DOWNTOWN NORTH - MAIN STREET

N SMITHFIELD ROAD
KNIGHTDALE, NORTH CAROLINA
WAKE COUNTY

CONSTRUCTION DRAWINGS

PHASE 1A

PROJECT NUMBER: AGN21002

DATE: JULY 11, 2024

CASE NUMBER: 791148

ZMA-13-22

ORDINANCE #: 23-01-18-003

SITE PERMITTING APPROVAL

Water and Sewer Permits (If applicable)

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

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

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

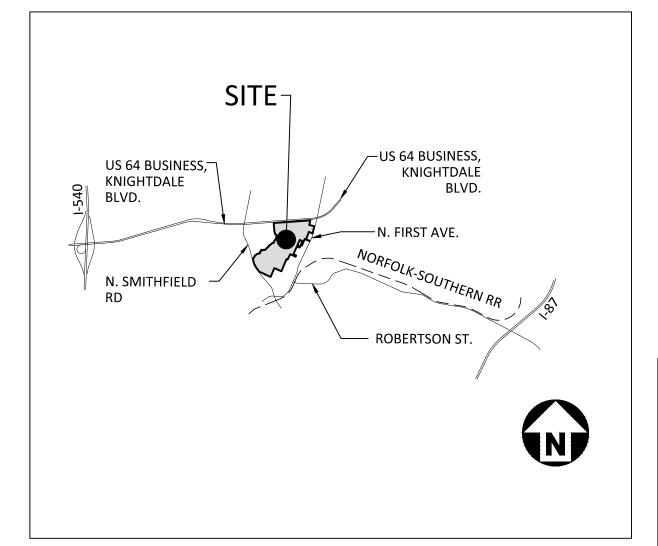
City of Raleigh Public Utilities Department Permit #

CITY OF RALEIGH — PLANS AUTHORIZED FOR CONSTRUCTION

Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval





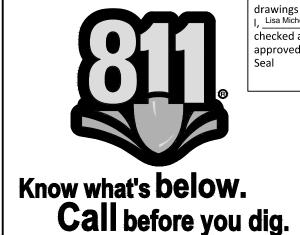
VICINITY MAP1"=5000'

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 reinstallation 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 <u>Fine and Possible Exclusion</u> from future work in the City of Raleigh.



Professional Design Engineer Certification. These improvements shall be constructed in accordance with the following drawings and with the Standard Specifications of the Town of Knightdale.

I, Lisa Michelle Podeszwa PE, certify that the Standard Specifications of the Town of Knightdale have been thoroughly checked and found to be applicable to this project. All exceptions to the applicable Town standards have been previous approved by the Town of Knightdale and said exceptions are shown on Sheet(s) of these drawings.

Seal By: Pote: 07/23/2024

CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

SHEET INDEX

C10.02

C10.03

C10.04

C10.06

C10.07

C10.08 C10.09

C10.11

C10.12

COVER SHEET AND INDEX

ROADWAY DETAILS

OVERALL SITE PLAN

TYPICAL SECTIONS - MAIN STREET

PLAN AND PROFILE - MAIN STREET STA. 100+00 THRU STA. 106+50

CROSS SECTIONS - MAIN STREET STA. 100+00 THRU STA. 101+00 CROSS SECTIONS - MAIN STREET STA. 101+50 THRU STA. 102+50

CROSS SECTIONS - MAIN STREET STA. 103+00 THRU STA. 104+00

CROSS SECTIONS - MAIN STREET STA. 104+50 THRU STA. 105+50

EROSION CONTROL PLAN - MAIN STREET STA. 100+00 THRU STA. 106+50

PAVEMENT MARKING AND SIGNING PLAN - MAIN STREET STA. 100+00 THRU STA. 106+50

INTERSECTION SIGHT DISTANCE - MAIN STREET

TRAFFIC CONTROL NOTES AND PHASING

ALL CONSTRUCTION SHALL BE IN ACCORDANCE
WITH THE CURRENT TOWN OF KNIGHTDALE, CITY OF RALEIGH
PUBLIC UTILITIES, AND NCDOT (WHERE APPLICABLE)
ENGINEERING DESIGN AND CONSTRUCTION STANDARDS

Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: ______ Date: ______

Town Engineer
These plans are approved by the Town of Knightdale and serve as construction plans for this project.

PERMIT SET - NOT RELEASED FOR CONSTRUCTION



2905 Meridian Parkway Durham, NC 27713 phone 919. 361. 5000

> fax 919. 361. 2269 license number: C-0293, C-187

> > www.mcadamsco.com

The John R. McAdams Company, Inc

CONTACT

L. MICHELLE PODESZWA podeszwa@mcadamsco.com PHONE: 919. 287. 0844

CLIENT

ALLIANCE GROUP OF NC, LLC 7208 FALLS OF NEUSE RD, SUITE 101 RALEIGH, NORTH CAROLINA 27615 JACOB ANDERSON PHONE: 919. 239. 9486

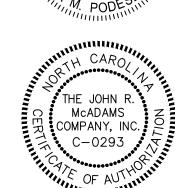


PROJECT DIRECTORY

JPM SOUTH DEVELOPMENT
7208 FALLS OF NEUSE RD, SUITE 101
RALEIGH, NORTH CAROLINA 27615
JOHN MYERS
PHONE: 919. 306. 3330







REVISIONS

CONSTRUCTION DRAWINGS FOR:

DRAWINGS FOR:

DOWNTOWN NORTH

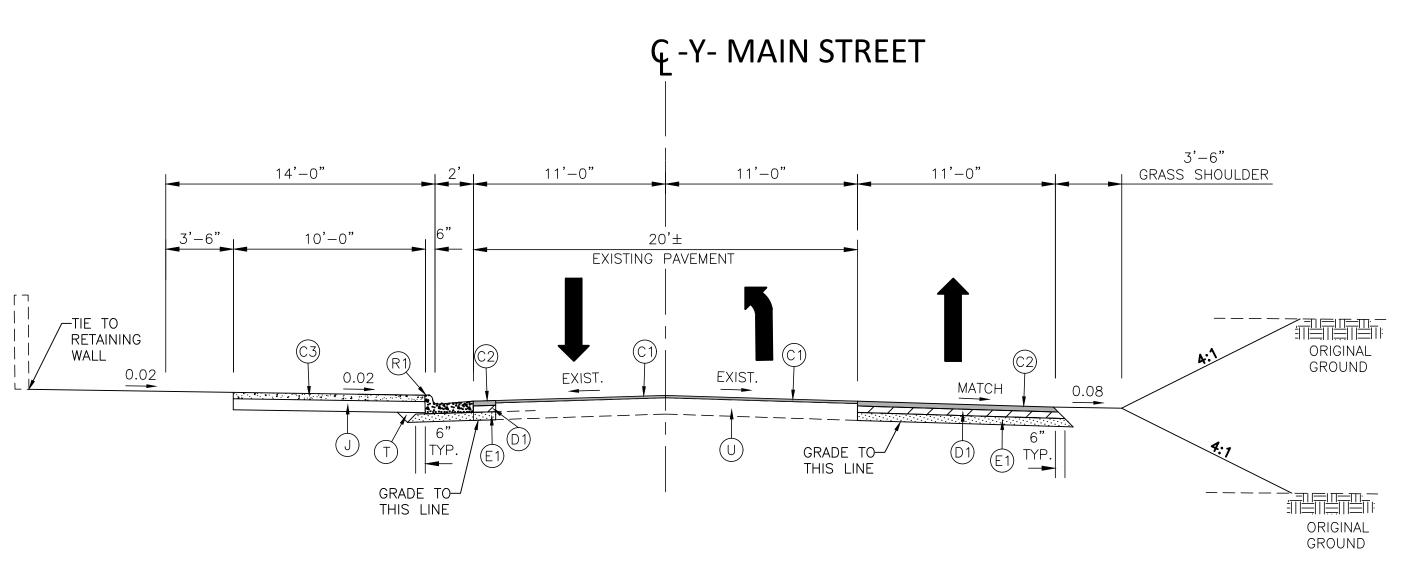
N SMITHFIELD ROAD

KNIGHTDALE, NORTH CAROLINA

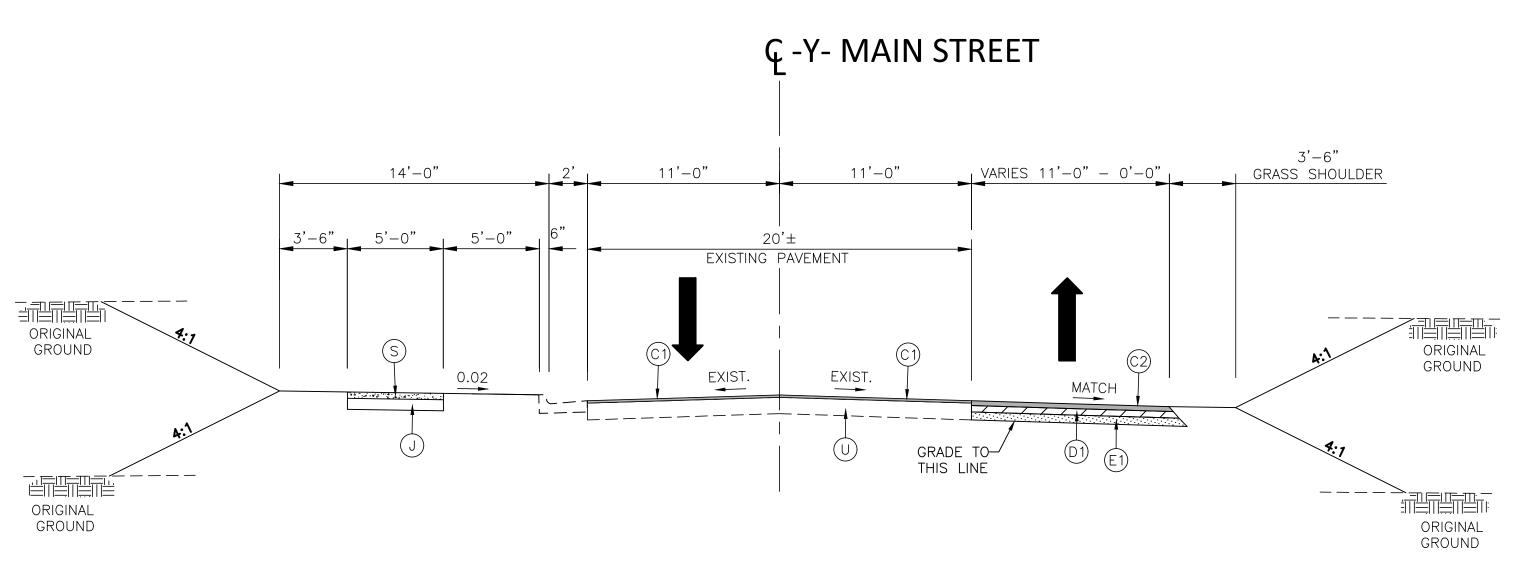
PROJECT NUMBER:AGN21001

C -Y- MAIN STREET 14'-0" 11'-0" 11'-0" 11'-0" 35'± EXISTING PAVEMENT VARIES 9'-0" - 0'-0" WALL 0.02 TIE TO NORTH SMITHFIELD ROAD

TYPICAL SECTION NO.1 -Y- MAIN STREET STA 100+34.94 TO STA 101+00



TYPICAL SECTION NO.2 -Y- MAIN STREET STA 101+00 TO STA 102+74.74



TYPICAL SECTION NO.3

-Y- MAIN STREET

STA 102+74.74 TO STA 105+41

PAVEMENT SCHEDULE

	.,
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD.
C2	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD IN EACH OF TWO LAYERS. (INCLUDES OVERLAY)
С3	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YARD.
D1	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YARD IN ONE LAYER.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YARD IN ONE LAYER.
J	6" AGGREGATE BASE COURSE
R1	30" CONCRETE CURB AND GUTTER
R2	5" MONOLITHIC CONCRETE ISLAND (SURFACE MOUNTED)
S	4" CONCRETE SIDEWALK
Т	EARTH MATERIAL
U	EXISTING PAVEMENT
	1

* SHOULDER SHALL SLOPE IN ACCORDANCE WITH NCDOT STD. DWG. NO. 560.01. ALL TYPICAL SECTIONS WHERE SUPER IS APPLICABLE.



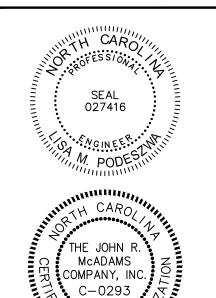
The John R. McAdams Company, Inc. 2905 Meridian Parkway Durham, NC 27713

phone 919. 361. 5000 fax 919. 361. 2269 license number: C-0293, C-187

www.mcadamsco.com



NOWNTOWN NORTH A KNIGHTDALE STATION FESITE ROADWAY PLA PHASE 1A



REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO.
FILENAME
CHECKED BY

CHECKED BY LMP
DRAWN BY MJM
SCALE 1" = 5'

SCALE 1" = 5'

DATE 07-11-2024

SHEET

TYPICAL SECTIONS
MAIN STREET

C10.01

Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

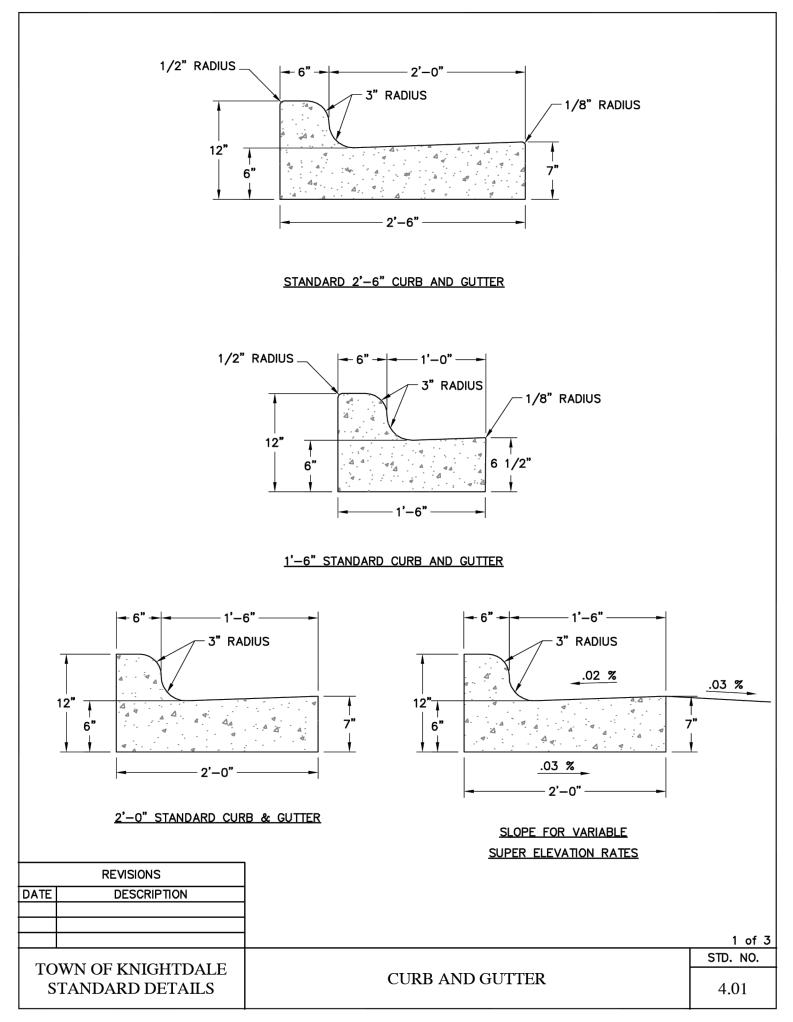
Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

