

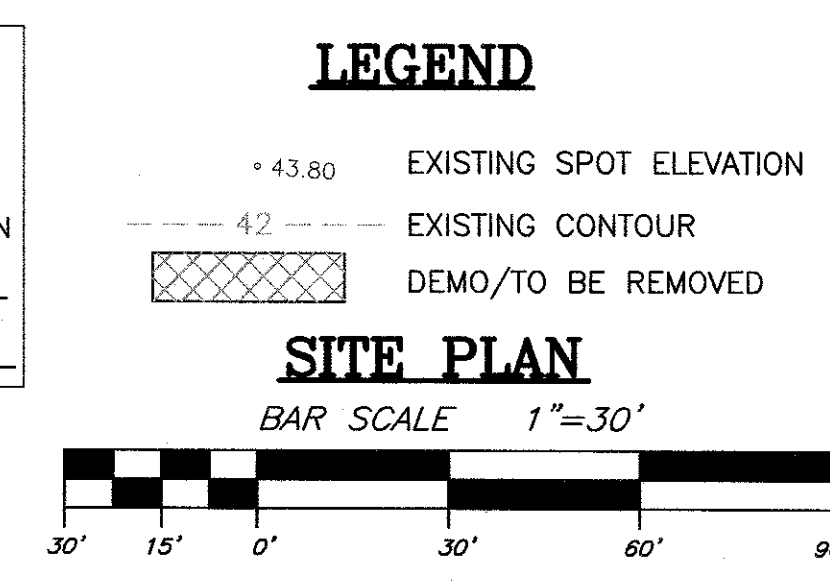
REVISIONS		
No.	Description	By

- SITE INVENTORY NOTES:**
1. PREPARER OF THE PLAN: TRIPP ENGINEERING, P.C.
  2. APPLICANT NAME: GPT INVESTMENTS, LLC
  3. SITE ADDRESS OF THE DEVELOPMENT: 6753 AND 6757 MARKET ST.
  4. PROPERTY OWNER: GPT INVESTMENTS, LLC
  5. DEVELOPER: GPT INVESTMENTS, LLC
  6. PROPERTY BOUNDARY: SEE PLAN  
TAX PARCEL INFORMATION: R04320-001-006-000  
R04320-001-006-000
  7. PROPERTY ZONING: RB-REGIONAL BUSINESS
  8. ADJACENT PROPERTY OWNER INFORMATION: SEE PLAN
  9. VICINITY MAP: SEE PLAN
  10. TOPOGRAPHY: SEE PLAN
  11. 100-YEAR FLOOD BOUNDARY: N/A
  12. EXISTING DITCHES, CREEKS AND STREAMS: SEE PLAN
  13. SOIL: L<sub>6</sub> LEON SAND
  14. CMAA AEC: N/A
  15. CMAA LAND CLASSIFICATION: URBAN
  16. CONSERVATION RESOURCES: NONE  
ASSOCIATED SETBACKS: N/A
  17. HISTORIC OR ARCHAEOLOGICAL SITE: N/A
  18. CEMETERIES, BURIAL SITES/GROUNDS: N/A
  19. FORESTED AREAS, HABITAT AND DOMINANT SPECIES: N/A
  20. WETLANDS: SEE PLAN
  21. PROTECTED SPECIES OR HABITAT: N/A
  22. EXISTING OR PROPOSED THOROUGHFARES, BIKE ROUTES, PEDESTRIAN SIDEWALKS OR TRAILS AND TRANSIT FACILITIES: SEE SITE PLAN

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

Approved Construction Plan	
Name	Date
Planning	
Traffic	
Fire	

City of WILMINGTON NORTH CAROLINA Public Services • Engineering Division APPROVED STORMWATER MANAGEMENT PLAN	
Date:	Permit #
Signed:	



**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. E-127

**BLUEWATER MOTORSPORTS**  
OWNER: GPT INVESTMENTS, LLC  
ADDRESS: 6753-6757 MARKET ST., WILMINGTON, NC

**10-23-18**

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**SEAL**  
17374  
ENGINEER  
PHILIP GREGORY TRIPP

