BUILDING INSPECTIONS & PERMITS TOWN OF APEX CERTIFICATION

Department, and to the best of my knowledge and belief, conforms to the

from any requirements contained in any federal, state, or local code, law,

meets all the aforementioned requirements.

meets all the aforementioned requirements.

meets all the aforementioned requirements.

meets all the aforementioned requirements

requirements established within the Town's Code of Ordinances and the North Carolina State Building Codes. However, this signature does not constitute a variance

specification, rule or ordinance. It is the sole responsibility of the owner/developer

This drawing has been reviewed by the Town of Apex Electric Department, and to the

best of my knowledge and belief, conforms to the requirements established in the Standard Specifications and Construction Details and the Unified Development Ordinance of the Town of Apex. However, this signature does not constitute a variance from any requirements contained in any federal, state, or local code, law,

specification, rule or ordinance. It is the sole responsibility of the owner/developer

FIRE DEPARTMENT TOWN OF APEX CERTIFICATION

best of my knowledge and belief, conforms to the requirements established within the Town's Standard Specifications, Fire Protection Ordinances, and the North

variance from any requirements contained in any federal, state, or local code, law, specification, rule or ordinance. It is the sole responsibility of the owner/developed

or any of his agents or contract professionals to ensure that this construction plan

These plans have been reviewed by the Town of Apex, and to the best of my

knowledge and belief, conform to representations made by the developer to myself

with the projects requirements for public Parks and Recreation, either in total or in part, as outlined in the Town of Apex Unified Development Ordinance and Town of

and the Parks, Recreation, and Cultural Resource Advisory Commission consistent

Apex Code of Ordinances. However, this signature does not constitute a variance from any requirements contained in any federal, state, or local code, law. specification, rule or ordinance. It is the sole responsibility of the owner/developer

or any of his agents or contract professionals to ensure that this construction plan

PLANNING/ZONING TOWN OF APEX CERTIFICATION

Subdivision or Site Plan that was approved by the Town of Apex Town Council or

of Apex Unified Development Ordinance. This signature does not constitute a

Technical Review Committee, as appropriate, and meets the standards of the Town

variance from any requirements of the originally approved Subdivision or Site Plan

cited above, or any federal, state, or local code, law, specification, rule, guideline, or

ordinance. It is the sole responsibility of the owner/developer, or any of his agents or

This construction drawing has been reviewed by the Town of Apex Planning

Department, and to the best of my knowledge and belief, conforms to the

contract professionals to ensure that this construction plan meets all the

tgumpright 10/02/2023 3:47:55 PM

Carolina International Fire Code. However, this signature does not constitute a

or any of his agents or contract professionals to ensure that this construction plan

or any of his agents or contract professionals to ensure that this construction plan

WAKE COUNTY NORTH CAROLINA

GoAPEX ROUTE 1 BUS STOP IMPROVEMENTS



BOARD OF COMMISSIONERS





FINAL DRAWING

REVISIONS

APPROVED EXCEPTIONS

The following items have been approved as exceptions for this drawing by the Town of Apex Department Director(s), and to the best of my knowledge and belief, this drawing conforms to the requirements established by the Director(s) allowing deviation from the Standard Specifications and Standard Details of the Town of Apex. The signature below represents that the requesting Engineer has been granted a variance ONLY for the items listed. The developer/engineer/contractor is solely responsible for meeting all applicable requirements.

DIRECTOR GRANTING EXCEPTION
4/28/23

Requesting Enginee

PUBLIC INFRASTRUCTURE TABLE

STORM DRAIN (24") - 164 LF

STORM DRAIN (18") - 414 LF

STORM DRAIN (15") - 22 LF

SIDEWALK (5') - 873 LF

CURB & GUTTER (2.5') - 642 LF

VILLAGE

Standard Specifications & Standard Details Version: February 28, 2023

COVER SHEET

C-2.1

C-3.0

C-4.0

C-5.0

C-5.1

C-7.3

C-7.4

NOTES & LEGEND

JAMES STREET AT E. WILLIAMS STREET BUS STOPS

SIDEWALK LAYOUT PLAN

PAVEMENT MARKING PLAN

SITE PLAN: BUS STOPS #21

SITE PLAN: BUS STOPS #35

CROSS SECTIONS

CROSS SECTIONS 2

CROSS SECTIONS 3

DETAILS CONTINUED

DETAILS CONTINUED

EROSION CONTROL DETAILS

TRAFFIC CONTROL DETAILS

EROSION PLAN

DETAILS

SITE PLAN: BUS STOPS #28, #32

EXISTING CONDITIONS & DEMOLITION PLAN

SIDEWALK GRADING & DRAINAGE PLAN

SIDEWALK GRADING & DRAINAGE PLAN 2

FOR CONSTRUCTION

SEPTEMBER 2023

NORTH CAROLINA

CHAIR: SHINICA THOMAS VICE CHAIR: SUSAN EVANS COUNTY MANAGER: DAVID ELLIS DON MIAL MATT CALABRIA CHERYL STALLINGS JAMES WEST VICKIE ADAMSON



