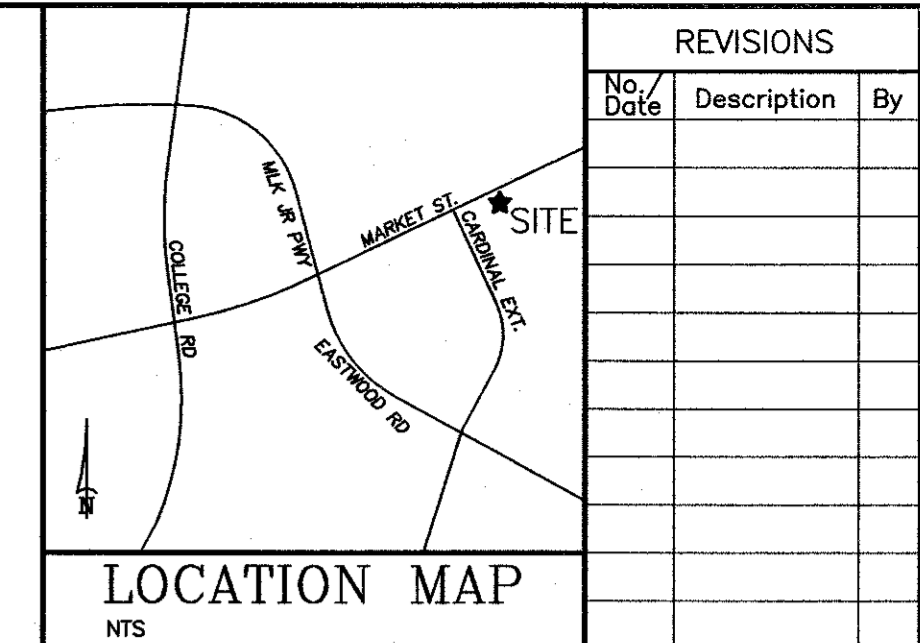


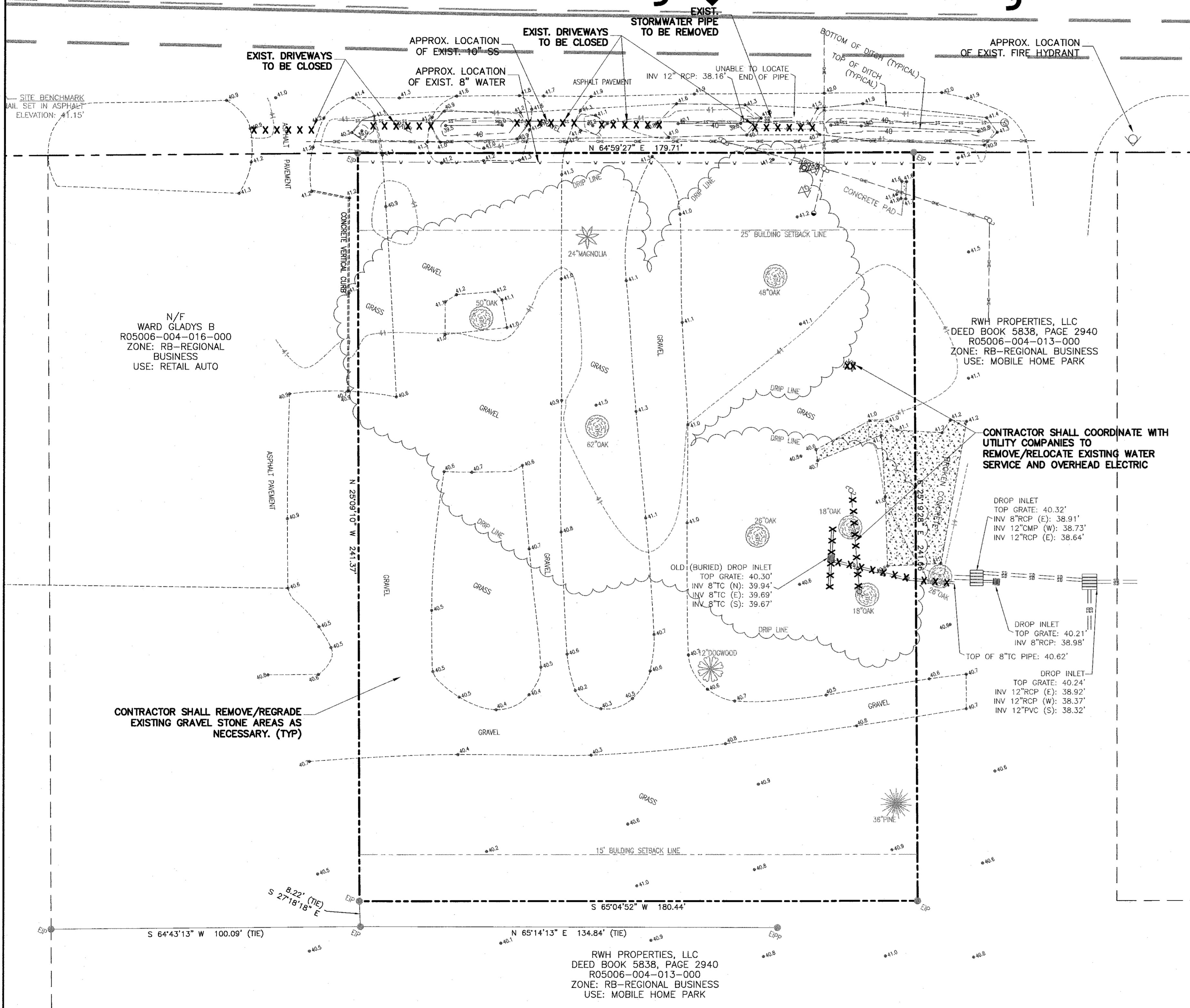
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PCMT HOLDINGS LLC  
R05006-001-021-000  
ZONE: LI-LIGHT  
INDUSTRIAL  
USE: BUSINESS

