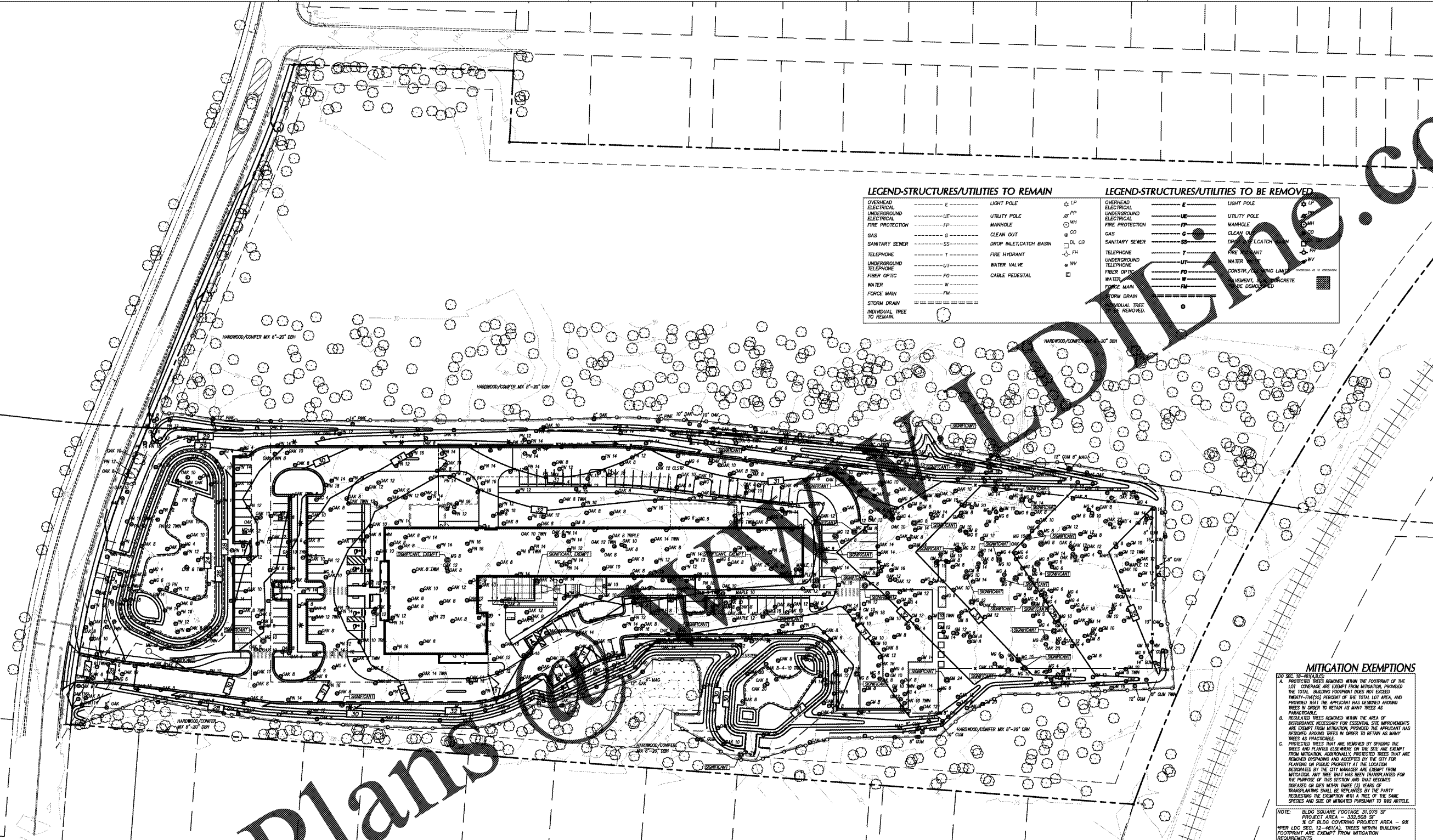


LEGEND-STRUCTURES/UTILITIES TO REMAIN		LEGEND-STRUCTURES/UTILITIES TO BE REMOVED	
OVERHEAD ELECTRICAL	---E---	OVERHEAD ELECTRICAL	---E---
UNDERGROUND ELECTRICAL	---UE---	UNDERGROUND ELECTRICAL	---UE---
FIRE PROTECTION	---FP---	FIRE PROTECTION	---FP---
GAS	---G---	GAS	---G---
SANITARY SEWER	---SS---	SANITARY SEWER	---SS---
TELEPHONE	---T---	TELEPHONE	---T---
UNDERGROUND TELEPHONE	---UT---	UNDERGROUND TELEPHONE	---UT---
FIBER OPTIC	---FO---	FIBER OPTIC	---FO---
WATER	---W---	WATER	---W---
FORCE MAIN	---FM---	FORCE MAIN	---FM---
STORM DRAIN	---SD---	STORM DRAIN	---SD---
INDIVIDUAL TREE TO REMAIN	○	INDIVIDUAL TREE TO BE REMOVED	○
LIGHT POLE	☆ LP	LIGHT POLE	☆ LP
UTILITY POLE	☆ UP	UTILITY POLE	☆ UP
MANHOLE	○ MH	MANHOLE	○ MH
CLEAN OUT	○ CO	CLEAN OUT	○ CO
DROP INLET/CATCH BASIN	○ DI, CB	DROP INLET/CATCH BASIN	○ DI, CB
FIRE HYDRANT	○ FH	FIRE HYDRANT	○ FH
WATER VALVE	○ WV	WATER VALVE	○ WV
CABLE PEDESTAL	□	CABLE PEDESTAL	□
CONSTR. / EXISTING LIMIT	---	CONSTR. / EXISTING LIMIT	---
CONCRETE	■	CONCRETE	■
DEMOLISHED	■	DEMOLISHED	■



MITIGATION EXEMPTIONS