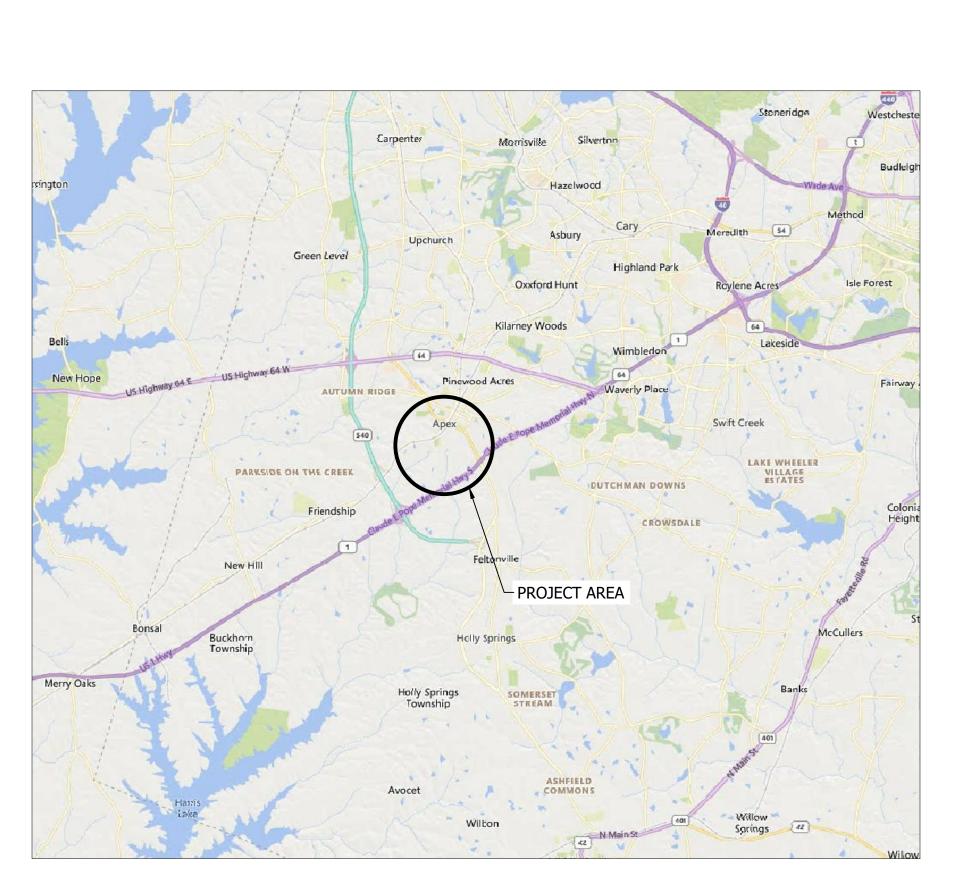
License Number : F-0115



Clairmont HITE OAK VILLAGE Cooke St. MES STREET STATION **BUS STOP #36/SIDEWALK** Apex Elementary BUS STOP #28 BROADSTONE

PROJECT AREA MAP NOT TO SCALE

C - 0.01



NSPORTATION & INFRASTRUCTURE DEVELOPMEN TRANSPORTATION ENGINEERING

TOWN OF APEX CERTIFICATION

Infrastructure Development Department, and to the best of my knowledge and

belief, provides an acceptable transportation system with consideration for the

established in the Standard Specifications & Standard Details and the Unified

code, law, specification, rule or ordinance. It is the sole responsibility of the

rdalton 10/02/2023 5:10:09 PM

his drawing has been reviewed by the Town of Apex, and to the best of my

knowledge and belief, conforms to the requirements established in the Soil Erosion and Sedimentation Control Ordinance of the Town of Apex. However, this signature does not constitute a variance from any requirements contained in any federal, state. or local code, law, specification, rule or ordinance. It is the sole responsibility of the owner/developer, or any of his agents or contract professionals to ensure that this

