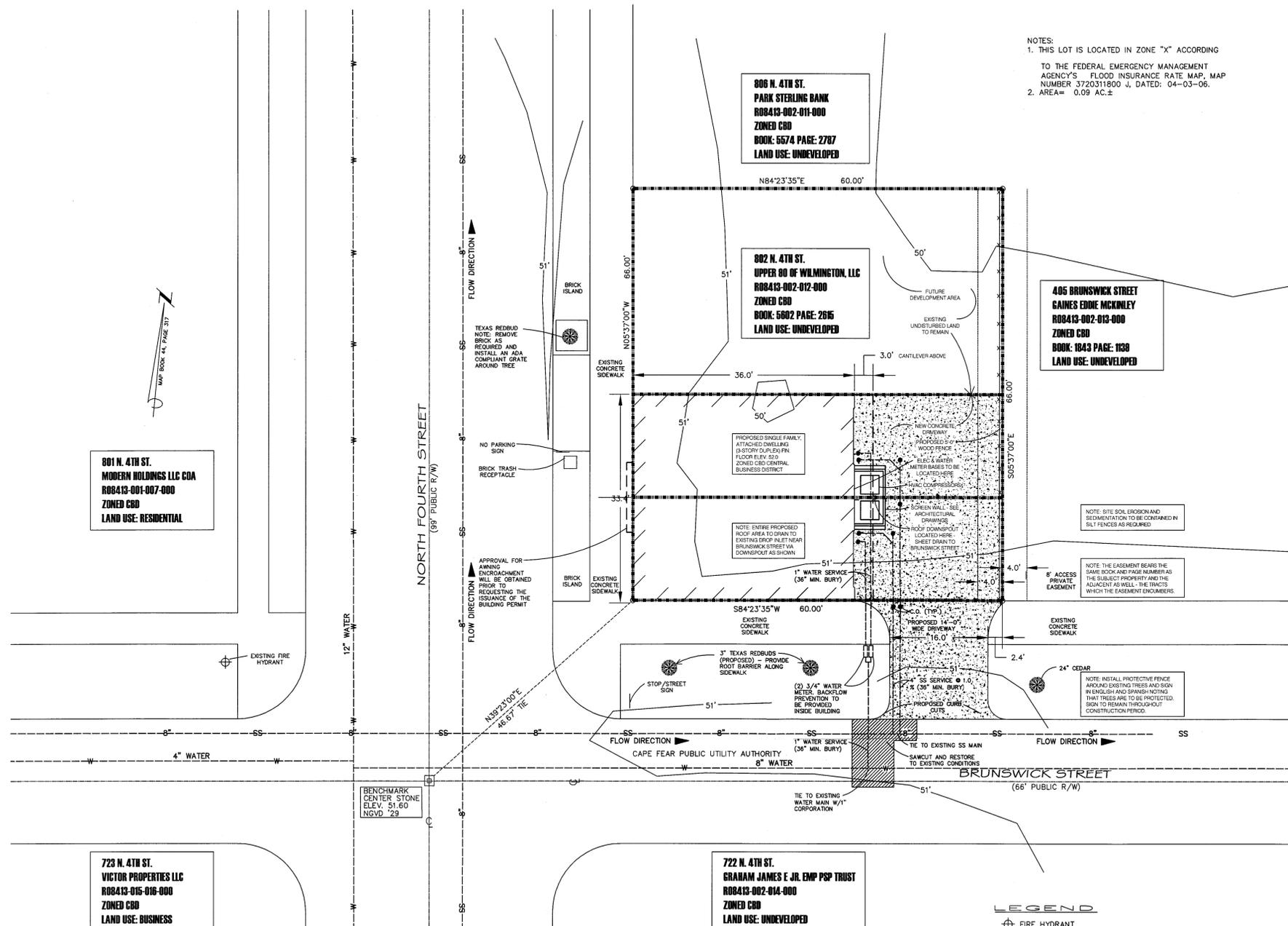


LOCATION MAP NOT TO SCALE



**801 N. 4TH ST.**  
**MODERN HOLDINGS LLC COA**  
**088413-001-007-000**  
**ZONED CBD**  
**LAND USE: RESIDENTIAL**

**806 N. 4TH ST.**  
**PARK STERLING BANK**  
**088413-002-011-000**  
**ZONED CBD**  
**BOOK: 5674 PAGE: 2787**  
**LAND USE: UNDEVELOPED**

**802 N. 4TH ST.**  
**UPPER 90 OF WILMINGTON, LLC**  
**088413-002-012-000**  
**ZONED CBD**  
**BOOK: 5602 PAGE: 2616**  
**LAND USE: UNDEVELOPED**

**406 BRUNSWICK STREET**  
**GAINES EDDIE MCKINLEY**  
**088413-002-013-000**  
**ZONED CBD**  
**BOOK: 1843 PAGE: 1538**  
**LAND USE: UNDEVELOPED**

**723 N. 4TH ST.**  
**VICTOR PROPERTIES LLC**  
**088413-015-016-000**  
**ZONED CBD**  
**LAND USE: BUSINESS**

**722 N. 4TH ST.**  
**GRANAM JAMES E JR. EMP PSP TRUST**  
**088413-002-014-000**  
**ZONED CBD**  
**LAND USE: UNDEVELOPED**

