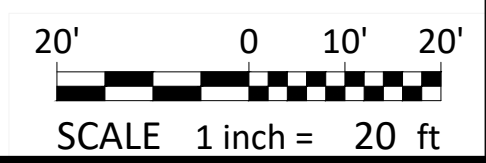
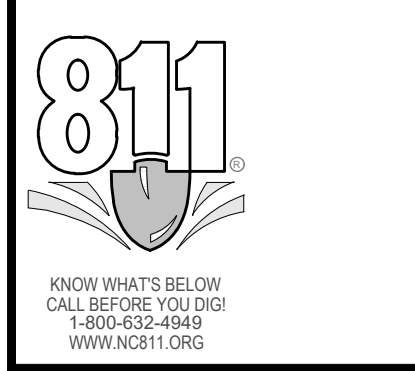


- ### Demolition Notes:
- CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE-CALL CENTER (NC 811) BY DIALING 811 OR 1-800-632-4949 AT LEAST 72 HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY OR DIGGING AND HAVE ALL UNDERGROUND UTILITIES LOCATED PRIOR TO EXCAVATING OR TRENCHING.
 - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL AND STATE PERMITS REQUIRED FOR DEMOLITION WORK.
 - THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND/OR ENGINEER FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONNEL, EQUIPMENT AND/OR EXISTING FACILITIES IN THE DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.
 - EXISTING CONDITIONS AS DEPICTED ON THESE PLANS ARE GENERAL AND ILLUSTRATIVE IN NATURE AND DO NOT INCLUDE MECHANICAL, ELECTRICAL AND MISCELLANEOUS STRUCTURES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING ON THE DEMOLITION WORK FOR THIS PROJECT. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT THAN THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
 - ALL DEMOLITION WASTE AND DEBRIS SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF IN A STATE APPROVED WASTE SITE AND IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
 - THE BURNING OF CLEARED MATERIAL AND DEBRIS SHALL NOT BE ALLOWED UNLESS CONTRACTOR GETS WRITTEN AUTHORIZATION FROM THE LOCAL AUTHORITIES.
 - ASBESTOS OR HAZARDOUS MATERIALS, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIALS CONTRACTOR. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED.
 - CONTRACTOR SHALL PROTECT ALL CORNER PINS, MONUMENTS, PROPERTY CORNERS, AND BENCHMARKS DURING DEMOLITION ACTIVITIES. IF DISTURBED, CONTRACTOR SHALL HAVE DISTURBED ITEMS RESET BY A LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL, AND OSHA REGULATIONS WHEN OPERATING DEMOLITION EQUIPMENT AROUND UTILITIES.
 - CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH THE NCDOT STANDARDS, AND AS REQUIRED BY LOCAL AGENCIES WHEN WORKING IN AND/OR ALONG STREETS, ROADS, HIGHWAYS, ETC. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL AND COORDINATE WITH THE LOCAL AND/OR STATE AGENCIES REGARDING THE NEED, EXTENT, AND LIMITATIONS ASSOCIATED WITH INSTALLING AND MAINTAINING TRAFFIC CONTROL MEASURES.
 - CONTRACTOR SHALL PROTECT AT ALL TIMES ADJACENT STRUCTURES AND ITEMS FROM DAMAGE DUE TO DEMOLITION OR CONSTRUCTION ACTIVITIES.
 - CONTRACTOR SHALL REMOVE EXISTING VEGETATION AND IMPROVEMENTS WITHIN LIMITS OF DISTURBANCE UNLESS NOTED OTHERWISE.
 - TREES OUTSIDE OF CONSTRUCTION LIMITS OR TREES NOT INDICATED TO BE REMOVED SHALL BE PROTECTED.

- ### Erosion Control Provisions:
- NO PERSON MAY INITIATE A LAND DISTURBING ACTIVITY BEFORE NOTIFYING WAKE COUNTY WATERSHED MANAGEMENT OF THE DATE THAT THE LAND DISTURBING ACTIVITY WILL BEGIN.
 - LAND DISTURBING ACTIVITY BEYOND THAT REQUIRED TO INSTALL APPROPRIATE EROSION CONTROL MAY NOT PROCEED UNTIL EROSION CONTROL MEASURES ARE INSPECTED AND APPROVED BY THE ENGINEER.
 - SCHEDULING OF A PRE-CONSTRUCTION CONFERENCE WITH THE WAKE COUNTY WATERSHED MANAGER, JEEVAN NEUPANE, PE (919) 819-8907 PRIOR TO INITIATING LAND DISTURBING ACTIVITIES IS REQUIRED. FOR INSPECTION CALL 919-819-8907. 48 HOUR NOTICE IS REQUIRED.
 - INSTALL TREE PROTECTION FENCING AROUND ALL AREAS OUTSIDE OF THE LIMITS OF DISTURBANCE AS SHOWN ON PLANS.
 - PROVIDE 20' X 50' X 6" STONE CONSTRUCTION ENTRANCES AS SHOWN ON PLAN.
 - SEED OR OTHERWISE PROVIDE GROUND COVER DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION FOR ALL EXPOSED SLOPES WITHIN 7 DAYS OF COMPLETION OF ANY PHASE OF GRADING ON PERIMETER AREAS AND SLOPES STEEPER THAN 3:1. ALL OTHER AREAS SHALL BE STABILIZED WITHIN 14 DAYS.
 - CONTRACTOR SHALL INSPECT AND MAINTAIN AS NEEDED ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER EACH MAJOR STORM EVENT. FAILURE TO KEEP ALL EROSION CONTROL DEVICES IN PROPER WORKING ORDER MAY RESULT IN A STOP WORK ORDER OR CIVIL PENALTIES UP TO \$5000.00 PER DAY OF VIOLATION.
 - THE ENGINEER RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES SHOULD THE PLAN OR ITS IMPLEMENTATION PROVE TO BE INADEQUATE.
 - ACCEPTANCE AND APPROVAL OF THIS PLAN IS CONDITIONED UPON YOUR COMPLIANCE WITH FEDERAL AND STATE WATER QUALITY LAWS, REGULATION AND RULES. IN ADDITION LOCAL CITY AND COUNTY ORDINANCES OR RULES MAY ALSO APPLY TO THIS LAND DISTURBING ACTIVITY. APPROVAL BY THE COUNTY DOES NOT SUPERSEDE ANY OTHER PERMIT OR APPROVAL.
 - PLEASE BE ADVISED OF THE RULES TO PROTECT AND MAINTAIN EXISTING BUFFERS ALONG WATERCOURSES IN THE NEUSE AND TAR RIVER BASINS. THESE RULES ARE ENFORCED BY THE DIVISION OF WATER RESOURCES (DWR). DIRECT ANY QUESTIONS ABOUT THE APPLICABILITY OF THESE RULES TO YOUR PROJECT TO THE REGIONAL WATER QUALITY SUPERVISOR, RALEIGH REGIONAL OFFICE AT (919) 791-4200.

- ### Construction Sequence:
- EROSION AND SEDIMENT CONTROL (E&S) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITIES OCCUR.
 - CALL WAKE COUNTY WATERSHED MANAGER JEEVAN NEUPANE AT (919) 819-8907 A MINIMUM OF 48 HOURS IN ADVANCE TO SCHEDULE A PRE-CONSTRUCTION MEETING AND FOR NOTIFICATION OF PROJECT START UP.
 - ANY DEWATERING ON THE SITE SHALL BE DONE THROUGH A SILT BAG THAT IS CONSTANTLY MONITORED.
 - INSTALL GRAVEL CONSTRUCTION PAD, TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES. SEED TEMPORARY DIVERSIONS, BERMS AND BASINS IMMEDIATELY AFTER CONSTRUCTION.
 - CALL WATERSHED MANAGER, JEEVAN NEUPANE FOR AN ONSITE INSPECTION TO OBTAIN A CERTIFICATE OF COMPLIANCE.
 - BEGIN CLEARING AND GRUBBING. MAINTAIN DEVICES AS NEEDED. ROUGH GRADE SITE. INSTALL TEMPORARY SKIMMER SEDIMENT BASINS. ALONG WITH TEMPORARY DIVERSION DITCHES THAT SHALL BE INSTALLED TO ENSURE AS MUCH FLOW AS POSSIBLE IS DIRECTED TO THE BASINS.
 - AS ROUGH GRADING CONTINUES, DEVICES SHALL BE MAINTAINED AND CLEANED OF SEDIMENT. SKIMMER SEDIMENT BASINS TO BE ABANDONED SHALL BE REMOVED AS FOLLOWS: DEWATER THROUGH SILT BAG, CLEAN SEDIMENT, REMOVE BAFFLES, BACKFILL BASIN AND STABILIZE IMMEDIATELY. DEWATERING OPERATIONS THROUGH SILT BAGS SHALL BE MONITORED CONTINUOUSLY.
 - STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, DITCH LININGS, ETC. SEED AND MULCH DENUDED AREAS PER GROUND STABILIZATION TIME FRAME.
 - WHEN ROUGH GRADING IS COMPLETE AND ALL AREAS ARE STABILIZED COMPLETELY, CALL WATERSHED MANAGER JEEVAN NEUPANE FOR INSPECTION.
 - IF SITE IS APPROVED, MAINTAIN TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT BASINS, ETC., AND SEED OR STABILIZE ANY RESULTING BARE AREAS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS VELOCITY DISSIPATORS, SHOULD NOW BE INSTALLED.
 - WHEN VEGETATION HAS BECOME ESTABLISHED, CALL FOR FINAL SITE INSPECTION BY THE WATERSHED MANAGER, JEEVAN NEUPANE. OBTAIN CERTIFICATE OF COMPLETION.



- Final Drawing -
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REVISIONS:

1. 1 MAY 23 ISSUED FOR PERMIT REVIEW

EROSION CONTROL PLAN - PH. 1

7ELEVEN AT WALLBROOK (LOT 11)

Town of Rolesville Project No. SDP 23-_____

US 401 Business / S. Main Street & Virginia Water Drive
Wake Forest Township, Town of Rolesville, Wake County, North Carolina

NC License: P-1129

ARK CONSULTING GROUP PLLC
ENGINEERS & PLANNERS

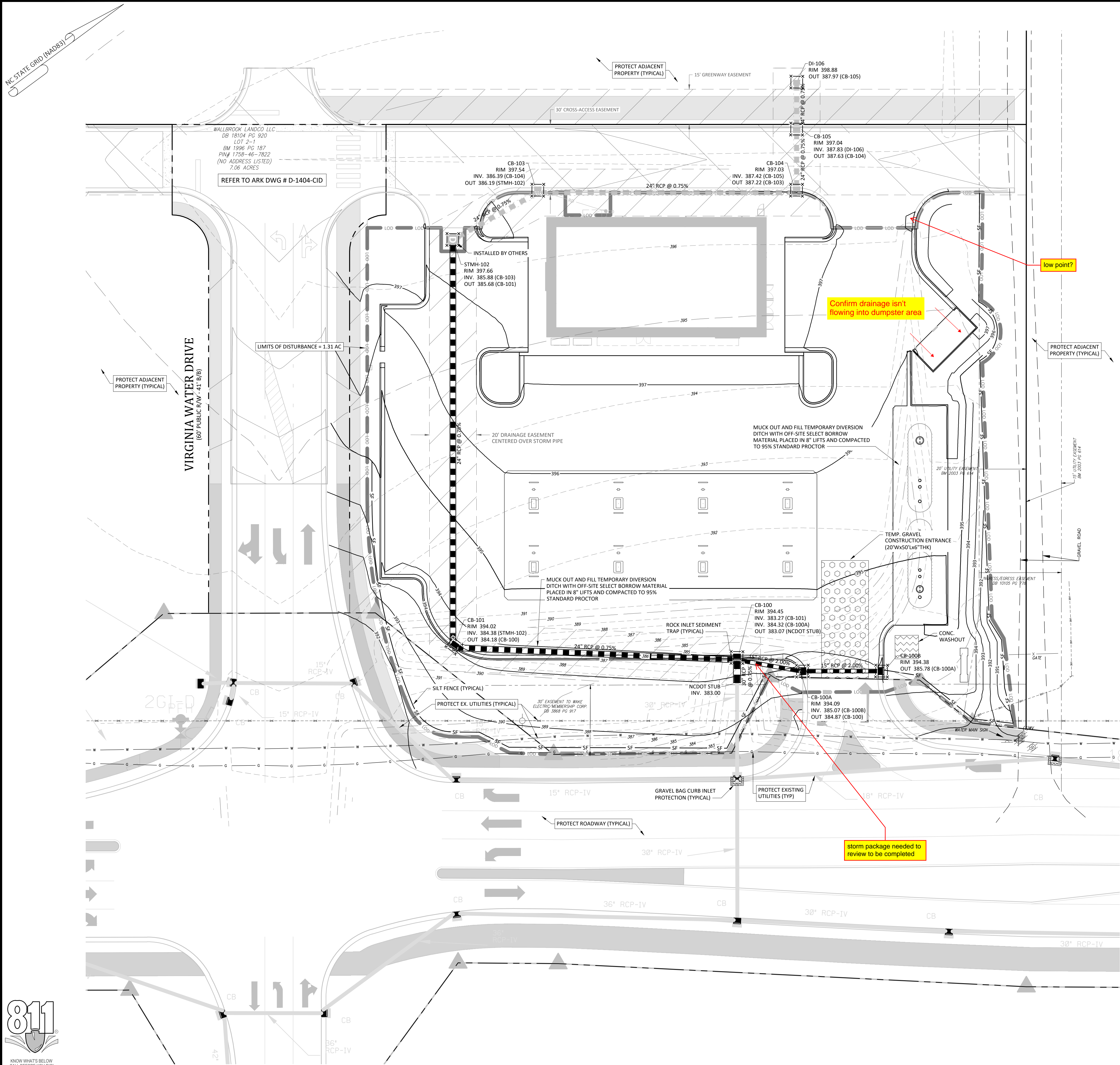
2755-B Charles Blvd
Cary, NC 27513
(919) 558-0888
www.arkconsultinggroup.com

01/2023

Project Manager: BCF
Drawn By: DLC/TN
Checked By: TN
Project Number: 22049
Drawing Number: D-1404-SDP

C1.0

Date: May 2023

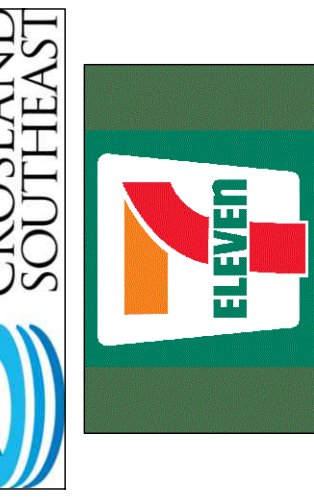


- Storm drainage package and DA maps for drainage design, (not able to complete Engineering review with out)

Confirm drainage isn't flowing into dumpster area

low point?

storm package needed to review to be completed



EROSION CONTROL PLAN - PH. 2
7ELEVEN AT WALLBROOK (LOT 11)
 Town of Rolesville Project No. SDP 23-____
 US 401 Business / S. Main Street & Virginia Water Drive
 Wake Forest Township, Town of Rolesville, Wake County, North Carolina

