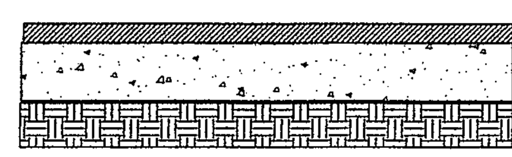
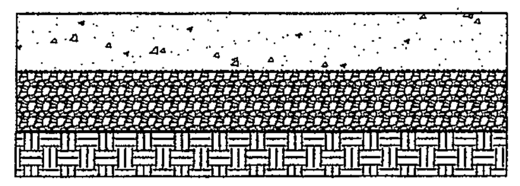
CIVIL LEGEND

EX.	DESCRIPTION
⋈	WATER VALVE
⊠	RPZ BACKFLOW PREVENTER
	WATER METER
Ⓢ	SANITARY SEWER MANHOLE
	SANITARY SEWER CLEANOUT
	STORM DRAIN CURB INLET
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION
TPED ⊠	COMMUNICATIONS PEDESTAL
⋈ GV	GAS VALVE
	UTILITY POLE/POLE WITH LIGHT
	GUY WIRE
	DITCH/SWALE CENTERLINE
—SS—	SANITARY SEWER (GRAVITY) WITH SIZE
	STORM SEWER
—W—	DOMESTIC WATER WITH SIZE
—OHE— (OHP on plans?)	OVERHEAD ~~ELECTRICAL~~ power
—UGE—	UNDERGROUND ELECTRICAL
—G—	UNDERGROUND GAS
—UGC—	UNDERGROUND COMMUNICATIONS
—FO—	UNDERGROUND FIBER OPTIC CABLE
□	TRAFFIC SIGNAL BOX
	SIGN
⊠	SOILS BORE LOC.



2 TYPICAL PAVEMENT SECTION
IN AREAS WITH OUT PERVIOUS CONCRETE Scale: Not To Scale



3 TYPICAL PERVIOUS PAVEMENT SECTION
Scale: Not To Scale

NOTE:
SEE SHEET C002 FOR EROSION CONTROL MEASURES AND DETAILS
SEE SHEET C003 FOR STORM WATER MANAGEMENT PLAN
SEE SHEET C004 FOR SITE DETAILS
SEE SHEET C005 FOR LANDSCAPE PLANS

A permit must be obtained from the city engineer prior to the removal, alteration or construction of any curb, driveway, gutter and/or pavement or prior to the performance of any other work in any public or private street. Conditions governing the issuance of such a permit are:

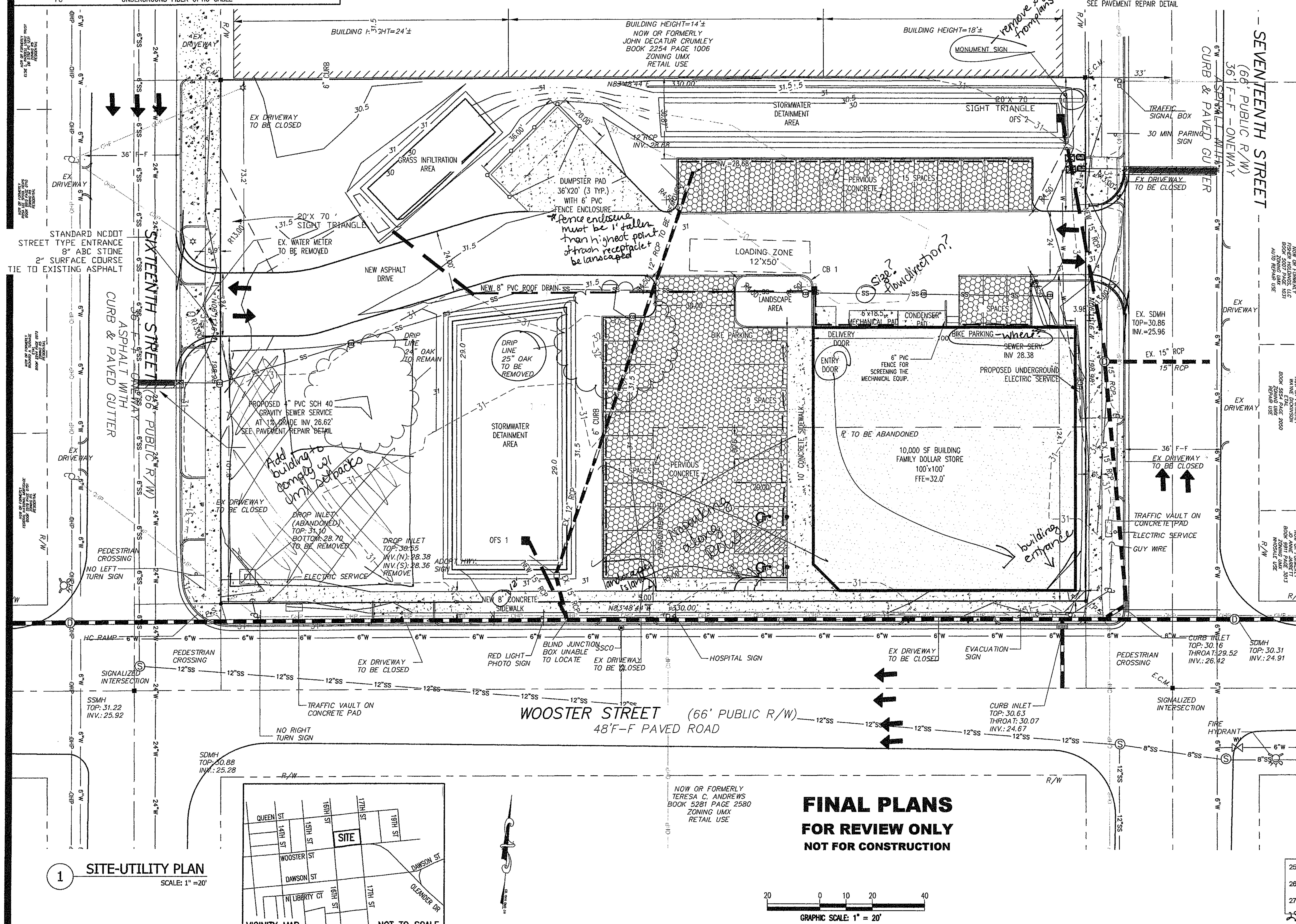
a. A continuing indemnity bond with sufficient surety acceptable to the city may be required of the party performing the work. All work must be done in conformity with the standards established herein.

b. The city shall be indemnified for any damages it might sustain as a result of the breach of condition above. The damages payable to the city shall be the amount required to make such improvement conform to city standards.

(2) A fee in accordance with the city's adopted fee schedule shall be paid to the city at the time the application for a driveway permit is made.

PROPOSED 3/4" WATER METER WITH BACKFLOW PREVENTER AND RPZ IN HOT BOX WITH ELECTRICAL TO PREVENT FREEZING

USE 1" SERVICE LINE TO SERVE 2 TAPS FOR COMMERCIAL AND IRRIGATION
WATER SERVICE PIPING TO BE TYPE "K" COPPER PIPE
SEE PAVEMENT REPAIR DETAIL



1 SITE-UTILITY PLAN
SCALE: 1" =20'

FINAL PLANS
FOR REVIEW ONLY
NOT FOR CONSTRUCTION

SUMMARY OF SITE:

DEVELOPER
EASTERN PRIDE, INC.
2405-F NASH STREET
WILSON, NC 27896

OWNER
THOMASON REALTY INVEST LP
ABERDEEN, NC

GENERAL CONTRACTOR:
STOCKS AND TAYLOR CONSTRUCTION, INC.
1825 CAROLINA AVENUE
WASHINGTON, NC 27889

GENERAL BUILDING INFORMATION
BUILDING USE: COMMERCIAL - RETAIL
BUILDING SIZE: 10,000 SF
9000SF RETAIL, 1000 SF STORAGE
BUILDING HEIGHT: 20 FT

