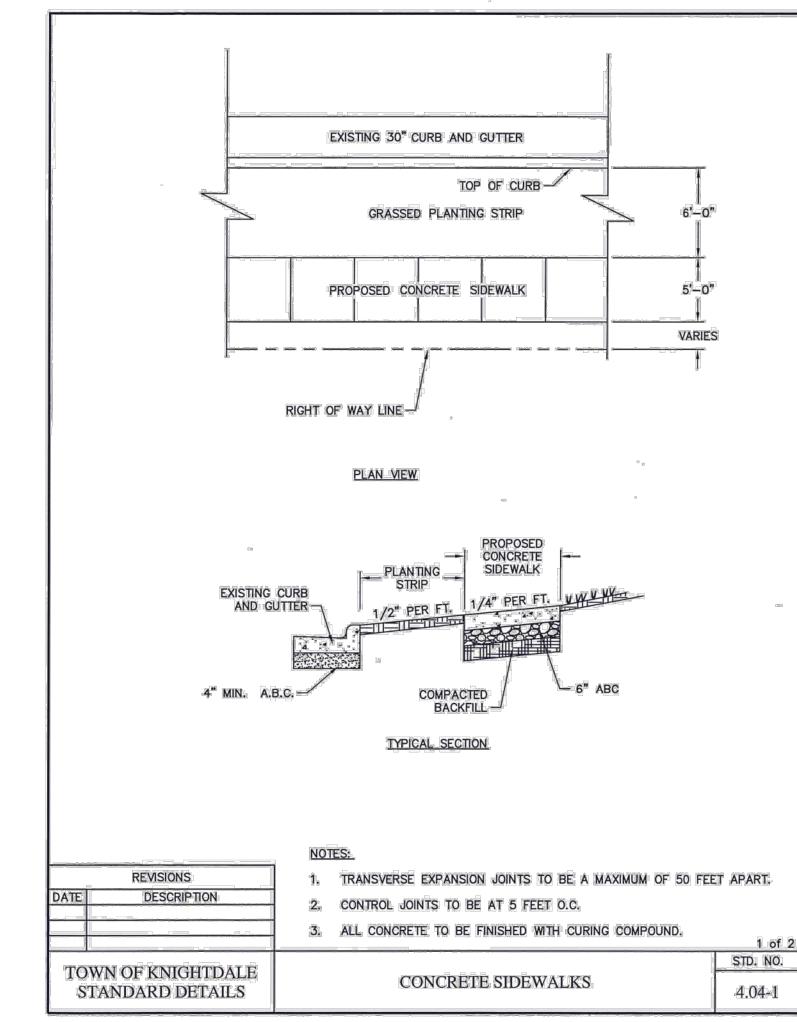
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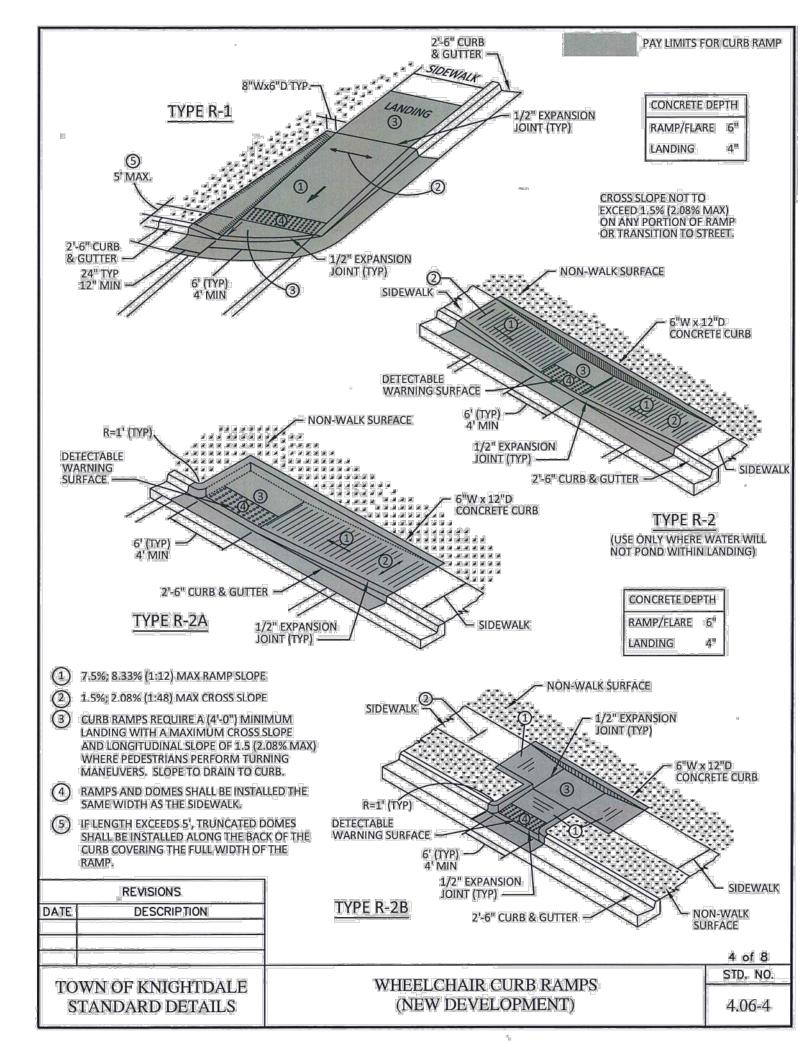
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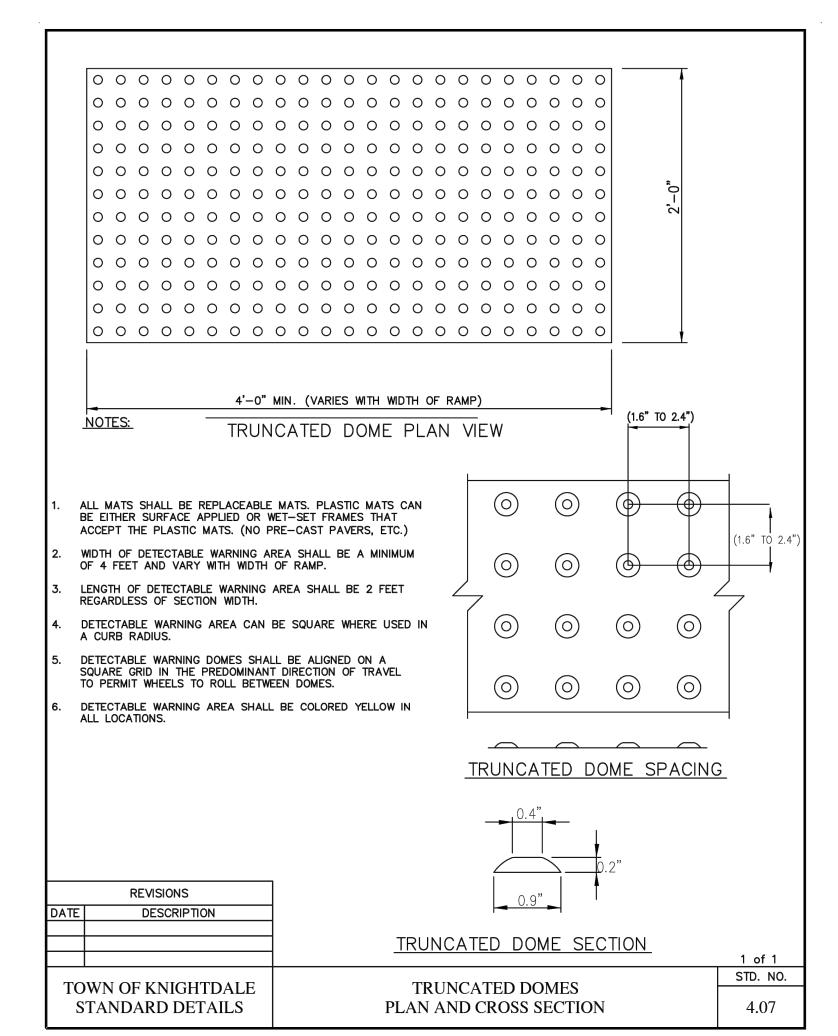
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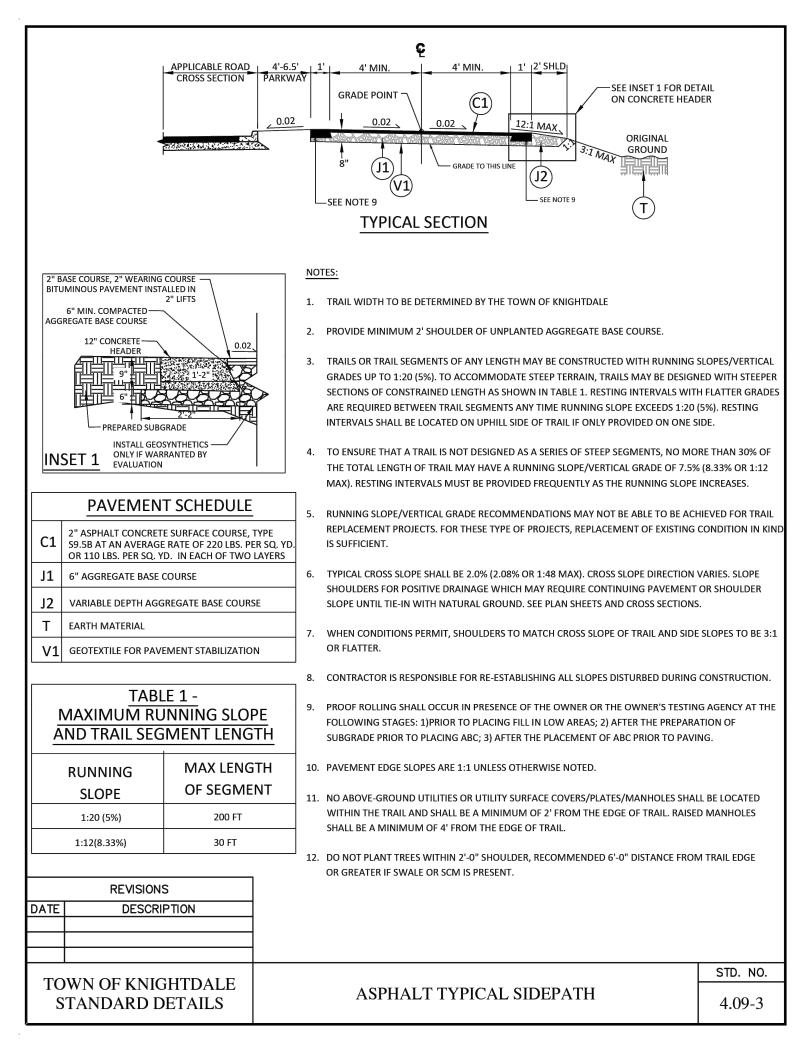
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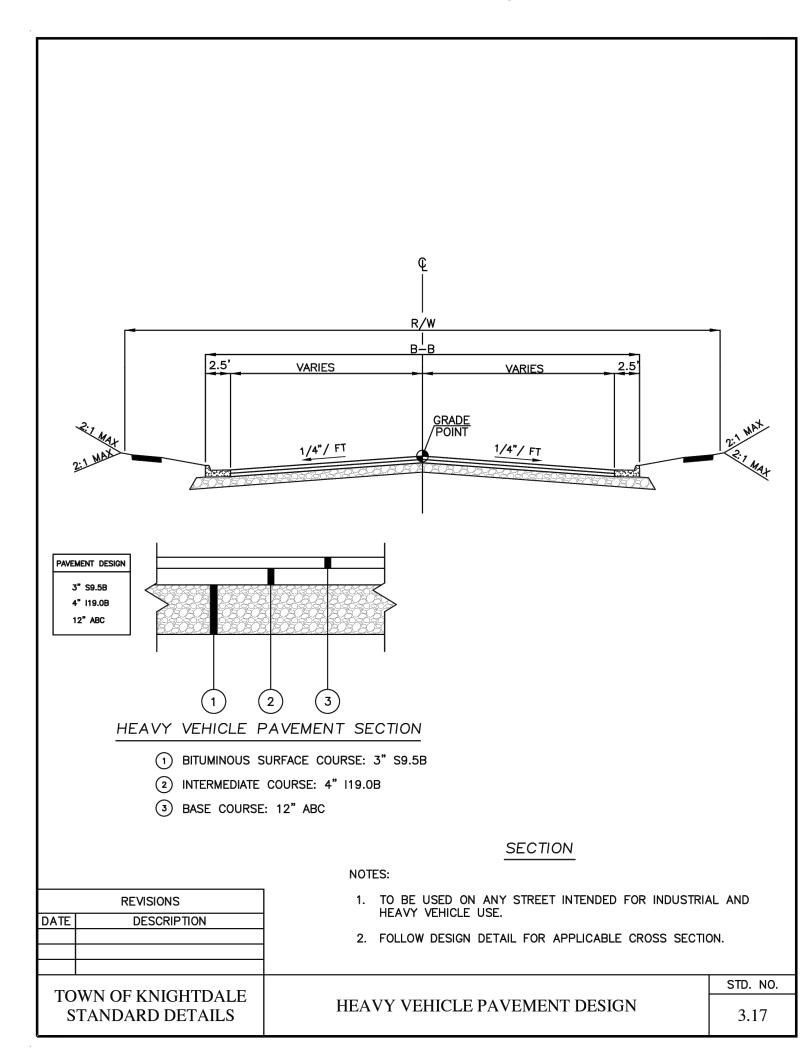


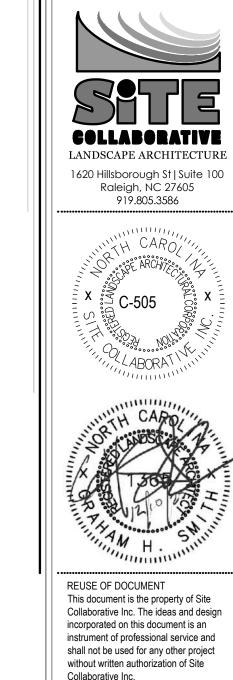












# BIG OAK VET HOSPITA VETS PETS 1004 BIG OAK COURT

PROJECT NUMBER:

MASTER PLAN

DATE: 08.11.2025

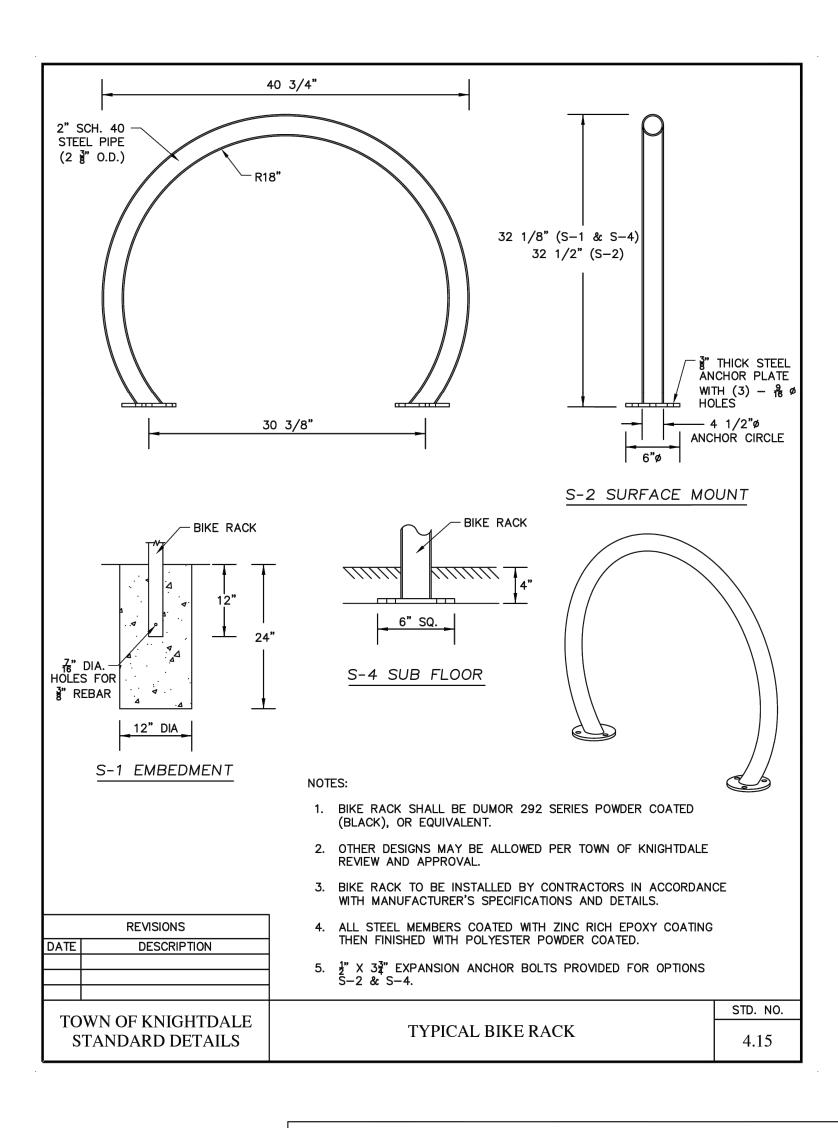
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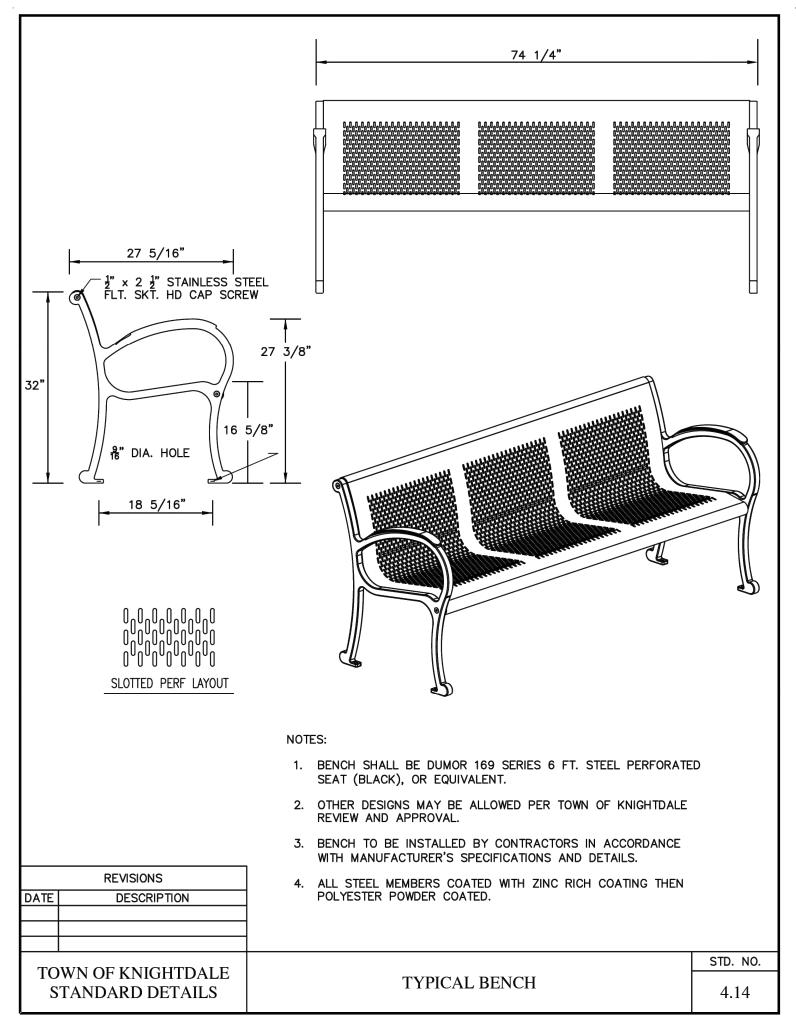
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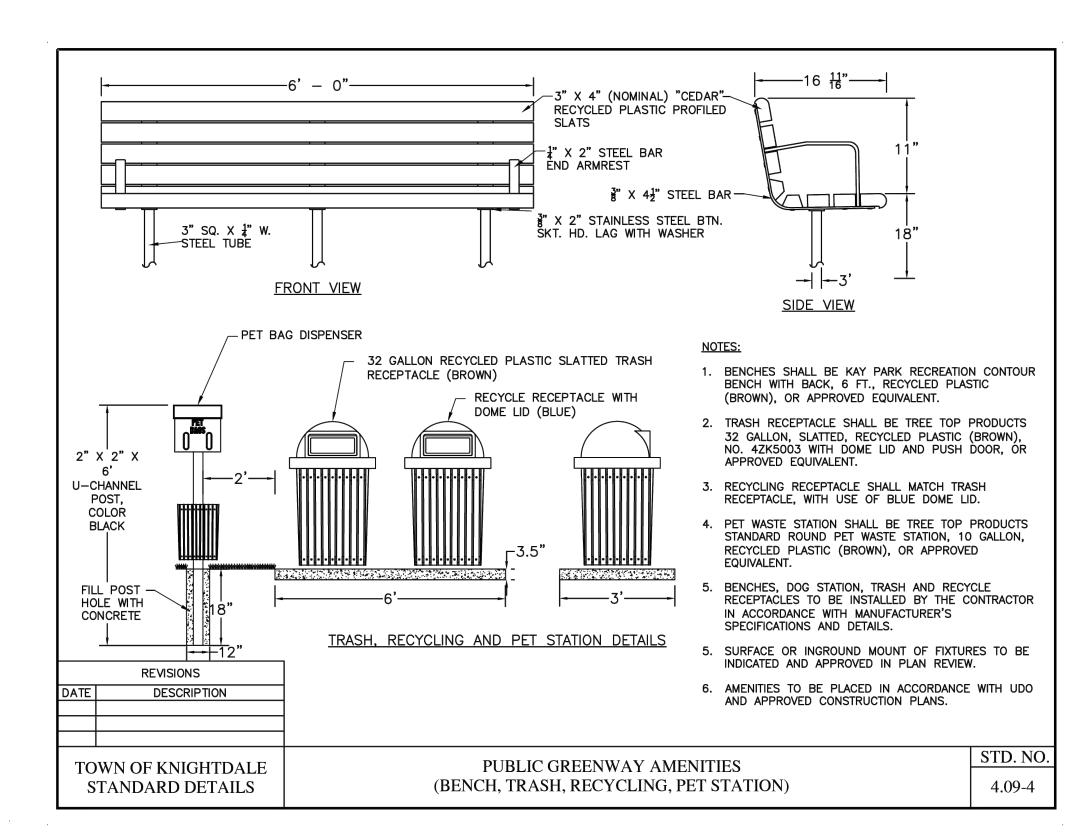
L209

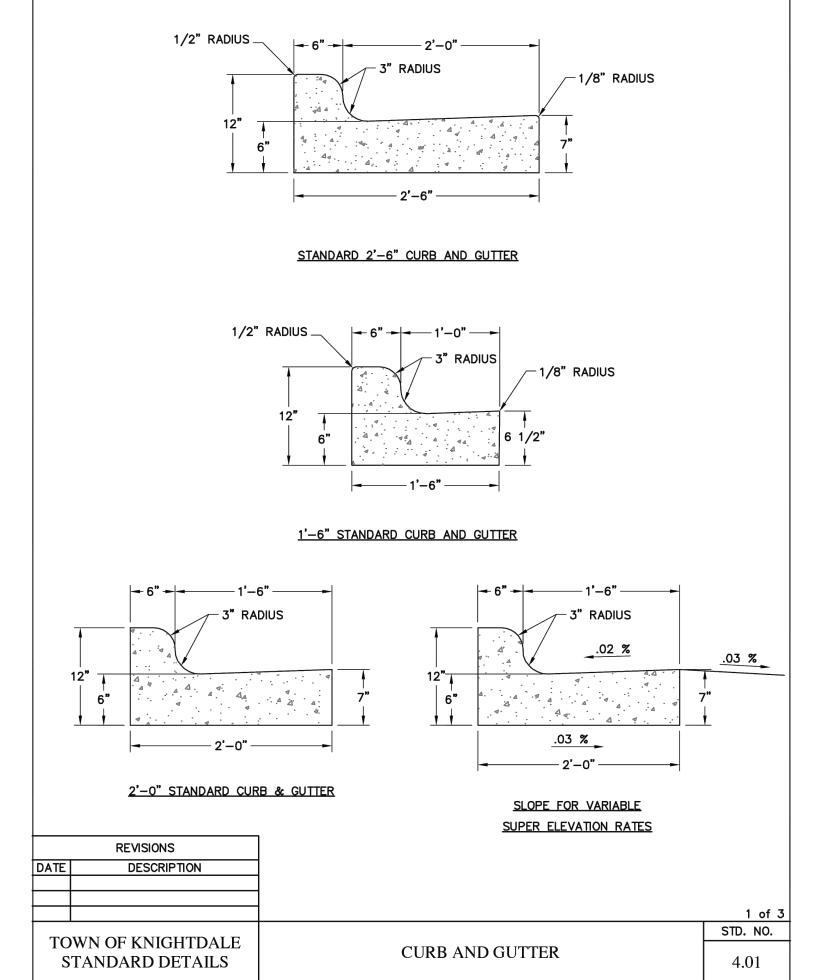
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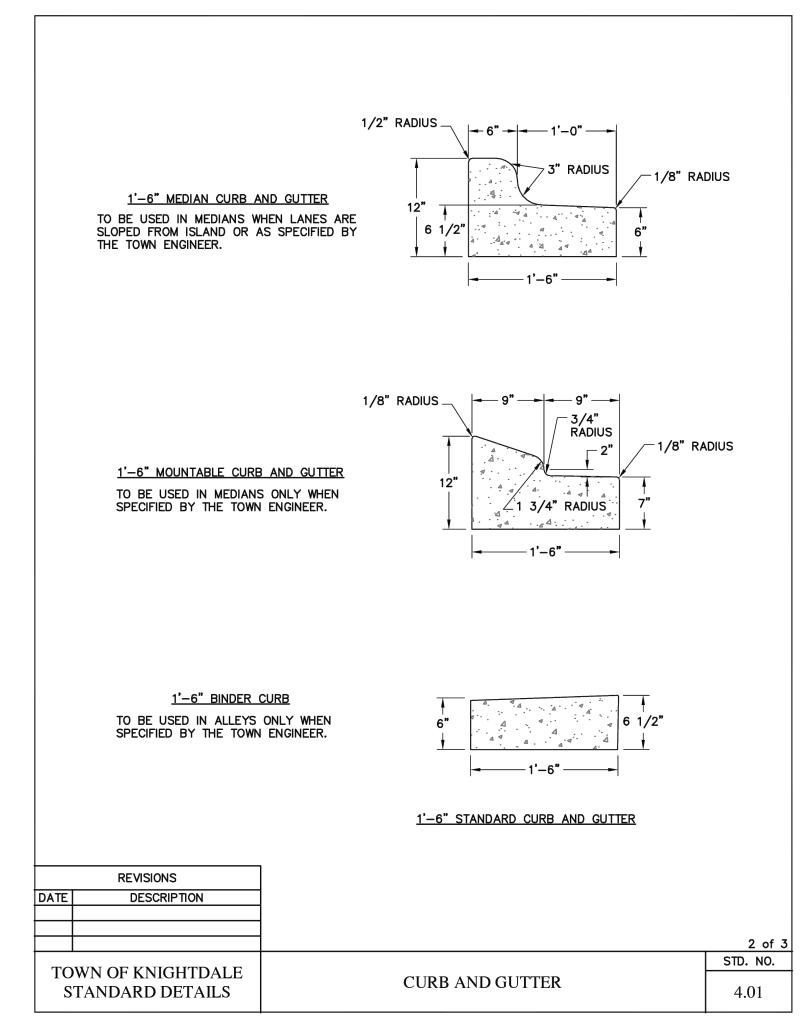
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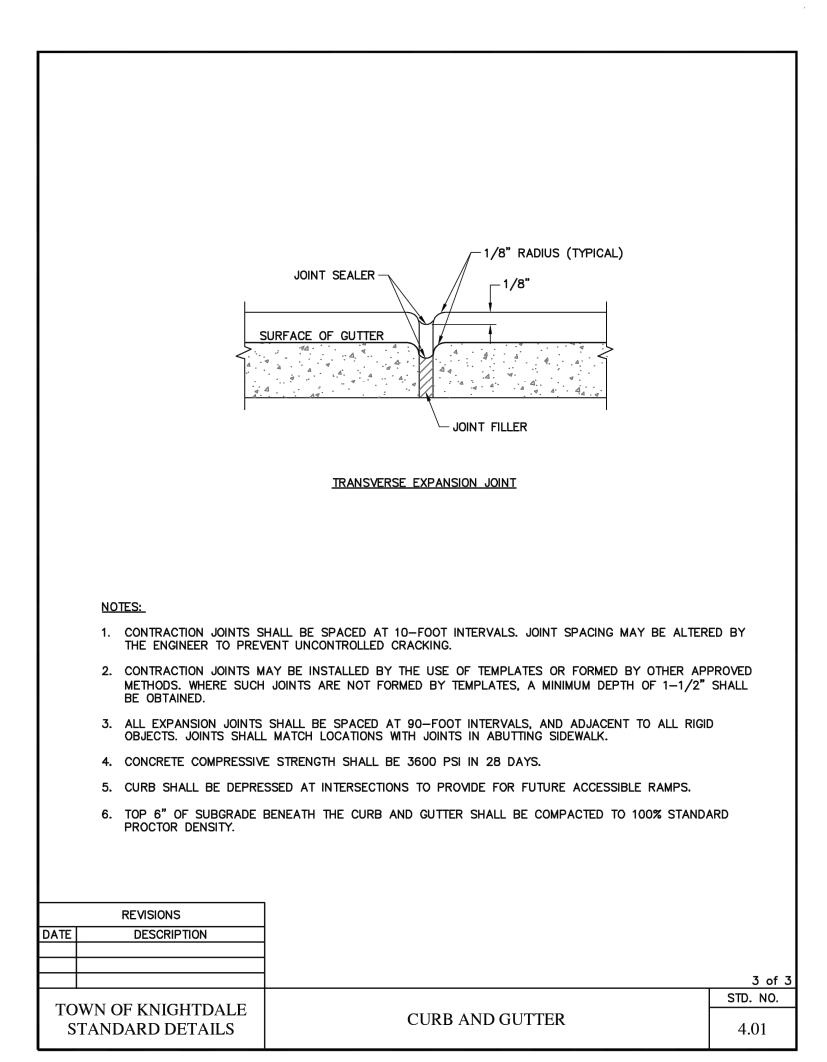




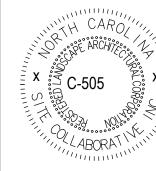


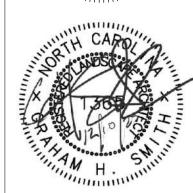












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PROJECT NUMBER:

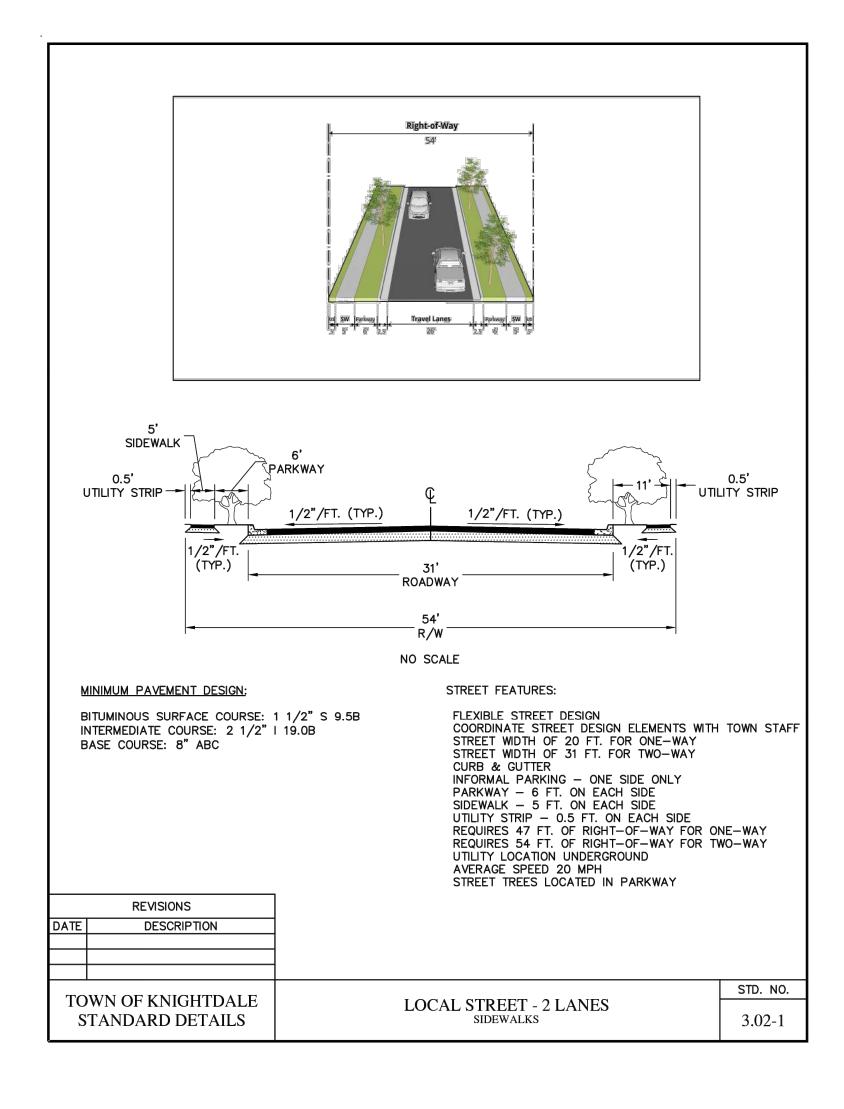
MASTER PLAN

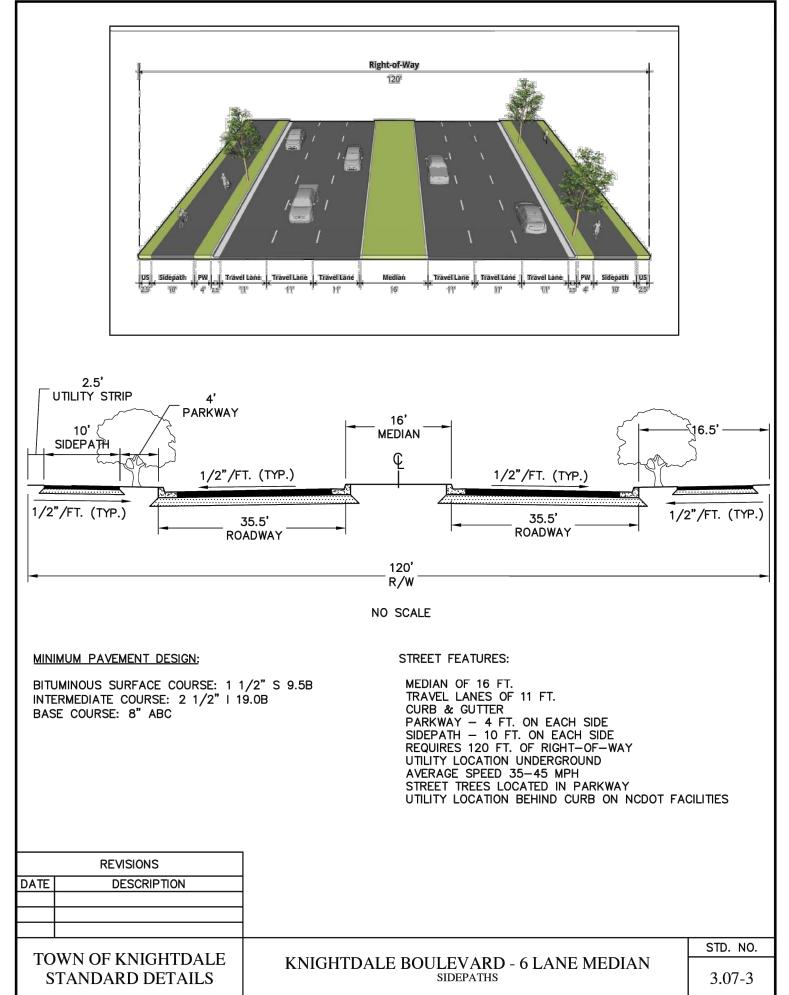
DATE: 08.11.2025

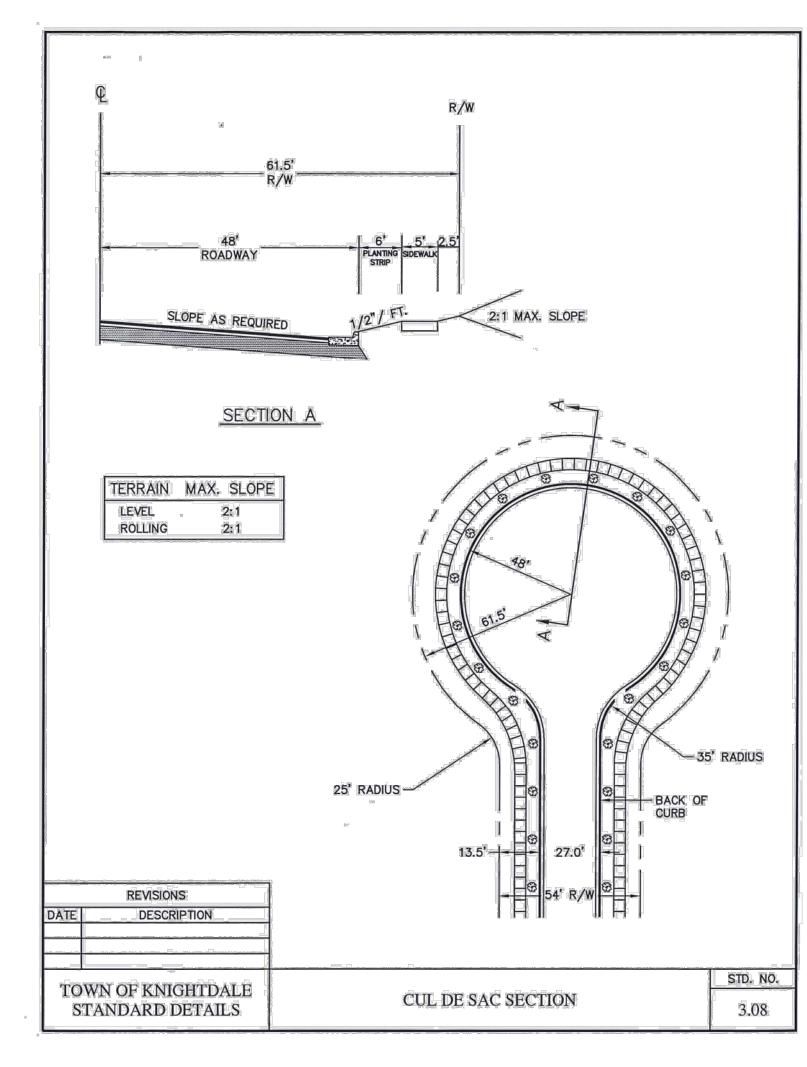
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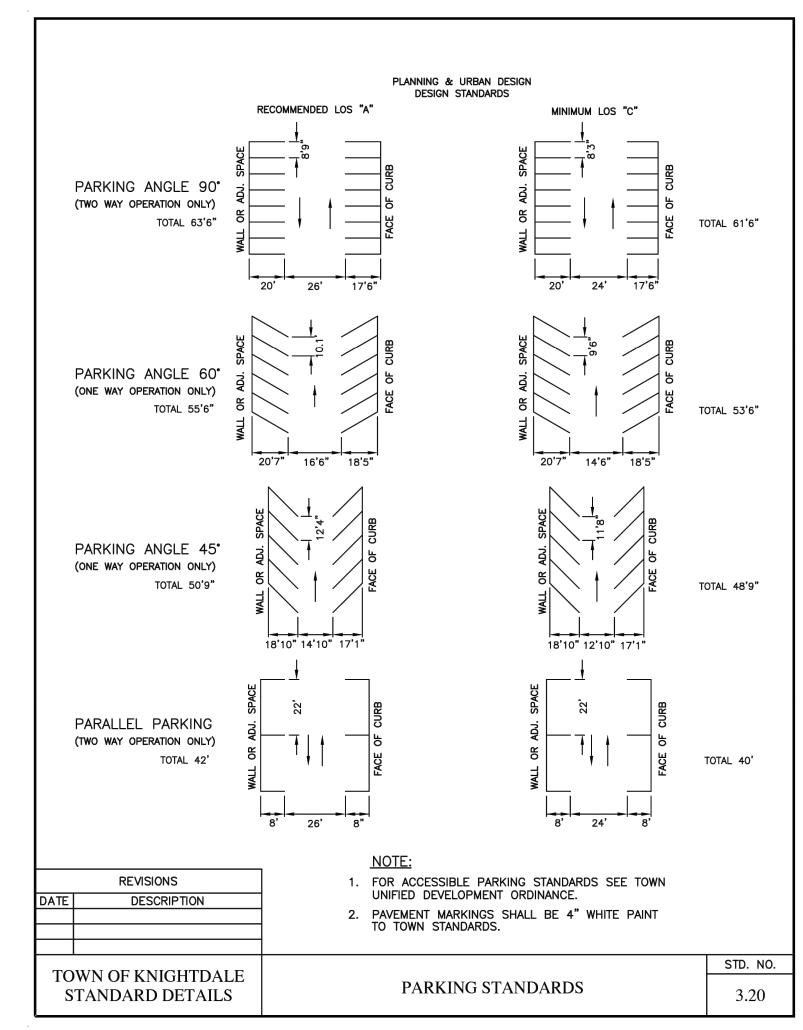
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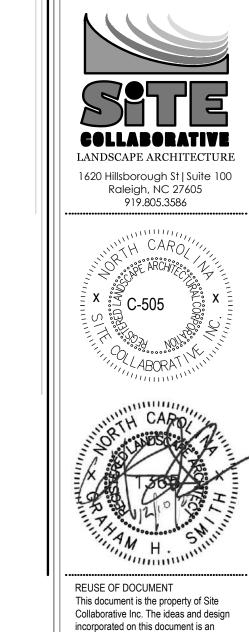
SHEET NUMBER:











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BIG OAK VETS PETS

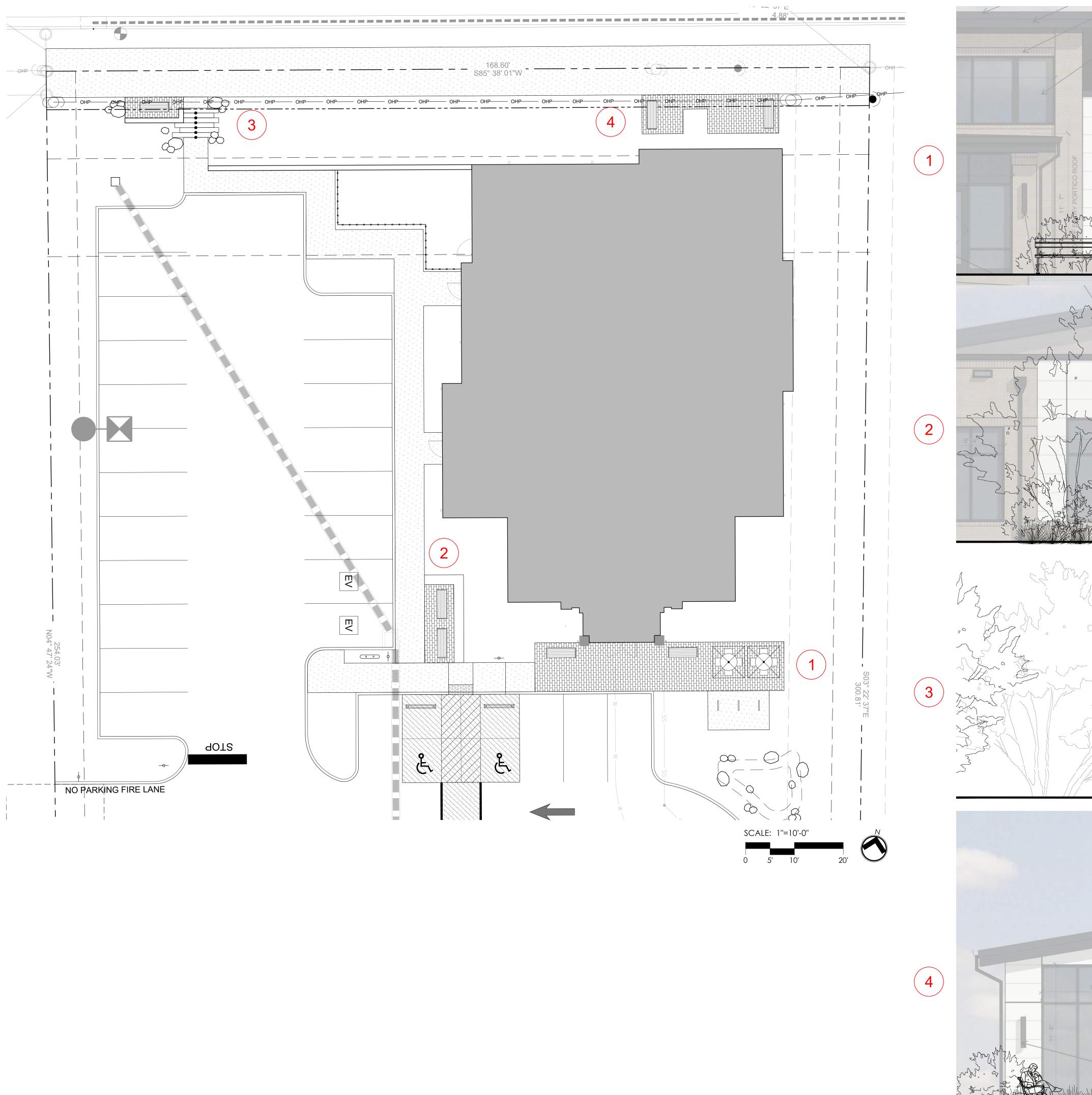
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MASTER PLAN

DATE: 08.11.2025

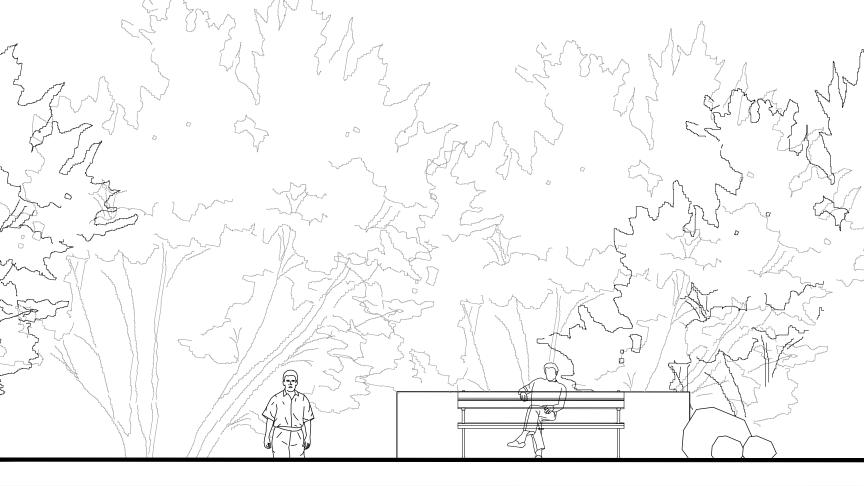
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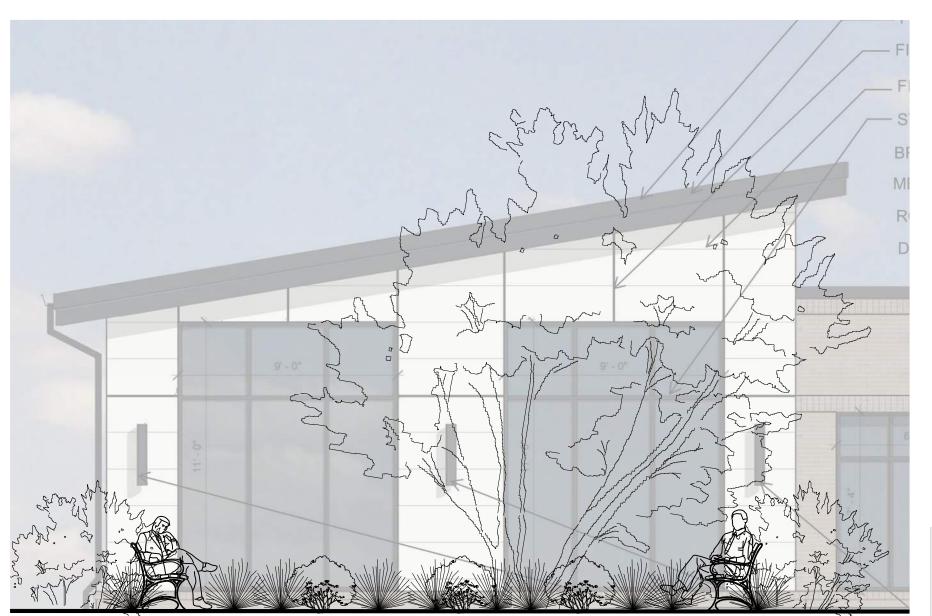
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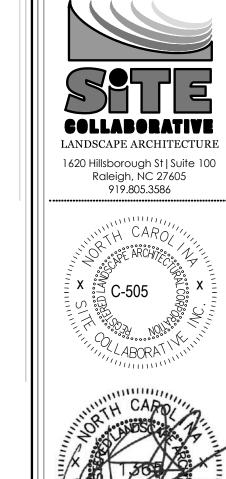
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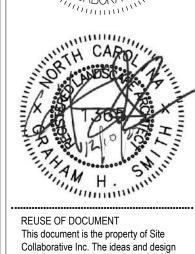