DATE 10-23-18  
DESIGN PGT  
DRAWN EJW

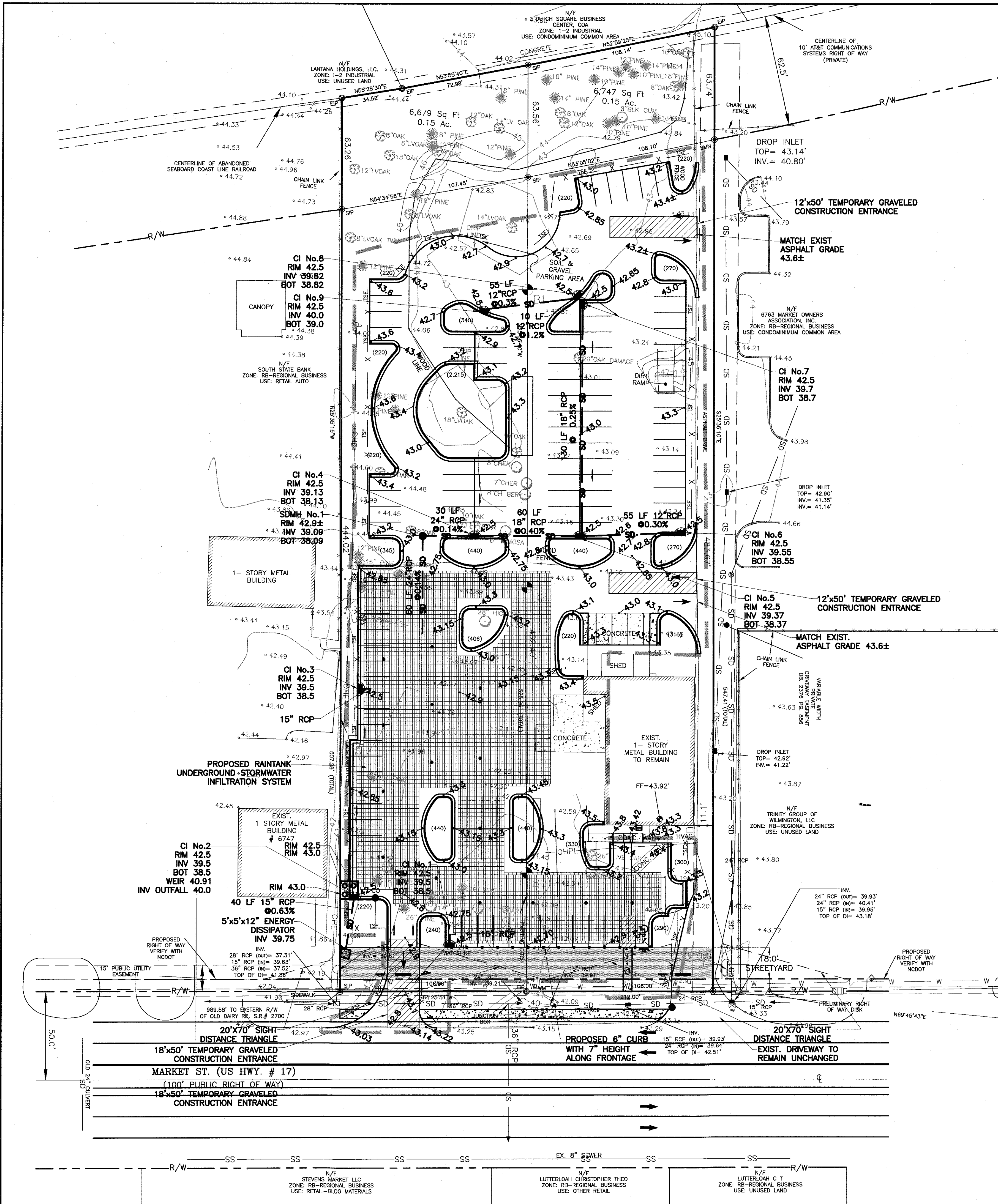
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SHEET 1 OF 5  
17041



SHEET 2 OF 6

17041





**NOTES:**

**ZONING**

1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY MARK A. STOCKS, PLS.

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, INVENTS 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.

**SOLID WASTE**

1) SITE TO USE ROLL-OUT TYPE CARTS.

**TRAFFIC**

1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.

2) ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.

3) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.

4) CALL TRAFFIC ENGINEERING AT 341-7888 FORTY-FOUR HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.

5) ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.

6) CONTACT TRAFFIC ENGINEERING AT 741-7888 TO DISCUSS STREET LIGHTING OPTIONS.

7) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.

8) NO ROWS TO BE CLOSED.

9) NO STREETS PROPOSED.

10) NO OFF SITE PARKING PROPOSED.

11) DRIVEWAY IS PROPOSED.

12) TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING PRIOR TO ACTUAL STRIPING.

13) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.

14) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.

15) TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.

16) A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.

17) 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 AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAN. (SD 15-14 GOW TECH STDS)

**LANDSCAPING**

1) 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.

2) 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 MATERIALS WILL OCCUR IN THOSE AREAS.

3) 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 INSTRUCTIONS ON TREE PROTECTION METHODS.

4) ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10'.

**CFPIA**

1) SITE TO UTILIZE EXISTING UTILITIES.

**DRAINAGE**

1) SITE TO DRAIN TO AN ONSITE INFILTRATION SYSTEM UNDER THE PARKING LOT.

**FIRE AND LIFE SAFETY NOTES**

1) ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.

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

Approved Construction Plan

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

Planning \_\_\_\_\_

Traffic \_\_\_\_\_

Fire \_\_\_\_\_

CITY OF WILMINGTON NORTH CAROLINA

Public Services • Engineering Division

APPROVED STORMWATER MANAGEMENT PLAN

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

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

**LOCATION MAP**

NETHERLANDS DR.

U.S. HIGHWAY 17

MARKET STREET

REVISIONS		
No.	Description	By

**SITE DATA:**

PROPERTY OWNER(S) GPT INVESTMENTS, LLC

140 KING ARTHUR DR.

WILMINGTON, NC 28403

EMAIL ADDRESS GTARTON333@GMAIL.COM

PROJECT ADDRESS(ES) 6753 MARKET ST.

6757 MARKET ST.

PIN NUMBER(S) R04320-001-006-000

R04320-001-007-000

AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.

ZONING DISTRICT RB-REGIONAL BUSINESS

DISTURBED AREA 2 Ac.

SETBACKS REQUIRED FRONT: 25'

REAR: 15'

SIDE: 0'

CORNER LOT SIDE: 25'

PROPOSED BUILDING SETBACKS FRONT: 34'

REAR: 360'

SIDE: 10.6'

CORNER LOT SIDE: N/A

TRACT AREA 111,580 SF (2.56 AC)

BUILDING USE AUTOMOBILE DEALER

PROPOSED BUILDING AREA (GROSS) 0 SF

EXISTING BUILDING AREA (GROSS) 4,824 SF

BUILDING LOT COVERAGE (4,824/111,580) 4.3%

NUMBER OF UNITS 1

NUMBER OF BUILDINGS 1

BUILDING HEIGHT 18'

NUMBER OF STORIES 1

SF PER FLOOR (GROSS) 4,824 SF

EXISTING ON-SITE IMPERVIOUS AREAS:

EXISTING BUILDINGS 4,824 SF

EXISTING ASPHALT 10,440 SF

EXISTING CONCRETE 2,208 SF

TOTAL EXISTING IMPERVIOUS AREA 17,472 SF (15.6%)

PROPOSED ON-SITE IMPERVIOUS AREAS:

PROPOSED BUILDING 56,428 SF

PROPOSED ASPHALT 132 SF

PROPOSED CONCRETE 132 SF

TOTAL PROPOSED IMPERVIOUS AREA 56,560 SF (50.7%)

EXISTING ON-SITE IMPERVIOUS TO BE REMOVED -2,052 SF

EXISTING IMPERVIOUS TO REMAIN 15,420 SF

FUTURE 1,020 SF

PROPOSED+EXISTING IMPERVIOUS 73,000 SF (65.4%)

PARKING REQUIRED: (AUTOMOBILE DEALER) 4,824 SF

MAXIMUM: 1/500 SF (4,824/500) 10

MINIMUM: 1/500 SF (4,824/500) 10

TOTAL PARKING PROVIDED: 120

CUSTOMER/EMPLOYEE PARKING 10

INVENTORY PARKING 110

HANDICAP SPACES REQUIRED: PROPOSED:

1-25 SPACES=1 HANDICAP SPACE 1 SURFACE HANDICAP SPACE

10 SPACES

CAMA LAND USE: URBAN

PUBLIC WATER AND SEWER BY CFPIA

EXISTING WATER FLOW: 600 GPD

EXISTING SEWER FLOW: 500 GPD

PROPOSED WATER FLOW: 300 GPD

PROPOSED SEWER FLOW: 250 GPD

BICYCLE PARKING REQUIRED (10 SPACES) 5 BICYCLE PARKS

BICYCLE PARKING PROPOSED 5 BICYCLE PARKS

**LEGEND**

• 43.80 EXISTING SPOT ELEVATION

• 49.5 PROPOSED SPOT ELEVATION

--- 42 --- EXISTING CONTOUR

SD PROPOSED STORMWATER

TSF X TSF PROPOSED SILT FENCE

LIMITS OF DISTURBANCE

PROPOSED RAIN TANKS

EXISTING CONCRETE

PROPOSED CONCRETE

**SITE PLAN**

BAR SCALE 1"=30'

30' 15' 0' 30' 60' 90'

