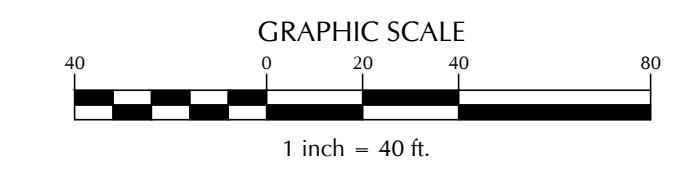


GENERAL NOTES

1. THE PROPERTY DELINEATED HEREON IS LOCATED IN THE CITY OF WILMINGTON AND IDENTIFIED ON NEW HANOVER COUNTY GIS AS PARID: R07000-002-007-000.
2. THE PERMITTEE WILL BE RESPONSIBLE FOR THE MAINTENANCE OF STORM WATER DETENTION/DRAINAGE FACILITIES AND RESPECTIVE EASEMENTS.
3. BOUNDARY AND TOPOGRAPHIC DATA SHOWN HEREON IS TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY ROBERT G. SESSOMS, PLS, P.C. DATED APRIL 23, 2013 EXCEPT FOR SOUTHWEST CORNER RE-SURVEYED MAY 28, 2013. VERTICAL DATUM OF SURVEY IS NAVD 88. HORIZONTAL DATUM OF SURVEY IS NAVD88.
4. EROSION AND SEDIMENT CONTROL STANDARDS SHALL BE PROVIDED IN ACCORDANCE WITH THE NEW HANOVER COUNTY SOIL EROSION AND SEDIMENT CONTROL ORDINANCE.
5. 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.
6. THE APPROVAL OF THESE PLANS SHALL NOT RELIEVE THE OWNER/DEVELOPER OF COMPLYING WITH OTHER APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION 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 CONFORMATION PRIOR TO CONSTRUCTION.
8. THESE PLANS MAKE NO REPRESENTATION AS TO SUBSURFACE CONDITIONS AND THE PRESENCE OF SUBSURFACE WATER OR THE NEED FOR SUBSURFACE DRAINAGE FACILITIES.
9. THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES, AS SHOWN HEREON, ARE APPROXIMATE ONLY. NO GUARANTEE IS HEREIN MADE OR IMPLIED THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT SHALL BE THE CONTRACTOR'S AND/OR THE OWNER'S RESPONSIBILITY TO CONTACT UTILITY COMPANIES AND TO VERIFY THE TYPE, SIZE, AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO STARTING THE WORK. ANY DISCREPANCIES IN OR FROM THE INFORMATION SHOWN HEREON SHALL BE REPORTED TO URBAN, LTD. PRIOR TO COMMENCING CONSTRUCTION.
10. ALL WORK MUST COMPLY WITH NORTH CAROLINA STATE BUILDING AND HANDICAPPED ACCESSIBILITY COD VOL. 1C.
11. PUBLIC UTILITIES (WATER AND SANITARY SEWER) SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE CAPE FEAR PUBLIC UTILITY AUTHORITY.
12. ALL UTILITIES, BOTH PUBLIC AND PRIVATE, SHALL BE UNDERGROUND.
13. PROJECT SITE DRAINS TO THE CAPE FEAR RIVER, WHICH HAS A WATER CLASSIFICATION OF SC, STREAM INDEX NO. 18-(71) PER NCDENR DWQ NORTH CAROLINA WATERBODIES.
14. THE PROPOSED USE IS NON-RESIDENTIAL.
15. THERE ARE NO WETLANDS ON SITE.
16. THIS PROPERTY IS LOCATED IN ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, FIRM COMMUNITY PANEL MAP #3720313800J, DATED APRIL 3, 2006.
17. THE PROPERTY IS NOT LOCATED IN A SPECIAL HIGHWAY OVERLAY DISTRICT, THE DAWSON-WOOSTER CORRIDOR, WRIGHTSVILLE AVENUE CORRIDOR, OR SOUTH 17TH STREET/INDEPENDENCE BOULEVARD CORRIDOR.
18. THE PROPERTY MAY BE LOCATED WITHIN A CONSERVATION OVERLAY DISTRICT (COD). IF THE CITY DETERMINES PROPERTY IS LOCATED WITHIN A COD, THEN CONSERVATION RESOURCES AND ITS ASSOCIATED SETBACKS WILL BE PROTECTED IN ACCORDANCE TO THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.
19. SOLID WASTE DISPOSAL WILL BE PROVIDED BY DUMPSTERS.
20. 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.
21. 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 MATERIAL WILL OCCUR IN THOSE AREAS.
22. 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.
23. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
24. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER.
25. TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
26. CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
27. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS OF WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY OF WILMINGTON AND/OR NCDOT STANDARDS.
28. ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.
29. A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND PARKS AND RECREATION DEPARTMENT FOR REVIEW PRIOR TO THE RECORDING OF THE FINAL PLAT.
30. CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.



