

VICINITY MAP NOT TO SCALE

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COOK OUT, INC. 15 LAURA LANE THOMASVILLE, NORTH CAROLINA 27360 PHONE: (336) 215-7025 FAX: (336) 474-1849

SITE ADDRESS: 4195 MARKET STREET NEW HANOVER COUNTY WILMINGTON, NORTH CAROLINA SEA JOB NUMBER: E-6813

JUNE 2023





Engineering - Consulting - Surveying

PO Box 968 Asheboro, NC 27203 Phone: 336-328-0902 Fax: 336-328-0922 www.summeyengineering.com

CON	TACT INFORMATION
WATER:	CAPE FEAR PUBLIC UTILITY AUTHORITY 235 GOVERNMENT CENTER DRIVE WILMINGTON, NORTH CAROLINA 28403 PHONE: (910)-332-6550
STORM DRAINAGE:	WILMINGTON STORM WATER SERVICES 209 COLEMAN DRIVE WILMINGTON, NORTH CAROLINA 28412 PHONE: (910)-343-4777
SANITARY SEWER:	CAPE FEAR PUBLIC UTILITY AUTHORITY 235 GOVERNMENT CENTER DRIVE WILMINGTON, NORTH CAROLINA 28403 PHONE: (910)-332-6550
ELECTRIC	DUKE ENERGY 1451 MILITARY CUTOFF RD. WILMINGTON, NORTH CAROLINA 28403 PHONE: (800) 452-2777
PLANNING/ZONING:	ZONING DEPARTMENT 102 NORTH THIRD STREET WILMINGTON, NORTH CAROLINA 28402 PHONE: (910)-342-2782

SITE IN	FORMATION
SITE ADDRESS:	4195 MARKET STREET
OWNER/DEVELOPER:	COOK OUT, INC. 15 LAURA LANE THOMASVILLE, NORTH CAROLINA 27360
DESIGNER:	SUMMEY ENGINEERING ASSOCIATES, PLLC ENGINEERING—LAND PLANNING—CONSULTING P.O. BOX 968 ASHEBORO, NORTH CAROLINA 27203 PHONE: (336) 328—0902 FAX: (336) 328—0922
ZONING:	O&I-1
EXISTING USE:	BANK
PROPOSED USE:	RESTAURANT WITH DRIVE-THRU
BUILDING SETBACKS: STREET/FRONT SETBACK SIDE SETBACK REAR SETBACK	20 FEET 20 FEET 20 FEET
PARKING REQUIREMENTS:	18 SPACES MINIMUM 22 SPACES MAXIMUM
PARKING PROVIDED:	17 REGULAR SPACES 1 HANDICAP SPACES 18 TOTAL SPACES
SITE AREA: DISTURBED AREA: EXISTING IMPERVIOUS AREA: PROPOSED IMPERVIOUS AREA:	48,351 S.F. OR 1.10 AC. 38,523 S.F. OR 0.88 AC. 35,673 S.F. OR 0.82 AC. 31,828 S.F. OR 0.73 AC.
BUILDING AREA:	1,923 S.F.
MAXIMUM BUILDING HEIGHT:	NO HEIGHT LIMIT
WATER:	CAPE FEAR PUBLIC UTILITY AUTHORITY
SEWER:	CAPE FEAR PUBLIC UTILITY AUTHORITY

GENERAL SITE NOTES:

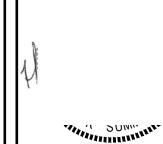
- 1. THE INFORMATION SHOWN HEREIN WAS TAKEN FROM BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY: COMMERCIAL SITE DESIGN 8312 CREEDMOOR ROAD, RALEIGH NORTH CAROLINA 27613 PHONE: (919) 848-6121.
- 2. THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE CIVIL SITE DEVELOPMENT PLANS ARE BASED ON THE AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 3. ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODES.
- 4. ANY DISCREPANCY IN THIS PLAN, ARCHITECTURAL CIVIL SITE DEVELOPMENT PLANS, AND/OR ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREIN BEFORE BEGINNING CONSTRUCTION.
- 5. THE CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES, AND R.O.W.'S. PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
- 6. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ET, SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH RESPECTIVE UTILITY.
- 7. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL DUE TO CONSTRUCTION OPERATIONS. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURBS AND GUTTERS, ROADSIDE DRAINAGE DITCHES, AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MATTER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS
- 9. ALL PERMITS RELATIVE TO PROJECT MUST BE OBTAINED PRIOR TO CONSTRUCTION. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE TO STATE, COUNTY, AND LOCAL CODES.
- 10. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES IS NOT NECESSARILY SHOWN ON CIVIL SITE DEVELOPMENT PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR ON HIS INITIATIVE AND AT NO EXTRA COST SHALL HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF ITEMS SUCH AS PIPE OR OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DUE TO UNDERGROUND STRUCTURES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL NONSUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CALL 811 FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
- 11. SEEDING TO BE INSTALLED TO NCDEQ REQUIREMENT & STANDARD PRACTICES.
- 12. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL CIVIL SITE DEVELOPMENT PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY.
- 13. VISIT SITE AND BRING TO THE ENGINEER'S ATTENTION IN WRITING ANY PROBLEMS OR DISCREPANCIES WITH THE SITE OR PROJECT PRIOR TO CONSTRUCTION.
- 14. CHECK ALL "VERIFY" DIMENSIONS NOTED ON CIVIL SITE DEVELOPMENT PLANS . REPORT ANY DISCREPANCIES TO THE ENGINEER IN WRITING PRIOR TO ANY FURTHER CONSTRUCTION.
- 15. USE THE ARCHITECT'S DRAWINGS FOR BUILDING DIMENSIONS.

CONTRACTOR NOTES:

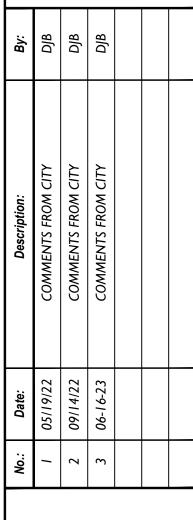
- 1. ALL DIMENSIONS AND RADII ARE OUTSIDE FACE OF BUILDING OR TO FACE OF CURB, OR TO THE CENTER OF STRUCTURES SUCH AS INLETS, SIGN POSTS, ETC., UNLESS OTHERWISE NOTED.
- 2. CONTACT ENGINEER FOR OBSERVATION OF CONSTRUCTION RELATED TO REQUIRED FEDERAL, STATE, OR LOCAL CERTIFICATIONS INCLUDING BUT NOT LIMITED TO PROOF ROLL AND ASPHALT PLACEMENT. PROVIDE 24 HOUR NOTICE TO ENGINEER FOR REQUIRED CONSTRUCTION OBSERVATION RELATED TO CERTIFICATION OF ROADWAY, WATER SYSTEM, PAVEMENT, ETC.
- 3. KEEP ALL PLANTING AND GRASS AREAS FREE OF DEBRIS, STONES, CONSTRUCTION MATERIALS, ETC., RESPONSIBLE FOR NOT DAMAGING EXISTING PLANTING TO REMAIN.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND UTILITIES WHETHER SHOWN ON THE SITE PLAN OR NOT. THOSE SHOWN ARE BASED ON THE SURVEY PROVIDED AND MAY NOT BE ALL INCLUSIVE. CONTACT UTILITY LOCATION SERVICE OR OTHER APPROPRIATE UTILITY LOCATION SERVICE FOR UTILITY IDENTIFICATION PRIOR TO ANY WORK. CONTRACTOR TO PROTECT ALL UTILITIES TO REMAIN - TYPICAL. CONTACT ALL UTILITY COMPANIES TO INSURE THE UTILITIES ARE SHUT DOWN PRIOR TO THE START OF ANY DEMOLITION AND / OR SITE WORK.
- 5. PATCH / REPAIR STREETS, STRUCTURES, ETC. AS NECESSARY AFTER CONNECTION OF PROPOSED UTILITIES.
- 6. SEE PLAN SET FOR PROPOSED GRADES AND EROSION CONTROL.
- 7. CIVIL/SITE CONTRACTOR SHALL FIELD VERIFY VERTICAL AND HORIZONTAL LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. CIVIL/SITE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE LOCAL MUNICIPALITY AND ARCHITECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY. CONTRACTOR SHALL CALL 811 5 WORKING DAYS HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
- 8. CONTRACTOR SHALL NOTIFY THE LOCAL MUNICIPALITY PUBLIC WORKS PRIOR TO ANY CONSTRUCTION ON STREET RIGHTS-OF-WAY
- 9. ANY CONSTRUCTION WITHIN THE LOCAL MUNICIPALITY RIGHTS-OF WAY ARE TO BE IN ACCORDANCE WITH THE LOCAL MUNICIPALITY STANDARDS AND SPECIFICATIONS REGARDING MATERIALS, INSTALLATION, AND TESTING, UNLESS OTHERWISE IN THE CONTRACT DOCUMENTS. ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL BE
- 10. PROTECTED WITH SIGNAGE AND TRAFFIC SAFETY DEVICES IN ACCORDANCE WITH THE NORTH CAROLINA STANDARDS AND GUIDELINES ALSO THE CONTRACTOR SHALL HAVE "UTILITY WORK AHEAD" SIGNS LOCATED AT ALL LOCATIONS WHEN ENTERING THE RIGHTS-OF-WAY.

UTILITY NOTES: (IF APPLICABLE)

- 1. UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM THE BEST AVAILABLE SOURCE AND MAY OR MAY NOT BE EITHER ACCURATE OR COMPLETE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATIONS OF EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES, EITHER PUBLIC OR PRIVATE, SHOWN HEREON OR NOT SHOWN HEREON. ANY REPAIRS SHALL BE DONE TO THE SATISFACTION OF THE APPROPRIATE UTILITY COMPANY.
- 2. THE GENERAL CONTRACTOR SHALL CONFIRM ALL NEW UTILITY TAP LOCATIONS WITH THE UTILITY OWNERS. ALL FEES SHALL BE THE RESPONSIBILITY OF CONTRACTOR OR GENERAL CONTRACTOR.
- 3. SEE ELECTRICAL ENGINEERING SITE PLAN FOR LOCATION OF ALL SITE LIGHTING AND REQUIREMENTS
- 4. ALL NEW LOT LIGHTS AND THE MAIN IDENTIFICATION SIGN SHALL HAVE A MINIMUM 10 FEET CLEARANCE FROM ALL OVERHEAD UTILITIES.
- 5. GENERAL CONTRACTOR IS RESPONSIBLE FOR PERMITS AND/OR APPROVALS NECESSARY FOR ANY WORK IN ROADWAY OR RIGHT-OF-WAY.
- 6. MINIMUM COVER FOR CONDUITS SHALL BE 36" UNLESS OTHERWISE SHOWN OR NOTED IN THESE CIVIL SITE DEVELOPMENT PLANS
- 7. ALL MANHOLES, VALVES, AND MONUMENT FRAMES SHALL BE SET TO FINISH GRADE AFTER PAVING.
- 8. THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS. TRENCHES SHALL BE SHORED IN ACCORDANCE WITH OSHA.
- 9. THE MINIMUM SLOPE FOR SANITARY SEWER LINES SHALL BE AS FOLLOWS: 1) 1/4"/FT FOR 4" LINES AND 2) 1/8"/FT FOR 6" LINES. 6" CLEANOUTS SHALL BE PLACED AT 75' INTERVALS. 4" CLEANOUTS SHALL BE PLACED AT 50' INTERVALS
- 10. ALL SEWER LINES SHALL HAVE A FINAL COVER DEPTH 4'-0 IN NON-TRAFFIC AREAS AND 5'-0 MINIMUM IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE CIVIL SITE DEVELOPMENT PLANS
- 11. CABLE TV SERVICE ROUTING IS NOT PART OF THIS PLAN, CONTRACTOR TO COORDINATE WITH CABLE COMPANY.
- 12. EXISTING MANHOLES SHOULD BE FIELD VERIFIED FOR RIMS AND INVERTS.
- 13. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC. THAT MAY BE REQUIRED.
- 14. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THIS CONSTRUCTION MEANS/METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE CIVIL SITE DEVELOPMENT PLANS
- 15. OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING 5 FEET IN DEPTH.
- 16. EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- 17. CONTRACTOR SHALL MAINTAIN AN "AS BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
- 18. WATER PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS PRIOR TO BEGINNING WATER PIPE INSTALLATION.
- 19. WASTE PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS AND INVERTS PRIOR TO BEGINNING ANY WASTE PIPE INSTALLATION.
- 20. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL MUNICIPALITY PUBLIC WORKS AND CROSS CONNECTION CONTROL, REGULATIONS AND STANDARDS.
- 21. SITE UTILITY CONTRACTOR TO PROVIDE WATER AND SANITARY SEWER TO WITHIN 5 FEET OF THE BUILDING, CONTRACTOR SHALL COORDINATE SITE PLAN CONNECTIONS WITH THE ARCHITECTURAL BUILDING CIVIL SITE DEVELOPMENT PLANS
- 22. SANITARY CLEANOUTS SHALL BE PLACED NO MORE THAN 75 FEET APART. CLEAN OUTS LOCATED IN PAVEMENT AREAS SHALL HAVE A HEAVY DUTY TRAFFIC RATED CONSTRUCTION.
- 23. CONNECTION OF SANITARY SEWER SERVICE TO AN EXISTING MANHOLE SHALL COMPLY WITH THE LOCAL MUNICIPALITY PUBLIC WORKS STANDARDS, INCLUDING: CORE DRILL FOR OPENING INTO MANHOLE AND INSTALL WITH FLEXIBLE BOOT. IF PAVEMENT CUT IS REQUIRED, CONTRACTOR SHALL PATCH PAVEMENT WITH A SECTION TO MATCH EXISTING PAVEMENT
- 24. ALL WORK SHALL BE GOVERNED BY THE LATEST EDITIONS OF THE STATE MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, BUILDING CODE, ENERGY CONSERVATION, HANDICAPPED ACCESSIBILITY, NATIONAL ELECTRICAL CODES, AND NATIONAL FIRE PROTECTION ASSOCIATION CODES AS APPLICABLE AND AS ADOPTED BY THE AUTHORITIES HAVING JURISDICTION AND LATEST VERSION OF NC DOT POLICIES & PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS-OF-WAY.
- 25. LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE CIVIL SITE DEVELOPMENT PLANS ARE APPROXIMATE OR SCHEMATIC. THE LOCATIONS ARE BASED ON ACTUAL FIELD SURVEYS AND AVAILABLE RECORDS, CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND UNDERGROUND STRUCTURES AND VERIFY REQUIRE COVER AND CLEARANCES PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE ENGINEER.
- 26. CONTRACTOR SHALL CALL 811 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENTLY.
- 27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR RELOCATION OF ALL EXISTING UTILITIES IN COORDINATION WITH THE APPROPRIATE UTILITY, AGENCY, OR COMPANY.
- 28. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING.
- 29. ALL UTILITIES MUST BE LOCATED UNDERGROUND AND COORDINATED WITH THE LOCAL MUNICIPALITY OR LOCAL UTILITIY COMPANY.