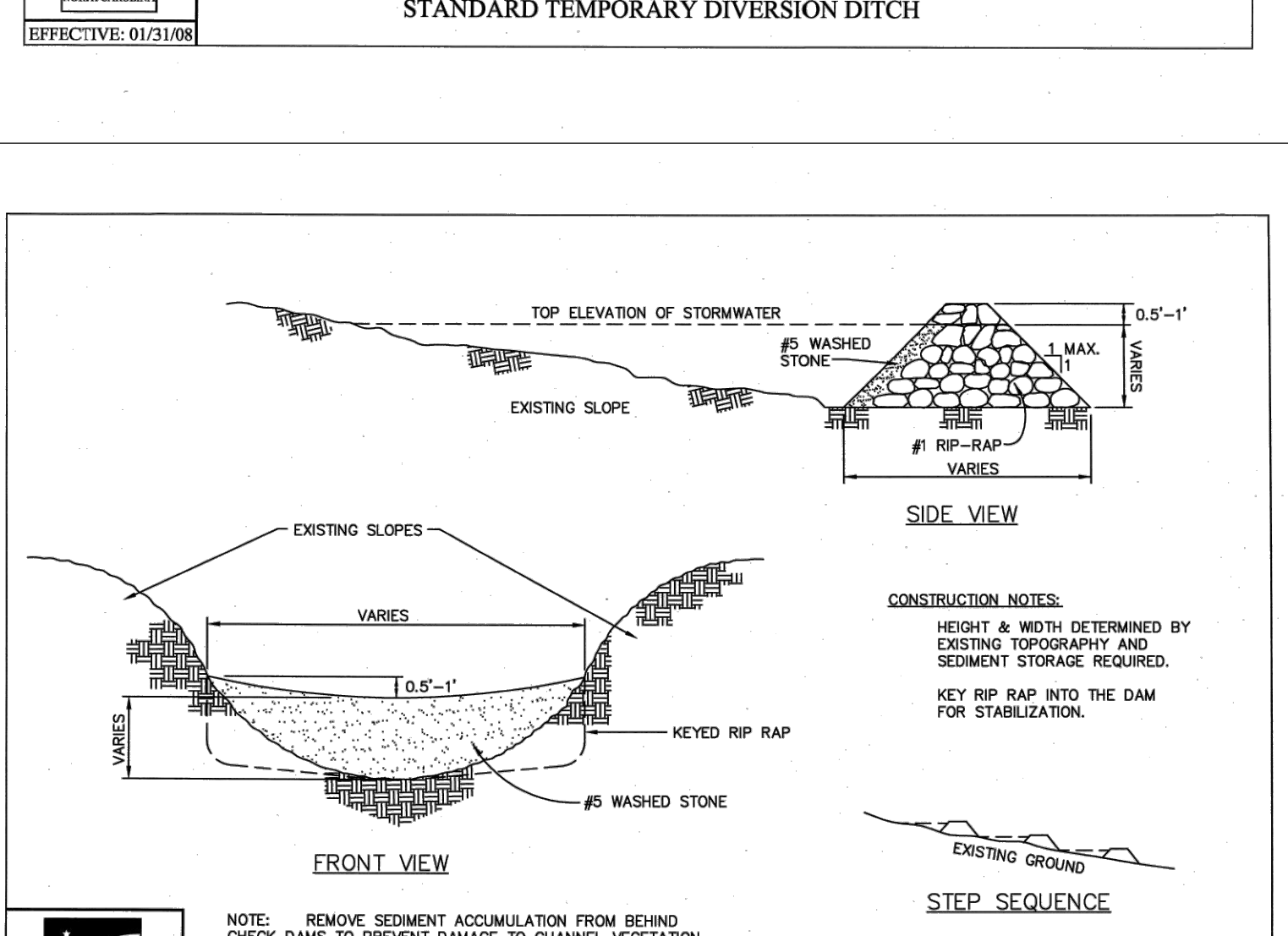
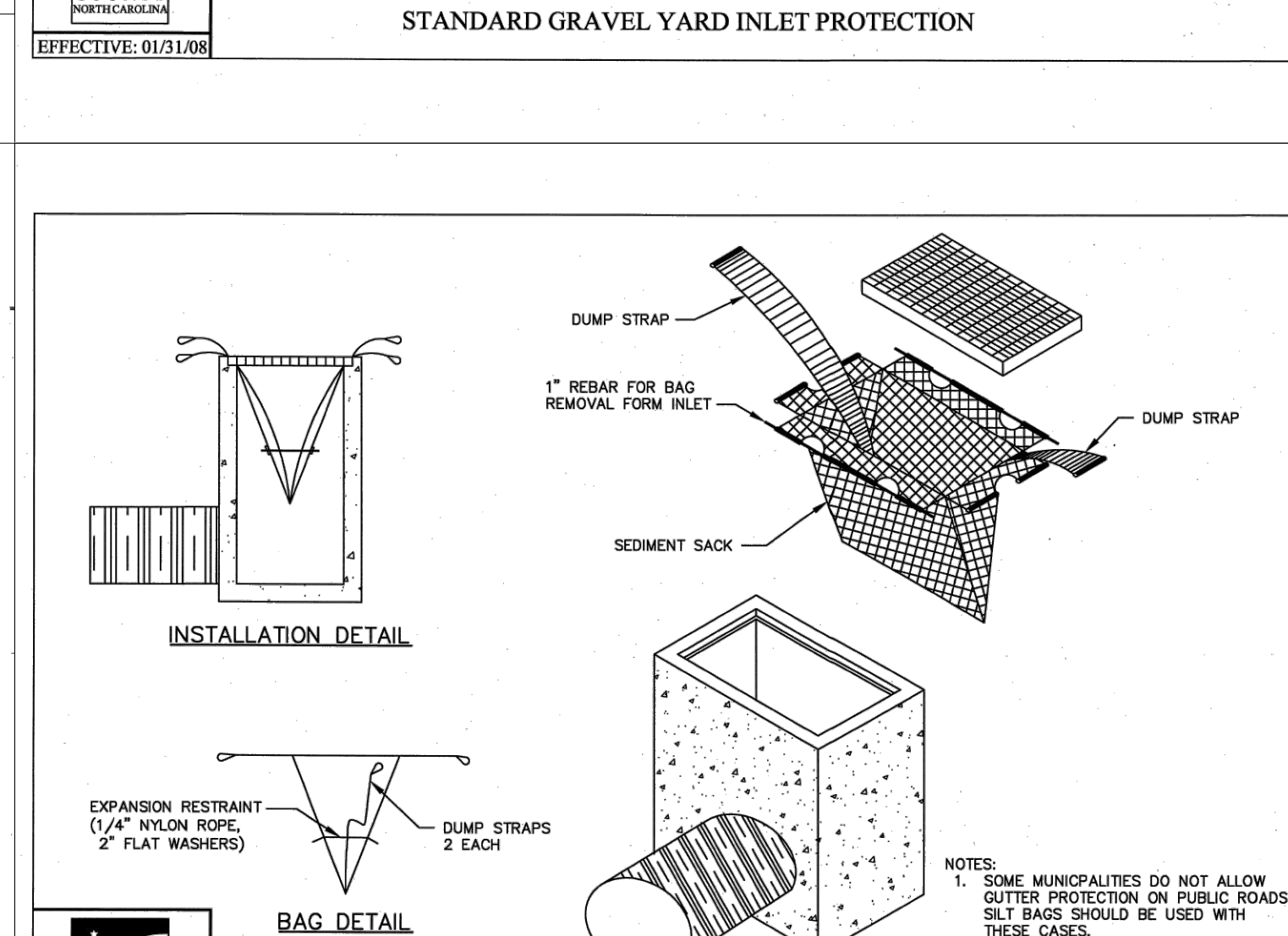
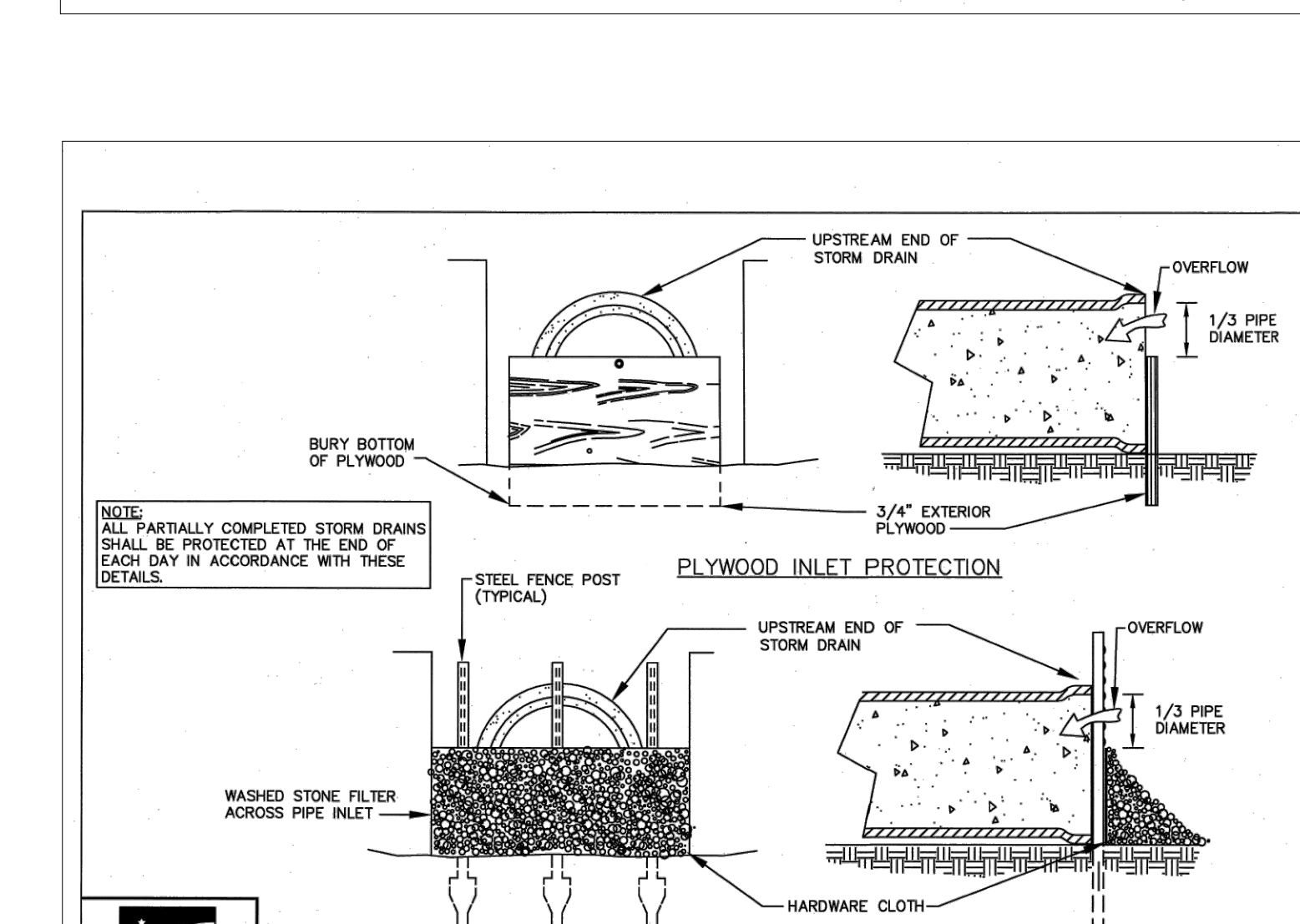
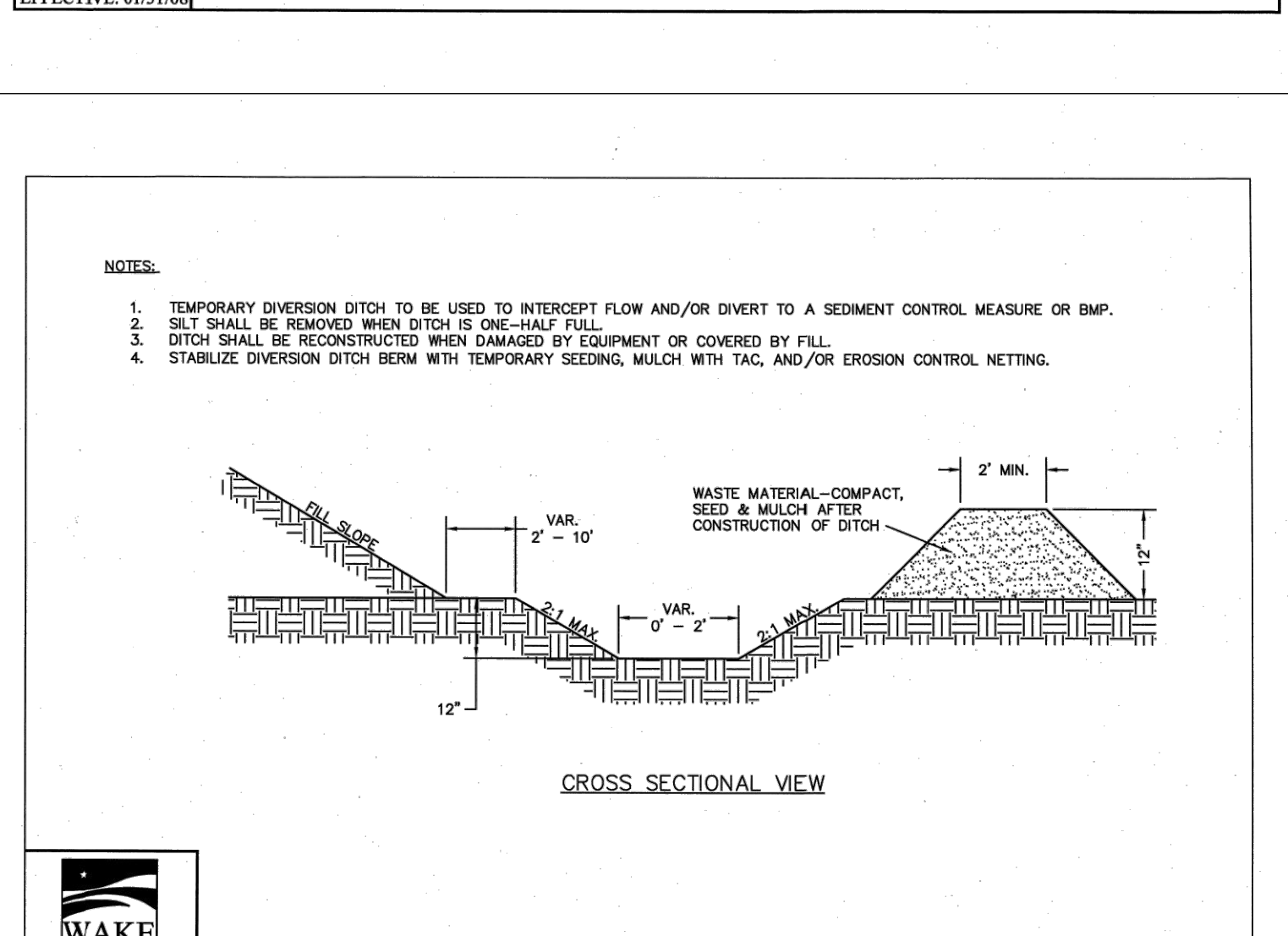
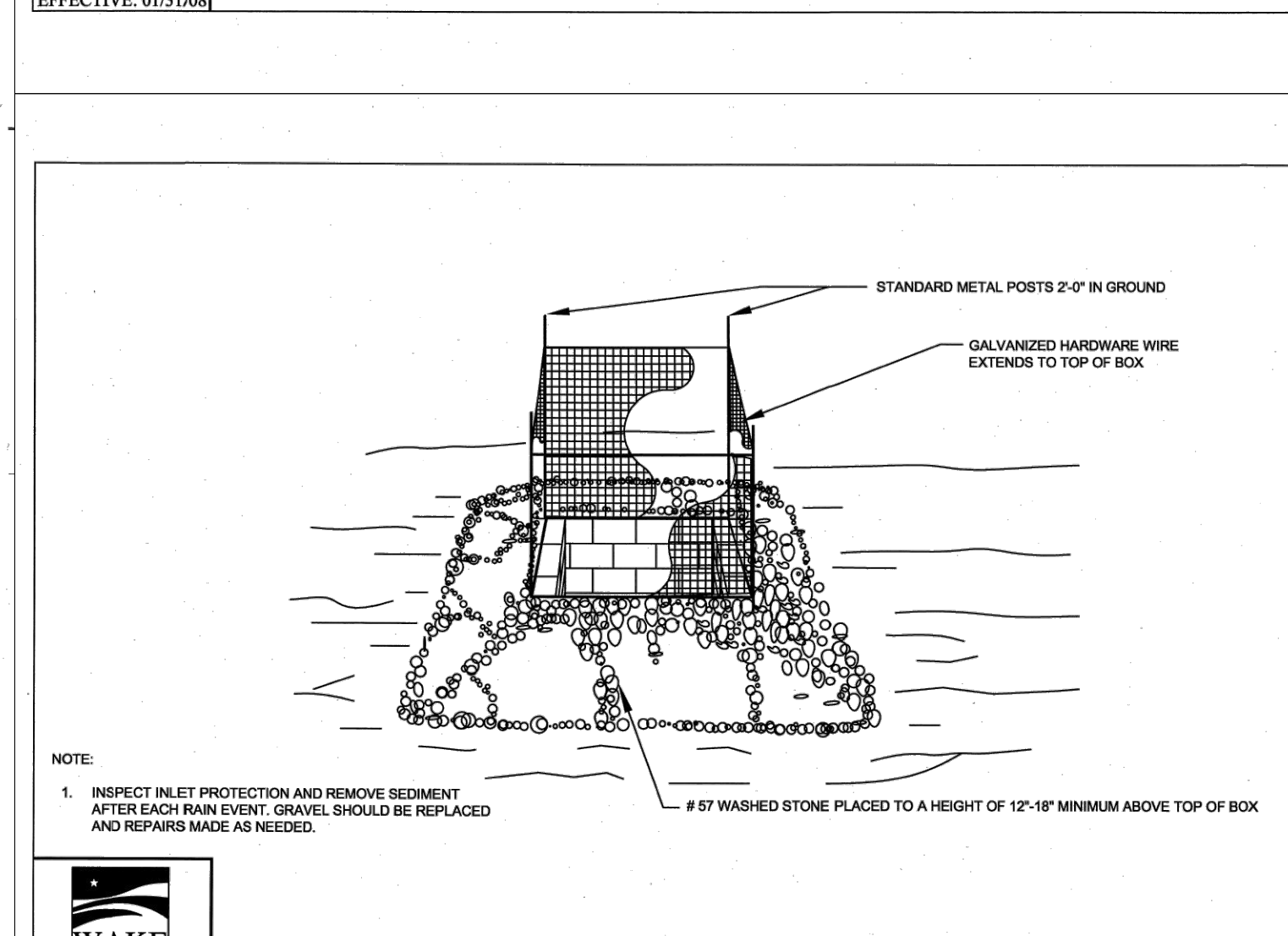
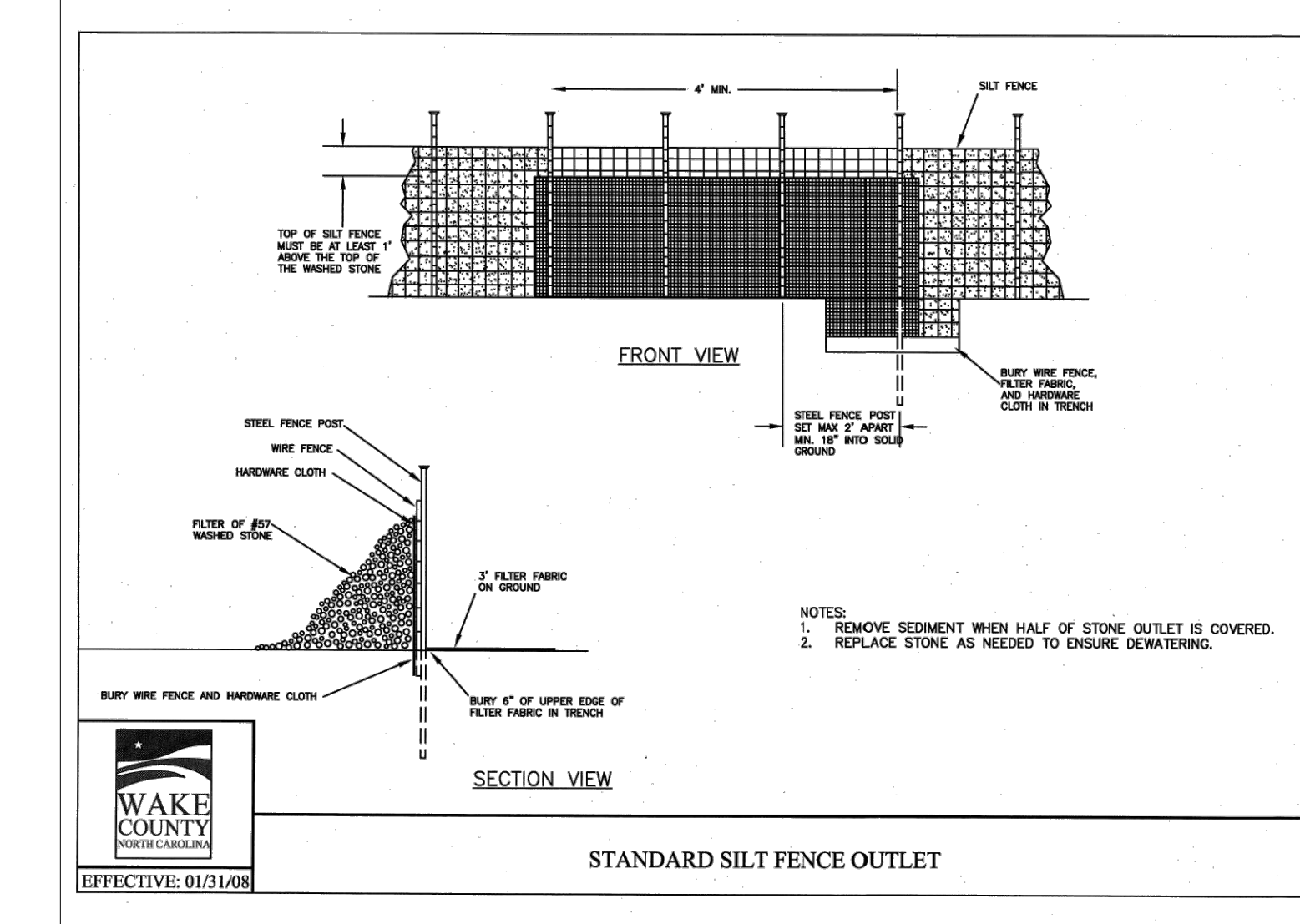
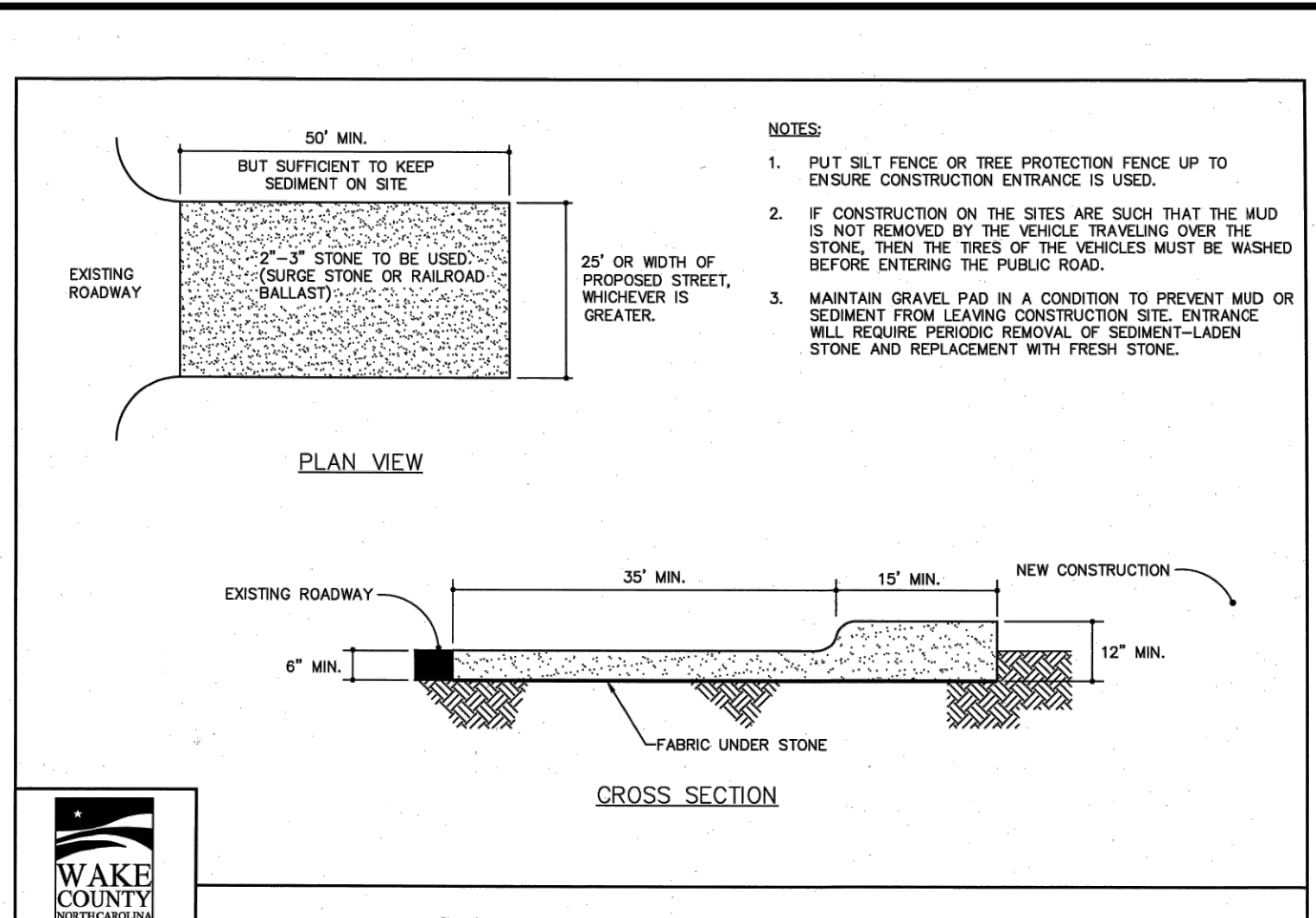
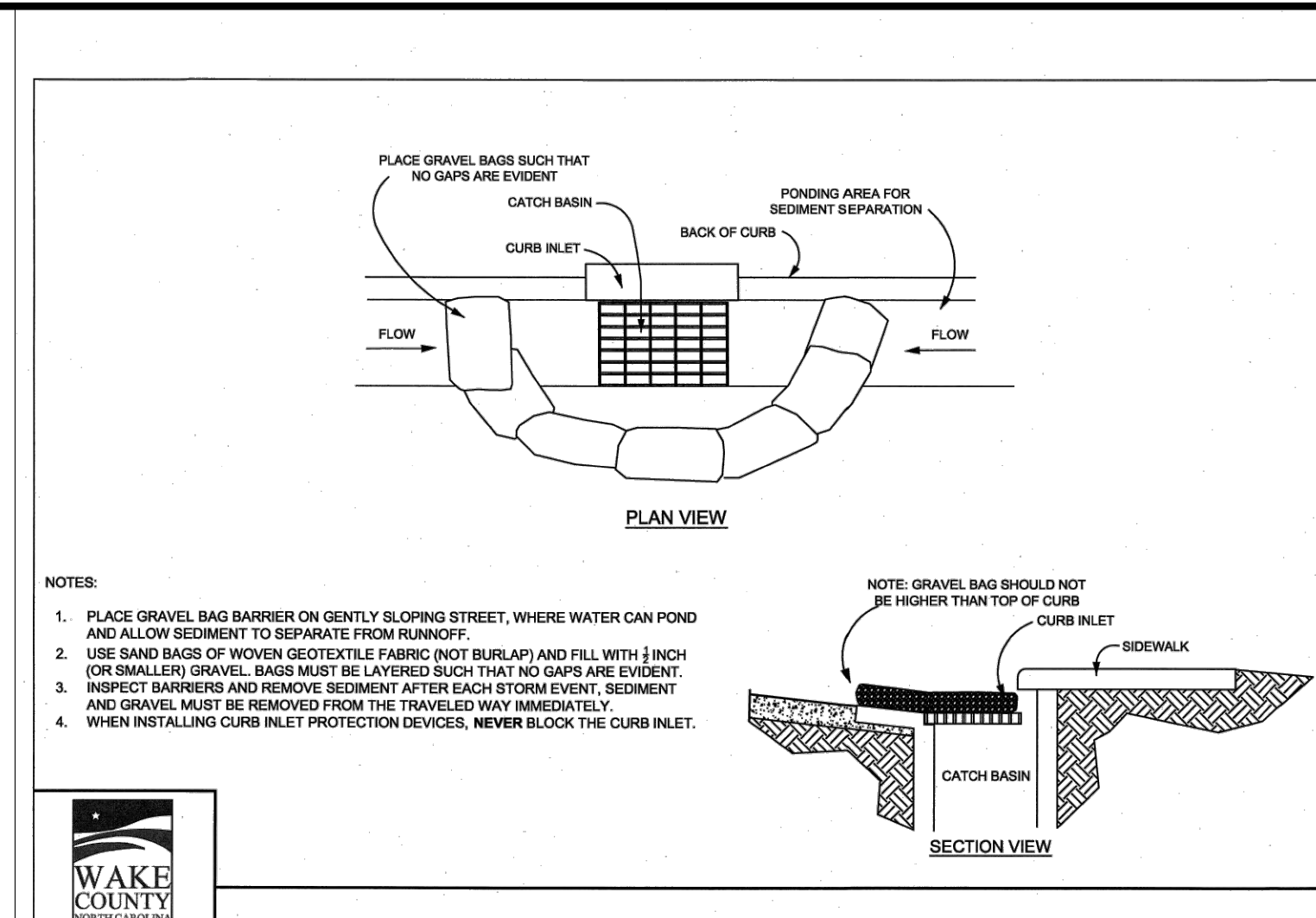
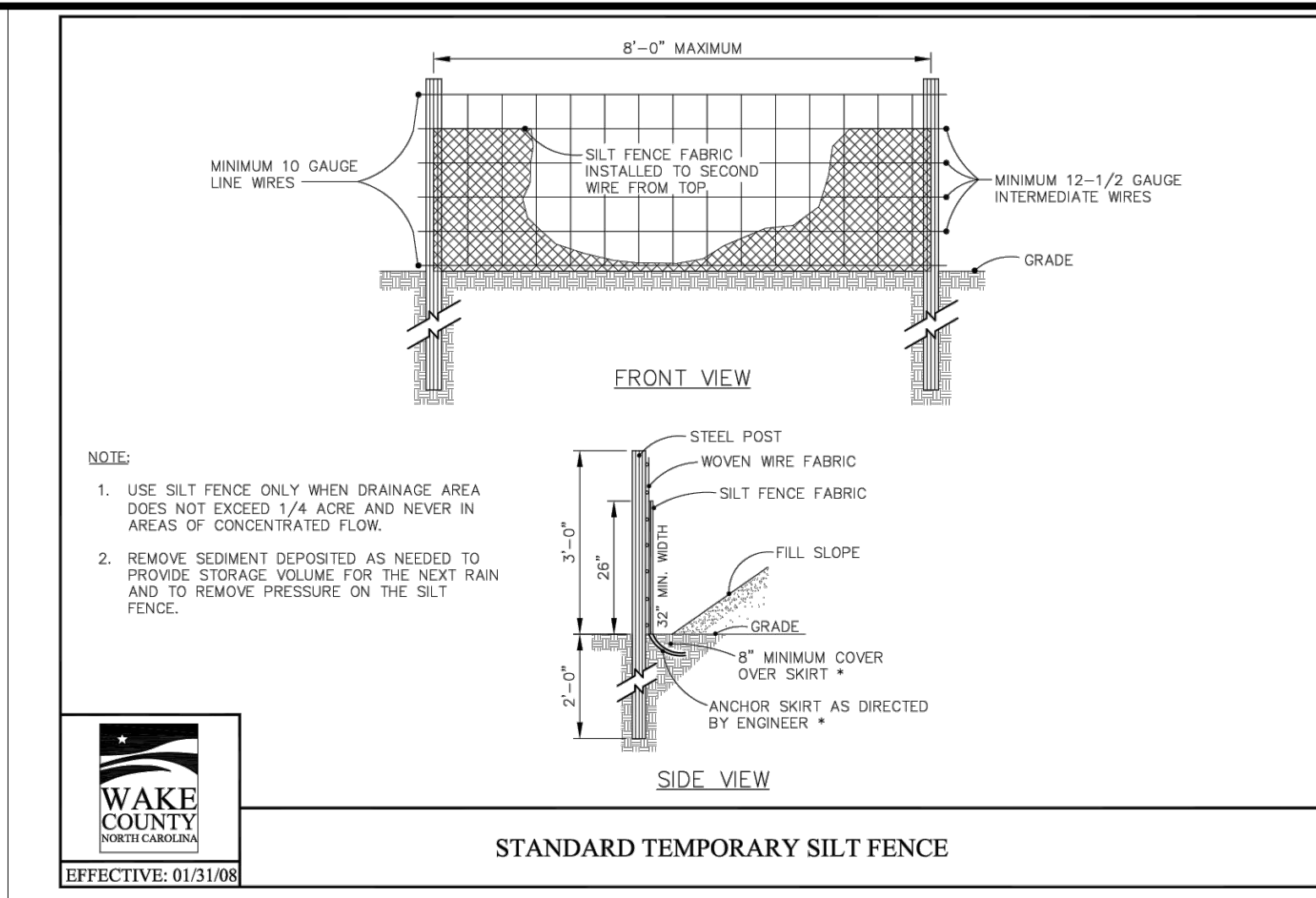
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Project Manager: BCF
 Drawn By: DLC/TN
 Checked By: TN
 Project Number: 22049
 Drawing Number: D-1404-SDP

C1.1
 Date: May 2023

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#	DATE	DESCRIPTION
1	11-MAY-23	ISSUED FOR PERMIT REVIEW



Vegetated Swale Design
 Project: Wallbrook
 Location: Rolesville, Wake County, NC

Device ID	Device Type	Add'l Flow (cfs)	Disturbed Area (AC)	Tc (min)	Intensity (in/hr)*	Qreq C	Qreq (cfs)	Up Invert	Down Invert	Length (ft)	Base Width (ft)	Left Slope (x:1)	Right Slope (x:1)	Flow Depth (ft)	Manning's n	Slope (ft/ft)	Wetted Area (sf)	Wetted Perimeter (ft)	Hydraulic Radius (ft)	Velocity (ft/s)	Qa (cfs)	Qa>Qreq?	τ (lbs/ft ²)	Liner Type	Allowable Shear Stress, τ (lbs/ft ²)
TDD-1	Temporary Diversion	0	0.95	5	7.18	0.5	3.41	394	382	270	1	3	3	0.91	0.020	0.04444	3.41	7.27	0.47	1.00	3.41	Yes	2.531233515	North Am. Green C350; Bare soil	3
TDD-2	Temporary Diversion	0	0.40	5	7.18	0.5	1.44	387.5	382	140	1	3	3	0.70	0.020	0.03929	2.17	7.16	0.30	0.66	1.44	Yes	1.71749551	N. Am. Green; Straw; 1 nets	1.55

*NOAA Atlas 14, NEUSE 2 NE Station, 10-yr 5-min duration intensity

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1.1 MAY 23 | ISSUED FOR PERMIT REVIEW
 # | DATE | DESCRIPTION

REVISIONS:

EROSION CONTROL DETAILS
7ELEVEN AT WALLBROOK (LOT 11)
 Town of Rolesville Project No. SDP 23-
 US 401 Business / S. Main Street & Virginia Water Drive
 Wake Forest Township, Town of Rolesville, Wake County, North Carolina

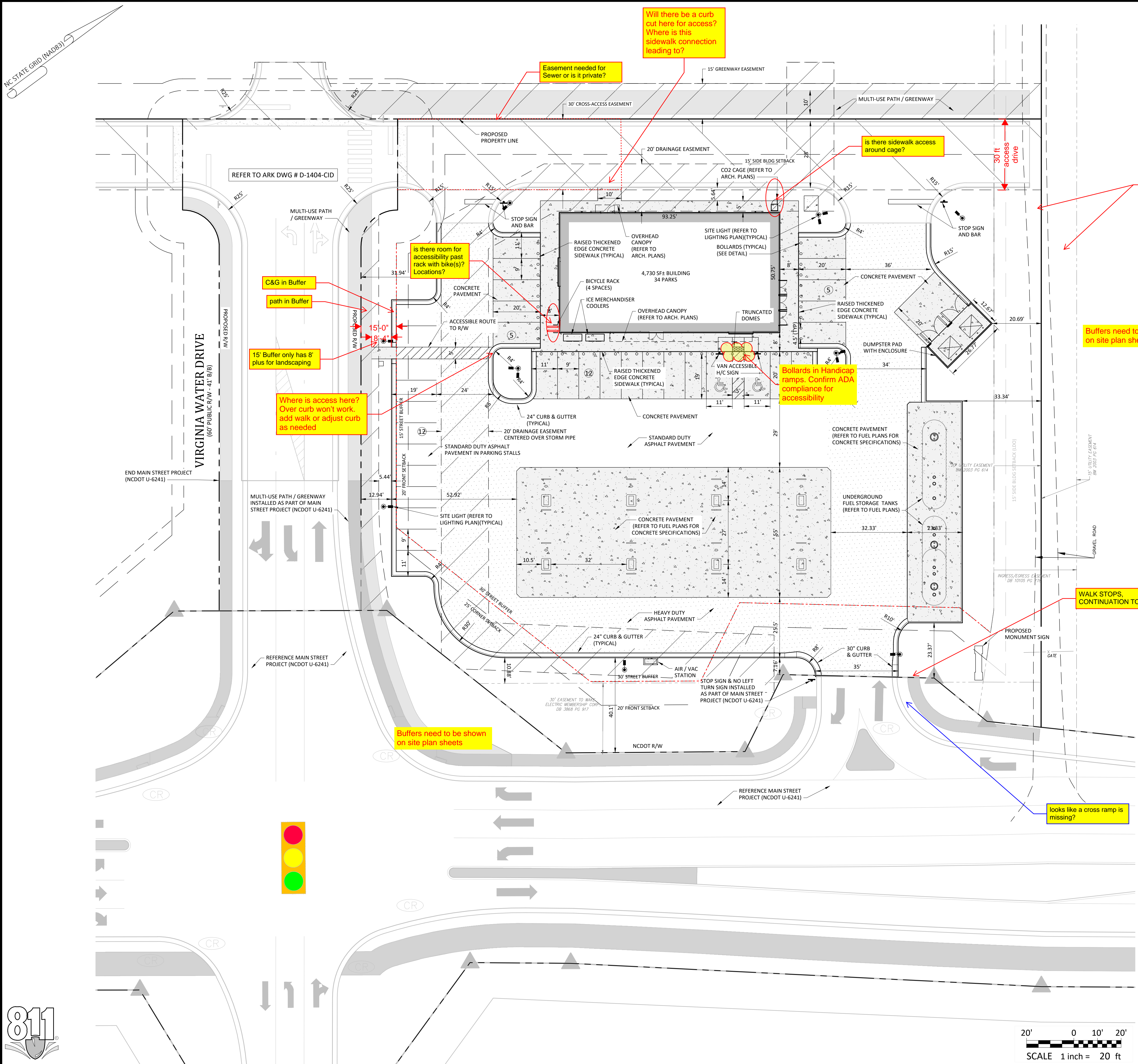
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C1.3

Date: May 2023



General Notes:

- THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN:
 - ALTA/NSPS LAND TITLE SURVEY, PREPARED BY JOHNSON, MIRMIRAN & THOMPSON FOR WALLBROOK LANDCO, LLC, DATED REVISED MARCH 28, 2020
 - "REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION - 7 ELEVEN AT WALLBROOK" PREPARED BY NV5 ENGINEERS AND CONSULTANTS, INC., DATED JULY 11, 2022
 - "REVISED WALLBROOK DEVELOPMENT TRAFFIC IMPACT ANALYSIS" PREPARED BY STANTEC CONSULTING SERVICES, INC., DATED AUGUST 11, 2020
- ALL ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE OR THE REQUIREMENTS OF THE JURISDICTION WHERE THIS PROJECT IS TO BE CONSTRUCTED.
- THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE X, AREA OF MINIMAL FLOODING, AS SHOWN ON NATIONAL FLOOD INSURANCE RATE MAP (FIRM), WAKE COUNTY, NORTH CAROLINA, PANEL 1758, MAP NO. 3720175800J, EFFECTIVE DATE: MAY 2, 2006.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES. CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.
- THE CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR THE REQUIREMENTS OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE REQUIREMENTS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION OVER THIS PROJECT.
- THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH HEREIN ARE PART OF THE REQUIRED CONSTRUCTION DOCUMENTS, AND, IN CASE OF CONFLICT, SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER WORK.
- THESE PLANS ARE BASED ON INFORMATION PROVIDED TO ARK CONSULTING GROUP, PLLC BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY ARK CONSULTING GROUP, PLLC IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER ONSITE FEATURES.
- ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS AND SPACING SHOWN ON THESE PLANS PRIOR TO THE GIVING OF SUCH NOTIFICATION AND THE ENGINEER'S WRITTEN AUTHORIZATION OF SUCH ADDITIONAL WORK.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL / BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY / EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE BUILDING LAYOUT BY CAREFUL REVIEW OF THE SITE PLAN AND LATEST ARCHITECTURAL PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE APPLICABLE). CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER OF ANY DISCREPANCIES.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB & GUTTER. CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY SHALL RESTORE SUCH CONNECTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE EXISTING CONDITIONS, AND IN CONFORMANCE WITH APPLICABLE CODES. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
- THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, NOR IS THE ENGINEER RESPONSIBLE FOR ANY CONFLICTS OR SCOPE REVISIONS WHICH RESULT FROM THE SAME. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

Impervious Area Calculations

SITE LIMITED TO 85% IMPERVIOUS AREA AS ACCOUNTED FOR IN THE WALLBROOK STORMWATER MASTER PLAN

PROPOSED BUILDING IMPERVIOUS AREA:	4730 SF
PROPOSED TRANSPORTATION IMPERVIOUS AREA:	46827 SF
PROPOSED TOTAL IMPERVIOUS AREA:	51557 SF
TOTAL SITE AREA:	70567 SF
ALLOWABLE IMPERVIOUS AREA (85%):	59982 SF
PROPOSED IMPERVIOUS PERCENTAGE:	73.10 %

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REVISIONS:



**SITE PLAN
7ELEVEN AT WALLBROOK (LOT 11)**

Town of Rolesville Project No. SDP 23-
US 401 Business / S. Main Street & Virginia Water Drive
Wake Forest Township, Town of Rolesville, Wake County, North Carolina

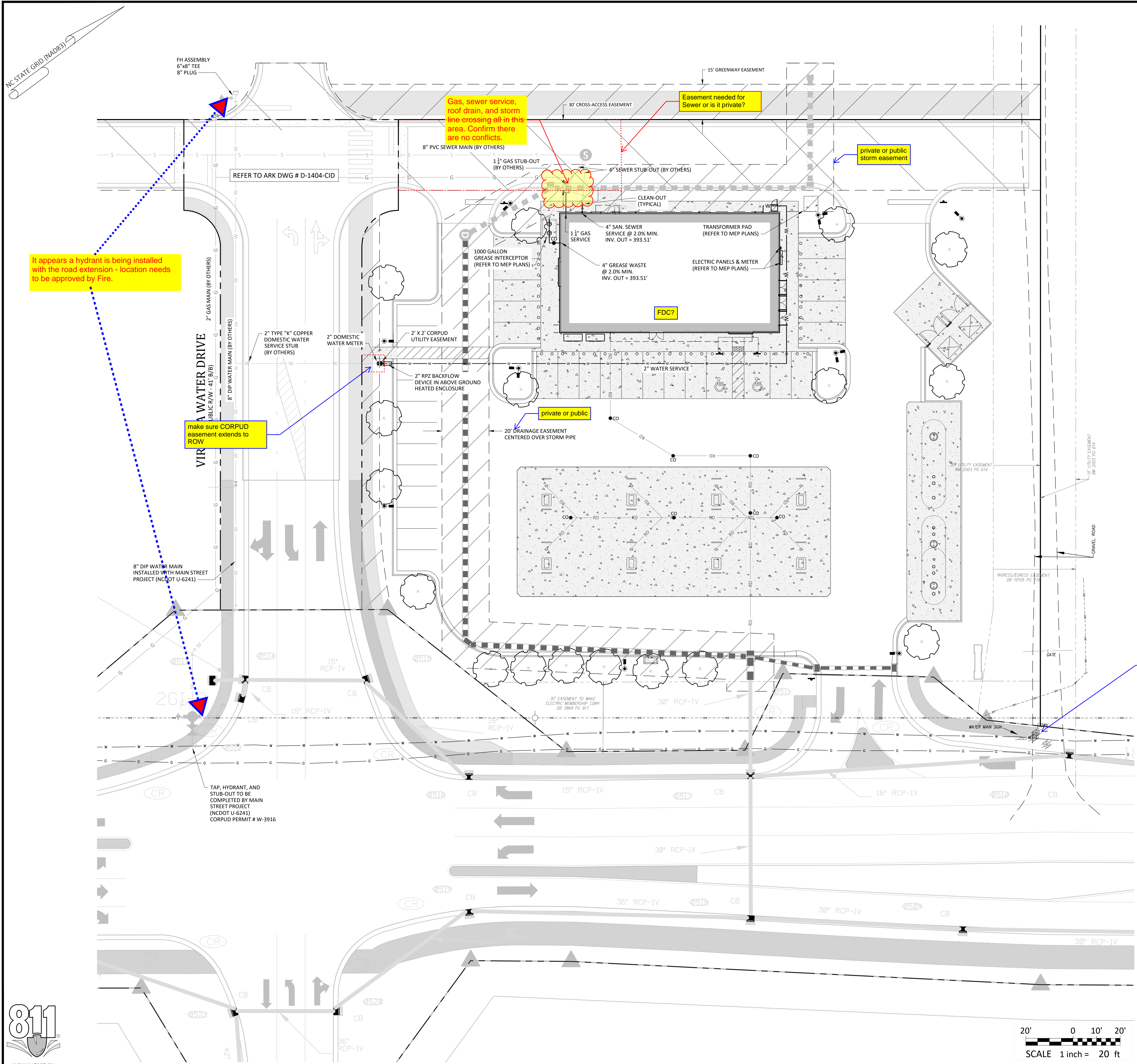
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Project Manager: BCF
Drawn By: DLC/TN
Checked By: TN
Project Number: 22049
Drawing Number: D-1404-SDP

C2.0

Date: May 2023





CORPUD Standard Utility Notes:

- ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK)
- UTILITY SEPARATION REQUIREMENTS:
 - A DISTANCE OF 10' SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN IMPOUNDED RESERVOIR USED AS A SOURCE OF DRINKING WATER. IF ADEQUATE LATER 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.
 - WHERE IT IS IMPOSSIBLE TO OBTAIN PROPER SEPARATION, OR ANYTIME A SANITARY SEWER PASSES OVER A WATER MAIN, DIP MATERIALS OR STEEL ENCASEMENT 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 (PER CORPUD DETAILS W-41 & S-49).
 - ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
- ANY NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR PROFILE BY CORPUD 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 CORPUD.
- 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 CORPUD. THIS INCLUDES ABANDONING TAP AT MAIN & REMOVAL OF SERVICE FROM ROW OR EASEMENT PER CORPUD HANDBOOK PROCEDURE.
- INSTALL PVC WATER SERVICES WITH METERS LOCATED AT ROW OR WITHIN A 2' X 2' WATERLINE EASEMENT IMMEDIATELY ADJACENT.
- INSTALL PVC SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75' LINEAR FEET MAXIMUM.
- PRESSURE REDUCING VALVES ARE REQUIRED ON ALL WATER SERVICES EXCEEDING 80 PSI; BACKWATER VALVES ARE REQUIRED ON ALL SANITARY SEWERS 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 PRIOR TO CONSTRUCTION.
- NCDOT / RAILROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION.
- GREASE INTERCEPTOR / OIL WATER SEPARATOR SIZING CALCULATIONS & INSTALLATION SPECIFICATIONS SHALL BE APPROVED BY THE CORPUD FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A BUILDING PERMIT. CONTACT TIM BEASLEY AT (919) 996-2334 OR TIMOTHY.BEASLEY@RALEIGHNC.GOV FOR MORE INFORMATION.
- 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 NC. THESE GUIDELINES ARE THE MINIMUM REQUIREMENTS. THE DEVICES SHALL MEET AMERICAN SOCIETY SANITARY ENGINEERING (ASSE) STANDARDS OR BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST. THE DEVICES SHALL BE INSTALLED AND TESTED (BOTH INITIAL AND PERIODIC TESTING THEREAFTER) IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OR THE LOCAL CROSS-CONNECTION CONTROL PROGRAM, WHICHEVER IS MORE STRINGENT. CONTACT JOANIE HARTLEY AT (919) 996-5923 OR JOANIE.HARTLEY@RALEIGHNC.GOV FOR MORE INFORMATION.

It appears a hydrant is being installed with the road extension - location needs to be approved by Fire.

make sure CORPUD easement extends to ROW

COR is there a WATER LINE that goes to water tank in this area along gravel drive?

- Final Drawing -
Issued for Permit
Review Purposes Only

REVISIONS:

#	DATE	DESCRIPTION
1	11-MAY-23	ISSUED FOR PERMIT REVIEW

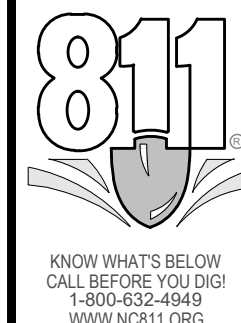
CROSLAND SOUTHEAST
ELEVEN

UTILITY PLAN
7ELEVEN AT WALLBROOK (LOT 11)
Town of Rolesville Project No. SDP 23-____
US 401 Business / S. Main Street & Virginia Water Drive
Wake Forest Township, Town of Rolesville, Wake County, North Carolina

NC License P-1129
ARK CONSULTING GROUP PLLC
ENGINEERS & PLANNERS
2755-B Charles Blvd.
Raleigh, NC 27608
(919) 558-8888
www.arkconsultinggroup.com

DRIVING
NORTH CAROLINA
MAY 15 2023

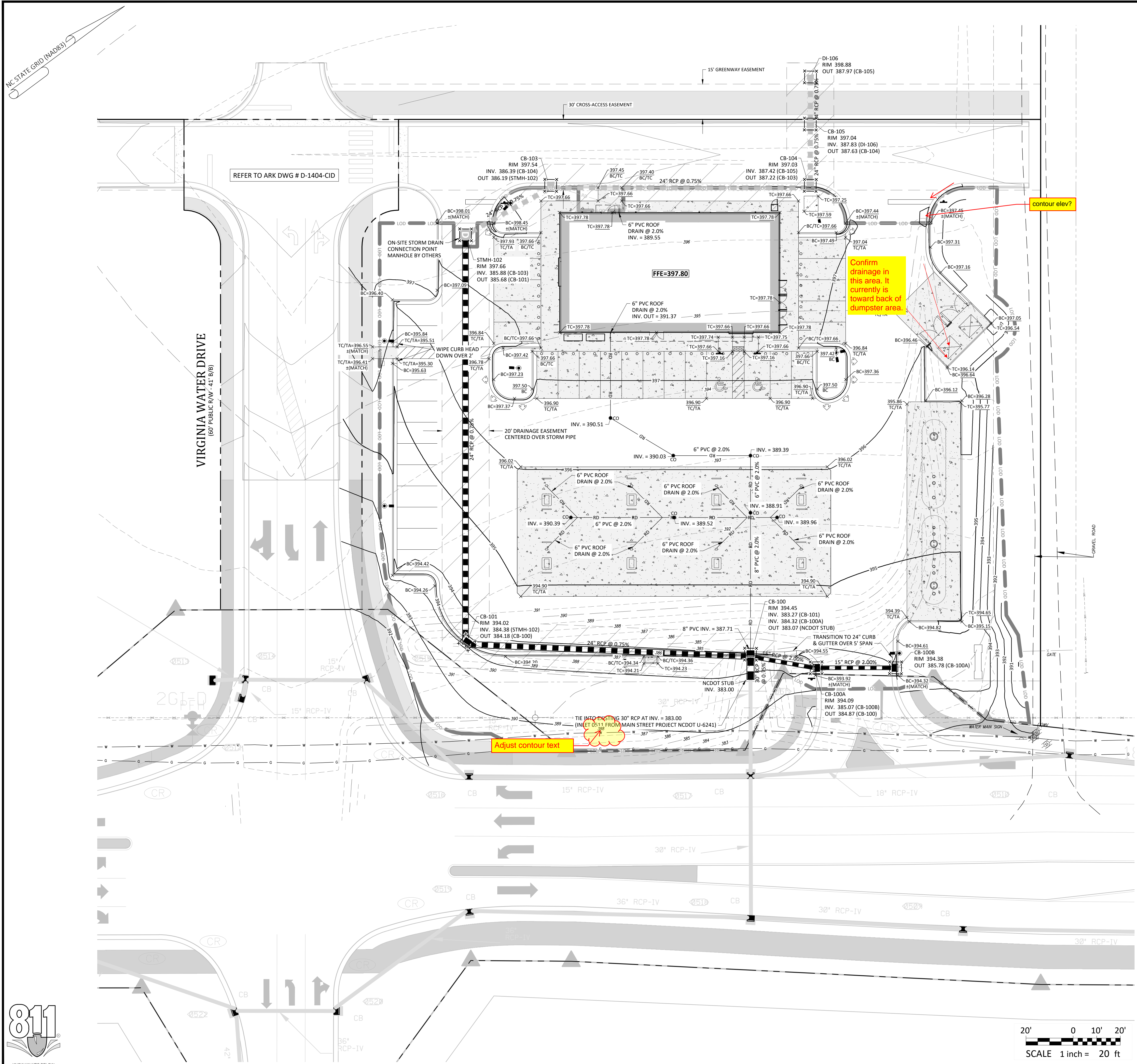
ATTENTION CONTRACTORS
The Construction Contractor responsible for the extension of water, sewer, and/or reuse, as approved in these plans, is responsible for contacting the Public Utilities Department at (919) 996-4540 at least twenty four hours prior to beginning any of their construction.
Failure to notify both City Departments in advance of beginning construction, will result in the issuance of monetary fines, and require reinstatement of any water or sewer facilities not inspected as a result of this notification failure.
Failure to call for Inspection, Install a Downstream Plug, have Permitted Plans on the Jobsite, or any other Violation of City of Raleigh Standards will result in a Fine and Possible Exclusion from future work in the City of Raleigh.



Project Manager: BCF
Drawn By: DLC/TN
Checked By: TN
Project Number: 22049
Drawing Number: D-1404-SDP

C3.0

Date: May 2023



Grading Notes:

- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT REFERENCED IN THIS PLAN SET.
- SITE CONTRACTOR TO GRADE ALL AREAS WITHIN THE LIMITS OF DISTURBANCE FROM BUILDING TO PROPERTY LINES AND TO EDGE OF PAVEMENT ON STREET SIDES, INCLUDING ROW.
- TREES OUTSIDE OF CONSTRUCTION LIMITS OR TREES NOT INDICATED TO BE REMOVED SHALL BE PROTECTED.
- TOP SOIL SHALL BE STRIPPED FROM ALL CUT AND FILL AREAS, STOCKPILED AND REDISTRIBUTED OVER GRADED AREAS, PROVIDE EROSION AND SEDIMENTATION CONTROLS AROUND STOCKPILES DURING CONSTRUCTION.
- TILL TOP SOIL TO A DEPTH OF 4" MINIMUM AND REMOVE ALL ROCKS LARGER THAN 1" MEASURED IN LARGEST DIRECTION.
- GRADE ALL AREAS TO MAINTAIN POSITIVE SLOPE AWAY FROM BUILDING.
- ALL GRADED AREAS TO RECEIVE SEED OR SOD, TOP SOIL, STRAW AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- INSTALL TEMPORARY TURF REINFORCEMENT MATTING ON ALL SLOPES STEEPER THAN 3:1. MATTING SHALL BE CONTECH LANDLOK C2 OR EQUAL.
- REFER TO CIVIL DETAILS FOR PAVEMENT IN PARKING AND DRIVE AREAS.
- ALL SIDEWALKS SHALL BE CONSTRUCTED OF 3,500 PSI CONCRETE AND SHALL HAVE TOOLED CONTROL JOINTS PER THE JOINT SPACING REFERENCED ON THE PLAN.
- MATERIALS SELECTED FOR USE AS STRUCTURAL FILL SHALL BE FREE OF VEGETABLE MATTER, WASTE CONSTRUCTION DEBRIS, AND OTHER DELETERIOUS MATERIALS. THE MATERIAL SHALL NOT CONTAIN ROCKS HAVING A DIAMETER OVER 3 INCHES.
- SOILS REPRESENTED BY THEIR USCS GROUP SYMBOLS WILL TYPICALLY BE SUITABLE FOR USE AS STRUCTURAL FILL: (ML), (CL), (SM), AND (SC).
- THE FOLLOWING SOILS ARE CONSIDERED SUITABLE IN AREAS WHERE A MINIMUM THICKNESS OF 3' OF LOW PERMEABILITY SOILS CAN BE USED AS COVER: (SW), (SP), (SP-SM), AND (SP-SC).
- THE FOLLOWING SOILS ARE CONSIDERED SUITABLE IN AREAS WHERE A MINIMUM THICKNESS OF 3' OF NON-EXPANSIVE SOILS CAN BE USED AS COVER: (MH) AND (CH).
- THE FOLLOWING SOIL TYPES ARE CONSIDERED UNSUITABLE: (OL), (OH), AND (PI).
- ALL STRUCTURAL FILL SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698). ADDITIONALLY, THE IN-PLACE MAXIMUM DRY DENSITY OF STRUCTURAL FILL SHOULD BE NO LESS THAN 90 PCF.
- THE UPPER 12" OF BUILDING FLOOR SLAB SUBGRADES SHALL BE COMPACTED TO AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698).
- FILL PLACEMENT IN PAVEMENT AREAS SHALL BE PERFORMED IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS.
- SUITABLE FILL MATERIAL SHALL BE PLACED IN 8" LIFTS AND COMPACTED BY MECHANICAL MEANS. PROOFROLLING WITH RUBBER TIERED, HEAVILY LOADED VEHICLES MAY BE DESIRABLE AT INTERVALS OF APPROXIMATELY 2 VERTICAL FEET TO BIND THE LIFTS TOGETHER AND TO SEAL THE SURFACE OF THE COMPACTED AREAS.
- ALL BUILDING, SIDEWALK, AND PAVEMENT SUB-GRADE COMPACTIONS SHALL BE INTERMEDIATELY TESTED THROUGHOUT FILL PLACEMENT OPERATIONS AND APPROVED BY THE GEOTECHNICAL ENGINEER. ALL SUB-GRADES SHALL BE THOROUGHLY PROOF-ROLLED TO IDENTIFY SMALL LOCALIZED AREAS OF UNSUITABLE SOILS. ALL UNSUITABLE SOILS SHALL BE UNDERCUT, REPLACED WITH STRUCTURAL FILL, AND COMPACTED AS DESCRIBED ABOVE. WHERE REQUIRED, PAVEMENT SHALL BE SAW CUT IN STRAIGHT LINES, AND EXCEPT FOR EDGE OF BUTT JOINTS, SHALL EXTEND TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS SHALL BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED.
- THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, CLEANOUTS, ETC. SHALL BE ADJUSTED, AS REQUIRED, TO MATCH PROPOSED GRADES.
- SITE CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR OFF SITE MATERIAL SOURCES AND / OR DISPOSAL FACILITIES. CONTRACTOR SHALL SUPPLY A COPY OF APPROVALS TO OWNER PRIOR TO INITIATING WORK.
- UNLESS INDICATED OTHERWISE, ALL STORM DRAINAGE PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) CLASS III WITH SOIL TIGHT JOINTS.
- SITE CONTRACTOR SHALL INSTALL BUILDING ROOF DRAINS TO WITHIN 2' OF THE BUILDING EXTERIOR WALL, CAP AND PROVIDE ABOVE GROUND MARKER FOR LOCATION PURPOSES. GENERAL CONTRACTOR IS RESPONSIBLE FOR TIE-INS OF BUILDING DOWNSPOUTS TO SITE ROOF DRAINAGE PIPING.

