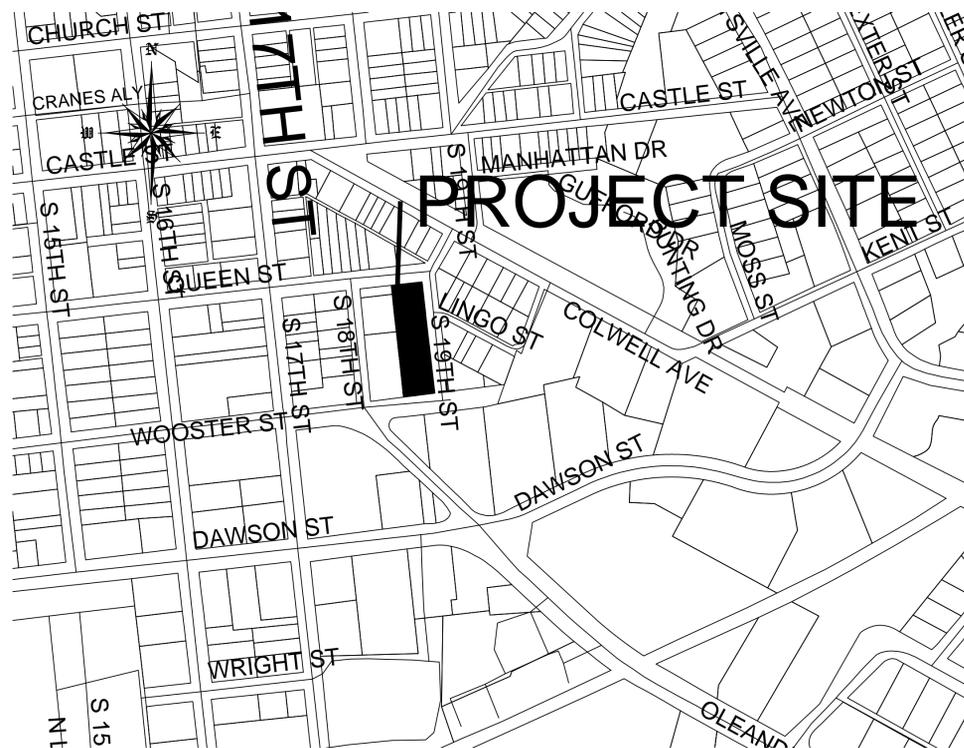


CONSTRUCTION PLANS FOR BAYSIDE ELECTRIC COMPANY

1815 WOOSTER STREET
WILMINGTON, NC 28403-2343



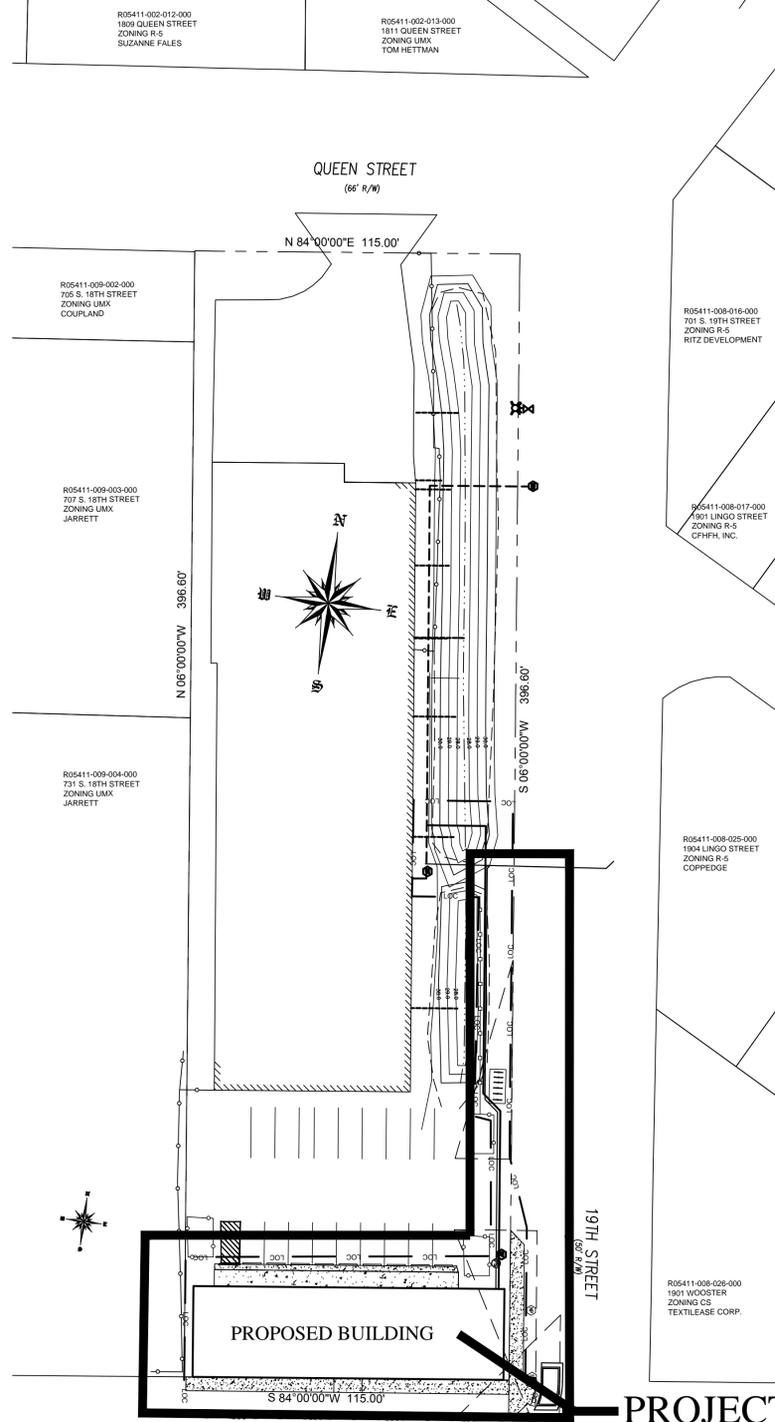
VICINITY MAP
SCALE: 1" = 300 FT
FENRUARY, 2016

LIST OF DRAWINGS

XX	COVER SHEET
C1	SITE PLAN
C2	UTILITIES, S&E & LANDSCAPE PLAN

NOTES

- PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING (IF REQUIRED) WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION.
- ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARRICADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF MATERIALS OCCUR IN THOSE AREAS.
- NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT, AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION METHODS.
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS OF WAY AND FOR DRIVEWAY ARE TO BE THERMO PLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
- ONCE STREETS ARE OPEN TO TRAFFIC, CONTACT TRAFFIC ENGINEERING REGARDING THE INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET SIGN NAMES.
- TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS AND BE MAINTAINED BY THE OWNER.
- CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
- TRAFFIC ENGINEERING TO BE NOTIFIED AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.
- TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING PRIOR TO ACTUAL STRIPING.
- ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN PARKING AREAS SHALL BE WHITE. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS OF WAY FOR DRIVEWAY ARE TO BE THERMO PLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
- ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT OF WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER.
- STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
- TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEEL CHAIR RAMPS.
- A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET.
- ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
- CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
- WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY DETAILS AND SPECIFICATIONS.
- PROJECT SHALL COMPLY WITH CFPWA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
- IF THE CONTRACTOR DESIRES CFPWA WATER FOR CONSTRUCTION HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST SUPPLY A RP2 BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
- ANY IRRIGATION SYSTEM SUPPLIED BY CFPWA SHALL COMPLY WITH THE CFPWA CROSS CONNECTION REGULATIONS.
- ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZE SENSOR.
- ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFPWA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCOCHR.
- CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF CONFLICTS.
- AN ALL WEATHER DRIVING SURFACE FOR EMERGENCY VEHICLES MUST BE MAINTAINED DURING CONSTRUCTION.
- UNDERGROUND FIRE LINE(S) MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC ROW TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT/DIVISION OF FIRE AND LIFE SAFETY AT 910-341-0696.
- NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (TEN) FEET ABOVE THE GROUND WITHIN THE TRIANGLE SIGHT DISTANCE.
- CONTRACTOR IS TO NOTIFY (AT A MINIMUM) THE FOLLOWING COMPANIES FOR LOCATION SERVICES:
ULOCO1-800-632-4949, 48 HOURS IN ADVANCE
BELL SOUTH.....1-800-392-8712 (STEEVE DAYVAULT)
CAROLINA ONE CALL CENTER 1-800-632-4949
- MAINTAIN AN ALL WEATHER EMERGENCY VEHICLE ACCESS AND TURNAROUND AREA ACCESSIBLE TO THE STORAGE OCCUPANCY.
- THERE SHALL BE NO ENCUMBRANCES WITHIN THE NCDOT RIGHT OF WAY.