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VET HOSI VETS PETS 1004 BIG ( BIG TOK PROJECT #: ZCP-11-24

PROJECT NUMBER:

project phase: MASTER PLAN

DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

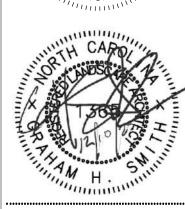
SHEET TITLE: PUBLIC GATHERING SPACE

SHEET NUMBER: L212









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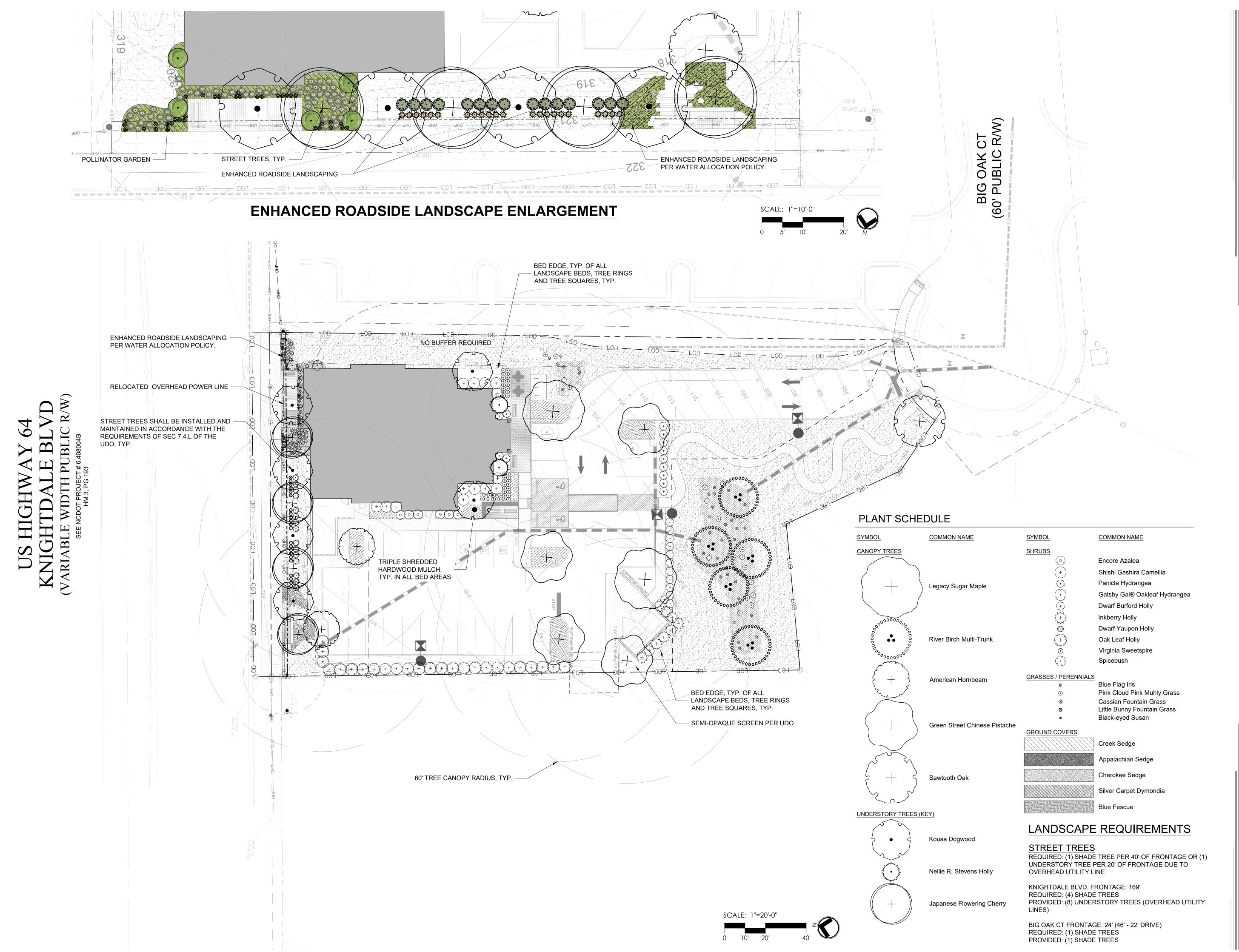
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project phase: MASTER PLAN

DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

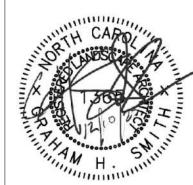
SHEET TITLE: GRADING PLAN

SHEET NUMBER:



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 $\overline{B}$ TOK PROJECT #: ZCP-11-24 PROJECT NUMBER:

MASTER PLAN

DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

BIG

004

SHEET TITLE: PLANTING PLAN

SHEET NUMBER: L400

SYMBOL	COMMON NAME	BOTANICAL NAME	CALIPER	INSTALL HEIGHT	B&B OR CONT.	FORM	QTY	REMARKS
ANOPY TREES								
+ )	Legacy Sugar Maple	Acer saccharum 'Legacy'	2 1/2"	14' MIN.	B&B	SINGLE LEADER	2	Full, Dense, Upright / Strong Central Lead
000000								
00000	River Birch Multi-Trunk	Betula nigra	1 1/2"	8-10' MIN.	B&B	2-3 TRUNKS	5	Bioretention Pond
0000000								
	Ann anis an I I am bassa	Carninus carolinians	0.4/0!!	40.401.84181	DOD	OINOLELEADED	0	Darking Lat Interior
\( \frac{1}{2} \)     \( \frac{1}{2} \)    \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2} \)     \( \frac{1}{2}	American Hornbeam	Carpinus caroliniana	3 1/2"	10-12' MIN.	B&B	SINGLE LEADER	2	Parking Lot Interior
+	Green Street Chinese Pistache	Pistacia chinensis 'Green Street'	2 1/2"	12-14' MIN.	B&B	SINGLE LEADER	4	Parking Lot Interior
+ 5	Sawtooth Oak	Quercus acutissima `Gobbler`	3" MIN.	10-12' MIN.	B&B	SINGLE LEADER	1	Strong, Central Leader   Street Tree
2 2 2								
ERSTORY TREES (F	(FY)							
NOTORY INCLOSE	<u>XZ 1 /</u>							
5 • 5	Kousa Dogwood	Cornus kousa	1 1/2"	10' MIN.	B&B	SINGLE STEM	6	Street Tree
Jumburg.	N.W. B.O. H.W.							
The state of the s	Nellie R. Stevens Holly	Ilex x 'Nellie R. Stevens'	1 1/2" MIN.	8-10' MIN.	B&B	SINGLE STEM	2	
+ )	Japanese Flowering Cherry	Prunus serrulata `Snow Goose`	2 1/2"	10-12' MIN.	B&B	2-3 TRUNKS	4	Street Tree
DL	COMMON NAME	BOTANICAL NAME	SPACING	INSTALL HEIGHT	INSTALL SPREAD	TYPE	QTY	REMARKS
BS								
	Encore Azalea	Azalea encore 'Autumn Royalty' TM	AS SHOWN	24" MIN.	36" MIN.		6	Full, Dense
+	Shishi Gashira Camellia	Camellia sasanqua 'Shishi Gashira'	AS SHOWN	24" MIN.	24" MIN.		14	Full, Dense, Upright
+	Panicle Hydrangea	Hydrangea guereifelia 'Prenhill'	AS SHOWN	24" MIN.	42" MIN.		4	Full Dance
(+)	Gatsby Gal® Oakleaf Hydrangea  Dwarf Burford Holly	Hydrangea quercifolia 'Brenhill' Ilex cornuta `Burfordii Nana`	AS SHOWN AS SHOWN	36" MIN. 18" MIN.	36" MIN. CONTAINER		6 21	Full, Dense Full, Dense   Screening
	Inkberry Holly	llex glabra	AS SHOWN	24" MIN.	24" MIN.		9	Screening
++	Dwarf Yaupon Holly	Ilex vomitoria `Nana`	36"	24" MIN.	24" MIN.		15	Enhanced Roadside Landscaping
**************************************	Oak Leaf Holly	llex x `Oak Leaf`	AS SHOWN	24" MIN.	24" MIN.		19	Screening
<b>⊕</b>	Virginia Sweetspire Spicebush	Itea virginica Lindera benzoin	AS SHOWN AS SHOWN	24" MIN. 32" MIN.	24" MIN. 30" MIN.		20 5	Enhanced Roadside Landscaping
	·	Lindera perizoiri	AS SHOWN	32 WIIIN.	30 MIN.		5	Efficienced Roadside Earldscaping
ASSES / PERENNIALS	S Blue Flag Iris	Iris virginica	AS SHOWN	18" MIN.	16" MIN.		35	
÷	Pink Cloud Pink Muhly Grass Cassian Fountain Grass	Muhlenbergia capillaris 'Pink Cloud' Pennisetum alopecuroides 'Cassian's Choice'	AS SHOWN 24"	18" MIN.	18" MIN.		44	Enhanced Roadside Landscaping Enhanced Roadside Landscaping
<b>⇔</b> ⊙	Little Bunny Fountain Grass	Pennisetum alopecuroides 'Little Bunny'	AS SHOWN	12" MIN. 10" MIN.	12" MIN. 12" MIN.		59 22	Enhanced Roadside Landscaping
₩	Black-eyed Susan	Rudbeckia hirta	AS SHOWN	12" MIN.	12" MIN.		35	Enhanced Roadside Landscaping
UND COVERS	On the Control	0	40"	400.5	400.5			
	Creek Sedge	Carex amphibola	16"	10" MIN.	10" MIN.		442	
	Appalachian Sedge	Carex appalachica	16"	12" MIN.	16" MIN.		123	Enhanced Roadside Landscaping
アイ・ディー・ディー・ディー・ディー・ディー・ディー・ディー・ディー・ディー・ディー	Cherokee Sedge	Carex cherokeensis	16"	12" MIN.	12" MIN.		247	Enhanced Roadside Landscaping

12"

SOD

10" MIN.

10" MIN.

244

335

11,172 sf

Silver Carpet Dymondia

Blue Fescue

Cashmere Zoysia

Dymondia margaretae

Zoysia x 'Cashmere'

Festuca glauca







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# VETS PETS 1004 BIG OAK COURT BIG

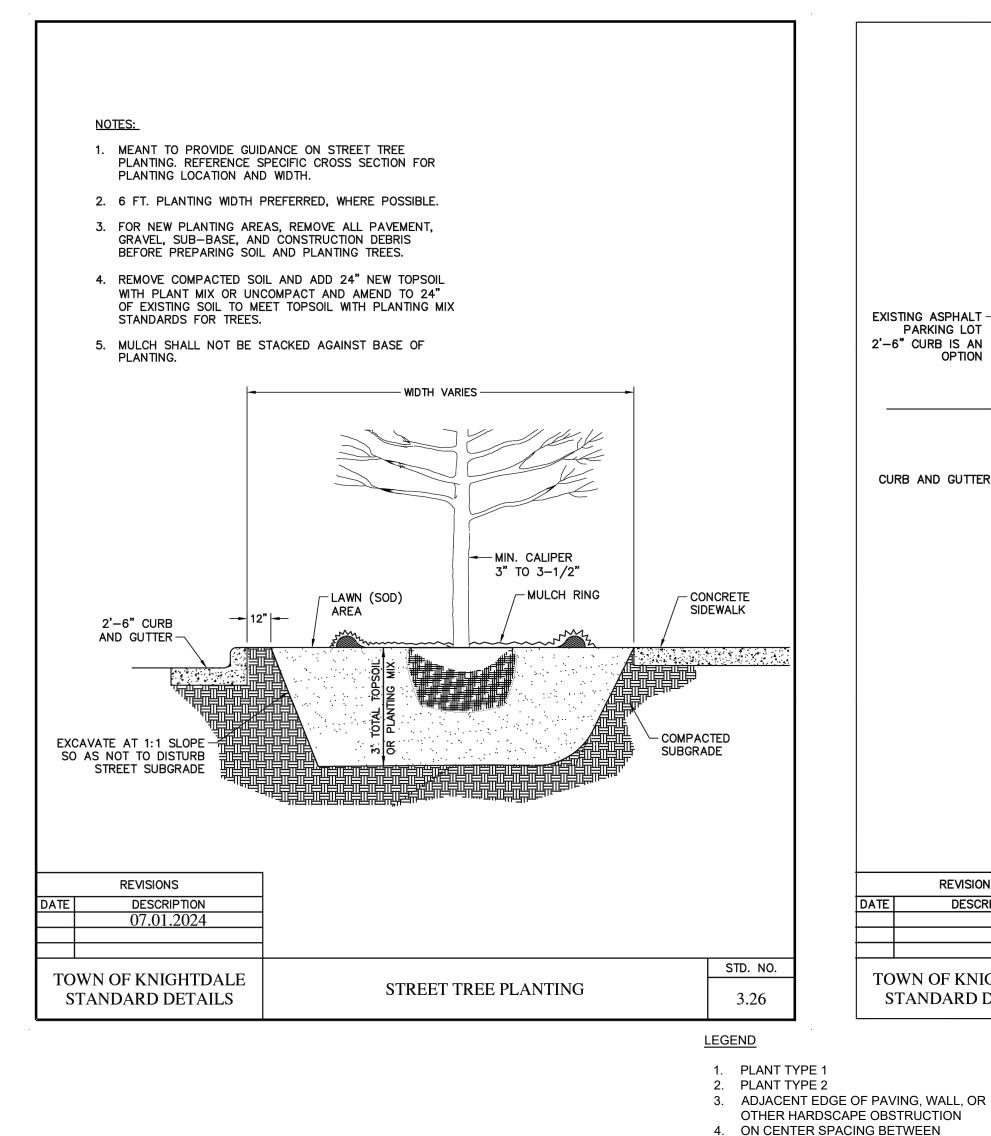
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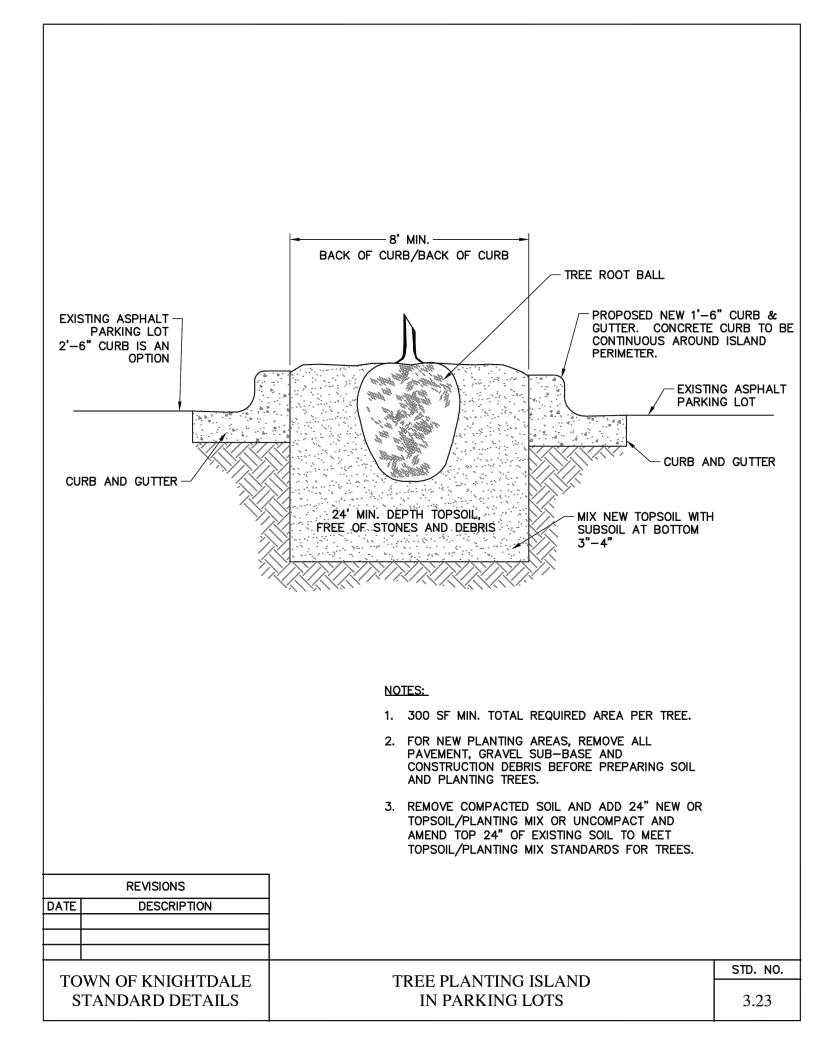
project phase: MASTER PLAN