N/F  
FILIPPINI FAMILY LTD  
PTNRP  
R05006-001-009-001  
ZONE: LI-LIGHT  
INDUSTRIAL  
USE: BUSINESS

MARKET STREET  
100' PUBLIC R/W



REVISIONS		
No.	Description	By



- SITE INVENTORY NOTES:**
- PREPARER OF THE PLAN: TRIPP ENGINEERING, P.C.
  - APPLICANT NAME: PARKWAY VOLVO
  - SITE ADDRESS OF THE DEVELOPMENT: 5932 MARKET ST.
  - PROPERTY OWNER: WILMINGTON AUTO GROUP PROP LLC
  - DEVELOPER: PARKWAY VOLVO
  - PROPERTY BOUNDARY: SEE PLAN  
TAX PARCEL INFORMATION: R05006-004-021-000
  - PROPERTY ZONING: RB-REGIONAL BUSINESS
  - ADJACENT PROPERTY OWNER INFORMATION: SEE PLAN
  - VICINITY MAP: SEE PLAN
  - TOPOGRAPHY: SEE PLAN
  - 100-YEAR FLOOD BOUNDARY: N/A
  - EXISTING DITCHES, CREEKS AND STREAMS: SEE PLAN
  - SOIL: S<sub>e</sub>; SEAGATE FINE SAND
  - CAMA AEC: N/A
  - CAMA LAND CLASSIFICATION: URBAN
  - CONSERVATION RESOURCES: NONE  
ASSOCIATED SETBACKS: N/A
  - HISTORIC OR ARCHAEOLOGICAL SITE: N/A
  - CEMETERIES, BURIAL SITES/GROUNDS: N/A
  - FORESTED AREAS, HABITAT AND DOMINANT SPECIES: N/A
  - WETLANDS: SEE PLAN
  - PROTECTED SPECIES OR HABITAT: N/A
  - EXISTING OR PROPOSED THOROUGHFARES, BIKE ROUTES, PEDESTRIAN SIDEWALKS OR TRAILS AND TRANSIT FACILITIES: SEE SITE PLAN

**SITE INVENTORY AND DEMOLITION PLAN**  
**PARKWAY AUTOMOTIVE PARKING**  
 OWNER: WILMINGTON AUTO GROUP PROPERTIES LLC  
 ADDRESS: 5932 MARKET ST., WILMINGTON, NC

**TRIPP ENGINEERING, P.C.**  
 419 Chestnut Street  
 Wilmington, North Carolina 28401  
 Phone 910-763-5100  
 Fax 910-763-5631  
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 LICENSE NO.



DATE 05-02-18  
DESIGN PGT  
DRAWN EJW

**LEGEND**

- PROPERTY BOUNDARY
- EXISTING TREE
- EXISTING SEWER
- EXISTING WATER
- EXISTING STORM WATER
- EXISTING SPOT ELEVATION

**SITE PLAN**

BAR SCALE 1"=20'



**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.

**C1**

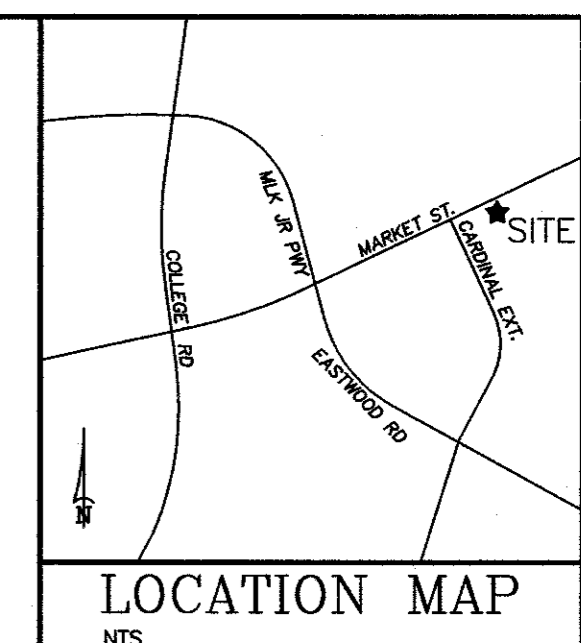
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ZONE: LI-LIGHT  
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USE: BUSINESS

N/F  
FILIPPINI FAMILY LTD  
PTNRP  
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ZONE: LI-LIGHT  
INDUSTRIAL  
USE: BUSINESS

ROAD

MARKET STREET

100' PUBLIC R/W



REVISIONS		
No./Date	Description	By

PROPOSED NCDOT MEDIAN

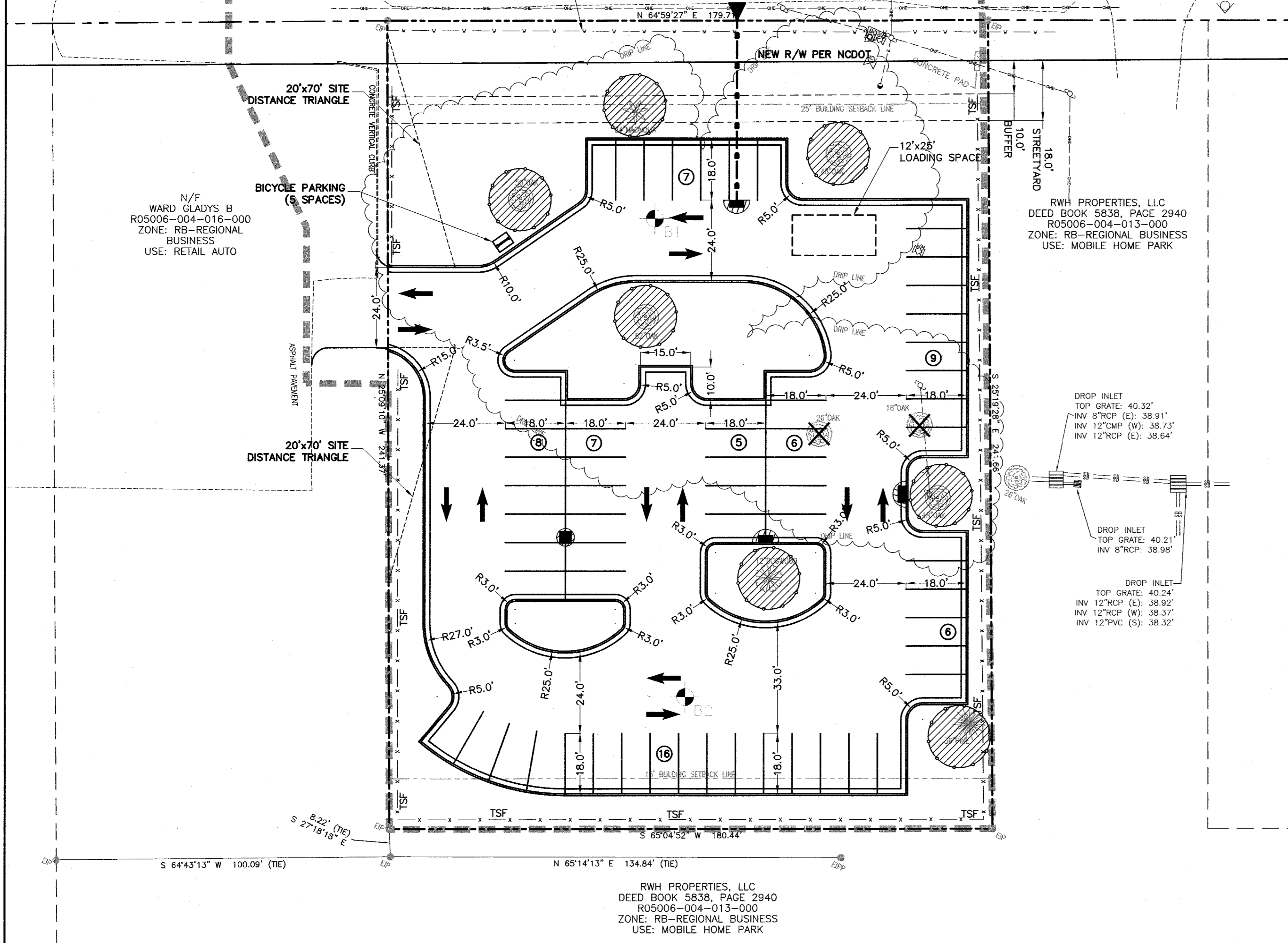
NCDOT IMPROVEMENTS

APPROX. LOCATION OF EXIST. 10" SS

APPROX. LOCATION OF EXIST. 8" WATER

APPROX. LOCATION OF EXIST. FIRE HYDRANT

SITE BENCHMARK  
AIL SET IN ASPHALT  
ELEVATION: 41.15'