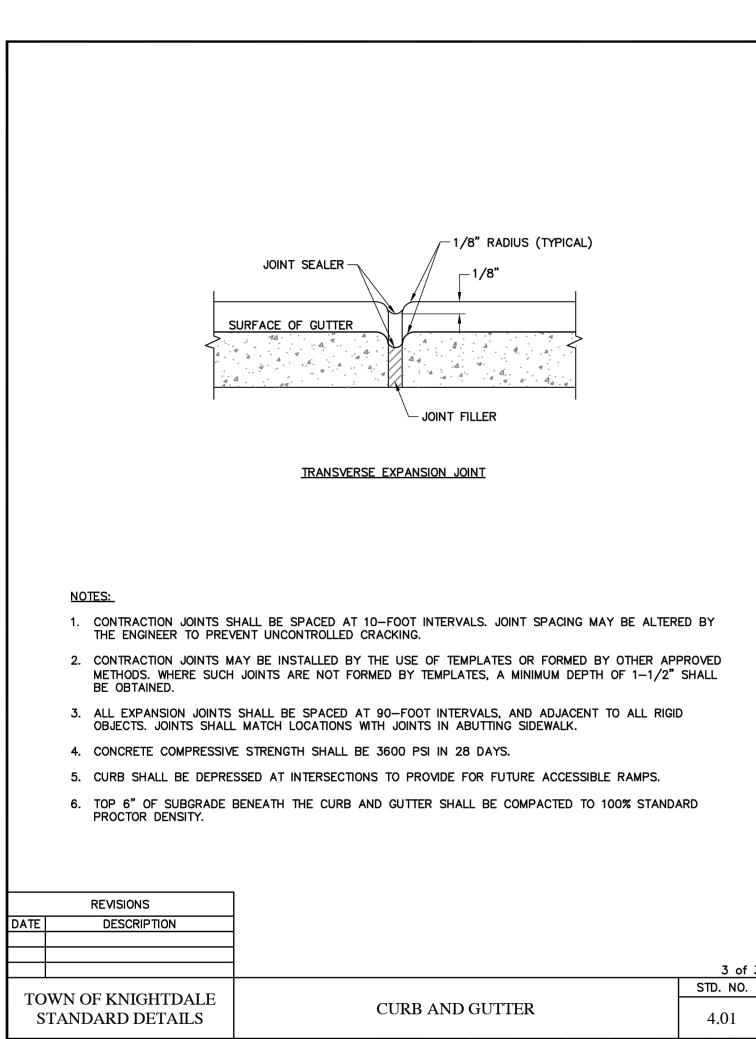
By: ______ Date: _____ Town Engineer

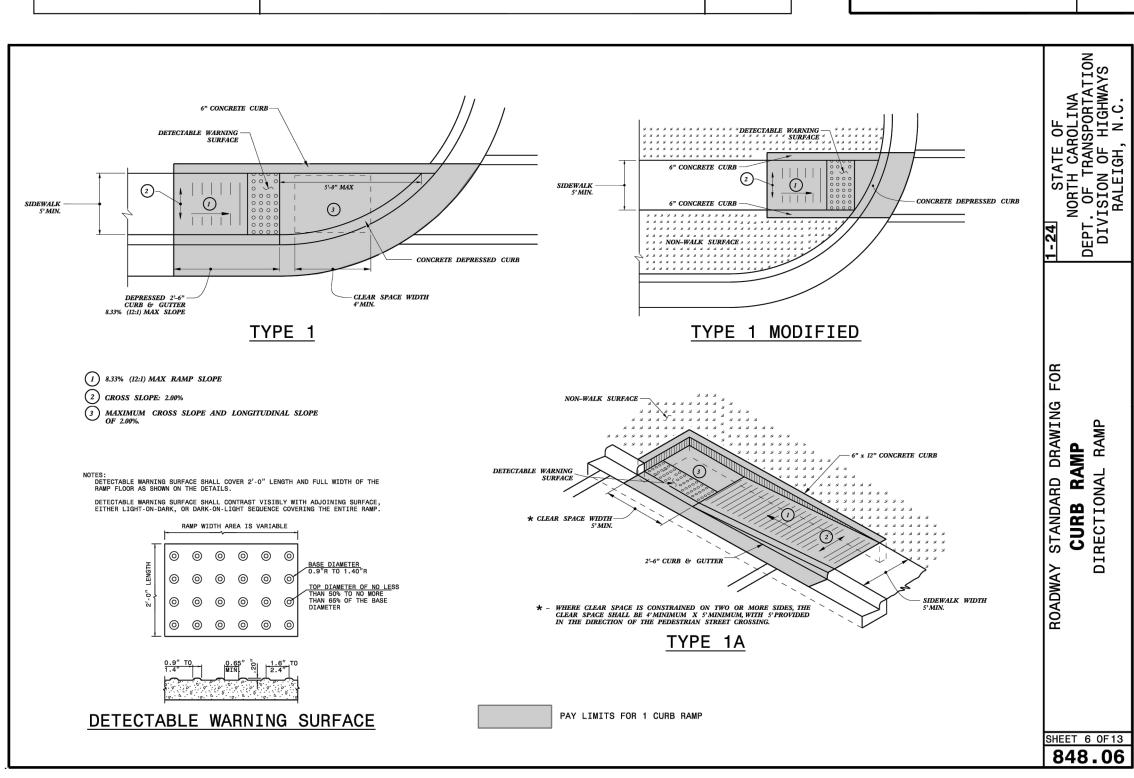
These plans are approved by the Town of Knightdale and serve as construction plans for this project.

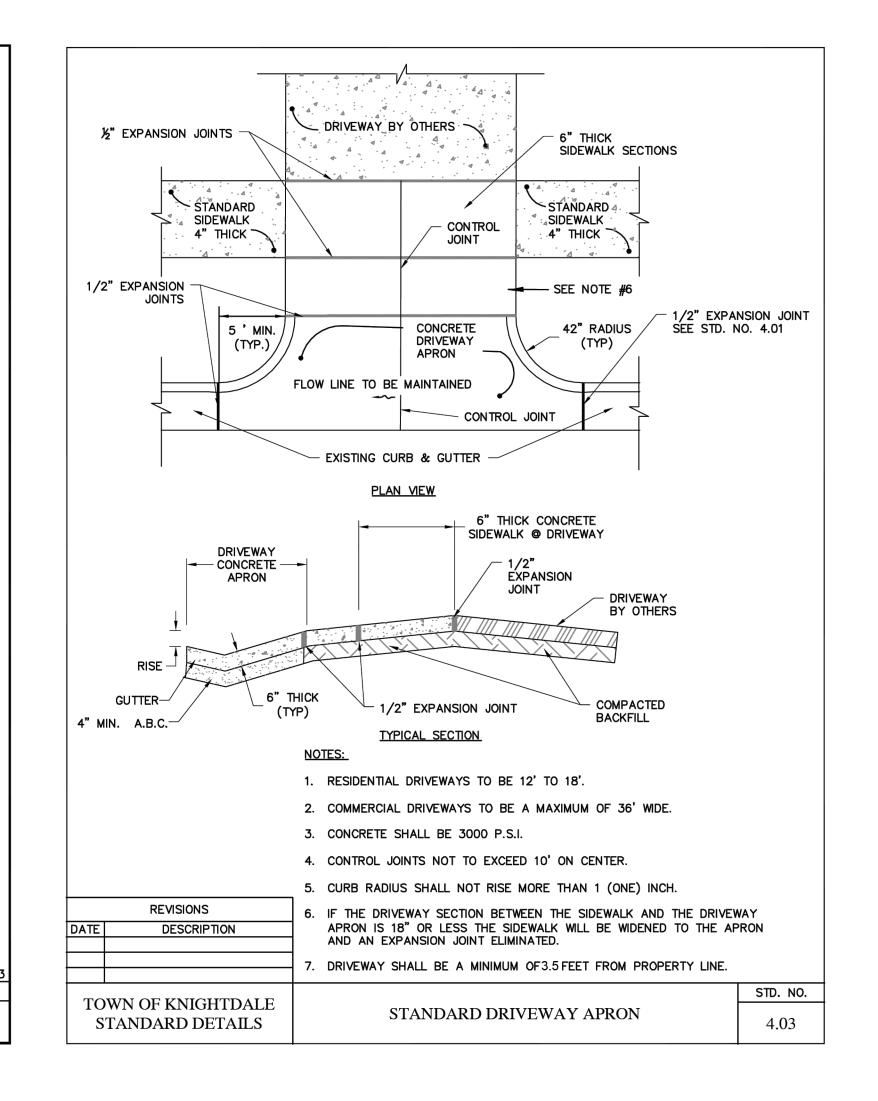
By: ______ Date: _____

PERMIT SET - NOT RELEASED FOR CONSTRUCTION











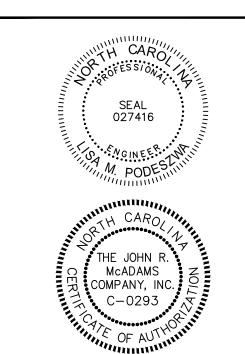
The John R. McAdams Company, Inc. 2905 Meridian Parkway Durham, NC 27713

phone 919. 361. 5000 fax 919. 361. 2269 license number: C-0293, C-187

www.mcadamsco.com



NOWNTOWN NORTH AT KNIGHTDALE STATION PHASE 1A



REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO. FILENAME

CHECKED BY LMP
DRAWN BY MJM
SCALE N/A

DRAWN BY MJM

SCALE N/A

DATE 07-11-2024

SHEET

ROADWAY DETAILS

C10.02

Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

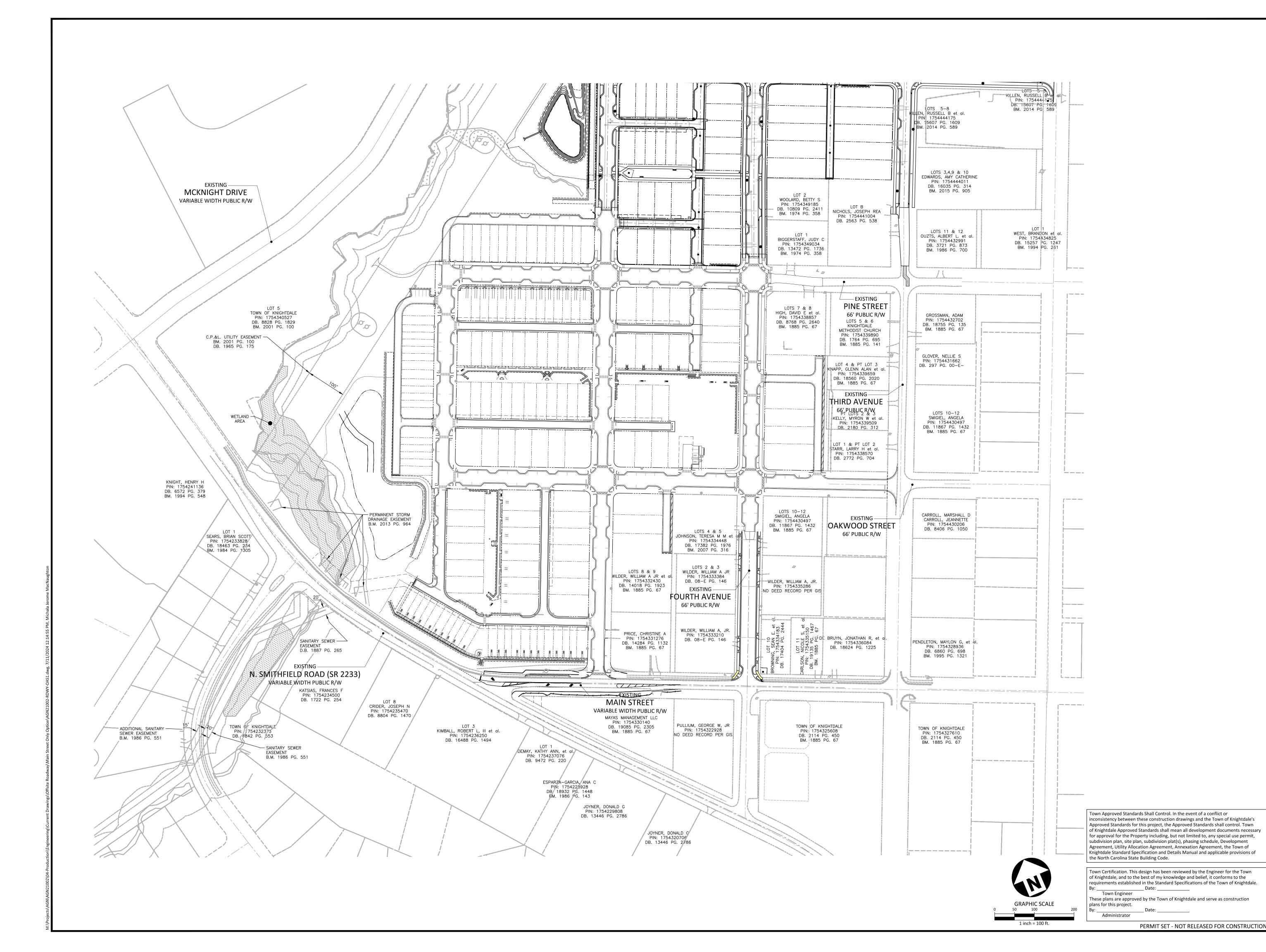
Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: ______ Date: _____

