

PENDER COUNTY COURTHOUSE - INTERIOR RENOVATIONS

PENDER COUNTY COURTHOUSE



SEPI

SEPI ENGINEERING & CONSTRUCTION, INC.  
RALEIGH | WILMINGTON | CHARLOTTE  
BELHAVEN | CHARLESTON

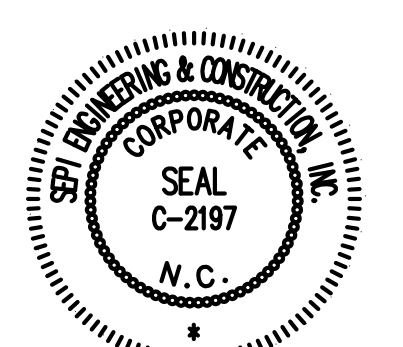
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SEPI PROJECT NUMBER: SE19.006.00

LS3P

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REVISIONS:

No.	Description	Date
1	ADDING TREE PROTECTION AND CONSTRUCTION ENTRANCE	04/16/2020

PROJECT: 7702-185550

DATE: 03/29/2020

DRAWN BY: JRS

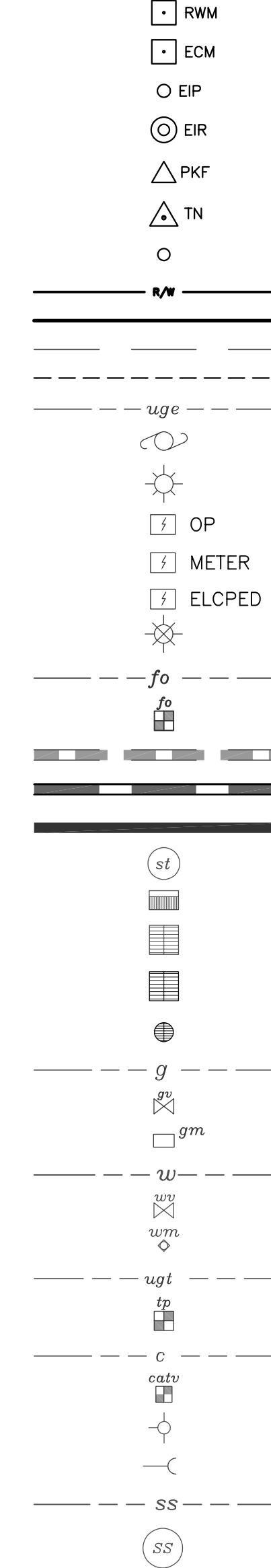
CHECKED BY: MTA

EROSION CONTROL, GRADING, AND STORMWATER PLAN

C-2

LEGEND

- EXISTING RIGHT OF WAY MONUMENT  
EXISTING CONCRETE MONUMENT  
EXISTING IRON PIPE  
EXISTING IRON ROD  
PK NAIL FOUND  
TRAVERSE NAIL  
CALCULATED PROPERTY CORNER  
RIGHT OF WAY  
PROPERTY LINE, SURVEYED  
PROPERTY LINE, NOT SURVEYED  
EXISTING EASEMENT  
EXISTING UNDERGROUND ELECTRIC  
EXISTING POWER POLE  
EXISTING LIGHT POLE  
EXISTING OUTLET POST  
EXISTING ELECTRIC METER  
EXISTING ELECTRIC PEDESTAL  
EXISTING GROUND LIGHT  
EXISTING FIBER OPTIC  
EXISTING FIBER OPTIC PEDESTAL  
EXISTING STORM PIPE  
PROPOSED STORM DRAIN  
EXISTING STORM MANHOLE  
EXISTING CURB INLET  
EXISTING DROP INLET  
PROPOSED DROP INLET  
PROPOSED YARD INLET  
EXISTING GAS LINE  
EXISTING GAS VALVE  
EXISTING GAS METER  
EXISTING WATER LINE  
EXISTING WATER VALVE  
EXISTING WATER METER  
EXISTING UNDERGROUND TELEPHONE  
EXISTING TELEPHONE PEDESTAL  
EXISTING UNDERGROUND CABLE  
EXISTING CABLE BOX  
EXISTING FIRE HYDRANT  
EXISTING GUY ANCHOR  
EXISTING SANITARY SEWER LINE  
EXISTING SANITARY SEWER MANHOLE