RWH PROPERTIES, LLC  
DEED BOOK 5838, PAGE 2940  
R05006-004-013-000  
ZONE: RB-REGIONAL BUSINESS  
USE: MOBILE HOME PARK

DROP INLET  
TOP GRATE: 40.32'  
INV 8"RCP (C): 38.91'  
INV 12"CMF (W): 38.73'  
INV 12"RCP (E): 38.64'

DROP INLET  
TOP GRATE: 40.21'  
INV 8"RCP: 38.98'

DROP INLET  
TOP GRATE: 40.24'  
INV 12"RCP (E): 38.92'  
INV 12"RCP (W): 38.37'  
INV 12"RCP (S): 38.32'

RWH PROPERTIES, LLC  
DEED BOOK 5838, PAGE 2940  
R05006-004-013-000  
ZONE: RB-REGIONAL BUSINESS  
USE: MOBILE HOME PARK

**NOTES:**

**ZONING**  
1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY ATLANTIC COAST SURVEY, PLLC.  
2) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.  
3) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, HEIGHTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.  
4) EXISTING EASEMENTS AS SHOWN.  
5) CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.  
6) UNDERGROUND FIRE LINES MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-341-0896.  
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**TRAFFIC**  
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2) ONCE STREETS ARE OPEN TO TRAFFIC CONTACT TRAFFIC ENGINEERING TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.  
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4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.  
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**DRAINAGE**  
1) SITE TO DRAIN TO UNDERGROUND INFILTRATION.

**SITE DATA:**

PROPERTY OWNER	WILMINGTON AUTO GROUP PROP LLC
PROJECT ADDRESS	5932 MARKET ST
PROJECT NUMBER	R05006-004-021-000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	RB-REGIONAL BUSINESS

SETBACKS REQUIRED	FRONT: 25'
	REAR: 15'
	INTERIOR SIDE: 0'
	CORNER LOT SIDE: 25'

PROPOSED BUILDING SETBACKS	N/A
TRACT AREA	43,490 SF (1.00 AC)
BUILDING USE	N/A
PROPOSED BUILDING AREA (GROSS)	N/A
BUILDING LOT COVERAGE (15,850/151,429)	N/A
NUMBER OF UNITS	N/A
NUMBER OF BUILDINGS	N/A
BUILDING HEIGHT	N/A
NUMBER OF STORIES	N/A
SF PER FLOOR 1ST FLOOR (GROSS)	N/A

EXISTING IMPERVIOUS (GRAVEL):	13,560 SF (31%)
PROPOSED IMPERVIOUS (ASPHALT):	25,045 SF (58%)

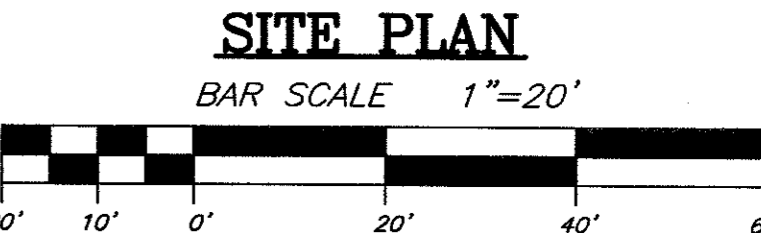
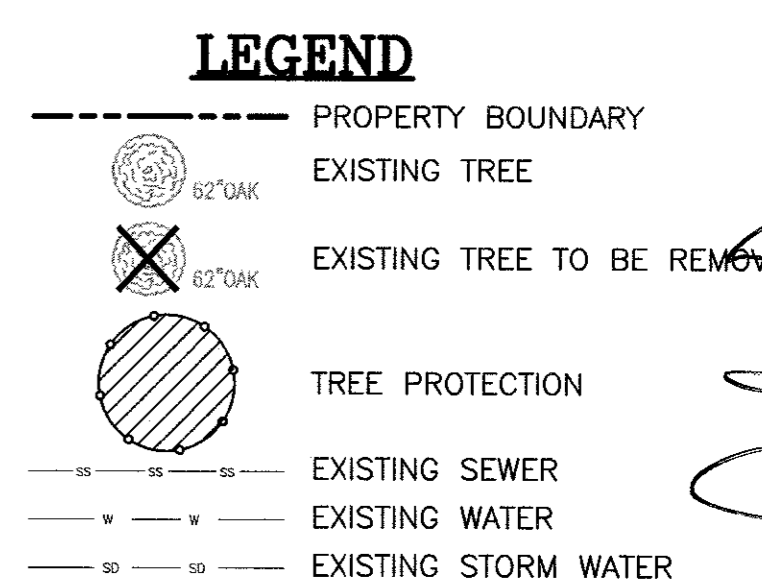
PARKING REQUIRED	N/A
PARKING PROVIDED:	64

CAMA LAND USE:	URBAN
PUBLIC WATER AND SEWER BY CFPWA	
EXISTING WATER FLOW:	0 GPD
EXISTING SEWER FLOW:	0 GPD
PROPOSED WATER FLOW:	0 GPD
PROPOSED SEWER FLOW:	0 GPD

**INVENTORY OF TREES TO BE REMOVED**

TREE TYPE	TREE SIZE	QUANTITY
OAK	18"	1
OAK	26"	1



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

**Approved Construction Plan**

Name	Date
Planning	_____
Traffic	_____
Fire	_____

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**TRIPP ENGINEERING, P.C.**  
419 Chestnut Street  
Wilmington, North Carolina 28401  
Phone 910-763-5100  
Fax 910-763-5631  
© 2016 TRIPP ENGINEERING, P.C.