Approved Construction Plan

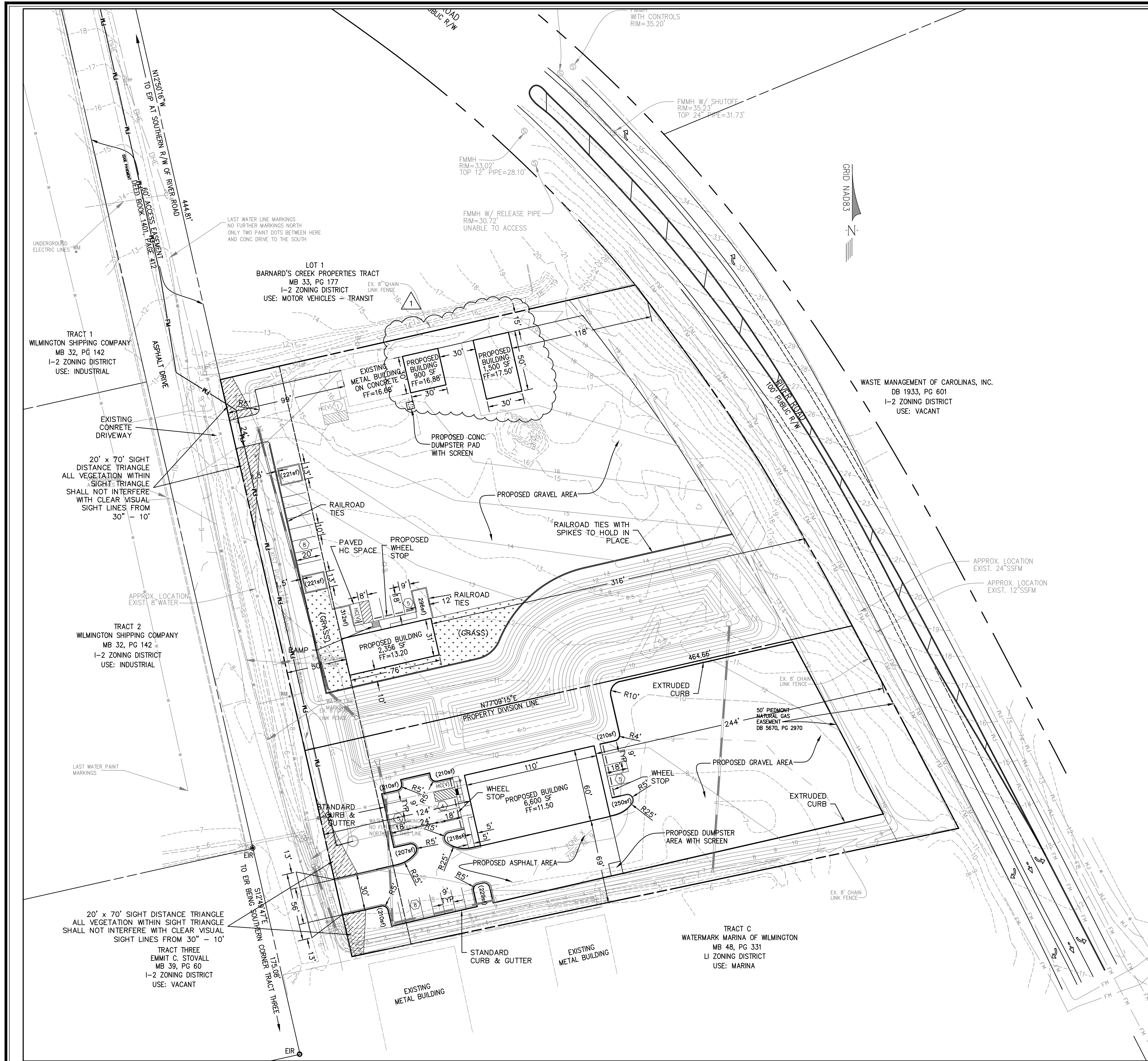
Name	Date
Planning _____	_____
Traffic _____	_____
Fire _____	_____

CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____
Signed: _____

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

PRELIMINARY - DO NOT USE FOR CONSTRUCTION



No.	Revision	Date	By
1	30' x 50' BUILDING ADDITION	8/15/18	MNH

Designer	MNH	Scale	AS SHOWN
Drawn By	MNH	Date	APRIL, 2018
Checked By	MNH	Job No.	