Town Engineer

Town Engineer
These plans are approved by the Town of Knightdale and serve as construction plans for this project.

PERMIT SET - NOT RELEASED FOR CONSTRUCTION





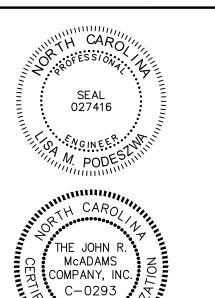
The John R. McAdams Company, Inc. 2905 Meridian Parkway Durham, NC 27713

phone 919. 361. 5000 fax 919. 361. 2269 license number: C-0293, C-187

www.mcadamsco.com



DOWNTOWN NORTH AT KNIGHTDALE STATION SFFSITE ROADWAY PLAI PHASE 1A



REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO. FILENAME

FILENAME
CHECKED BY LMP
DRAWN BY MJM

DRAWN BY MJM

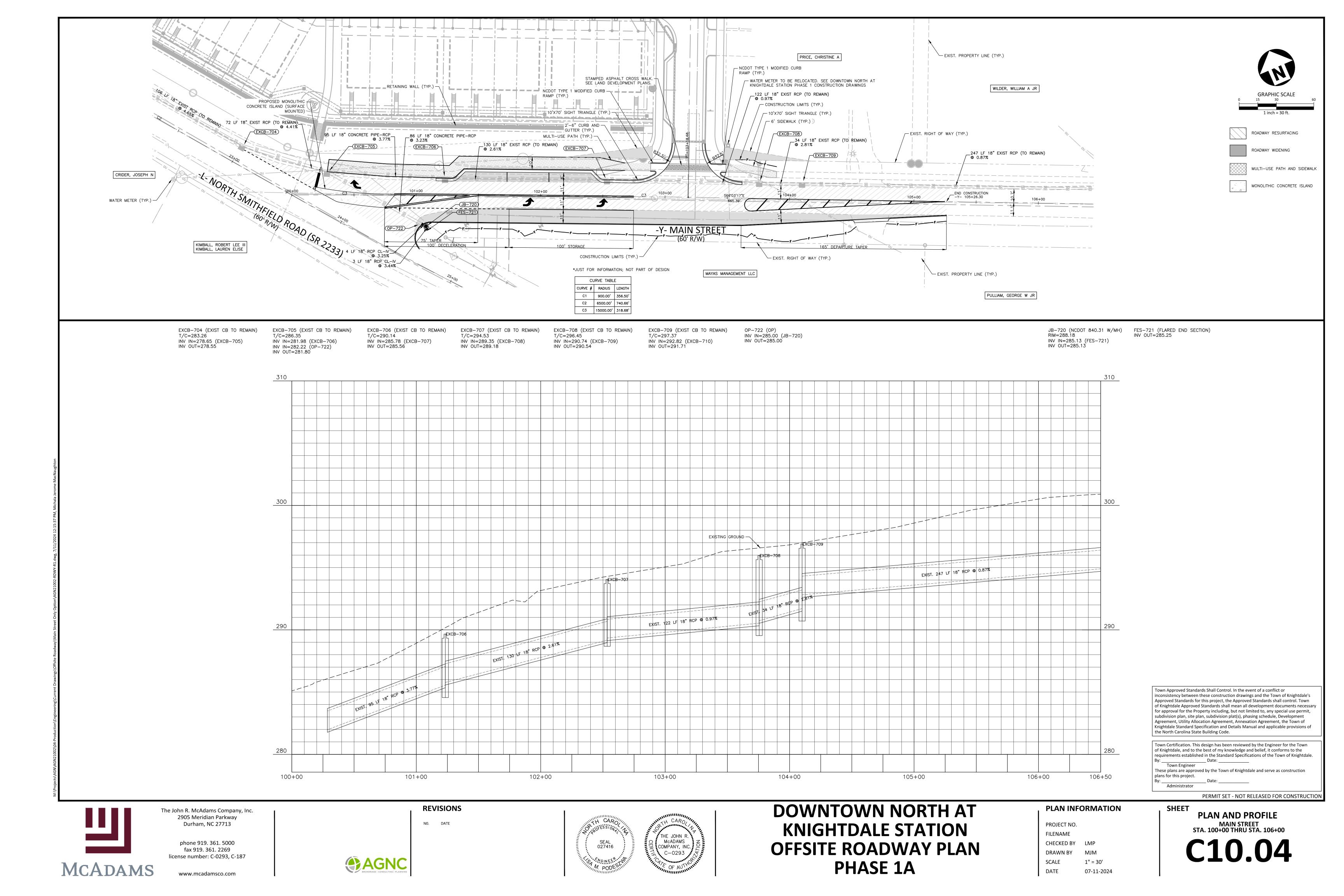
SCALE 1" = 100'

