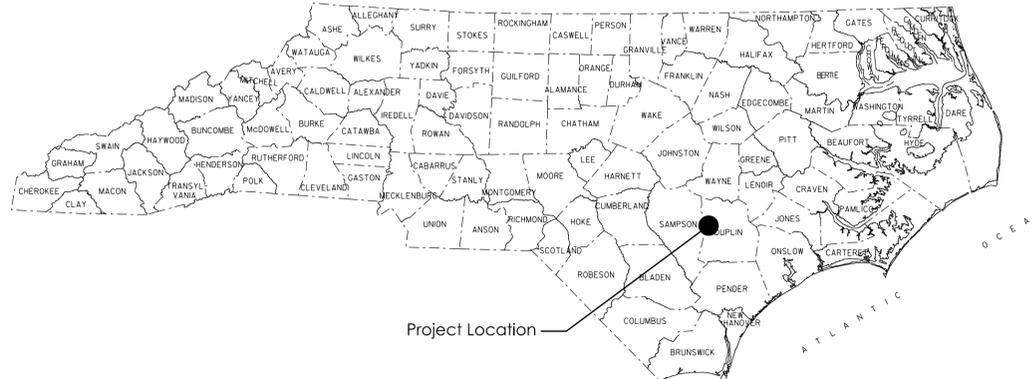
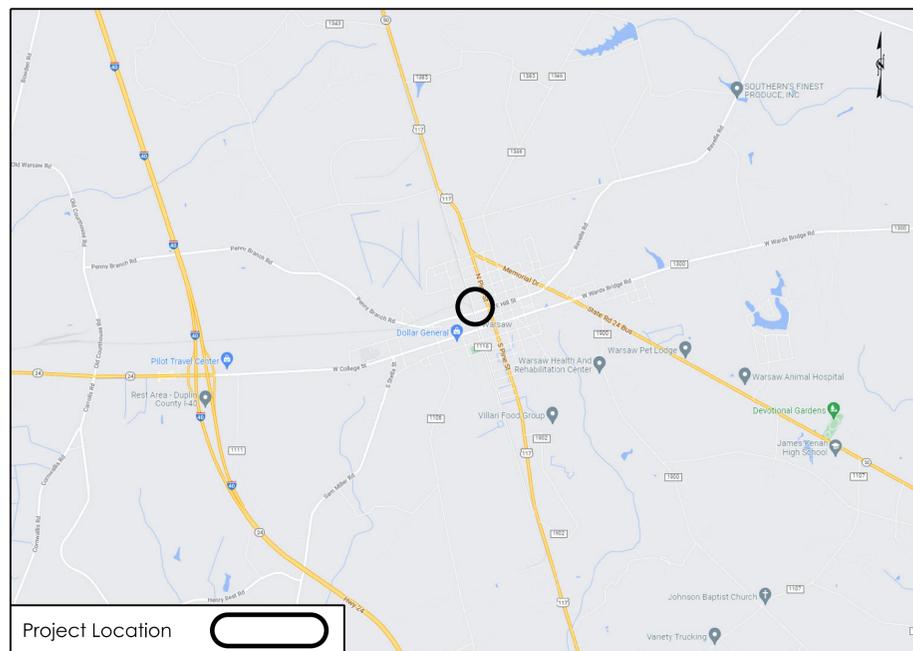


HIGHWAY LANDSCAPE DEVELOPMENT PROJECT



T.I.P. #	STATE PROJECT W.B.S. #	SHEET #	SHEET # TOTAL
ER-5600CH	46305.3.69	L1	5
FED. PROJ. #	DESCRIPTION		DIVISION
0117(051)	Enhancement		3