4004 & 4018 RIVER ROAD PROPERTIES
WILMINGTON NORTH CAROLINA

4004 & 4018 RIVER ROAD POND ASSOC., INC
P.O. BOX 15590
WILMINGTON, NC 28408

PORT CITY CONSULTING ENGINEERS, PLLC
6216 STONEBRIDGE ROAD
WILMINGTON, NC 28409
910-599-1744 LICENSE No. P-1032

SITE LAYOUT PLAN

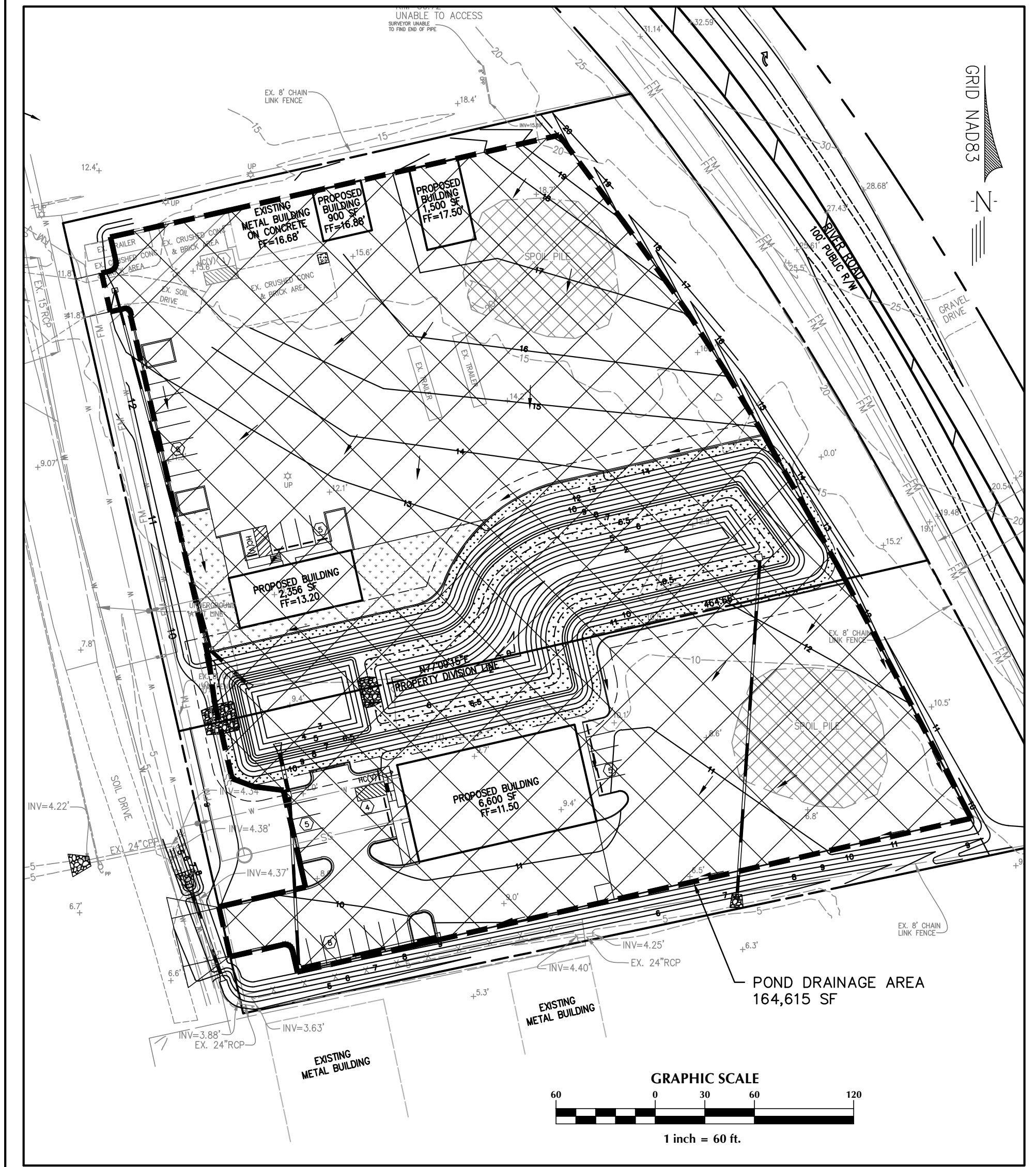
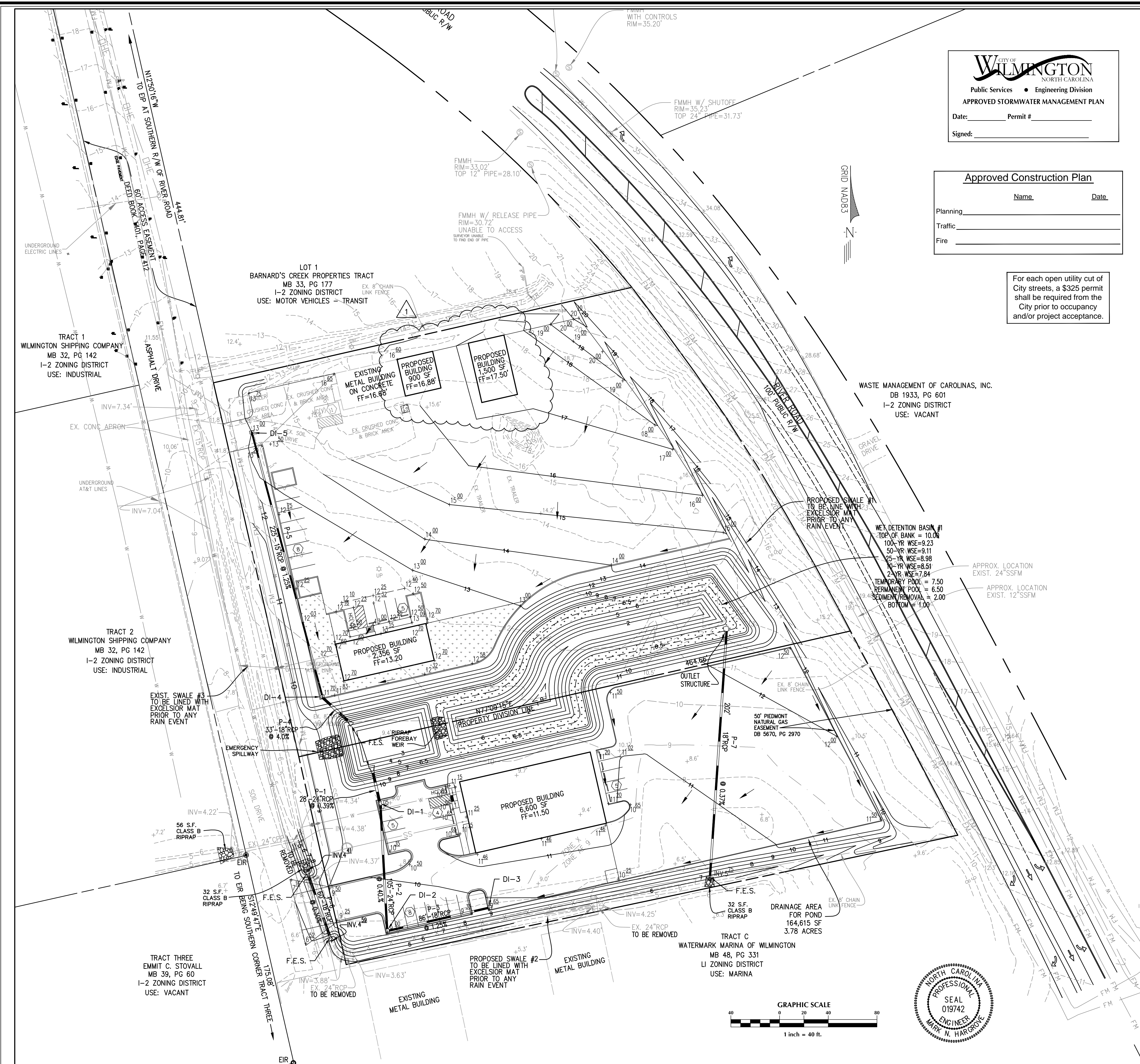
Sheet No. **C-3**

