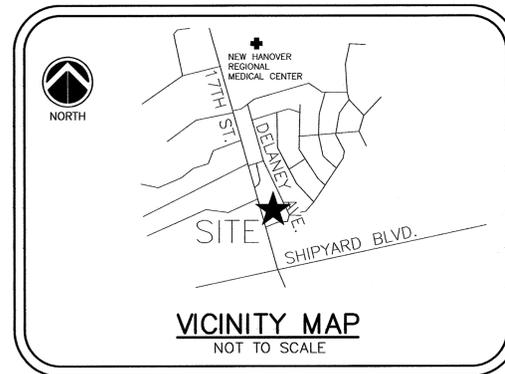


# SITE DEVELOPMENT PLANS

for

# Reeds Jewelers Commerce Facility

2525 S. 17th Street  
Wilmington, North Carolina



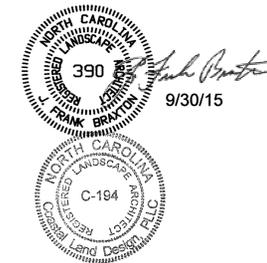
**General Notes:**

1. Prior to any clearing, grading, or construction activity, tree protection fencing will be installed around protected trees or groves of trees and no construction workers, materials, or vehicles are permitted within the tree protection fencing.
2. All pavement markings in public rights-of-way and for driveways are to be thermoplastic and meet City and/or NCDOT standards.
4. 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.
5. Contact Traffic Engineering at 341-7888 to ensure that all traffic signals facilities and equipment are shown on the plan. Add a note to call Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right-of-way.
6. Any broken or missing sidewalk panels, driveway panels and curbing will be replaced.
8. Project shall comply with the CFPWA Cross Connection Control requirements. Water meter(s) cannot be released until all requirements are met and the State has given its Final Approval. Call 332-6419 for information.
9. If the contractor desires CFPWA 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.
10. Any irrigation system supplied by CFPWA water shall comply with the CFPWA's Connection Control regulations. Call 332-6419 for information.
11. Any backflow prevention devices required by the CFPWA will need to be on the list of approved devices for USCFCCHR or ASSE.
12. A Landscaping Plan indicating the location of required street trees shall be submitted to the City of Wilmington Traffic Engineering Division and the Parks and Recreation Department for review and approval prior to the recording of the final plat.
13. Permitting of business identification signage is a separate process. NCDOT/City of Wilmington will not allow obstructions within the right of way.
14. Prior to any clearing, grading or construction activity, tree protection fencing will be installed around protected trees or groves of trees and no construction workers, tools, materials or vehicles are permitted within the tree protection fencing.
15. All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
16. Install reflectors per City and NCDOT standards. Traffic Engineering must approve of pavement marking layout prior to actual striping.
17. All parking stall markings and lane arrows within parking areas shall be white.
18. A utility cut permit is required for each open cut of a City street. Contact 910-341-5888 for details. In certain cases, an entire resurfacing of the area being open cut may be required.

CONTENTS	
INV-1	EXISTING CONDITIONS & DEMOLITION
SP-2	SITE PLAN
SP-3	GRADING & DRAINAGE PLAN
SP-4	LANDSCAPE PLAN
SP-5	DETAILS
SP-6	DETAILS

△ SIDEWALK REV TO 4' WIDE 2/5/16

**OWNER:**  
**Zimco**  
P.O. Box 2628  
Wilmington, NC 28402



For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

**CITY OF WILMINGTON**  
NORTH CAROLINA  
Public Services Engineering Division  
APPROVED DRAINAGE PLAN  
Date: 2/11/16 Permit #: 2016-009  
Signed: [Signature]

**CITY OF WILMINGTON**  
NORTH CAROLINA  
Approved Construction Plan  
Name: [Signature] Date: 2/11/16  
Planning: [Signature] 2/11/16  
Traffic: [Signature] 2-11-16  
Fire: [Signature] 2-12-16



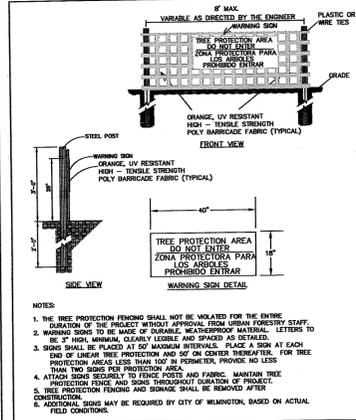
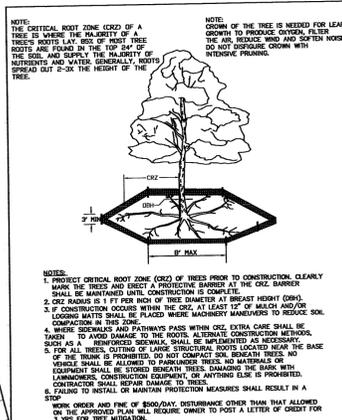
**Coastal Land Design, PLLC**

Civil Engineering / Landscape Architecture  
Land Planning / Construction Management

NCBELS Firm License No: P-0369

P.O. Box 1172 Phone: 910-254-9333  
Wilmington, NC 28402 www.cldeng.com Fax: 910-254-0502

**UTILITY LOCATION NOTE:**  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OR RELOCATION OF ALL UTILITIES IN COORDINATION WITH THE APPROPRIATE UTILITY AGENCY OR COMPANY. THE CONTRACTOR IS REQUIRED TO CALL THE "NORTH CAROLINA ONE CALL CENTER" 1-800-632-4945 OR 811 BEFORE DIGGING.