**GRADING, DRAINAGE, EROSION CONTROL AND STORMWATER MANAGEMENT**

**BLUEWATER MOTORSPORTS**

OWNER: GPT INVESTMENTS, LLC

ADDRESS: 6753-6757 MARKET ST., WILMINGTON, NC

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DATE 10-23-18

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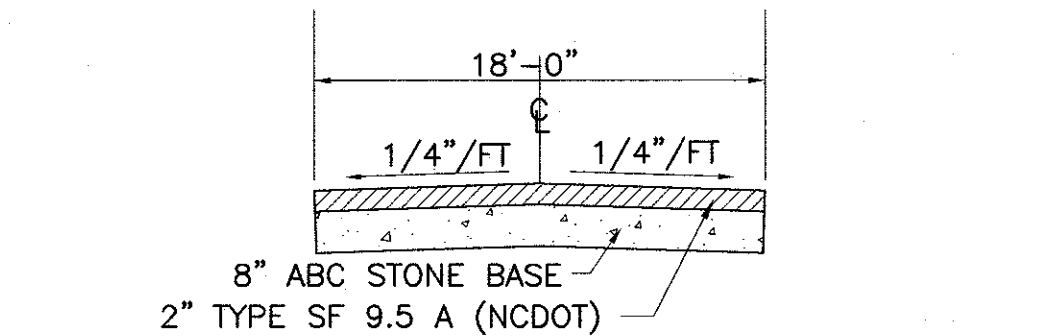
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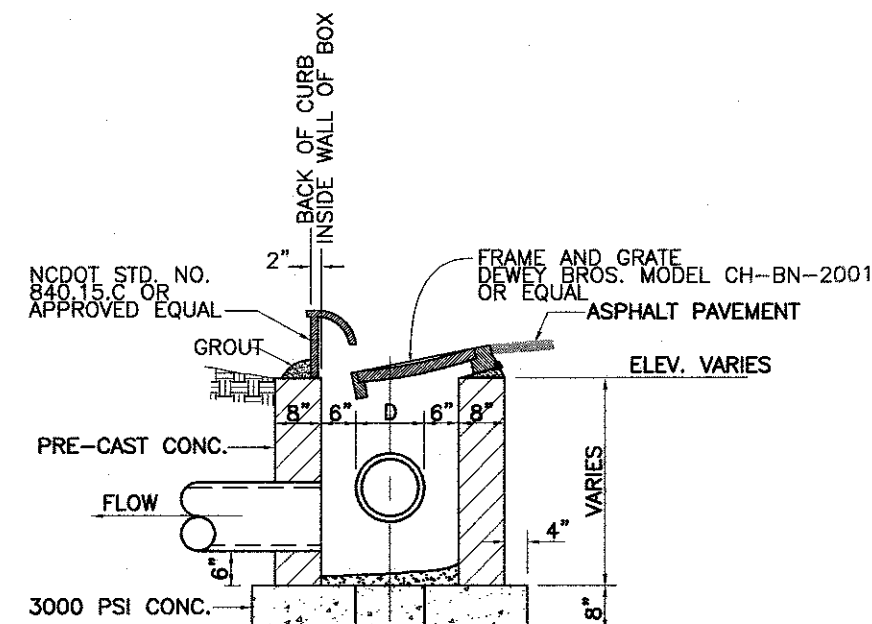
SHEET 3 OF 6

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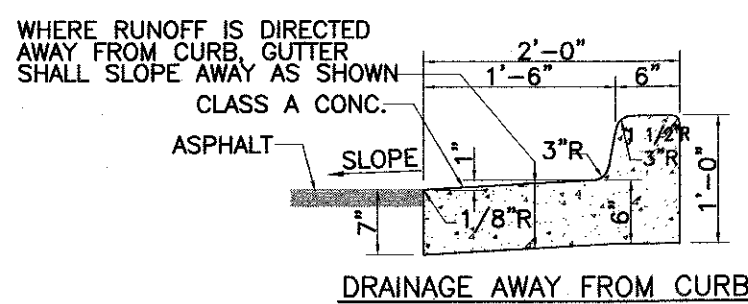