**5-2-18**

**PHILIP GREGORY TRIPP**  
PROFESSIONAL ENGINEER  
17374  
SEAL

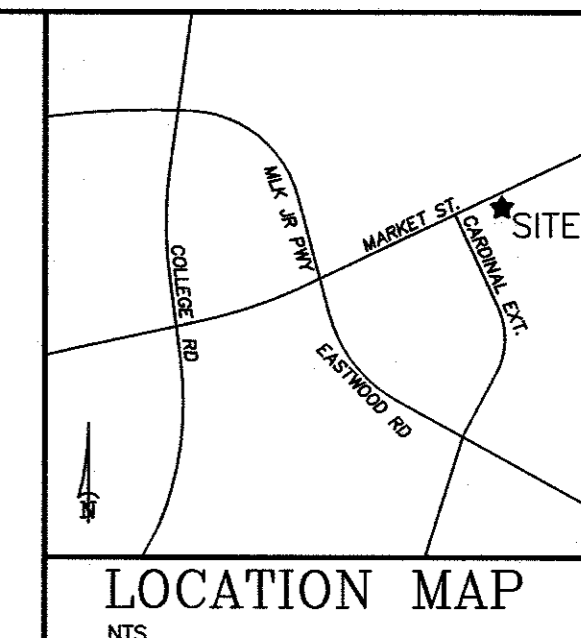
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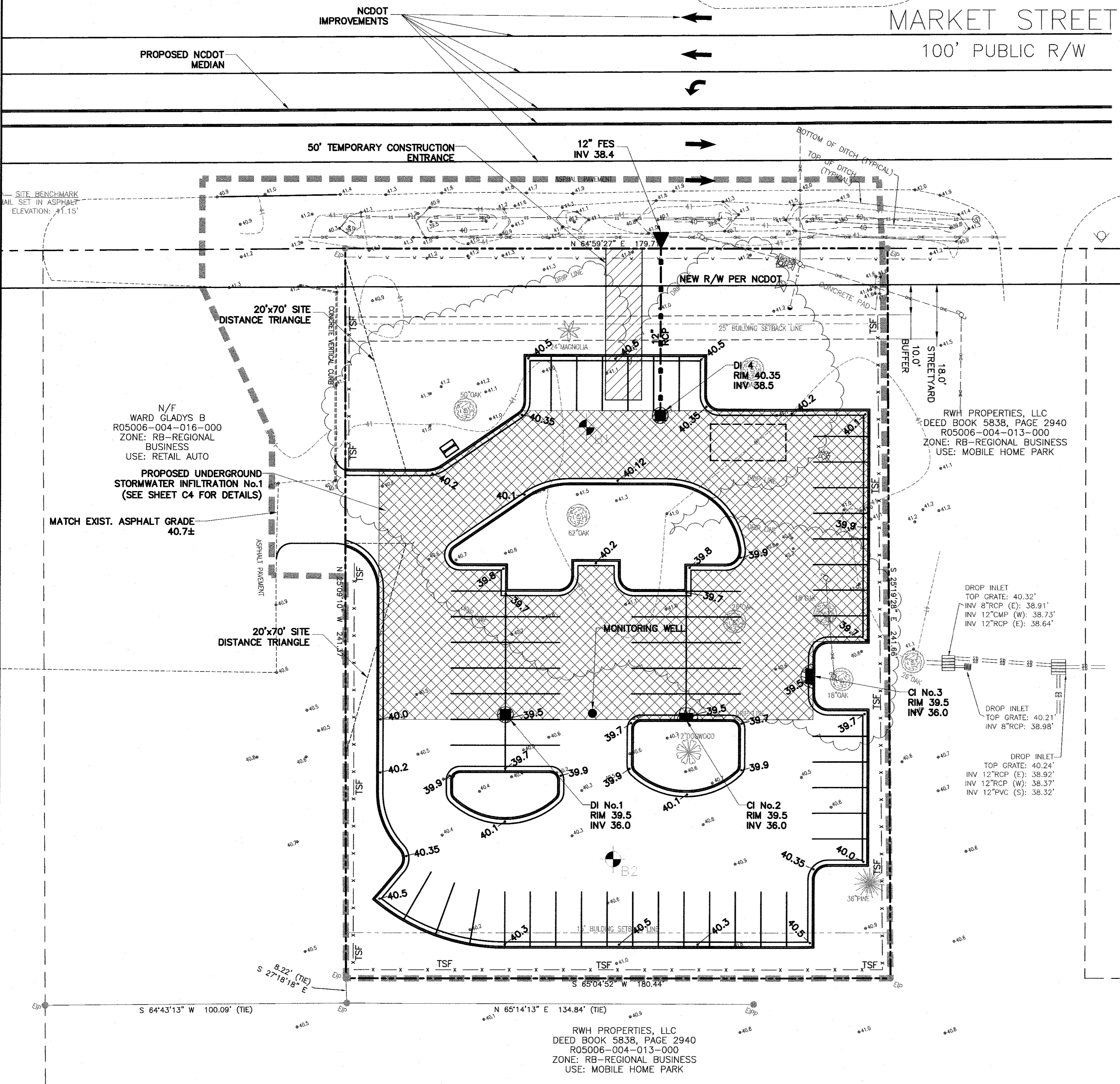
SHEET 2 OF 4  
17066

N/F  
PCMT HOLDINGS LLC  
R05006-001-021-000  
ZONE: LI-LIGHT  
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USE: BUSINESS

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REVISIONS		
No./Date	Description	By



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PROJECT ADDRESS	5932 MARKET ST
PIN NUMBER	R05006-004-021-000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	RB-REGIONAL BUSINESS

SETBACKS REQUIRED	FRONT: 25'
	REAR: 15'
	INTERIOR SIDE: 0'
	CORNER LOT SIDE: 25'

PROPOSED BUILDING SETBACKS	N/A
TRACT AREA	43,490 SF (1.00 AC)
BUILDING USE	N/A
PROPOSED BUILDING AREA (GROSS)	N/A
BUILDING LOT COVERAGE (15,850/151,429)	N/A
NUMBER OF UNITS	N/A
NUMBER OF BUILDINGS	N/A
BUILDING HEIGHT	N/A
NUMBER OF STORES	N/A
SF PER FLOOR 1ST FLOOR (GROSS)	N/A

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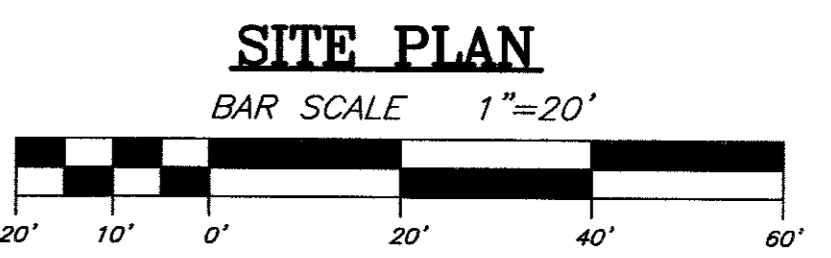
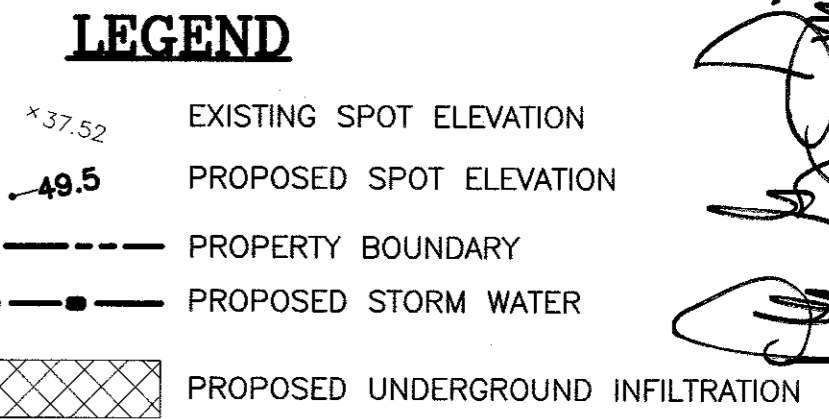
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**TRIPP ENGINEERING, P.C.**  
 419 Chestnut Street  
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 LICENSE NO. 12-127