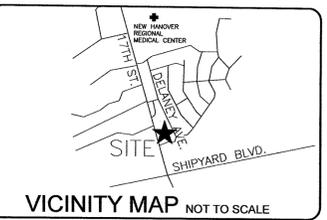
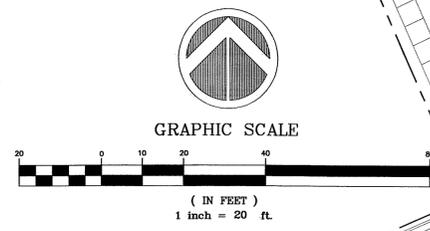


**CITY OF WILMINGTON**  
NORTH CAROLINA  
Public Services Engineering Division  
APPROVED DRAINAGE PLAN

Date: 2/11/16 Permit #: 2016009  
Signed: J. Ch...

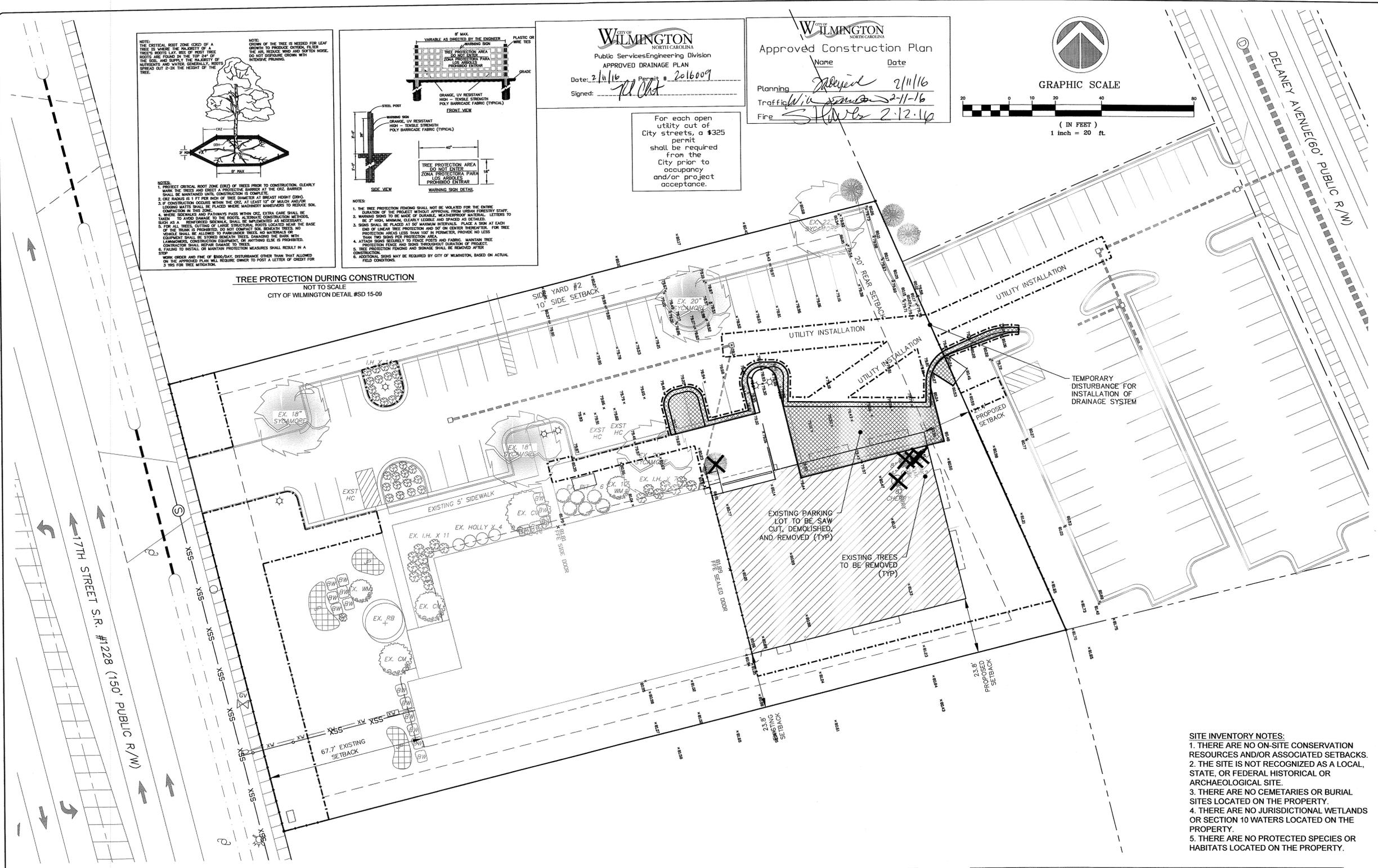
**Approved Construction Plan**  
Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Planning: *Approved* 2/11/16  
Traffic: *Approved* 2/11/16  
Fire: *Approved* 2/12/16

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



- LEGEND:**
- PROPERTY BOUNDARY
  - EXISTING EASEMENT
  - EXISTING ROAD OR PARKING
  - EXISTING DRAINAGE PIPE
  - EXISTING SPOT ELEVATIONS
  - EXISTING SPOT ELEVATIONS
  - DEMOLISHED CURB AND GUTTER
  - PROPOSED ROAD OR PARKING
  - PROPOSED DRAINAGE PIPE
  - PROPOSED PAVEMENT DEMOLITION
  - PROPOSED BUILDING FOOTPRINT
  - PROPOSED SIDEWALK/CONCRETE
  - PROPOSED DRAINAGE DIRECTION
  - PROPOSED SPOT ELEVATIONS