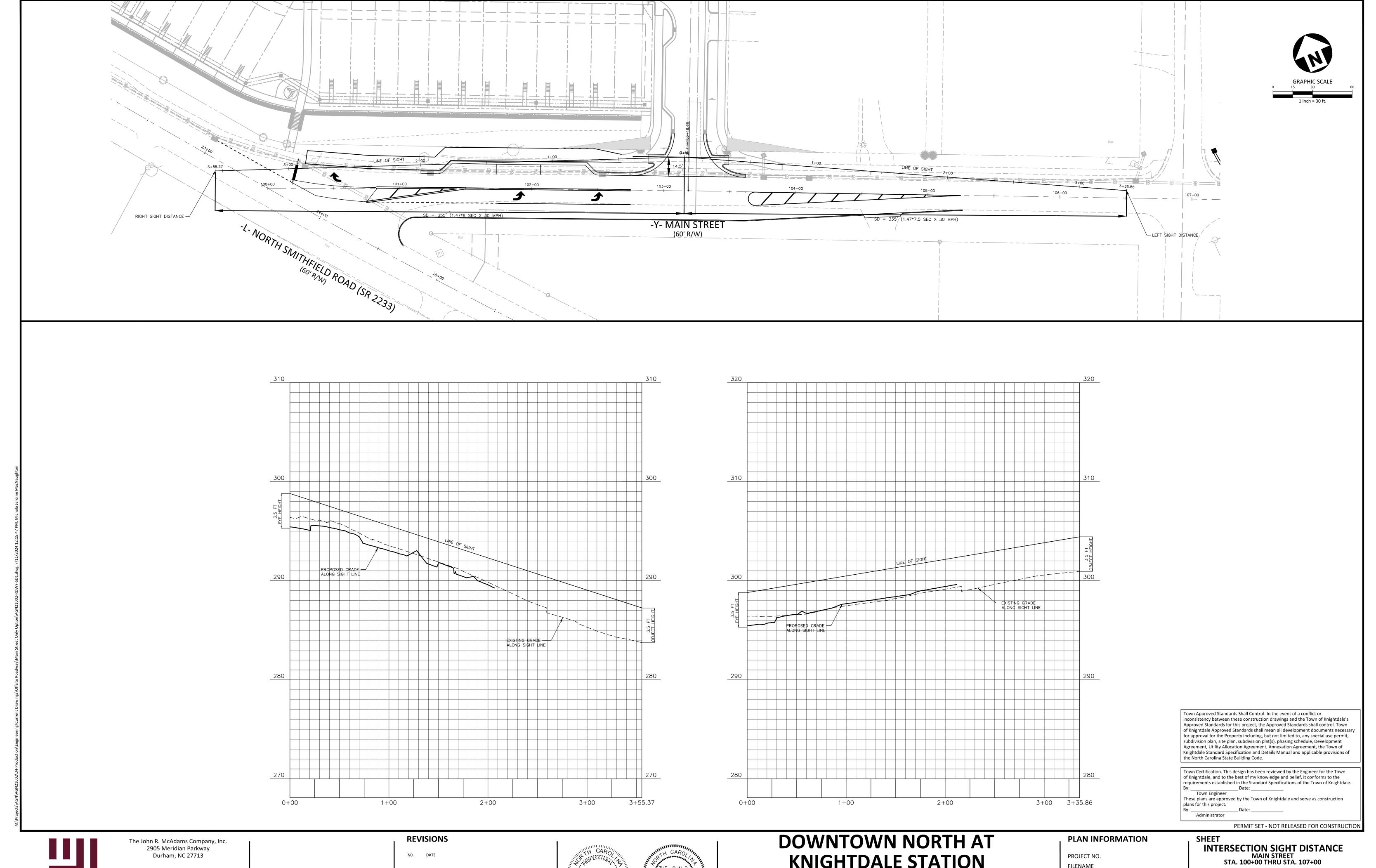
DATE 07-11-2024

SHEET

OVERALL SITE PLAN

C10.03



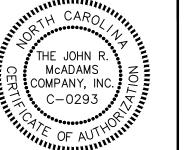


McAdams

phone 919. 361. 5000 fax 919. 361. 2269 license number: C-0293, C-187

www.mcadamsco.com

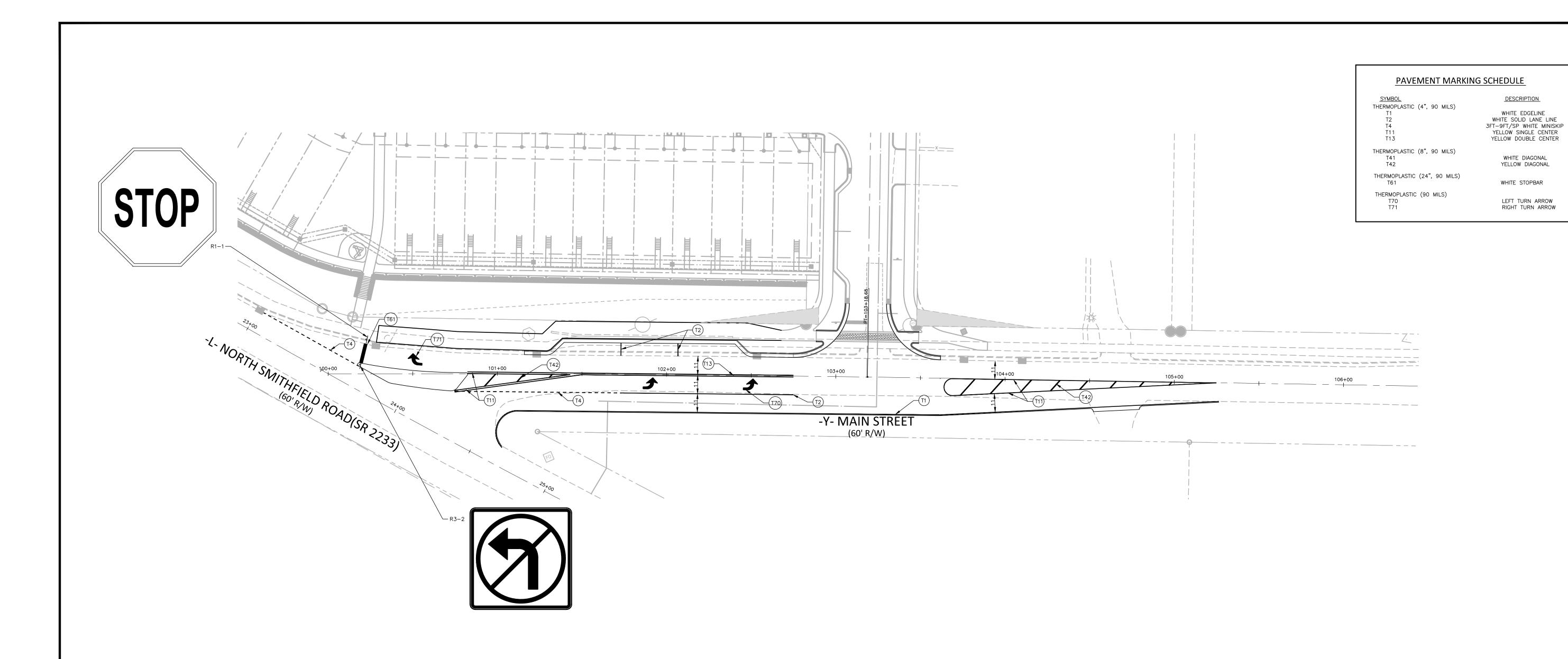


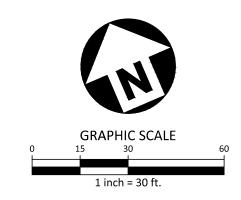


KNIGHTDALE STATION OFFSITE ROADWAY PLAN PHASE 1A

FILENAME CHECKED BY LMP DRAWN BY MJM SCALE 1" = 30' DATE 07-11-2024

C10.05





Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: _______ Date: ______

By: _____ Date: ____ Town Engineer
These plans are approved by the Town of Knightdale and serve as construction plans for this project.

PERMIT SET - NOT RELEASED FOR CONSTRUCTION



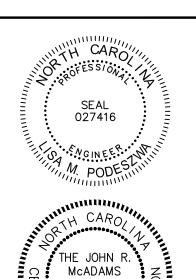
The John R. McAdams Company, Inc. 2905 Meridian Parkway Durham, NC 27713

phone 919. 361. 5000 fax 919. 361. 2269 license number: C-0293, C-187

www.mcadamsco.com



DOWNTOWN NORTH A KNIGHTDALE STATION JFFSITE ROADWAY PLA PHASE 1A



REVISIONS

PLAN INFORMATION

PROJECT NO.
FILENAME
CHECKED BY

NO. DATE

CHECKED BY LMP
DRAWN BY MJM

DRAWN BY MJM

SCALE 1" = 30'

DATE 07-11-2024

SHEET

PAVEMENT MARKINGS
AND SIGNAGE
MAIN STREET
STA. 100+00 THRU STA. 106+50

C10.06

TRAFFIC NOTES

ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST MUTCD AND 2024 NCDOT STANDARDS

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME

DAY AND TIME RESTRICTIONS

MONDAY THROUGH FRIDAY

MAIN STREET

FROM 6AM TO 9AM AND FROM 4PM TO 7PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME

DAY AND TIME RESTRICTIONS
ANYTIME

MAIN STREET

HOLIDAY

- 1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- 2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6AM DECEMBER 31ST TO 6PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 9PM THE FOLLOWING TUESDAY.
- 3. FOR EASTER. BETWEEN THE HOURS OF 6AM THURSDAY AND 9PM MONDAY.
- 4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6AM FRIDAY AND 9PM TUESDAY.
- 5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6AM THE DAY BEFORE INDEPENDENCE DAY AND 9PM THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 9PM THE TUESDAY AFTER INDEPENDENCE DAY.

- 6. FOR LABOR DAY, BETWEEN THE HOURS OF 6AM FRIDAY AND 9PM TUESDAY.
- 7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6AM TUESDAY AND 9PM MONDAY.
- 8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 9PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- C) DO NOT CLOSE ROADS AS FOLLOWS:

DAY AND TIME RESTRICTIONS

ROAD NAME DAY AND TIME RES ANYTIME

MAIN STREET

MAIN STREET

D) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME DAY AND TIME RESTRICTIONS

MONDAY THROUGH FRIDAY

MONDAY THROUGH FRIDAY FROM 6AM TO 9AM AND FROM 4PM TO 7PM

E) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- F) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER AND GUARDRAIL.
- I) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- J) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

PAVEMENT EDGE DROP OFF REQUIREMENTS

K) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPEN TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP—OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

L) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 500 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

M) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

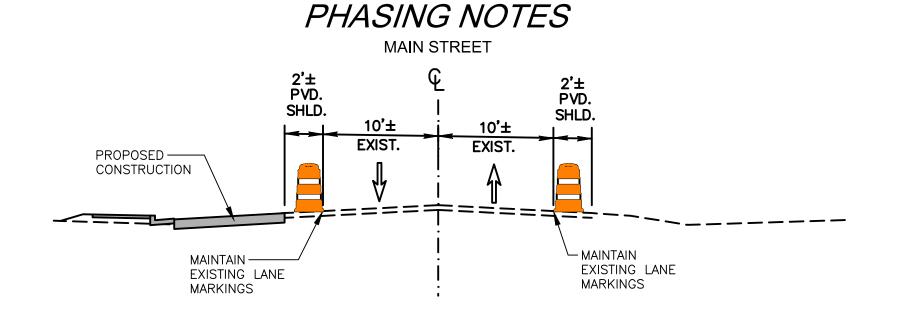
- N) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- O) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- P) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY ENGINEER.