PROJECT AREA

SITE OVERVIEW
SCALE: 1" = 30 FT

CIVIL ENGINEER
JBS CONSULTING, PA
BRAD SEDGWICK, PE
7332 COTESWORTH DRIVE
WILMINGTON, NC 28405
1-910-619-9990

SURVEYOR
C.I. GLOVER COMPANY
MR. CHRIS GLOVER
4405 JASMINE COVE WAY
WILMINGTON, NC 28412
910-792-1011

GENERAL CONTRACTOR
TMC TAYLOR
MR. GREG TAYLOR
1406 CASTLE HAYNE ROAD
WILMINGTON, NC 28401
1-910-251-1181

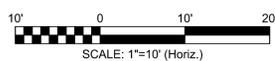
CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

	Name	Date
Planning	_____	_____
Traffic	_____	_____
Fire	_____	_____
CFPWA	_____	_____



2/25/16 COW TRC COMMENTS ADDRESSED	REVISION
3/9/16	DATE
RT	NUMBER



NO WETLAND WITHIN PROJECT AREA

CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN

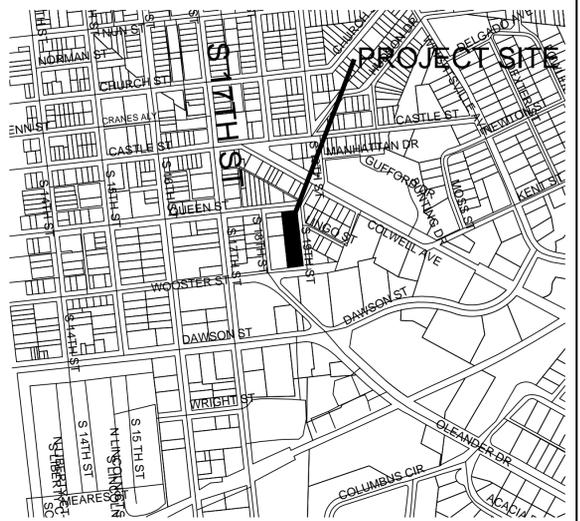
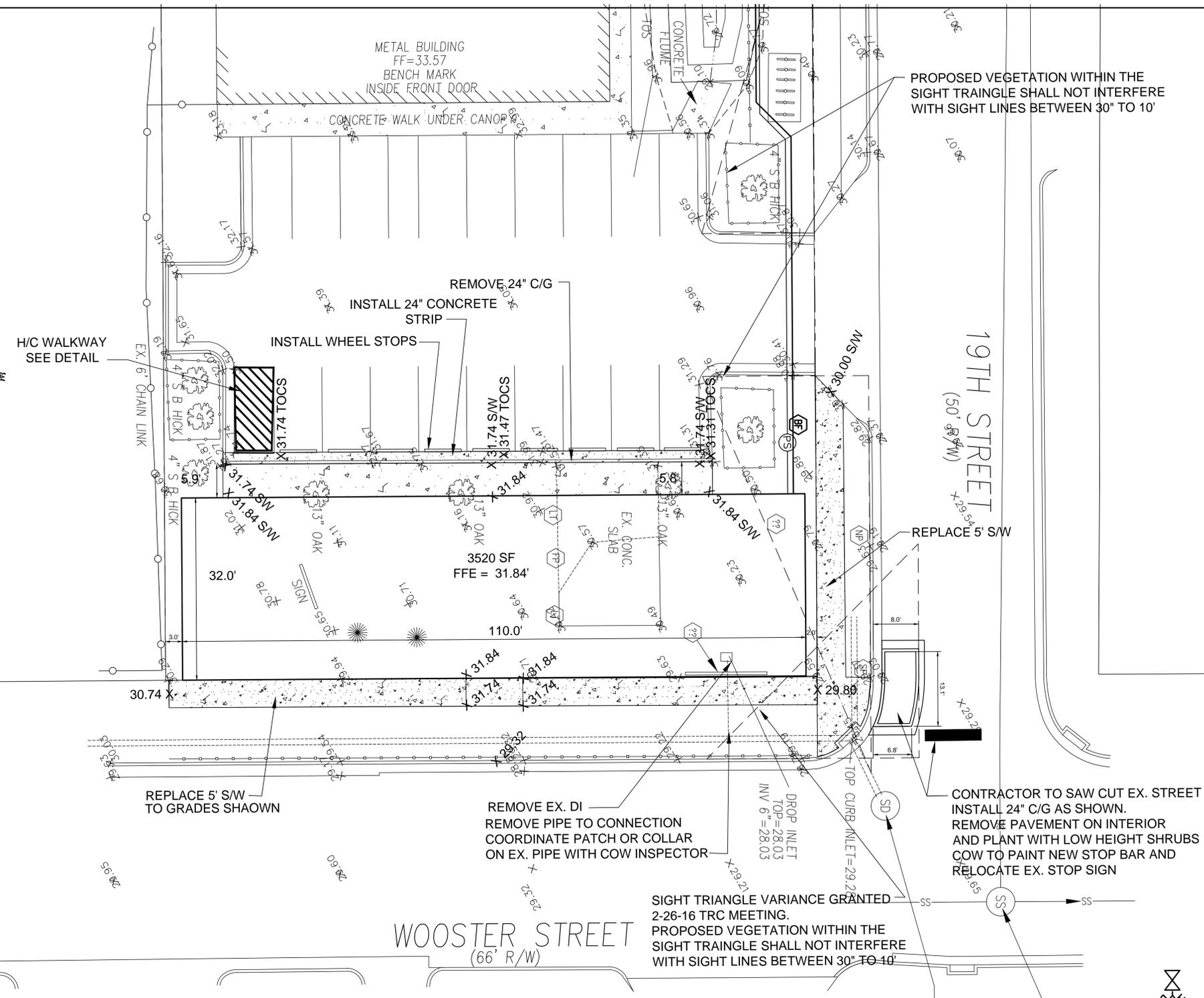
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