**TREE PROTECTION DURING CONSTRUCTION**  
NOT TO SCALE  
CITY OF WILMINGTON DETAIL #SD 15-09



- GENERAL NOTES:**
- SITE INFORMATION
    - ADDRESS: 2525 S. 17TH STREET
    - PARCEL PIN#: R6015-002-001-012
    - DEED BOOK 1587, PAGE 1478
    - ZONING: OBI 1
    - PARCEL SIZE: 1.53 ACRES ±
  - BOUNDARY SURVEY, TOPOGRAPHIC SURVEY AS SHOWN ON THIS PLAN WERE PROVIDED BY THIRD PARTY SERVICES, AND WERE SCALED FROM PUBLIC RECORDS.
  - NO WETLANDS WERE IDENTIFIED ON SITE.
  - CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES ABOVE AND BELOW GROUND BEFORE COMMENCING CONSTRUCTION.
  - CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIALS GENERATED THROUGH DEMOLITION AND GRUBBING ACTIVITIES SHOWN.
  - THE DISTURBED AREA FOR THE CONSTRUCTION OF THIS PROJECT IS 0.5 ACRES.
  - ALL DISTURBED AREAS ARE TO BE SEED, FERTILIZED, AND MULCHED, OR ELSEWISE ADEQUATELY STABILIZED, WITHIN 15 WORKING DAYS.
  - ALL REGULATED TREES IN DISTURBED AREA ARE TO BE PROTECTED AS PER CITY OF WILMINGTON REGULATIONS.
  - ALL STORM DRAIN DEVICES ARE DESIGNED TO PROVIDE POSITIVE DRAINAGE.

EXISTING PLANTS	
IH	INDIAN HAWTHORNE
SYC	SYCAMORE TREE
WM	WAX MYRTLE
PIT	PITTIOSPORUM
CM	CREPE MYRTLE
BW	BOXWOOD
JP	JUNIPER
RB	RIVER BIRCH

INFILTRATION SYSTEM (EXISTING)		INFILTRATION SYSTEM (PROPOSED)	
<b>OVERALL AREA</b>		<b>OVERALL AREA</b>	
TOTAL BASIN AREA	= 66,500 SF	TOTAL BASIN AREA	= 58,620 SF
<b>IMPERVIOUS AREA</b>		<b>IMPERVIOUS AREA</b>	
ON-SITE BUILDINGS	= 10,175 SF	ON-SITE BUILDINGS	= 10,175 SF
ON-SITE STREETS	= NONE	ON-SITE STREETS	= NONE
ON-SITE PARKING	= 18,425 SF	ON-SITE PARKING	= 16,712 SF
ON-SITE SIDEWALK	= 881 SF	ON-SITE SIDEWALK	= 2,627 SF
OTHER ON-SITE	= 124 SF	OTHER ON-SITE	= 61 SF
OFF-SITE	= NONE	OFF-SITE	= NONE
TOTAL	= 29,605 SF	TOTAL	= 29,575 SF
<b>BASIN DENSITY</b>		<b>BASIN DENSITY</b>	
29,605 SF / 66,500 SF (100) = 44.5%		29,575 SF / 58,620 SF (100) = 50.4%	

OVERALL SITE (EXISTING)		OVERALL SITE (PROPOSED)	
<b>OVERALL AREA</b>		<b>OVERALL AREA</b>	
TOTAL PROPERTY AREA	= 66,500 SF	TOTAL PROPERTY AREA	= 66,500 SF
<b>IMPERVIOUS AREA</b>		<b>IMPERVIOUS AREA</b>	
ON-SITE BUILDINGS	= 10,175 SF	ON-SITE BUILDINGS	= 17,201 SF
ON-SITE STREETS	= NONE	ON-SITE STREETS	= NONE
ON-SITE PARKING	= 18,425 SF	ON-SITE PARKING	= 16,652 SF
ON-SITE SIDEWALK	= 881 SF	ON-SITE SIDEWALK	= 2,776 SF
OTHER ON-SITE	= 109 SF	OTHER ON-SITE	= 807 SF
OFF-SITE	= NONE	OFF-SITE	= NONE
TOTAL	= 29,590 SF	TOTAL	= 37,436 SF
<b>PROPERTY DENSITY</b>		<b>PROPERTY DENSITY</b>	
29,590 SF / 66,500 SF (100) = 44.5%		37,436 SF / 66,500 SF (100) = 56.3%	

- SITE INVENTORY NOTES:**
- THERE ARE NO ON-SITE CONSERVATION RESOURCES AND/OR ASSOCIATED SETBACKS.
  - THE SITE IS NOT RECOGNIZED AS A LOCAL, STATE, OR FEDERAL HISTORICAL OR ARCHAEOLOGICAL SITE.
  - THERE ARE NO CEMETARIES OR BURIAL SITES LOCATED ON THE PROPERTY.
  - THERE ARE NO JURISDICTIONAL WETLANDS OR SECTION 10 WATERS LOCATED ON THE PROPERTY.
  - THERE ARE NO PROTECTED SPECIES OR HABITATS LOCATED ON THE PROPERTY.

REV. #	DESCRIPTION	REV. BY	DATE
1	REVISIONS		

390  
9/30/15

**OWNER:**  
Zimco  
P.O. Box 2628  
Wilmington, NC 28402

**Coastal Land Design, PLLC**  
Civil Engineering / Landscape Architecture  
Land Planning / Construction Management  
NCBELS Firm License No: P-0369  
P.O. Box 1172 Wilmington, NC 28402 www.cldesign.com Phone: 910-254-9033 Fax: 910-254-0822

DRAWN : R. LEWIS	PROJECT : 149-01
DESIGN : F. BRAXTON	NUMBER : 1
CHECK : J. CARMINE	SCALE : 1" = 20'
APPROVED : J. PETROFF	DATE : 7 DEC 2015
FILE NAME :	

**REEDS JEWELERS  
COMMERCE FACILITY**

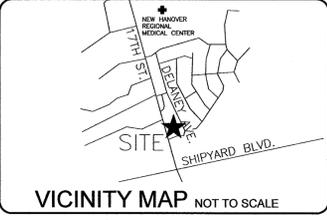
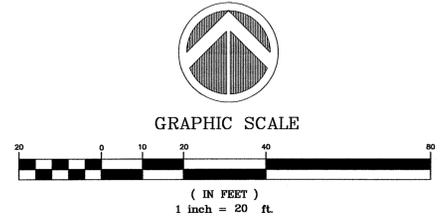
**EXISTING SITE AND  
DEMOLITION PLAN**