- Final Drawing -
Issued for Permit
Review Purposes Only

REVISIONS:

#	DATE	DESCRIPTION
1	11-MAY-23	ISSUED FOR PERMIT REVIEW

CROSLAND SOUTHEAST
 ELEVEN

GRADING PLAN
7ELEVEN AT WALLBROOK (LOT 11)
 Town of Rolesville Project No. SDP 23-____
 US 401 Business / S. Main Street & Virginia Water Drive
 Wake Forest Township, Town of Rolesville, Wake County, North Carolina

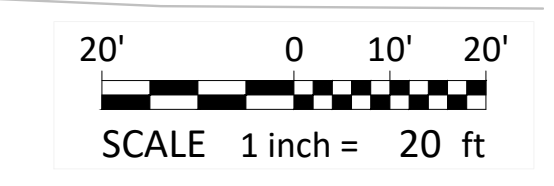
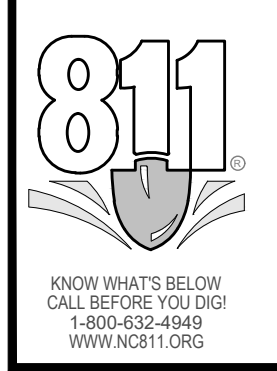
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 ENGINEERS & PLANNERS

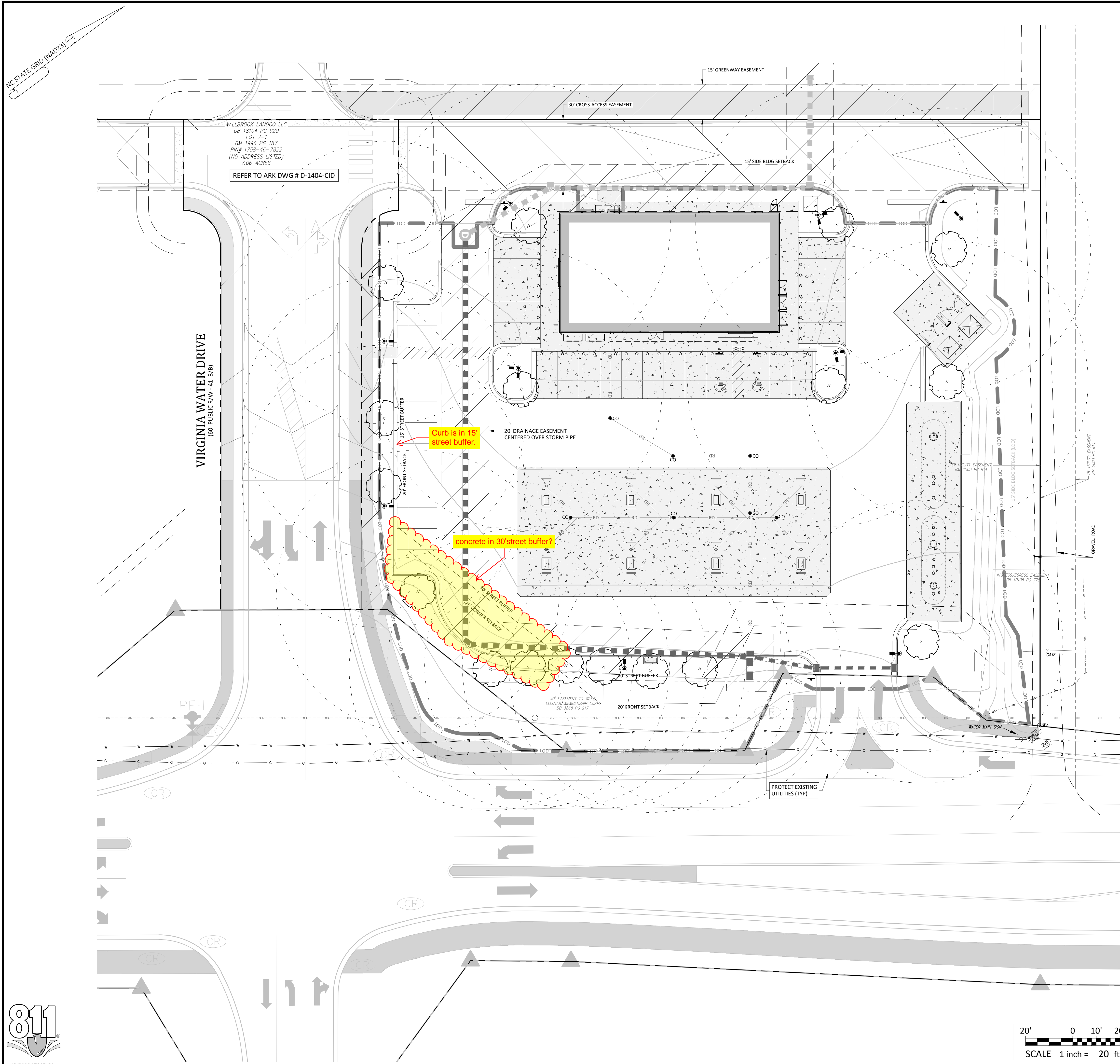
2755-B Chambers Blvd
 Raleigh, NC 27608
 (919) 877-7858
 www.arkconsultinggroup.com

Final Drawing
 5/11/2023

Project Manager: BCF
 Drawn By: DLC/TN
 Checked By: TN
 Project Number: 22049
 Drawing Number: D-1404-SDP

C4.0
 Date: May 2023

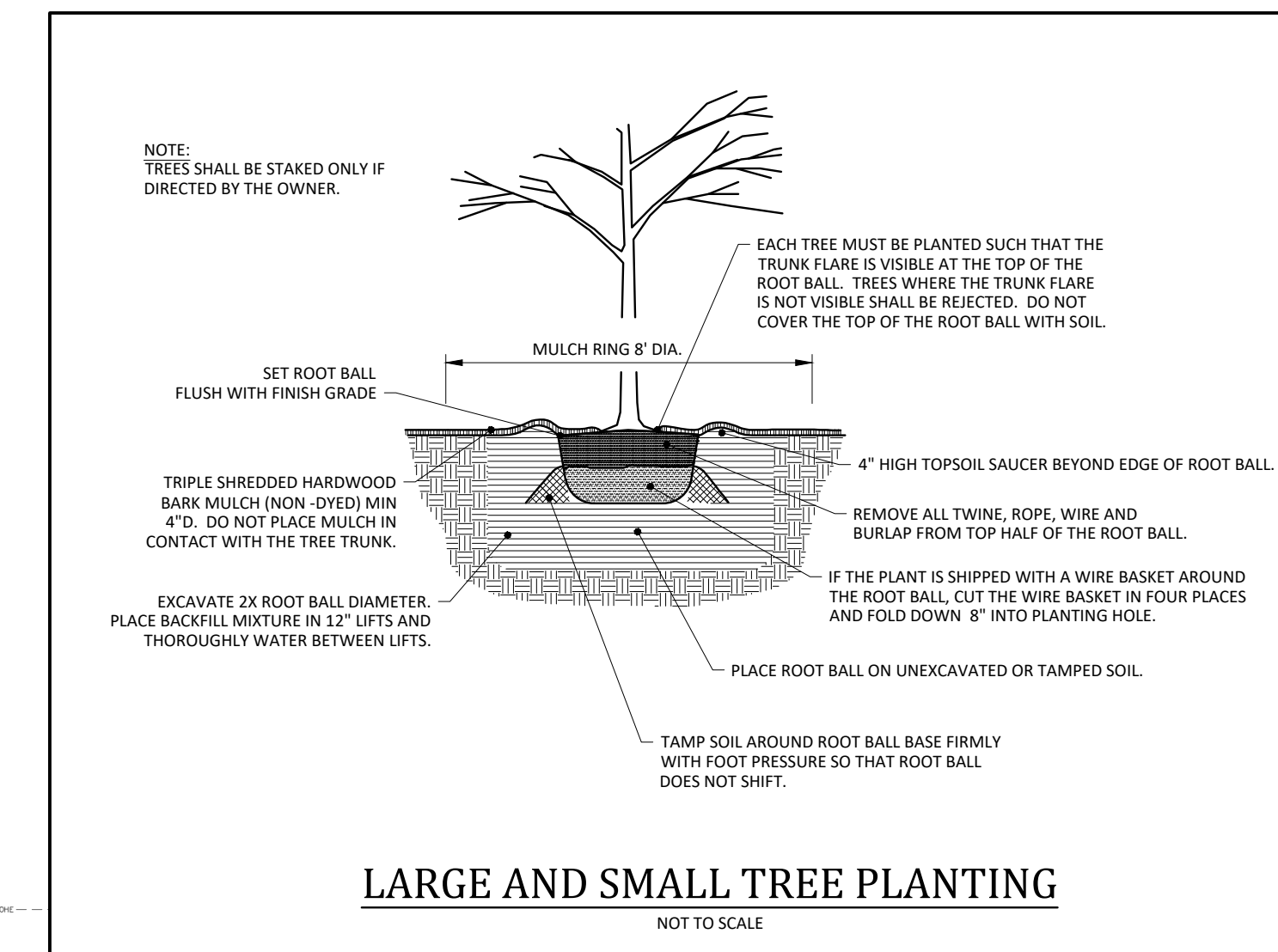




Bufferyard Notes:

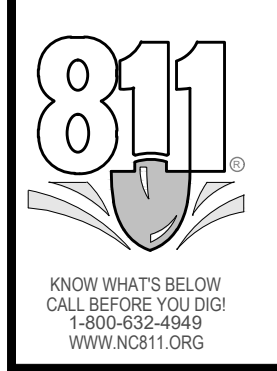
1. SITE DATA:
 - A. PROVIDED VEGETATION FOR LOT:
 - LARGE TREES: 17 PROVIDED
 - B. REQUIRED STREET VEGETATION:
 - LARGE TREES: S. MAIN STREET = 260 LF / 40' * 1 TREE = 6.5 TREES (7 PROVIDED)
 - VIRGINIA WATER DRIVE = 170 LF / 40' * 1 TREE = 4.25 TREES (4 PROVIDED)
 - C. REQUIRED SCREENING VEGETATION: NONE
 - D. REQUIRED VEGETATION LOCATED IN EASEMENTS: NONE
2. NOTES:
 - A. MINIMUM PLANT SIZES SHALL BE IN ACCORDANCE WITH THE SECTION 6.2.4.3 OF THE LDO AS FOLLOWS:

PLANTING MATERIAL TYPE	MINIMUM PLANTING SIZE
1. LARGE (CANOPY) TREE	8" (HEIGHT AND 2" CALIPER
2. SMALL/MEDIUM (UNDERSTORY) TREE	8" (HEIGHT) AND 1" CALIPER
3. SHRUB	24" (HEIGHT) - EVERGREEN 18" (HEIGHT) - DECIDUOUS
 - B. NO PORTION OF ANY PARKING SPACE SHALL BE LOCATED MORE THAN SIXTY (60) FEET FROM AN ON-SITE LARGE (CANOPY) TREE. FOR PURPOSES OF THIS SECTION, THE MEASUREMENT SHALL BE FROM THE CLOSEST EDGE OF THE SUBJECT AREA TO THE CENTER OF THE BASE OF THE CLOSEST QUALIFYING TREE IN ACCORDANCE WITH SECTION 6.2.4.4 OF THE LDO.
 - C. DUMPSTER/COMPACTOR SHALL BE SCREENED ON 3 SIDES IN ACCORDANCE WITH SECTION 6.2.4.6 OF THE LDO.
 - D. NO TREES OR SHRUBS SHALL BE PLANTED WITHIN SANITARY SEWER, WATERLINE OR ELECTRIC EASEMENTS WITHOUT THE TOWN AND EASEMENT HOLDER APPROVAL.
 - E. ALL MULTI-STEM TREES SHALL HAVE AT LEAST THREE STALKS WITH A MINIMUM CALIPER OF 2.5" IN ACCORDANCE WITH SECTION 6.2.4.7 OF THE LDO.
 - F. LANDSCAPING SHALL BE COMPLIANT WITH LDO SECTION 6.2.4.
 - G. MINIMUM OF 3 FEET CLEARANCE MUST BE MAINTAINED AROUND ALL FIRE HYDRANTS IN ACCORDANCE WITH STATE BUILDING CODE.
 - H. PLANTINGS WITHIN THE R/W ARE TO BE INSTALLED AS PART OF THE MAIN STREET PROJECT (NCDOT U-6241). SEE STANTEC PLAN SHEET L-4.
 - I. REFER TO WALLBROOK PRELIMINARY PLAT (PR 21-04 REV) FOR VEGETATION PRESERVATION IN THIS AREA.



Vegetation Legend:

- PROPOSED LARGE TREE (CANOPY)
TOTAL QUANTITY = 17
HEIGHT = 12'
MATURE HEIGHT = 50' - 80'
COMMON NAME: RED MAPLE
BOTANICAL NAME: ACER RUBRUM
- PROPOSED SHRUB
- PROPOSED SHRUB(S)
- PROPOSED SOD



**- Final Drawing -
Issued for Permit
Review Purposes Only**

REVISIONS:

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CROSLAND SOUTHEAST
ELEVEN

REQUIRED VEGETATION PLAN

7ELEVEN AT WALLBROOK (LOT 11)

Town of Rolesville Project No. SDP 23-____

US 401 Business / S. Main Street & Virginia Water Drive
Wake Forest Township, Town of Rolesville, Wake County, North Carolina

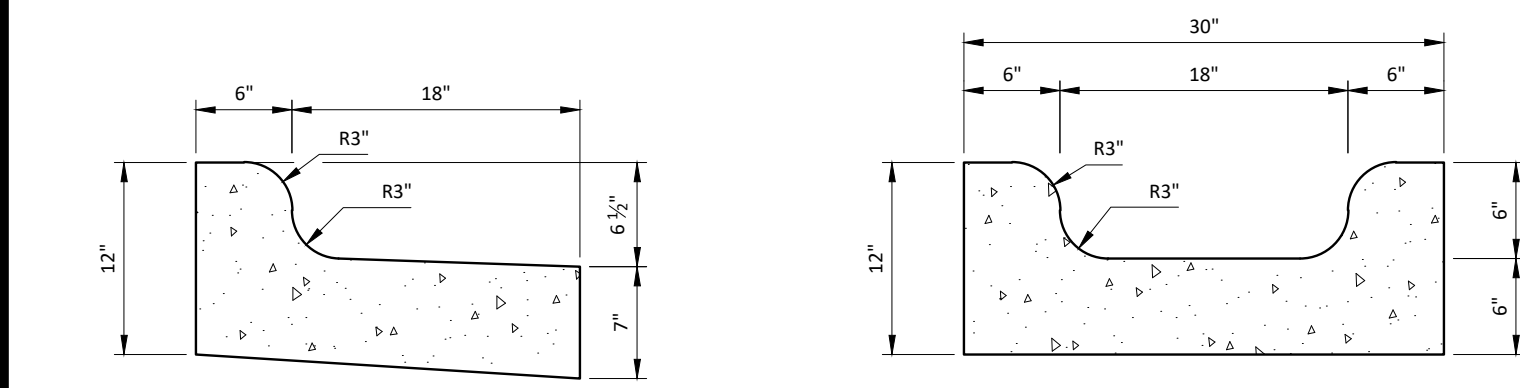
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ENGINEERS & PLANNERS

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Cary, NC 27513
(919) 558-0888
www.arkconsultinggroup.com

Project Manager: BCF
Drawn By: DLC/TN
Checked By: TN
Project Number: 22049
Drawing Number: D-1404-SDP

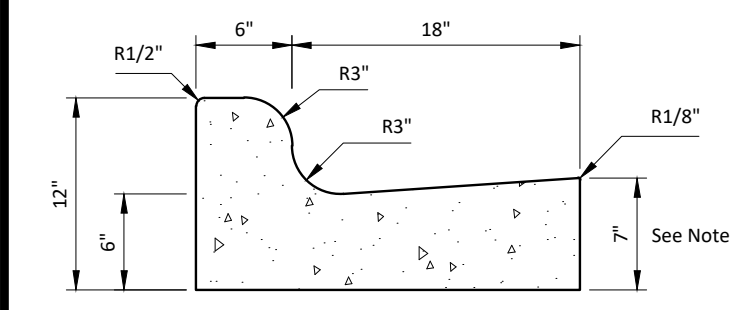
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Date: May 2023