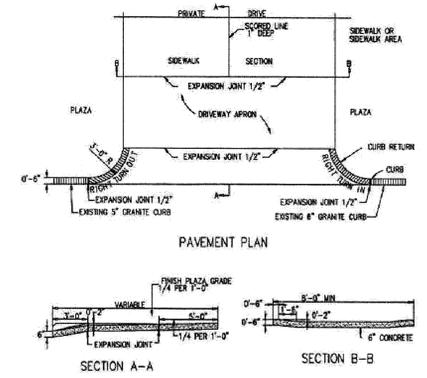
**NOTES:**  
 1. THIS LOT IS LOCATED IN ZONE "X" ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP, MAP NUMBER 3720311800 J, DATED: 04-03-06.  
 2. AREA = 0.09 AC.±

**GENERAL NOTES**

1. THIS PLAN PROPOSES THE CONSTRUCTION OF A 3 STORY, DUPLEX BUILDING (2 UNITS) AT PROPERTY ADDRESS 802 NORTH FOURTH STREET, WILMINGTON, NORTH CAROLINA 28401. THE PROPERTY IS ZONED CBD (CENTRAL BUSINESS DISTRICT) AND IDENTIFIED BY PID: R04813-002-012-000.
2. THE BOUNDARY DATA SHOWN WAS SURVEYED FROM DB 5602, PG 2615 AND MAP BOOK 11, PAGE 11. ADJOINING PROPERTY INFORMATION IS SHOWN HEREOF.
3. THE APPROVAL OF THESE PLANS SHALL IN NO WAY RELIEVE THE DEVELOPER OR HIS AGENT OF ANY LEGAL RESPONSIBILITY WHICH MAY BE REQUIRED BY THE CITY OF WILMINGTON.
4. ALL UNDERGROUND UTILITIES WITHIN STREET RIGHT-OF-WAYS SHALL BE INSTALLED TO THE REQUIRED DISTANCE BEYOND THE RIGHT-OF-WAY LINE PRIOR TO THE INSTALLATION OF ANY SUB MATERIAL, CURB AND GUTTER, OR SIDEWALK.
5. THE CONTRACTOR SHALL ARRANGE FOR THE LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO THE CONSTRUCTION INCLUDING TEST HOLES TO PHYSICALLY LOCATE UNDERGROUND UTILITIES AS NECESSARY. RESULTS OF TEST PITS SHALL BE PROVIDED TO THE ENGINEER FOR CONFORMANCE PRIOR TO CONSTRUCTION.
6. THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES, AS SHOWN HEREOF, ARE APPROXIMATE ONLY. NO GUARANTEE IS HEREIN MADE OR IMPLIED THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT SHALL THE BE THE CONTRACTOR'S AND/OR THE OWNER'S RESPONSIBILITY TO CONTACT UTILITY COMPANIES AND TO VERIFY THE TYPE, SIZE, LOCATION OF ALL EXISTING UTILITIES PRIOR TO STARTING THE WORK.
7. PUBLIC STREETS ARE DESIGNED TO THE CITY OF WILMINGTON TECHNICAL STANDARDS AND SPECIFICATIONS.
8. THIS PLAN MAKES NO REPRESENTATION AS TO SUBSURFACE CONDITIONS AND THE PRESENCE OF SUBSURFACE WATER OR THE NEED FOR SUBSURFACE DRAINAGE FACILITIES.
9. THE APPROVAL OF THESE PLANS SHALL NOT RELIEVE THE OWNER/DEVELOPER OF COMPLYING WITH OTHER APPLICABLE LOCAL, STATE, & FEDERAL REQUIREMENTS.
10. ALL CONSTRUCTION SHALL CONFORM TO CITY OF WILMINGTON TECHNICAL STANDARDS AND SPECIFICATIONS.
11. APPROVAL OF THIS PLAN DOES NOT GRANT APPROVAL TO TRESPASS ON THE OFF SITE PROPERTY.
12. ALL WORK MUST COMPLY WITH NORTH CAROLINA STATE BUILDING AND HANDICAPPED ACCESSIBILITY CODE VOL. 1C.
13. THIS PROJECT IS NOT WITHIN A FLOOD PLAIN.
14. CONSTRUCTION OF UTILITIES SHALL MEET ALL REQUIREMENTS AND SPECIFICATIONS OF THE CAPE FEAR PUBLIC UTILITY AUTHORITY.
15. 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.
16. 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.
17. CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT(48) HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.
18. ANY BROKEN OR MISSING SIDEWALK PANELS, BRICK PAVERS IN THE SIDEWALK AREA OR CURB WILL BE REPLACED IN CONFORMANCE WITH CITY OF WILMINGTON REQUIREMENTS AND SPECIFICATIONS.
19. SILT FENCE SHALL BE PLACED ALONG THE PROPERTY LINE TO SURROUND THE ENTIRE PARCEL.
20. TOPOGRAPHIC DATUM NGVD '29.
21. ALL ROOF RUNOFF SHALL BE DIRECTED AWAY FROM ADJACENT PROPERTY OWNERS AND DIRECTED TOWARD THE CITY STREET. (VIA GUTTER AND DOWN SPOUTS)
22. SITE INVENTORY IS NOT REQUIRED DUE TO THE SITE DISTURBANCE BEING LESS THAN ONE(1) ACRE PER YEAR.
23. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
24. TRASH DISPOSAL WILL BE CURB-SIDE PICKUP.
25. CONTACT THE NORTH CAROLINA ONE CALL CENTER PRIOR TO DOING ANY DIGGING AT 1-800-632-4949.
26. IF EXISTING SANITARY LATERAL IS LOCATED CONTRACTOR SHALL NOTIFY ENGINEER FOR MODIFICATION TO SANITARY LATERAL CONNECTION.
27. SOLID WASTE WILL BE ENCLOSED WITHIN THE PROPOSED STRUCTURE.
28. HVAC EQUIPMENT, AIR CONDITION WINDOW UNITS, AND OTHER ELECTRICAL EQUIPMENT SHALL NOT BE LOCATED ON THE STREET FRONTS AND SHALL BE SCREENED FROM THE RIGHT-OF-WAY.
29. UTILITY METERS AND TRANSFORMERS THAT CANNOT BE CONCEALED FROM THE PUBLIC RIGHT OF WAY SHALL BE SCREENED WITH AN OPAQUE FENCE OR WALL.
30. A TREE REMOVAL PERMIT IS NOT REQUIRED.
31. A FEDERAL, STATE, AND LOCAL PERMIT ARE REQUIRED PRIOR TO FULL CONSTRUCTION RELEASE. THIS INCLUDES BUT IS NOT LIMITED TO: STATE STORM WATER, STATE UTILITY EXTENSION PERMITS, WETLAND DISTURBANCE PERMITS, CITY STORM WATER, TREE PROTECTION PERMITS, ETC.
32. ALL NEW UTILITIES SHALL BE INSTALLED UNDERGROUND, EXCEPT WHERE SUCH PLACEMENT IS PROHIBITED OR DEEMED IMPRACTICAL BY THE UTILITY PROVIDER.
33. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 910.341.588 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN, BUT MAY BE REQUIRED.
34. IF THE EXISTING SIDEWALK IS DAMAGED DURING CONSTRUCTION, CONTRACTOR TO REPLACE THE SIDEWALK TO A THICKNESS OF 6".
35. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
36. PROJECT SHALL COMPLY WITH CPDUA CROSS CONNECTION CONTROL REQUIREMENTS: WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL. CALL 352-8588 FOR INFORMATION.
37. IF THE CONTRACTOR DESIRES CPDUA 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.
38. ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CPDUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCCOOR OR ASSE.
39. THE EXISTING SANITARY SEWER CLEANOUT SHOWN WITHIN THE SIDEWALK WILL BE LEVEL WITH THE NEW CONCRETE.
40. IF GARAGES ARE PROVIDED, SHOULD THEY EVER BE MODIFIED SUCH THAT A VEHICLE CANNOT PARK WITHIN THE GARAGE, THEN THE DRIVEWAY APRON SHALL BE REMOVED AND THE AREA RESTORED WITH THE APPROPRIATE CURBING.