JOB NUMBER <b>149-01</b>	SHEET NUMBER <b>INV-1</b>
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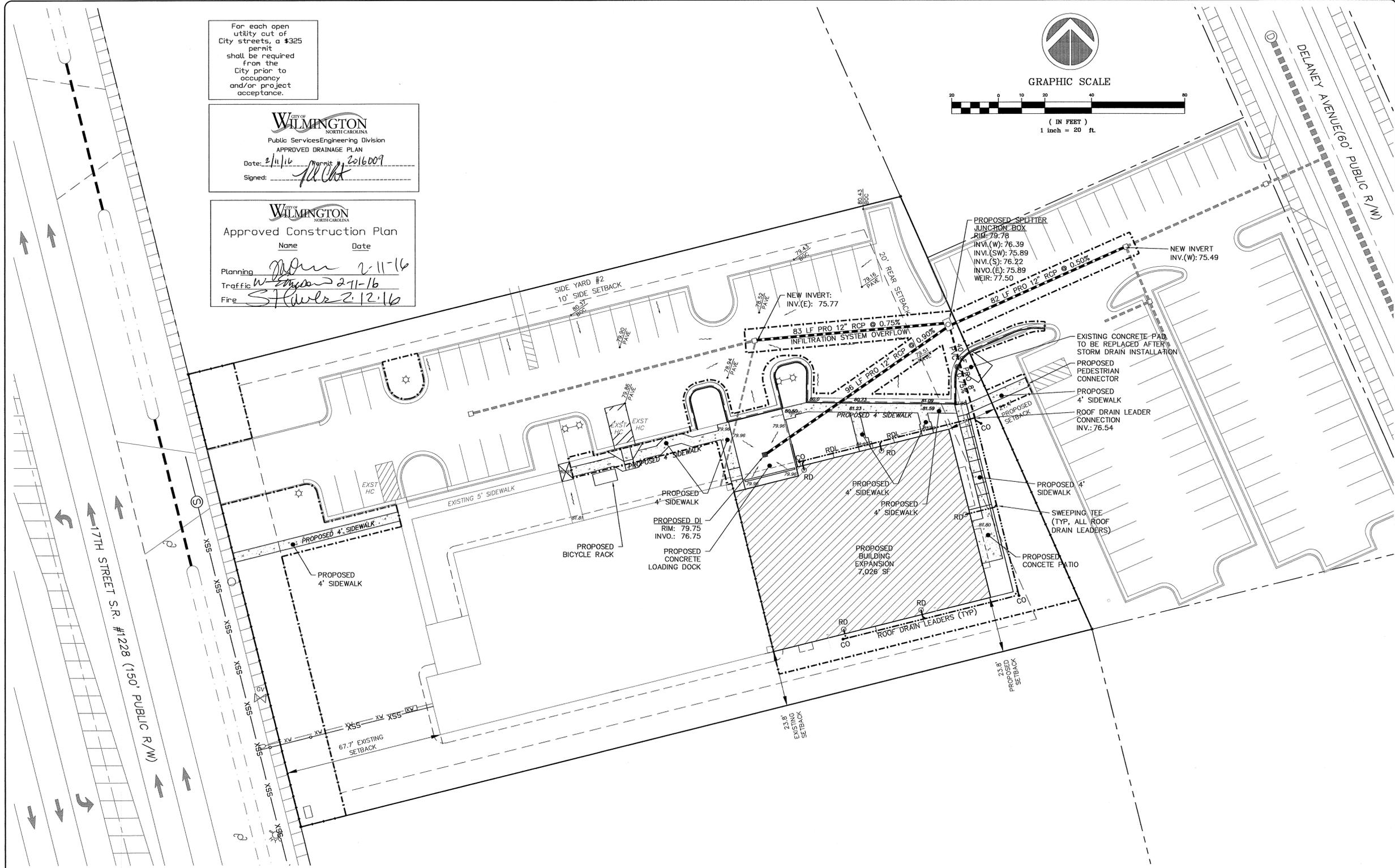
**CITY OF WILMINGTON**  
 NORTH CAROLINA  
 Public Services Engineering Division  
 APPROVED DRAINAGE PLAN  
 Date: 2/11/16 Permit: 2016009  
 Signed: *[Signature]*

**CITY OF WILMINGTON**  
 NORTH CAROLINA  
 Approved Construction Plan  
 Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Planning: *[Signature]* 2-11-16  
 Traffic: *[Signature]* 2-11-16  
 Fire: *[Signature]* 2-12-16



**LEGEND:**

- PROPERTY BOUNDARY
- EXISTING EASEMENT
- EXISTING ROAD OR PARKING
- EXISTING DRAINAGE PIPE
- EXISTING SPOT ELEVATIONS
- EXISTING SPOT ELEVATIONS
- DEMOLISHED CURB AND GUTTER
- PROPOSED ROAD OR PARKING
- PROPOSED DRAINAGE PIPE
- PROPOSED PAVEMENT DEMOLITION
- PROPOSED BUILDING FOOTPRINT
- PROPOSED SIDEWALK/CONCRETE
- PROPOSED DRAINAGE DIRECTION
- PROPOSED SPOT ELEVATIONS



REVISIONS

REV. #	DESCRIPTION	REV. BY	DATE
1	SIDEWALK REV TO 4' WIDE		2/5/16

**Professional Engineer Seal:**  
 390  
 9/30/15

**OWNER:**  
 Zimco  
 P.O. Box 2628  
 Wilmington, NC 28402

**Coastal Land Design, PLLC**  
 Civil Engineering / Landscape Architecture  
 Land Planning / Construction Management  
 NCBELS Firm License No: P-0269  
 P.O. Box 1172  
 Wilmington, NC 28402 Phone: 910-254-9833  
 Fax: 910-254-0502

