



MECHANICAL UNITS NOTE: ALL MECHANICAL HVAC UNITS SHALL BE ROOFTOP MOUNTED AND PROPERLY SCREENED. PLEASE SEE ARCHITECTURAL SHEET AR3.01 FOR BUILDING SECTION.

NOTE: PLASTIC BOTTLE RECYCLING SHALL BE COLLECTED WITH ROLL-OUT BINS INSIDE DUMPSTER ENCLOSURE.

NOTE: CONTRACTOR SHALL ENSURE THAT ALL WORK COMPLIES WITH APPLICABLE NORTH CAROLINA BUILDING CODES, HANDICAPPED ACCESSIBILITY CODE VOL. 1C, THE TOWN OF APEX AND NCDOT STANDARDS, DETAILS AND SPECIFICATIONS.

NOTE: CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IMMEDIATELY IF ANY CONFLICTS, INCONSISTENCIES OR AMBIGUITIES EXIST BETWEEN ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL & CIVIL DRAWINGS & SPECIFICATIONS. IF HIDDEN SITE CONDITIONS ARE DISCOVERED DURING CONSTRUCTION/DEMOLITION, THE CONTRACTOR SHALL OBTAIN WRITTEN RESOLUTION PRIOR TO PROCEEDING WITH CONSTRUCTION. OTHERWISE, THE CONTRACTOR PROCEEDS AT THEIR OWN RISK.

TOWN OF APEX NOTES:

- If buildings are to be demolished, a copy of the Demolition Notification from the NC Health Hazard Control Unit and an asbestos inspection report from a NC accredited asbestos inspector must accompany the application for the demolition permit which must be obtained prior to start of the demolition.
- All grading and support structures associated with any retaining structure shall not encroach into any required buffer or protected area (e.g. RCA, the critical root zones of trees, public utility easements and rights-of-way), and shall be contained entirely on site.
- All grading plans must comply with the requirements outlined in Appendix J of the Building Code.
- Site elements required to satisfy recreational requirements such as, but not limited to, play fields, greenway trails and items typically associated with them (benches, trash containers, signs, etc.) must meet any applicable standards found in the Town of Apex Standard Specifications and Standard Details and the requirements of the Town of Apex Parks, Recreation, & Cultural Resources Department.
- The screening of loading docks, roll-out trash containers, dumpsters, outdoor storage, mechanical and HVAC equipment, and similar facilities on the roof, ground, or building shall meet the requirements of UDO Sec. 8.2.8. Specifically, screening must be done so that:
 - It is incorporated into the overall design theme of the building and landscape.
 - Screening materials are not different from or inferior to the principal materials of the building or landscape, and are similar in materials and color.
 - Screened items are out of view from adjacent properties and public streets, and a totally opaque screen is achieved.
 - Any ground-mounted HVAC or other mechanical or utility equipment six (6) feet tall or higher must be fenced and landscaped.
 - Dumpster enclosures must meet the above requirements plus be eight (8) feet tall or the height of the dumpster, whichever is greater, and be built of masonry material with opaque gates. Where practicable, shrubs or other plants must be planted outside the enclosure to visually soften the appearance.
- All required site elements shown within a particular phase must be installed before a final Certificate of Occupancy may be issued for any building within that phase.
- Prior to scheduling a final site inspection, all site items (e.g. lighting, landscaping, mulching, screening for dumpsters, mechanical equipment, HVAC, etc., seeding & site stabilization, and parking and pavement marking) must be completed.
- Individual signs are not approved as part of the site plan approval process. A separate sign permit must be obtained prior to installation of the sign. Multiple use lots, non-residential subdivisions and multiple tenant lots must submit a Master Sign Plan for approval.
- All roads and sidewalks to remain open during construction.
- All roadway closures are pending Town of Apex staff approval. Contractor shall contact Sajid Hassan (sajid.hassan@apexnc.org) a minimum of three (3) weeks prior to roadway closure and provide all pertinent information related to the roadway closure.
- In the case of a road closure, all detour signs shall be inspected and approved by the Transportation & Infrastructure Development Department prior to beginning of work.
- All partial land and shoulder closures shall adhere to standard NCDOT work zone drawings.

RCA REQUIRED:	150,446 SF / 3.45 ACRES (25%)
RCA PROVIDED:	
RCA#1 (RIPARIAN BUFFERS)	46,930 SF (1.08 ACRES)
RCA#2 (50% SCM AREA)	31,936 X 0.50 = 15,968 SF (0.37 ACRES)
RCA#3 (PHASE I PERIMETER BUFFERS)	98,537 SF (2.26 ACRES)
TOTAL RCA PROVIDED	161,435 SF (3.71 ACRES) (27%)

RETAINING WALL NOTE: THE PROPOSED MSE RETAINING WALLS IN PHASE II OF SHELTON STATION SHALL MATCH THE EXISTING RETAINING WALL IN PHASE I. ENGINEERED RETAINING WALL PLANS WILL BE PROVIDED AT TIME OF CONSTRUCTION DRAWINGS SUBMITTAL. MSE RETAINING WALL DETAILS ON THIS MINOR SITE PLAN ARE NOT INTENDED FOR CONSTRUCTION AND ARE PROVIDED FOR REFERENCE ONLY