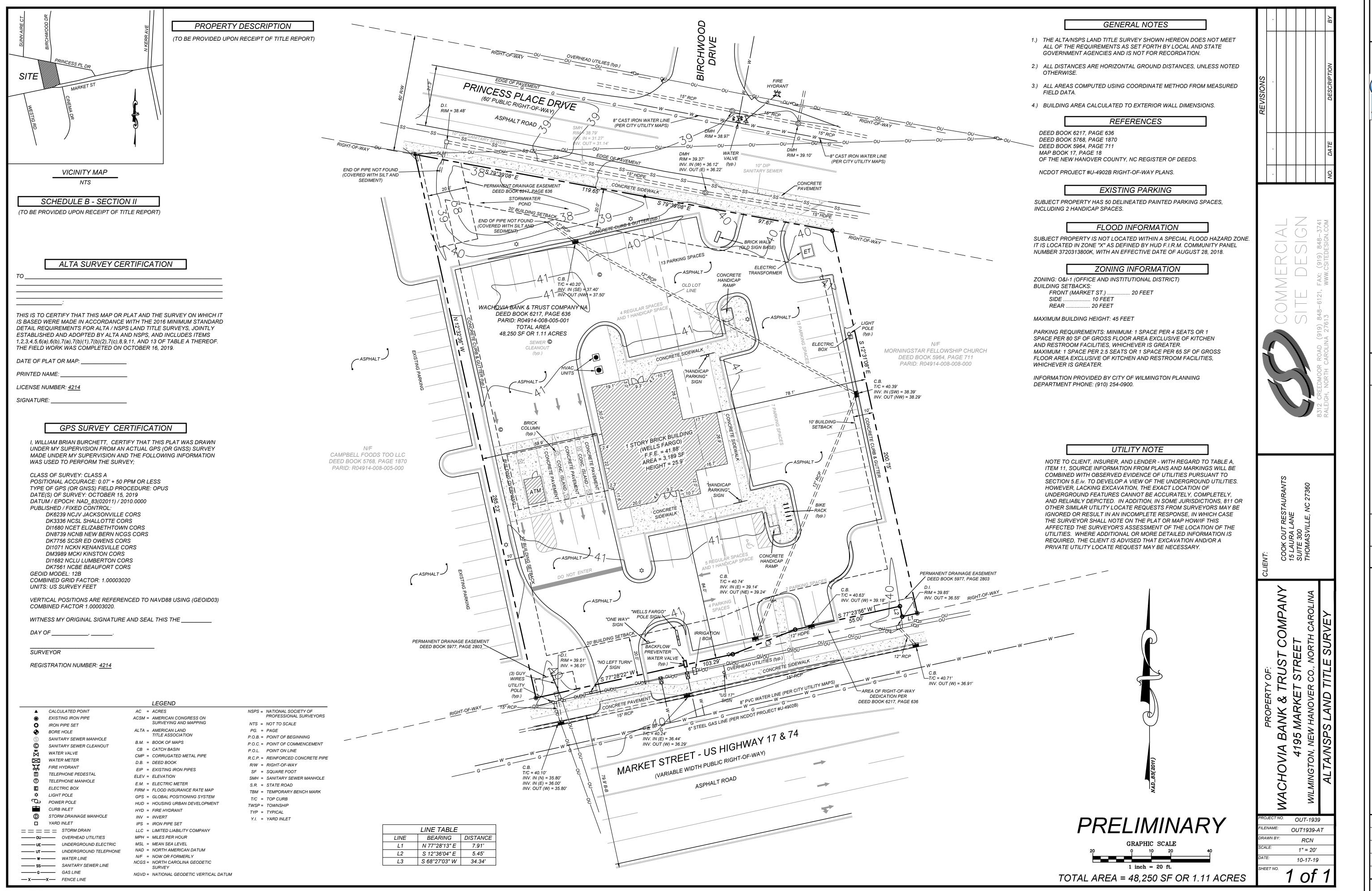


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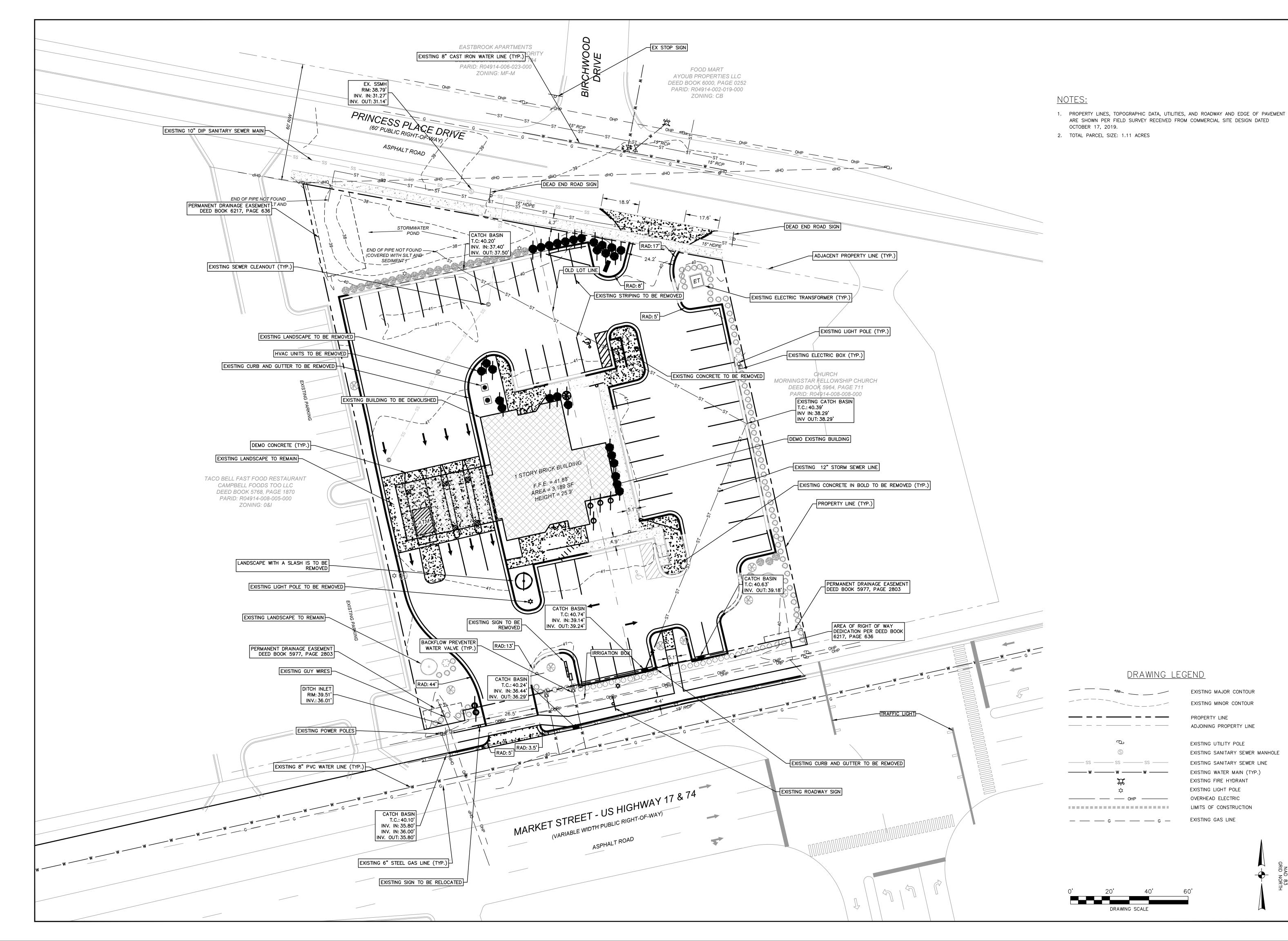


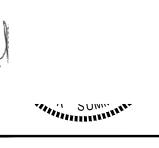
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AS NOTE JUNE 202

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lting - Surveying oro, NC 27204 336-328-0922

Engineering - Consulting - S PO Box 968, Asheboro, NC 2, Ph. 336-328-0902 Fx. 336-328-0 www.summeyengineering.com

 I
 05/19/22
 COMMENTS FROM CITY
 DJB

 2
 09/14/22
 COMMENTS FROM CITY
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 06-16-23
 COMMENTS FROM CITY
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EXISTING CONDITIONS AND DEMO
COOK OUT WILMINGTON

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Date: JUNE 2023

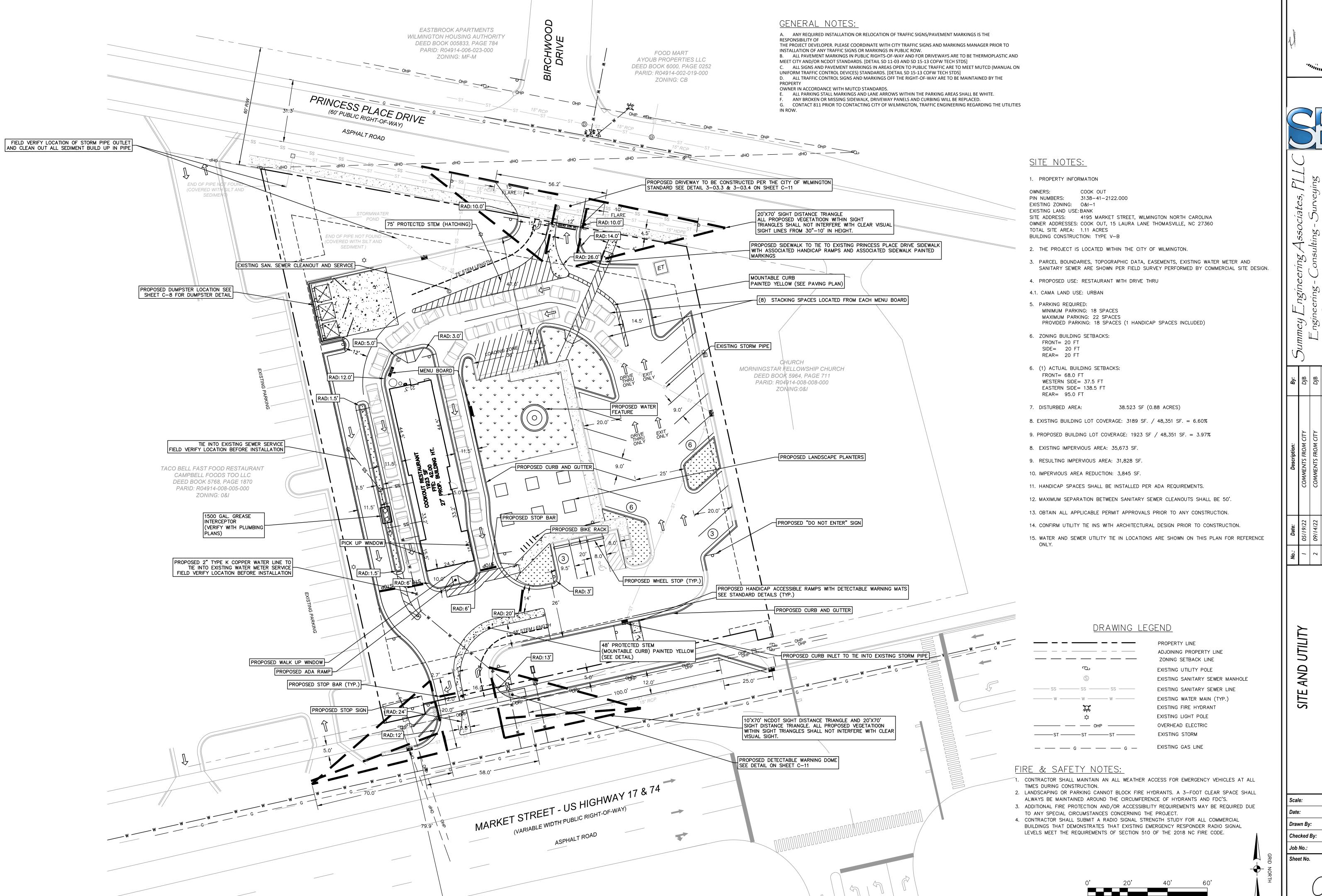
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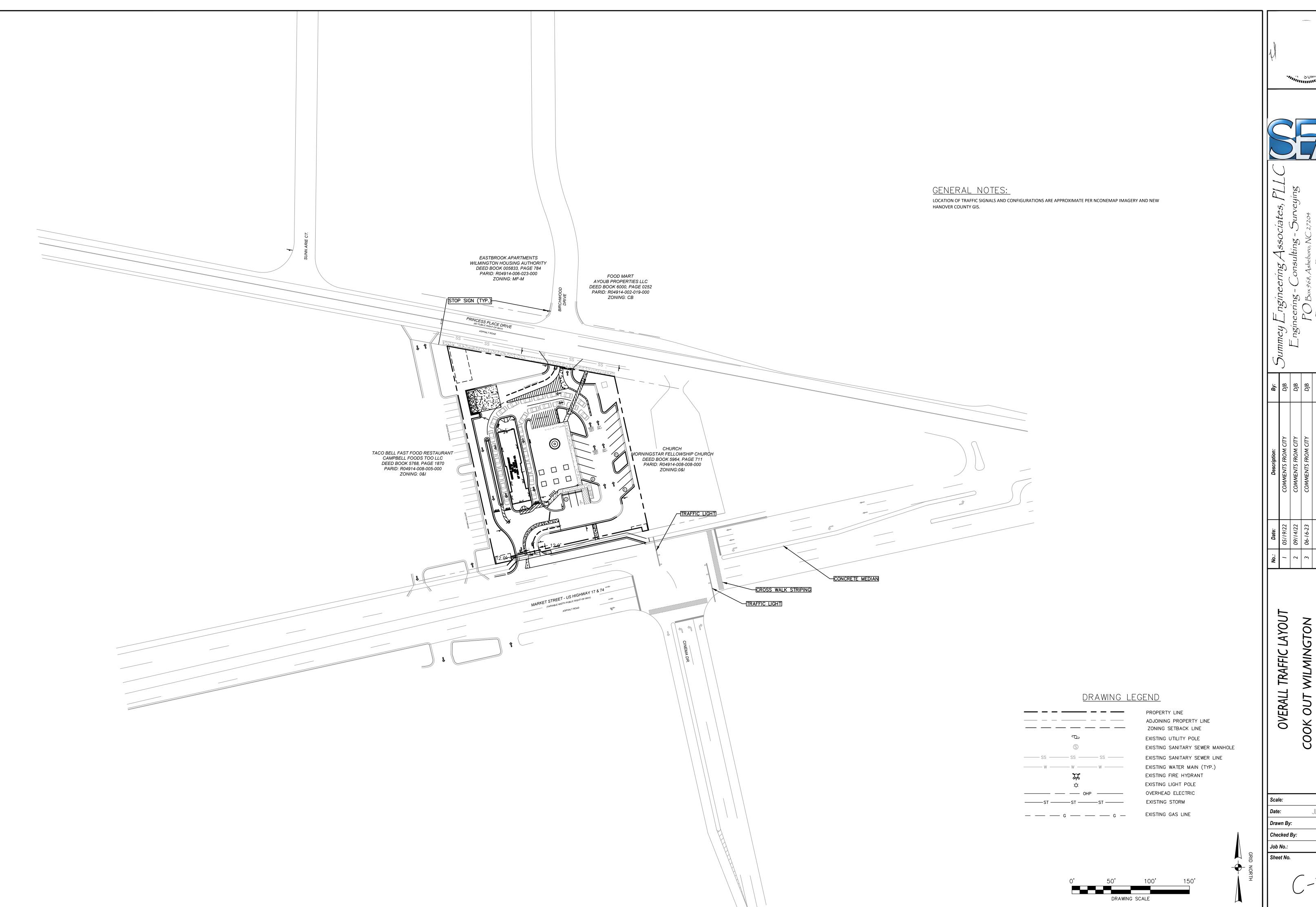