TRAFFIC CONTROL DEVICES

- Q) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEED THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.
- R) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF THE TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

MISCELLANEOUS

- S) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- T) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 350 FT AND 350 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- U) ALL CURB RAMP LOCATION SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.
- V) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.)



PHASE 1 CONSTRUCTION

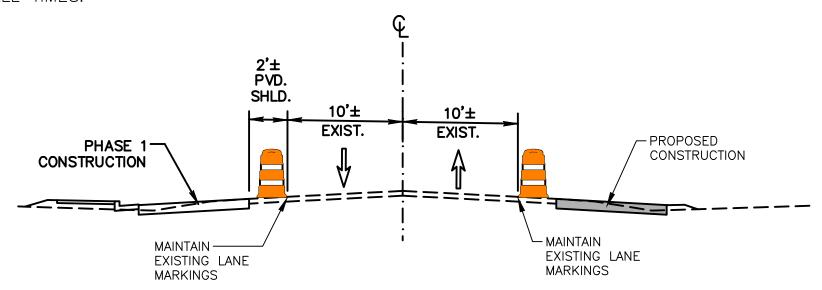
PHASE I:

STEP 1:
PRIOR TO BEGINNING WORK, INSTALL ADVANCED WARNING SIGNS PER NCDOT STANDARD DRAWING.
1101.01. COMPLETE EACH PHASE AND ADJUST SIGNING, AS REQUIRED, PRIOR TO MOVING TO
NEXT PHASE.

STEP 2:

WHILE MAINTAINING EXISTING TRAFFIC IN BOTH DIRECTIONS AND USING NCDOT STANDARD DRAWING 1101.04 TO CLOSE SHOULDER AND/OR NCDOT STANDARD DRAWING 1101.02 TO CLOSE LANES AS SHOWN ON PLAN SHEETS, CONSTRUCT IMPROVEMENTS ON THE EAST (LEFT) SIDE OF MAIN STREET INCLUDING PAVEMENT WIDENING (UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE AND DRAINAGE.

AS NECESSARY, USING NCDOT STANDARD DRAWING 1101.02, SHEET 1 OF 14, UNDER FLAGGER CONTROL, INSTALL DRAINAGE CROSSINGS WHILE MAINTAINING AT LEAST ONE TRAVEL LANE AT ALL TIMES.



PHASE 2 CONSTRUCTION

PHASE II:

ADJUST ADVANCED WARNING SIGNS PER NCDOT STANDARD DRAWING 1101.01 AND AS INDICATED ON PLAN SHEETS.

STEP 2:

WHILE MAINTAINING EXISTING TRAFFIC IN BOTH DIRECTIONS AND USING NCDOT STANDARD DRAWING 1101.04 TO CLOSE SHOULDER AND/OR NCDOT STANDARD DRAWING 1101.02 TO CLOSE LANES AS SHOWN ON PLAN SHEETS, CONSTRUCT IMPROVEMENTS ON THE WEST (RIGHT) SIDE OF MAIN STREET INCLUDING PAVEMENT WIDENING (UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE) AND DRAINAGE.

PHASE III:

STEP 1:

UPON COMPLETION OF CONSTRUCTION WORK IN PHASE II, USING NCDOT STANDARD DRAWING 1101.02 FOR TEMPORARY LANE CLOSURES AND USING NCDOT STANDARD DRAWING 1101.02, SHEET 1 OF 14, UNDER FLAGGER CONTROL AS NECESSARY, PLACE FINAL SURFACE COURSE ON MAIN STREET.

STEP 2:

INSTALL FINAL PAVEMENT MARKINGS AS SHOWN ON PAVEMENT MARKING PLANS. REMOVE ALL TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNAGE.

PLAN INFORMATION

THE JOHN R.
McADAMS
COMPANY, INC

The John R. McAdams Company, Inc

2905 Meridian Parkway

Durham, NC 27713

phone 919. 361. 5000

fax 919. 361. 2269

license number: C-0293, C-187

www.mcadamsco.com

RA,

PROJECT NO.

FILENAME

CHECKED BY LMP

REVISIONS

NO. DATE

DRAWN BY MJM SCALE N/A

SHEET

DATE

TRAFFIC CONTROL NOTES
AND PHASING

C10.07

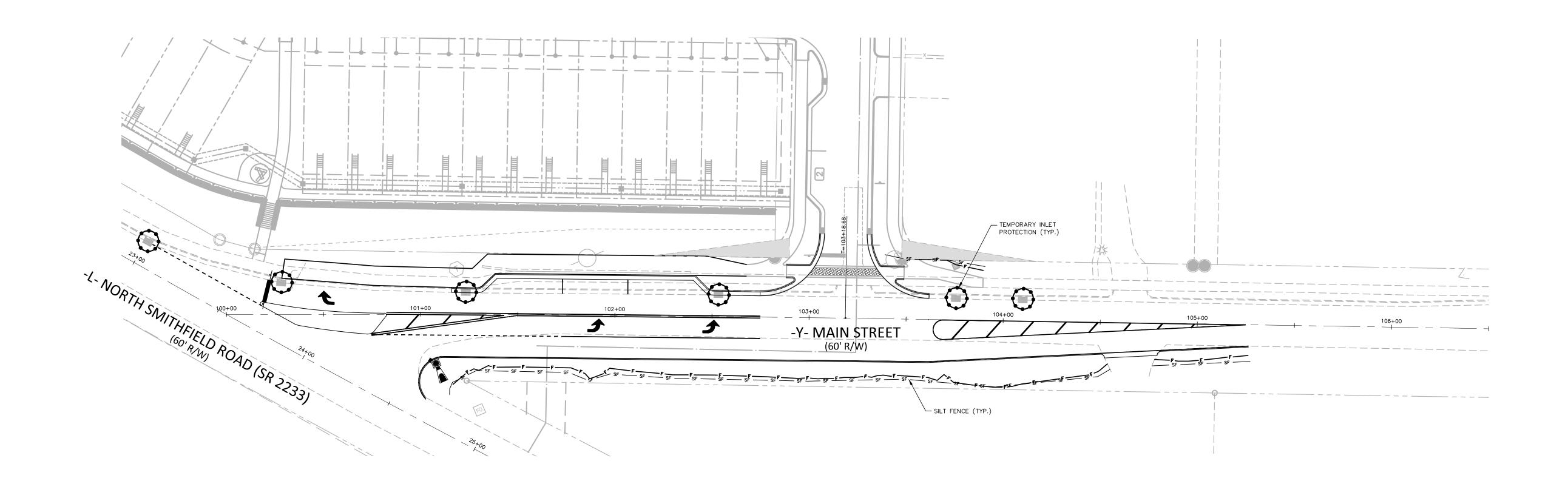
07-11-2024

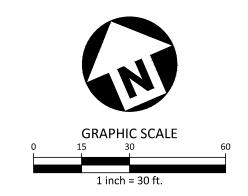
Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

Administrator

These plans are approved by the Town of Knightdale and serve as construction plans for this project.

PERMIT SET - NOT RELEASED FOR CONSTRUCTION





Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: ______ Date: _____

Town Engineer

These plans are approved by the Town of Knightdale and serve as construction plans for this project.