BUILDING LOT COVERAGE
10000SF /65,775.6SF = 15.2%

TOTAL LOT SIZE = 1.51 AC TO R/W
TOTAL IMPERVIOUS AREA = 33916.5 SF
TOTAL GREEN SPACE = 31,859.1 SF

TOTAL PERVIOUS PAVEMENT = 12,027 SF
% IMPERVIOUS EXISTING = 000%
% IMPERVIOUS PROPOSED = 51.56%
(WITH NO CREDIT FOR PERVIOUS PAVEMENT)

ZONING INFORMATION:
PARCEL ID NO. - 312710.45.4701&3500
SITE ZONING: UMX
SETBACKS:
MINIMUM BUILDING SETBACKS (UNLESS NOTED)
FRONT: 0' - MAX. 10' MAX HEIGHT - 45' Proposed 4'
SIDE: 0' 4'
REAR: 0' - 94.78'
BUILDING HEIGHT: 20' — max 10' setback "In no case shall front setbacks exceed 10 feet"

SIGNAGE
FREE STANDING MAX AREA = 35 SF MONUMENT
WALL SIGN MAX AREA = 200 SF

RECEIVED
FEB 27 2014
PLANNING DIVISION

TRANSPORTATION
WOOSTER STREET - URBAN PRINCIPAL ARTERIAL
16TH STREET - URBAN PRINCIPAL ARTERIAL
17TH STREET - URBAN PRINCIPAL ARTERIAL

CAMA LAND USE CLASSIFICATION
URBAN ~~SERVICE AREA~~

SIGHT LIGHTING
ALL SIGHT LIGHTING SHALL BE LOCATED, ANGLED SHIELDED, AND OR LIMITED IN INTESITY SO AS TO CAST NO DIRECT LIGHT UPON ADJACENT PROPERTIES, SHALL MINIMIZE OFF-SITE BACKLIGHTING GLARE, AND UP LIGHTING. LIGHT POST SHALL B NO TALLER THAN ~~TWELVE~~ [illegible] FEET.

UTILITIES:
WATER LINE: CFPUA
WASTEWATER: CFPUA
WASTEWATER SERVICE: 4" SEWER SERVICE
WATER SERVICE: 1" WATER SERVICE
ELECTRIC SERVICE: - UNDERGROUND - DUKE ENERGY
NATURAL GAS SERVICE: PIEDMONT NATURAL GAS

SEWER USAGE = 1080 GPD
WATER USAGE = 1080 GPD

PARKING REQUIREMENTS:
PARKING SPACES TO BE TYPICAL (9 FEET X 18 FEET) UNLESS OTHERWISE NOTED
REQUIREMENTS
~~PARKING SPACES REQUIRED: 50 MAX~~ No parking requirement in UMX
PARKING BUILDING CODE REQUIREMENTS:
1 SPACE PER 200 SF RETAIL MAX.
PARKING PROVIDED TOTAL: 31
HANDICAPPED ACCESSIBLE: 2
HANDICAPPED ACCESSIBLE PARKING TO BE (2 EQUAL SPACES) PER LOCAL CODE

BICYCLE PARKING -
REQUIRED: ~~1 PER 1000 SF GFA~~ [illegible]
PROVIDED: 10 SPACES
line up table so its clear this is bicycle parking

GENERAL SITE NOTES:
ALL NEW SERVICES SHALL MEET ALL NC BUILDING CODE REQUIREMENTS
ALL EXISTING UTILITIES ARE SHOWN BASED ON FIELD EVIDENCE
PRIOR TO ANY DIGGING NC ONE CALL SHALL BE CALLED AND CONFIRM LOCATION AND SIZE OF ALL EXISTING UTILITIES.