Name _____ Date _____

Planning _____
Traffic _____
Fire _____
CFPUA _____

SITE PLAN
SCALE 1" = 10'



SITE DATA

ADDRESS 1815 WOOSTER STREET
WILMINGTON, NC 28403-2343

PARCEL ID NUMBERS R05411-009-001-000

DEED BOOK & PAGE D.B. 2310 PG. 306

MAP BOOK & PAGE MB 2 PG. 56

ZONING UMJ
CITY OF WILMINGTON

TOTAL LOT AREA 1.05 ACRES

CAMA LAND USE CLASSIFICATION .. URBAN

OVERLAY DISTRICT - PROPERTY IS NOT IN A SPECIAL HIGHWAY OVERLAY DISTRICT

PROPOSED USE RETAIL LIGHTING SHOWROOM

FLOOD INFO
ZONE X - MINIMAL FLOOD ZONE
PANEL 3127
MAP # 3720312700J
5/2006

NUMBER OF BUILDINGS 1 EXISTING
1 PROPOSED

EX. BUILDING SQUARE FOOTAGE 15,380 SF
PROPOSED ADDITION 3,520 SF
TOTAL 18,900 SF

LOT COVERAGE 18,900 SF / (1.05 AC X 43560) = 35%

	REQUIRED	PROPOSED
MIN. LOT AREA	N/A	1.05 ACRES
MIN. LOT WIDTH	N/A	115'
MAX. LOT COVERAGE	N/A	35%
FRONT BUILDING SETBACK	N/A	0'
REAR BUILDING SETBACK	N/A	N/A
SIDE BUILDING SETBACK	N/A	N/A
RIGHT SIDE	N/A	4.5'
LEFT SIDE	N/A	N/A
MAX. BUILDING HEIGHT	45'	20'

PAVEMENT/BUA CALCULATIONS

	EXISTING	PROPOSED
ASPHALT	11,360 SF	
BUILDING	15,380 SF	
	26,740 SF	
S/W		503 SF
BUILDING		3,520 SF
		4,023 SF

TOTAL BUA AFTER PROJECT = 30,763 SF

PARKING REQUIREMENTS

NO PARKING REQUIREMENTS PER SECTION 18-204 OF WILMINGTON CITY CODE

SOLID WASTE - SOLID WASTE DISPOSAL WILL BE BY EX. DUMPSTER LOCATED ON NORTHSIDE OF SITE

UTILITY INFORMATION

SANITARY SEWER - BY SIMPLEX PUMP STATION CONNECTING INTO EXISTING SERVICE

WATER WILL BE EXTENDED FROM EXISTING SERVICE LINE AND RPZ INSTALLED AT BUILDING LINE.