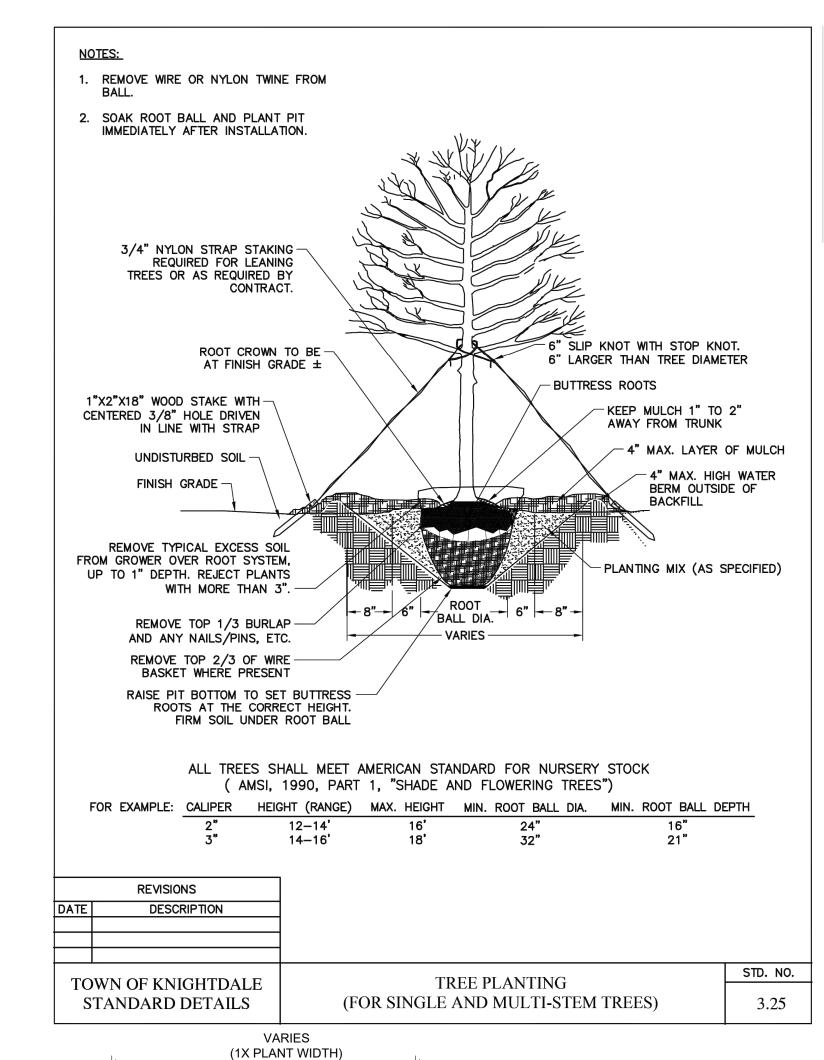
DATE: 08.11.2025 1. RESUBMITTAL 12.10.2025

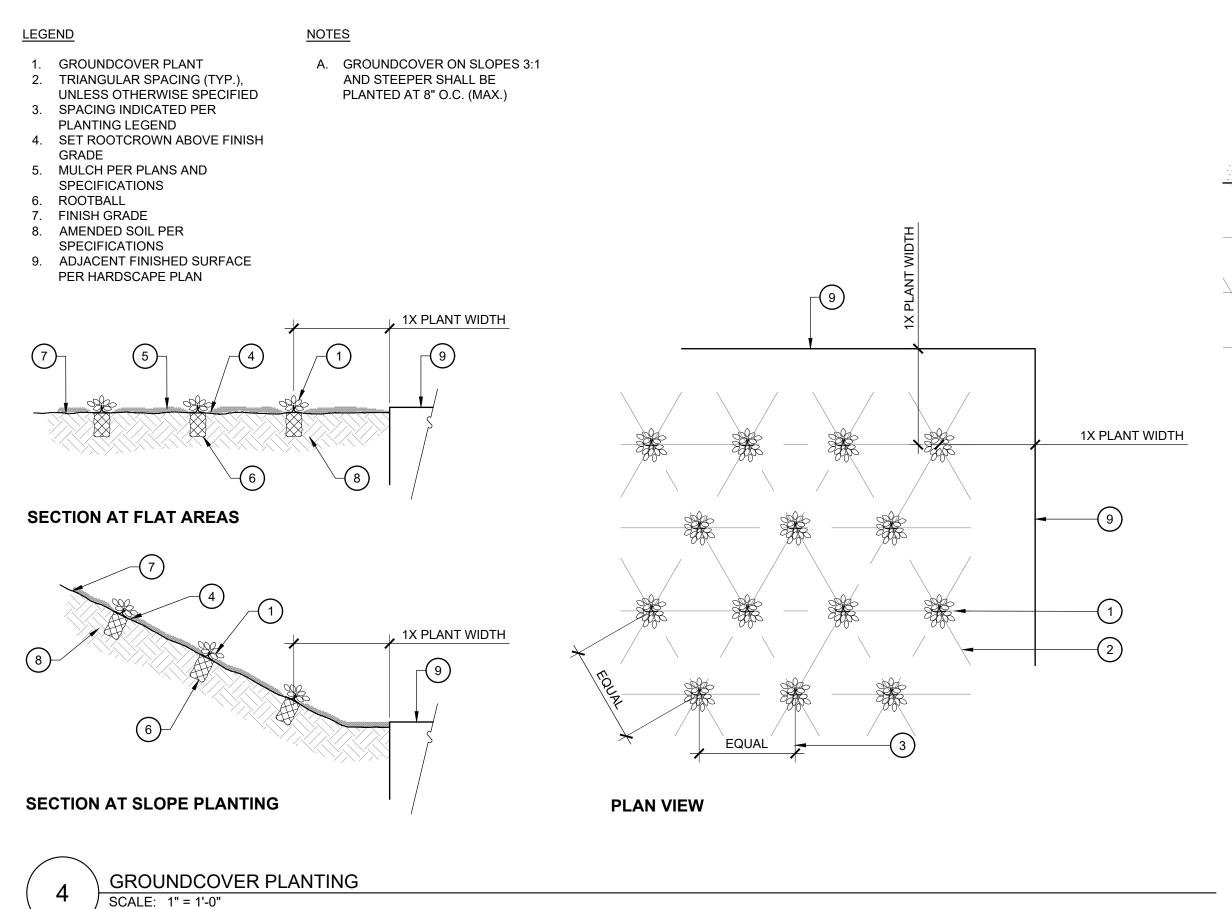
SHEET TITLE: FULL PLANTING SCHEDULE

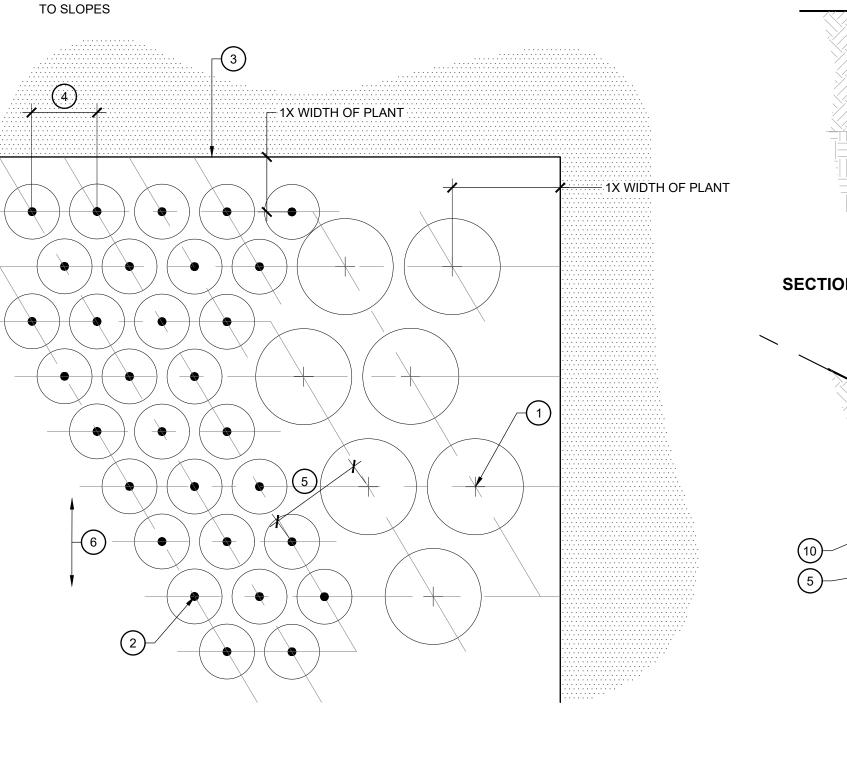
SHEET NUMBER:











INDIVIDUAL PLANTS: DISTANCE VARIES

PER PLANT TYPE, REFER TO PLANTING

ADJACENT, PROVIDE THE GREATER O.C.

6. ORIENTATION OF TRIANGULAR SPACING

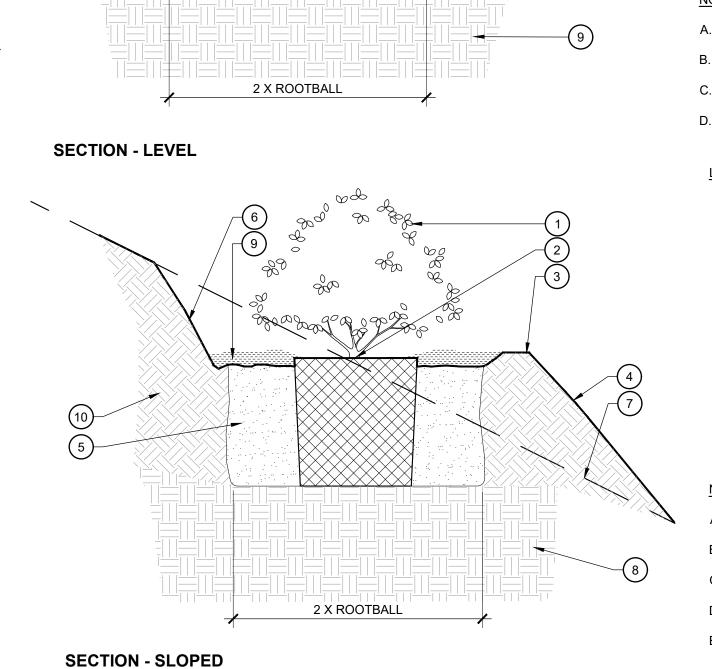
5. WHERE DISTINCT PLANT TYPES ARE

SPACING DISTANCE

**PLAN VIEW** 

PLANT SPACING

SCALE: 1" = 1'-0"



SHRUB PLANTING

SCALE: 1" = 1'-0"

SHRUB PER PLANS 2. SET ROOTBALL CROWN 1" ABOVE FINISH GRADE FINISH GRADE 4. AMENDED SOIL PER SPECIFICATIONS 5. RIPPED AND RECOMPACTED SOIL AMENDED PER SPECIFICATIONS 6. MULCH PER PLANS AND SPECIFICATIONS; KEEP MULCH 4" - 6" FROM TRUNK, STEMS, AND TAPER AT ROOTBALL 7. ADJACENT FINISHED SURFACE PER HARDSCAPE PLAN 8. 4" TALL EARTH BERM @ EDGE OF PLANT PIT, FIRMLY COMPACTED. 9. COMPACTED SUBGRADE PER **SPECIFICATIONS** <u>NOTES</u>

A. REFER TO PLANTING SPECIFICATION FOR ADDITIONAL INFORMATION

B. KEEP MULCH 6" AWAY FROM STEMS AND TAPER AT ROOTBALL

C. TAPER MULCH TO 2" DEPTH AT FLATWORK

D. SET ROOTBALL ON COMPACTED SOIL

# <u>LEGEND</u>

1. SHRUB PER PLANS 2. SET ROOTBALL CROWN 1" ABOVE

FINISH GRADE 3. 6" TALL EARTH BERM @ EDGE OF PLANT PIT

4. FINISH GRADE 5. AMENDED SOIL PER

SPECIFICATIONS 6. LAYBACK SLOPE BEHIND PLANT PIT

LINE OF SLOPE BEYOND 8. COMPACTED SUBGRADE PER GEOTECHNICAL REPORT 9. MULCH PER PLANS AND

SPECIFICATIONS; KEEP MULCH 4" - 6" FROM TRUNK, STEMS, AND TAPER AT ROOTBALL 10. RIPPED AND RECOMPACTED SOIL AMENDED PER SPECIFICATIONS

A. THIS DETAIL USED FOR SLOPES AT 2:1 AND GREATER

B. REFER TO PLANTING SPECIFICATION FOR ADDITIONAL INFORMATION

C. KEEP MULCH 6" AWAY FROM STEMS AND TAPER AT ROOTBALL

D. TAPER MULCH TO 2" DEPTH AT FLATWORK

E. SET ROOTBALL ON COMPACTED SOIL

PLANTING DETAILS

BIG

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C-505

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SHEET TITLE:

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TOK PROJECT #:

ZCP-11-24

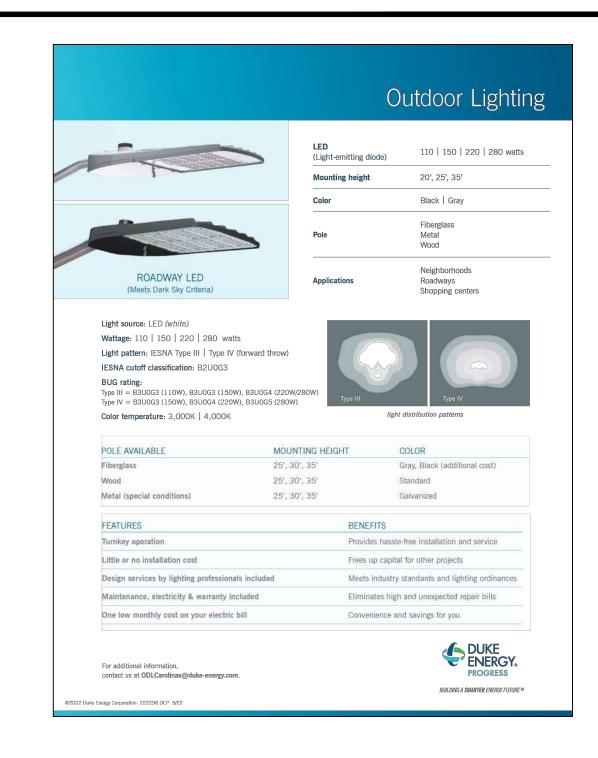
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MASTER PLAN

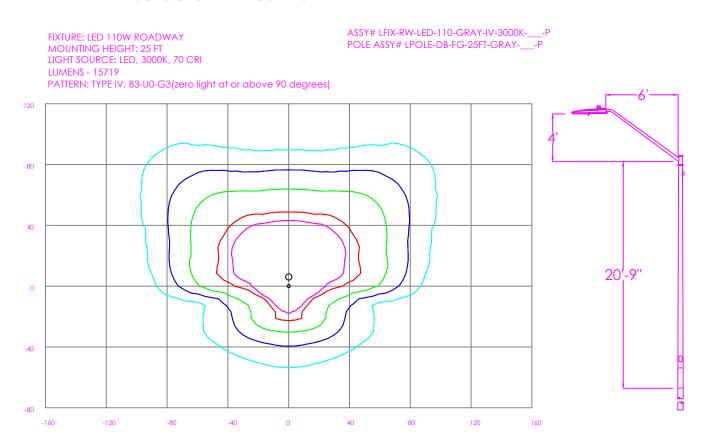
DATE: 08.11.2025

1. RESUBMITTAL 12.10.2025

(60' PUBLIC R/W)



# ISOFOOTCANDLE CURVES



LEGEND (OUTER to INNER): 0.10, 0.25, 0.50, 1.00, 1.25

**Statistics** Avg Avg/Min Symbol Max Max/Min Description 2.4:1 Parking 1.2 fc 2.8 fc 0.5 fc 5.6:1

Schedule						
Symbol	Label	QTY	Description	Number Lamps	Lamp Output	LLF
	A	3	LED 110w Roadway - Type IV - 3000K	1	15719	0.85