Summary of Quantities
1 Year Establishment Period

DES	SEC	QTY	UNIT	KEY	BOTANICAL NAME	COMMON NAME	FURNISH	NOTES
Shrubs								
L	1670	5	ea	IG	<i>Ilex glabra 'Gem Box'</i>	Gem Box--® Inkberry Holly	15-18"; #3 Cont.	As Shown
Grasses/Groundcovers/Perennials								
L	1670	55	ea	EP	<i>Echinacea purpurea 'PAS702918'</i>	PowWow® White Coneflower	6-12"; #1 Cont.	1' O.C.
L	1670	16	ea	RF	<i>Rudbeckia fulgida var. sullivantii 'Goldsturm'</i>	Goldsturm Black-Eyed Susan	6-12"; #1 Cont.	16" O.C.
L	1670	8	ea	SH	<i>Sporobolus heterolepis 'Tara'</i>	Dwarf Prairie Dropseed	6-12"; #1 Cont.	1.5' O.C.
Other Vegetation Costs								
L	1670	2	cy		Mulch after Planting			Depth of 4"
L	1670	5	m/g		Water after Planting			
L	SP	2100	sf		Brick Pavers			
L	848	25	sy		4" Concrete Sidewalk			
L	SP	100	LF		Steel Brick Edging			
L	SP	7	cy		Topsoil			
L	SP	1	LS		Demolition			
m/g - 1,000 gallons								

NOTES:

- Existing conditions shown on the plans are based on survey information and roadway plans. actual site conditions may vary.
- Prior to any demolition or work taking place, the contractor shall locate and verify all utility lines and structures within the construction areas (water, sewer, gas, electrical, etc.)
- The contractor shall take the necessary precautions to prevent damage of adjacent plant material, facilities, and structures to remain. The contractor shall restore disturbed areas to their original condition and to the satisfaction of the Division Roadside Environmental Engineer.
- The utilities shown on the plans are approximate locations. The contractor shall locate and protect in place all existing utilities before digging occurs and major construction begins.
- Demolition, removal, and disposal of items from the site must be completely in accordance with the law. The contractor is responsible for making a site visit to determine and verify all demolition requirements prior to bidding.
- The contractor shall verify all conditions and dimensions at the job site prior to construction, and if discrepancies are found, notify the Division Roadside Environmental Engineer for clarification.

N. Front St. Streetscape Development in Warsaw

CONVENTIONAL SYMBOLS

County Line	---
City or Town Line	---
Exist. Right of Way Line Marker	---△---
Prop. Right of Way Line Marker (By Others)	---▲---
Prop Right of Way Line Marker (By Contract)	---▲---
Exist. Control of Access Line	---(C)---
Prop. Control of Access Line	---(C)---
Property Line	---E---
Easement Line	---E---
Slope Stake Line	---+---
Exist. Fence	---+---
Prop. Woven Wire Fence	---+---
Prop. Chain Link Fence	---+---
Exist. Road	---+---
Prop. Road	---+---
Guardrail	---+---
Survey Line	---+---
Denotes Line Equality	---+---
Bridge	---+---
Culvert	---+---
Railroad	---+---
Woods	---+---
Exist. Telephone Pole	---+---
Prop. Telephone Pole	---+---
Tower Pole and Line	---+---
Exist. Power Pole	---+---
Prop. Power Pole	---+---
Sanitary Sewer Line	---+---
Water Line	---+---
Gas Line	---+---
Picnic Shelter	---+---
Regeneration	---+---
Reforestation	---+---

INDEX OF L SHEETS:

- L 1.0 - Title Sheet
- L 2.0 - Site Plan
- L 3.0 - Demolition Plan
- L 4.0 - Hardscapes Plan
- L 5.0 - Planting Plan