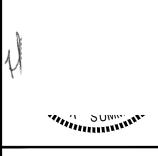
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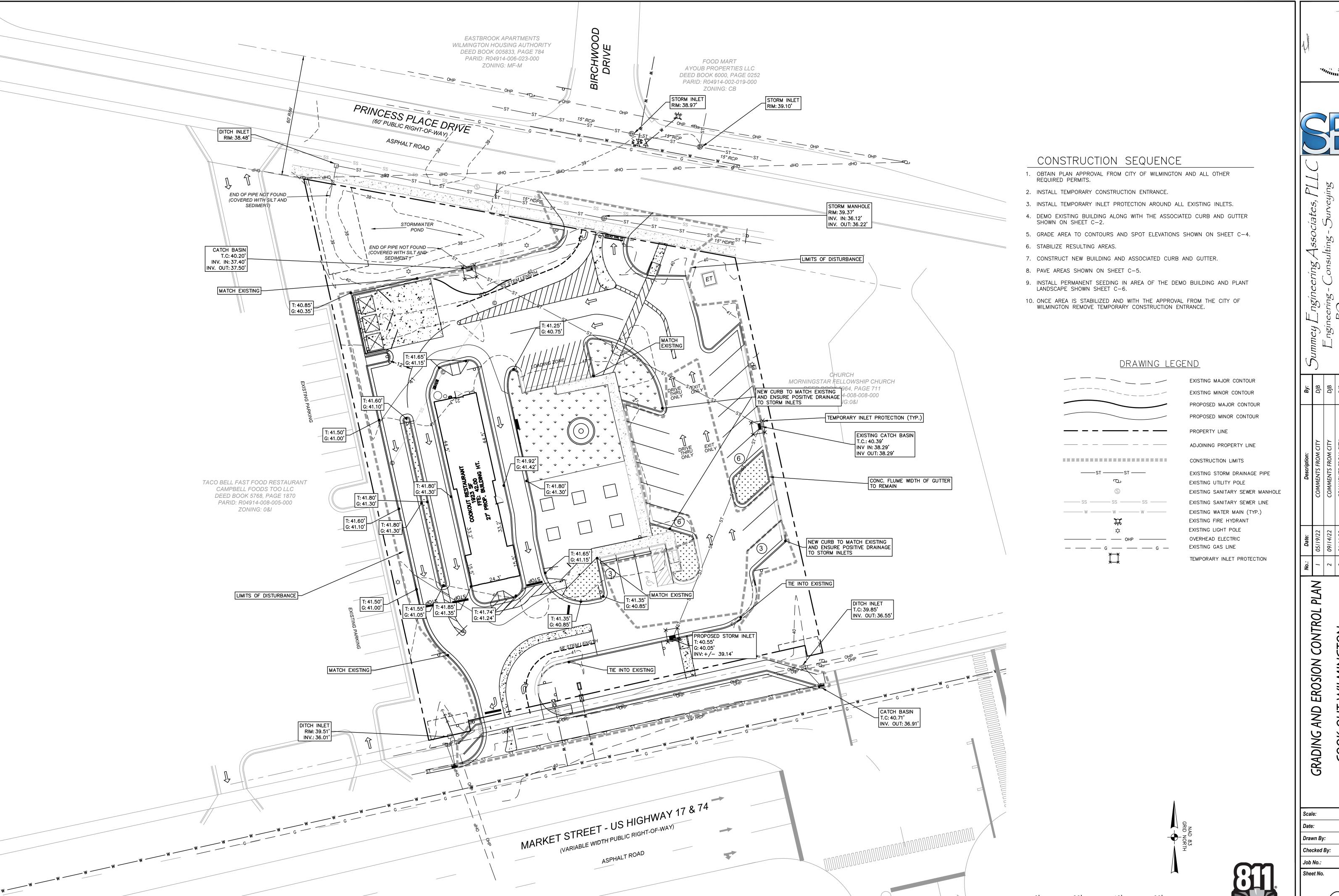






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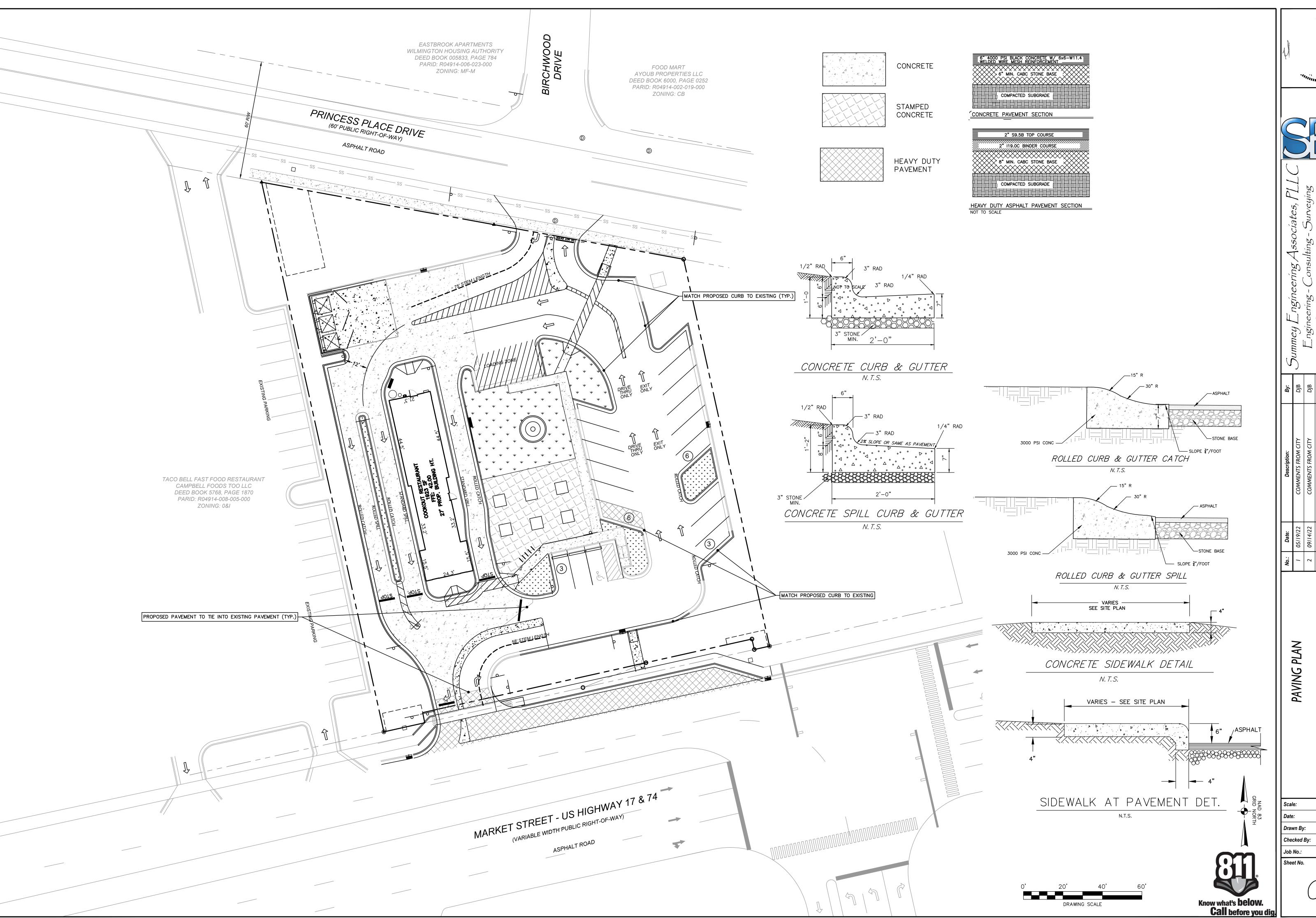
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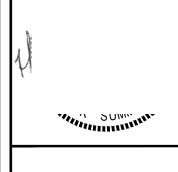
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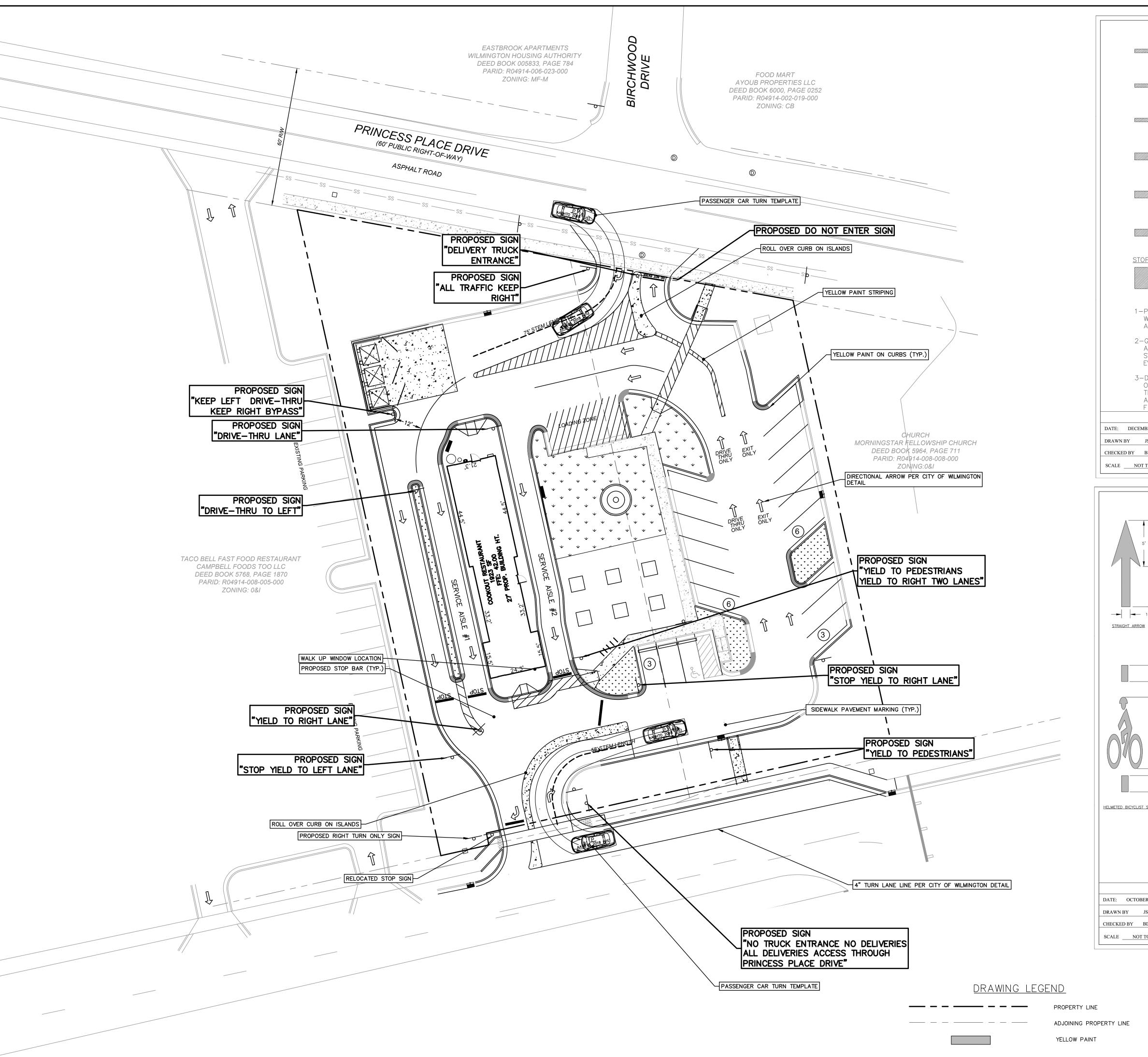
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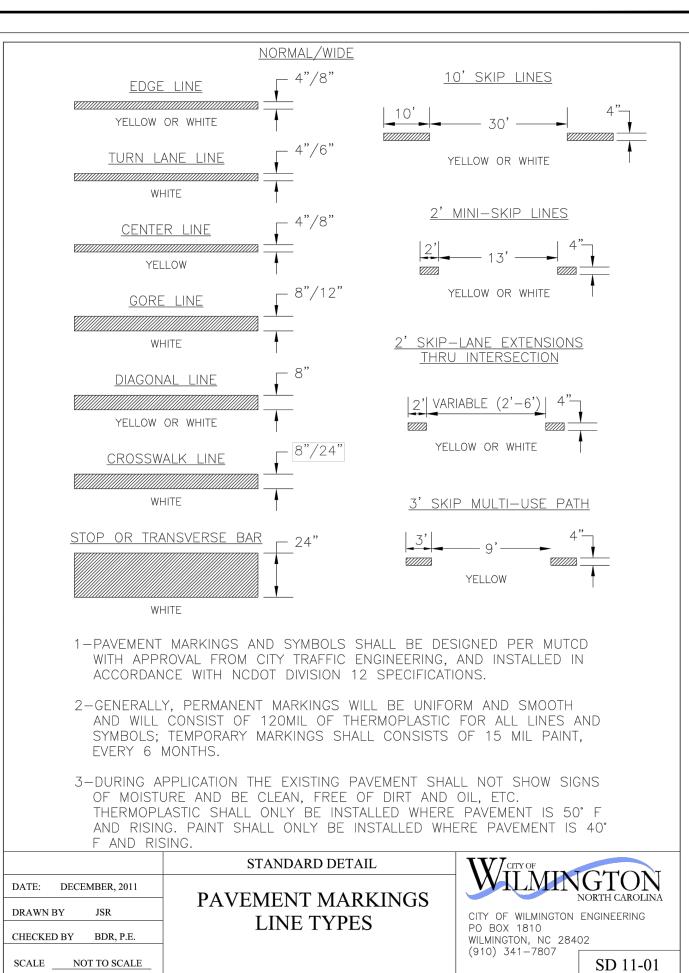


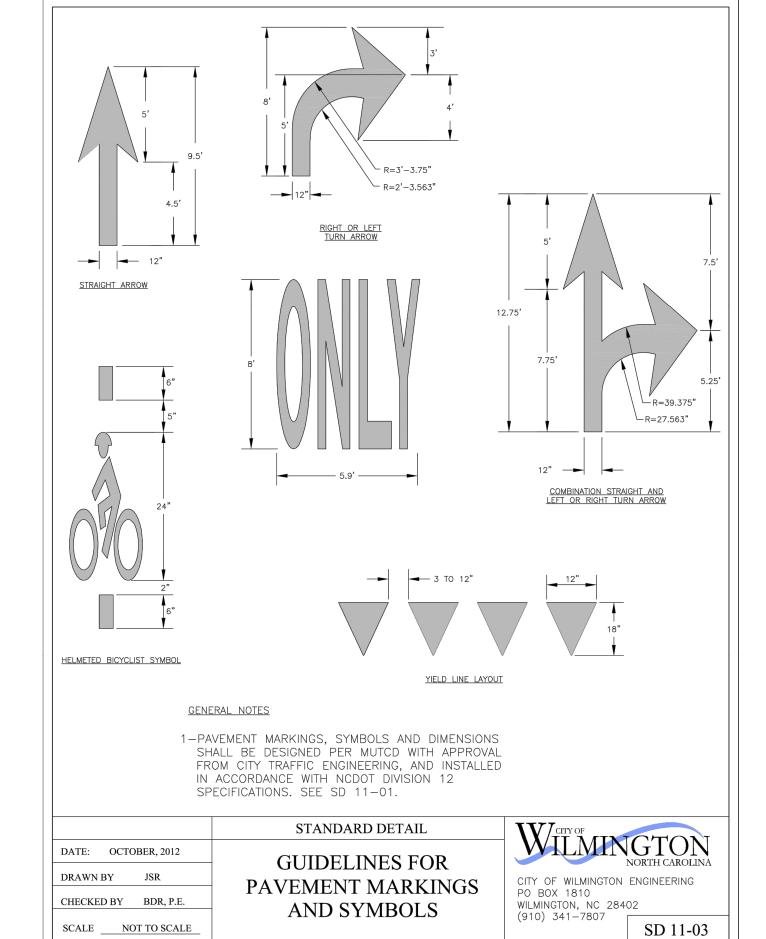


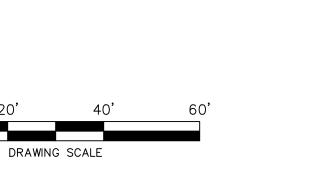


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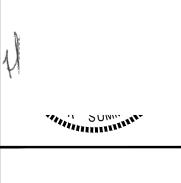












09/14/22 COMMENTS FROM CITY
06-16-23 COMMENTS FROM CITY

STRIPING & SIGNAGE PLAN
COOK OUT WILMINGTON

Scale: AS NOTED

Date: JUNE 2023

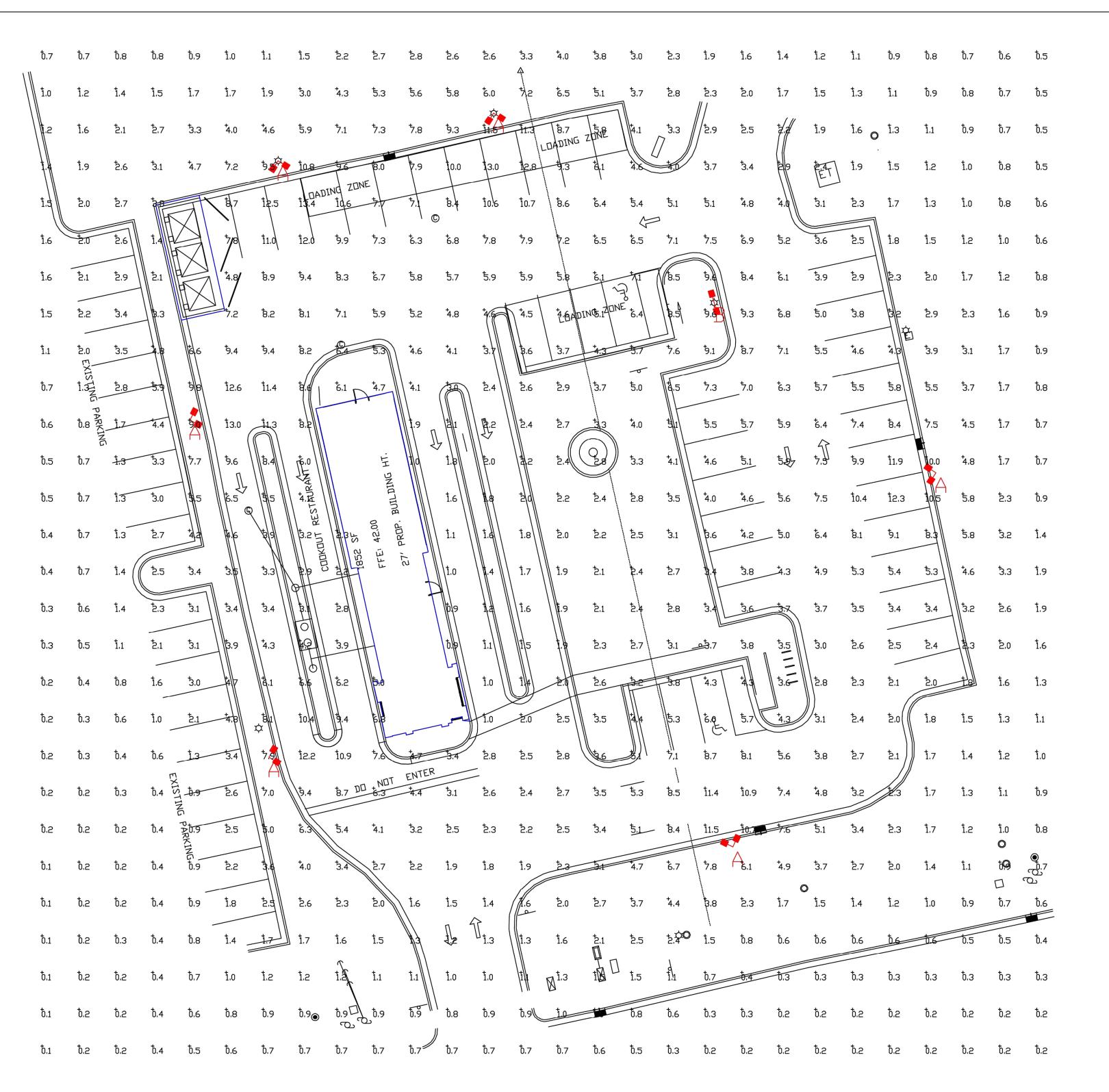
Drawn By: DJB

Checked By: HMSJ

Job No.: E-6813

Sheet No.







Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CALCULATION POINTS @ GRADE	Illuminance	Fc	3.39	13.4	0.1	33.90	134.00
PARKING & DRIVING SUMMARY	Illuminance	Fc	5,46	13.4	1.0	5,46	13.40

PHOTOMETRIC EVALUATION NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Luminaire Sche	dule								
Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts
\$	6	Α	2 @ 90 DEGREES	SMA-LED-38L-ACR-FT-50-D90-24' POLE+3' BASE-45 DEGREE TILT	1.000	1.000	1.000	68680	612
4 b	1	В	D180°	SMA-LED-38L-ACR-FT-50-D180-24' POLE+3' BASE-45 DEGREE TILT	1.000	1.000	1.000	68680	612

Total Project Watts
Total Watts = 4284



SCALE: 1"=16'

30000 ALLIANCE RB. CINCINNATI, DRIDI 45242 USA CSL20 793-2000 # FAX (SL20 793-6023

LIGHTING PROPOSAL LO-154736-1

COOK BUT VILMINGTON,NC

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MINGTON,NC

MKAHK) DATE:11/2/21 REV:11/8/21

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AS NOTE

JUNE 2023

E-6813

LIGHTING PLAN

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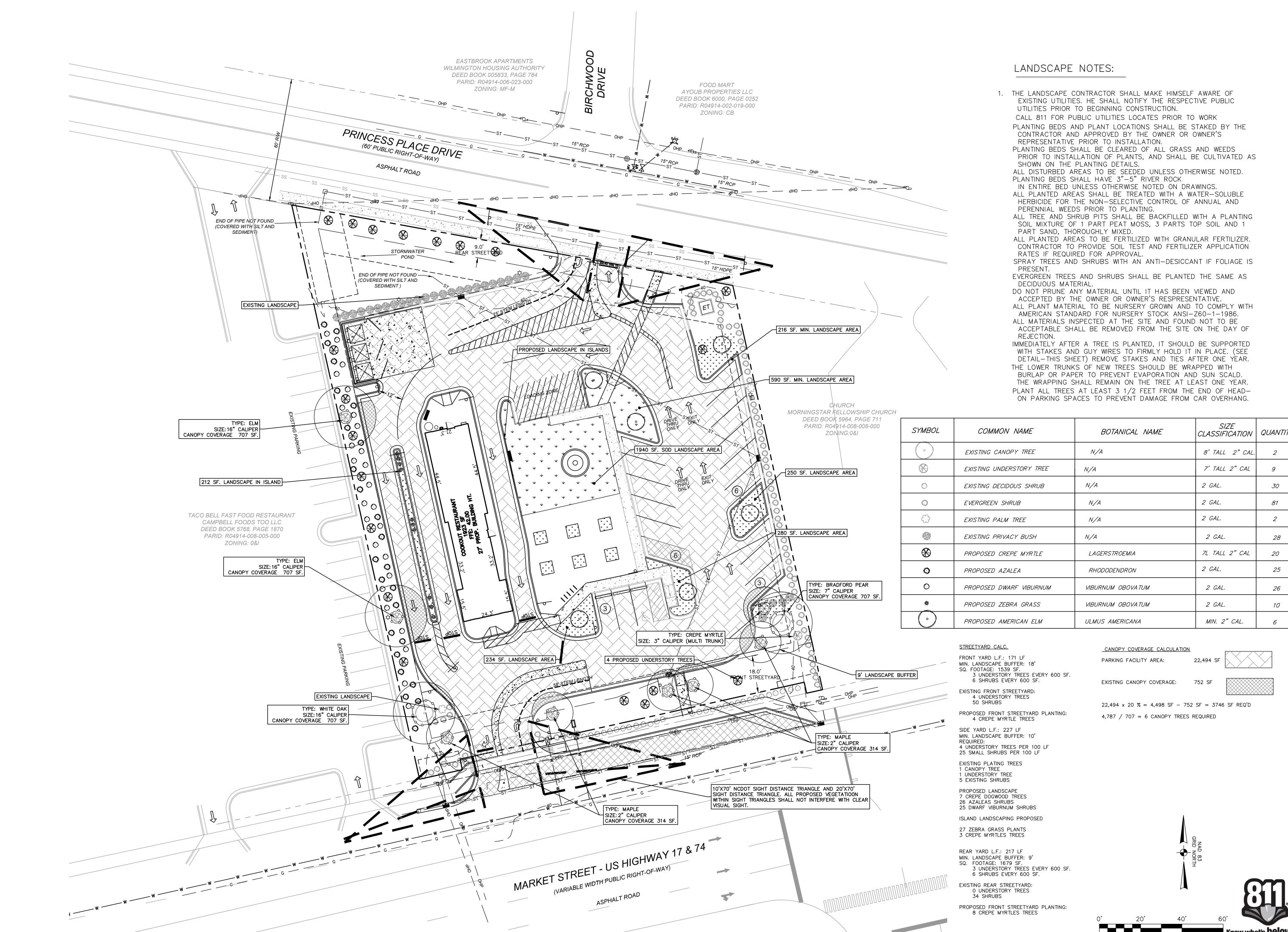
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OUT

COOK





SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE CLASSIFICATION	QUANTITY
	EXISTING CANOPY TREE	N/A	8' TALL 2" CAL.	2
⊗	EXISTING UNDERSTORY TREE	N/A	7' TALL 2" CAL	9
0	EXISTING DECIDOUS SHRUB	N/A	2 GAL.	30
	EVERGREEN SHRUB	N/A	2 GAL.	81
	EXISTING PALM TREE	N/A	2 GAL.	2
	EXISTING PRIVACY BUSH	N/A	2 GAL.	28
\otimes	PROPOSED CREPE MYRTLE	LAGERSTROEMIA	7L TALL 2" CAL	20
0	PROPOSED AZALEA	RHODODENDRON	2 GAL.	25
0	PROPOSED DWARF VIBURNUM	VIBURNUM OBOVATUM	2 GAL.	26
*	PROPOSED ZEBRA GRASS	VIBURNUM OBOVATUM	2 GAL.	10

DRAWING SCALE

AS NOTE JUNE 202 Drawn By: Checked By: Job No.: Sheet No.

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LANDSCAPE



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INLET PROTECTION MAINTENANCE:

METAL POSTS 1.5' INTO GROUND .

GALVANIZED HARDWARE

WIRE EXTENDS TO TOP

OF BOX (3/8" MESH)

REMOVAL. REPLACE STONE AS NEEDED.

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH

DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT

HARDWARE CLOTH AND GRAVEL

YARD INLET PROTECTION

PERMANENT SEEDING

DEFINITION

Seeding disturbed areas with perennial grasses and (or) legumes to provide a permanent vegetative cover to lessen runoff and soil erosion.

To lessen soil erosion and permanently stabilize disturbed areas created by grading of construction sites.

CONDITIONS WHERE PRACTICE APPLIES All bare soil areas on construction sites which are not covered by structures or other erosion control devices.

PREPARA TION

Prepare seedbed by ripping, chiseling, harrowing or plowing to depth of six inches so as to produce a loose, friable surface. Remove all stones, boulders, stumps or debris from the surface which would prohibit germination or plant growth. Spread topsoil in a layer 3" - 6" depth.

Incorporate into the soil 800 to 1,000 pounds of 10-10-10 fertilizer plus 500 pounds of twenty percent (20%) superphosphate per acre and two tons of dolomitic lime per acre unless soil tests indicate that a lower rate of lime can be used.

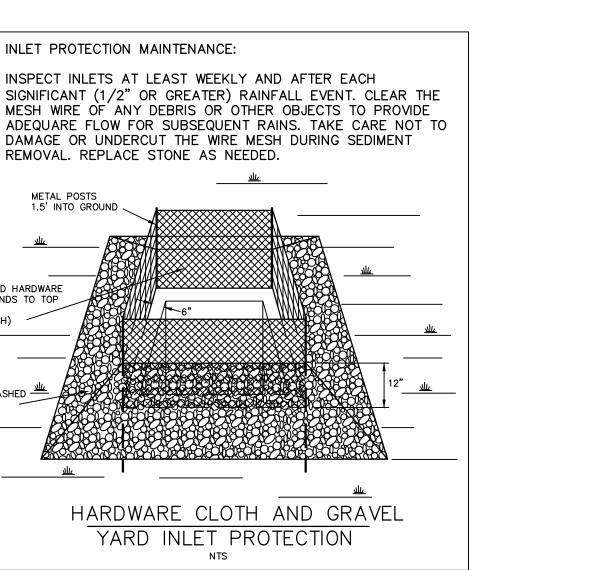
Mulch after seeding with 1.5 tons of grain straw per acre and either crimp straw into soil or tack with liquid asphalt at 400 gallons per acre or emulsified asphalt at 300 gallons per acre.

PLANTS & MIXTURE	PLANTING RATE/ACRE	PLANTING DATES
Tall Fescue (Low Maintenance)	100–150 lbs.	Aug. 15 — Oct. 15 Feb. 15 — May 1
Tall fescue Waterways and Lawns (High Maint.)	200–250 lbs.	Aug. 15 — Oct. 15 Feb. 15 — May 1
Blend of two turf— type tall Fescues (90%) and two or more improved Kentucky bluegrass varieties (10%) (high maintenance)	200–250 lbs.	Aug. 15 — Oct. 15 Feb. 15 — May 1
Tall Fescue and Kobe or Korean Lespedeza	100 lbs. and 20–25 lbs.	Feb. 15 — May 1 Aug. 15 — Oct. 15
Tall Fescue	50 lbs./acre	Nov. 1 — Feb. 1 (Unscarified)
Tall Fescue and German Millet or Sudangrass 2	60 lbs. and 30 lbs.	July and August
Tall Fescue and Ryegrain 2	70 lbs. and 25 lbs.	Nov. 1 — Jan. 30
Common Bermudagrass	8 lbs. (hulled) 15–20 lbs. (unhulled)	April 15 — June 30 Feb. 1 — March 30

¹ For spring seedings, use Scarified Lespedeza seed. For late fall and winter seedings, use unscarified seed.

PERMANENT GROUNDCOVER

Permanent groundcover is to be provided for all disturbed areas within 15 working days or 90 calender days (whichever is shorter) following completion of construction or development.

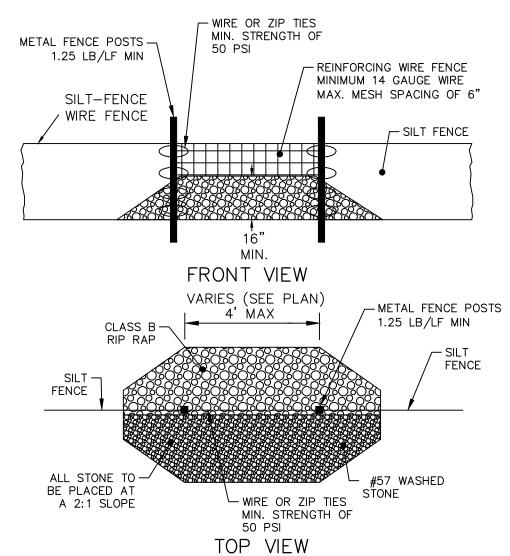


8' MAX W WIRE FENCE METAL FENCE POSTS -6' MAX W/O WIRE FENCE 1.25 LB/LF MIN - WIRE FENCE REINFORCING WIRE FENCE -- SILT FENCE **FABRIC** MINIMUM 14 GAUGE WIRE MAX. MESH SPACING OF 6" SILT FENCE FABRIC -ATSM 6461 OR EQUIV. WIRE OR ZIP TIES-MIN. STRENGTH OF KEY IN 8" DOWN BACKFILL TRENCH -AND 4" FORWARD AND COMPACT THROUGHLY WIRE OR -ZIP TIES CROSS SECTION EXISTING -

MAINTENANCE REQUIREMENTS:

- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE
- FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIAL AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY

TEMPORARY SILT FENCE NTS



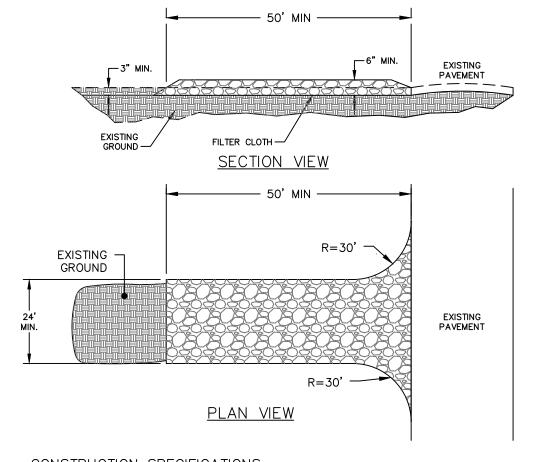
MAINTENANCE REQUIREMENTS:

- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL.
- BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE
- REMOVE ALL FENCING MATERIAL AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

NOTE:

SILT FENCE STONE OUTLET

TEMPC	RARY SEED	ING	SPECIF	ICATION	S
			Applicati	on Rates (Ib	/ac)
Recommended Seeding Dates	Species	Seed	10-10-10 Fertilizer	Agriculural Limestone	Straw
Jan. 1 — May 1	Winter Wheat Annual Lespedeza (Kobe)	120 50	750	2,000	4,000
May 1 — Aug 15	German Millet	40	750	2,000	4,000
Aug 15 — Dec 30	Ryegrain	120	1,000	2,000	4,000



CONSTRUCTION SPECIFICATIONS 1. STONE - USE COARSE AGGREGATE (2-3 INCH STONE)

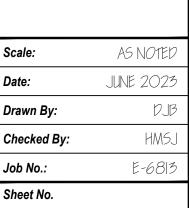
2. LENGTH - 50' MIN . THICKNESS - NOT LESS THAN SIX(6) INCHES

4. WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS 5. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE. THROUGH USE OF SAND BAGS, GRAVEL, BOARDS OR OTHER APPROVED METHODS.