**GRADING, DRAINAGE, EROSION CONTROL AND STORMWATER MANAGEMENT PLAN**  
**PARKWAY AUTOMOTIVE PARKING**  
 OWNER: WILMINGTON AUTO GROUP PROPERTIES LLC  
 ADDRESS: 5932 MARKET ST., WILMINGTON, NC



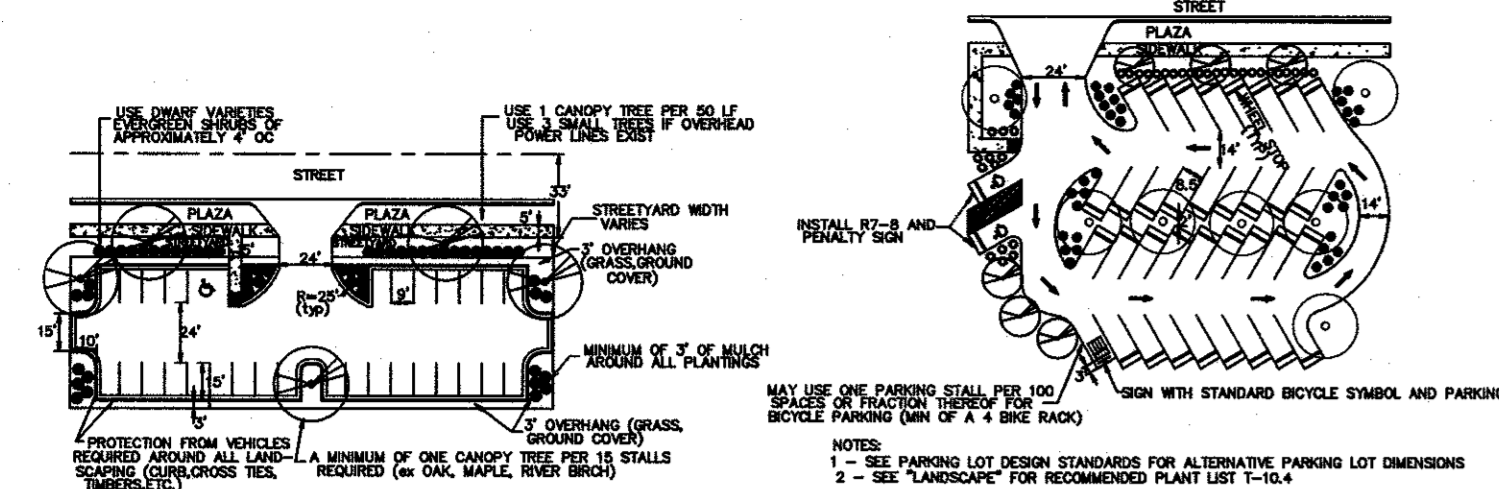
**CITY OF WILMINGTON**  
NORTH CAROLINA  
Public Services • Engineering Division  
APPROVED STORMWATER MANAGEMENT PLAN  
Date: \_\_\_\_\_ Permit # \_\_\_\_\_  
Signed: \_\_\_\_\_

Approved Construction Plan

Name	Date
Planning	_____
Traffic	_____
Fire	_____

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5-2-18  
  
 DATE 05-02-18  
 DESIGN PCT  
 DRAWN EJW  
**C3**  
 SHEET 3 OF 4  
 17066

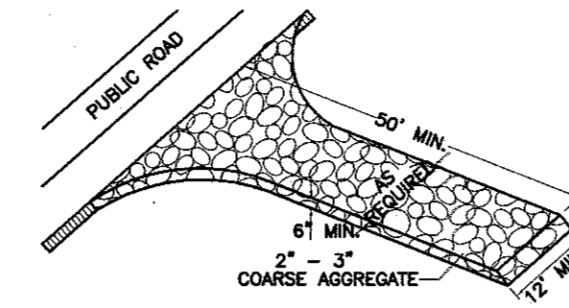


EXAMPLES OF PERIMETER LANDSCAPING

EXAMPLES OF PERIMETER LANDSCAPING  
PARKING FACILITY EQUAL TO OR GREATER THAN 25 STALLS  
SD 15-12  
NOT TO SCALE

- Variances on stall widths, angle and other dimensions will be allowed only upon approval of the Traffic Engineer.
- Wheel stops shall be required three (3) feet from the end of parking stall when using eighteen (18) foot deep stalls.
- Curbing, cross-ties, utility poles, etc., can be used as wheel stops. (Must be anchored down)
- All stalls shall be a minimum of six (6) feet wide.
- Parking stalls terminate at a circulation way shall provide for a minimum turning radius of twenty-five (25) feet, as measured from the edge of the travel portion.
- All parking stall markings and lane arrows shall be white.
- All other pavement markings, signs or other traffic control devices shall conform to the latest edition and/or interpretation of the Manual on Uniform Traffic Control Devices (MUTCD).
- No obstructions will be allowed adjacent to a parking stall which would prevent safe ingress and egress from a parked vehicle.
- Parking in the lanes and in non-residential driveways shall be prevented by standard signs and as needed by portable barricades.