PREPARED BY: B. Kopetsky DATE: 10/2019

REVISIONS

DATE	DESCRIPTION



STATE OF
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

LOCATION: N. Front St. in Warsaw

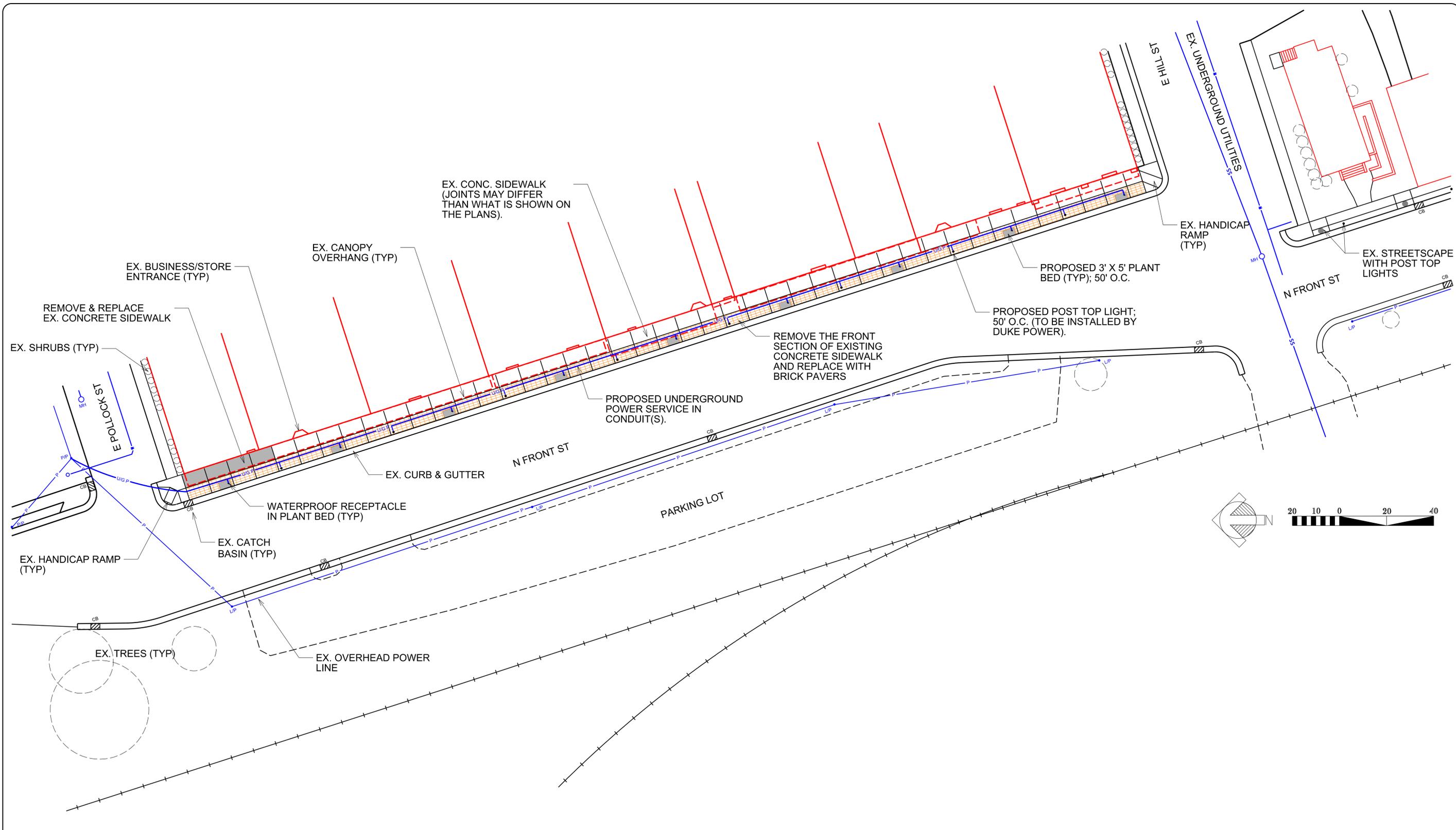
TYPE of WORK: Enhancement

COUNTY: Duplin

2014 American Standard for Nursery Stock

2018 NCDOT STANDARD SPECIFICATIONS

PREPARED IN THE OFFICE OF:
NCDOT- ROADSIDE ENVIRONMENTAL UNIT
AESTHETIC ENGINEERING SECTION
1557 MAIL SERVICE CENTER
RALEIGH, NC 27699 919-707-2920



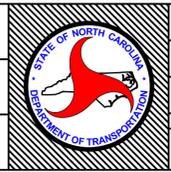

 NCDOT - ROADSIDE ENVIRONMENTAL UNIT
 AESTHETIC ENGINEERING SECTION
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-707-2935 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

N. Front St. Streetscape Development
Warsaw, Duplin County
WBS #: 46305.3.69

Landscape Architect


SHEET DESCRIPTION:	PREL. DESIGN DATE:	10/2019
	CHECKED BY & DATE:	K. Cooper
	FINAL DESIGN DATE:	-----

Site Plan
Streetscape Plan Sheet



T.I.P. #	ER-5600CH
WBS #	46305.3.69
FED I.D. #	0117(051)
SHEET NO.:	L-2
TOTAL SHEET NO.:	L-5

REMOVE EXISTING CONCRETE ADJACENT TO BLDG.; SAW CUT CONCRETE 6" PARALLEL FROM BLDG.
THIS IS THE ONLY LOCATION WHERE CONCRETE ADJACENT TO A BLDG. WILL BE REMOVED.