ALL PROPOSED UTILITIES TO BE UNDERGROUND TO SERVE THIS SITE

LANDSCAPE REQUIREMENTS

PER SECTION 18-204 STREET TREES IN BELOW GRADE PLANTERS 1 TREE PER 30 FT.

FRONTAGE = 165 LF / 30 = 5.5 - PROVIDE 6 TREES

LEGEND

EX. ASPHALT PAVEMENT	[Pattern]
EX. SPOT ELEVATION	29.63
PROPOSED SPOT ELEVATION	x 33.33
SILT FENCE	[Symbol]
TREE PROTECTION FENCE	[Symbol]
PRO. CONC. PAVEMENT	[Pattern]
PRO. TOP CONCRETE STRIP	TOCS

DESIGN BY: BDS
DRAWN BY: BDS
CHECKED BY: BDS
DATE: FEBRUARY, 2016

SITE PLAN

BAYSIDE ELECTRIC SUPPLY CO., INC.
1805 WOOSTER
WILMINGTON, NC

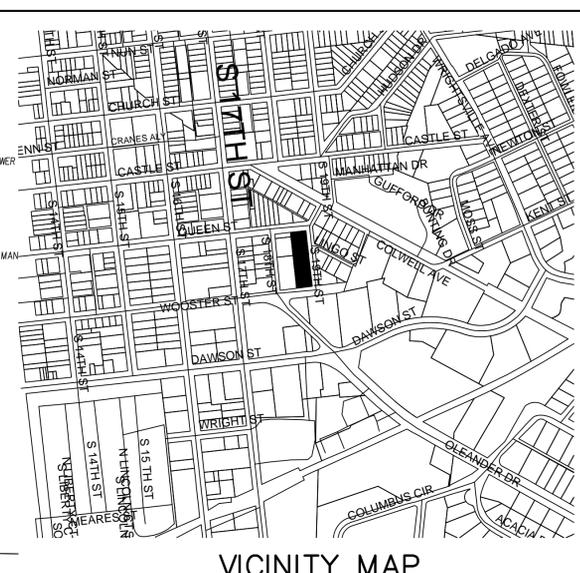
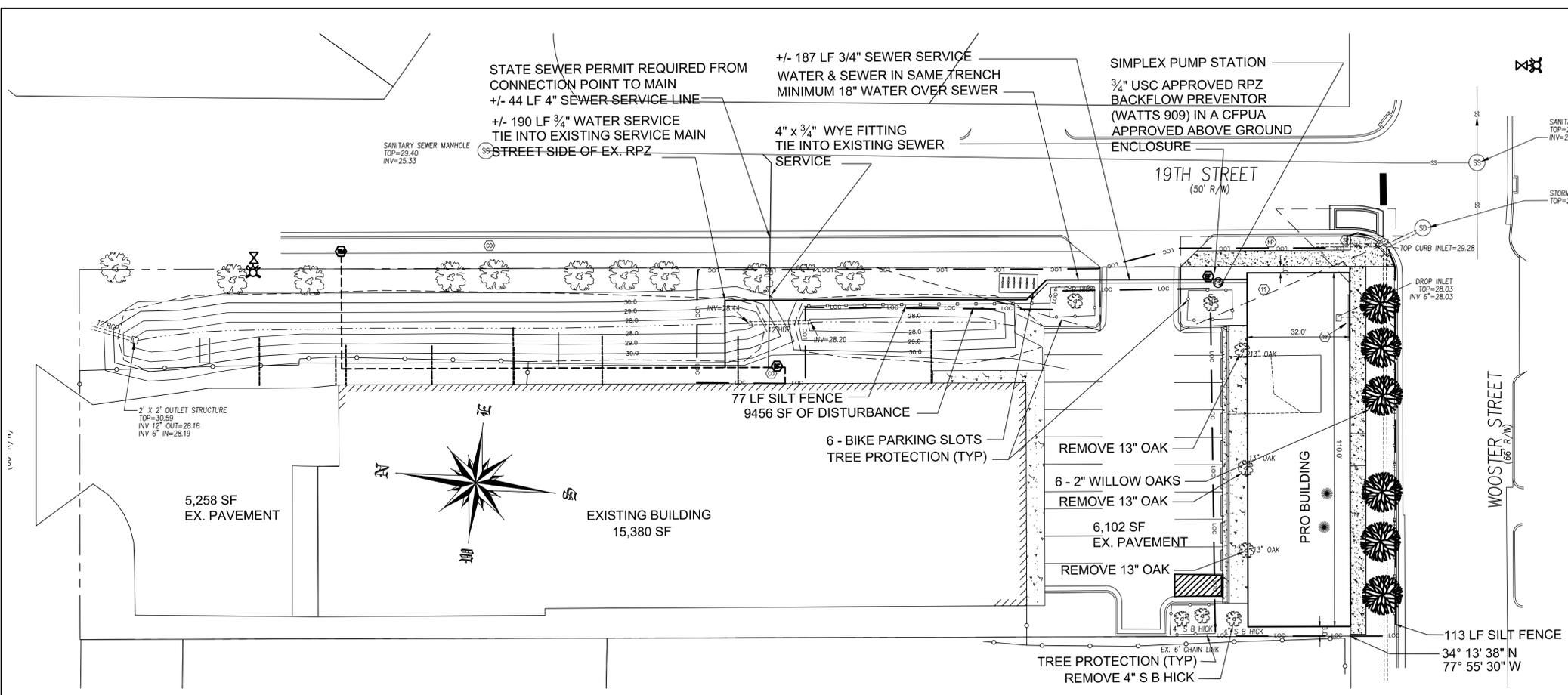
CONTRACTOR/CLIENT
TMC TAYLOR CONSTRUCTION, INC.
MR. GREG TAYLOR
1406 CASTLE HAYNE ROAD
WILMINGTON, NC 28401
1-910-251-1181

