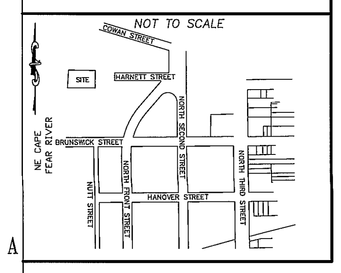
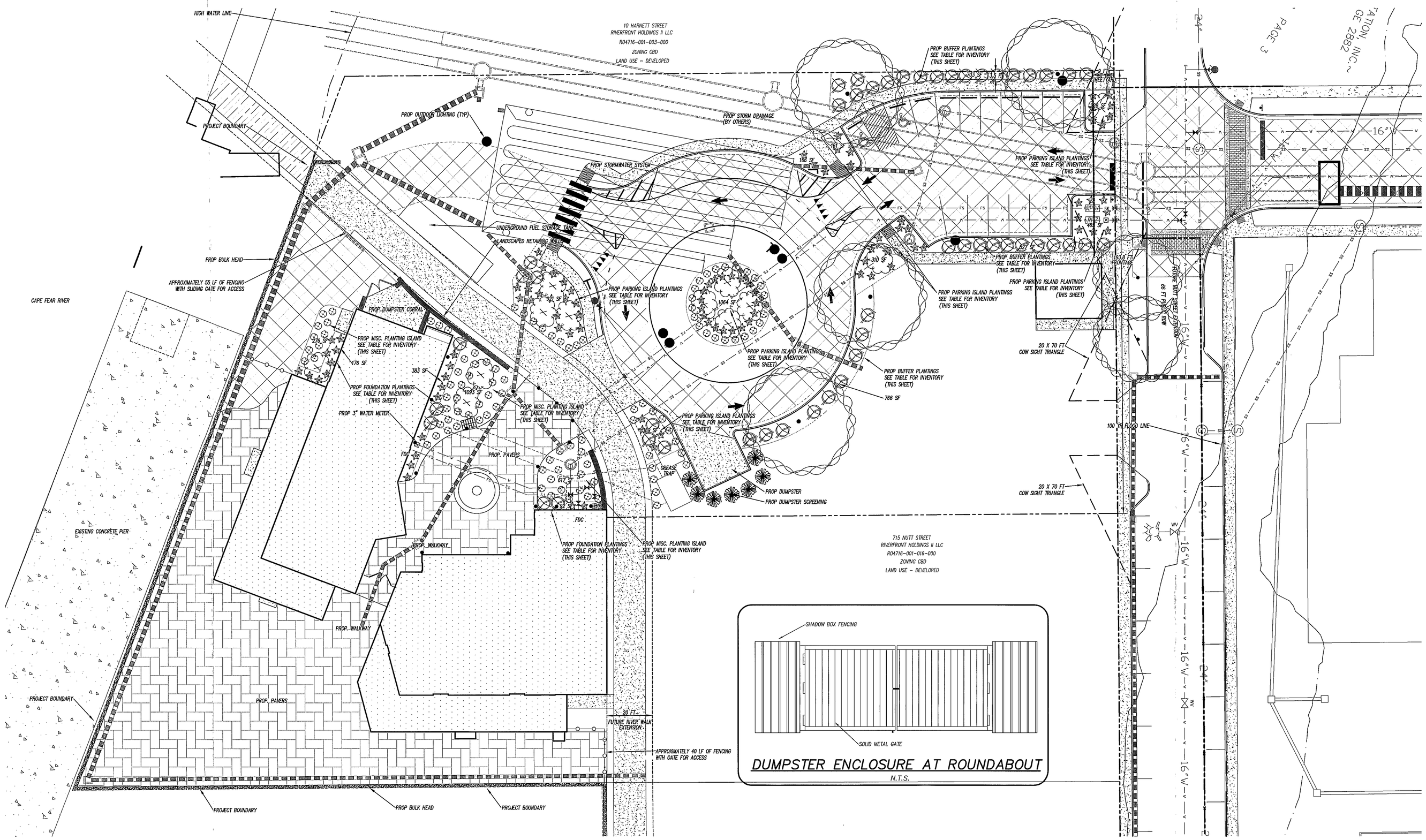
LOCATION MAP