construction plan meets all the aforementioned requirements. This signature does

rpatterson 10/02/2023 12:46:40 PM

WATER RESOURCES STORMWATER ENGINEERING

TOWN OF APEX CERTIFICATION

Utility Engineering Division and to the best of my knowledge and belief, conforms to the requirements established in the Standard Specifications and Standard Details and

the Unified Development Ordinance of the Town of Apex. However, this signature

does not constitute a variance from any requirements contained in any federal, state, or local code, law, specification, rule or ordinance. It is the sole responsibility of the owner/developer, or any of his agents or contract professionals to ensure that this

construction plan meets all the aforementioned requirements. This signature serves

WATER RESOURCES UTILITY ENGINEERING

and to the best of my knowledge and belief, conforms to the requirements

TOWN OF APEX CERTIFICATION

stablished in the Standard Specifications and Standard Details of the Town of Apex owever, this signature does not constitute a variance from any requirements ontained in any federal, state, or local code, law, specification, rule or ordinance. It

is the sole responsibility of the owner/developer, or any of his agents or contract professionals to ensure that this construction plan meets all the aforementioned

idillon 10/05/2023 2:57:39 PM

not constitute plan approval, only plan requirements. A separate letter of plan approval will be mailed to the financially responsible person at a later date

according to the construction sequence.

as the stormwater permit for this project.

construction plan meets all the aforementioned requirements.

elements contained within the Transportation Plan conforming to the requirements

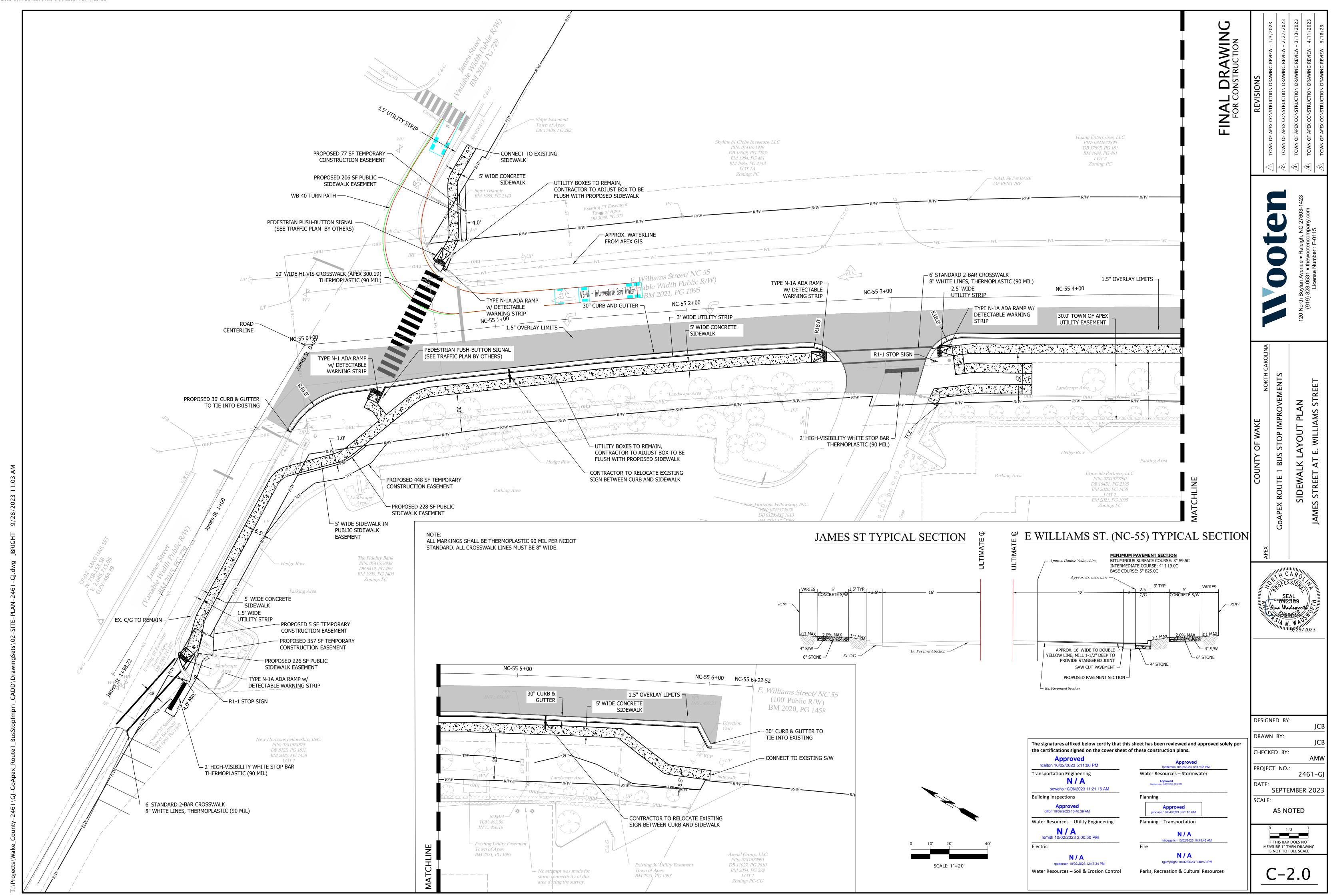
Development Ordinance of the Town of Apex. However, this signature does not