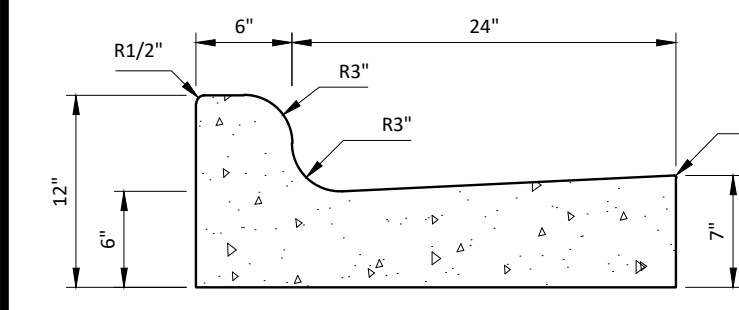


24" CONCRETE CURB AND GUTTER - SPILL

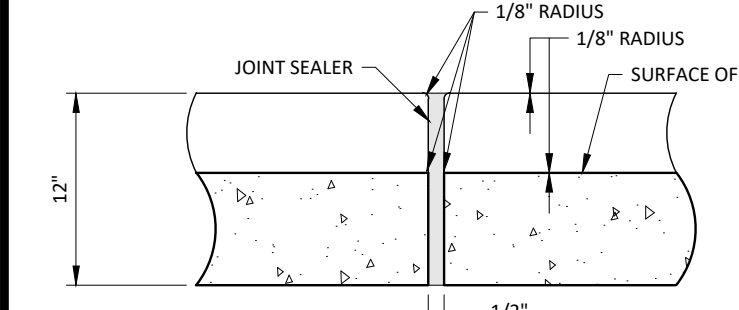
SPECIAL GUTTER



24" CONCRETE CURB AND GUTTER

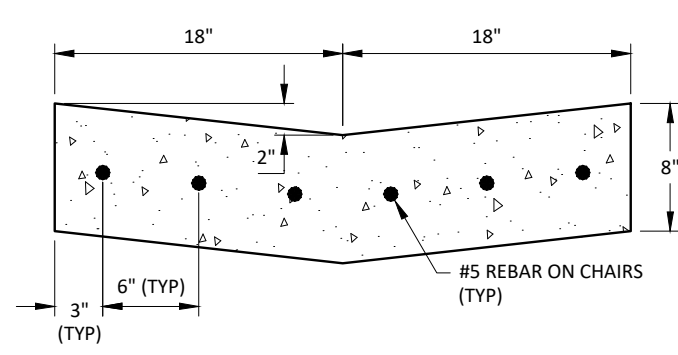


30" CONCRETE CURB AND GUTTER



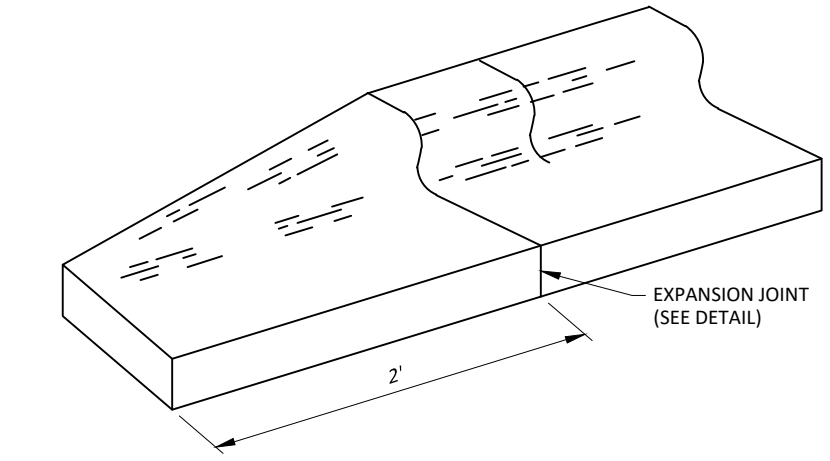
CURB AND GUTTER DETAIL

NOT TO SCALE



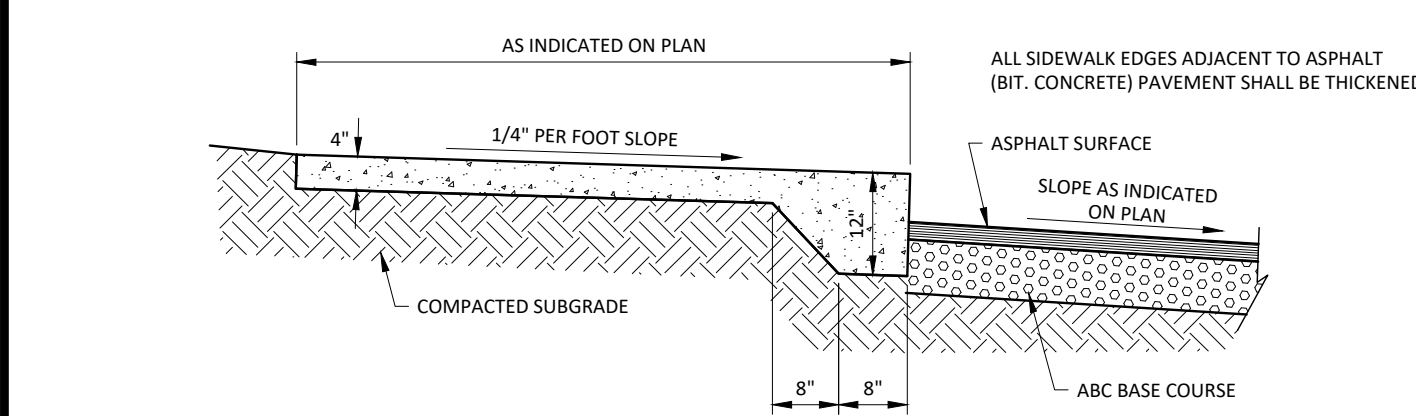
CONCRETE VALLEY GUTTER

NOT TO SCALE



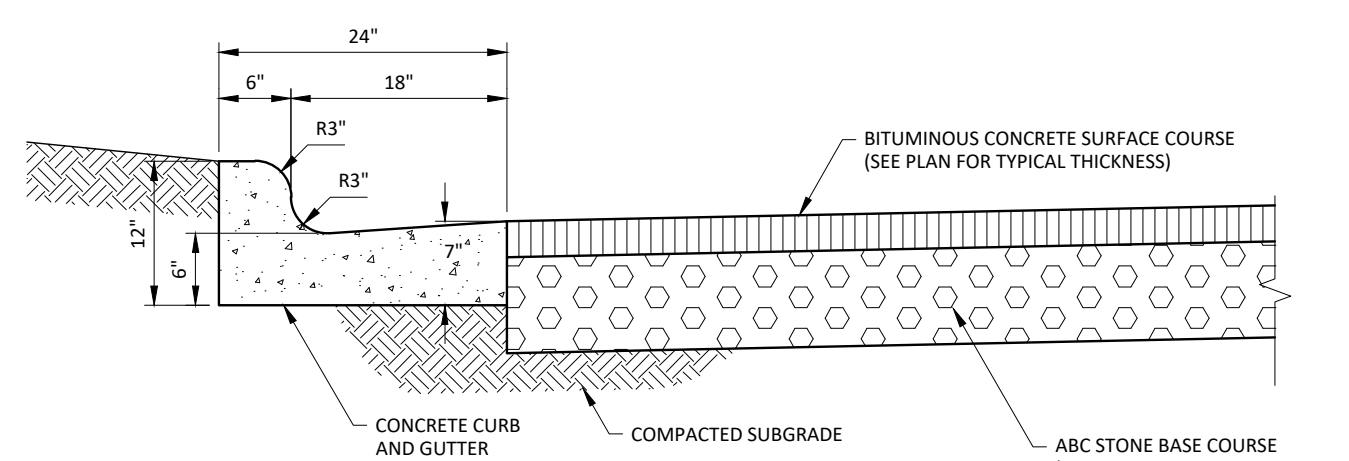
CURB TAPER DETAIL

NOT TO SCALE



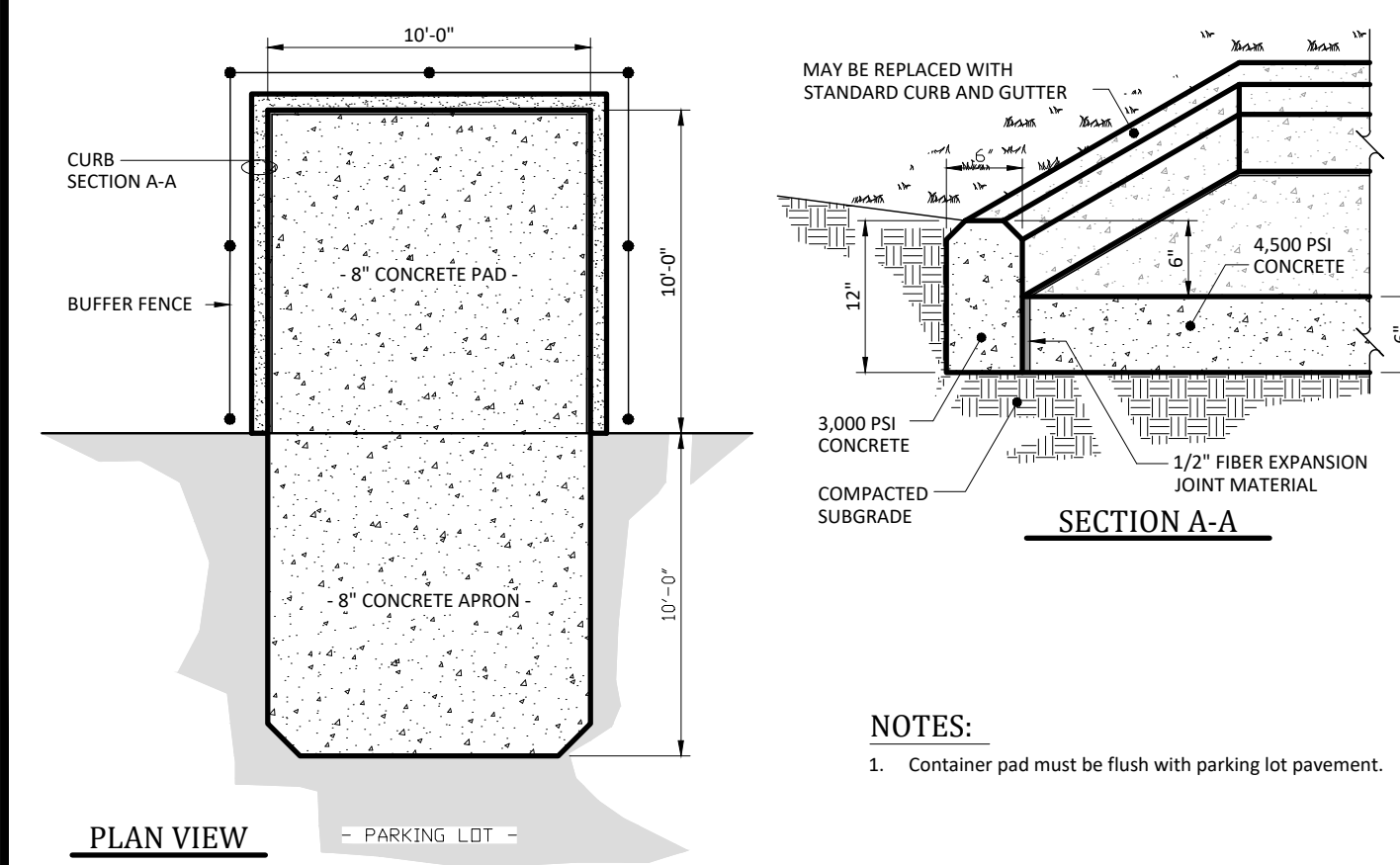
RAISED THICKENED EDGE CONCRETE WALK

NOT TO SCALE



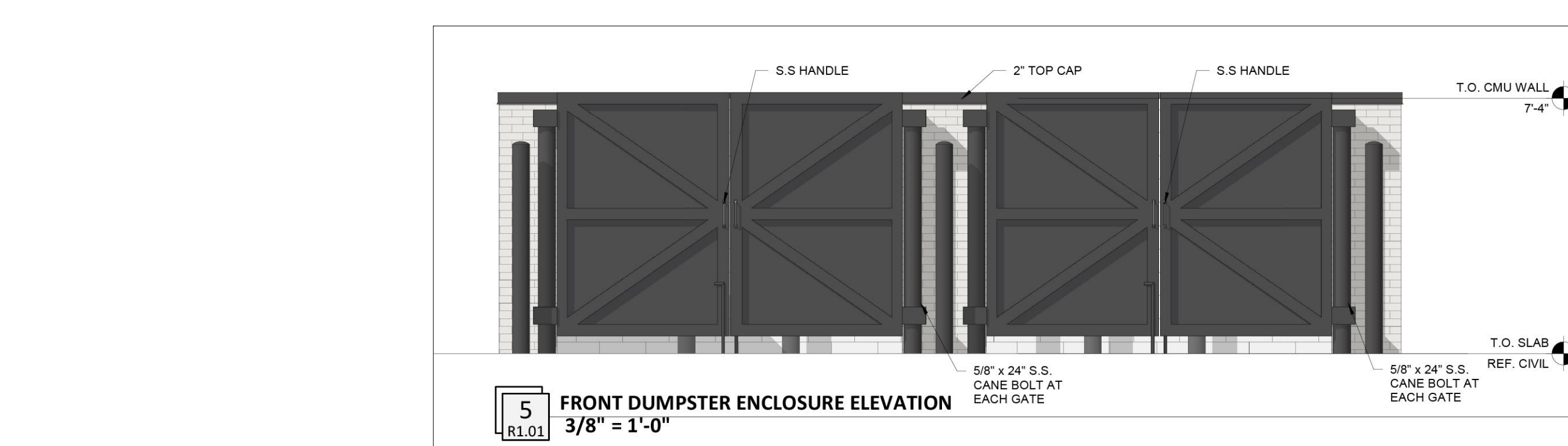
CURB AND GUTTER AND PAVEMENT DETAIL

NOT TO SCALE



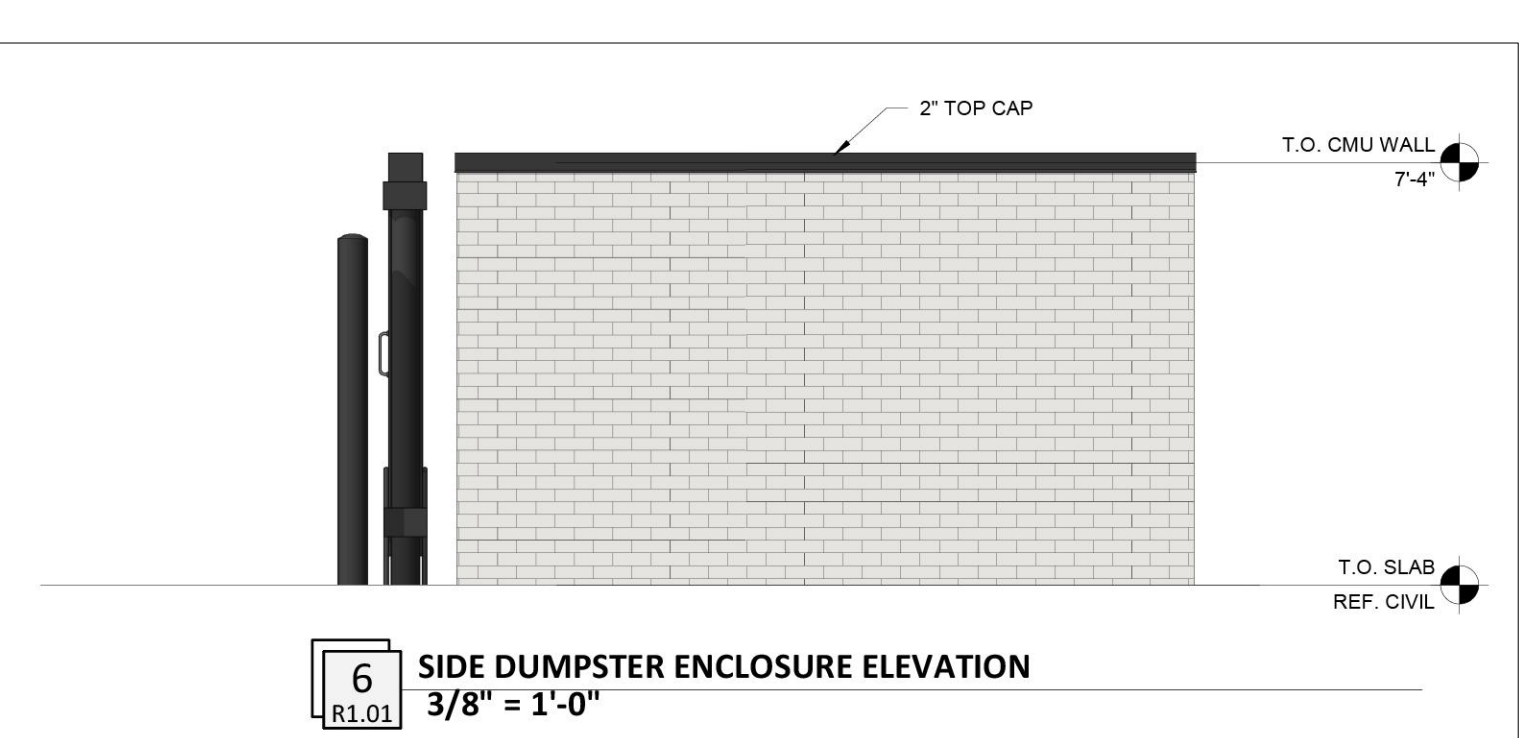
DUMPSTER PAD

NOT TO SCALE



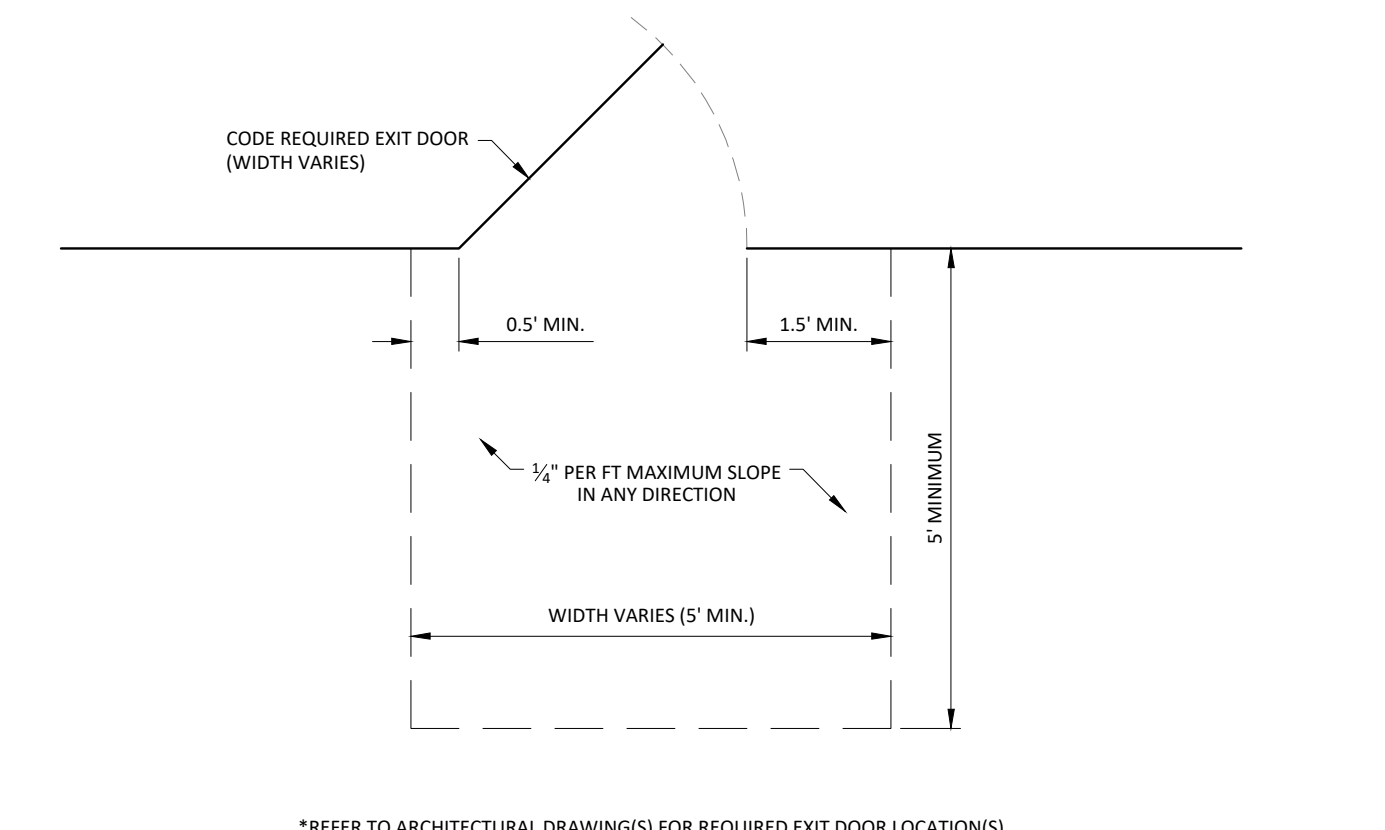
5 FRONT DUMPSTER ENCLOSURE ELEVATION

3/8" = 1'-0"



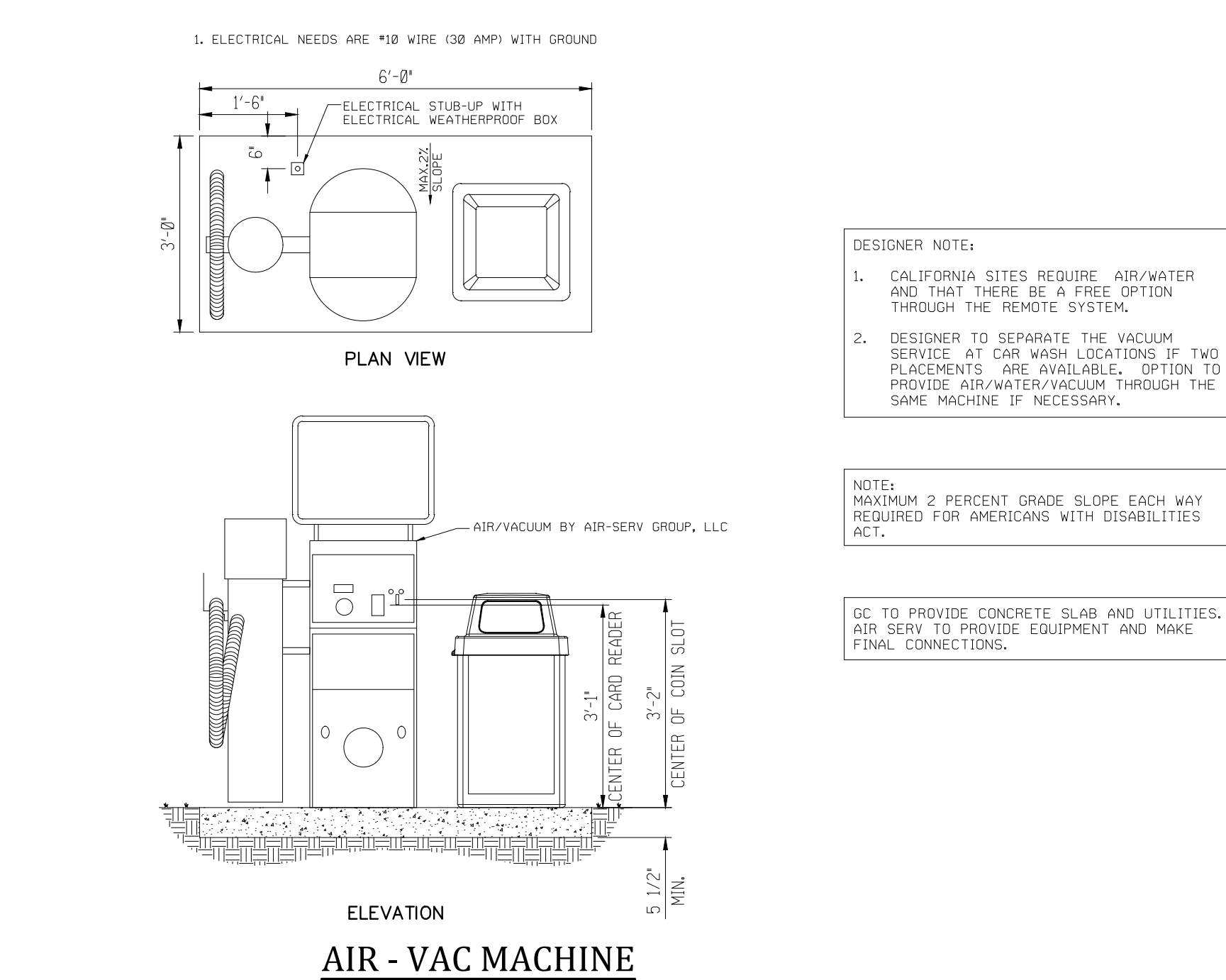
6 SIDE DUMPSTER ENCLOSURE ELEVATION

3/8" = 1'-0"



REQUIRED BUILDING EXIT DOOR ACCESSIBLE GRADES

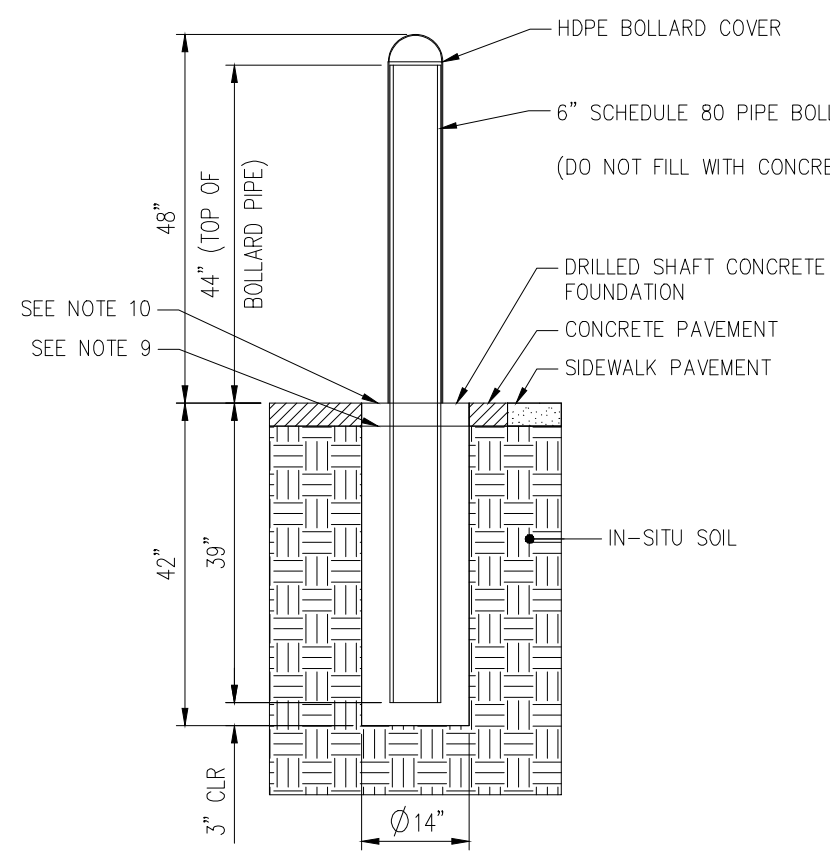
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AIR - VAC MACHINE

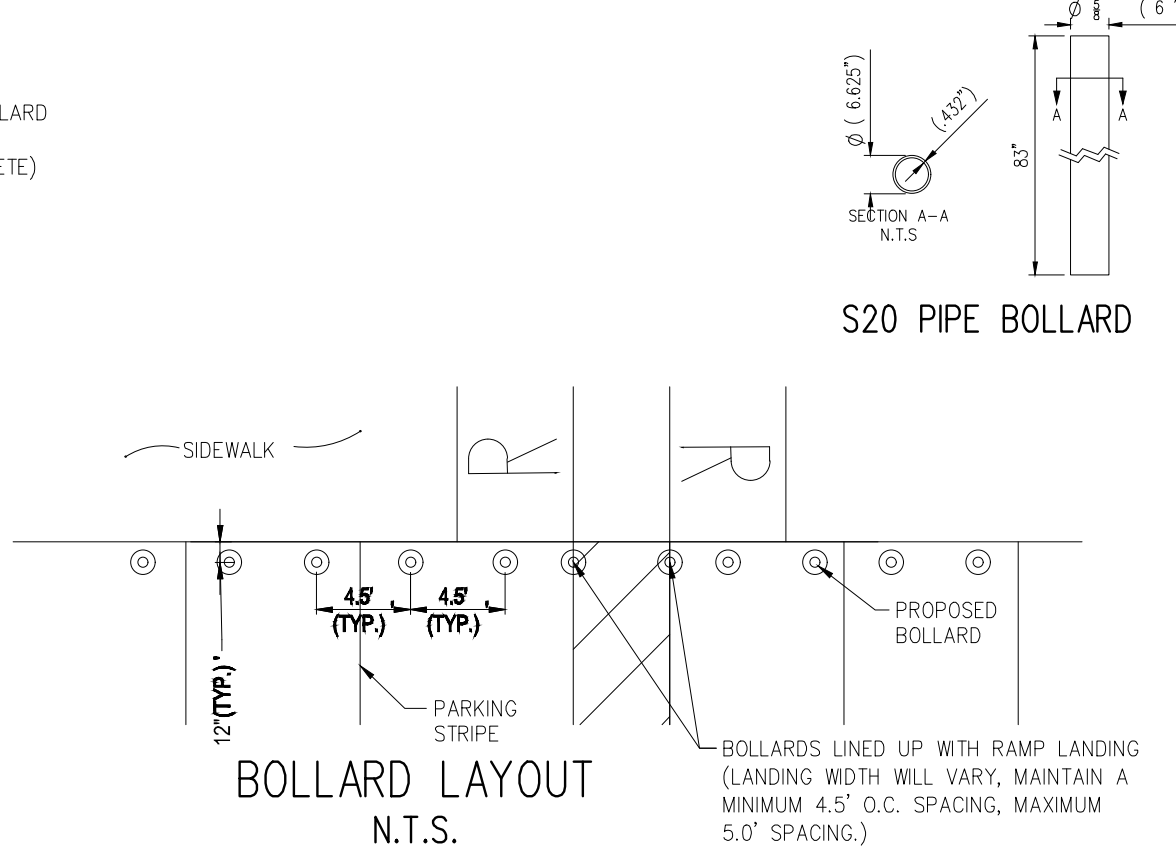
NOT TO SCALE

- GENERAL NOTES:
- MAXIMUM BOLLARD SPACING IS 5' ON CENTER.
 - CONCRETE TO BE 4,000 PSI MIN. UNCONFINED COMPRESSIVE STRENGTH.
 - REINFORCING STEEL CONFORMS TO ASTM A615 GRADE 60.
 - BOLLARD PIPE IS ASTM A53, TYPE E, GRADE B OR A500 GRADE B/C.
 - PROVIDE HIGH-DENSITY POLYETHYLENE (HDPE) BOLLARD COVER, COVER TO BE IDEALSHIELD (OR APPROVED EQUAL) 1/8" THICK, BROWN (PO-6" PIPE FIT, DOME TOP, 48" TALL).
 - DO NOT FILL BOLLARD PIPE WITH CONCRETE, TEMPORARILY SEAL BOTTOM AS NECESSARY TO PREVENT CONCRETE INTRUSION WHILE POURING.
 - USE SONOTUBE IN SANDY OR OTHER SOILS THAT MIGHT CAVE IN.
 - DIMENSIONS IN PARENTHESES ARE NOMINAL.
 - COLD JOINT ACCEPTABLE. THIS LINE FOR NEW INSTALLATIONS IN MONOLITHIC POUR CONCRETE PAVEMENT.
 - SLOPE TOP OF CONCRETE AWAY FROM BOLLARD 1/4" FROM PIPE TO EDGE OF DRILLED SHAFT OR CAP.
 - INCREASE DEPTH OF CAISSON AND BOLLARD PIPE TO MEET LOCAL JURISDICTION MIN. FROST DEPTH REQUIREMENT.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY NO UTILITY CONFLICTS EXIST WHERE BOLLARDS ARE TO BE INSTALLED, PRIOR TO INSTALLATION.
- DESIGN SPECIFICATIONS: ASTM F3016-19 CONDITION DESIGNATION S20



STORE FRONT BOLLARDS

NOT TO SCALE



BOLLARD LAYOUT

N.T.S.

- GENERAL NOTES:
- CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS, EXCEPT THAT A 15' SPACING MAY BE USED WHEN A MACHINE IS USED OR WHEN SATISFACTORY SUPPORT FOR THE FACE FORM CAN BE OBTAINED WITHOUT THE USE OF TEMPLATES AT 10' 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 CONTRACTION JOINTS SHALL BE FILLED WITH JOINT FILLER.
 - EXPANSION JOINTS SHALL BE SPACED AT 90' INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS.
 - ALL CURB AND GUTTERS ARE TO BE POURED WITH CLASS "A" CONCRETE (3000 PSI)
 - FLEXIBLE FORMS ARE TO BE USED WHEN RADII IS LESS THAN 200.