NOT TO SCALE

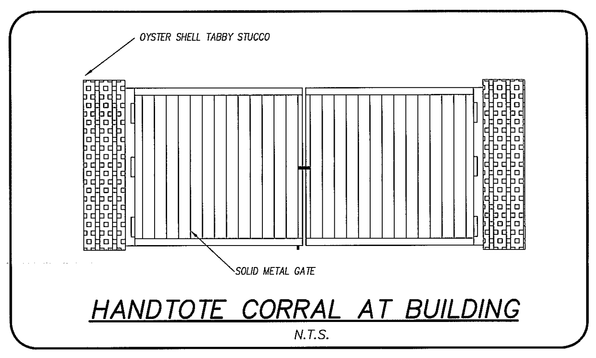


For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

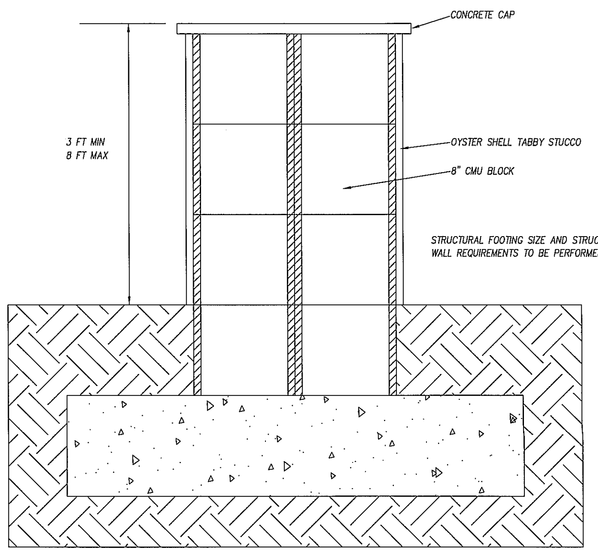
STORMWATER MANAGEMENT PLAN
APPROVED
CITY OF WILMINGTON
ENGINEERING DEPARTMENT
DATE _____ PERMIT # _____
SIGNED_____



DUMPSTER ENCLOSURE AT ROUNDABOUT
N.T.S.



HANDTOTE CORRAL AT BUILDING
N.T.S.



MASONARY WALL ALONG RIVER WALK
NTS

LANDSCAPE NOTES:

1. APPLICABLE STREET FRONTAGES SHALL HAVE NATURAL VEGETATIVE SCREENING MEETING CITY REQUIREMENTS.
2. HVAC EQUIPMENT SHALL BE PLACED IN THE INTERIOR YARDS AND SCREENED FROM THE RIGHT-OF-WAY. THE UNITS WILL BE SCREENED FROM PUBLIC VIEW FROM ALL SIDES OF THE BUILDING.
3. NO IRRIGATION CURRENTLY SPECIFIED, IF SO DESIRED THE IRRIGATION CONTROL MODULE MUST BE OUTFITTED W/ A RAIN SENSOR.
4. LANDSCAPING OR PARKING CANNOT BLOCK OR IMPEDE FIRE HYDRANTS OR FDC'S. A 3FT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT.
5. PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
6. ALL OTHER AREAS TO BE SODED.
7. ALL DUMPSTER AREAS TO BE SCEENED ON ALL SIDES.
8. EXISTING SIGNIFICANT TREES HAVE BEEN LOCATED BY A FIELD SURVEY.
9. PLANTINGS TO BE MATCHED AS CLOSELY AS POSSIBLE. ANY SUBSTITUTIONS AND ALTERATIONS TO THIS PLAN ARE TO BE APPROVED BY THE CITY OF WILMINGTON.
10. LIGHTING PLAN BY OTHERS.
11. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30" - 10'.

LANDSCAPE CALCULATIONS:

1. STREETYARD LANDSCAPING:
   1 TREE AND 6 SHRUBS PER 600 SF;
   FUTURE NUTT STREET EXTENSION = 81 FT - (29 FT DRIVEWAY) = 52 FT
   52 FT * 9 FT STREETYARD = 468 SF
   **REQUIRED STREETYARD TREES NOT PROVIDED PER CONFLICT WITH SIGHT TRIANGLES. TREES MITIGATED ELSEWHERE OR PAID IN LIEU TO THE TREE FUND.
2. FOUNDATION LANDSCAPING:
   3,548 SF BLDG FACE * 12% = 426 SF REQ'D FOUNDATION LANSCAPING.
   609 SF FOUNDATION LANDSCAPING PROVIDED.
3. PARKING ISLAND LANDSCAPING:
   1 CANOPY TREE AND SHRUBBERY * 7 INTERIOR PARKING ISLANDS
   7 CANOPY TREES AND SHRUBS REQ'D;
   CANOPY TREES / SHADE TREES PLACED THROUGHOUT PARKING AREA TO AVOID CONFLICT WITH DESIGNED UTILITIES.
4. TREES & SHRUBS IN THE SETBACK AREA SHALL BE MAINTAINED BY THE OWNER TO ENSURE THAT THE MATERIAL LIVES & PROSPERS.
5. PARKING AREA SCREENING:
   SHRUBBERY PROVIDE FOR MAXIMUM OPACITY OF VEHICLE HEADLIGHTS.
6. SEC. 18-258 (E) CALCULATIONS AS FOLLOWS;
   TOTAL PROJECT LIMITS = 97,092 SF, TOTAL LANDSCAPED AREA = 8,341 SF
   8,341 / 97,092 = 0.0859 OR 8.6%
   8.6% > 6% (MINIMUM LANDSCAPED AREA)
   -ONE (1) TREE AND SIX SHRUBS REQ'D FOR EVERY FIFTEEN (15) PARKING SPACES.
   1 / 15 = 0.0667 TREES PER PARKING SPACE. 6 / 15 = 0.4 SHRUBS PER PARKING SPACE.
   17 PARKING SPACES PROVIDED; 17 X 0.0667 = 1.13 TREES REQ'D, 4 SHADE TREES PROVIDED
   17 X 0.4 = 6.8 SHRUBS REQ'D, 138 VARIOUS SHRUBS PROVIDED
6. STREET TREE CALCULATIONS [SEC. 18-196(C)(1)(I)] AS FOLLOWS;
   -ONE (1) STREET TREE FOR EVERY THIRTY (30) FEET OF PROPERTY FRONTAGE
   PROPOSED PROPERTY FRONTAGE = 193 FT (MINUS 51 LF OF DRIVEWAYS); 193 - 51 = 142 FT
   ADJUSTED PROPERTY FRONTAGE = 142 FT; 142 / 30 = 4.73 OR 5 REQ'D STREET TREES.
   STREET TREES REQ'D; 5
   STREET TREES PROVIDED; 2 (SIGHT DISTANCE TRIANGLES PROHIBIT THE PLACEMENT OF STREET TREES ALONG PROPOSED PROPERTY FRONTAGE. STREET TREE REQUIREMENTS SHALL BE MET BY MEANS OF A PAYMENT IN LIEU TO THE CITY OF WILMINGTON TREE FUND.)