6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

TEMPORARY CONSTRUCTION ENTRANCE





DETAIL

CONTROL

EROSION

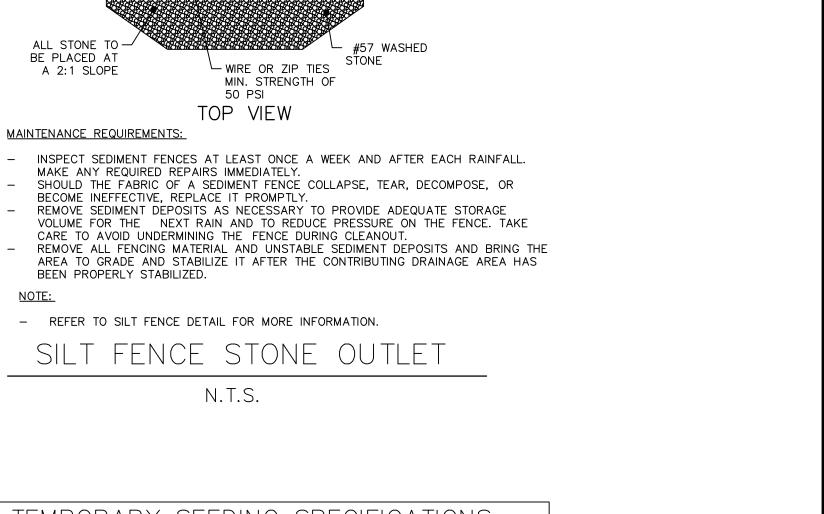
TON

WILMING

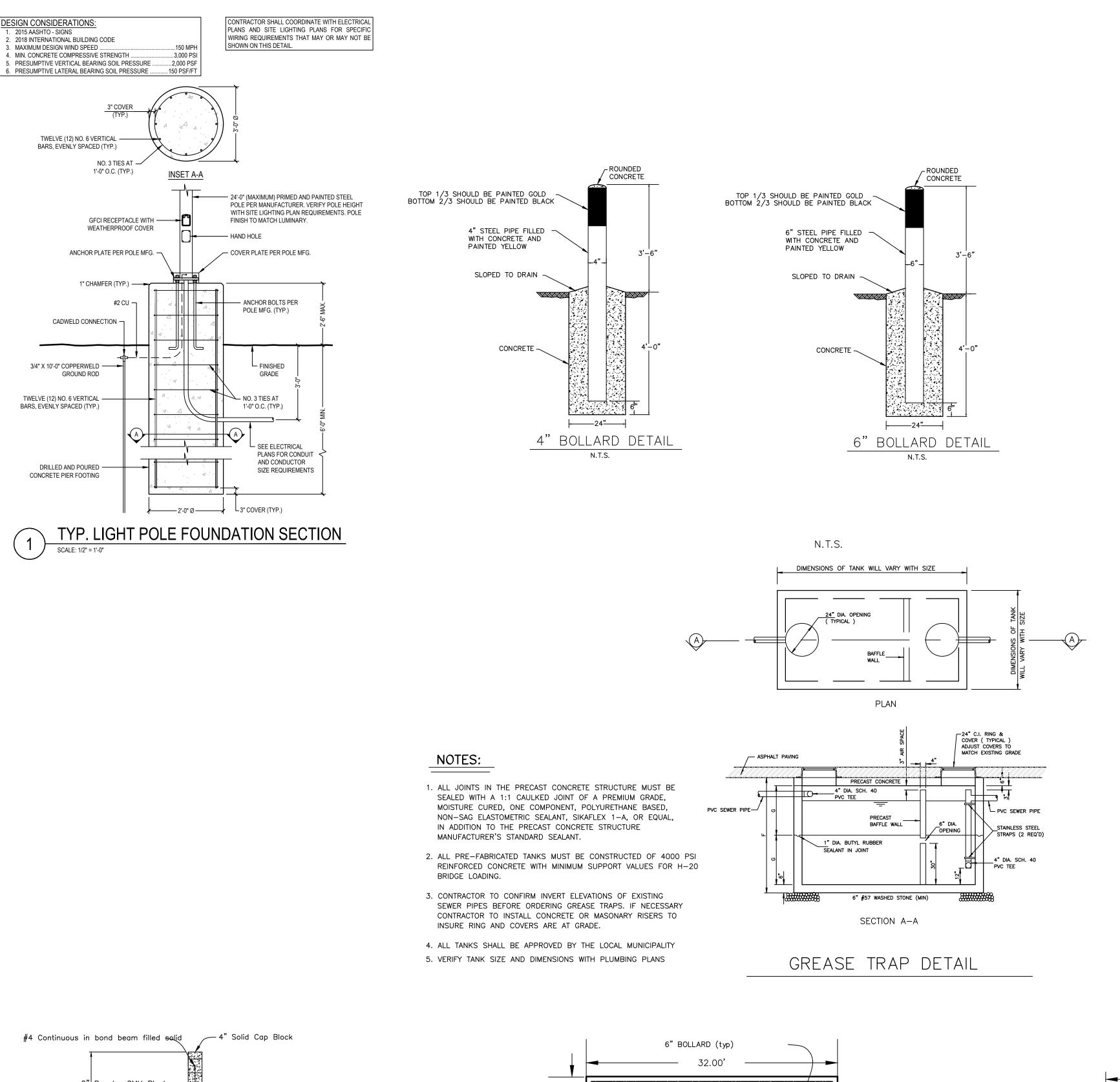
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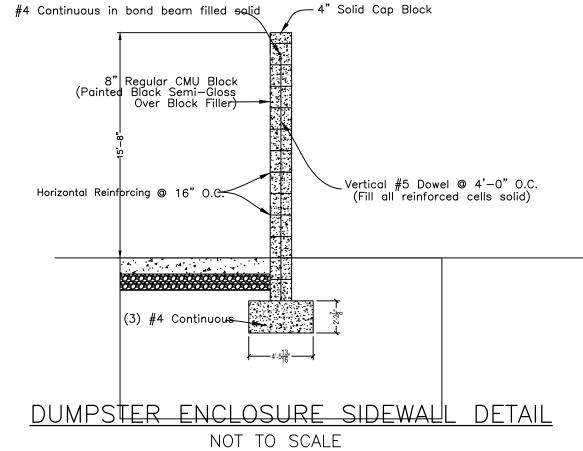
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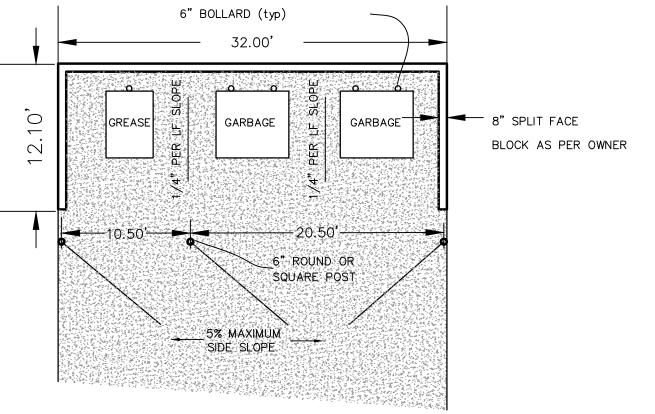




² Annuals such as Millet, Sudangrass and Ryegrain must be kept at 10-12" maximum height.

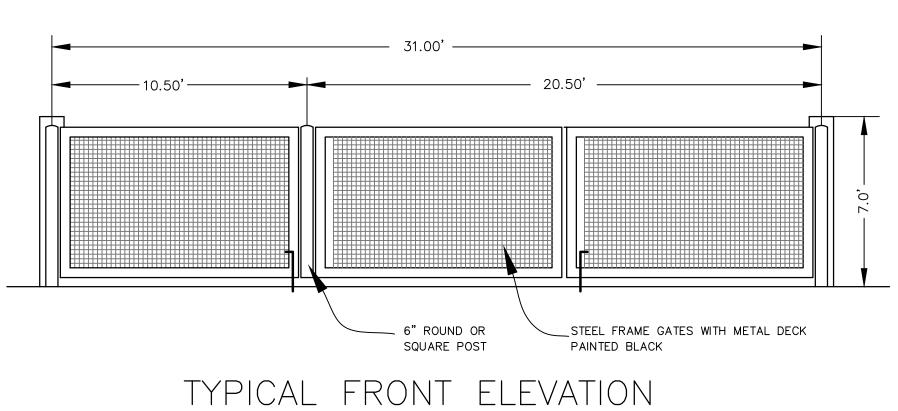






DUMPSTER ENCLOSURE DETAIL

NOT TO SCALE



TARREST SUN



FLLC Jing

ney Engineering Associates, Plagineering - Consulting - Surveying PO Box 968, Asheboro, NC 27204 Ph: 336-328-0902 Fx: 336-328-0922

 No.:
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 1
 05/19/22
 COMMENTS FROM CITY
 DJB
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 3
 06-16-23
 COMMENTS FROM CITY
 DJB
 E.1

STANDARD DETAILS OK OUT WILMINGTON

200

Scale: AS NOTED

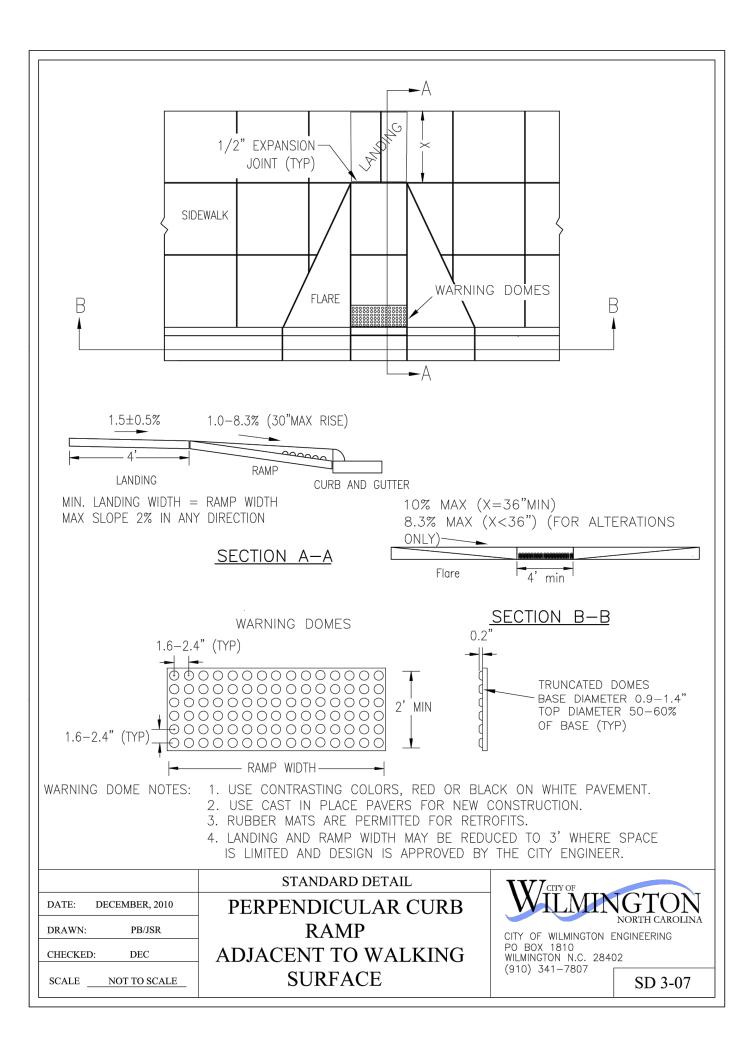
Date: JUNE 2023

Drawn By: DJB

Checked By: HMSJ

Job No.: E-6813

Sheet No.



shall be prevented by standard signs and as needed by

STANDARD DETAIL

PARKING FACILITY

DESIGN NOTES

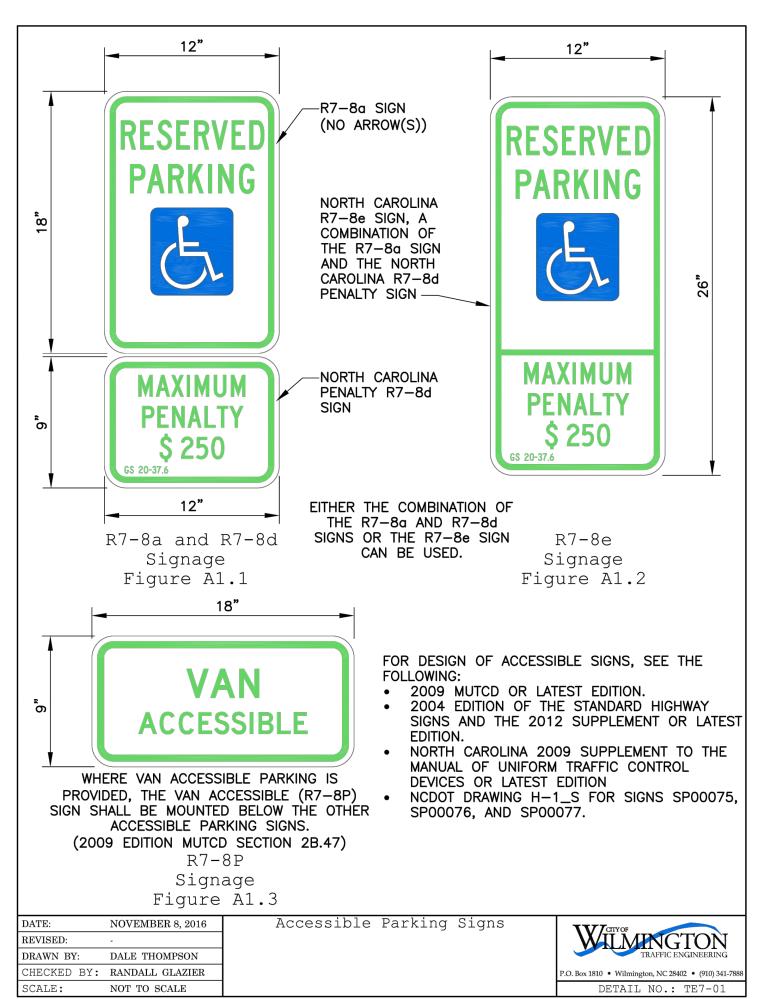
portable barricades.

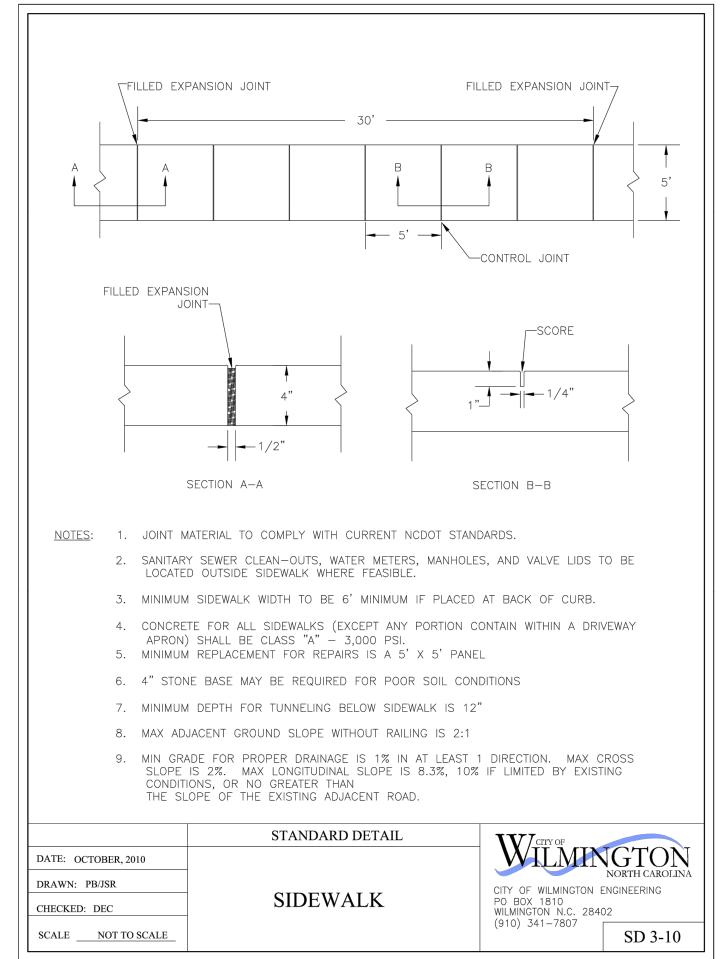
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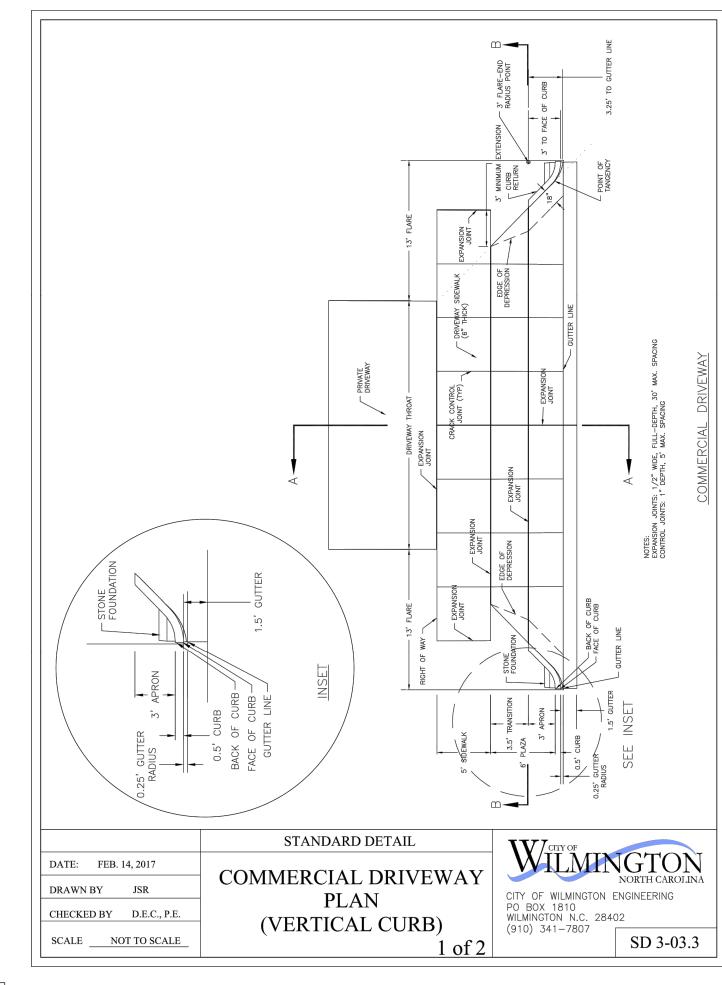
DRAWN BY JSR/CMR