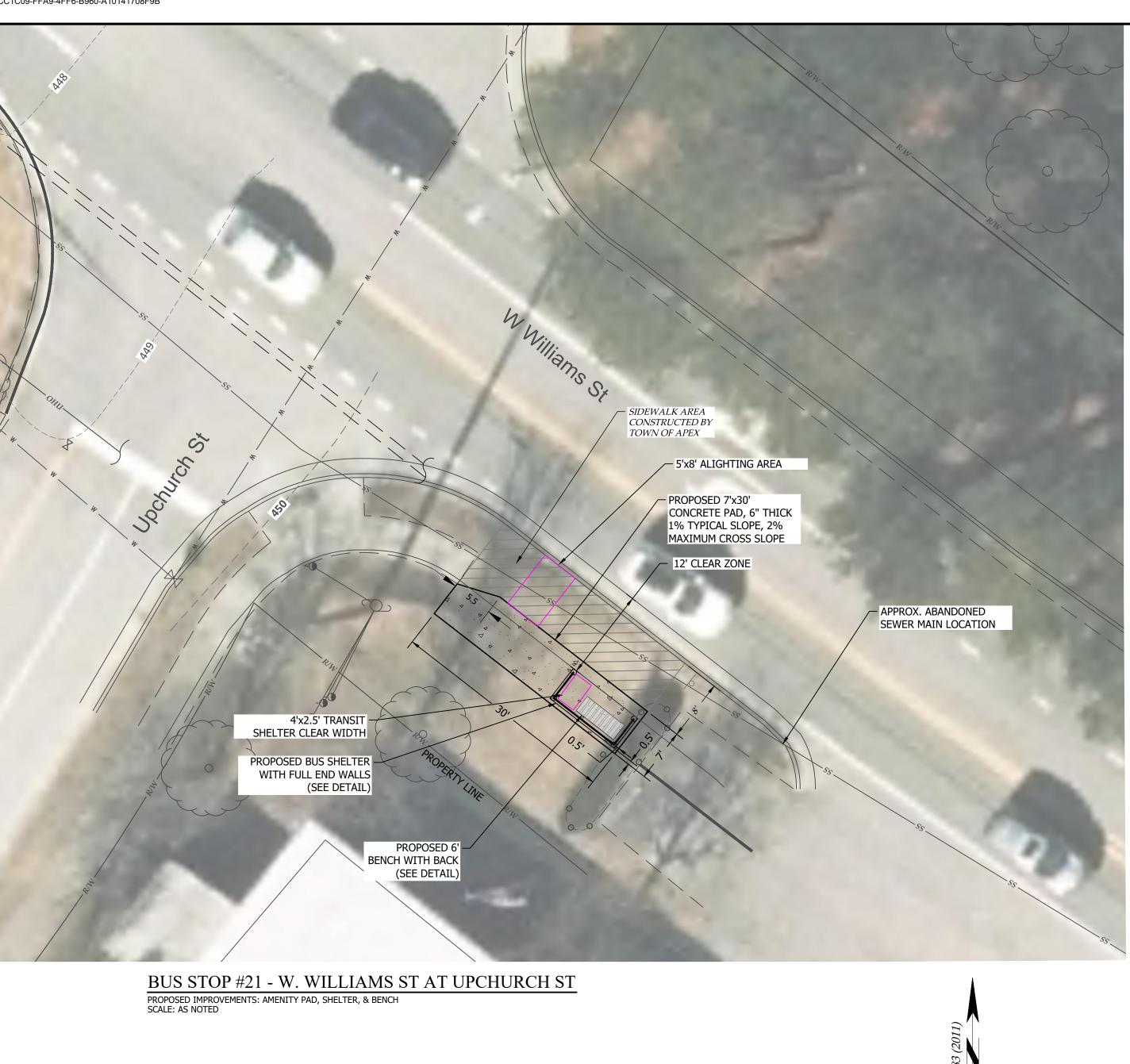
owner/developer, or any of his agents or contract professionals to ensure that this