**SITE DATA TABULATIONS:**

PROPERTY OWNER	UPPER 90 OF WILMINGTON, LLC
PROPERTY ADDRESS:	802 NORTH FOURTH WILMINGTON, NC 28401
PROPERTY ZONING	CBD
ADJACENT PARCELS ZONING	CBD
PROPOSED USE	SINGLE FAMILY, ATTACHED
SETBACKS	
REQUIRED	
NEW BUILDINGS SHALL BE CONSTRUCTED AS A SETBACK NO GREATER THAN 5 FEET FROM THE PUBLIC RIGHT-OF-WAY.	
REAR SETBACK	NONE
SIDE SETBACK	NONE
REAR SETBACK PROVIDED	
FRONT SETBACK	0.5 FT TO BUILDING FACE
REAR SETBACK	12.4' FROM DECK
TOTAL SITE AREA	0.07 AC/3,181 SF
SQUARE FOOTAGE CALCULATIONS:	
EXISTING BUILDING SIZE	VACANT LOT
PROPOSED BUILDING SIZE:	
GARAGE LEVEL	1,186 SF
2ND FLOOR	1,169 SF
3RD FLOOR	1,147 SF
TOTAL SQUARE FOOTAGE	3,422 SF
NUMBER OF STORIES	3
NUMBER OF UNITS	2
NUMBER OF BEDROOMS PER UNIT	2
NUMBER OF BUILDINGS	1 (DUPLX)
BUILDING HEIGHT:	
HEIGHT REQUIREMENT (MIN./BY-RIGHT/MAX.)	24 FT/60 FT/70 FT
BUILDING HEIGHT PROVIDED	38 FT
[PER CITY CODE SEC. 18-196.(e).(4).c]	NONE
EXISTING IMPERVIOUS AREA	
PROPOSED IMPERVIOUS FOOTPRINT	1,980 SF
PERCENT OF IMPERVIOUS AREA	60%
LOT COVERAGE:	
REQUIRED	NONE
PROVIDED	60%
OFF STREET PARKING:	
MINIMUM PARKING REQUIRED	0
MAXIMUM PARKING REQUIRED	0
TOTAL PARKING PROVIDED	2
CAMA LAND USE CLASSIFICATION	URBAN
OVERLAY DISTRICTS:	
FLOOD PLAIN-OVERLAY DISTRICT	NO
SPECIAL HIGHWAY OVERLAY DISTRICT	NO
DAWSON-WOOSTER CORRIDOR REGULATIONS	NO
WRIGHTSVILLE AVE. CORRIDOR REGULATIONS	NO
SOUTH 17TH ST. INDEPENDENCE BLVD	NO
CORRIDOR REGULATIONS	NO
HISTORIC DISTRICT-OVERLAY	NO
CONSERVATION OVERLAY DISTRICT	NO
UTILITY OWNERSHIP:	
WATER MAIN UTILITY	CFPUA
SANITARY SEWER MAIN UTILITY	CFPUA
UTILITY DEMAND:	
WATER DEMAND PER 'NC RULES GOVERNING PUBLIC WATER SYSTEMS.	
WATER: 400 GPD (ESTIMATED CURRENT USE)	
[400 GPD PER CONNECTION, 1 SINGLE FAMILY CONNECTION]	
WATER: 800 GPD (PROPOSED USE)	
[400 GPD PER CONNECTION, DUPLEX; 2 CONNECTIONS]	
SEWER DEMAND PER NORTH CAROLINA ADMINISTRATIVE CODE.	
SEWER: 240 GPD (ESTIMATED CURRENT USE)	
[120 GPD PER BEDROOM, 1 UNITS WITH 2 BEDROOMS]	
SEWER: 480 GPD (PROPOSED USE)	
[120 GPD PER BEDROOM, 2 UNITS WITH 2 BEDROOMS]	