DISTANCE CALIBRATION (INCHES) 0. 5 1. 0 2. 0 3. 0 NO. DATE **REVISION** BY

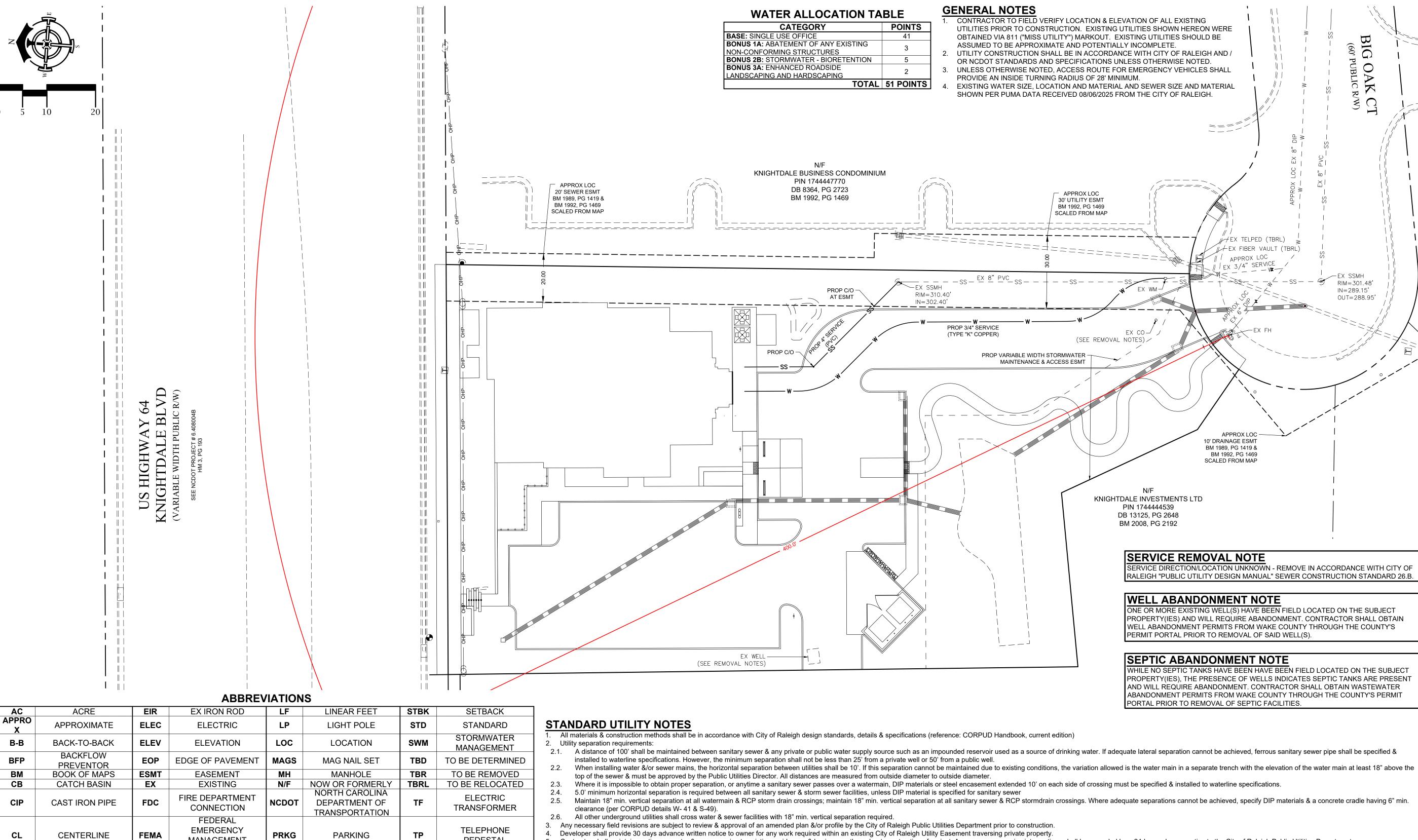
# **LIGHTING DESIGN TOLERANCE** The calculated footcandle light levels in this lighting design

are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect



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BIG OAK VET								
	KNIGHTDALE, NC							
	SITE LIGHTING ARRANGEMENT							
Designed by	DUKE ENERGY	PROGRESS I	LIGHTING SOLUTIONS					
Reviewed by	N. Johnson		1" = 30'					
Date08/13/2		Size _	Drawing size "D"					
Description <u>LED ROADWAY</u>								
	25-0364	ŀΑ	Sht. 1 OF 1					



B-B **BFP MANAGEMENT** PEDESTAL **AGENCY** CO PG TYP **CLEANOUT** FIRE HYDRANT PAGE **TYPICAL** CONC PP **POWER POLE** UNK CONCRETE FORCE MAIN UNKNOWN TLITY PLACEMENT UPE COR CITY OF RALEIGH **FLOODPLAIN PROP PROPOSED ESMT GEOGRAPHIC** CP GIS WV COMPUTED POINT INFORMATION **PVC** POLYVINYL CHLORIDE WATER VALVE SYSTEM REINFORCED CONC **RCP** WLE DB **GAS METER** WATER LINE ESMT DEED BOOK **DROP INLET GALVANIZED PIPE ROW** WATER METER **RIGHT-OF-WAY** DIP YARD INLET DUCTILE IRON PIPE **GUY ANCHOR** R/W ΥI RALEIGH STREET DTL DETAIL **HOT BOX RSDM** DESIGN MANUAL **HIGH DENSITY** 

POLYETHYLENE

IRON PIPE SET

**SQUARE FEET** 

SANITARY SEWER

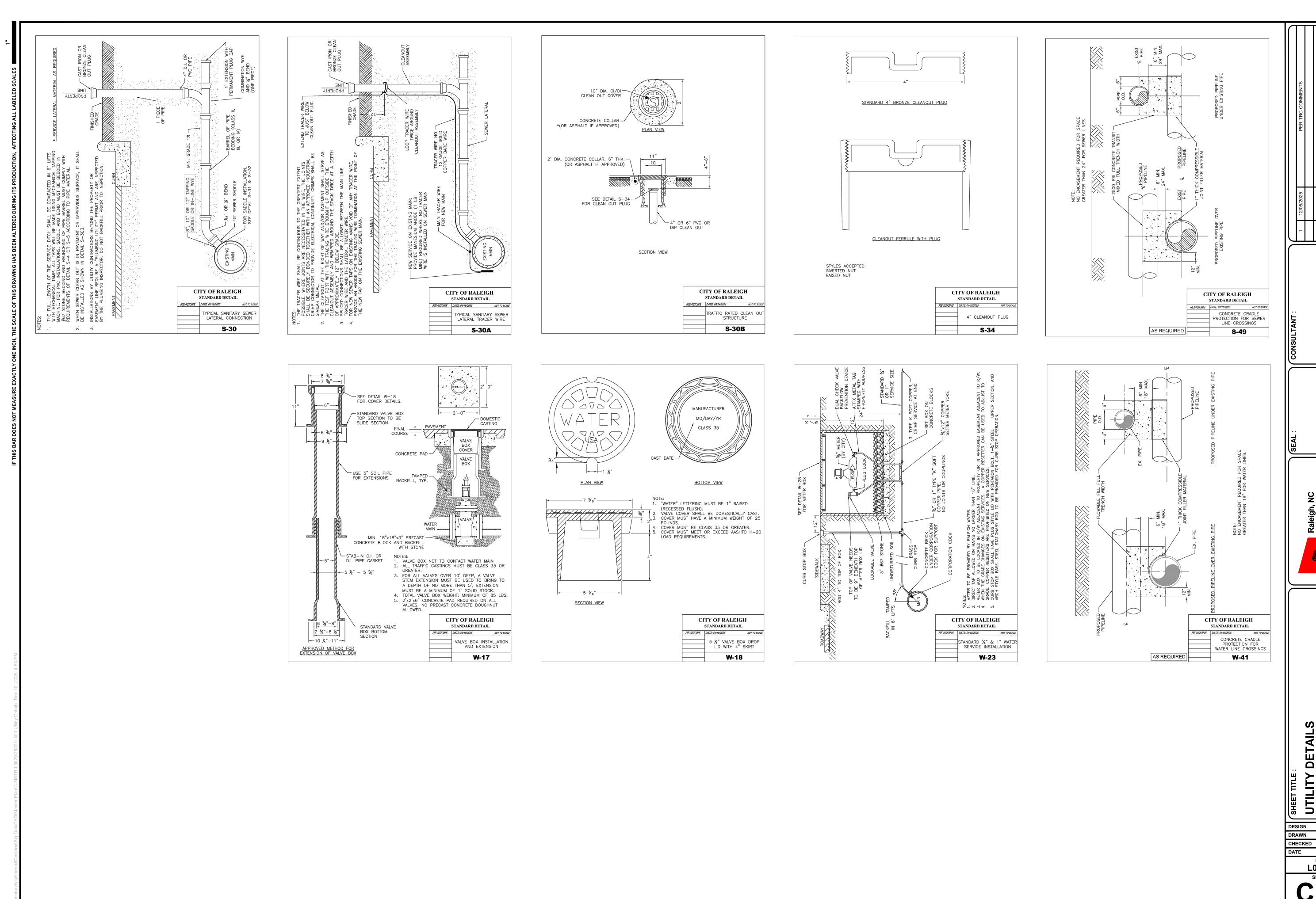
EX CONC MONUMENT

**EX IRON PIPE** 

- 5. 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.
- 6. 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. 7. 3.0' minimum cover is required on all water mains & sewer force mains. 4.0' minimum cover is required on all reuse mains.
- 8. 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. 9. Install 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.
- 10. Inspections of 4" and larger water mains of the private distribution system will be inspected as part of the infrastructure permit. 11. Private sewer mains as part of a collection system are permitted and inspected under the private Infrastructure permit for sewer.
- 12. Any water or sewer services on private property that will be installed under Construction Drawings may require a Plumbing Utility Permit in the City of Raleigh. Consult with the Engineering Inspection Coordinator during the pre-construction meeting on the necessary permits.
- 13. Install sewer services with cleanouts located at ROW or easement line & spaced per the current NC Plumbing code.
- 14. 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.
- 15. 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. 16. NCDOT / Railroad Encroachment Agreements are required for any utility work (including main extensions & service taps) within state or railroad ROW prior to construction.
- 17. Grease Interceptor / Oil Water Separator sizing calculations & installation specifications shall be approved by the RW FOG Program Coordinator prior to issuance of a UC and/or Building Permit. Contact (919) 996-4516 or fog@raleighnc.gov for more information.
- 18. 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.
- 19. The devices shall meet the American Society of Sanitary Engineering (ASSE) standards and be on the University of Southern California approval list.
- 20. The device and installation shall meet the guidelines of Appendix A Guidelines and Requirements for the Cross Connection Program in Raleigh's Service Area. 21. 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.
- 22. 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. 23. Private sub-metering No resale of water shall occur without approval of the North Carolina Utility Commission. Sub-metering shall be in accordance with Section 1400 of the "SAFE DRINKING WATER ACT".

DRAWN CHECKED

PROJECT No. L0029.25001

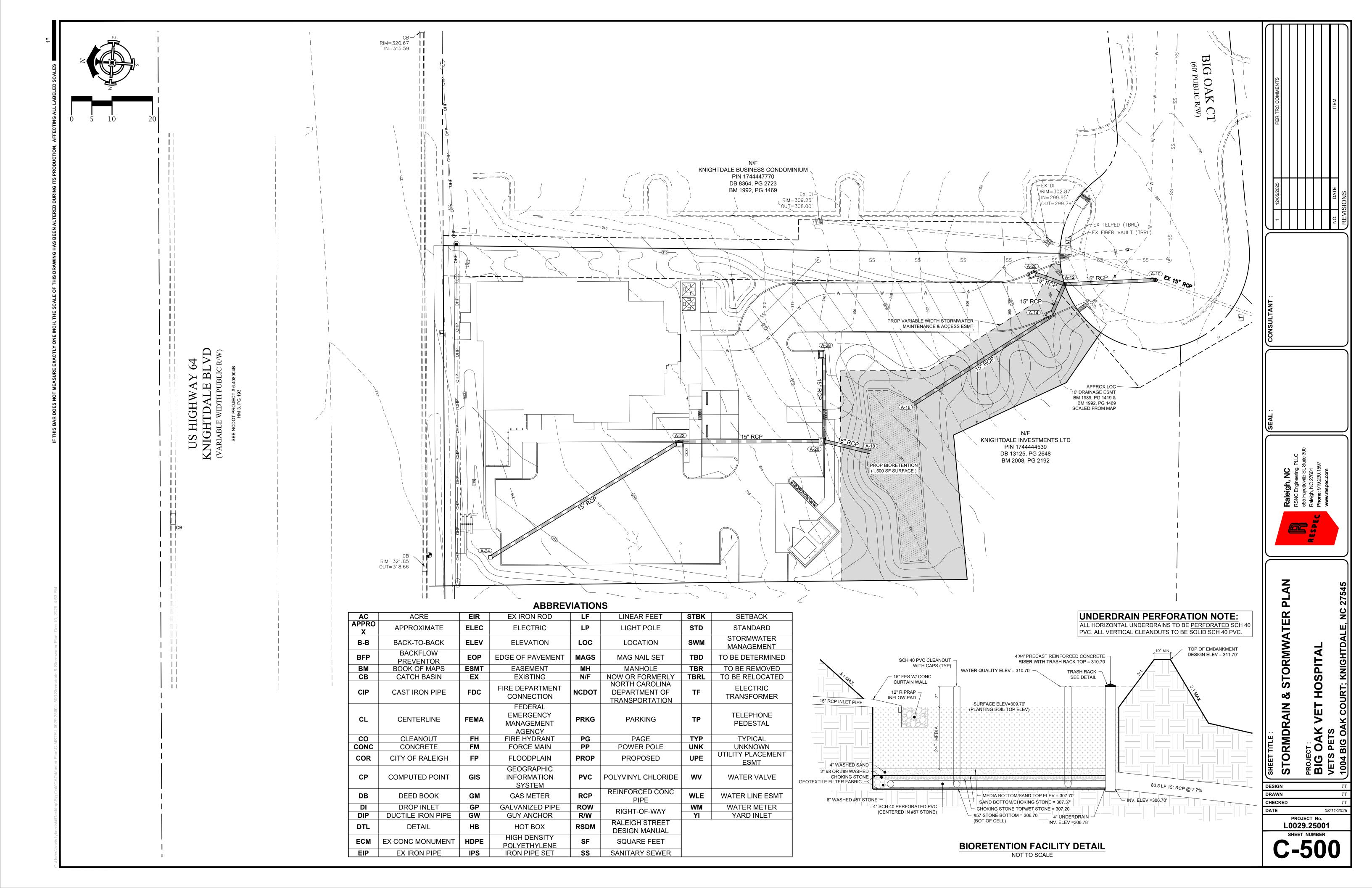


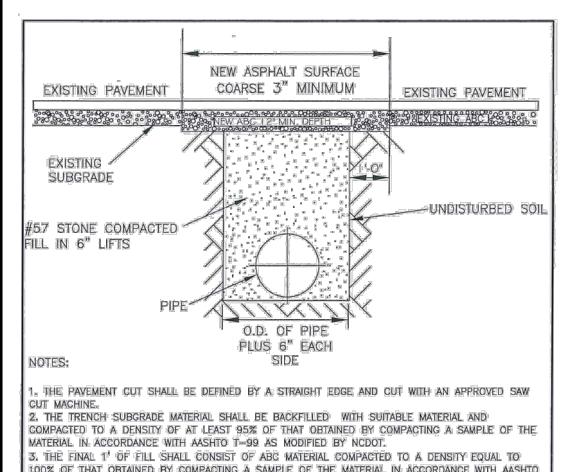
08/11/2025 PROJECT No. L0029.25001

HOSPITA

**DETAIL**\$

UTILITY





100% OF THAT OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH AASHTO T-80 AS MODIFIED BY NCDOT.