Proposed Plant Table

STREET TREES

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
2		Quercus virginiana	Southern Live Oak	3"-CAL. MIN.	PLACEMENT AS SHOWN

BUFFER & SCREENING PLANTINGS

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
37		ILEX CRENATA	JAPANESE HOLLY	36" MIN.	8' O.C.
4		Quercus virginiana	Southern Live Oak	3"-CAL. MIN.	

PARKING ISLANDS

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
46		ABELIA GRANDIFOLIA	GLOSSY ABELIA	15-18" MIN.	4' O.C.
9		PRUNUS X "OKAME"	FLOWERING CHERRY	6-8', 3"-CAL.	
78		LIGUSTRUM JAPONICUM	WAX-LEAF LIGUSTRUM	36" MIN.	
6		ILEX CRENATA	JAPANESE HOLLY	36" MIN.	

FOUNDATION PLANTINGS

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
18		LIGUSTRUM JAPONICUM	WAX-LEAF LIGUSTRUM	36" MIN.	
5		ILEX CRENATA	JAPANESE HOLLY	36" MIN.	

DUMPSTER SCREENING

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
6		Myrica cerifera	WAX MYRTLE	4-5', 10 GAL	6-8' O.C.

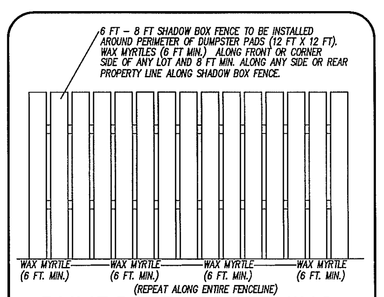
MISC. PLANTING ISLANDS

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
61		ABELIA GRANDIFOLIA	GLOSSY ABELIA	15-18" MIN.	4' O.C.
3		PRUNUS X "OKAME"	FLOWERING CHERRY	6-8', 3"-CAL.	
4		LIGUSTRUM JAPONICUM	WAX-LEAF LIGUSTRUM	36" MIN.	

Grasses

Quantity	Symbol	Scientific Name	Common Name	Planting Size	Planting Remarks
N/A			St. Augustine		MISC. AREAS

O.C. - "ON CENTER" CAL. - "CALIPER AT 6" ABOVE GRADE" GAL. - "GALLON CONTAINER"



DUMPSTER SCREENING (TYPICAL)
N.T.S.

Approved Construction Plan
Name _____ Date _____
Planning_____
Public Utilities_____
Traffic_____
Fire_____

20 10 0 20 40 60
SCALE IN FEET: 1"= 20'

CJMW ARCHITECTURE
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Winston-Salem, NC 27101
p. 336.724.1503
www.cjmw.com

CSD
LICENSE # C-2710
COASTAL SITE DESIGN, PC
ENGINEERING
LAND PLANNING
COMMERCIAL / RESIDENTIAL
P.O. Box 4041
Wilmington, NC 28406
(910) 791-4441

NOT FOR CONSTRUCTION

PERMIT SET

NORTH CAROLINA PROFESSIONAL SEAL 025483 12/18/13 ENGINEER

revisions
1. ADDED ADDITIONAL LANDSCAPE CALCULATIONS.
2. ADDED ADDITIONAL LANDSCAPE CALCULATIONS.

RIVERFRONT FOOD & BEVERAGE COMPLEX

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CJMW Architecture, PA

CIVIL - LANDSCAPE PLAN

sheet
LP1

RECEIVED
DEC 18 2013
PLANNING DIVISION

date: September 27, 2013
commission: 12-0050
drawn by: RLW