MODIFIED RESIDENTIAL DRIVEWAY DETAIL (CONSISTENT WITH VARIANCE GRANTED DECEMBER 5, 2008) NOT TO SCALE

**SITE PLAN OF WORKLIVE RECLAMATION**

BEING LOT 5 AS RECORDED IN MAP BOOK 11, PAGE 11 AND BOOK 5602, PAGE 2615 OF THE NEW HANOVER COUNTY REGISTRY CITY OF WILMINGTON IDENTIFIED BY PID: R04813-002-012-000 WILMINGTON TOWNSHIP - WILMINGTON - NEW HANOVER COUNTY - NORTH CAROLINA SCALE: 1" = 10' FEBRUARY 10, 2014

EXCLUSIVELY FOR: UPPER 90 OF WILMINGTON, LLC 918 CAROLINA BEACH AVENUE NORTH UNIT 3E CAROLINA BEACH, NORTH CAROLINA 28428

PREPARED BY: www.romerama.com

1507 RANKIN STREET WILMINGTON, NORTH CAROLINA 28401 910.228.3137 CONTACT: ROB ROMERO

NOTE: ENGINEERING REVIEW OF UTILITIES ONLY.

**INTRACOASTAL ENGINEERING, PLLC**  
 91 Pelican Point Road  
 Wilmington, North Carolina 28409  
 Phone: 910.409.3567  
 License Number P-0662  
 Charlie@intracoastalengineering.com

**CHARLES D. HARRIS**  
 PROFESSIONAL ENGINEER  
 SEAM 032665  
 SITE PLAN  
 14HC-1

- LEGEND**
- ⊕ FIRE HYDRANT
  - EXISTING MONUMENT
  - EXISTING IRON
  - SET IRON
  - ✱ SET "X" IN BRICK
  - ⊙ STORM DRAIN MANHOLE
  - STORM DRAIN DROP INLET
  - ▣ STORM DRAIN CURB INLET
  - ⊙ SANITARY SEWER CLEAN OUT
  - ⊕ NEW STREET LIGHT POLE
  - ⊕ OLD STREET LIGHT POLE
  - EXISTING FENCE
  - CENTER LINE
  - ROAD RIGHT OF WAY LINE
  - SUBJECT BOUNDARY LINE
  - ADJACENT PROPERTY LINE
  - CONTOUR LINE



REVISIONS


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 Wilmington, North Carolina 28409  
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 Email: Charlie@intracoastalengineering.com  
 License Number: P-0662