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    - PARCEL PIN#: R6D15-002-001-012
    - DEED BOOK 1587, PAGE 1478
    - ZONING: O&I 1
    - PARCEL SIZE: 1.53 ACRES ±
  - BOUNDARY SURVEY, TOPOGRAPHIC SURVEY AS SHOWN ON THIS PLAN WERE PROVIDED BY THIRD PARTY SERVICES, AND WERE SCALED FROM PUBLIC RECORDS.
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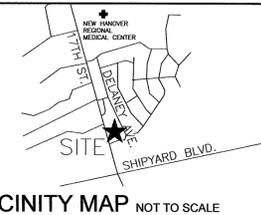
INFILTRATION SYSTEM (EXISTING)		INFILTRATION SYSTEM (PROPOSED)	
<b>OVERALL AREA</b>		<b>OVERALL AREA</b>	
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OFF-SITE	= NONE	OFF-SITE	= NONE
TOTAL	= 29,605 SF	TOTAL	= 29,575 SF
<b>BASIN DENSITY</b>		<b>BASIN DENSITY</b>	
29,605 SF / 66,500 SF (100) = 44.5%		29,575 SF / 58,620 SF (100) = 50.4%	

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OTHER ON-SITE	= 109 SF	OTHER ON-SITE	= 807 SF
OFF-SITE	= NONE	OFF-SITE	= NONE
TOTAL	= 29,590 SF	TOTAL	= 37,436 SF
<b>PROPERTY DENSITY</b>		<b>PROPERTY DENSITY</b>	
29,290 SF / 66,500 SF (100) = 44.5%		37,436 SF / 66,500 SF (100) = 56.3%	

**REEDS JEWELERS  
 COMMERCE FACILITY**

**PROPOSED SITE AND  
 DRAINAGE PLAN**



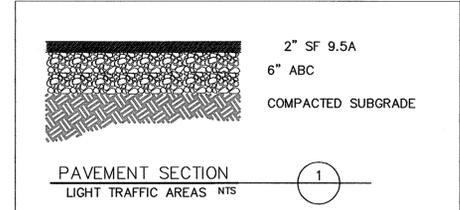
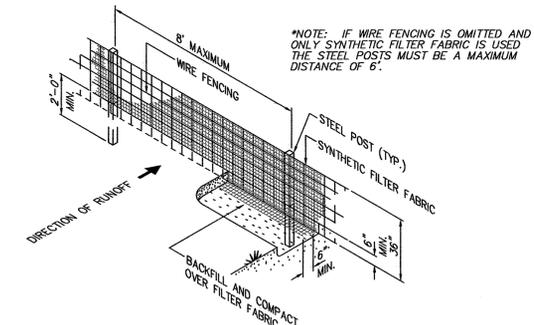


VICINITY MAP NOT TO SCALE

LEGEND:

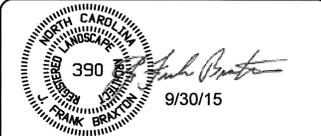
- SEDIMENT FENCE CONSTRUCTION SPECIFICATIONS:**
- (1) SILT FENCE IS TO BE TRENCHED IN WITH TRENCHING MACHINE IN ORDER TO HAVE THE MINIMUM AREA OF DISTURBANCE (NON-EVASIVE) UPON INSTALLATION.
  - (2) HEIGHT OF SEDIMENT FENCE IS NOT TO EXCEED 18" ABOVE THE GROUND SURFACE.
  - (3) FILTER FABRIC TO BE CONSTRUCTED FROM CONTINUOUS ROLL, CUT TO LENGTH TO AVOID JOINTS. IF JOINTS ARE NECESSARY, FILTER CLOTH IS TO BE SECURELY FASTENED TO SUPPORT POST WITH OVERLAP TO THE NEXT POST.
  - (4) FILTER FABRIC TO BE SUPPORTED BY WIRE MESH FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY STAPLES AT LEAST 1" LONG OR THE WIRE. EXTEND WIRE MESH SUPPORT TO THE BOTTOM OF THE TRENCH.
  - (5) A MAXIMUM OF 8' STAKE SPACING IS ALLOWED WHEN WIRE MESH SUPPORT FENCE IS USED. SUPPORT POST SHOULD BE DRIVEN SECURELY INTO THE GROUND A DISTANCE OF AT LEAST 18".
  - (6) EXTRA STRENGTH FILTER FABRIC WITH 6" POST SPACES DOES NOT REQUIRE WIRE MESH SUPPORT FENCE. STAPLE OR WIRE THE FILTER FABRIC DIRECTLY TO POSTS.
  - (7) EXCAVATE A TRENCH APPROXIMATELY 4" WIDE AND 8" DEEP ALONG THE PROPOSED LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
  - (8) BACKFILL TRENCH WITH COMPACT SOIL OR GRAVEL PLACED OVER THE FILTER FABRIC.
  - (9) DO NOT ATTACH FILTER FABRIC TO EXISTING TREES.

- SEDIMENT FENCE MAINTENANCE:**
- (1) INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
  - (2) SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REPLACE BURLAP EVERY 60 DAYS.
  - (3) REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
  - (4) REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



FINAL PAVEMENT DESIGN MAY VARY WITH FIELD CONDITIONS.