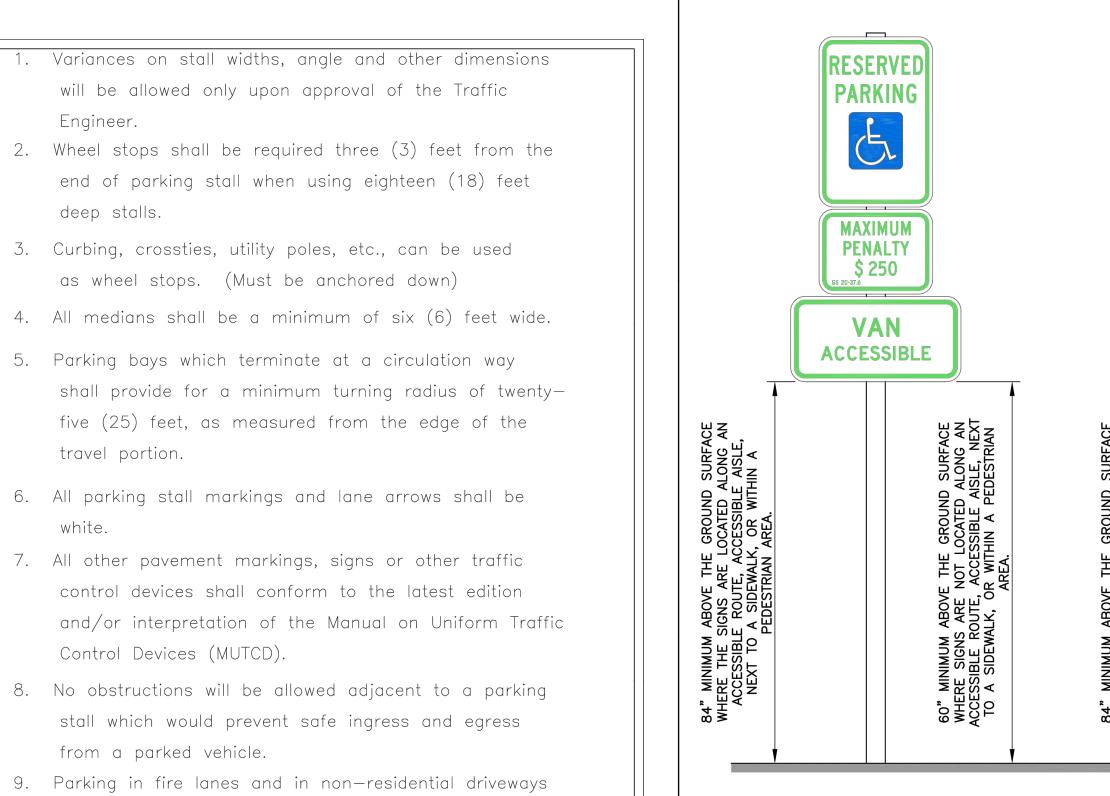
CHECKED BY B.P., P.E.

SCALE NOT TO SCALE







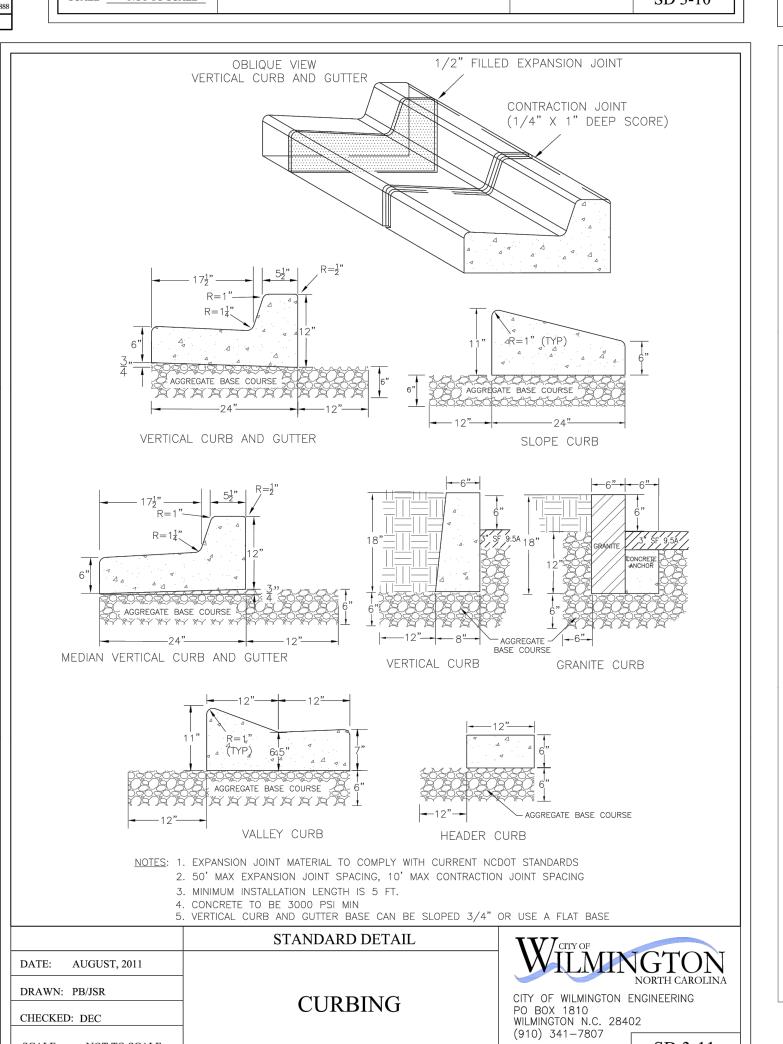


WILMINGTON NORTH CAROLINA

CITY OF WILMINGTON ENGINEERING PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807

SD 15-13

NOT TO SCALE

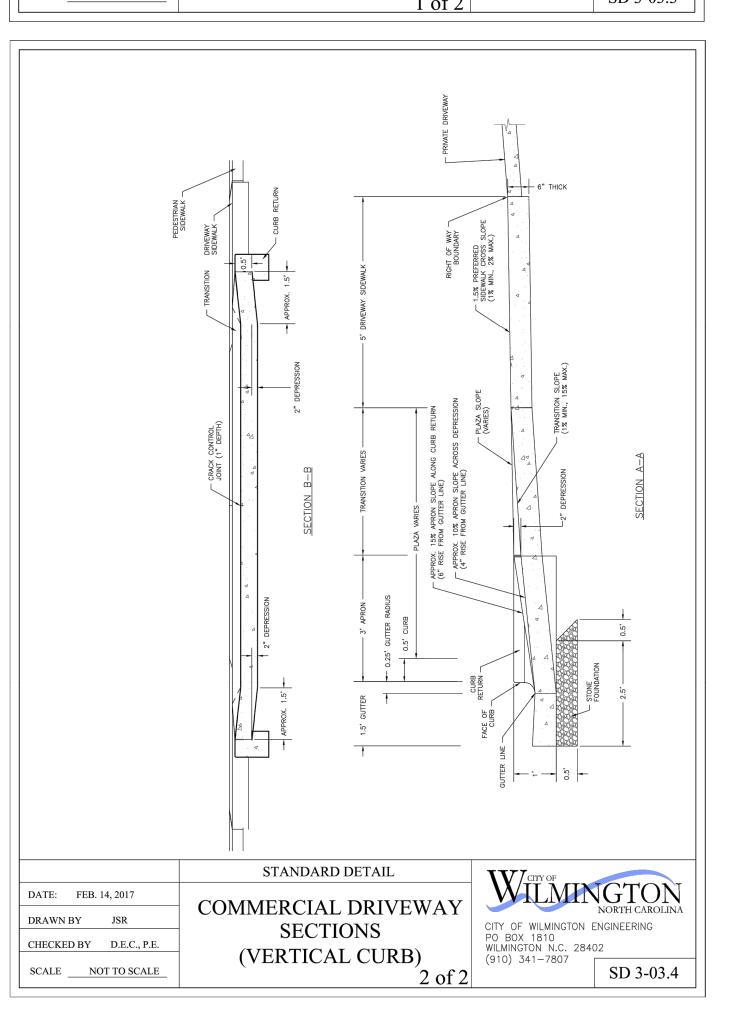


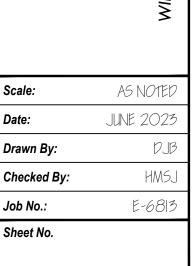
SD 3-11

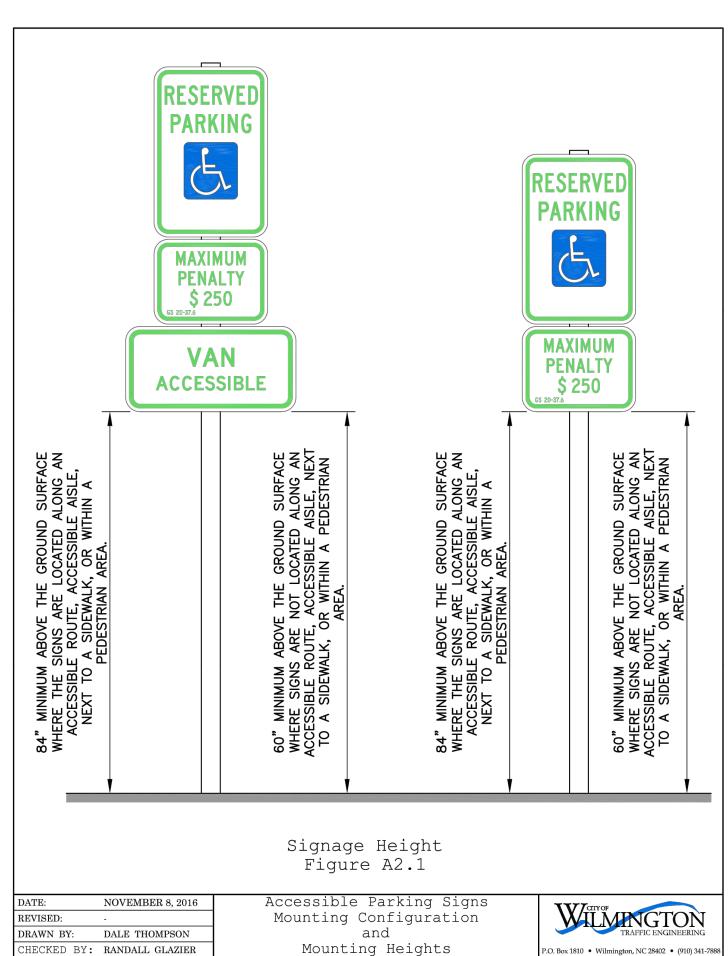
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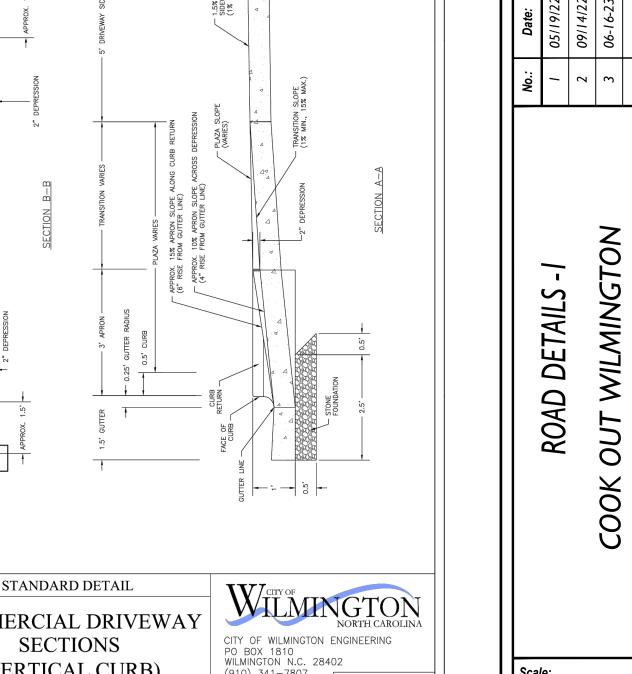
DETAIL NO.: TE7-0