MAINTAIN ACCESS TO STORE ENTRANCE.

MAINTAIN ACCESS TO ALL BUSINESSES DURING PROJECT.

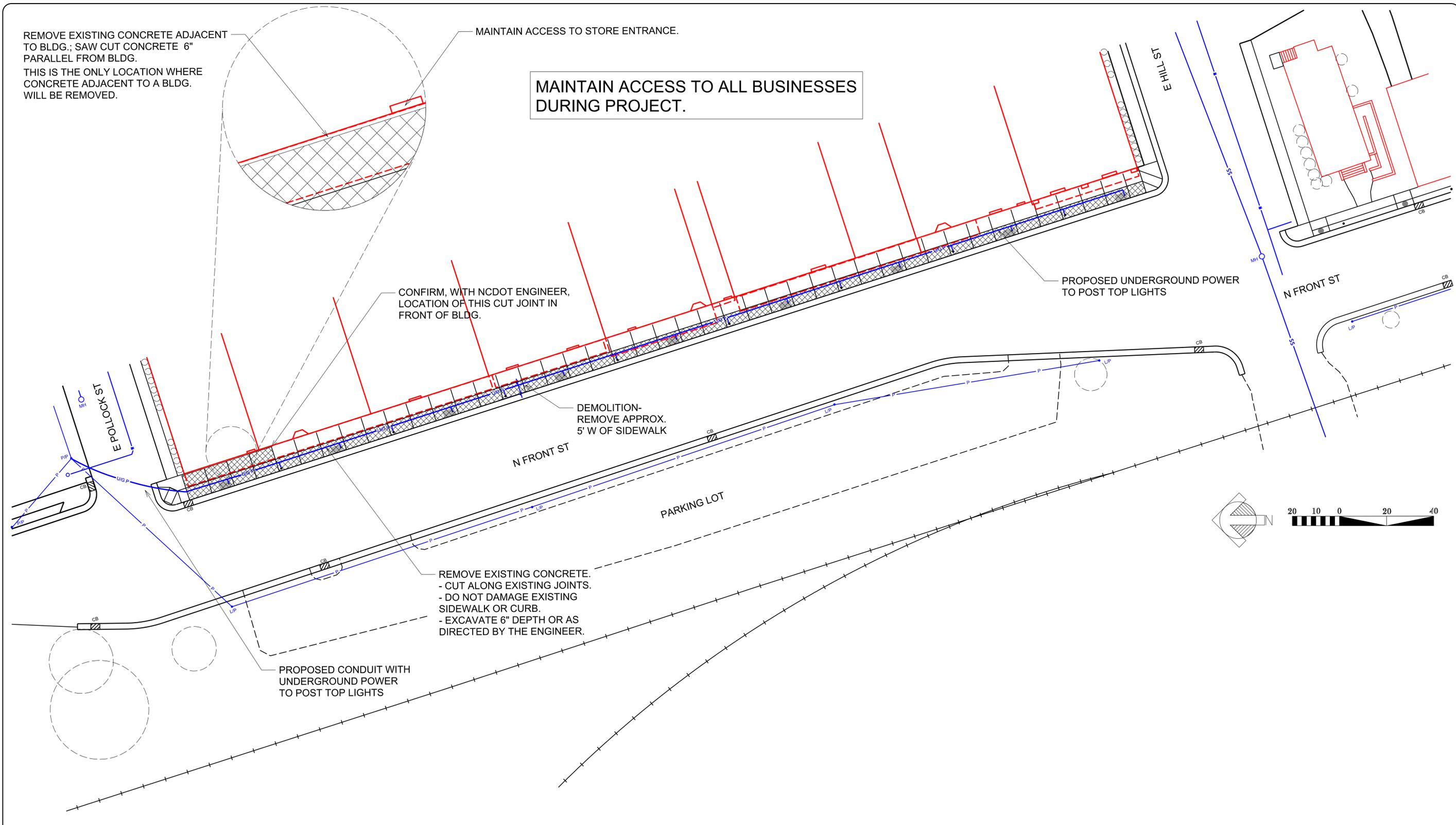
CONFIRM, WITH NCDOT ENGINEER, LOCATION OF THIS CUT JOINT IN FRONT OF BLDG.