24" CONCRETE CURB AND GUTTER - SPILL

SPECIAL GUTTER

24" CONCRETE CURB AND GUTTER

30" CONCRETE CURB AND GUTTER

CURB AND GUTTER DETAIL

CONCRETE VALLEY GUTTER

CURB TAPER DETAIL

RAISED THICKENED EDGE CONCRETE WALK

CURB AND GUTTER AND PAVEMENT DETAIL

DUMPSTER PAD

5 FRONT DUMPSTER ENCLOSURE ELEVATION

6 SIDE DUMPSTER ENCLOSURE ELEVATION

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- DESIGN SPECIFICATIONS: ASTM F3016-19 CONDITION DESIGNATION S20

STORE FRONT BOLLARDS

BOLLARD LAYOUT

- Final Drawing -
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1.1.MAY.23 ISSUED FOR PERMIT REVIEW

DATE DESCRIPTION

REVISIONS:

CITY OF RALEIGH
STANDARD DETAIL
BIKE RACK DETAILS
B-20.03

DETAILS

7ELEVEN AT WALLBROOK (LOT 11)

Town of Rolesville Project No. SDP 23-

US 401 Business / S. Main Street & Virginia Water Drive
Wake Forest Township, Town of Rolesville, Wake County, North Carolina

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ENGINEERS & PLANNERS

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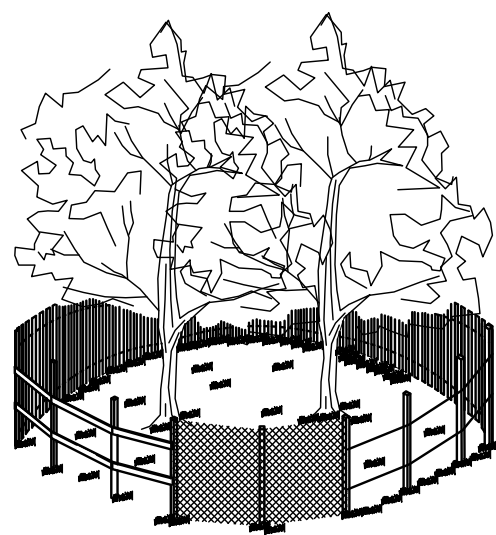
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5/11/2023

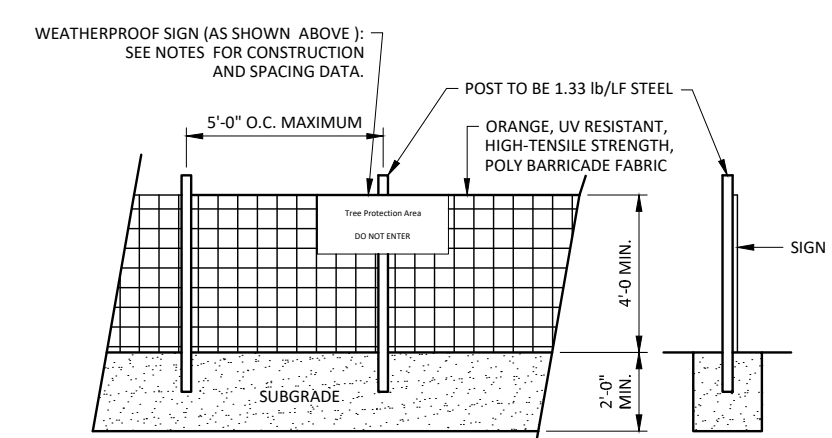
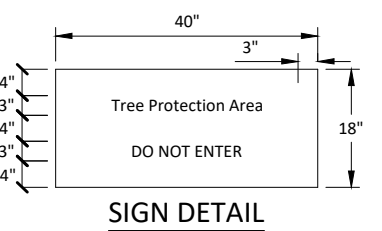
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Drawn By: DLC/TN
Checked By: TN
Project Number: 22049
Drawing Number: D-1404-SDP

C6.1

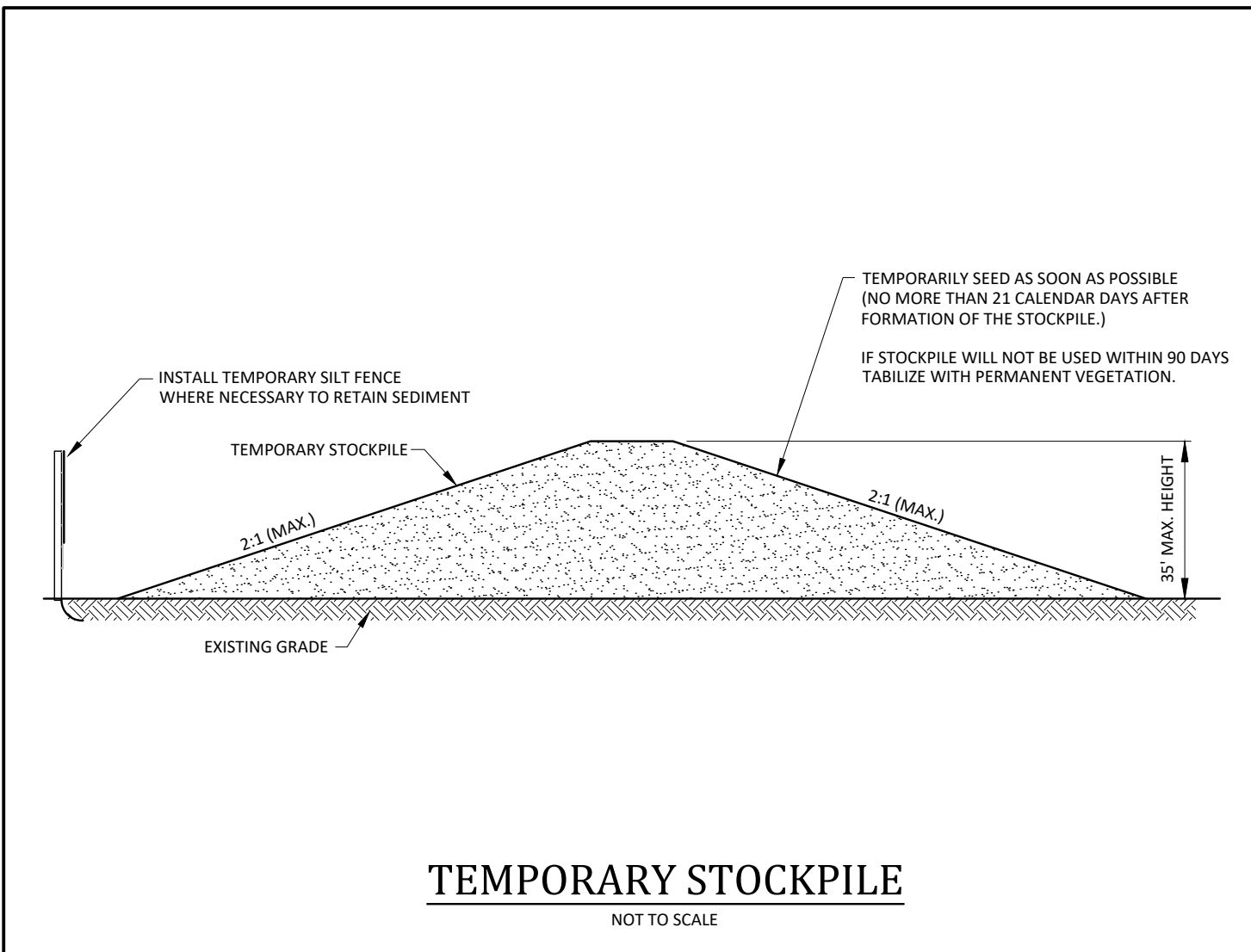
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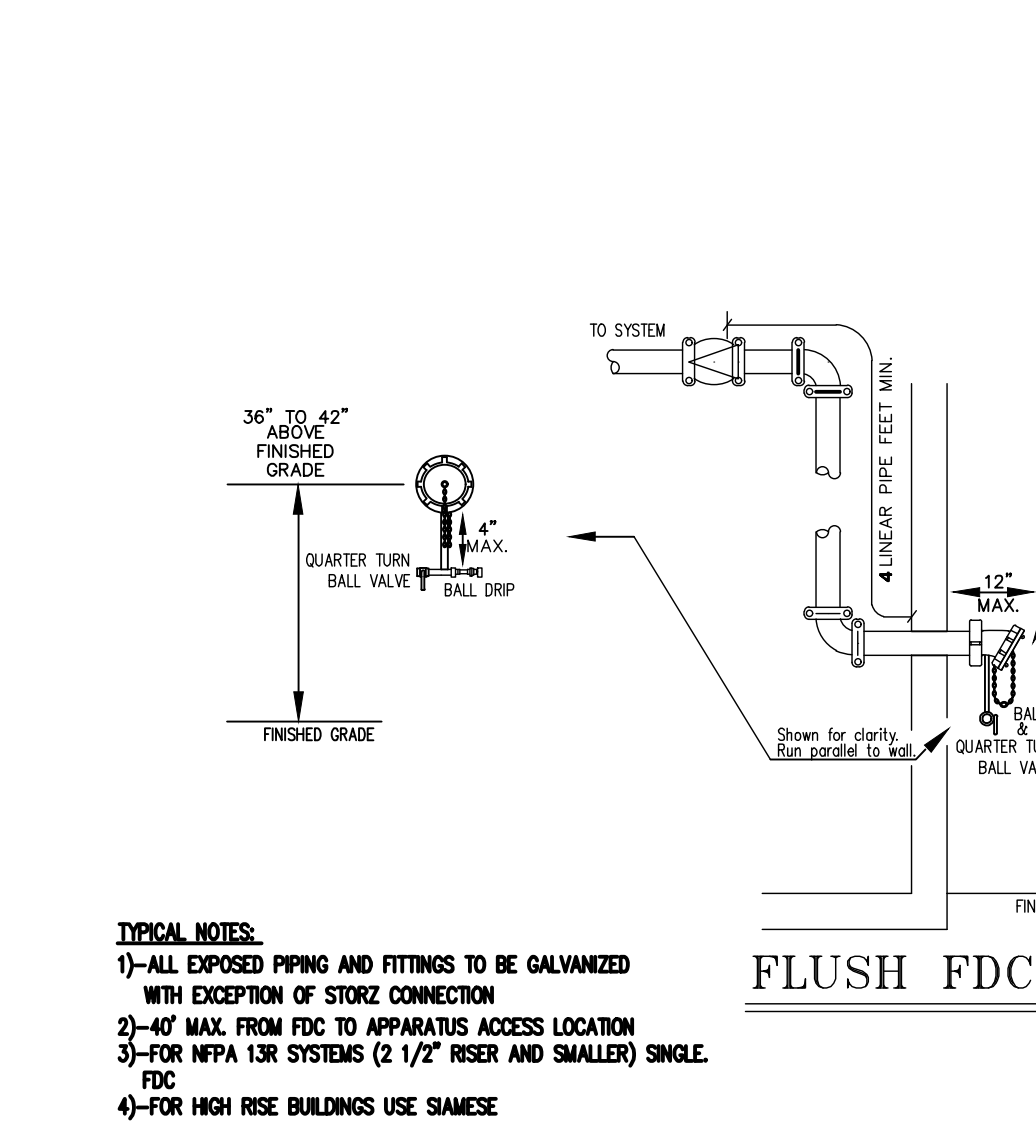
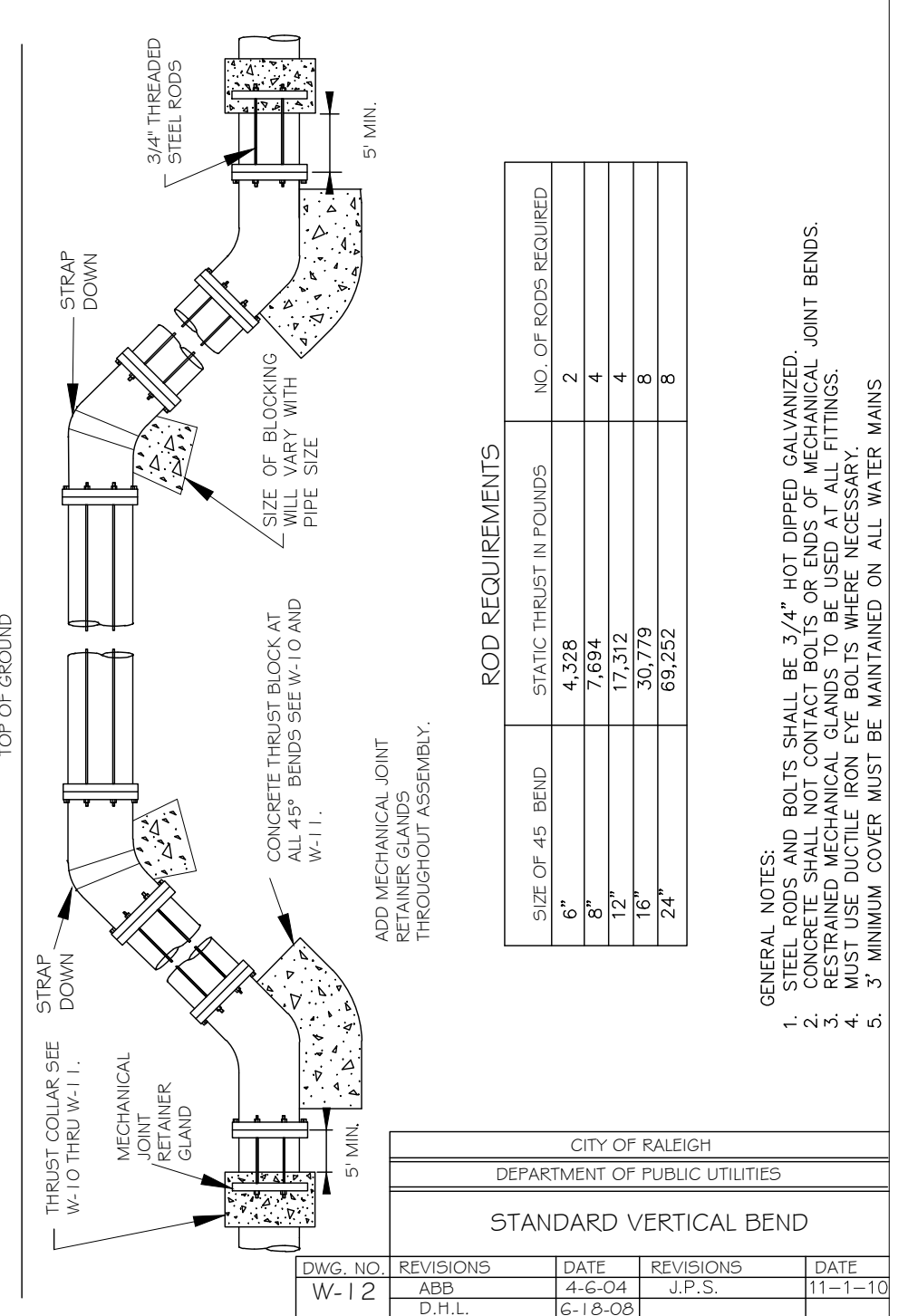
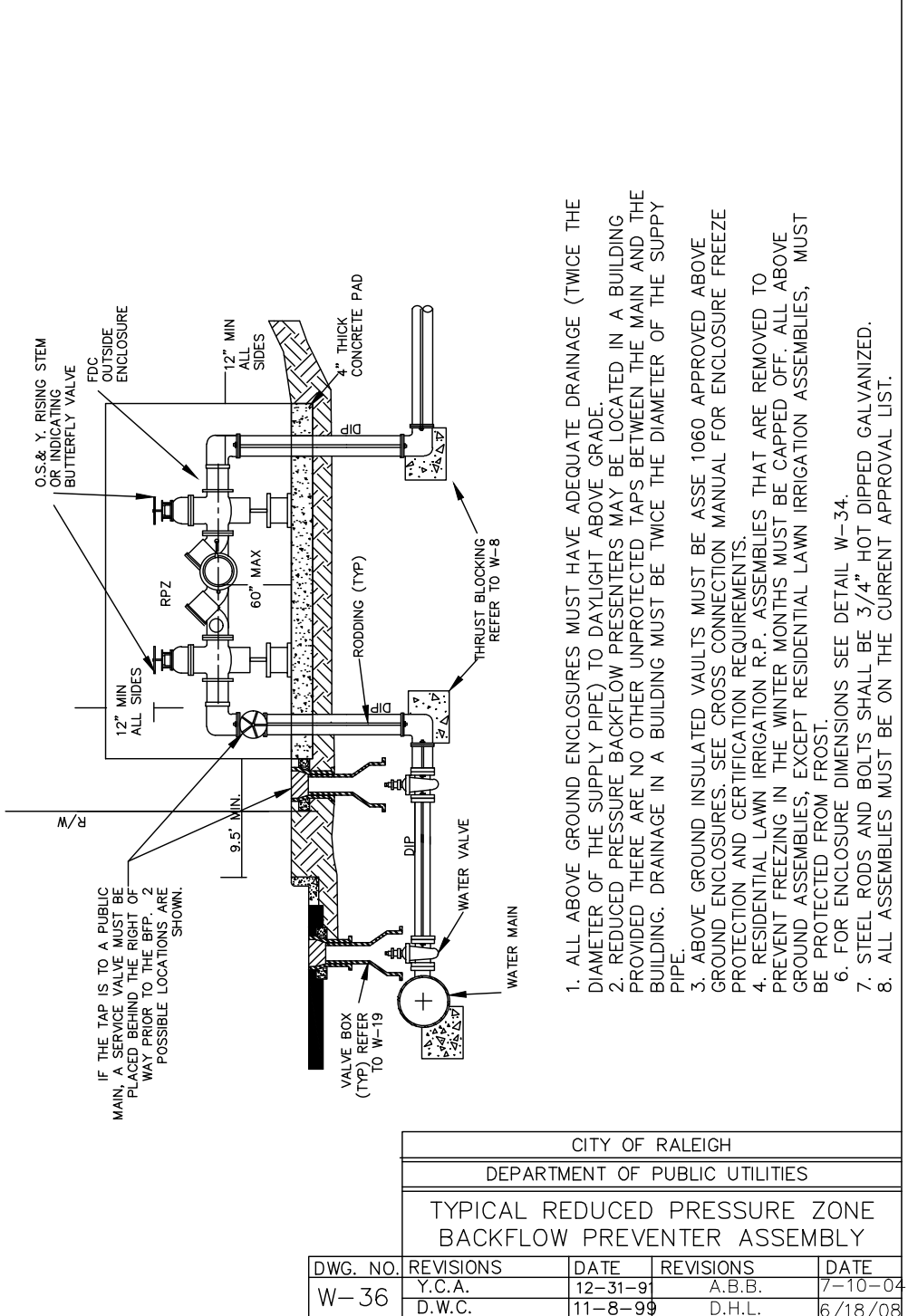
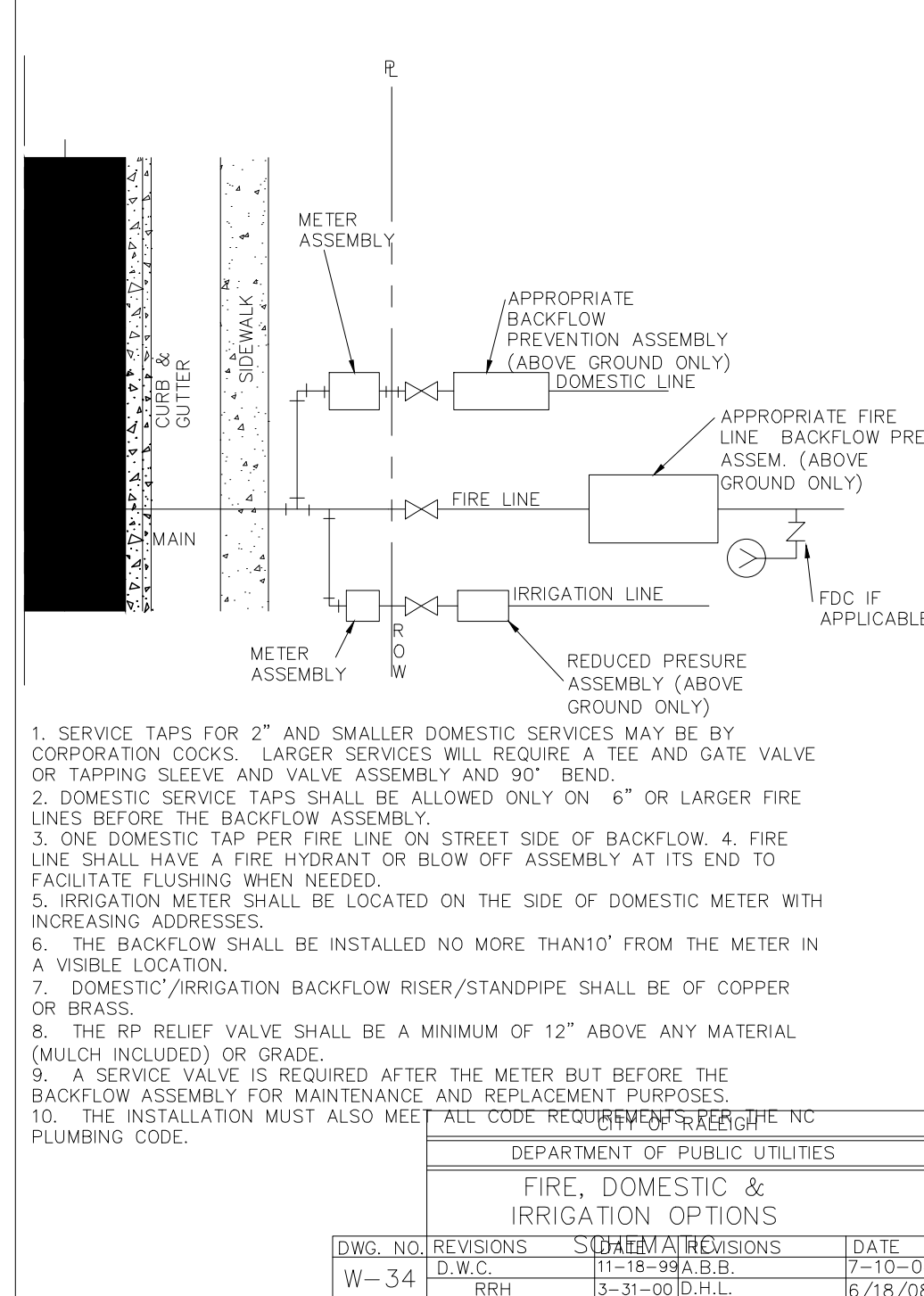
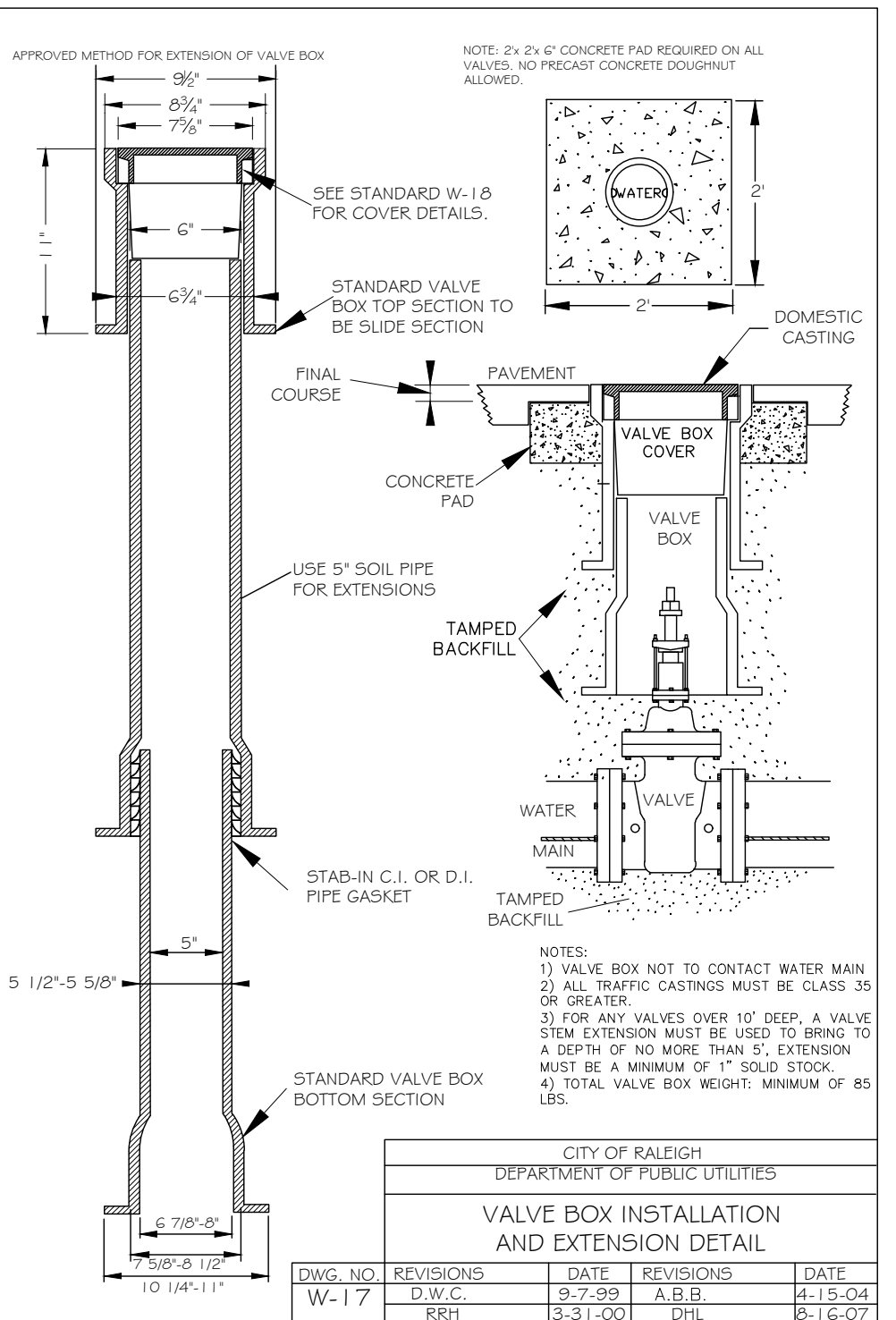
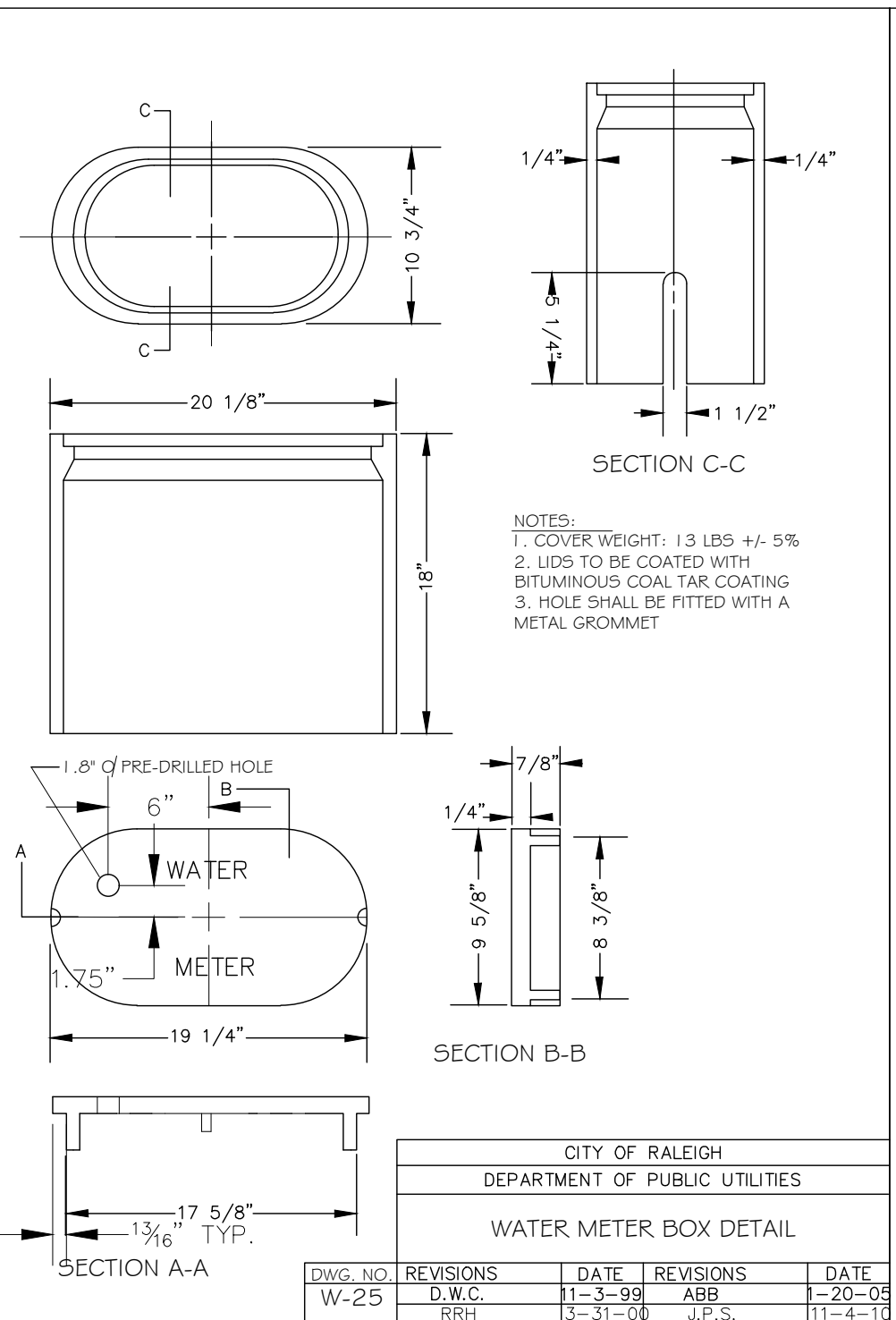
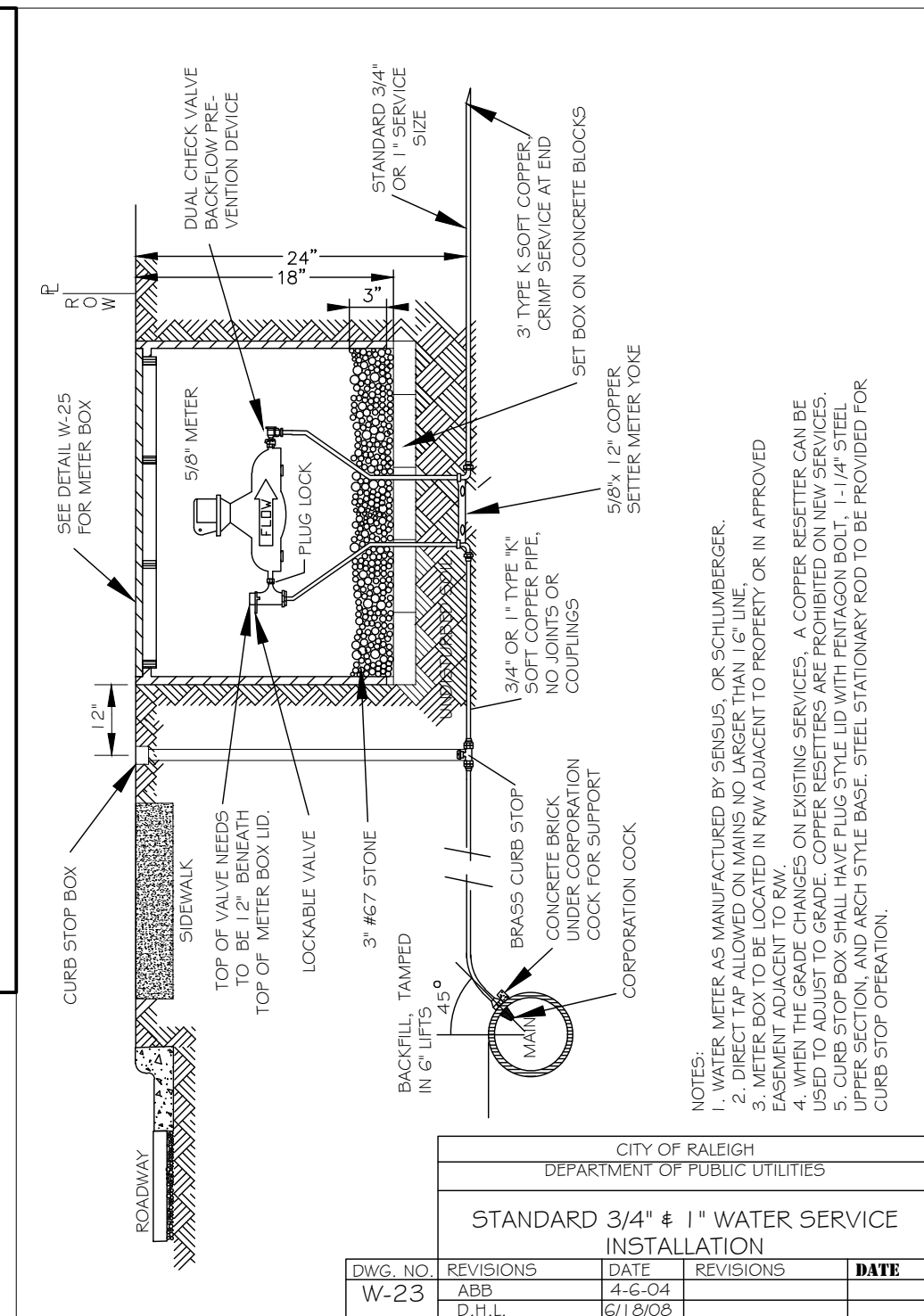
- NOTES:
1. SIGNS ARE TO BE PLACED NO GREATER THAN 200' ON CENTER. PLACE SIGN AT EACH END OF LINEAR TREE PROTECTION AREA AND 200' ON CENTER THEREAFTER.
 2. FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
 3. ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
 4. WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
 5. LETTERS ARE TO BE 3" HIGH MINIMUM. CLEARLY LEGIBLE, AND SPACED AS DETAILED.
 6. INSTALL TREE PROTECTION FENCE & SIGNAGE PRIOR TO CALLING FOR THE INITIAL ON-SITE INSPECTION BY A NCEM INSPECTOR. MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT. ADDITIONAL SIGNS MAY BE REQUIRED BY NCEM BASED ON ACTUAL FIELD CONDITIONS.