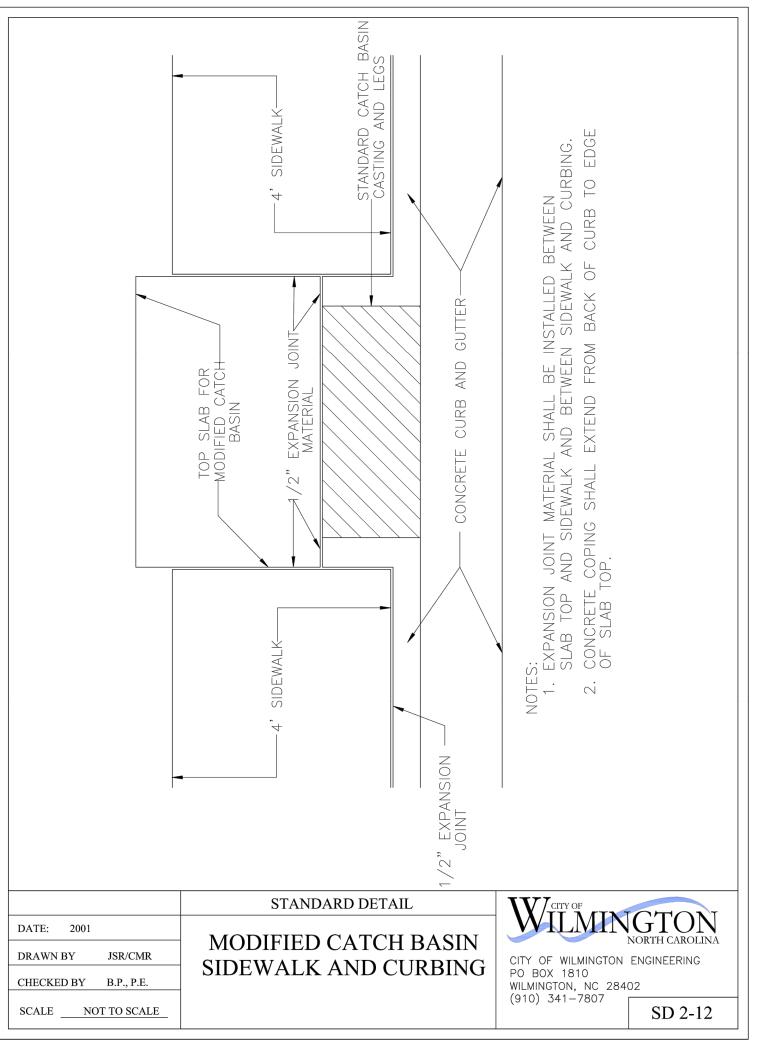
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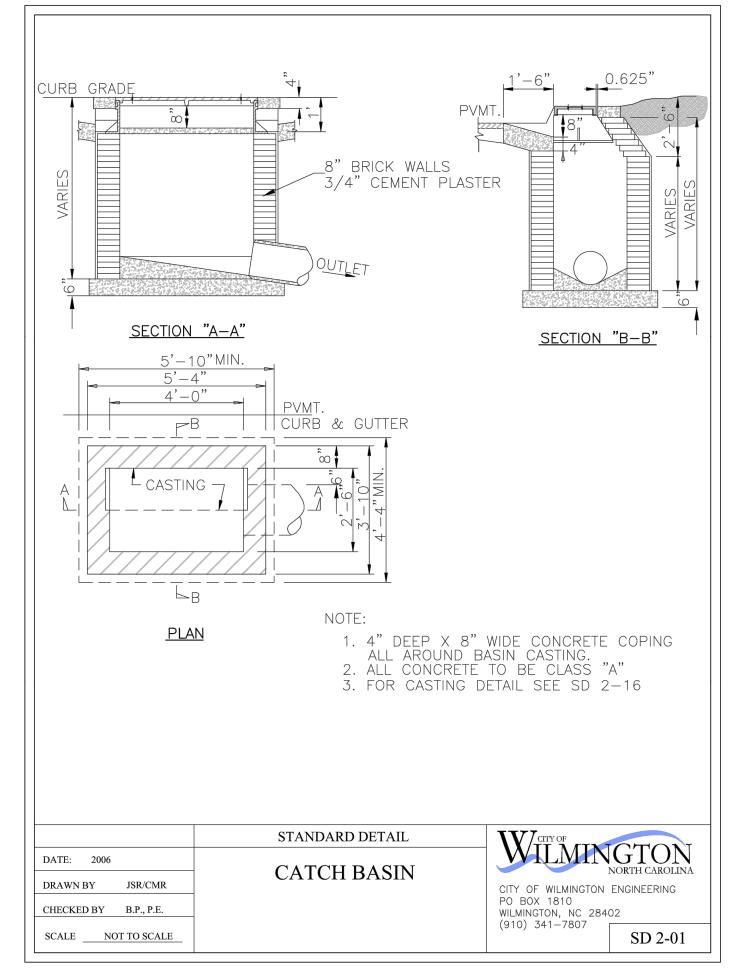


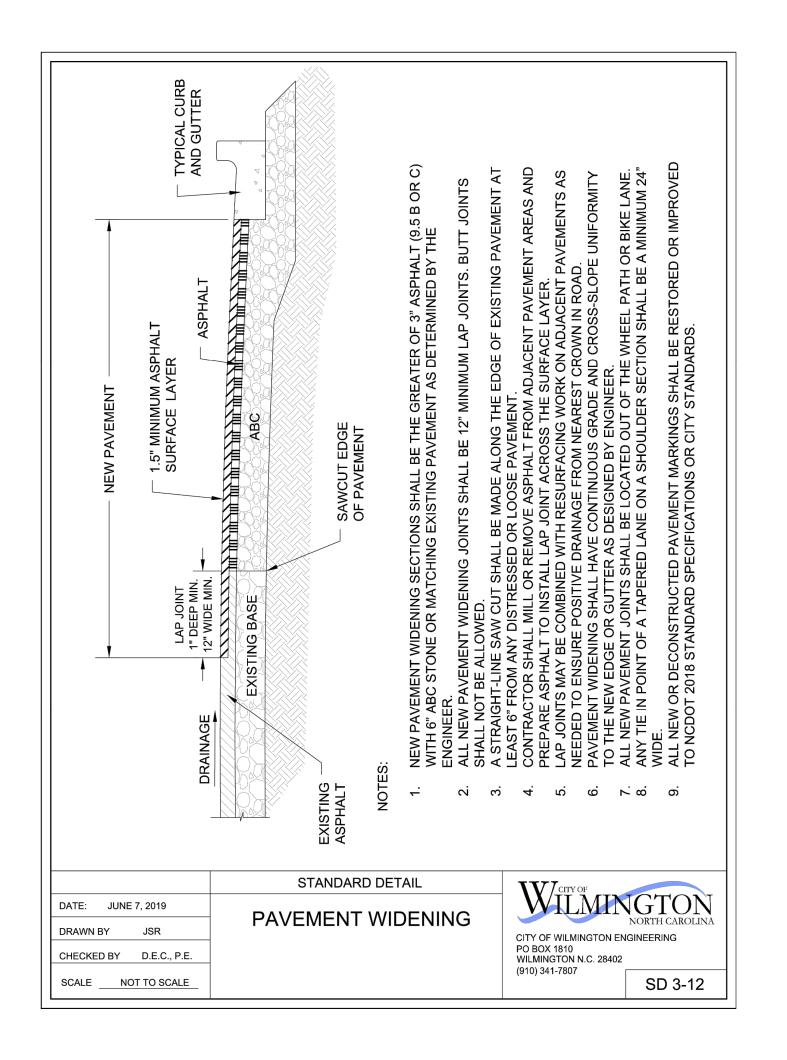


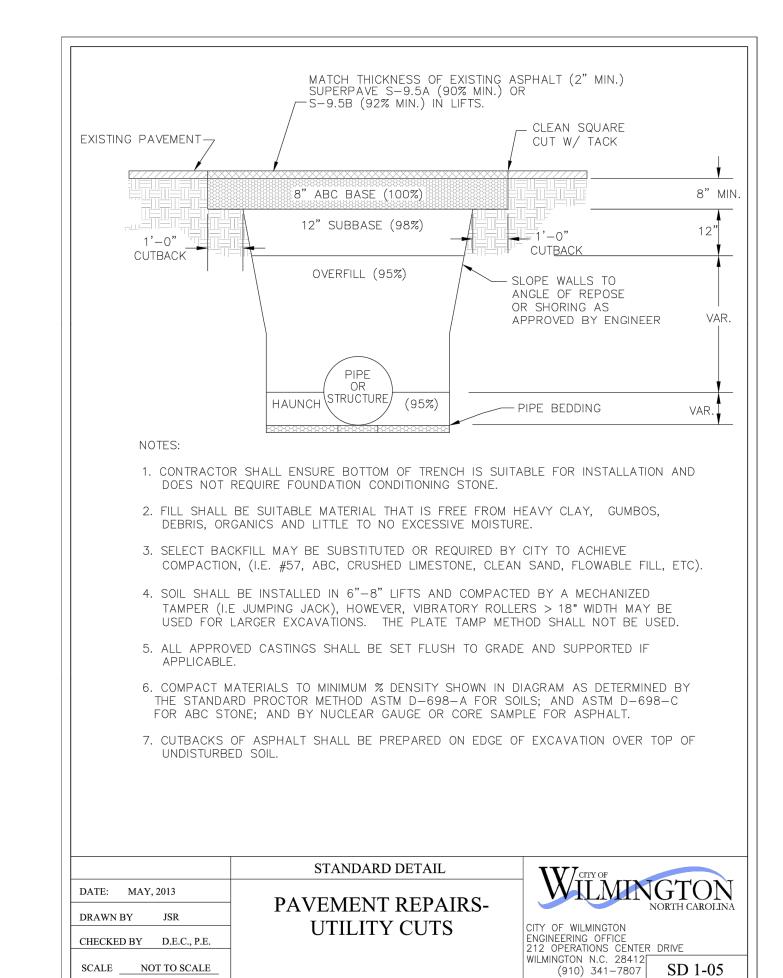


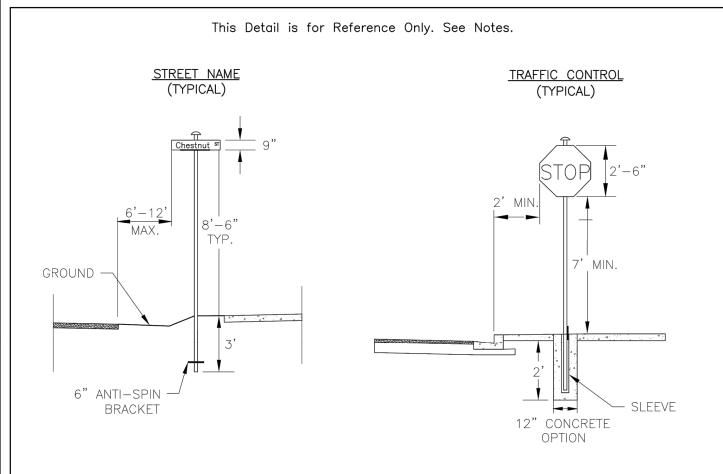












1) All signs and materials shall meet the requirements of MUTCD and City Traffic Engineering in effect at the time of construction. Designer and Contractor shall utilize the latest edition of "City of Wilmington Specifications for Installation of Street Name Signs, Traffic Control Signs and Signs <u>Hardware</u>" guideline. Special Designation signs (downtown, historic, parks, riverfront, cross city trail, etc.) shall adhere to COW Signage Plan and all associated policies.

2) Sign callouts, locations and dimensions are responsibility of the designer and shall be clearly indicated on a plan sheet. A Signs and Pavement Marking design sheet is necessary for larger projects, preferred to include a table with #units, MUTCD#, name, size, lettering, posts, material, color, intensity, etc.

3)In advance of fabrication, Contractor may provide a sign order/or proof sheet from the supplier to City Traffic Engineering for compliance review of material specifications only.

4)All non—standard (decorative) sign posts and hardware installations require a NON—STANDARD TRAFFIC SIGN HARDWARE & MATERIALS AGREEMENT to be executed prior to acceptance. Contact City Traffic Engineering.

5)Contractor shall contact City Inspector prior to sign installation and final acceptance. Modifications may be required for compliance. All signs that are removed and not reinstalled shall be salvaged and delivered to the City.

6) Street name and traffic control signs shall be installed when streets are opened to the public. 7)Developer/HOA is responsible for proper maintenance of all signs until accepted by the City.

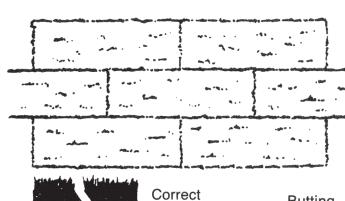
STANDARD DETAIL DATE: FEBRUARY, 2019 STREET & TRAFFIC SIGNS DRAWN BY JSR CITY OF WILMINGTON ENGINEERING PO BOX 1810 REFERENCE DETAIL CHECKED BY BDR, P.E. WILMINGTON, NC 28402 (910) 341-7807 SCALE NOT TO SCALE

WILMING **DETAILS** ROAD OUT COOK

AS NOTEL JUNE 2023 Drawn By: Checked By: Job No.: E-6813

Sheet No.

SD 15-03



Lay sod in a staggered pattern with strips butted tightly against each other. A sharpened mason's trowel can be used to tuck down the ends and trim pieces.



Butting—angled ends caused by the automatic sod cutting must be matched correctly.







Roll sod immediately to achieve firm contact with the soil.

Water to a depth of 4" as soon as the sod is laid, and continue watering as needed.

tablished (2-3 wks). Set the mower high (2-3'').

Figure 6.12a Proper installation of grass sod (modified from Va SWCC).

3. Do not sod on gravel, frozen soils, or soils that have been treated recently with sterilants or herbicides.

4. Lay the first row of sod in a straight line with subsequent rows placed paralled to and butting tightly against each other. Stagger strips in a brick-like pattern. Be sure that the sod is not streached or overlapped and that all joints are butted tightly to prevent voids. Use a knife or sharp spade to trim and fit irregularly shaped areas.

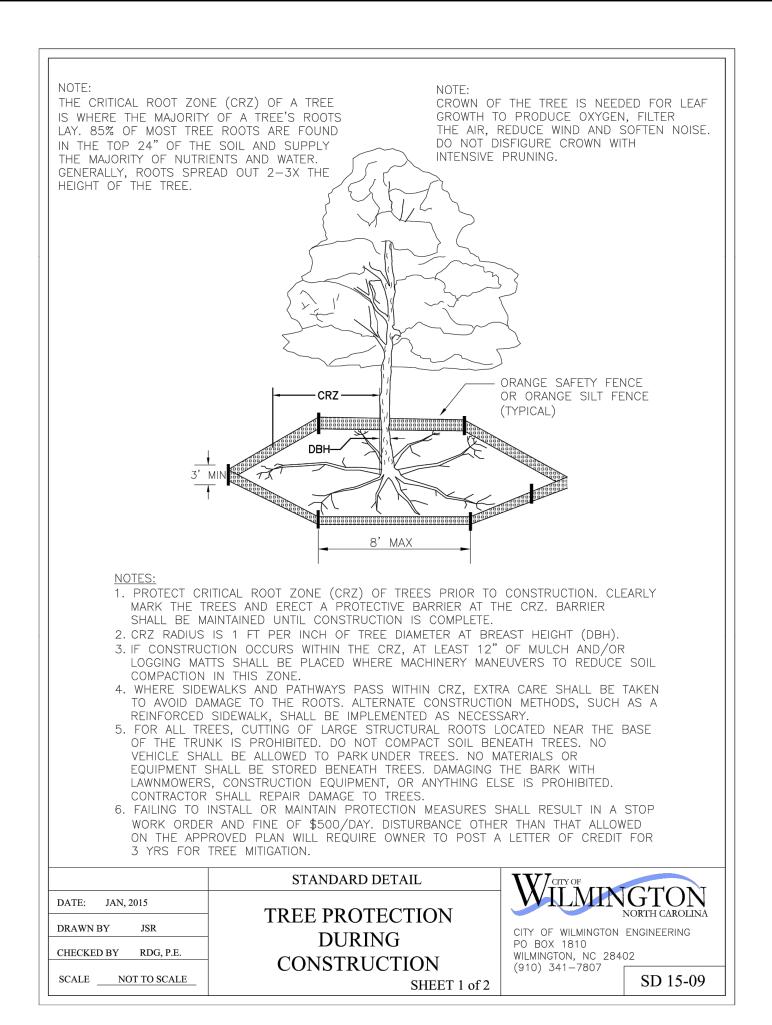
5. Install strips of sod with their longest dimension perpendicular to the

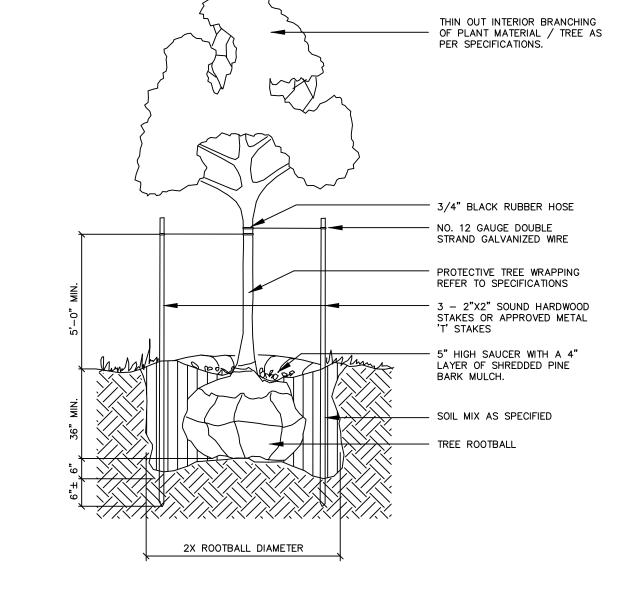
slope. On slopes 3:1 or greater, or wherever erosion may be a problem, secure sod with pegs or staples.

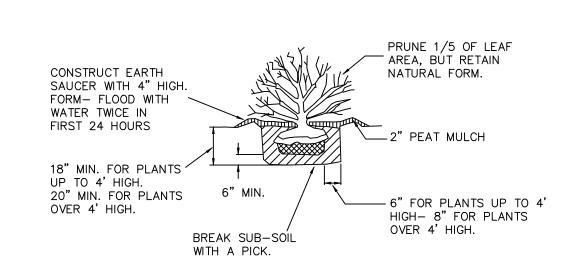
6. As sodding of clearly defined areas is completed, roll sod to provide firm contact between roots and soil.