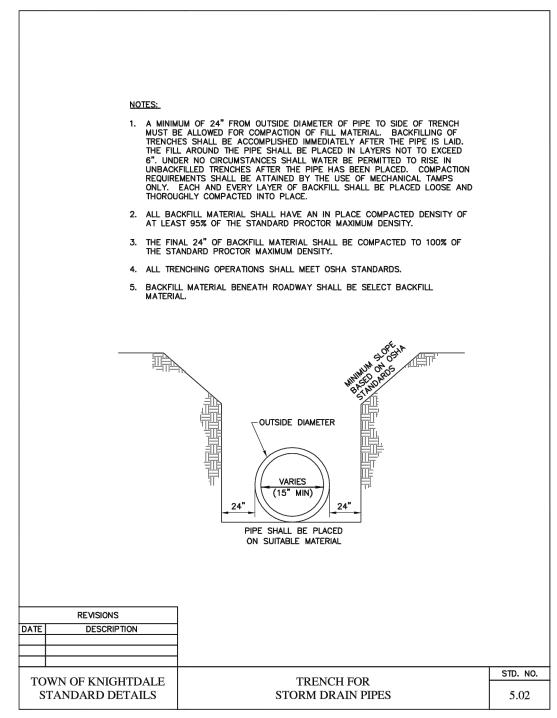
4. THE ENTIRE THICKNESS/ VERTICAL EDGE OF CUT SHALL BE TACKED. 5. THE SAME DEPTH OF PAVEMENT MATERIAL WHICH EXISTS SHALL BE REINSTALLED, BUT IN NO CASE

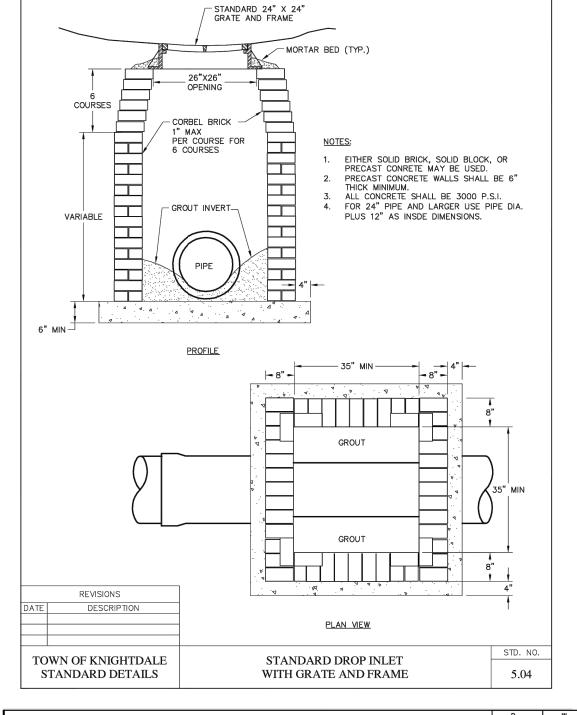
SHALL THE ASPHALT BE LESS THAN 3" THICK. 6. THE ASPHALT PAVEMENT MATERIAL SHALL BE INSTALLED AND COMPACTED THOROUGHLY WITH A SMOOTH DRUM ROLLER TO ACHIEVE A SMOOTH LEVEL PATCH. 7. NO HAND PATCHING ALLOWED.

8, PAVEMENT CUTS WITHIN NCDOT ROW SHALL CONFORM TO THE APPROVED ON SITE ENCROACHMENT

9. MINIMUM PATCH WIDTH TO BE WIDTH OF THE ROADWAY. 0. ANY EXISTING PAVEMENT MARKINGS DISTURBED BY WORK SHALL BE REPLACED.

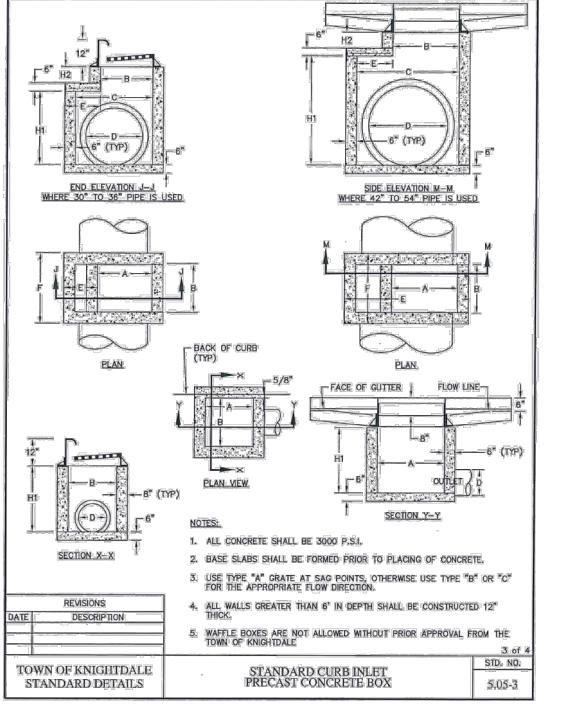
REVISIONS DESCRIPTION STANDARD ASPHALT TOWN OF KNIGHTDALE STANDARD DETAILS PAVEMENT PATCH DETAIL 3.14

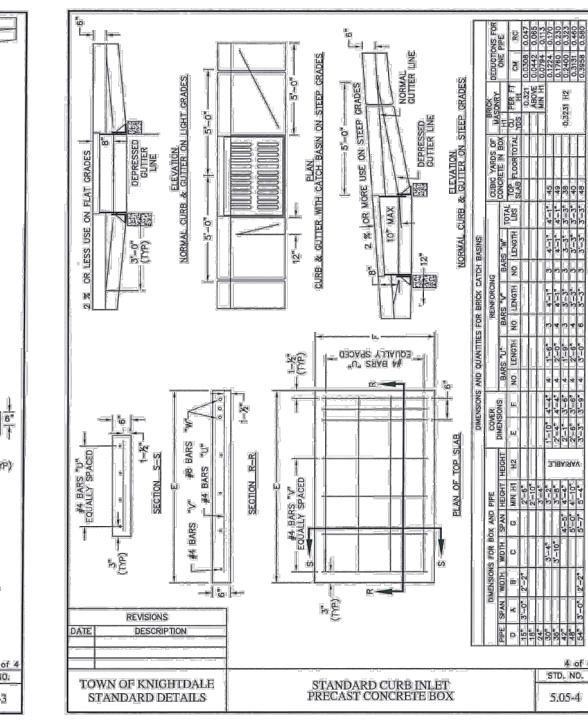


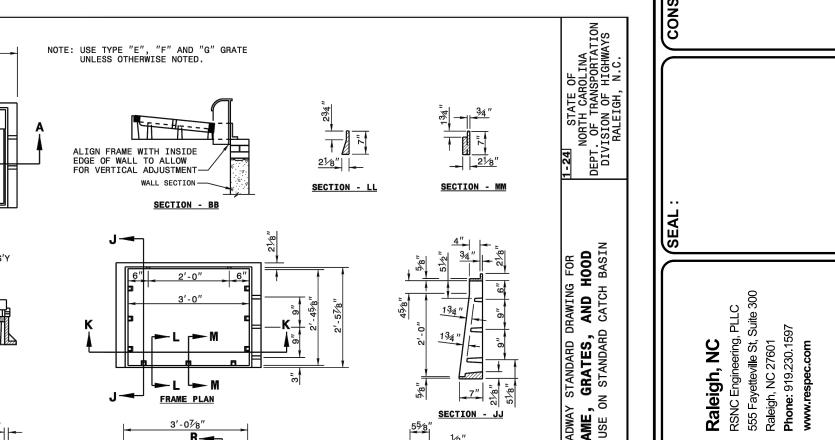


SE 4000 PSI MINIMUM COMPRESSIVE STRENGTH CONCRETE.

FABRICATE, ASSEMBLE AND DESIGN PRECAST MANHOLE COMPONENTS ACCORDANCE WITH AASHTO M199.







SECTION - RR

11/2"

21/4"

2'-11¾"

TYPE G

11/2"

RAISED FLOW ARROW

-1/16" HIGH

234"

∠TYPE "E" ∠TYPE "G"

SECTION A-A

RAISED FLOW ARROW

134"

SECTION B-B

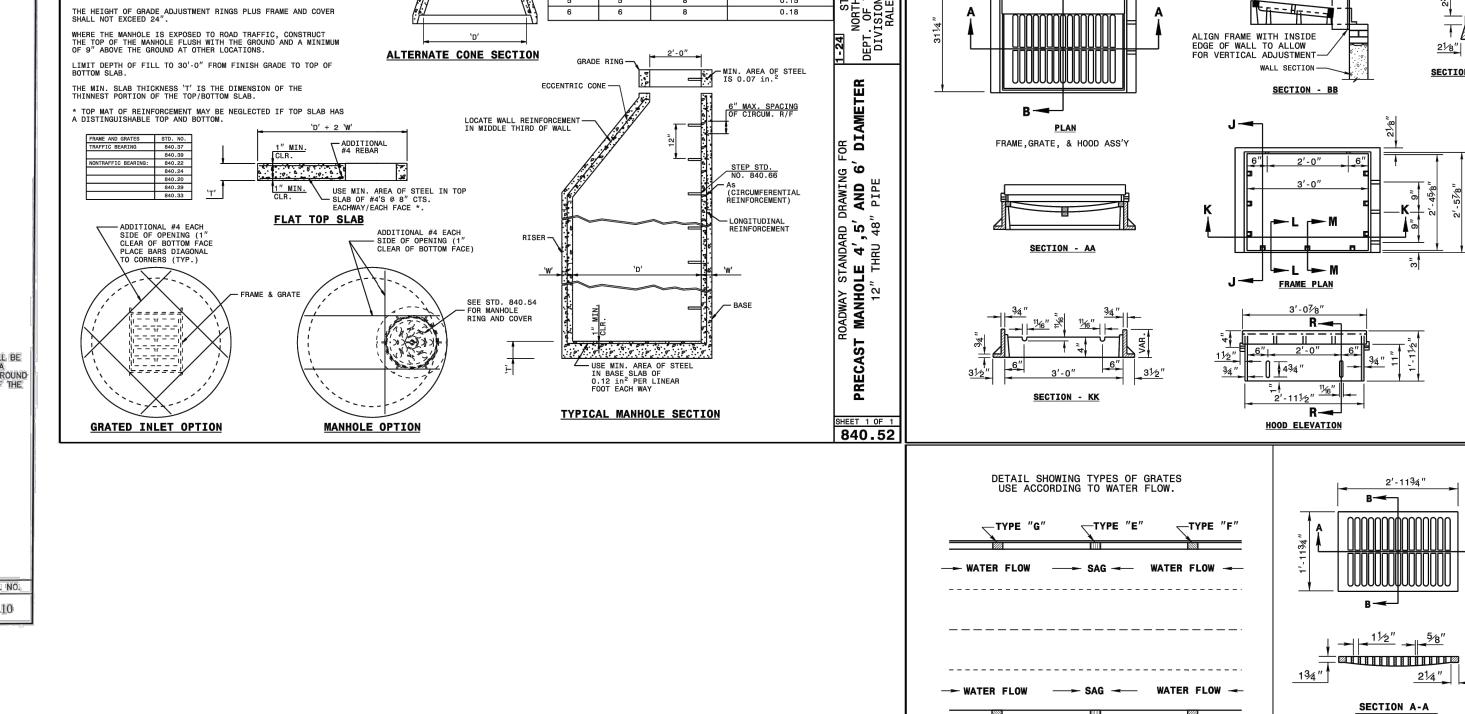
11/2"

SHEET 2 OF 2 840.03

Mandandunpum

SECTION A-A

<u>√8"</u>



MIN. CIRCUMFERENTIA

AREA OF STEEL

(SQ. IN.)

PER VERTICAL FT

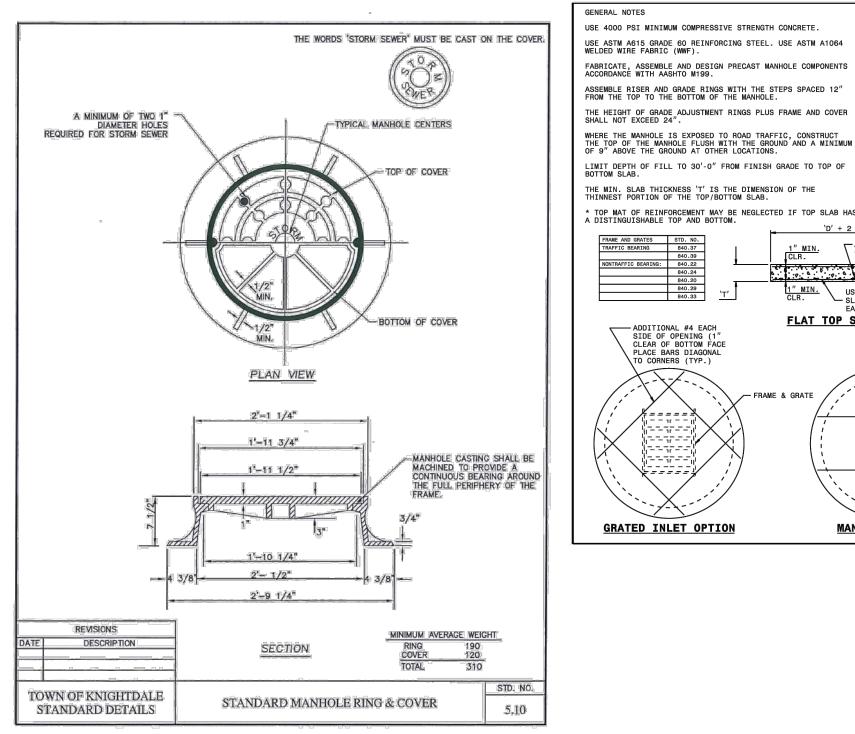
TOP/BOTTOM

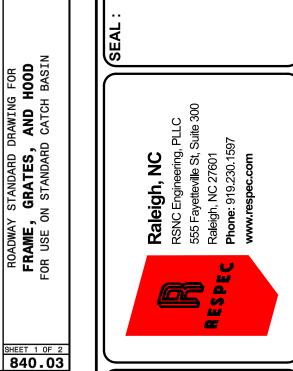
(IN.)

THICKNESS | SLAB THICKNESS

(IN.)

DIAMETER



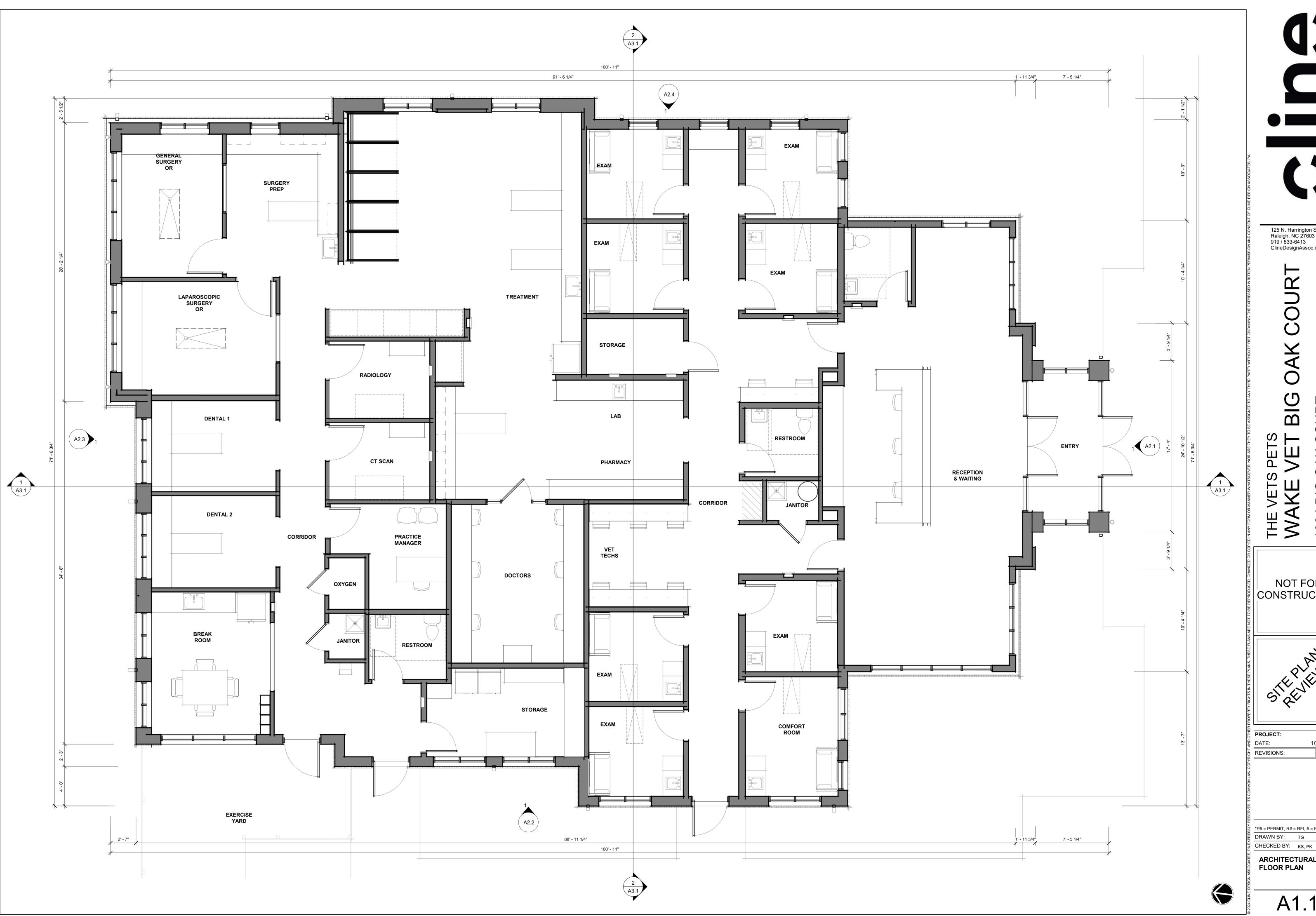


HOSPITA DET

STORMDRAIN **DESIGN** DRAWN CHECKED

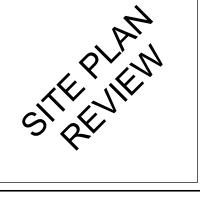
PROJECT No. L0029.25001

SHEET NUMBER



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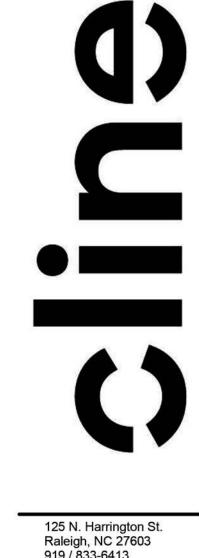