- A. PROTECTED TREES REMOVED WITHIN THE FOOTPRINT OF THE LOT COVERING ARE EXEMPT FROM MITIGATION PROVIDED THE TOTAL BUILDING FOOTPRINT DOES NOT EXCEED TWENTY-TWO PERCENT OF THE TOTAL LOT AREA, AND PROVIDED THAT THE APPLICANT HAS DESIGNED AROUND TREES IN ORDER TO RETAIN AS MANY TREES AS PRACTICABLE.
- B. REGULATED TREES REMOVED WITHIN THE AREA OF DISTURBANCE NECESSARY FOR ESSENTIAL SITE IMPROVEMENTS ARE EXEMPT FROM MITIGATION PROVIDED THE APPLICANT HAS DESIGNED AROUND TREES IN ORDER TO RETAIN AS MANY TREES AS PRACTICABLE.
- C. PROTECTED TREES THAT ARE REMOVED BY SPINDING THE TREES AND PLANTED ELSEWHERE ON THE SITE ARE EXEMPT FROM MITIGATION. ADDITIONALLY, PROTECTED TREES THAT ARE REMOVED BY SPINDING AND ACCEPTED BY THE CITY FOR PLANTING ON PUBLIC PROPERTY AT THE LOCATION ACCORDANCE BY THE CITY MANAGER ARE EXEMPT FROM MITIGATION. ANY TREE THAT HAS BEEN TRANSPLANTED FOR THE PURPOSE OF THIS SECTION AND THAT BECOMES DISEASED OR DIES WITHIN THREE (3) YEARS OF TRANSPLANTING SHALL BE REPLANTED BY THE PARTY REQUESTING THE EXEMPTION WITH A TREE OF THE SAME SPECIES AND SIZE OF MITIGATED PURSUANT TO THIS ARTICLE.

NOTE: BLDG SQUARE FOOTAGE 31,075 SF
 PROJECT AREA = 332,608 SQ'
 % OF BLDG COVERING PROJECT AREA = 9%
 WHEN LDO SEC. 12-481(A), TREES WITHIN BUILDING FOOTPRINT ARE EXEMPT FROM MITIGATION REQUIREMENTS