7. After rolling, irrigate until the soil is wet 4 inches below the sod.

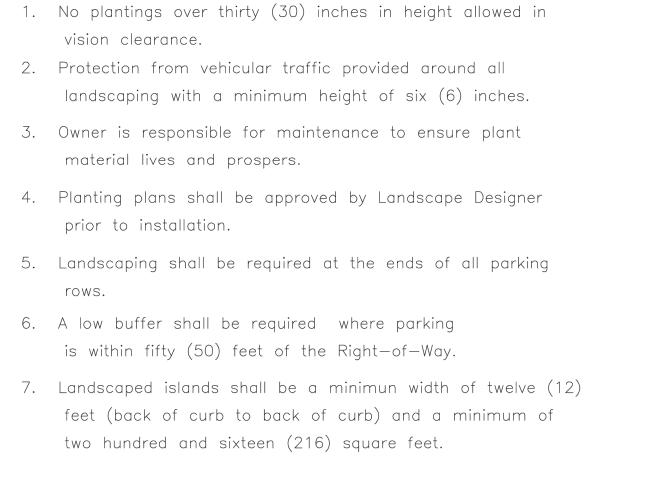
TYPICAL SODDING DETAIL







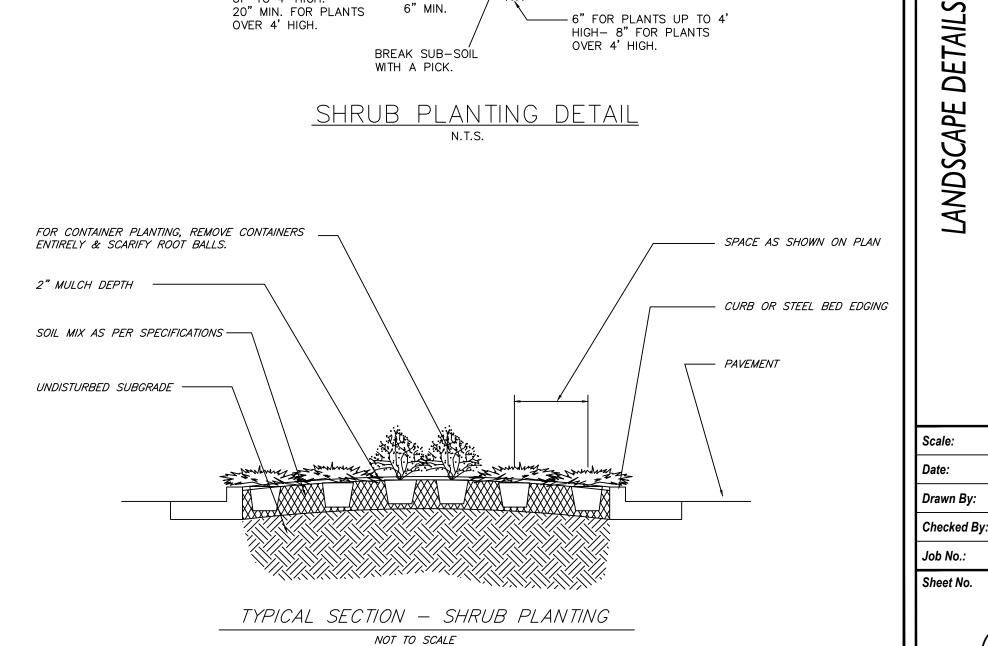




8.	Α	minimum	of	fifteen	(15) t	rees 2	inche	s or	great	er in	diameter	
	as	measured	6	inches	above	ground	per	distu	rbed	acre.		

9. For recommended Plant List see "Landscape" T-10.4.

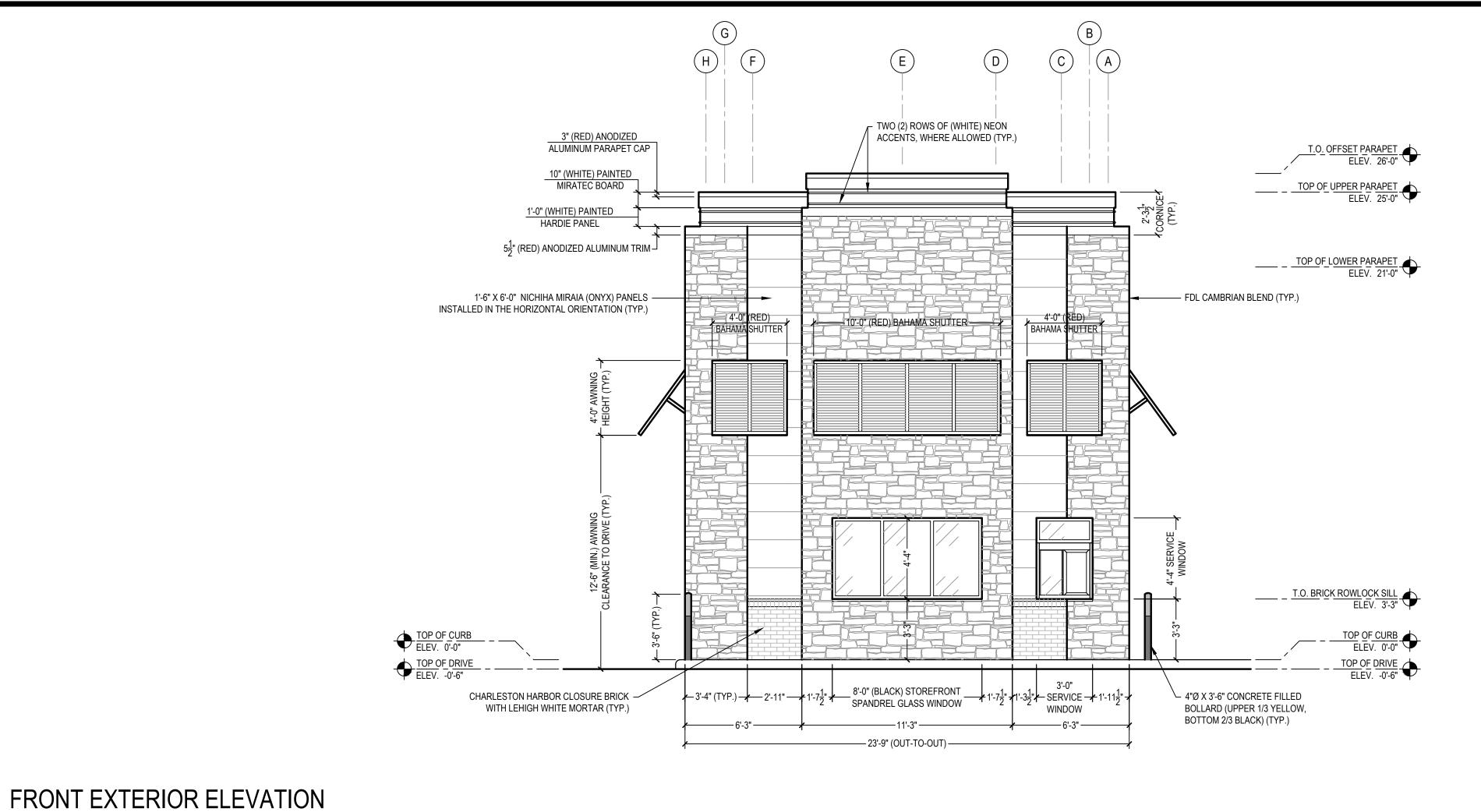
	STANDARD DETAIL	V crry of
DATE: APRIL, 2008	I ANDCCADE NOTEC	WILMINGTON NORTH CAROLIN
DRAWN BY JSR	LANDSCAPE NOTES	CITY OF WILMINGTON ENGINEERING
CHECKED BY B.P., P.E.		PO BOX 1810 WILMINGTON, NC 28402
SCALE NOT TO SCALE		(910) 341–7807 SD 15-14



OUT COOK AS NOTEL JUNE 2023

WILMINGTON

E-6813



 \bigcirc A F TWO (2) ROWS OF (WHITE) NEON -ACCENTS, WHERE ALLOWED (TYP.) ┌ (RED) PRE-FINISHED 3" (RED) ANODIZED
ALUMINUM PARAPET CAP METÁL SIDING 1'-0" (WHITE) PAINTED HARDIE PANEL $L_{5_{7}^{1}}$ (RED) ANODIZED ALUMINUM TRIM TOP OF LOWER PARAPET ELEV. 21'-0" FDL CAMBRIAN BLEND (TYP.) — 1'-6" X 6'-0" NICHIHA MIRAIA (ONYX) PANELS — INSTALLED IN THE HORIZONTAL ORIENTATION (TYP.) SLOPED ROWLOCK SILL (TYP.) 3'-10" DOOR CHARLESTON HARBOR CLOSURE BRICK -- 4"Ø X 3'-6" CONCRETE FILLED WITH LEHIGH WHITE MORTAR (TYP.) BOLLARD (UPPER 1/3 YELLOW, BOTTOM 2/3 BLACK) (TYP.) - 21'-9" (OUT-TO-OUT) -

– 23'-9" (OUT-TO-OUT) -

EXTERIOR FINISH DESIGNATIONS

BRICK VENEER SPECIFICATION:

STONE VENEER SPECIFICATION:

MANUFACTURER:

BRICK SERIES:

SCOTT STONE, INC. MANUFACTURER: STONE SERIES: FDL CAMBRIAN BLEND (80/20) NTV MORTAR COLOR: BRIXMENT (TYPE S) WATERTABLE / SILL: TN BLUE/GRAY

ARCHITECT

BRIAN LATHROP,
Healthcare Architecture Planning P

DATE DESCRIPTION

0 10.18.21 PRELIMINARY PERMIT SET

ject Anal (770)



STATESVILLE BRICK CO. CHARLESTON HARBOR CLOSURE BRICK AUTHENTIC TUMBLED SERIES

MORTAR COLOR: LEHIGH WHITE (TYPE S) NICHIHA ARCHITECTURAL WALL PANEL SPECIFICATION:

FINISH / COLOR: HIGH-GLOSS / ONYX

PANEL ORIENTATION: HORIZONTAL MATERIAL TYPE: FIBER CEMENT

PAINT COLOR DESIGNATIONS

PLAN COLOR: BLACK MANUFACTURER: SHERWIN-WILLIAMS PRODUCT NUMBER: SW 6990 PRODUCT NAME: CAVIAR PAINT FINISH: FLAT

> PLAN COLOR: MANUFACTURER: SHERWIN-WILLIAMS PRODUCT NUMBER: SW 7070 PRODUCT NAME: SITE WHITE PAINT FINISH: FLAT

PLAN COLOR: RED MANUFACTURER: OWNER TO SPECIFY PRODUCT NUMBER: COLOR MATCH COOK OUT RED PRODUCT NAME: PAINT FINISH:



CONTACT NAME: MATT STEPHENSON EMAIL ADDRESS: MSTEPHENSON@NICHIHA.COM PHONE NUMBER: 770.789.8228 WEBSITE: WWW.NICHIHA.COM

CONTACT NAME: RANDY CLAYTON RANDY.CLAYTON@SCOTTSTONE.COM EMAIL ADDRESS: PHONE NUMBER: 919.563.3469

CONTACT NAME: SCOTT RANKIN BRICKSALES@STATESVILLEBRICK.COM EMAIL ADDRESS: 704.872.4123 PHONE NUMBER:

4

LEVATIONS T RESTAURAI

70

COOK

1. ALL WORK SHALL BE INSTALLED TO MEET CURRENT STATE AND OCK BUILDING CODE REQUIREMENTS, LATEST REVISION.

DURING PROJECT DURATION.

4. CONTRACTOR SHALL COORDINATE WITH PLUMBING, MECHA IC ELECTRICAL, STRUCTURAL, AND CIVIL PLANS FOR ADDITIONAL WORK THAT MAY OR MAY NOT BE SHOWN ON THIS DRAWING.

. VERIFY ALL FINISHES, PAINT COLORS, ETC. WITH OWNER PRIOR INSTALLATION OR APPLICATION.

6. CONTRACTOR SHALL BE RESPONSIBLE TO INFORM OWNER OF ALL SPECIES MATERIALS THAT ARE UNAVAILABLE DUE TO SHORTAGES OR OTHER LACK MATERIAL ACCESSIBILITY.

EXTERIOR ELEVATIONS

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

SCOTT STONE, INC.:

WEBSITE:

WWW.SCOTTSTONE.COM STATESVILLE BRICK CO.

WWW.STATESVILLEBRICK.COM WEBSITE:

GENERAL NOTES

2. GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS AND EQUIPMENT DAILY

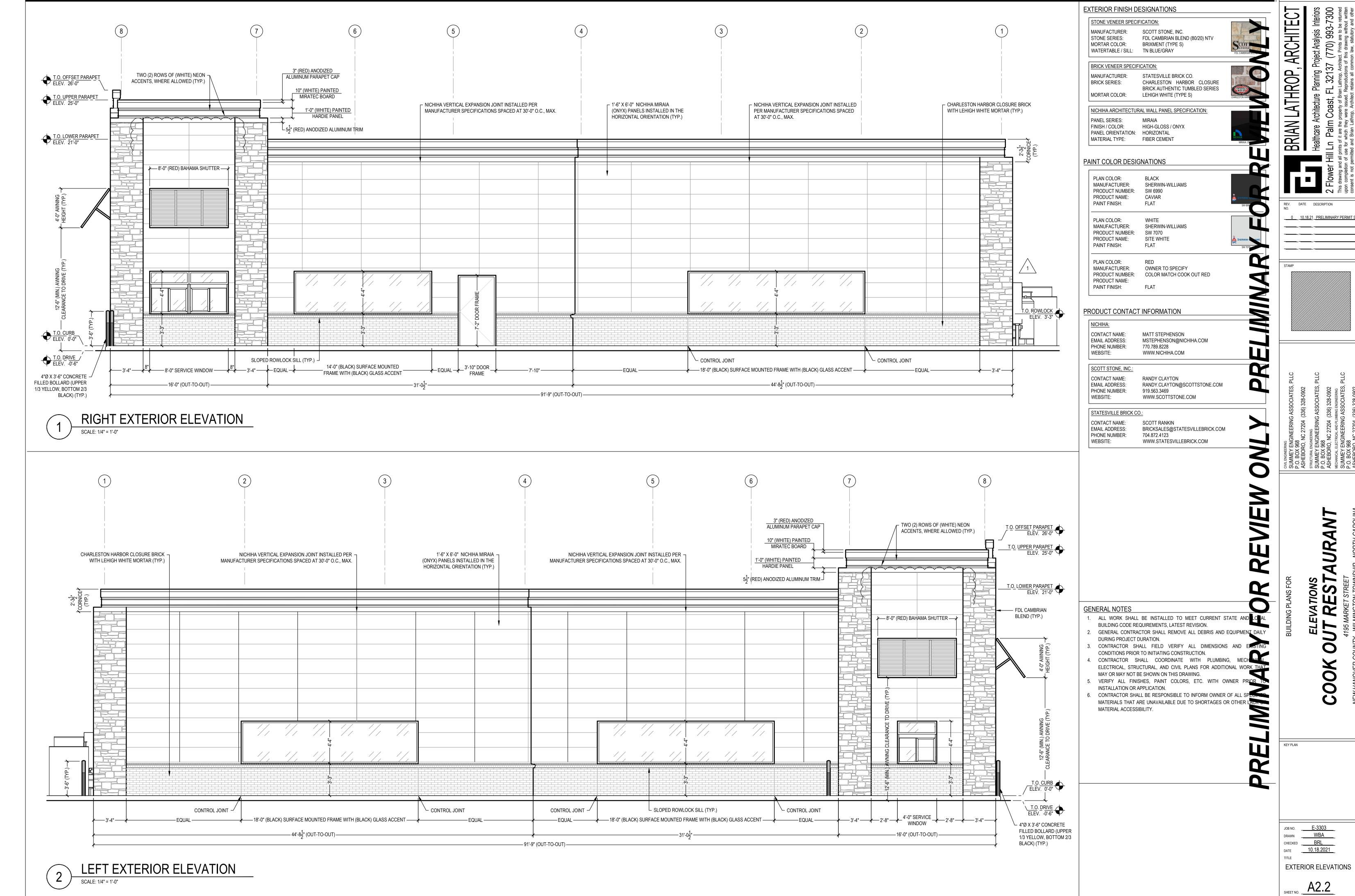
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXECUTIVE CONDITIONS PRIOR TO INITIATING CONSTRUCTION.

JOB NO. E-3303

DRAWN WBA

CHECKED BRL

DATE 10.18.2021



<u>A2.2</u>