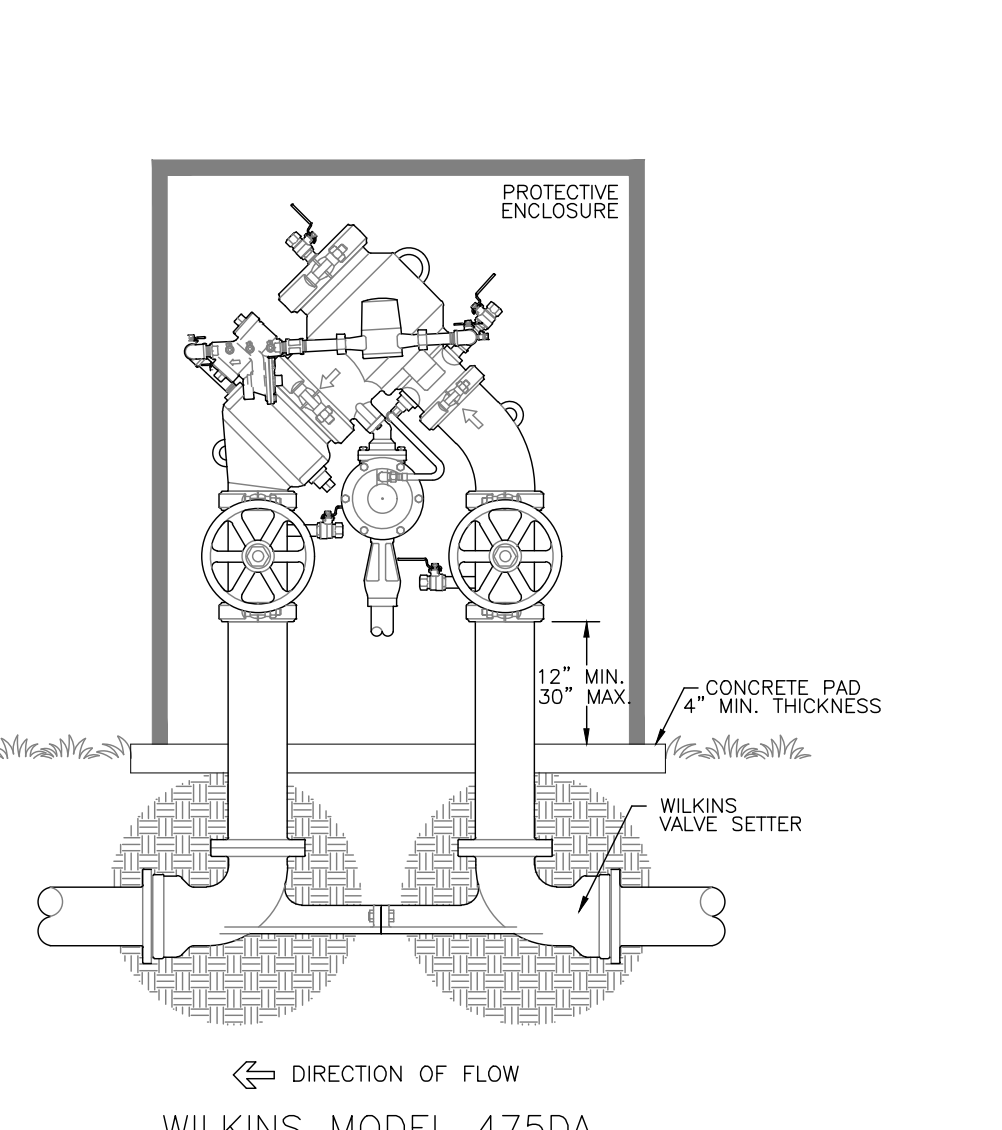
TREE PROTECTION FENCE
NOT TO SCALE



TEMPORARY STOCKPILE
NOT TO SCALE



FLUSH FDC DETAIL
N/S

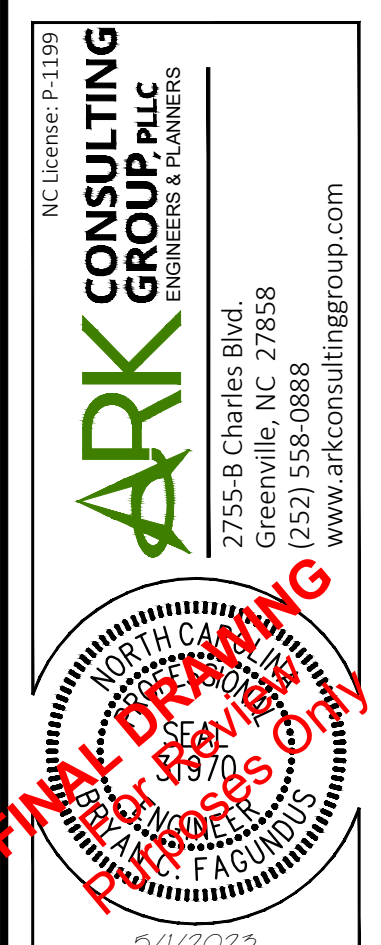


REDUCED PRESSURE DETECTOR ASSEMBLY
NOT TO SCALE

- Final Drawing -
Issued for Permit
Review Purposes Only



7ELEVEN AT WALLBROOK (LOT 11)
Town of Rolesville Project No. SDP 23-
US 401 Business / S. Main Street & Virginia Water Drive
Wake Forest Township, Town of Rolesville, Wake County, North Carolina



Project Manager: BCF
Drawn By: DLC/TN
Checked By: TN
Project Number: 22049
Drawing Number: D-1404-SDP

C6.2

Date: May 2023

GENERAL NOTES:

1. THIS ALTA/NSPS LAND TITLE SURVEY WAS PREPARED FOR THE BENEFIT OF WALLBROOK LANDCO, LLC, ITS SUCCESSORS AND/OR ASSIGNS AS THEIR INTERESTS MAY APPEAR, AND INVESTORS TITLE INSURANCE COMPANY.
2. THE PROPERTY AS SHOWN HEREON IS BASED ON A FIELD-RUN BOUNDARY SURVEY WITH A RAW CLOSURE OF 1:35,900.
3. THE IMPROVEMENTS SHOWN HEREON ARE BASED ON A FIELD-RUN PLANIMETRIC SURVEY PERFORMED BY JOHNSON, MIRMIRAN & THOMPSON FROM MARCH 16 THROUGH MARCH 19, 2020 AND REFLECTS SITE CONDITIONS AS OF THAT DATE.
4. ELEVATIONS ARE BASED ON NAVD88 DATUM.
5. THE SURVEY IS REFERENCED TO THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM (NCSPCS), NORTH AMERICAN DATUM, 1983, 2001 ADJUSTMENT, NAD83(2001).
6. THE USE OF THE WORD CERTIFY OR CERTIFICATION CONSTITUTES AN EXPRESSION OF PROFESSIONAL OPINION REGARDING THOSE FACTS OR FINDINGS WHICH ARE THE SUBJECT OF THE UNDERSIGNED PROFESSIONAL'S KNOWLEDGE, INFORMATION AND BELIEF, AND IN ACCORDANCE WITH THE COMMONLY ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE EITHER EXPRESSED OR IMPLIED.
7. THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE X, AREA OF MINIMAL FLOODING, AS SHOWN ON NATIONAL FLOOD INSURANCE RATE MAP (FIRM), WAKE COUNTY, NORTH CAROLINA, PANEL 1758, MAP NO. 3720175800J, EFFECTIVE DATE: MAY 2, 2006.
8. AT THE TIME OF THE SURVEY, THERE WERE NO PARKING SPACES.
9. AT THE TIME OF THE SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF THE SITE BEING USED AS A SOLID WASTE DUMP, SUMP OR LANDFILL.
10. AT THE TIME OF THE SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF A CEMETERY.
11. AT THE TIME OF THE SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF BUILDING CONSTRUCTION OR BUILDING ADDITIONS.
12. CURRENT ZONING: I-SUD (INDUSTRIAL SPECIAL USE DISTRICT)

SETBACK REQUIREMENTS:

- FRONT: 30'
- SIDE: 15'
- CORNER: 25'
- REAR: 35'

(ZONING INFORMATION BASED ON INFORMATION AS SUPPLIED BY CURRENT COUNTY ZONING DEPARTMENT, NO ZONING REPORT OR LETTER WAS PROVIDED TO SURVEYOR AT TIME OF SURVEY.)

RECORD LEGAL DESCRIPTION

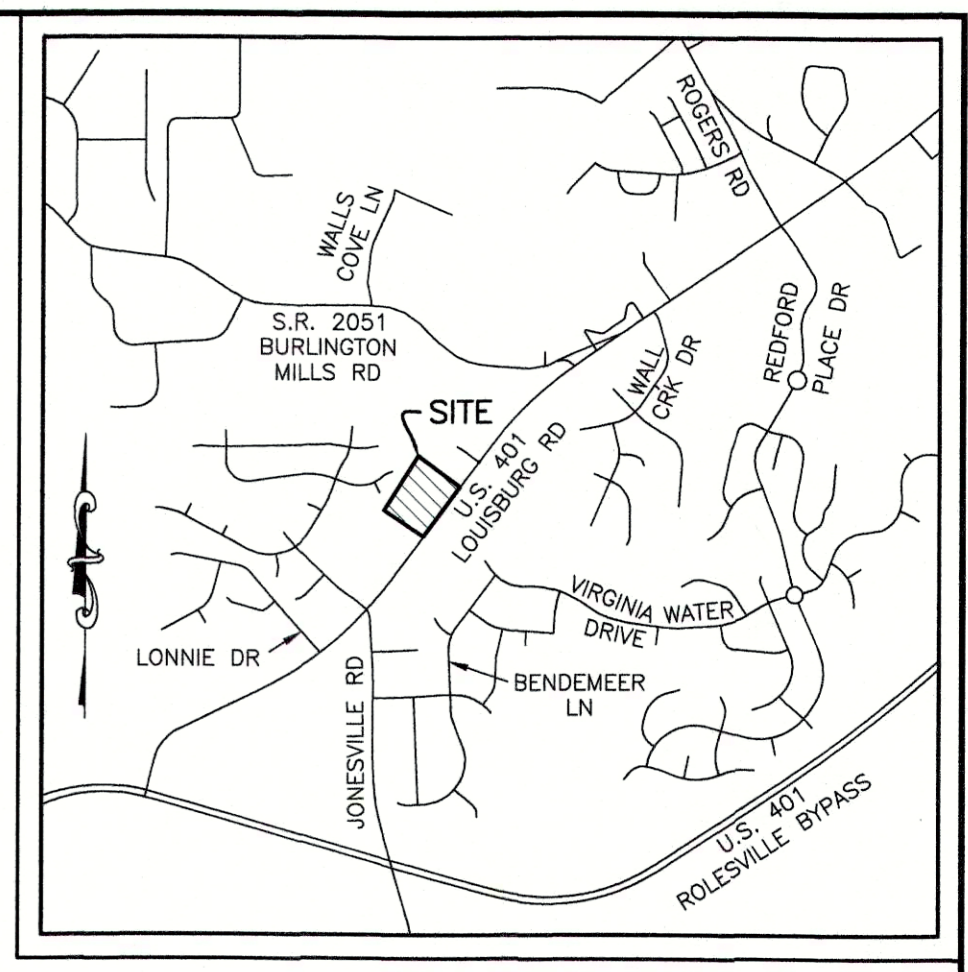
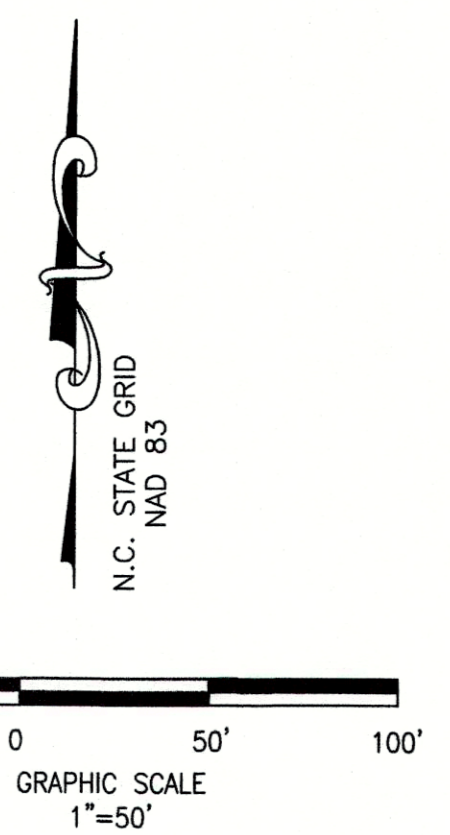
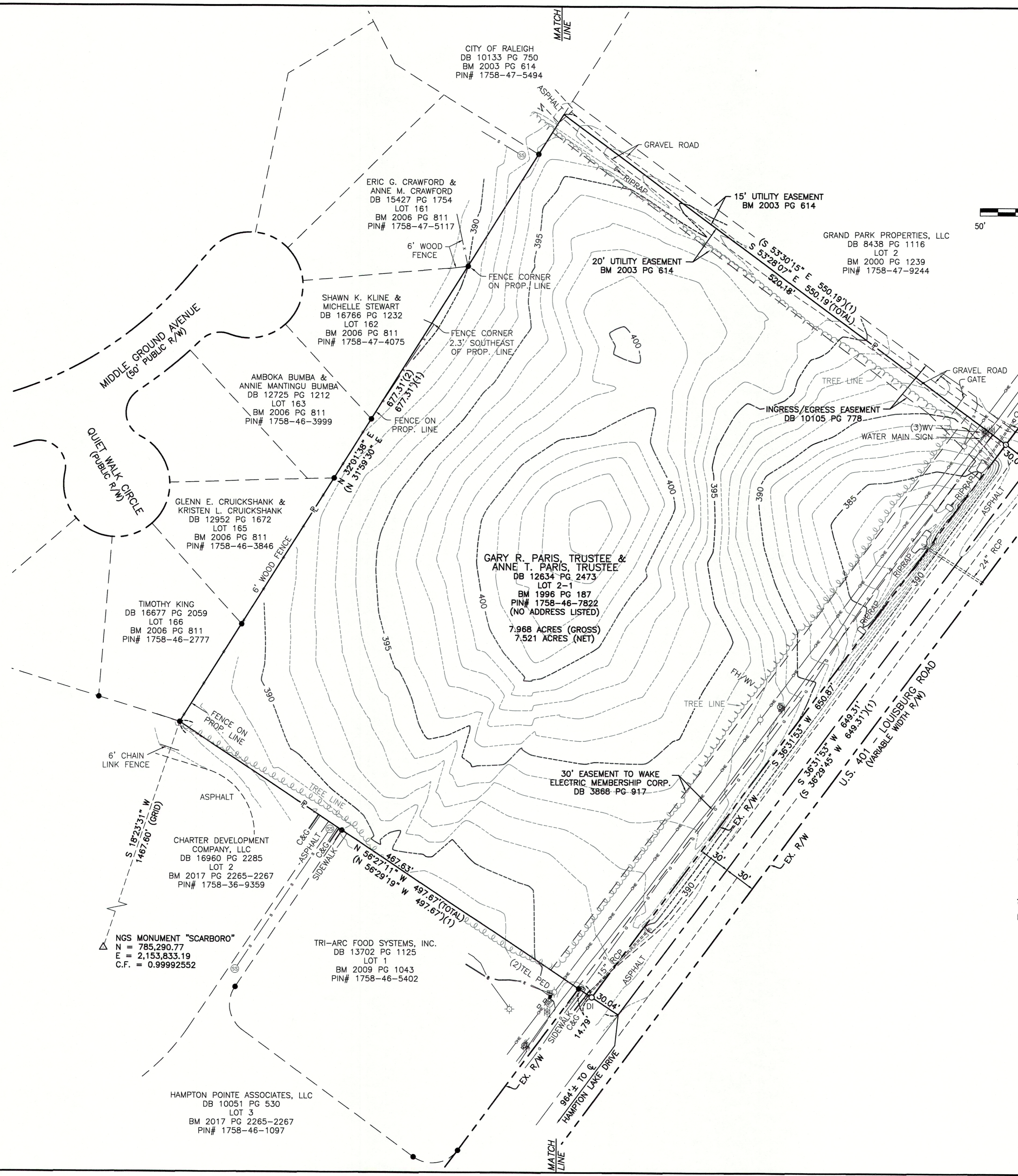
PER INVESTORS TITLE INSURANCE COMPANY, TITLE COMMITMENT NO. 202000244CA2, WITH AN EFFECTIVE DATE OF MARCH 6, 2020 AT 5:00 P.M.:

IN THE STATE OF NC, COUNTY OF WAKE,
BEING ALL OF LOT 2-1 OF THAT PLAT ENTITLED "PRELIMINARY SUBDIVISION PLAT AND RECOMBINATION SURVEY FOR TOMMY TWITY," A COPY OF WHICH IS RECORDED IN BOOK OF MAPS 1996, PAGE 187, WAKE COUNTY REGISTRY.