DEMOLITION- REMOVE APPROX. 5' W OF SIDEWALK

PROPOSED UNDERGROUND POWER TO POST TOP LIGHTS

REMOVE EXISTING CONCRETE.
- CUT ALONG EXISTING JOINTS.
- DO NOT DAMAGE EXISTING SIDEWALK OR CURB.
- EXCAVATE 6" DEPTH OR AS DIRECTED BY THE ENGINEER.

PROPOSED CONDUIT WITH UNDERGROUND POWER TO POST TOP LIGHTS



NCDOT - ROADSIDE ENVIRONMENTAL UNIT
AESTHETIC ENGINEERING SECTION
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-707-2935 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/ap_chief_eng/roadside/

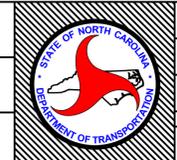
N. Front St. Streetscape Development
Warsaw, Duplin County
WBS #: 46305.3.69

Landscape Architect

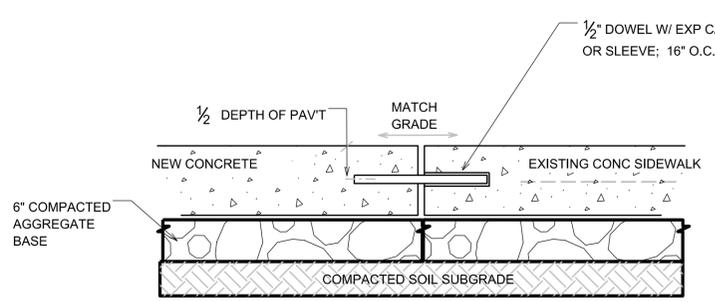
Bob Kopetsky

SHEET DESCRIPTION:	PREL. DESIGN DATE:	10/2019
	CHECKED BY & DATE:	K. Cooper
	FINAL DESIGN DATE:	-----

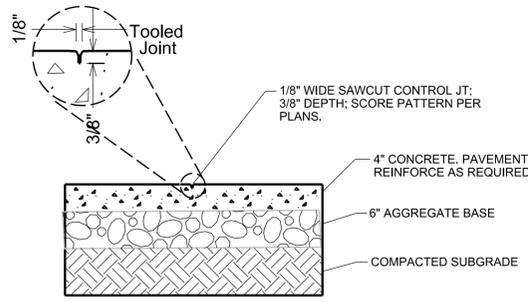
Demolition Plan
Streetscape Plan Sheet



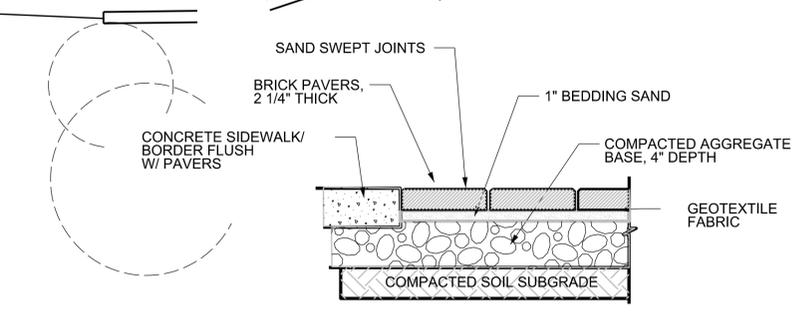
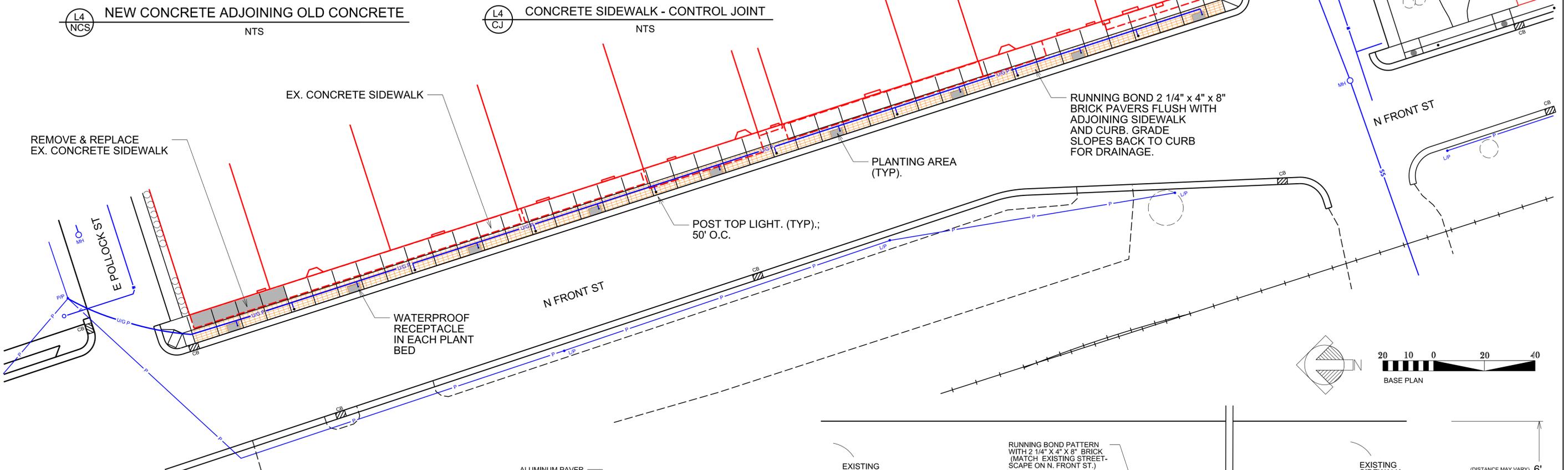
T.I.P. #	ER-5600CH
WBS #	46305.3.69
FED I.D. #	0117(051)
SHEET NO.:	L-3
TOTAL SHEET NO.:	L-5