JBS CONSULTING, PA
7332 Catesworth Drive
Wilmington, NC 28405
(910) 619-9990
License Number C-2525

PLANNING - ENGINEERING - PROJECT MANAGEMENT

SHEET
C1
of X

JOB NO. 032-017



LANDSCAPE DATA

LANDSCAPE REQUIREMENTS

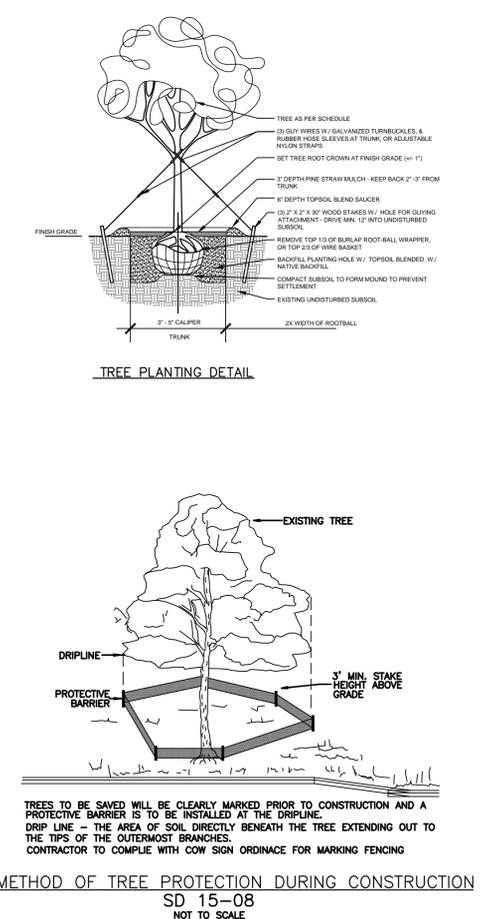
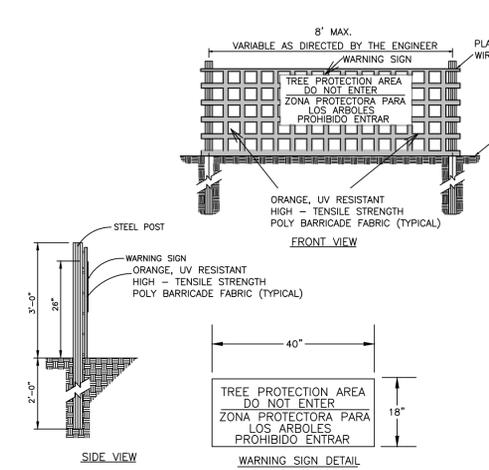
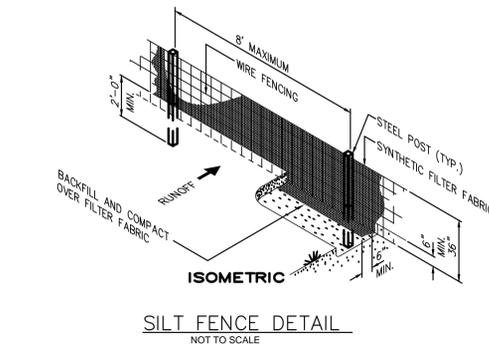
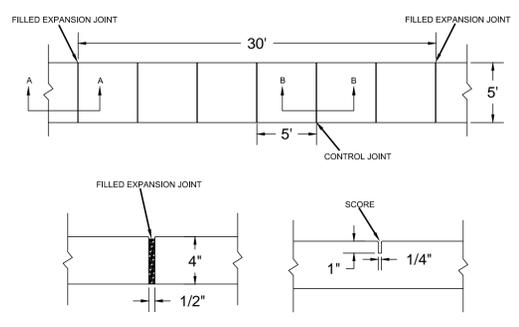
1 TREE PER 30' FRONTAGE 165' FRONTAGE
165 LF FRONTAGE = 6 TREES REQUIRED - 6 PROVIDED