PARKING FACILITY DESIGN NOTES  
SD 15-13



TEMPORARY GRAVELLED CONSTRUCTION ENTRANCE  
NTS

NPDES GROUND STABILIZATION CRITERIA

SITE AREA DESCRIPTION	STABILIZATION TIMEFRAME	STABILIZATION EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HIGH ZONES)

TEMPORARY SEEDING SPECIFICATION

SEASON	SEEDING MIXTURE SPECIES	RATE (lb/acre)
LATE WINTER & EARLY SPRING	Perennial ryegrass (Kobe in Piedmont and Coastal Plain, Korean in Mountains)	50
SUMMER	Orchard grass (Kobe in Piedmont and Coastal Plain, Korean in Mountains)	40
FALL	German Millet	40

**SEEDING DATES**

SEASON	DATES
LATE WINTER & EARLY SPRING	Mountains - Above 2500 ft. Feb. 15-May 15 Piedmont - Jan. 1-May 15 Coastal Plain - Apr. 15-Aug 15
SUMMER	Mountains - May 15-Aug 15 Piedmont - May 1-Aug 15 Coastal Plain - Apr. 15-Aug 15
FALL	Mountains - Aug 15-Dec 15 Piedmont - Aug 15-Dec 15 Coastal Plain and Piedmont - Aug 15-Dec 30

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE STRAW ANCHOR STRAW BY TACKLING WITH ASPHALT NETTING, OR A MULCH ANCHORING TOOL. A DSK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REINSEED AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

PERMANENT GRASSING DETAIL

SEASON	SEEDING MIXTURE SPECIES	RATE (lb/acre)
SPRING	PERENNIAL RYEGRASS	50
SUMMER	ORCHARD GRASS	40
FALL	GERMAN MILLET	40
WINTER	TALL FESCUE	200
	(BLEND OF 2 OR 3 IMPROVED VARIETIES)	25

**SEEDING DATES (SPRING-SUMMER)**

1. WHERE A HEAT APPROPRIATE IS DESIRED, OAT SEEDS, FERTILIZER AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

**SEEDING DATES**

APRIL 1 - JULY 15

**FALL WINTER**

JANUARY - APRIL  
AUGUST - DECEMBER

SOIL AMENDMENTS

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 500 LB/ACRE 10-10-10 FERTILIZER.

MULCH

APPLY 4,000 LB/ACRE STRAW ANCHOR STRAW BY TACKLING WITH ASPHALT NETTING, OR A MULCH ANCHORING TOOL. A DSK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

REFERTILIZE THE FOLLOWING APRIL WITH 50 LB/ACRE NITROGEN. REPEAT AS GROWTH REQUIRES. MAY BE MOVED ONLY ONCE A YEAR, WHERE A HEAT APPROPRIATE IS DESIRED, OAT SEEDS AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

PERMANENT GRASSING DETAIL

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 500 LB/ACRE 10-10-10 FERTILIZER.

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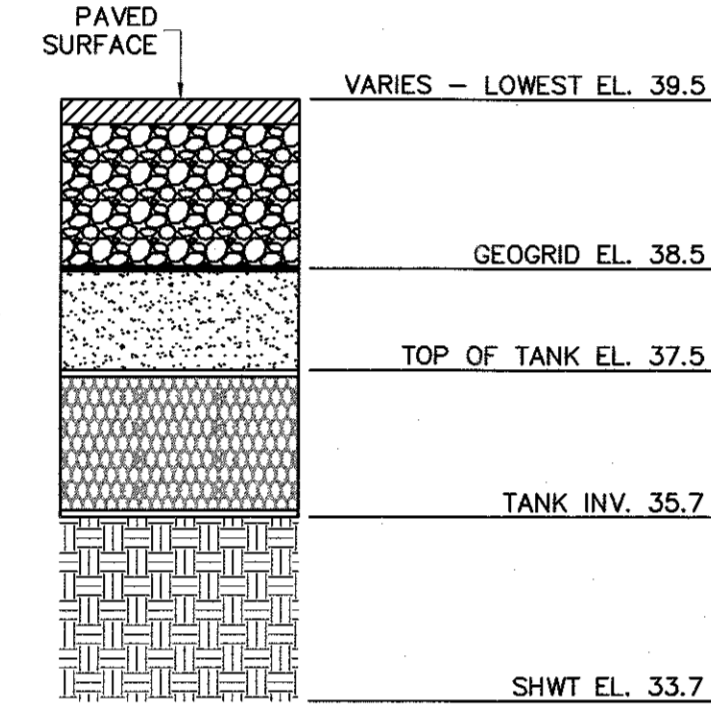
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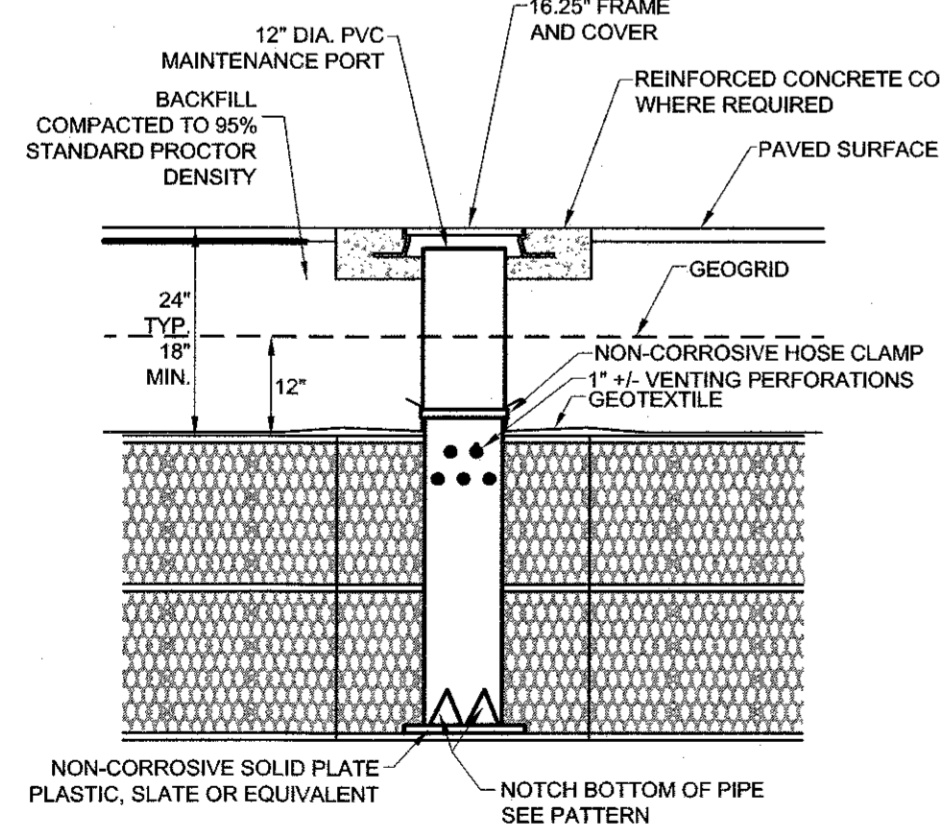
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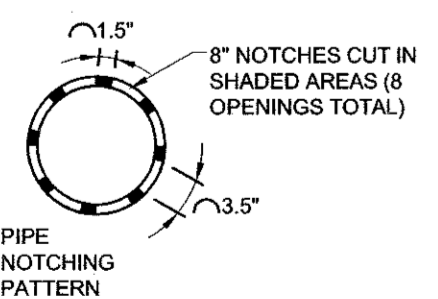
SINGLE R-TANK<sup>HD</sup> ELEVATION  
NTS

- NOTES**
- THIS PORT IS USED TO PUMP WATER INTO THE SYSTEM AND RE-SUSPEND ACCUMULATED SEDIMENT SO THAT IT MAY BE PUMPED OUT.
  - MINIMUM REQUIRED MAINTENANCE INCLUDES A QUARTERLY INSPECTION DURING THE FIRST YEAR OF OPERATION AND A YEARLY INSPECTION THEREAFTER. FLUSH AS NEEDED.
  - ONLY R-TANK<sup>HD</sup> AND R-TANK<sup>SD</sup> MAY BE USED IN TRAFFIC APPLICATIONS.