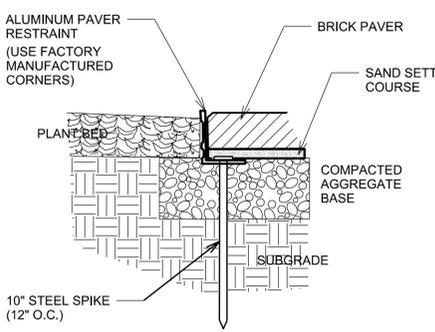
L4 NCS
NEW CONCRETE ADJOINING OLD CONCRETE
NTS



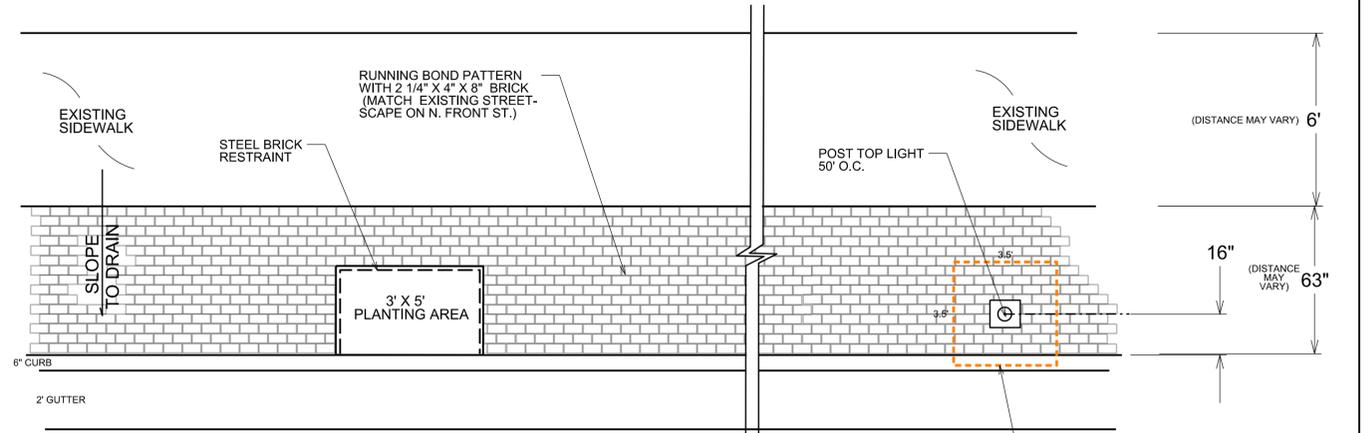
L4 CJ
CONCRETE SIDEWALK - CONTROL JOINT
NTS