024187 10.14.2025 DATE

\*P# = PERMIT, R# = RFI, # = REVISION DRAWN BY: TG

ARCHITECTURAL FLOOR PLAN

A1.1



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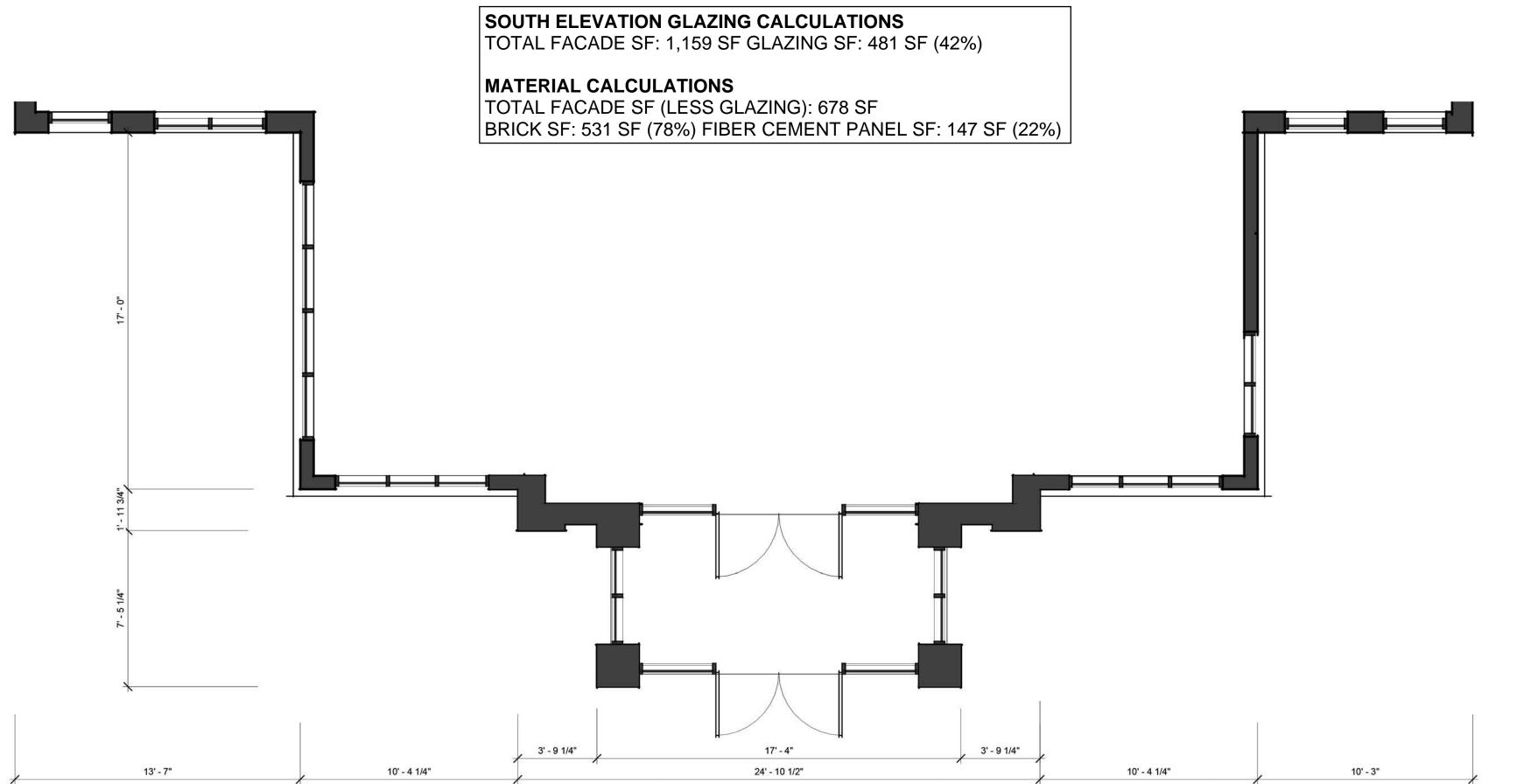
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DATE:	10.14.2025
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**SOUTH ELEVATION** 





SOUTH ELEVATION

A2.1



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THE VETS PETS
WAKE VET BIG OAK

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SITEPLAN

PROJECT: 024187

DATE: 10.14.2025

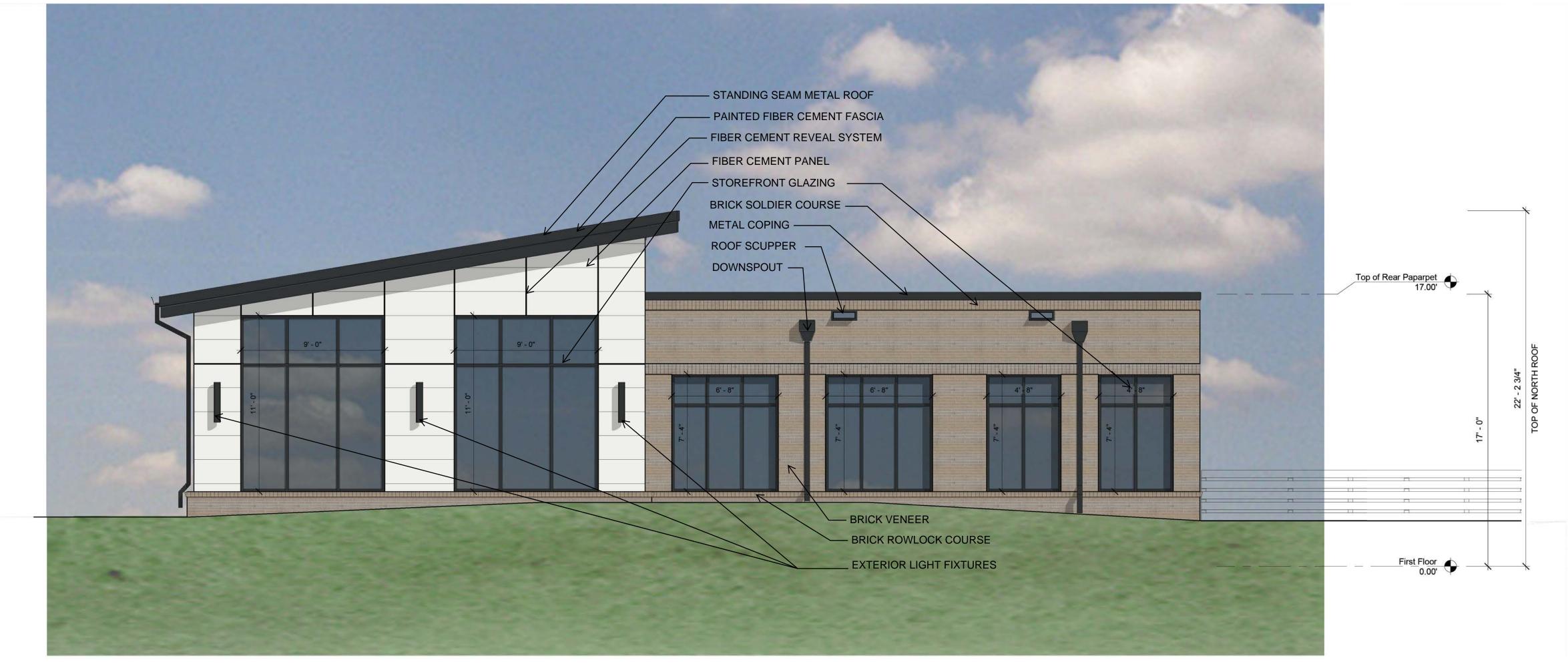
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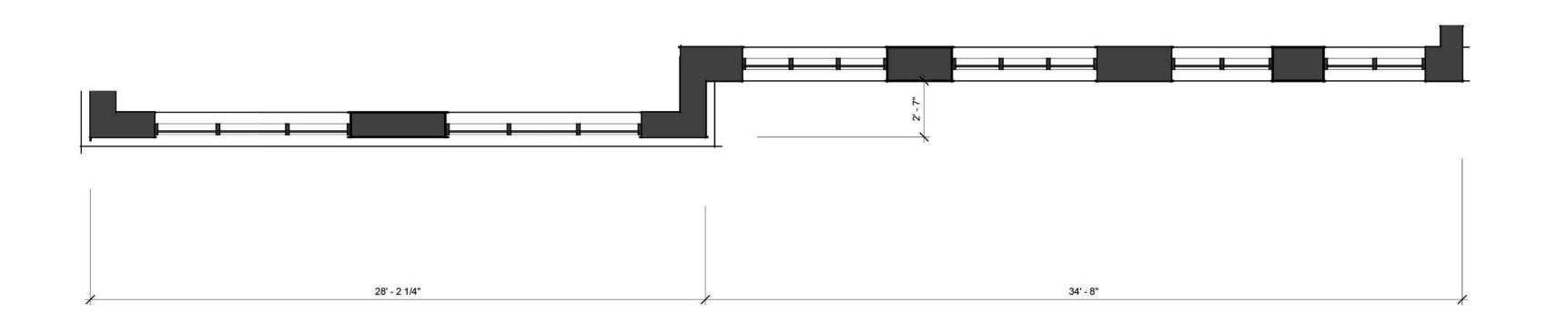
CHECKED BY: KS, PK

WEST ELEVATION



NORTH ELEVATION GLAZING CALCULATIONS TOTAL FACADE SF: 891 SF GLAZING SF: 364 SF (41%)

MATERIAL CALCULATIONS
TOTAL FACADE SF (LESS GLAZING): 527 SF
BRICK SF: 325 SF (62%) FIBER CEMENT PANEL SF: 202 SF (38%)



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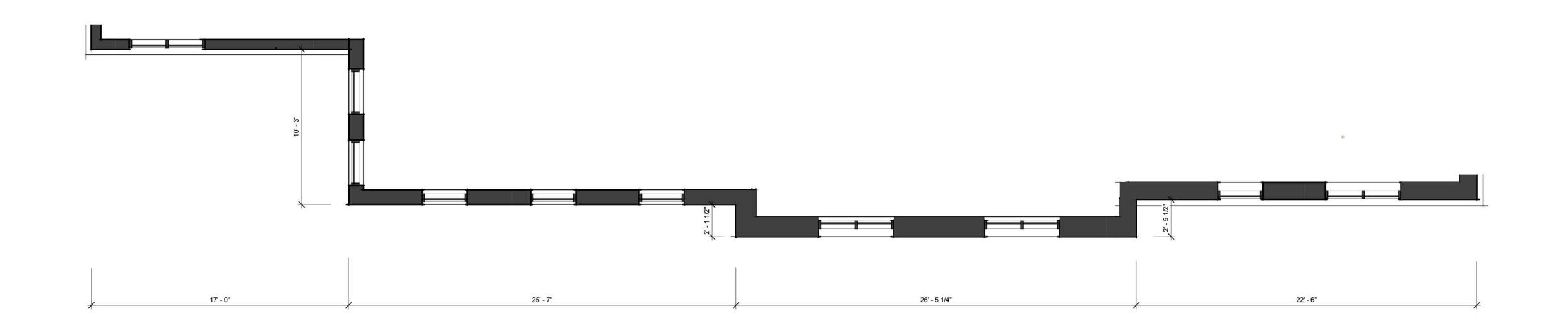
PROJECT:	024187
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NORTH ELEVATION



MATERIAL CALCULATIONS
TOTAL FACADE SF (LESS GLAZING): 1,050 SF
BRICK SF: 668 SF (64%) FIBER CEMENT PANEL SF: 382 SF (36%)



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THE VETS PETS
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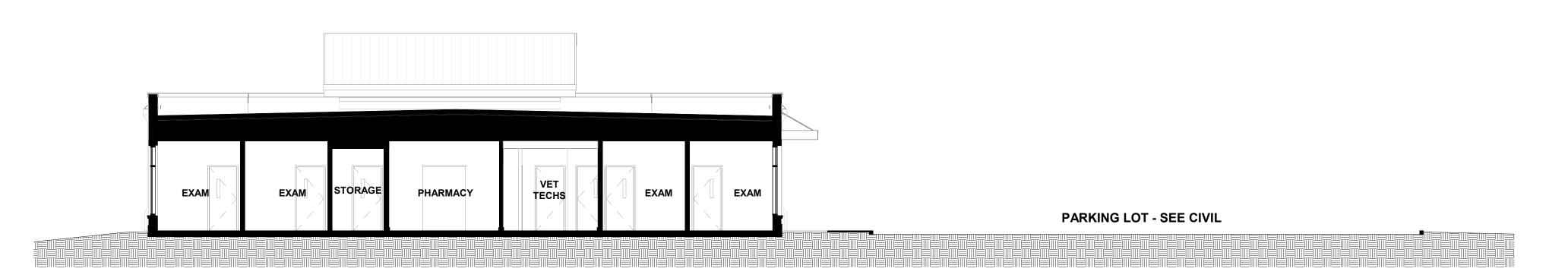
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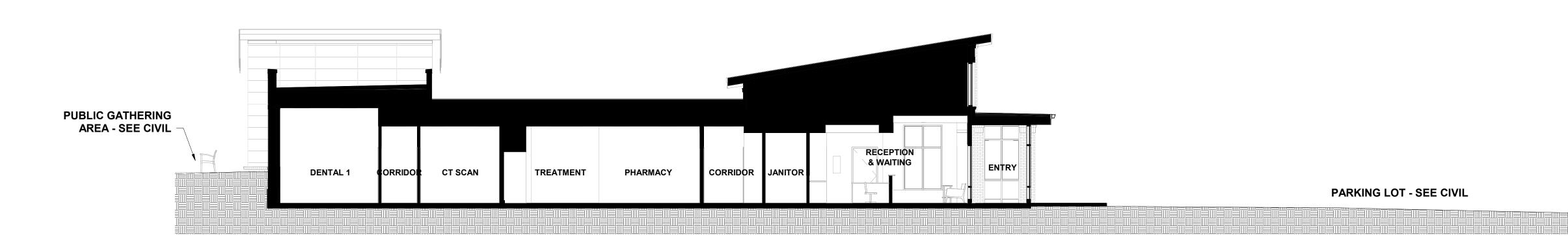
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EAST ELEVATION



TRANSVERSE SECTION
1/8" = 1'-0"
2



LONGITUDINAL SECTION
1/8" = 1'-0"

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ETS PETS

KE VET BIG OAK COURT

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CROSS SECTIONS

A3.1



PALMETTO BRICK VENEER 2.0 GREYSTONE WIRECUT





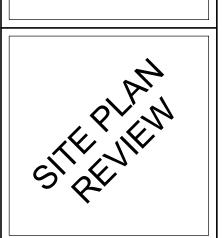
STOREFRONT, GUTTERS, FASCIA, DOWNSPOUTS DARK BRONZE - PANTONE 7518V



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ET BIG OAK COURT

NOT FOR CONSTRUCTION



<u>~</u>	
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MATERIAL BOARD

A4.0