## NTS

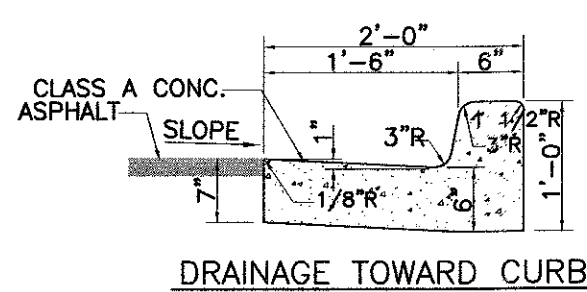


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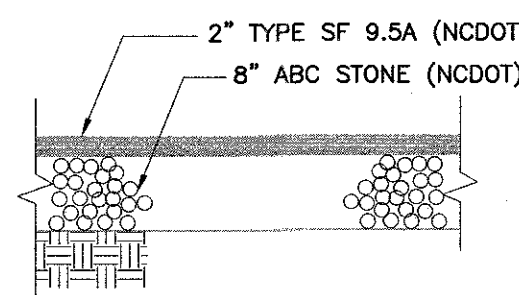
- TEMPORARY SILT FENCE  
NTS



## NTS

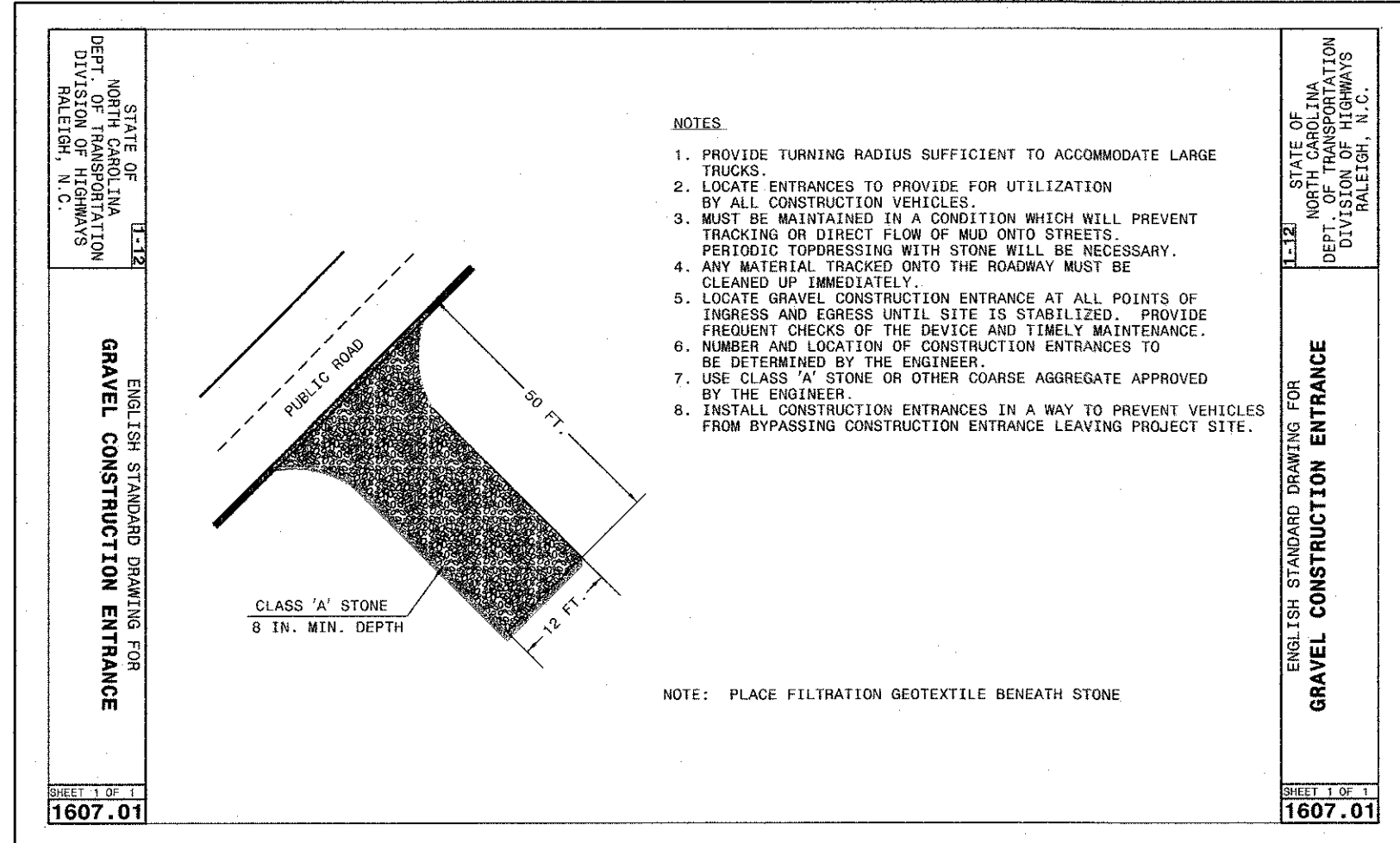


## NIS

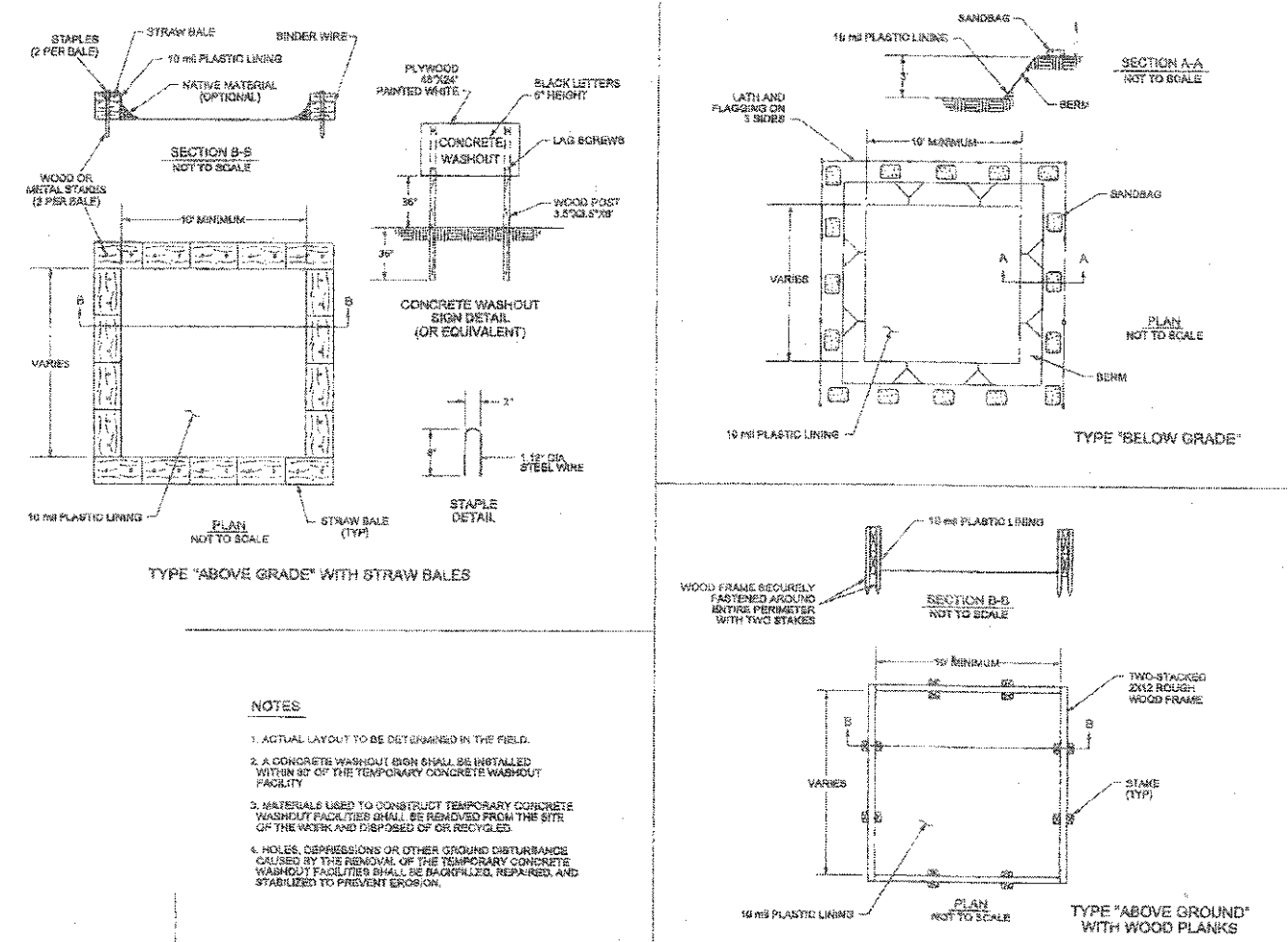


NOTE: PAVEMENT SECTION MAY VARY  
DEPENDENT UPON FIELD CONDITIONS  
CONTRACTOR SHALL COORDINATE  
w/ OWNER & GEOTECHNICAL  
ENGINEER TO DETERMINE  
ACTUAL PAVEMENT SECTION.

## NTS



- NPDES-SPECIFIC PLAN SHEETS NOTES**
1. THIS PAGE IS SUBMITTED TO COMPLY WITH NPDES GENERAL STORMWATER PERMIT NCG010000.
  2. THIS PAGE CAN BE APPROVED BY THE COUNTY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000 ONLY.
  3. THIS PAGE OF THE APPROVED PLANS IS ENFORCEABLE EXCLUSIVELY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000.
  4. THE COUNTY IS NOT AUTHORIZED TO ENFORCE THIS PAGE OF THE PLANS AND IT IS NOT A PART OF THE APPROVED PLAN FOR THE PURPOSES OF ENFORCEMENT ACTION UNDER THE COUNTY CODE.