L4 BPD
BRICK PAVER DETAIL
NTS



L4 SBE
STEEL BRICK EDGE DETAIL
NTS



L4 BSL
BRICK SIDEWALK LAYOUT
NTS



NCDOT - ROADSIDE ENVIRONMENTAL UNIT
AESTHETIC ENGINEERING SECTION
1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
PH: 919-707-2935 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

N. Front St. Streetscape Development
Warsaw, Duplin County
WBS #: 46305.3.69

Landscape Architect
Bob Kopetsky

SHEET DESCRIPTION:	PREL. DESIGN DATE:	10/2019
	CHECKED BY & DATE:	K. Cooper
	FINAL DESIGN DATE:	---

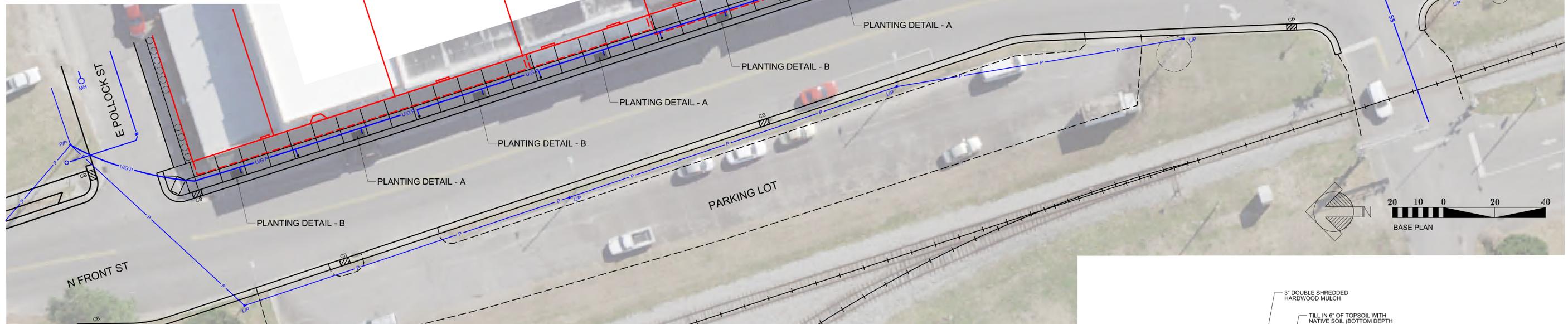
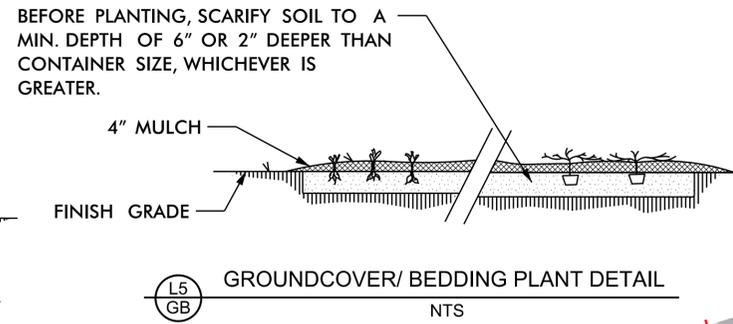
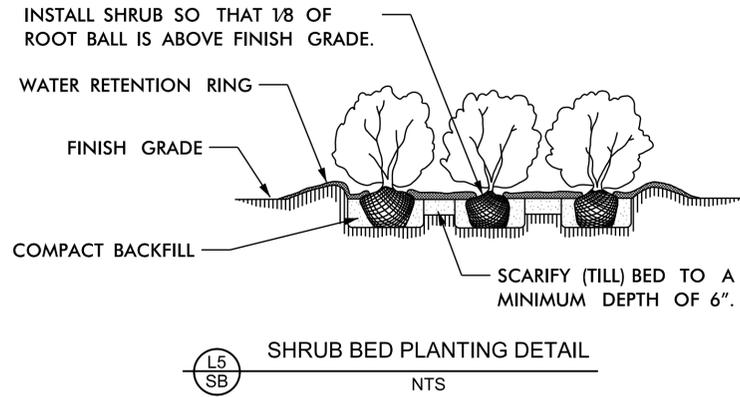
Hardscape Plan
Streetscape Plan Sheet