REV. #	DESCRIPTION	REV. BY	DATE
1	SIDEWALK REV TO 4' WIDE		2/5/16



**OWNER:**  
Zimco  
P.O. Box 2628  
Wilmington, NC 28402

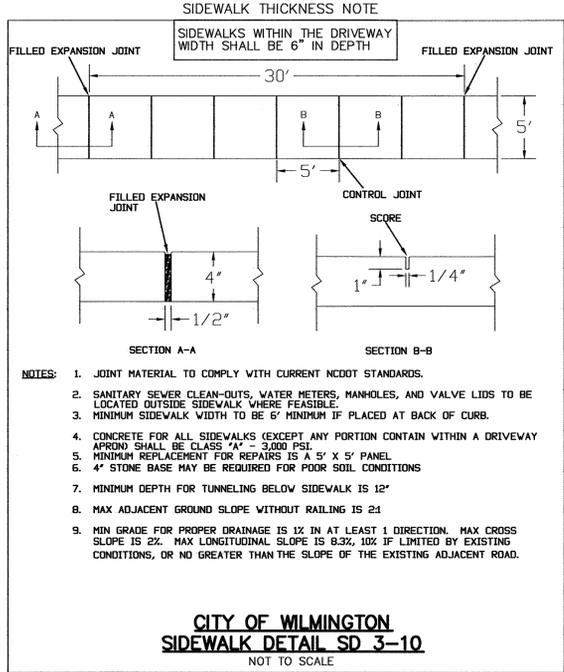
**Coastal Land Design, PLLC**  
Civil Engineering / Landscape Architecture  
Land Planning / Construction Management  
NCBELS Firm License No: P-0369  
P.O. Box 1172 Phone: 910-254-9333  
Wilmington, NC 28402 www.cldeng.com Fax: 910-254-0502

DRAWN : R. LEVIS	PROJECT : 149-01
DESIGN : F. BRAXTON	NUMBER : N/A
CHECK : J. PETROFF	SCALE : N/A
APPROVED : F. BRAXTON	DATE : 29 JULY 2015
FILE NAME :	

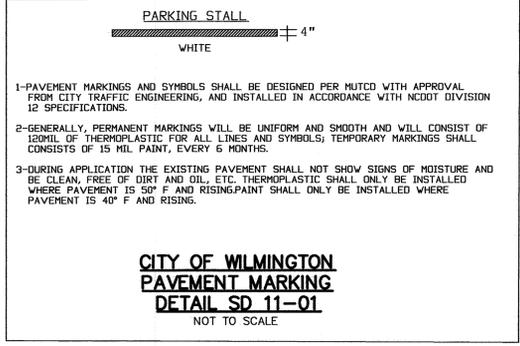
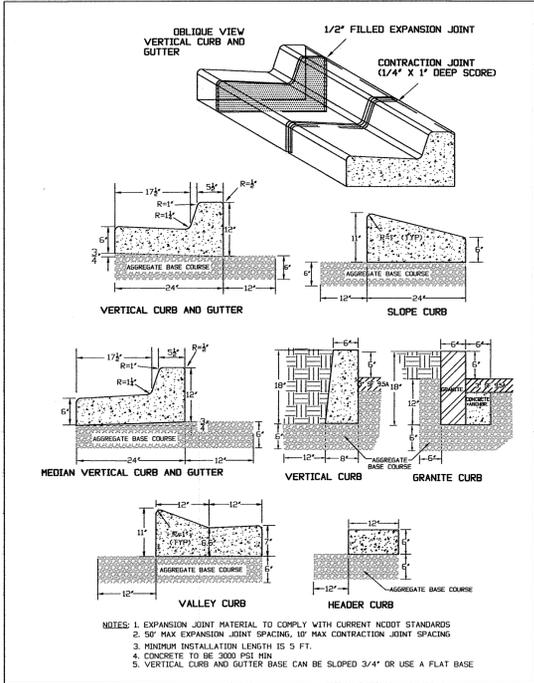
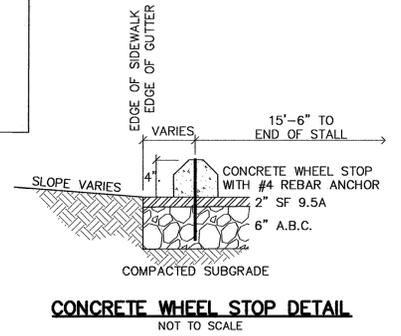
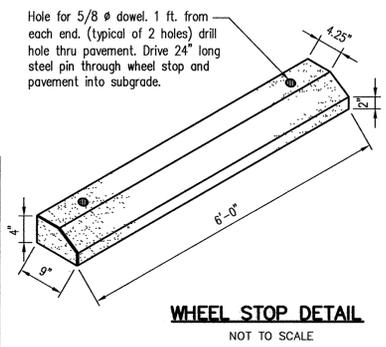
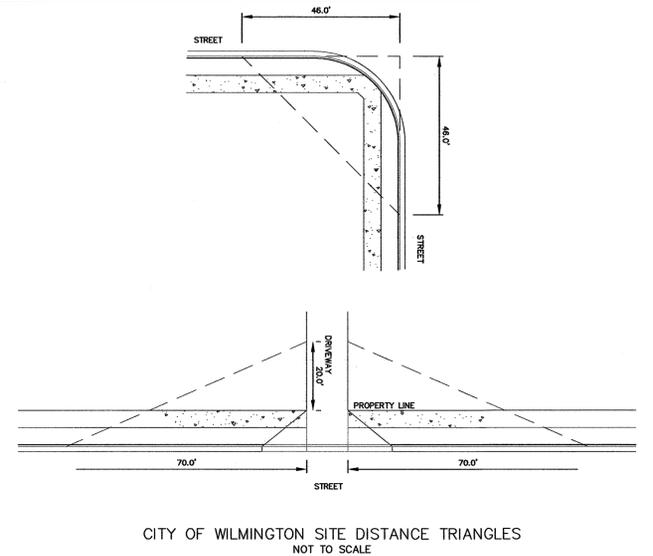
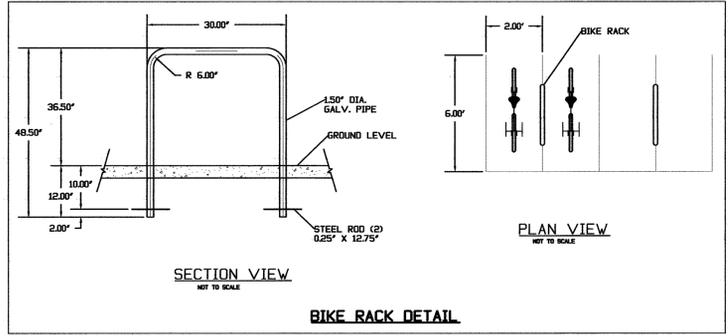
**REEDS JEWELERS  
COMMERCE FACILITY**