CITY OF WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

Approved Construction Plan

Name	Date
Planning	_____
Traffic	_____
Fire	_____

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



DRAINAGE AREA FOR POND

STORM CULVERT TABLE

CULVERT NUMBER	CULVERT LENGTH (FT)	CULVERT SIZE (IN)	CULVERT SLOPE (%)	INVERT DOWN (FT)	INVERT UP (FT)	PIPE MATERIAL
P-1*	28	24	0.39	4.50	4.61	RCP
P-2	105	24	0.40	4.61	5.03	RCP
P-3	87	18	1.25	5.03	6.11	RCP
P-4*	32	18	0.99	5.00	6.00	RCP
P-5	225	15	1.25	6.32	9.13	RCP
P-6	60	18	0.30	4.41	4.59	RCP
P-7*	185	18	0.37	5.75	6.50	RCP

* NOTE: LENGTH INCLUDES FLARED END SECTION

STORM STRUCTURE TABLE

STRUCTURE NUMBER	INVERT (FT)	RIM ELEVATION (FT)
DI-1	4.61	10.05
DI-2	5.03	9.00
DI-3	6.11	9.65
DI-4	6.32	11.70
DI-5	9.13	13.00



PRELIMINARY - DO NOT USE FOR CONSTRUCTION

No.	Revision	Date	By

Designer	MNH	Scale	AS SHOWN
Drawn By	MNH	Date	APRIL, 2018
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 WILMINGTON, NC 28409
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GRADING & DRAINAGE PLAN

Sheet No. **C-4**