T.I.P. #	ER-5600CH
WBS #	46305.3.69
FED I.D. #	0117(051)
SHEET NO.:	L-4
TOTAL SHEET NO.:	L-5

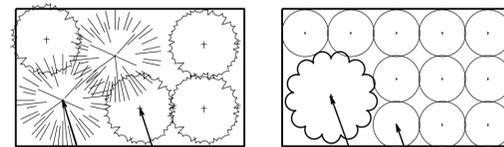
NOTES:

- PLANT HOLE WIDTH TO BE TWICE THE ROOT BALL SIZE OR CONTAINER DIAMETER.
- APPLY HERBICIDES A MIN. OF 7 DAYS PRIOR TO PLANTING, BY LABEL INSTRUCTIONS, OR AS DIRECTED BY THE NCDOT ENGINEER.
- APPLY FERTILIZER AT PLANTING TIME IN THE FORM OF A SLOW RELEASE PELLET OR TABLET. APPLY AT RATE RECOMMENDED BY MANUFACTURER. BOTH RATE AND FORMULATION MUST BE APPROVED BY FIELD ENGINEER PRIOR TO APPLICATION.
- ALL PRUNING TO FOLLOW STANDARD ARBORICULTURAL PRACTICES AS SPECIFIED BY INTERNATIONAL SOCIETY OF ARBORICULTURE.
- ALL PLANT MATERIAL TO BE CLEAN OF INFECTIOUS DISEASE, FIRE ANTS, OR INVASIVE WEEDS. DEPT. OF AGRICULTURE NURSERY CERTIFICATION SHALL ACCOMPANY PLANT MATERIAL DELIVERIES.
- ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (ASNS).



(4) PLANTING DETAIL - A

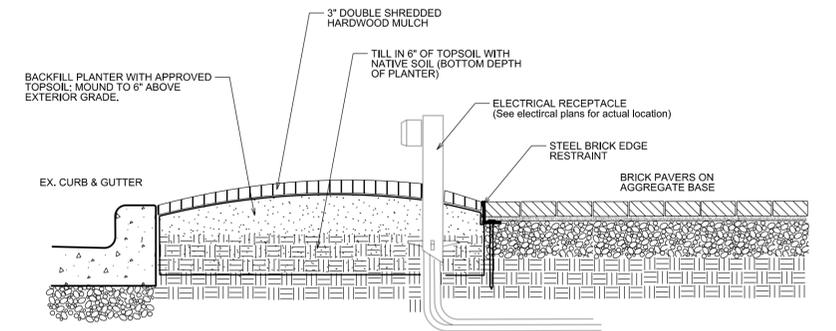
(5) PLANTING DETAIL - B



- 11 - PowWow White Coneflower
- 1 - Gem Box Inkberry
- 4 - Goldsturm Black-Eyed Susan
- 2 - Dwarf Prairie Dropseed

Qty	Key	Botanical Name	Common Name	Spacing
55	EP	<i>Echinacea purpurea</i> 'PAS702918'	PowWow® White Coneflower	1' O.C.
5	IG	<i>Ilex glabra</i> 'Gem Box'	Gem Box-® Inkberry Holly	As Shown
16	RF	<i>Rudbeckia fulgida</i> var. <i>sullivantii</i> 'Goldsturm'	Goldsturm Black-Eyed Susan	16" O.C.
8	SH	<i>Sporobolus heterolepis</i> 'Tara'	Dwarf Prairie Dropseed	1.5' O.C.

Scale: 1/2" = 1'-0"
 1' 6" 0 1' 2'



L5 PBS
 PLANT BED SECTION
 NTS



NCDOT - ROADSIDE ENVIRONMENTAL UNIT
 AESTHETIC ENGINEERING SECTION
 1557 MAIL SERVICE CENTER RALEIGH NC 27699-1557
 PH: 919-707-2935 FAX: 919-715-2554
http://www.ncdot.org/doh/operations/dp_chief_eng/roadside/

N. Front St. Streetscape Development
 Warsaw, Duplin County
 WBS #: 46305.3.69

Landscape Architect

SHEET DESCRIPTION:	PREL. DESIGN DATE:	10/2019
	CHECKED BY & DATE:	K. Cooper
	FINAL DESIGN DATE:	-----

Planting Plan
 Streetscape Plan Sheet



T.I.P. #	ER-5600CH
WBS #	46305.3.69
FED I.D. #	0117(051)
SHEET NO.:	L-5
TOTAL SHEET NO.:	L-5