**MAINTENANCE**

1. CONCRETE WASHOUTS SHOULD BE INSPECTED DAILY AND AFTER HEAVY RAINS. DRAINAGES SHOULD BE REPAIRED PROMPTLY. IF FILLED TO BE OVER 75% CAPACITY WITH RAIN WATER IT SHOULD BE VACUUMED 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.

## NIS

SITE AREA DESCRIPTION	STABILIZATION TIMEFRAME	STABILIZATION TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) 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 HOW ZONES)

TEMPORARY SEEDING SPECIFICATION		
	SEEDING MIXTURE	RATE (lb./acre)
	<u>SPRINGS</u>	
	Rye (Grain)	120
	Annual lespedeza (Grain)	
	Piedmont and Coastal Plain,	
	Koronen in Mountainous country	50
LATE WINTER & EARLY SPRING	Ornit annual lespedeza when	
	coverage of temporary cover is not	
	to extend beyond June.	
	German Millet	40
	to the Piedmont and mountainous, a	
	small-stemmed sudangrasses may be	
	substituted at a rate of 50 lb/acre	
FALL	German Millet	40
<u>SEEDING DATES</u>		
	Mountainous - Above 2000 ft: Feb. 15-May 15	
	Below 2500 ft: Feb. 1-May 15	
LATE WINTER & EARLY SPRING	Piedmont - May 1-July 1	
	Coastal Plain: Dec. 1-Apr. 15	
	Mountainous - May 15-Aug 15	
	Piedmont - May 15-Aug 15	
	Coastal Plain - Apr. 15-Aug 15	
FALL	Mountainous - Aug 15-Dec 15	
	Coastal Plain and Piedmont - Aug 15-Dec 30	
<u>SOIL AMENDMENTS</u>		
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000		
LB/ACRE GROUND AGGREGATE LIMESTONE AND 750		
LB/ACRE 10-10-10 FERTILIZER.		
<u>MULCH</u>		
APPLY 4,000 LB/ACRE STRAW, ANOTHER STRAW BY TACKING		
WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL.		
DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS		
A MULCH ANCHORING TOOL.		
<u>MAINTENANCE</u>		
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED,		
REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION		
OR OTHER DAMAGE.		

# SPRING--SUMMER PERMANENT GRASSING DETAIL

**SEEDING MIXTURE**

<u>SPECIES</u>	<u>RATE (lb./acre)</u>
PERENNIAL BAHAMIGRASS	20
PERENNIAL LEPIDOGRASS	30
COMMON BERBERIS GRASS	10
GERMAN MULLET	10
WALL FESCUE	10

**SEEDING NOTES**

1. WHERE A HEAT APPLICATOR IS DESIRED, OBTAIN SERVICE.  
2. WHERE A HEAT APPLICATOR IS NOT DESIRED, OBTAIN SERVICE WHERE IT CANNOT BE  
OBTAIN A TEST. BERBERIS GRASS ONLY BE REPLACED WITH 1 lb/acre COMPLEX GRASS.

**SEEDING DATES**

APRIL 1 - JULY 15

**SOIL AMENDMENTS**

APPLY 1 TON AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3000 lb/acre  
GROING AGRICULTURE LIMESTONE AND 500 lb/acre 10-10-10 FERTILIZER.

**MULCH**

APPLY 4000 lb/acre GRASS STRAW OR EQUIV. FROM ANOTHER SUITABLE  
SOURCE. MULCH TO BE MOVED ONLY ONCE A YEAR, WHERE A HIGH APPLICATOR IS  
USED WITH A MOUND ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE  
USED AS A MOUND ANCHORING TOOL.

**MAINTENANCE**

REPEAT THE FOLLOWING APRIL WITH 50 lb/acre NITROGEN. REPEAT AS GROWTH  
REQUIRES. MULCH TO BE MOVED ONLY ONCE A YEAR, WHERE A HIGH APPLICATOR IS  
DESIRED. OBTAIN SERVICE AND NOW AS WITH NEED.

**SITE POLLUTANTS NOTES**

1. LOCATE AREAS DEDICATED FOR MANAGEMENT OF LAND CLEARING AND DEMOLITION DEBRIS, CONSTRUCTION AND DOMESTIC WASTE, AND HAZARDOUS OR TOXIC WASTE. THIS LOCATION SHALL BE AT LEAST 50' AWAY FROM STORM DRAIN INLETS AND SURFACE WATER. THE PERMITTEE SHALL SHOW THAT NO OTHER ALTERNATIVES ARE REASONABLY AVAILABLE.