TOWN OF APEX CERTIFICATION

constitute a variance from any requirements contained in any federal, state, or local

VICINITY MAP NOT TO SCALE





SIGHT DISTANCE CALCULATION PER AASHTO GREEN BOOK, CHAPTER 9 9.5 SIGHT DISTANCE

ROAD, MINOR = UPCHURCH ST POSTED SPEED = 45 MPH DESIGN SPEED, V = 50 MPH DRIVER HEIGHT 3.5'

DRIVER SETBACK = 14.5' FROM EDGE OF TRAVEL LANE

CASE B2 = LEFT TURN FROM MINOR STREET, TG=7.5

SIGHT DISTANCE = 1.47*V*TG

CASE B1= 551.25 FT

DESIGN DISTANCE = 555 FT







TOWN OF APEX CONSTRUCTION DRAWING REVIEW – 1/3/203
TOWN OF APEX CONSTRUCTION DRAWING REVIEW – 2/27/20
TOWN OF APEX CONSTRUCTION DRAWING REVIEW – 3/13/20
TOWN OF APEX CONSTRUCTION DRAWING REVIEW – 4/11/20
TOWN OF APEX CONSTRUCTION DRAWING REVIEW – 5/18/23

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GOAPEX ROUTE 1 BUS STOP IMPROVEMENTS

SITE PLAN

BUS STOPS 21

DESIGNED BY:

JCB

DRAWN BY:

JCB

CHECKED BY:

AMW

PROJECT NO.:

2461-GJ

DATE:

SEPTEMBER 2023

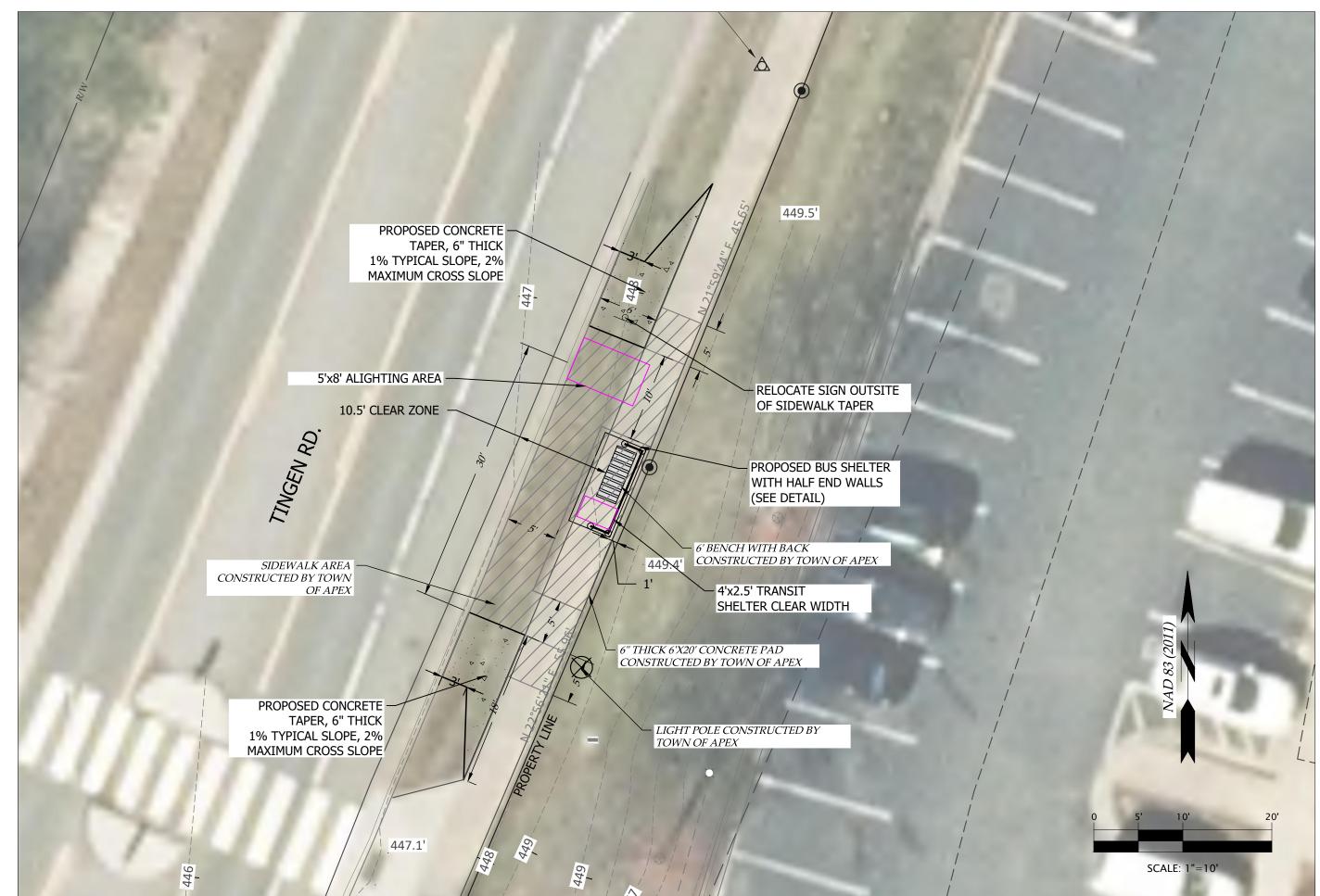
SCALE:

AS NOTED

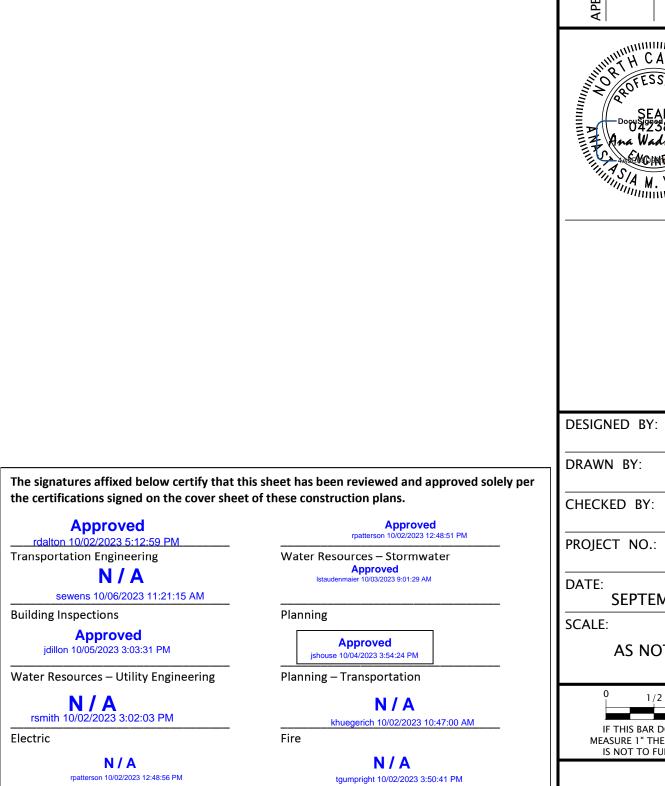
IF THIS BAR DOES NOT
MEASURE 1" THEN DRAWING
IS NOT TO FULL SCALE

C-4.0

BUS STOP #28 - CAMBRIDGE VILLAGE LOOP AT APEX PEAKWAY PROPOSED IMPROVEMENTS: SHELTER SCALE: AS NOTED



BUS STOP #32 - TINGEN RD AT PEACE HAVEN PL PROPOSED IMPROVEMENTS: SHELTER SCALE: AS NOTED



the certifications signed on the cover sheet of these construction plans.

Planning

N/A

Parks, Recreation & Cultural Resources

Transportation Engineering

Approved jdillon 10/05/2023 3:03:31 PM

N/A rsmith 10/02/2023 3:02:03 PM

Water Resources – Utility Engineering

rpatterson 10/02/2023 12:48:56 PM

Water Resources – Soil & Erosion Control

Building Inspections

Electric

N/A sewens 10/06/2023 11:21:15 AM FINAL DRAWING FOR CONSTRUCTION

BUS STOP IMP

DRAWN BY: CHECKED BY: PROJECT NO.: 2461-G SEPTEMBER 2023 SCALE: AS NOTED 0 1/2

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

C-4.1