PERMIT SET - NOT RELEASED FOR CONSTRUCTION

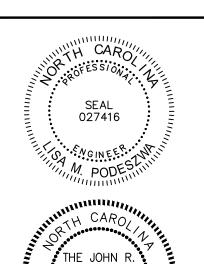


2905 Meridian Parkway Durham, NC 27713 phone 919. 361. 5000

fax 919. 361. 2269 license number: C-0293, C-187

www.mcadamsco.com





REVISIONS

NO. DATE

PLAN INFORMATION

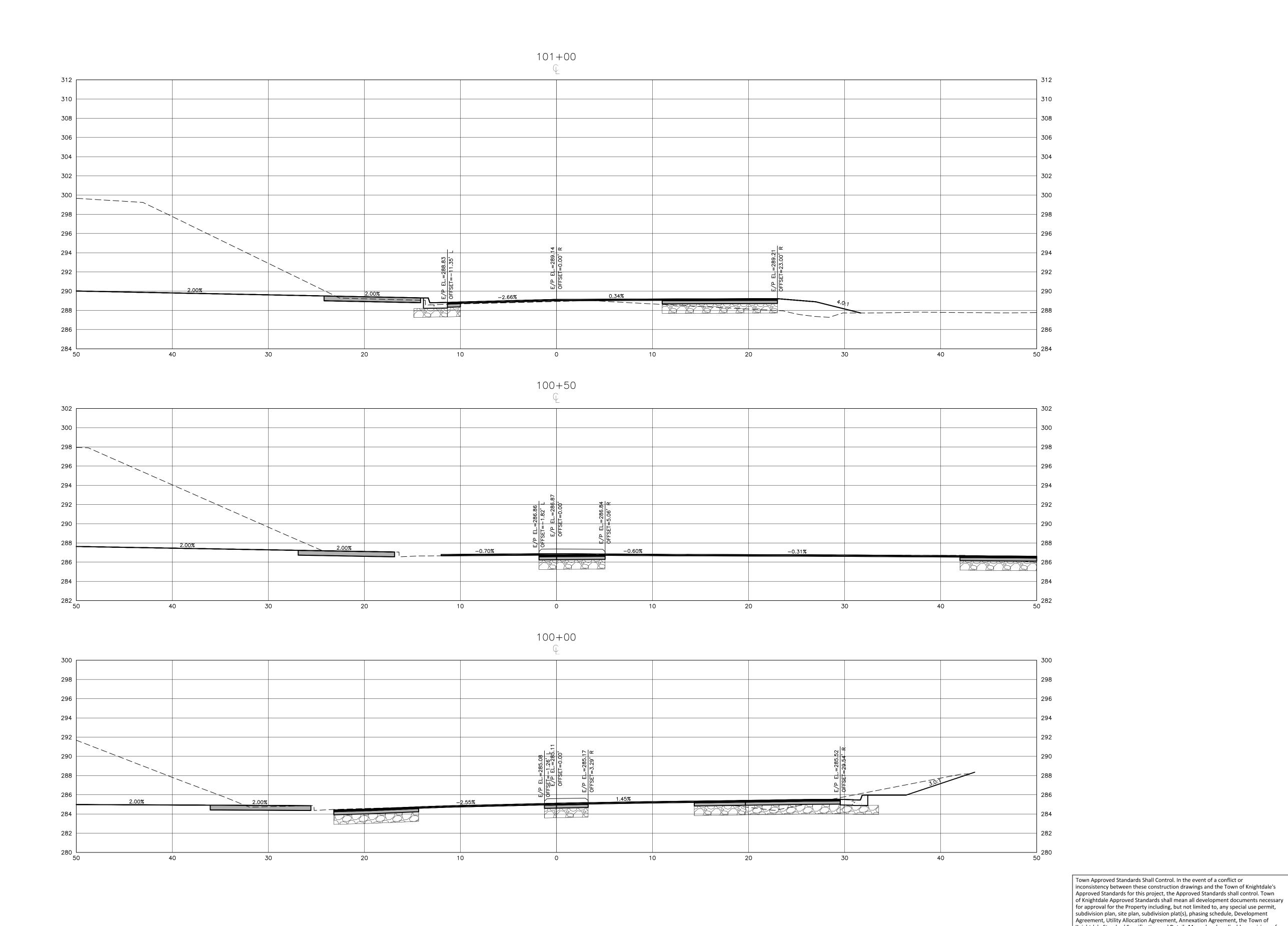
PROJECT NO. FILENAME

CHECKED BY LMP DRAWN BY MJM

SCALE 1" = 30' 07-11-2024 DATE

SHEET

EROSION CONTROL MAIN STREET STA. 100+00 THRU STA. 106+50 C10.08



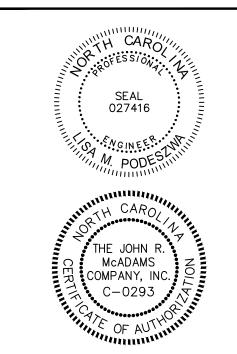


The John R. McAdams Company, Inc. 2905 Meridian Parkway Durham, NC 27713

license number: C-0293, C-187 www.mcadamsco.com

phone 919. 361. 5000 fax 919. 361. 2269





REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO. FILENAME

CHECKED BY LMP DRAWN BY MJM SCALE 1" = 5' 07-11-2024 DATE

SHEET

CROSS SECTIONS MAIN STREET STA. 100+00 THRU STA. 101+00

PERMIT SET - NOT RELEASED FOR CONSTRUCTION

Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

Town Certification. This design has been reviewed by the Engineer for the Town

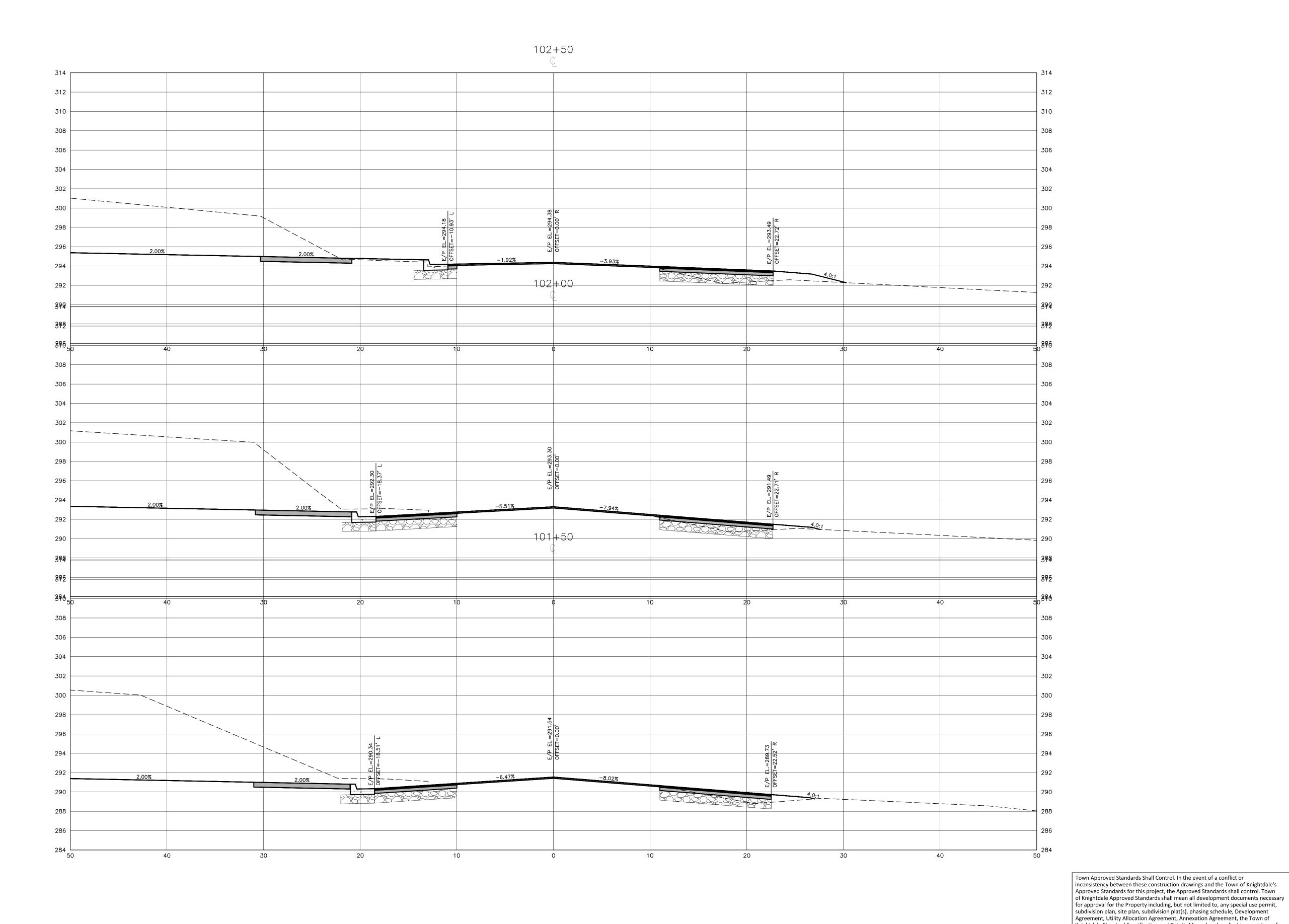
of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: ______ Date: _____

These plans are approved by the Town of Knightdale and serve as construction

By: ______ Town Engineer

plans for this project.





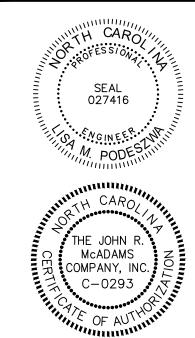
2905 Meridian Parkway Durham, NC 27713

license number: C-0293, C-187
www.mcadamsco.com

phone 919. 361. 5000 fax 919. 361. 2269



SOWNTOWN NORTH A KNIGHTDALE STATION SFESITE ROADWAY PLA PHASE 1A



REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO.
FILENAME
CHECKED BY

CHECKED BY LMP

DRAWN BY MJM

SCALE 1" = 5'