EXISTING CONCRETE



EXISTING LANDSCAPING



EXISTING TREE DIAMETER, DESCRIPTION AND APPROXIMATE ROOT ZONE



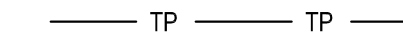
PROPOSED LIMITS OF DISTURBANCE



PROPOSED INLET PROTECTION



PROPOSED TREE PROTECTION FENCE



SEEDING SCHEDULE

- ALL DISTURBED AREAS DUE TO CONSTRUCTION AND ANY SEVERELY ERODED AREAS SHALL BE STABILIZED BY A PERMANENT GRASS COVER. THE SEED SPECIES SHALL BE SELECTED BASED ON THE TYPE SOIL, PRESENT, SEASONAL CONDITIONS AND OTHER CONSIDERATIONS. AS AN ALTERNATE, THE CONTRACTOR MAY USE THE METHOD AND SCHEDULES SHOWN BELOW. HOWEVER, IT IS RECOMMENDED THAT A SPECIALIST BE CONSULTED WITH ATTENTION GIVEN TO SITE SPECIFIC CONDITIONS.
  - CULTIVATE AREA TO A DEPTH OF 5 INCHES.
  - APPLY AGRICULTURAL LIME UP TO 1 TON PER ACRE FOR SOIL DISTURBED LESS THAN 6", AND 2 TONS PER ACRE FOR SOILS DISTURBED GREATER THAN 6".
  - APPLY 10-20-20 COMMERCIAL FERTILIZER AT THE RATE OF 500 LBS. PER ACRE.
  - SOW GRASS SEEDS AT THE FOLLOWING RATES PER ACRE.

DRY SOILS (APRIL-SEPTEMBER)	WET SOILS (APRIL-SEPTEMBER)
BERMUDAGRASS.....25 lbs.	BERMUDAGRASS.....25 lbs.
CENTIPEDGRASS.....10 lbs.	BAHAGRASS.....25 lbs.
BHAGRASS.....30 lbs.	CARPENTERGRASS.....25 lbs.
KOBE LESPEDEZA.....20 lbs.	ANNUAL RYEGRASS or
ANNUAL RYEGRASS OR	GERMAN MILLET.....25 lbs.
GERMAN MILLET.....25 lbs.	
  - MULCH WITH STRAW AT THE RATE OF 3,250 TO 4,350 LBS. PER ACRE SHOULD PROVIDE 75% COVER. COVER IN EXCESS OF 75% COULD REDUCE PROPER PLANT GROWTH AFTER SEED GERMINATION.
  - ANCHOR STRAW WITH ASPHALT EMULSION TACK COAT APPLIED AT THE RATE OF 300 GALLONS PER ACRE.
- WHERE IT IS NOT POSSIBLE TO ESTABLISH A PERMANENT GRASS COVER IN A REASONABLY SHORT PERIOD OF TIME DUE TO SEASONAL CONSIDERATIONS, A TEMPORARY GRASS COVER SHALL BE ESTABLISHED. THE TEMPORARY SEED RATE PER ACRE SHALL BE:

WINTER (SEPTEMBER-APRIL)	SUMMER (MAY-AUGUST)
ANNUAL RYEGRASS.....50 lbs.	GERMAN MILLET.....50 lbs.
TAIL FESCUE.....50 lbs.	
- TEMPORARY COVERS SHALL NOT ELIMINATE THE REQUIREMENT FOR PERMANENT GRASS COVER. WHERE THE SEASON OR OTHER CONDITIONS ARE NOT SUITABLE FOR GROWING A TEMPORARY EROSION RESISTANT COVER, MULCH MAY BE APPLIED; HOWEVER, MULCH USED ALONE SHALL BE FOR THE SHORTEST TIME PRACTICAL. A TEMPORARY OR PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS SOON AS CONDITIONS ARE FAVORABLE.
- TOPSOIL SHALL BE USED OVER ALL SOIL CONDITIONS FOR SUCCESSFUL ESTABLISHMENT OF VEGETATIVE COVER AT A DEPTH OF AT LEAST 4". TOPSOIL TO BE FROM APPROVED NC SOURCE.
- IRRIGATE AS NECESSARY TO OPTIMIZE PLANT GROWTH.

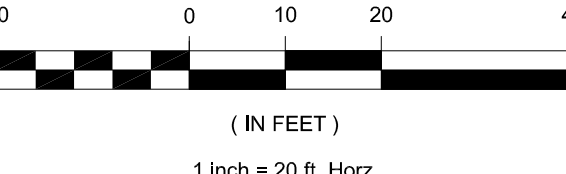


Know what's below,  
before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN BY AN APPROXIMATE VIEW ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE CONTRACTOR. IT IS RECOMMENDED THAT THE CONTRACTOR OBTAIN THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREE TO BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

NOTICE: CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

GRAPHIC SCALE



1 inch = 20 ft. Horiz.

E FREMONT STREET  
(90' PUBLIC RIGHT-OF-WAY)

E WILMINGTON STREET  
(60' PUBLIC RIGHT-OF-WAY)

S WALKER STREET  
(75' PUBLIC RIGHT-OF-WAY)

S WRIGHT STREET  
(75' PUBLIC RIGHT-OF-WAY)

W COURTHOUSE AVENUE  
(40' PUBLIC RIGHT-OF-WAY)

S WRIGHT STREET  
(75' PUBLIC RIGHT-OF-WAY)