MITIGATION NOTES

NOTE: SIGNIFICANT TREES ARE LABELED "SIGNIFICANT" ON THIS PLAN SHEET. ALL OTHER TREES SHOWN TO BE REMOVED ARE REGULATED. SEE MITIGATION CALCULATIONS FOR SIGNIFICANT TREES THIS SHEET.
 • REGULATED TREES ARE EXEMPT FROM MITIGATION REQUIREMENTS PER THE MITIGATION EXEMPTIONS OF LDO SECTION 12-461 (B).
 • THIS SITE CANNOT ACCOMMODATE THE AMOUNT OF TREES NEEDED TO MITIGATE THE REMOVAL OF SIGNIFICANT TREES. ALTERNATE METHODS OF MITIGATION ARE SOUGHT AS EXPLAINED IN LDO SEC. 12-460(D), AS ADVISED BY THE CITY OF WILMINGTON.
 LDO SEC. 12-460(D):
 "IF IN THE DETERMINATION OF THE CITY MANAGER, THE SITE CANNOT ACCOMMODATE THE REQUIRED NUMBERS OF TREES OR PINE PLUGS, THEN ONLY THE AMOUNT OF TREES OR PINE PLUGS WHICH CAN BE ACCOMMODATED ON THE SITE WILL BE REPLACED AND THE REMAINDER OF CALIPER INCHES SHALL BE MITIGATED THROUGH A PAYMENT IN LIEU OF PROVIDING ON-SITE TREES. THIS PAYMENT SHALL BE MADE INTO THE CITY TREE IMPROVEMENT FUND TO BE USED FOR PLANTINGS OF PUBLIC SPACES IN THE GENERAL VICINITY OF THE PROJECT. THE AMOUNT OF THE PAYMENT SHALL BE IN ACCORDANCE WITH THE PRICING STANDARDS OF THE RESPECTIVE JURISDICTION."

TREE MITIGATION CREDITS

SIZE	QTY	CREDIT VALUE	TOTAL
2-4" CALIPER	1	1	N/A
6-11"	2	2	4
12-17"	1	3	3
18-23"	N/A	4	N/A
>24"	N/A	DBH/8	N/A
TOTAL:			7

EXISTING TREES: 3 TREES/7 CREDITS
 TREES PROVIDED FOR MITIGATION: 79 TREES/79 CREDITS
 TOTAL CREDITS PROVIDED: 86 CREDITS

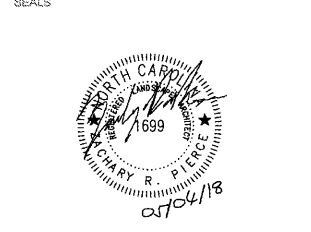
MITIGATION CALCULATIONS

TOT. DBH OF REMOVED SIGNIFICANT TREE x 2	% OF	# OF REPLACEMENT TREES
OAK 24"	100% x 2	/3 16 TREES
OAK 32"	100% x 2	/3 22 TREES
OAK 36"	100% x 2	/3 24 TREES
GUM 24"	100% x 2	/3 16 TREES
GUM 24"	100% x 2	/3 16 TREES
MAG 8"(x19)	100% x 2	/3 101 TREES
MAG 10"(x10)	100% x 2	/3 67 TREES
MAG 12"(x6)	100% x 2	/3 48 TREES
MAG 14"(x3)	100% x 2	/3 28 TREES
MAG 16"	100% x 2	/3 11 TREES
MAG 22"	100% x 2	/3 15 TREES
PINE 24"	100% x 2	/3 16 TREES

TREES REQUIRED FOR MITIGATION: 380 TREES
 -TOTAL TREE CREDITS PROVIDED: 86 TREES (EXISTING AND PROPOSED)
 =294 TREES REQUIRED FOR MITIGATION (NOT FEASIBLE, SEE LDO SEC 12-460 (F))

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 LA: C-106, PE: C-1595



SUBMITTAL
 4 MAY 2018
 CONSTRUCTION DOCUMENTS

City of WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division

APPROVED CONSTRUCTION PLAN

NAME _____ DATE _____

PLANNING _____

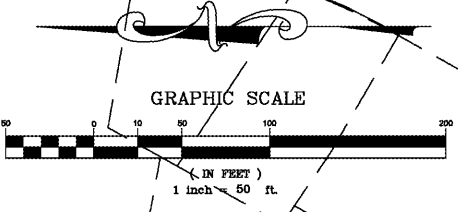
TRAFFIC _____

FIRE _____

APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____

Signed: _____



Order Plans

**TREE DEMOLITION
 AND SITE PLAN
 C202**

DESIGN: ZRP
 DRAWN: YA, DL
 REVIEW: ZRP, KAL

CN 5938
 CLH 16-161