CFPUA DETAILS FOR **WORKLIVE RECLAMATION** WILMINGTON, NORTH CAROLINA

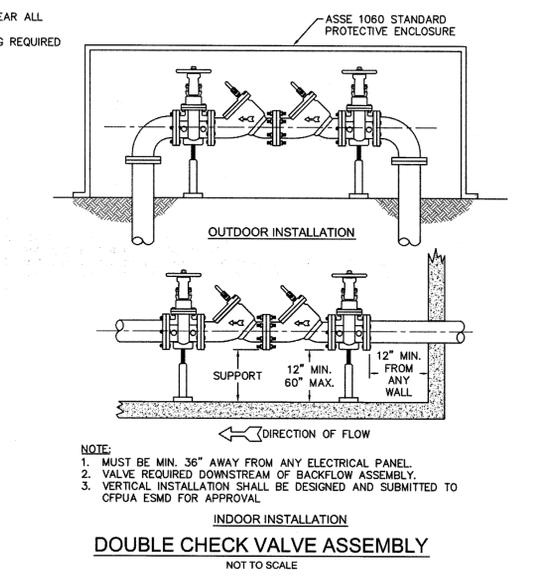
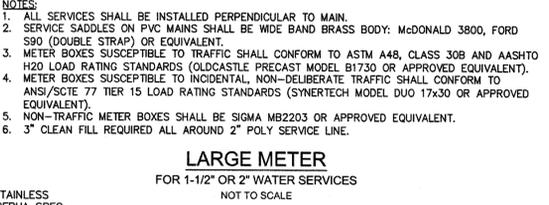
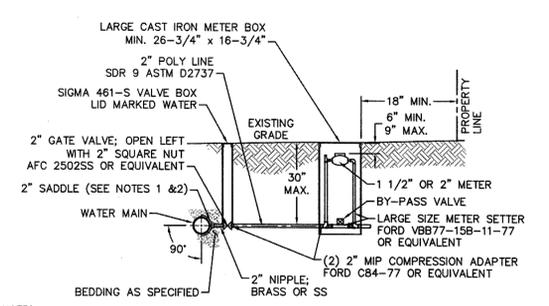
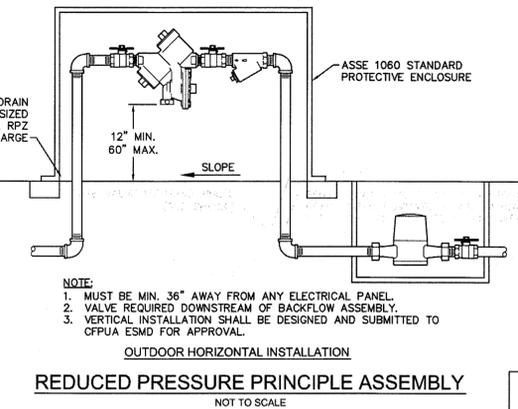
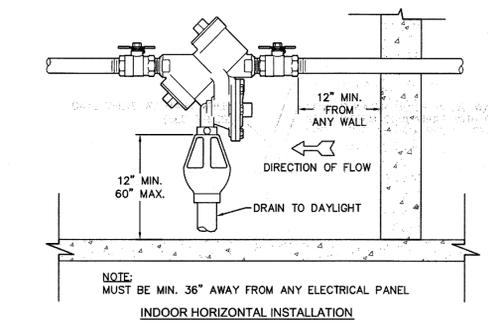
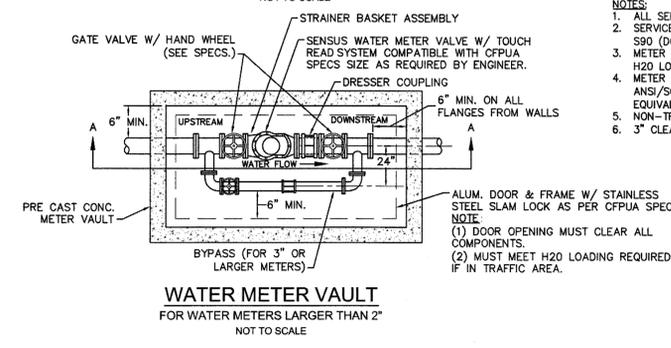
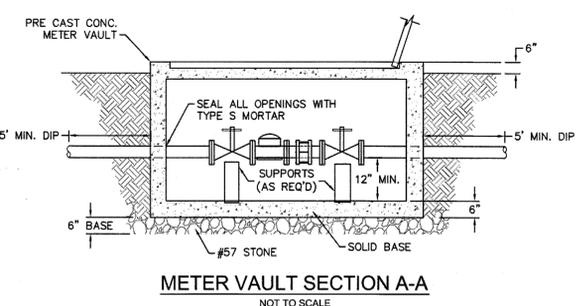
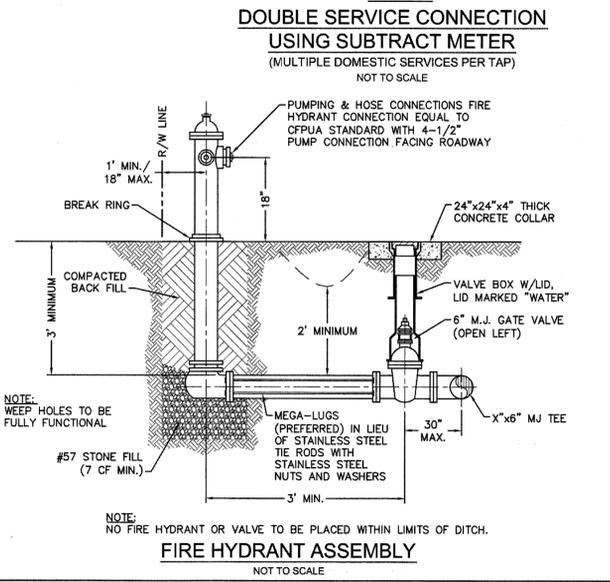
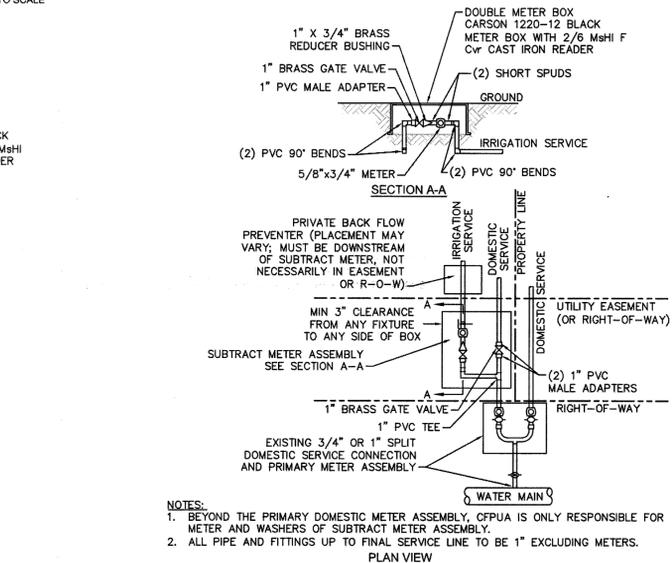
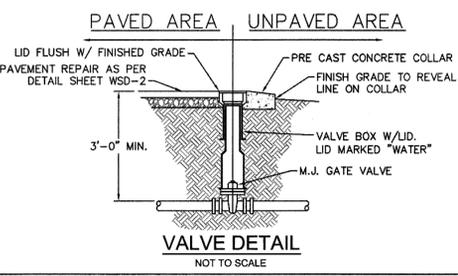
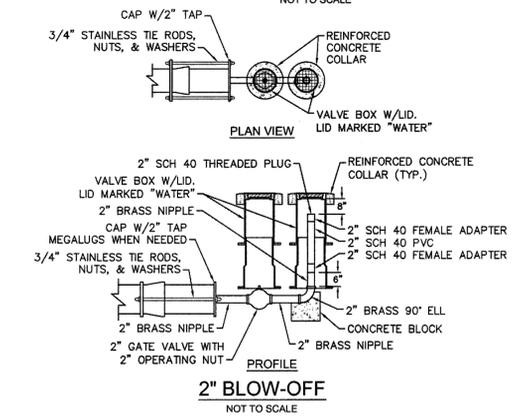
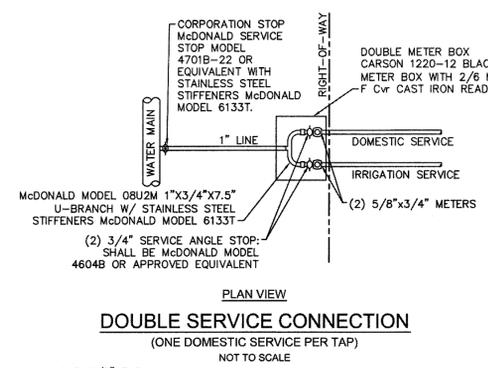
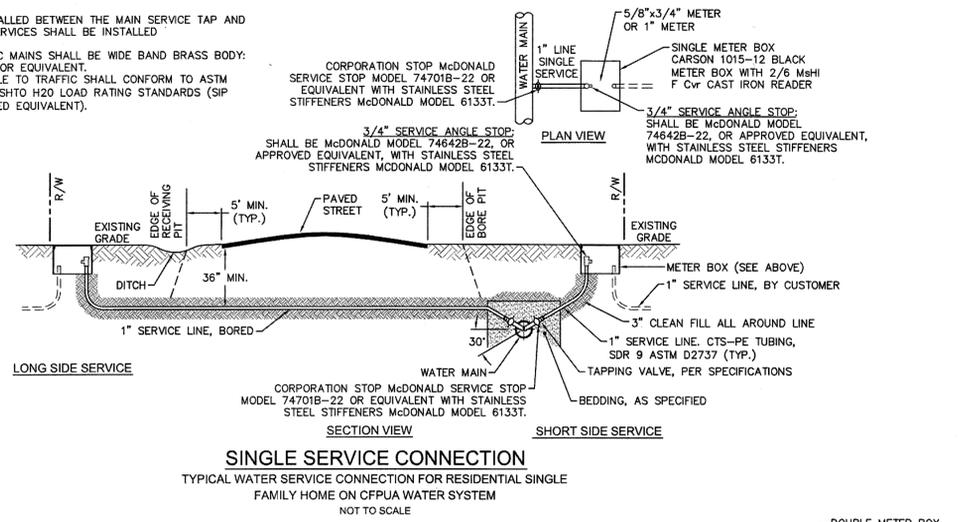