SITE SURVEY NOTES:
1) THE PROPERTY SHOWN HEREON IS NOT LOCATED WITHIN A SPECIAL 100 YEAR FLOOD HAZARD AREA ACCORDING TO FLOOD INSURANCE RATE MAP NO. 3720312700J DATED APRIL 13, 2006.
2) ALL N.C. GRID DATA SHOWN HEREON IS BASED ON NAD 1983 2007 ADJUSTMENT USING THE NCGS RTK NETWORK SYSTEM.
3) ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
4) ALL UTILITY LINES SHOWN HEREON MAY HAVE EASEMENTS AND RIGHTS OF ENTRANCE AND MAINTENANCE ASSOCIATED WITH THEM.
5) ~~UNDERGROUND~~ UTILITY LINES NOTED AS SUCH HEREON WERE FROM GIS DATA PROVIDED BY CFPUA. THE UTILITIES HAVE NOT BEEN PHYSICALLY SEEN AND SURVEYED BY THE SURVEYOR.

1. Prior to any clearing, grading or construction activity, tree protection fencing shall be installed around protected trees or groves of trees. No construction workers, tools, materials, or vehicles are permitted within the tree protection fencing. and posted w/ signage in English + Spanish that trees are to be
2. 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 will occur in those areas.
3. 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.
4. All pavement markings in public rights-of-way and for driveways are to be thermoplastic and meet City and/or NCDOT standards.
5. 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 name signs.
6. Traffic control devices (including signs and pavement markings) in areas open to public traffic are to meet MUTCD (Manual on Uniform Traffic Control Devices) standards.
7. Contact Traffic Engineering at 910-341-7888 to ensure that all traffic signal facilities and equipment are shown on the plan.
8. Call Traffic Engineering at 910-341-7888 forty-eight (48) hours prior to any excavation in the right-of-way.
9. Traffic Engineering must approve of pavement marking prior to actual striping.
10. All parking stall markings and lane arrows within the parking areas shall be white.
11. All traffic control signs and markings off the right-of-way are to be maintained by the property owner.
12. Stop signs and street signs to remain in place during construction.
13. Tactile warning mats will be installed on all wheelchair ramps.
14. A utility cut permit is required for each open cut of a city street.
15. Any broken or missing sidewalk panels will be replaced.
16. Contact Karen Dixon at 910-341-7888 to discuss street lighting options.
17. Water and sewer service shall meet Cape Fear Public Utility Authority (CFPUA) details and specifications.
18. Project shall comply with CFPUA Cross Connection Control requirements. Water meter(s) cannot be released until all requirements are met and the State has given their final approval. Call 910-343-3910 for information.
19. If the contractor desires CFPUA water for construction, he shall apply in advance for this service and must provide a reduced pressure zone (RPZ) backflow prevention device on the developer's side of the water meter box.
20. Any irrigation system supplied by CFPUA water shall comply with the CFPUA Cross Connection Control regulations. Call 919-343-3910 for information.
21. Any irrigation system shall be equipped with a rain and freezer sensor.
22. Any backflow prevention devices required by the CFPUA will need to be on the list of approved devices by USCFCCCHR or ASSE.
23. Contractor to field verify existing water and sewer service locations, sizes and materials prior to construction. Engineer to be notified of any conflicts.
24. Contractor shall maintain all-weather access for emergency vehicles at all times during construction.

25. Underground fire line(s) must be permitted and inspected by the Wilmington Fire Department from the public right-of-way to the building. Contact the Wilmington Fire Department Division of Fire and Life Safety at 910-341-0696.
26. No obstructions are permitted in the space between thirty (30) inches and ten (10) feet above the ground within the triangular sight distance.
27. Contact the North Carolina One Call Center at 1-800-632-4949 prior to doing any digging, clearing, or grading
~~28. A tree removal permit is required.~~

Designed MUP
Drawn MSP
Checked MUP
Approved MARIE U. PEEDIN

SITE-UTILITY PLAN

FAMILY DOLLAR STORE
709 S. 16TH STREET
WILMINGTON, NC

PAMLICO ENGINEERING SERVICES, PLLC
LICENSE NO. P-0530

Pamlico Engineering Services

PAMLICO ENGINEERING SERVICES
128 Abbey Lane
Washington, NC 27889
252-945-2983
mpeedin@pamlicoengineeringservices.com

REVISIONS	
Date	Description

File No. 14001
Scale: 1" = 20'
Sheet No.
C-001