SCHEDULE B, PART II EXCEPTIONS:

PER INVESTORS TITLE INSURANCE COMPANY, TITLE COMMITMENT NO. 202000244CA2, WITH AN EFFECTIVE DATE OF MARCH 6, 2020 AT 5:00 P.M.:

1. (ITEM 3) EASEMENT(S) AND/OR RIGHT(S) OF WAY TO CITY OF RALEIGH RECORDED IN BOOK 10105 AT PAGE 778. [PLOTTED HEREON]
2. (ITEM 4) EASEMENT(S) AND/OR RIGHT(S) OF WAY TO WAKE ELECTRIC MEMBERSHIP CORPORATION RECORDED IN BOOK 3868 AT PAGE 917. [PLOTTED HEREON]
3. (ITEM 5) TITLE TO THAT PORTION OF THE LAND WITHIN THE RIGHT-OF-WAY OF U.S. HIGHWAY 401 (LOUISBURG ROAD). [PLOTTED HEREON]
4. (ITEM 6) MATTERS SHOWN ON RECORDED BOOK OF MAPS 1996 AT PAGE 187 SHOWS THE FOLLOWING LOCATED ON THE LAND:
 - (a) OVERHEAD LINE [PLOTTED HEREON]
 - (b) POWER POLE [PLOTTED HEREON]
 - (c) RIGHT OF WAY FOR U.S. HIGHWAY 401 (LOUISBURG ROAD) [PLOTTED HEREON]



VICINITY MAP
SCALE: 1"=2000'

LEGEND

- (1) = RECORD DATA PER BM 1996 PG 187
- (2) = RECORD DATA PER BM 2006 PG 811
- = FOUND IRON PIPE
- = SET IRON PIN
- △ = NGS MONUMENT
- ℞ = PROPERTY LINE
- R/W = RIGHT OF WAY
- CB = CATCH BASIN
- C&G = CURB AND GUTTER
- ℄ = CENTERLINE
- DI = DROP INLET
- FH = FIRE HYDRANT
- LP = LIGHT POLE
- PP = POWER POLE
- RCP = REINFORCED CONCRETE PIPE
- = SIGN
- = SANITARY SEWER MANHOLE
- = TELEPHONE PEDESTAL
- WM = WATER METER
- WV = WATER VALVE
- = ELECTRIC LINE
- = GAS LINE
- = OVERHEAD ELECTRIC LINE
- = SANITARY SEWER LINE
- = TELEPHONE LINE
- = WATER LINE

SURVEYOR'S CERTIFICATION:

TO WALLBROOK LANDCO, LLC, ITS SUCCESSORS AND/OR ASSIGNS AS THEIR INTERESTS MAY APPEAR, AND INVESTORS TITLE INSURANCE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6A, 7A, 7B1, 8, 9, 11, 13, 16 AND 17 OF TABLE "A" THEREOF. THE FIELDWORK WAS COMPLETED ON MARCH 19, 2020.

William T. Robbins, II
WILLIAM T. ROBBINS, II
P.L.S. #L-4192
DATE: 3/28/2020

JMT JOHNSON, MIRMIRAN & THOMPSON
Engineering A Brighter Future®
9201 Arboretum Parkway Suite 310 Richmond, Virginia 23236
PHONE: (804)-323-9900 FAX: (804)-323-0596
EMAIL: jmtva@jmt-engineering.com

REVISION #	DATE	REASON FOR REVISION

ALTA/NSPS LAND TITLE SURVEY
PREPARED FOR
WALLBROOK LANDCO, LLC
WAKE FOREST TOWNSHIP
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

DRAWN BY: JSZ	PROJECT#:
CHECKED BY: WTR	CONTRACT#:
DATE: 03/28/2020	SCALE: 1"=50'
JMT#: 20-00915-001	SHEET 1 OF 1





9350 LTC/RTR COMBO
+/-4725

1 SHELL PLAN
R0.00 1/4" = 1'-0"

7-ELEVEN STORE
ROSEVILLE, NC 27571

NOT FOR
CONSTRUCTION

07/20/2022
Architect Name - RYAN M. FAUST
Architect Number - a7189

THE SEAL & SIGNATURE APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED & WE EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT.

REVISIONS

NO.	DATE	DESCRIPTION

Drawing Size: 30 x 42	Project #:
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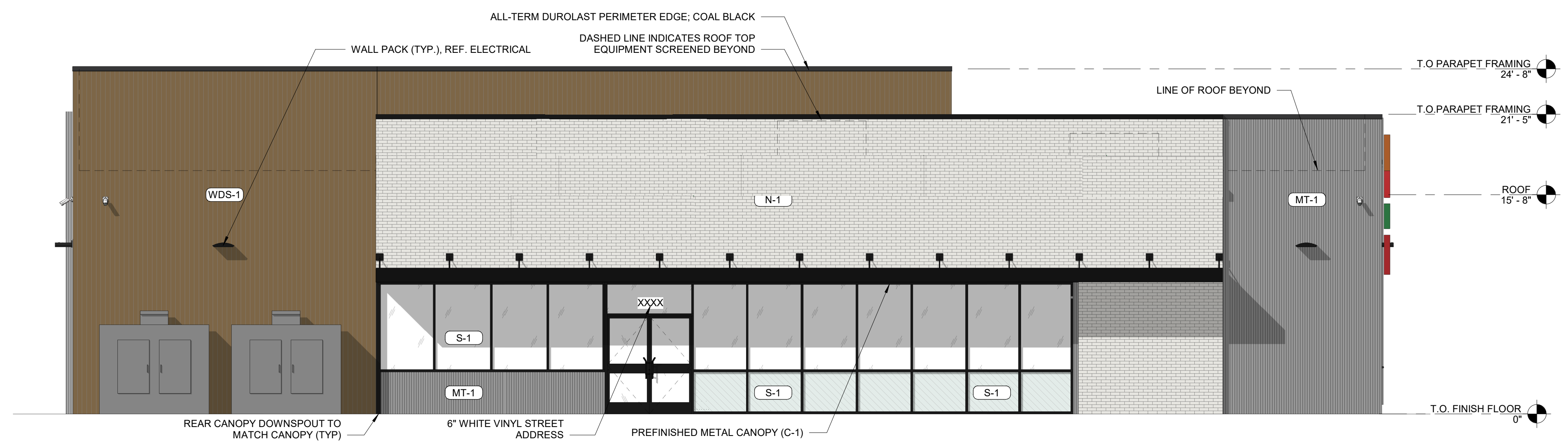
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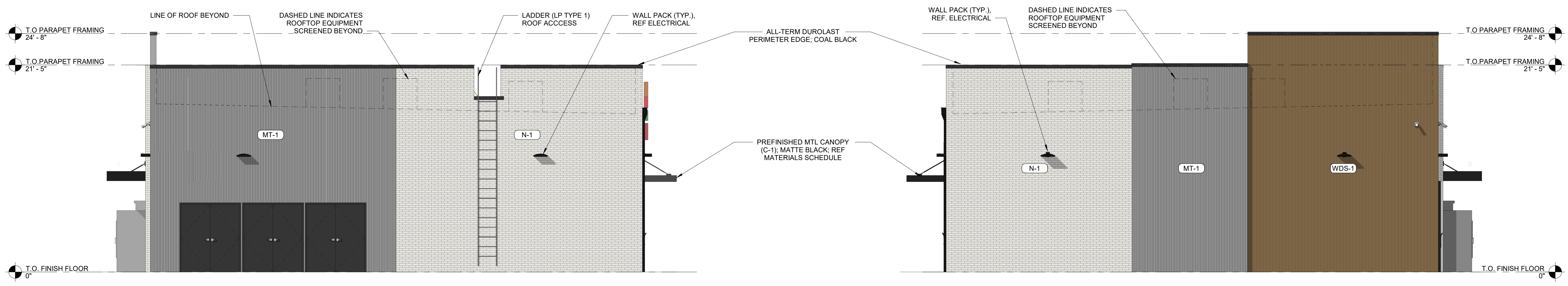
Sheet Number:
R0.00

Date: 07/20/2022 Store #: 42278

EXTERIOR MATERIALS SCHEDULE			
(NOT ALL MATERIALS IN SCHEDULE ARE USED)			
NO.	MATERIAL	MANUFACTURER	COLOR
MR-1	MEMBRANE ROOFING	DUROLAST	WHITE
N-1	FIBER CEMENT PANEL	NICHHA	VINTAGE BRICK PAINTED P-1
MT-1	CORRUGATED METAL WALL PANELS	PAC-CLAD OR EQ.	22 GAGE 7/8" CORRUGATED METAL WALL PANELS, COLOR: SILVER
P-2	HOLLOW METAL DOORS AND FRAMES	SHERWIN WILLIAMS	MISTY SW 6232
CP-1	EDGE METAL PARAPET CAP	DUROLAST - ALL TERM EDGE	COAL BLACK
P-3	EXTERIOR HM DOORS, FRAMES, TRASH ENCLOSURE GATE, GRAVEL GUARDS, AND LIGHT POLES	SHERWIN WILLIAMS	TRICORN BLACK SW 6258
P-6	EXTERIOR BOLLARDS	SHERWIN WILLIAMS	TRICORN BLACK SW 6258
S-1	ALUMINUM STOREFRONT GLAZING	KAWNEER	451T VG - #29 BLACK FINISH
C-1	PREFINISHED ALUMINUM CANOPY	MAPES LUMISHADE CANOPY	MATTE BLACK BAKED ENAMEL W/ REAR GUTTER CONNECTIONS
WDS-1	WOOD LOOK SIDING	NICHHA	VINTAGE WOOD - CEDAR (AWP3030-VERTICAL INSTALLATION)

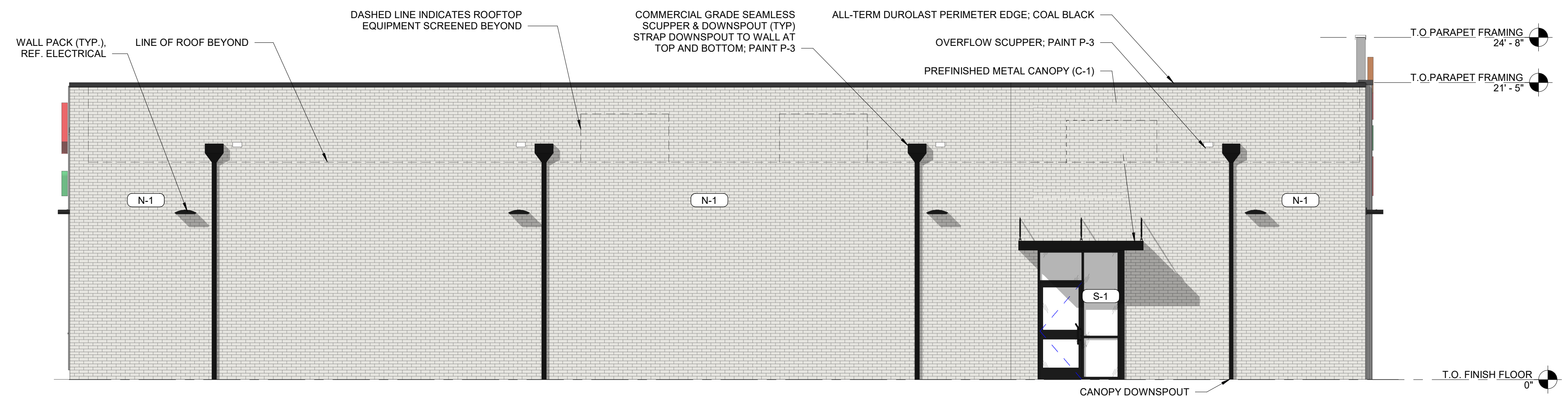


1 ELEVATION - FACING EAST
3/16" = 1'-0"



2 ELEVATION - FACING NORTH
3/16" = 1'-0"

3 ELEVATION - FACING SOUTH
3/16" = 1'-0"



4 ELEVATION - FACING WEST
3/16" = 1'-0"

7-ELEVEN STORE
ROSEVILLE, NC 27571

NOT FOR
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Architect Name: RYAN M. FAUST
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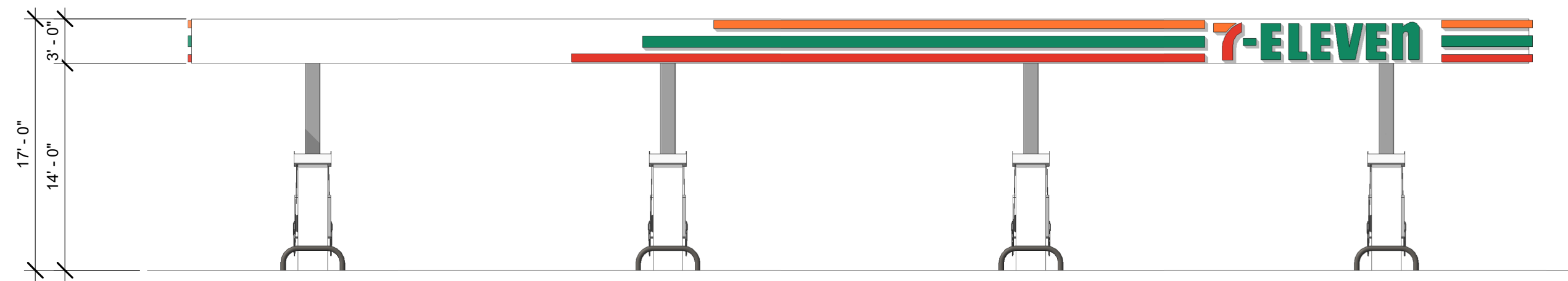
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NO.	DESCRIPTION

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Checked By: RMF

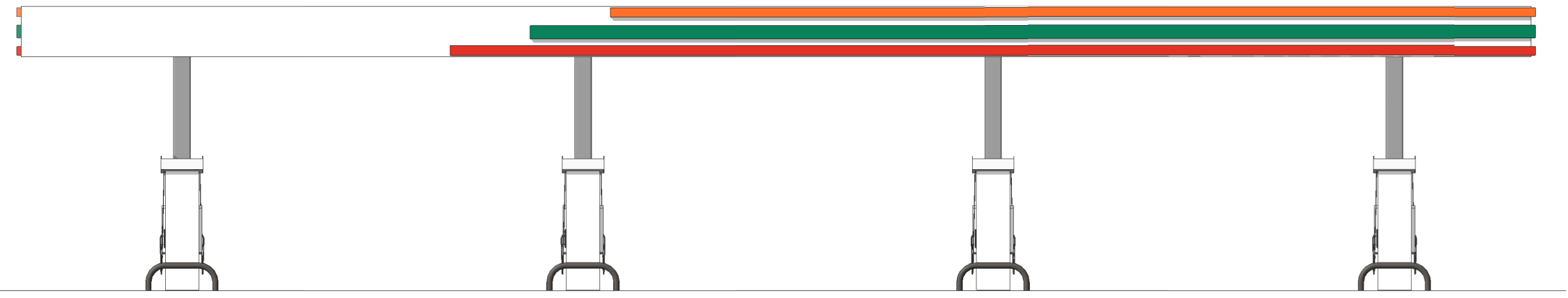
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REVIEW BOARD ELEVATIONS

Sheet Number:
R1.00

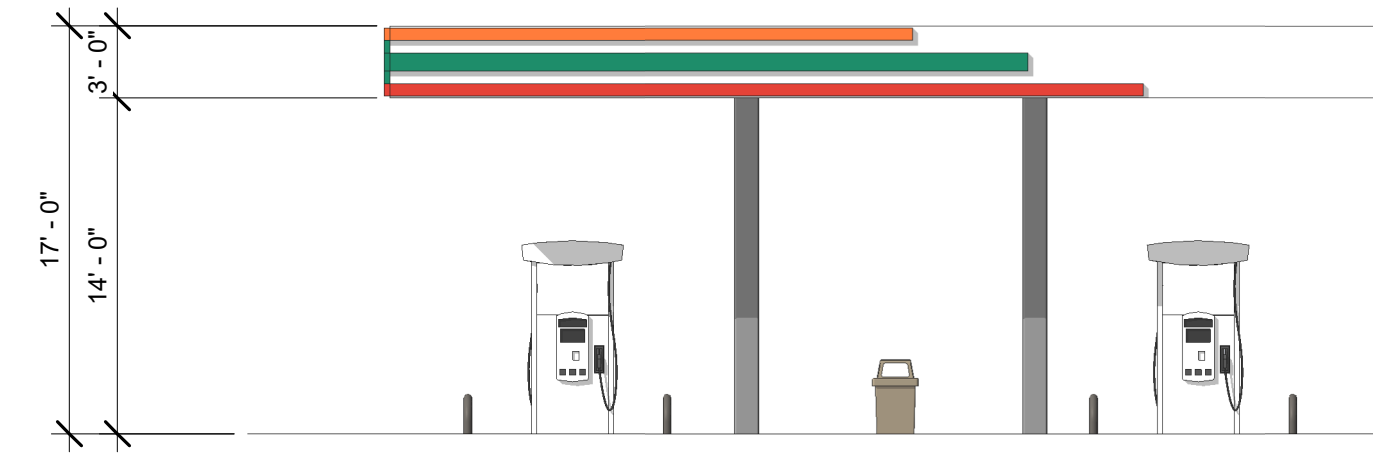
Date: 07/20/2022 Store #: 42278



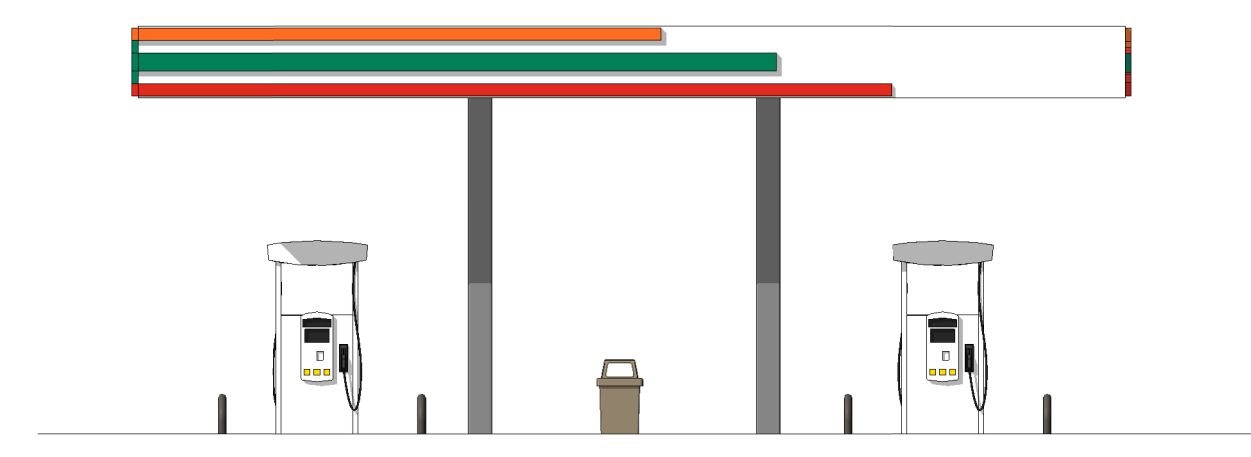
1 FUEL CANOPY - FACING NORTH
 1/8" = 1'-0"



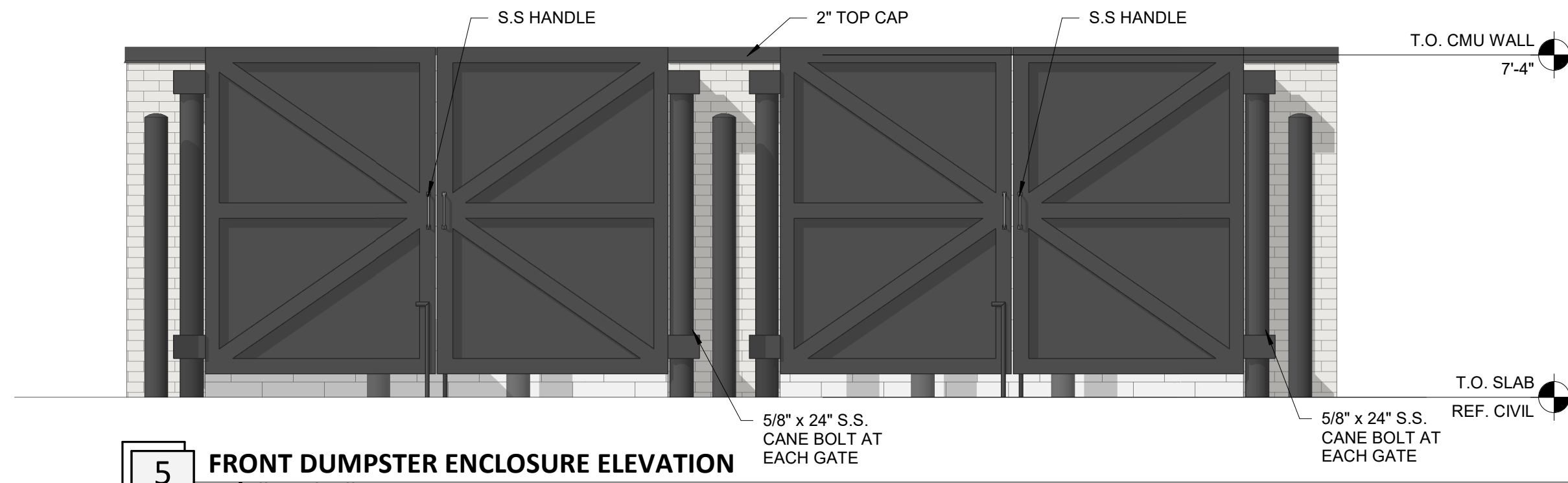
2 FUEL CANOPY - FACING SOUTH
 1/8" = 1'-0"



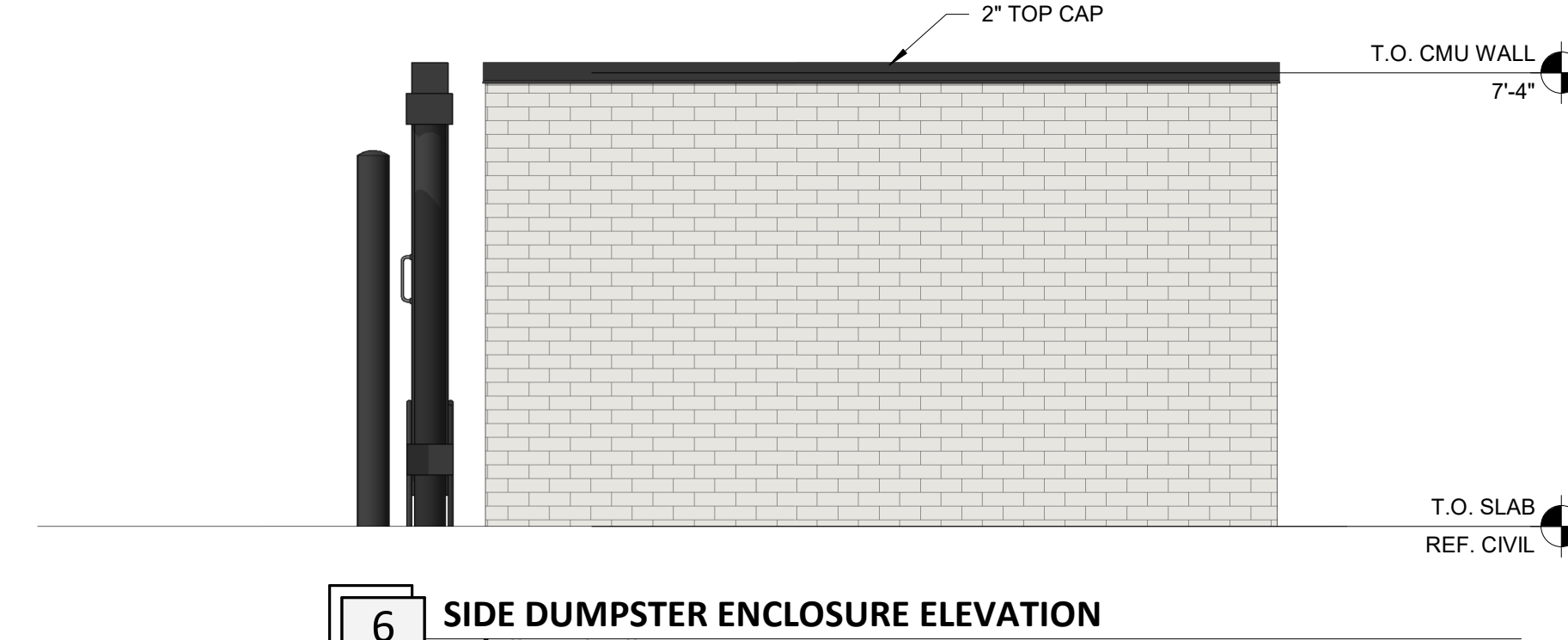
3 FUEL CANOPY - FACING EAST
 1/8" = 1'-0"



4 FUEL CANOPY - FACING WEST
 1/8" = 1'-0"



5 FRONT DUMPSTER ENCLOSURE ELEVATION
 3/8" = 1'-0"



6 SIDE DUMPSTER ENCLOSURE ELEVATION
 3/8" = 1'-0"

EXTERIOR MATERIALS SCHEDULE			
(NOT ALL MATERIALS IN SCHEDULE ARE USED)			
NO.	MATERIAL	MANUFACTURER	COLOR
MR-1	MEMBRANE ROOFING	DUROLAST	WHITE
N-1	FIBER CEMENT PANEL	NICHIHA	VINTAGE BRICK PAINTED P-1
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C-1	PREFINISHED ALUMINUM CANOPY	MAFES LUMISHADE	MATTE BLACK BAKED ENAMEL W/ REAR GUTTER CONNECTIONS
WDS-1	WOOD LOOK SIDING	NICHIHA	VINTAGE WOOD - CEDAR (AWP3030-VERTICAL INSTALLATION)



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REVISIONS	
NO.	DATE

Drawing Size: 30 x 42	Project #:
Drawn By: PJC	Checked By: RMF

Title:
 REVIEW BOARD ELEVATIONS

Sheet Number:
R1.01