**DETAILS**

JOB NUMBER <b>149-01</b>	SHEET NUMBER <b>SP-5</b>
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PRIVATE SIDEWALK WIDTH MAY VARY  
SEE SITE PLAN FOR WIDTH



For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

**CITY OF WILMINGTON**  
APPROVED CONSTRUCTION PLAN

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Planning: \_\_\_\_\_  
Traffic: \_\_\_\_\_  
Fire: \_\_\_\_\_

**CITY OF WILMINGTON**  
Public Services Engineering Division  
APPROVED DRAINAGE PLAN

Date: 2/16/16 Permit #: 2016009  
Signed: \_\_\_\_\_

**LANDSCAPE NOTES**

- ALL LANDSCAPE MATERIAL MUST BE INSTALLED PRIOR TO FINAL BUILDING INSPECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR RELOCATION OF EXISTING UTILITIES IN COORDINATION WITH THE APPROPRIATE UTILITY AGENCY OR COMPANY.
- CONTRACTOR SHALL NOT SUBSTITUTE FOR ANY OF THE PLANT MATERIAL THAT IS SPECIFIED WITHOUT PRIOR APPROVAL OF COASTAL LAND DESIGN.
- VERIFICATION OF TOTAL QUANTITIES AS SHOWN IN THE PLANT LIST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- MULCH UNDER ALL PROPOSED TREES AND SHRUBS WITH PINE NEEDLES AT A 3"-4" DEPTH.
- PLANT SIZES INDICATED SPECIFY MINIMUM ALLOWABLE SIZES AT PLANTING. WHERE CONTAINER AND HT. SIZES ARE INDICATED FOR A SINGLE SPECIES, BOTH SIZE REQUIREMENTS MUST BE MET.
- THERE SHALL BE AT LEAST A 3 FT. SEPARATION BETWEEN LANDSCAPED AREAS AND PARKING AREAS TO ALLOW VEHICLE OVERHANG.
- ALL PLANTINGS USED TO SCREEN THE DRIVES AND PARKING AREAS FROM ADJOINING ROADWAYS WILL NEED TO BE A MINIMUM OF 24" HIGH AT TIME OF INSTALLATION.
- ALL OTHER AREAS NOT BEING MULCHED TO BE SEEDED WITH REBEL FESCUE OR EQUAL.
- THE OWNERS OF THE PROPERTY AND THEIR AGENTS, HEIRS, OR ASSIGNS SHALL BE RESPONSIBLE FOR THE INSTALLATION, PRESERVATION AND MAINTENANCE OF ALL PLANTING AND PHYSICAL FEATURES SHOWN ON THIS PLAN. THE OWNERS SHALL BE RESPONSIBLE FOR ANNUAL MAINTENANCE OF THE VEGETATION TO INCLUDE BUT NOT BE LIMITED TO:

**A. FERTILIZATION**

TREES/SHRUBS AND GRASSED AREAS BROADCAST A SLOW RELEASE FERTILIZER OVER THE MULCHED BEDS AT THE RECOMMENDED RATES AS SHOWN ON THE BAGS, ONCE MID-FEBRUARY AND ONCE MID-SEPTEMBER. THOROUGH WATERING IS REQUIRED UPON COMPLETION.

**B. PRUNING WITHIN LIMITS**

PRUNING WHEN NECESSARY, WILL BE DONE TO MAINTAIN THEIR NORMAL GROWTH PATTERN AND TO REMOVE DEAD OR DISEASED PLANT MATERIAL. THERE SHALL BE NO TOPPING OF TREES.

**C. PEST CONTROL (OPTIONAL)**

WEED CONTROL TO BE PROVIDED EARLY FEBRUARY, APRIL, JUNE, AUGUST AND OCTOBER IN THE SHRUB/TREE BEDS AND IN THE LAWN AREAS. INSECT DAMAGE SHALL BE TREATED WHEN NECESSARY TO PREVENT DAMAGE TO VEGETATION.

**D. MULCHING**

ALL AREAS AROUND THE BUILDING FOUNDATION AND SHRUB/TREE BEDS SHALL BE RE-MULCHED SO THAT THEY CONTAIN A MIN. DEPTH OF TWO INCHES AND A MAXIMUM DEPTH OF THREE INCHES. MULCH USED SHALL EQUAL WHICH WAS SUPPLIED DURING THE INSTALLATION OF THE PLANTS.

**E. MOWING**

MOWING SHALL BE DONE AS NECESSARY TO KEEP GRASS AT THE APPROPRIATE HEIGHT TO INSURE A HEALTHY GROWTH PATTERN

**F. PROTECTION OF ROOT ZONES**

TREE/SHRUB ROOT ZONES SHOULD BE PROTECTED FROM FUTURE CONSTRUCTION AND EQUIPMENT AS MUCH AS POSSIBLE TO AVOID DAMAGE OR COMPACTION TO THE ROOT AREAS.

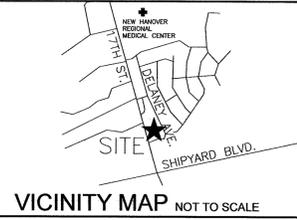
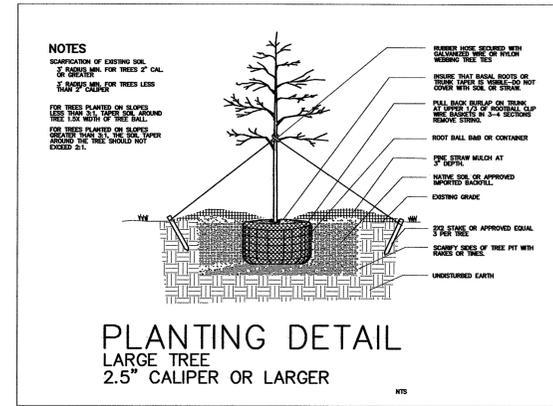
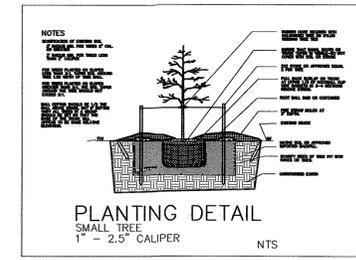
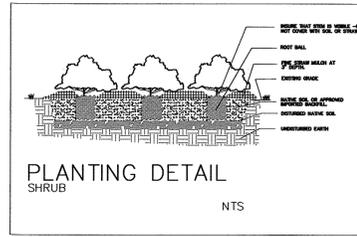
**G. WATERING SCHEDULE FOR IRRIGATION SYSTEM**