**DEPTH SUMMARY**

TYPE	A	B
R-TANK	12" MIN - 36" MAX	AS SHOWN ON PLANS
R-TANK <sup>HD</sup>	20" MIN - 6.99' MAX	12"
R-TANK <sup>SD</sup>	18" MIN - 9.99' MAX	12"



R-TANK<sup>HD</sup> TYPICAL MAINTENANCE PORT DETAIL  
NTS

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

Date: \_\_\_\_\_ Permit # \_\_\_\_\_

Signed: \_\_\_\_\_

Approved Construction Plan

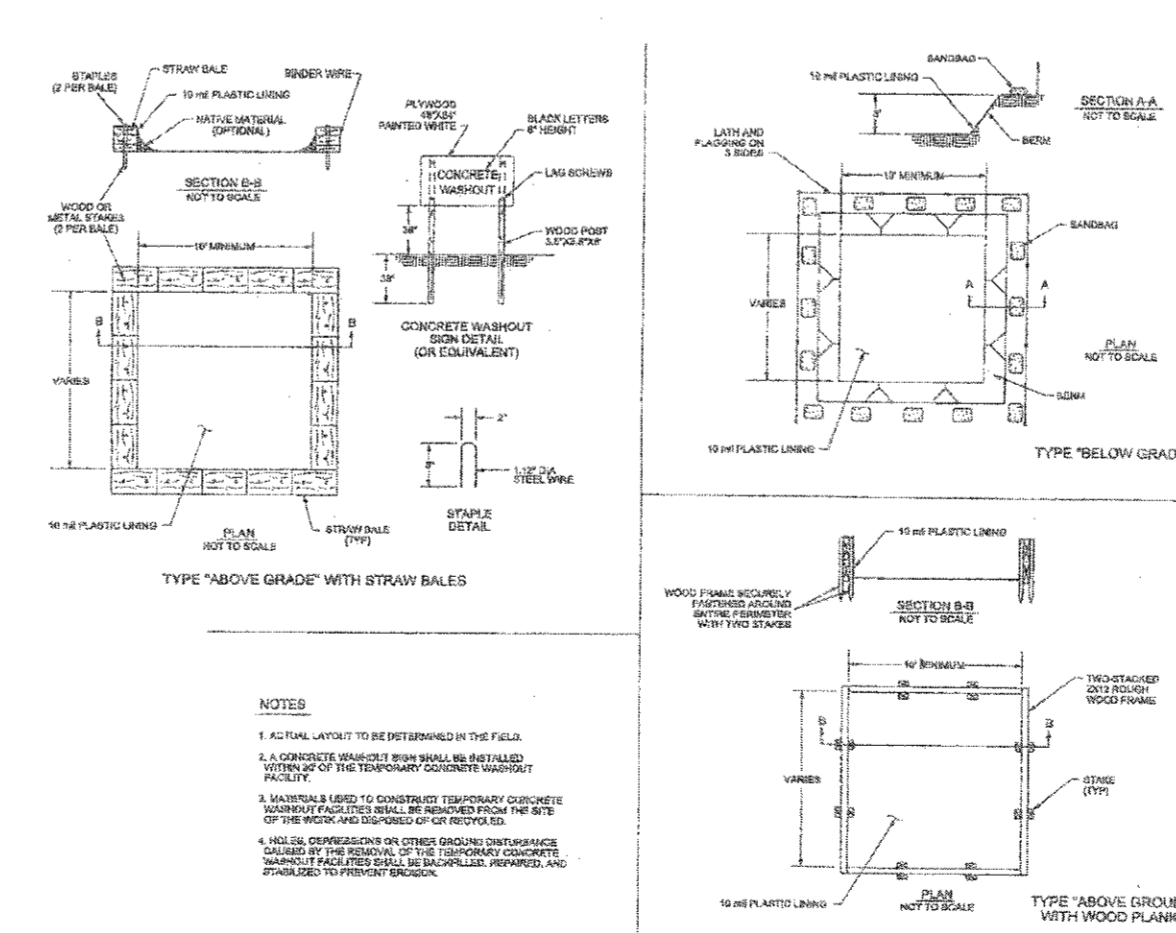
Name \_\_\_\_\_ Date \_\_\_\_\_

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.



CONCRETE WASHOUT DETAIL  
NTS

- MAINTENANCE**
- CONCRETE WASHOUTS SHOULD BE INSPECTED DAILY AND AFTER HEAVY RAINS. DAMAGES SHOULD BE REPAIRED PROMPTLY. IF FILLED TO OVER 75% CAPACITY WITH RAIN WATER IT SHOULD BE WASHED OR ALLOWED TO EVAPORATE TO AVOID OVERFLOWS. BEFORE HEAVY RAINS THE CONTAINERS LIQUID LEVEL SHOULD BE LOWERED OR THE CONTAINER COVERED TO AVOID AN OVERFLOW DURING RAIN. WHEN SOLIDS HAVE HARDENED THEY SHOULD BE REMOVED AND RECYCLED.

REVISIONS

No.	Date	Description	By

**TRIPP ENGINEERING, P.C.**  
419 Chestnut Street  
Wilmington, North Carolina 28401  
Phone 910-763-5100  
Fax 910-763-5631  
© 2018 TRIPP ENGINEERING, P.C.

**WILMINGTON**  
NORTH CAROLINA  
SEAL  
17374  
PHILIP GREGORY TRIPP  
ENGINEER

DATE 05-02-18  
DESIGN PGT  
DRAWN EJW

**C4**  
SHEET 4 OF 4  
17066

REVISIONS		
No./Date	Description	By

LOCATION MAP  
NTS

**EXISTING DRIVEWAY PLAN**  
**PARKWAY AUTOMOTIVE PARKING**  
OWNER: WILMINGTON AUTO GROUP PROPERTIES LLC  
ADDRESS: 5932 MARKET ST., WILMINGTON, NC

**SITE DATA:**

PROPERTY OWNER	WILMINGTON AUTO GROUP PROP. LLC
PROJECT ADDRESS	5932 MARKET ST.
PIN NUMBER	R05006-004-021-000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	RB-REGIONAL BUSINESS

SETBACKS REQUIRED	FRONT: 25'
	REAR: 15'
	INTERIOR SIDE: 0'
	CORNER LOT SIDE: 25'

PROPOSED BUILDING SETBACKS	N/A
TRACT AREA	43,490 SF (1.00 AC)
BUILDING USE	N/A
PROPOSED BUILDING AREA (GROSS)	N/A
BUILDING LOT COVERAGE (15,850/151,429)	N/A
NUMBER OF UNITS	N/A
NUMBER OF BUILDINGS	N/A
BUILDING HEIGHT	N/A
NUMBER OF STORIES	N/A
SF PER FLOOR 1ST FLOOR (GROSS)	N/A