LANDSCAPE NOTES

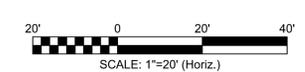
ALL PLANTED AND RETAINED LIVING MATERIAL, REQUIRED TO MEET THE PROVISIONS OF THE CITY OF WILMINGTON, LAND DEVELOPMENT CODE, SHALL BE PERPETUALLY PROTECTED AND MAINTAINED, TO PROFESSIONALLY ACCEPTED STANDARDS BY JOINT AND SEVERAL RESPONSIBILITY OF THE OWNER, OCCUPANTS, TENANT AND RESPECTIVE LIVE AGENTS OF THE PROPERTY ON WHICH THE MATERIAL IS LOCATED.

STREET TREES				
Scientific Name	Common Name	Size	Symbol	Quantity
<i>Quercus homophylla</i>	Willow Oak	Min. 2" Caliper	●	6

UTILITY PLAN SCALE 1" = 20'



- NOTES:**
1. JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS.
 2. SANITARY SEWER CLEAN-OUTS, WATER METERS, MANHOLES, AND VALVE LIDS TO BE LOCATED OUTSIDE SIDEWALK WHERE FEASIBLE.
 3. MINIMUM SIDEWALK WIDTH TO BE 6' MINIMUM IF PLACED AT BACK OF CURB.
 4. CONCRETE FOR ALL SIDEWALKS (EXCEPT ANY PORTION CONTAIN WITHIN A DRIVEWAY APRON) SHALL BE CLASS "A" - 3,000 PSI.
 5. MINIMUM REPLACEMENT FOR REPAIRS IS A 5' X 5' PANEL.
 6. 4" STONE BASE MAY BE REQUIRED FOR POOR SOIL CONDITIONS.
 7. MINIMUM DEPTH FOR TUNNELING BELOW SIDEWALK IS 12"
 8. MAX ADJACENT GROUND SLOPE WITHOUT RAILING IS 2:1
 9. MIN GRADE FOR PROPER DRAINAGE IS 1% IN AT LEAST 1 DIRECTION. MAX CROSS SLOPE IS 2%. MAX LONGITUDINAL SLOPE IS 8.3%, 10% IF LIMITED BY EXISTING CONDITIONS, OR NO GREATER THAN THE SLOPE OF THE EXISTING ADJACENT ROAD.



NO WETLAND WITHIN PROJECT AREA

REVISION	DATE	BY	DESCRIPTION



Approved Construction Plan

Name: _____ Date: _____

Planning: _____

Traffic: _____

Fire: _____

CFPUA: _____



DESIGN BY: BDS
DRAWN BY: BDS
CHECKED BY: BDS
DATE: FEBRUARY, 2016

UTILITES, S&E & LANDSCAPE PLAN

BAYSIDE ELECTRIC
1805 WOOSTER
WILMINGTON, NC

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SHEET
C2
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