MAINTENANCE SHALL INCLUDE A THOROUGH INITIAL WATERING WITH WEEKLY WATERINGS THEREAFTER FOR THE FIRST 30 DAYS. WATERINGS THEREAFTER BE ON A BI-WEEKLY BASIS.

**H. STAKE AND WIRE REMOVAL**

AT THE END OF THE FIRST YEAR ALL PLANT STAKING AND GUYING SYSTEMS SHALL BE REMOVED.

FAILURE TO MAINTAIN ALL PLANTINGS IN ACCORDANCE TO THIS PLAN MAY CONSTITUTE A VIOLATION OF THE UNIFIED DEVELOPMENT ORDINANCE AND MAY RESULT IN FINES.



**LEGEND:**

REVISIONS

REV. #	DESCRIPTION	REV. BY	DATE

**OWNER:**  
Zimco  
P.O. Box 2628  
Wilmington, NC 28402

**Coastal Land Design, PLLC**  
Civil Engineering / Landscape Architecture  
Land Planning / Construction Management  
NCELS Firm License No: P-2369  
P.O. Box 1172  
Wilmington, NC 28402  
www.cldeng.com  
Phone: 910-254-8333  
Fax: 910-254-0502

**DRAWN :** R. LEVITS  
**DESIGN :** F. BRAXTON  
**CHECK :** J. PETROFF  
**APPROVED :** F. BRAXTON  
**PROJECT NUMBER :** 149-01  
**SCALE :** N/A  
**DATE :** 29 JULY 2015  
**FILE NAME :**

**REEDS JEWELERS**  
**COMMERCE FACILITY**

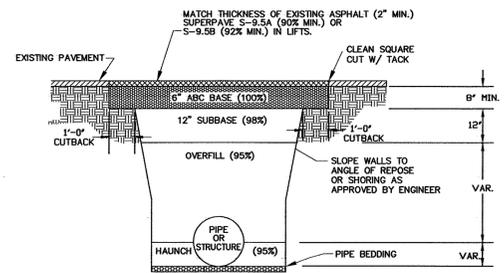
**DETAILS - 2**

**JOB NUMBER**  
149-01  
**SHEET NUMBER**  
SP-6

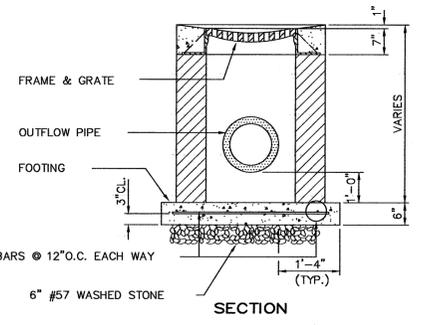
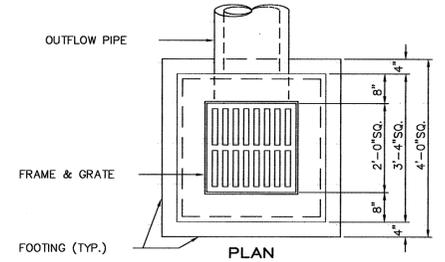
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

**City of WILMINGTON**  
Approved Construction Plan  
Name:                      Date:                       
Planning:                       
Traffic:                       
Fire:                     

**City of WILMINGTON**  
Public Services Engineering Division  
APPROVED DRAINAGE PLAN  
Date:                      Permit #                       
Signed:                     



- NOTES:**
- CONTRACTOR SHALL ENSURE BOTTOM OF TRENCH IS SUITABLE FOR INSTALLATION AND DOES NOT REQUIRE FOUNDATION CONDITIONING STONE.
  - FILL SHALL BE SUITABLE MATERIAL THAT IS FREE FROM HEAVY CLAY, GUMBOS, DEBRIS, ORGANICS AND LITTLE TO NO EXCESSIVE MOISTURE.
  - SELECT BACKFILL MAY BE SUBSTITUTED OR REQUIRED BY CITY TO ACHIEVE COMPACTION, (I.E. #57, ABC, CRUSHED LESTONE, CLEAN SAND, FLOWABLE FILL, ETC).
  - SOIL SHALL BE INSTALLED IN 6"-8" LIFTS AND COMPACTED BY A MECHANIZED TAMPER (I.E. JUMPING JACK), HOWEVER, VIBRATORY ROLLERS > 18" WIDTH MAY BE USED FOR LARGER EXCAVATIONS. THE PLATE TAMP METHOD SHALL NOT BE USED.
  - ALL APPROVED CASTINGS SHALL BE SET FLUSH TO GRADE AND SUPPORTED IF APPLICABLE.
  - COMPACT MATERIALS TO MINIMUM % DENSITY SHOWN IN DIAGRAM AS DETERMINED BY THE STANDARD PROCTOR METHOD ASTM D-698-A FOR SOILS; AND ASTM D-698-C FOR ABC STONE; AND BY NUCLEAR GAUGE OR CORE SAMPLE FOR ASPHALT.
  - CUTBACKS OF ASPHALT SHALL BE PREPARED ON EDGE OF EXCAVATION OVER TOP OF UNDISTURBED SOIL.



EQUAL TO NCDOT DETAILS 840-14 & 840-16