SITE PLAN KEYNOTES

- INSTALL 30" CURB & GUTTER (SEE DETAIL ON SHEET C7.0).
- INSTALL HEAVY DUTY ASPHALT IN DRIVE AISLES AND PRIVATE DRIVE AS SHOWN (SEE DETAIL ON SHEET C7.0).
- INSTALL LIGHT DUTY ASPHALT IN PARKING STALLS AS SHOWN (SEE DETAIL ON SHEET C7.0).
- PROPOSED LOADING DOCK AREA. INSTALL 8" HEAVY DUTY REINFORCED CONCRETE WITH #4 REBAR AT 12" O.C. EACH WAY. CONCRETE SHALL BE 4,000 PSI MAX @ 28 DAY STRENGTH AND HAVE 3-5 INCHES OF SLUMP AND 2-6" AIR ENT MAX
- PROPOSED WB-50 WHEEL PATH
- PROPOSED ADA PARKING SPACES WITH STRIPED AISLES (SEE DETAILS ON SHEET C7.0).
- ADA SIGNAGE CENTERED ON ADA PARKING SPACES (TYP) (SEE DETAIL ON SHEET C7.0).
- PROPOSED CURB RAMP (SEE TOWN OF APEX DETAIL ON SHEET C7.1).
- INSTALL CONCRETE WHEEL STOPS 30" FROM SIDEWALK TO TIRE SIDE OF WHEELSTOP (TYP) (SEE DETAIL ON SHEET C7.0).
- PROPOSED LOCATION OF SPIRAL HELIX BICYCLE RACKS (POWDER COATED OR STAINLESS STEEL) (SEE DETAIL ON SHEET C7.2).
- PROPOSED 6 FT WIDE CONCRETE SIDEWALK (SEE DETAIL ON SHEET C7.0)
- PROPOSED LOCATION OF PAD MOUNTED TRANSFORMERS (BY DUKE ENERGY). DUKE ENERGY WILL PROVIDE FINAL TRANSFORMER SIZING AND CONCRETE PAD SIZES, LOCATIONS AND DETAILS PRIOR TO CONSTRUCTION. PER TOA UDO, TRANSFORMER MAY NOT BE LOCATED CLOSER THAN 10 FT FROM THE PROPOSED BUILDING.
- LOCATION OF PROPOSED PRIVATE LIGHT POLES (SEE PHOTOMETRIC PLAN FOR DETAILS)
- PROPOSED LOCATION OF SCM DEVICE (WET DETENTION POND)
- INSTALL 4" YELLOW FIRE LANE STRIPING WITH 8" YELLOW LETTERS STATING "NO PARKING - FIRE LANE" SPACE AT 75 FT INTERVALS
- INSTALL 6 EV PARKING SPACES. SEE DETAIL ON SHEET C7.0.
- INSTALL DUAL-LEVEL 2 EV CHARGING STATION. CONTRACTOR SHALL INSTALL ALL NECESSARY CONDUITS, WIRING, PANELS AND BREAKERS TO SUPPLY LEVEL 2 EV CHARGING STATIONS. INSTALL 2 - 2" CONDUITS FROM BUILDING TO EV CHARGING STATION. INSTALL PULL BOX AT END OF CONDUIT.
- PROPOSED DUMPSTER LOCATION. DUMPSTER ENCLOSURE TO MATCH COLOR AND MATERIAL OF BUILDING (SEE DETAIL ON SHEET C7.2 FOR LAYOUT AND ENCLOSURE DETAILS).
- INSTALL SEGMENTED BLOCK MSE RETAINING WALLS WITH ALUMINUM SAFETY RAIL (COLOR: BROWN) (RETAINING WALL SHOWN FOR REFERENCE ONLY)
- INSTALL ADA ACCESSIBLE WALKWAY FROM BUILDING TO SIDEWALK IN PUBLIC RIGHT OF WAY.
- PROPOSED MAIL KIOSK (SEE TYPICAL KIOSK DETAIL ON SHEET C7.3).
- PROPOSED PARK BENCH (SEE AVONDALE BACK BENCH DETAIL ON SHEET C7.3).
- PROPOSED MONUMENT SIGN LOCATION FOR REFERENCE ONLY (SIGNAGE APPROVAL REQUIRED BY SEPARATE PERMIT TO BE COORDINATED AND OBTAINED BY SIGN COMPANY/SUB-CONTRACTOR). MONUMENT SIGN MUST BE LOCATED WITHIN A 10' SIGN EASEMENT.
- INSTALL 24" WIDE PAINTED STOP BAR WITH NCDOT APPROVED STOP SIGN PER MUTCD MANUAL.
- INSTALL ADA ACCESSIBLE WALKWAY AS SHOWN. RAMPS SHALL HAVE HANDRAILS AND SHALL NOT EXCEED 1:12 SLOPE MAX.
- PROPOSED BUILDING WITHIN TECH FLEX CONDITIONAL ZONING SHALL PROVIDE ELECTRICAL CONDUITS FOR FUTURE INSTALLATION OF ROOFTOP SOLAR PANEL.

NOTE: FOR CLARITY, SITE PLAN KEY NOTES ARE LABELED ON THE SHEETS IN WHICH THEY PERTAIN. KEY NOTES ARE NOT LABELED ON ALL SHEETS.

Professional Engineer
J. MCCAULEY
SEAL 032614
10/02/2025

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NORTH CAROLINA
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FINAL DRAWING
FOR REVIEW
PURPOSES ONLY

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SHELTON STATION - PHASE II
OVERALL SITE & ACCESS PLAN

REVISIONS:	DATE:
1 REVIEW CYCLE #1	06/23/25
2 REVIEW CYCLE #2	09/08/25
3 REVIEW CYCLE #3	09/23/25

ISSUED FOR:	DATE:
REVIEW/APPROVAL	05/01/25

PROJECT NO.:	25-002
DRAWN BY:	GJM/TAL
REVIEWED BY:	GJM

SHEET NUMBER:

C3.0

OF 40 SHEETS