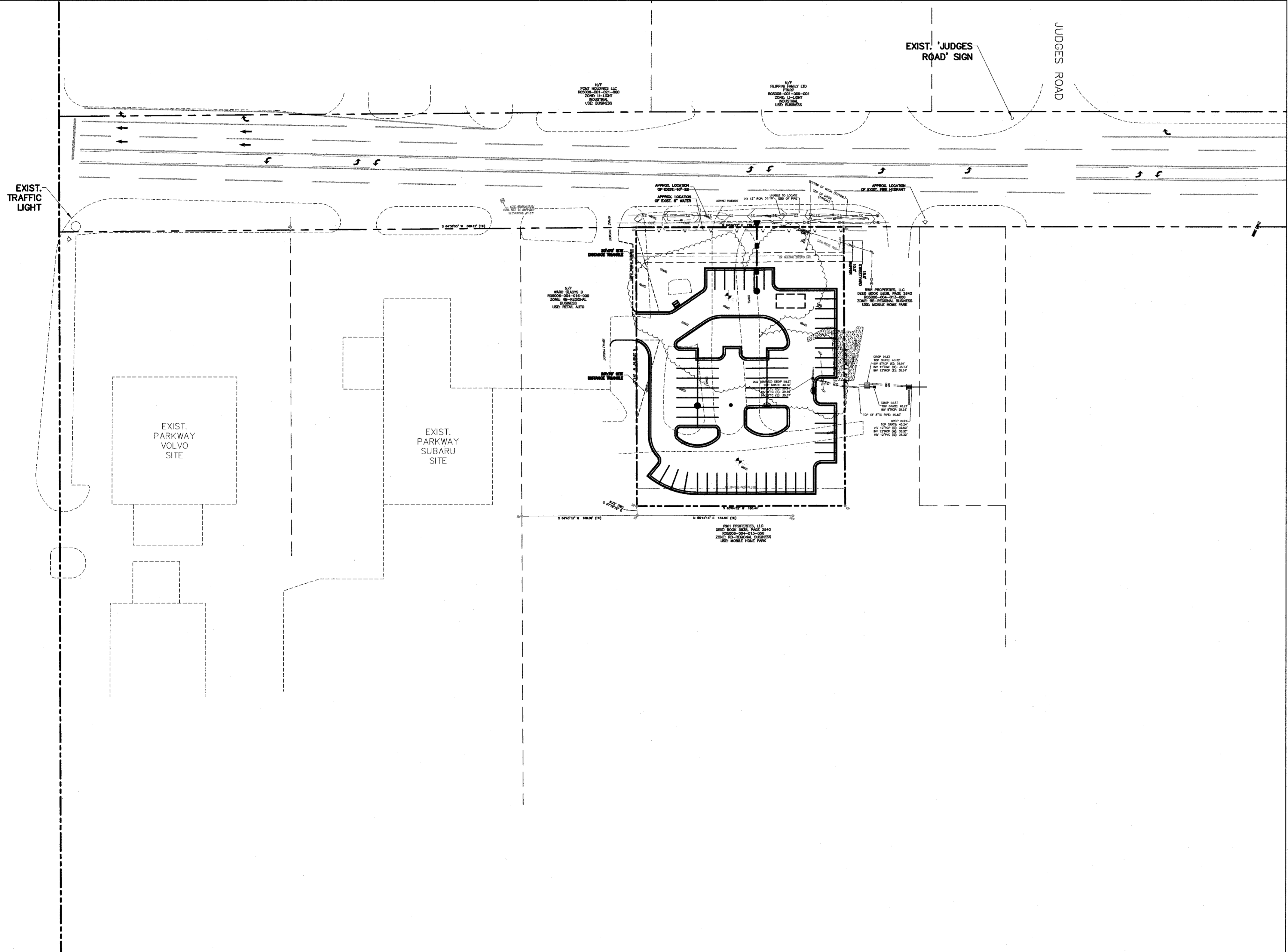
EXISTING IMPERVIOUS (GRAVEL):	13,560 SF (31%)
PROPOSED IMPERVIOUS (ASPHALT):	25,045 SF (58%)

PARKING REQUIRED	N/A
PARKING PROVIDED:	64

CAMA LAND USE:	URBAN
PUBLIC WATER AND SEWER BY C/PUA	0 GPD
EXISTING WATER FLOW:	0 GPD
EXISTING SEWER FLOW:	0 GPD
PROPOSED WATER FLOW:	0 GPD
PROPOSED SEWER FLOW:	0 GPD



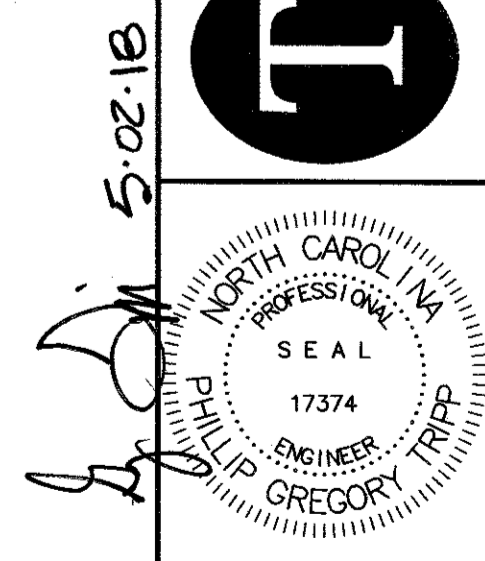
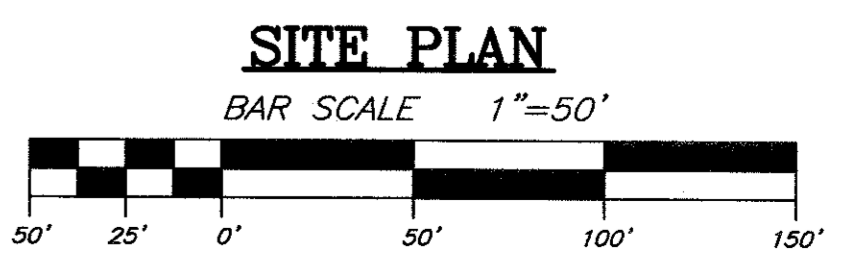
**CITY OF WILMINGTON**  
NORTH CAROLINA  
Public Services • Engineering Division  
APPROVED STORMWATER MANAGEMENT PLAN  
Date: \_\_\_\_\_ Permit # \_\_\_\_\_  
Signed: \_\_\_\_\_

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.

**LEGEND**  
----- PROPERTY BOUNDARY



DATE 05-02-18  
DESIGN PGT  
DRAWN EJW

**D1**

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419 Chestnut Street  
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Phone 910-763-5100  
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