*Charles D. Calver*  
2.14

CLIENT INFORMATION:  
 UPPER 90 OF WILMINGTON, LLC  
 918 CAROLINA BEACH AVE. N.  
 UNIT 3E  
 CAROLINA BEACH, NC 28428

DRAWN:	NME	SHEET SIZE:	24 x 36
CHECKED:	CDC	DATE:	02/04/2014
APPROVED:	CDC	SCALE:	
PROJECT NUMBER:			

- NOTES:**
- NO JOINT SHALL BE INSTALLED BETWEEN THE MAIN SERVICE TAP AND THE METER STOP. ALL SERVICES SHALL BE INSTALLED PERPENDICULAR TO MAIN.
  - SERVICE SADDLES ON PVC MAINS SHALL BE WIDE BAND BRASS BODY: SADDLE McDONALD 3801 OR EQUIVALENT.
  - METER BOXES SUSCEPTIBLE TO TRAFFIC SHALL CONFORM TO ASTM A48, CLASS 30B AND AASHTO H20 LOAD RATING STANDARDS (SIP MODEL 4240 OR APPROVED EQUIVALENT).



**GENERAL NOTES:**

- NO EXCAVATED MATERIAL SHALL BE PLACED IN ANY STREAM, DITCH OR DRAINAGE-WAY.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES BEFORE ANY CONSTRUCTION BEGINS.
- THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES WHILE CONSTRUCTION IS IN PROGRESS.
- THE CONTRACTOR IS RESPONSIBLE FOR STABILIZATION OF ALL DISTURBED AREAS.
- THE CONTRACTOR IS RESPONSIBLE FOR LAY DOWN AND STOCKPILE AREAS (TO ARRANGE AND ENSURE COMPLIANCE WITH ALL LOCAL AND STATE REGULATIONS).