DATE 07-11-2024

SHEET

CROSS SECTIONS

MAIN STREET
STA. 101+50 THRU STA. 102+50

C10 10

PERMIT SET - NOT RELEASED FOR CONSTRUCTION

Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

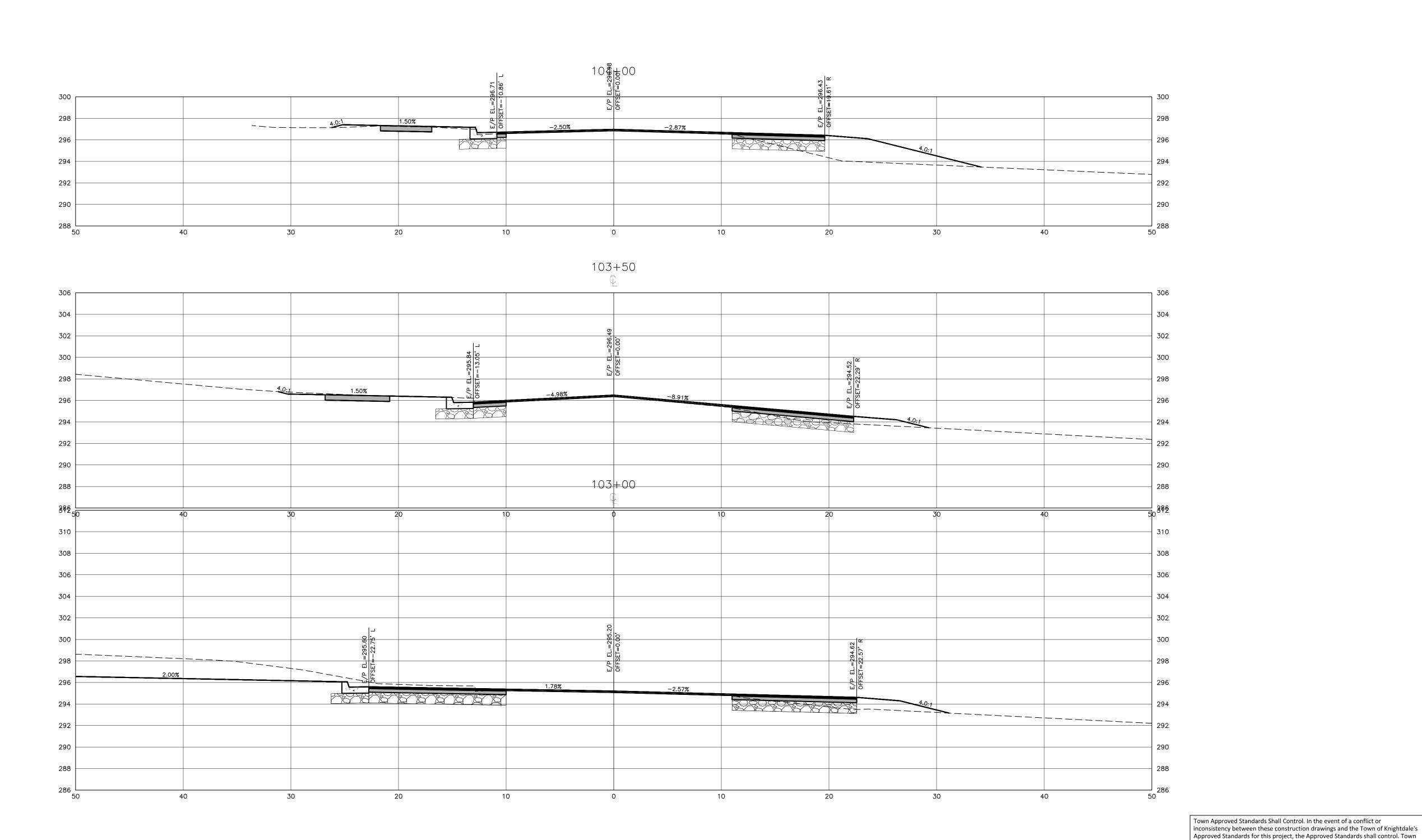
Town Certification. This design has been reviewed by the Engineer for the Town

These plans are approved by the Town of Knightdale and serve as construction

of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: ______ Town Engineer

plans for this project.



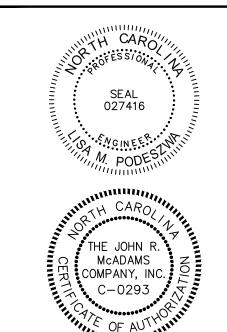


2905 Meridian Parkway Durham, NC 27713

phone 919. 361. 5000 fax 919. 361. 2269 license number: C-0293, C-187

www.mcadamsco.com





REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO. FILENAME

CHECKED BY LMP DRAWN BY MJM

SCALE 1" = 5' 07-11-2024 DATE

SHEET

of Knightdale Approved Standards shall mean all development documents necessary

for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of

Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

Town Certification. This design has been reviewed by the Engineer for the Town

These plans are approved by the Town of Knightdale and serve as construction

PERMIT SET - NOT RELEASED FOR CONSTRUCTION

of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

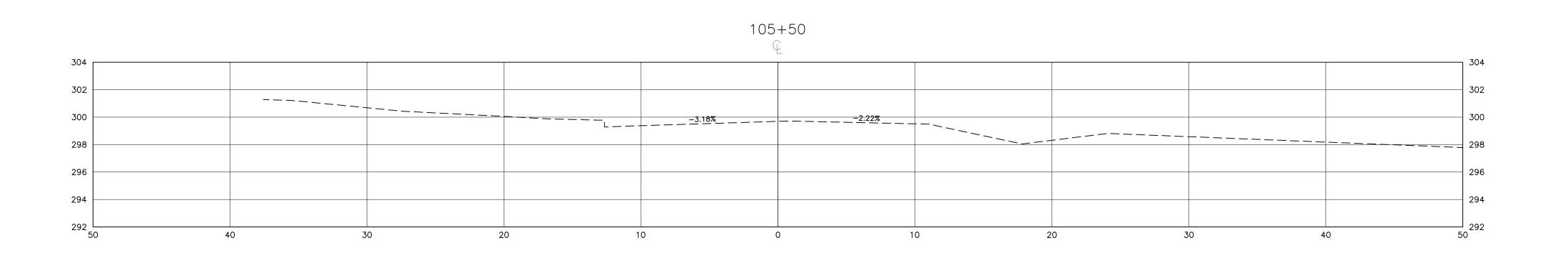
By: ______ Date: _____

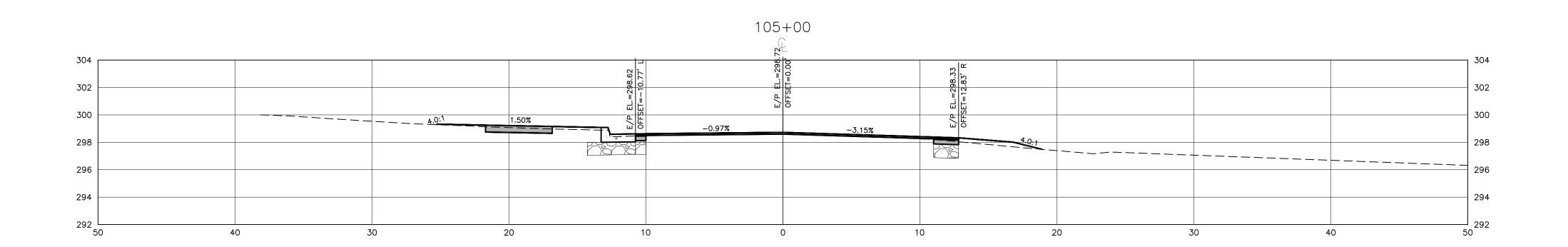
By: ______ Town Engineer

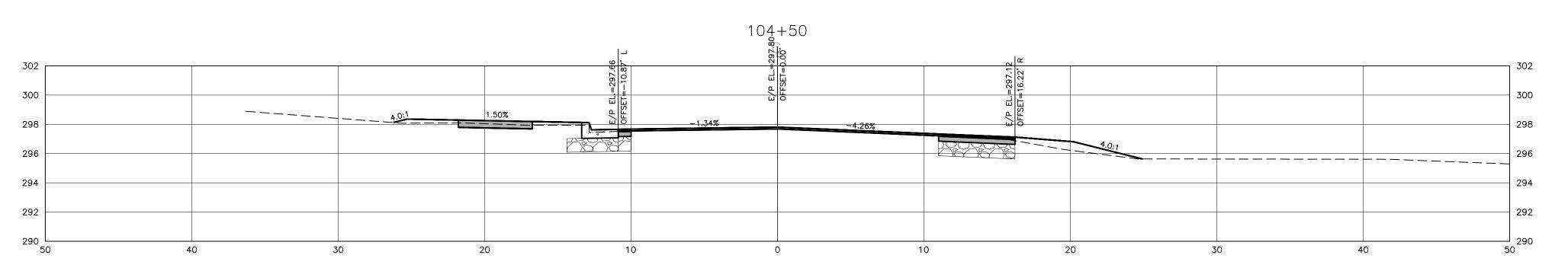
plans for this project.

CROSS SECTIONS

MAIN STREET STA. 103+00 THRU STA. 104+00







Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: ______ Date: ______

Town Engineer By: ______ Town Engineer

These plans are approved by the Town of Knightdale and serve as construction plans for this project.

PERMIT SET - NOT RELEASED FOR CONSTRUCTION

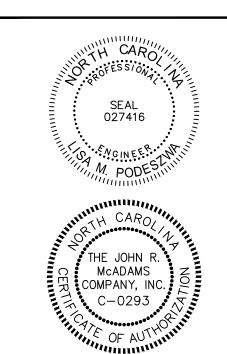


phone 919. 361. 5000 fax 919. 361. 2269 license number: C-0293, C-187

Durham, NC 27713

www.mcadamsco.com





REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO. FILENAME

CHECKED BY LMP DRAWN BY MJM

1" = 5' 07-11-2024 DATE

SHEET

CROSS SECTIONS MAIN STREET STA. 104+50 THRU STA. 105+50