**THE DETAILS SHOWN HEREON SUPERCEDE CFPWA WRITTEN TECHNICAL SPECIFICATIONS VERSIONS 1.00 - 1.04**

**CFPUA WATER DISTRIBUTION SYSTEM**

REV.	DESCRIPTION:	DATE:
1	Single Service Connection, Double Service Connection, and Large Meter Revised	10/26/12
2	Single Service Connection and Fire Hydrant Details Revised	7/23/13

**STANDARD DETAILS**

CAPE FEAR PUBLIC UTILITY AUTHORITY  
 235 GOVERNMENT CENTER DRIVE  
 WILMINGTON, NC 28403  
 OFFICE: (910)332-6560

SHEET NO: **WSD-1**

REVISIONS

**INTRACOASTAL ENGINEERING, PLLC**  
 91 Pelican Point Road  
 Wilmington, North Carolina 28409  
 Phone: 910-409-3567  
 Email: [charlie@intracoastalengineering.com](mailto:charlie@intracoastalengineering.com)  
 License Number P-0662



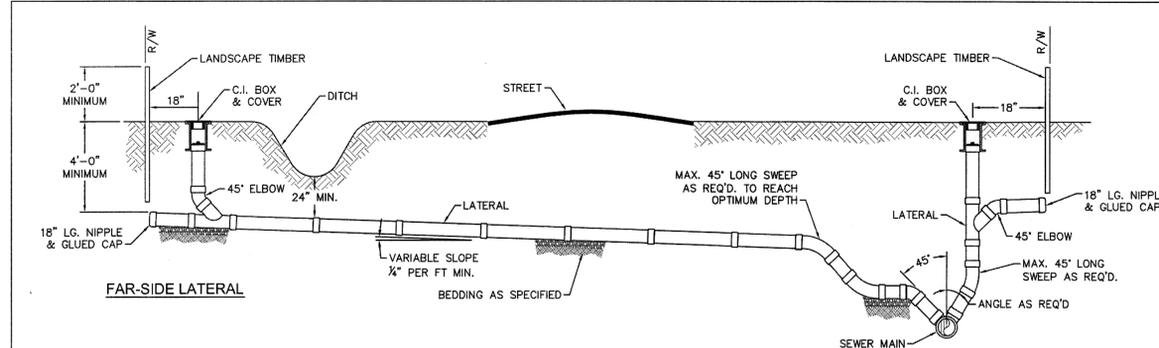
CFPUA DETAILS FOR **WORKLIVE RECLAMATION** WILMINGTON, NORTH CAROLINA



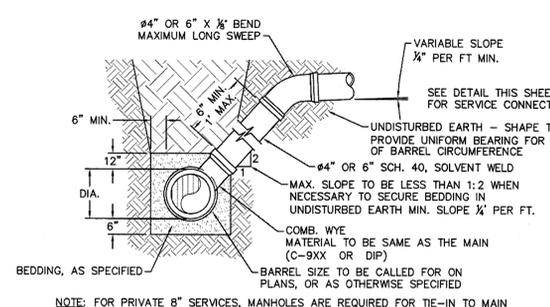
CLIENT INFORMATION:  
 UPPER 90 OF WILMINGTON, LLC  
 918 CAROLINA BEACH AVE. N.  
 UNIT 3E  
 CAROLINA BEACH, NC 28428

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 CHECKED: CDC DATE: 02/04/2014  
 APPROVED: CDC SCALE:  
 PROJECT NUMBER:

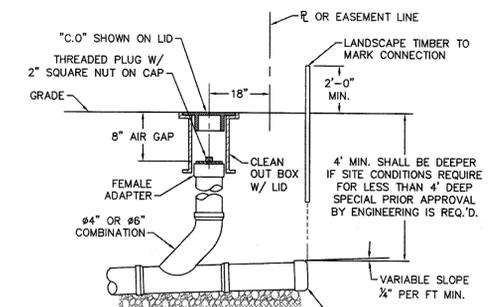
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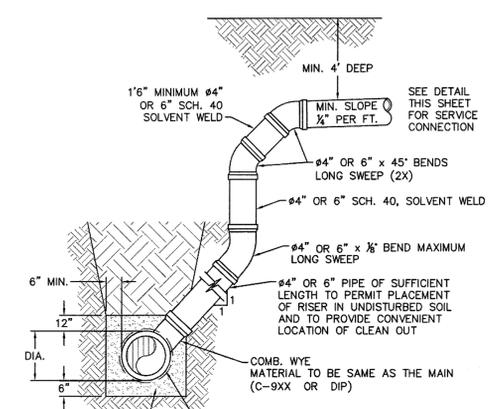
**STANDARD SERVICE CONNECTION TO SANITARY SEWER**  
 NOT TO SCALE



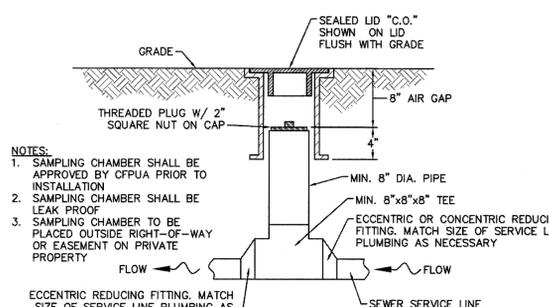
**STANDARD SERVICE LATERAL**  
 (MAIN DEPTH LESS THAN 8FT)  
 NOT TO SCALE



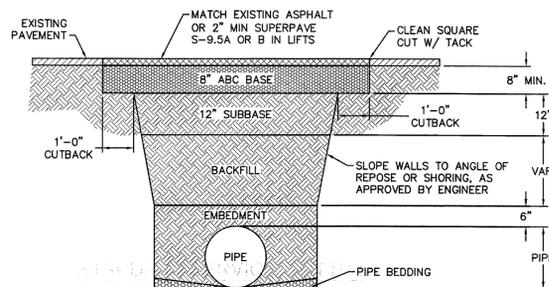
**SERVICE CONNECTION & CLEAN-OUT**  
 NOT TO SCALE



**DEEP SERVICE LATERAL**  
 (MAIN DEPTH GREATER THAN 8FT)  
 NOT TO SCALE

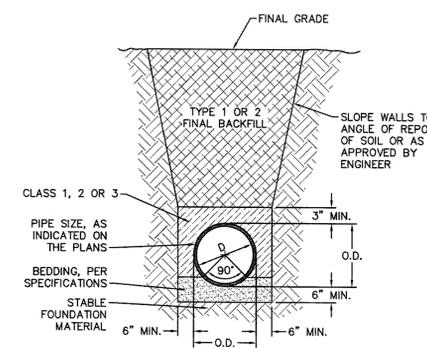


**SAMPLING CHAMBER**  
 NOT TO SCALE



- NOTES:
- BACKFILL 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 LIMESTONE, CLEAN SAND, FLOWABLE FILL, ETC).
  - 8-INCH OF ABC BASE MATERIAL SHALL BE USED ON CITY STREETS.
  - BACKFILL AND BASE MATERIALS SHALL BE COMPACTED 12" MINIMUM LIFTS.
  - SOIL SHALL BE 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.
  - ABC BASE AND SUBBASE COMPACTED TO 98% AND BACKFILL AND EMBEDMENT COMPACTED TO 90% AS DETERMINED BY THE MODIFIED PROCTOR AASHTO METHOD T-99.
  - 1-FOOT CUTBACKS OF ASPHALT SHALL BE PREPARED ON UNDISTURBED SOIL. MINIMUM ASPHALT DENSITY IS 90%.

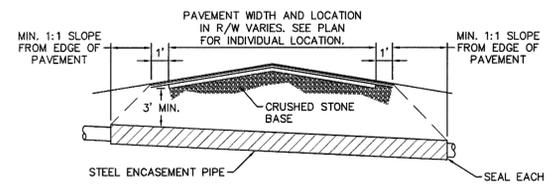
**PAVEMENT REPAIR WHERE PIPE INSTALLED**  
 (FOR PRIVATE ROADS AND PAVED AREAS. CONTRACTOR TO MEET MIN. REQUIREMENTS AS DEFINED BY RIGHT-OF-WAY OWNER FOR PUBLIC ROAD REPAIRS)  
 NOT TO SCALE



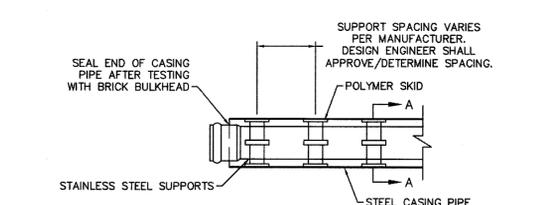
**CL 50 DUCTILE IRON DR 18 PVC PIPE TRENCH DETAIL**  
 NOT TO SCALE

- GENERAL NOTES:
- NO EXCAVATED MATERIAL SHALL BE PLACED IN ANY STREAM, DITCH OR DRAINAGE-WAY.
  - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES BEFORE ANY CONSTRUCTION BEGINS.
  - THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES WHILE CONSTRUCTION IS IN PROGRESS.
  - THE CONTRACTOR IS RESPONSIBLE FOR STABILIZATION OF ALL DISTURBED AREAS.
  - THE CONTRACTOR IS RESPONSIBLE FOR LAY DOWN AND STOCKPILE AREAS (TO ARRANGE AND ENSURE COMPLIANCE WITH ALL LOCAL AND STATE REGULATIONS).

**THE DETAILS SHOWN HEREON SUPERCEDE CFPUA WRITTEN TECHNICAL SPECIFICATIONS VERSIONS 1.00 - 1.04**



**TYPICAL BORING/ JACKING DETAIL**  
 NOT TO SCALE



**PIPE CASING SUPPORT DETAIL**  
 NOT TO SCALE

REV:	DESCRIPTION:	DATE:
1	SAMPLING CHAMBER REVISED	10/26/12

**CFPUA SANITARY SEWER**

DATE: 1/9/12  
 SCALE: N/A  
 DRAWN BY: CFPUA  
 CHECKED BY: CFPUA  
 PROJECT NO.:

**STANDARD DETAILS**

**CAPE FEAR PUBLIC UTILITY AUTHORITY**  
 235 GOVERNMENT CENTER DRIVE  
 WILMINGTON, NC 28403  
 OFFICE: (910)332-6560

**SHEET NO: SSD-2**

DRAWING NUMBER: **C-4**