2. DUMPING OF PAINT OR OTHER LIQUID BUILDING MATERIAL WASTES IN STORM DRAINS IS PROHIBITED.

3. LITTER AND SANITARY WASTE--THE PERMITTEE SHALL CONTROL THE MANAGE AND DISPOSAL OF LITTER AND SANITARY WASTE FROM THIS SITE.

4. LOCATE EARTHEN-MAINTAINED STOCK PILE AREAS AT LEAST 50' AWAY FROM STORM DRAIN INLETS AND SURFACE WATERLESS AREAS TO PREVENT ANY OF THE FOLLOWING ALTERNATIVES ARE REASONABLY AVAILABLE.

5. CONCRETE MATERIALS UNLESS, INCLUDING EXCESS CONCRETE, MUST BE CONTROLLED AND MANAGED TO AVOID CONTACT WITH SURFACE WATER. EXCESS CONCRETE, CEMENT OR CEMENT SLURRY SHALL BE DISCHARGED FROM THE SITE.

6. ANY HARMED CONCRETE RESIDUE WILL BE DISPOSED OF OR RECYCLED ON SITE, IN ACCORDANCE WITH LOCAL AND STATE SOLID WASTE REGULATIONS.

7. SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY BEEN ACCORDING TO THE FOLLOWING SCHEDULE:

i. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL SLOPES AND ALL SLOPES STEEPER THAN 1:1 TO 2:1 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE AFTER THE COMPLETION WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.

ii. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

8. CONDITIONS-IN MEETING THE STABILIZATION REQUIREMENTS

a. BELOW CONDITIONS SHALL BE APPLIED TO THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE.

i. ALL AREAS OF DISTURBED GROUND COVER SHALL APPLY TO GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER THAN 4:1. SLOPES LESSER THAN 50' SHALL APPLY GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 4:1, THE 7-DAY REQUIREMENT APPLIES.

ii. ANCEPED FLATTER AREAS SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT.

iii. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 4:1.

iv. AFTER STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ADOPTED ON A CASE-BY-CASE BASIS.

9. FOR PORTION OF PROJECT WHERE THE SEDIMENT CONTROL, COMPACTION-DEFINED "HIGH QUALITY WATER ZONE" (15A NCAQ 04A. 0105), STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF DISTURBED GROUND COVER WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACT.

**SITE WORK NOTES**

1. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIARIZED WITH EXISTING CONDITIONS BOTH ON AND IMMEDIATELY ADJACENT TO THE SITE.
2. THE CONTRACTOR SHALL REMOVE ALL OBSTRUCTIONS AND VEGETATION WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE DESIGNATED TO REMAIN.
3. GRUBBING AND STRIPPING: CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL, OR ANY OTHER UNSUITABLE MATERIAL WITHIN LIMITS OF CONSTRUCTION.
4. MUCKING: CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL ENGINEER TO REMOVE ALL MUCK FROM ALL SOFT AREAS.
5. DISPOSAL: CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY.
6. FILL AND COMPACTION SHOULD COMPLY WITH GEOTECHNICAL REPORT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GRADING PLAN MAY NOT REPRESENT A BALANCED EARTHWORK CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT AND FILL QUANTITIES AND COMPLETE INSTALLATION TO SPECIFIED GRADES.
8. THE CONTRACTOR SHALL FURNISH SUFFICIENT BORROW MATERIAL FROM AN OFF-SITE PROPERLY PERMITTED FACILITY AS REQUIRED.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. BEFORE ANY EXCAVATION OR ANY OTHER WORK, EXCAVATIONS IN OR ALONG ROADWAYS OR RIGHT-OF-WAYS, PUBLIC AREAS OR PRIVATE EASEMENTS, THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE PERSONNEL OF THEIR INTENT TO EXCAVATE, IN WRITING, NOT LESS THAN 10 DAYS PRIOR TO EXCAVATING.
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE DISCONNECTION/RECONNECTION AND/OR THE RELOCATION OF ALL EXISTING UTILITIES WITH APPROPRIATE PERSONNEL.
11. THE CONTRACTOR SHALL SURVEY PERFORMANCE BY VERIFY A STOCKS, PLUS AND SUPPLIED BY THE OWNER.
12. THE CONTRACTOR SHALL FIELD MARK ALL DIMENSIONS AT THE SITE.
13. FURTHERMORE THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES OR DISAGREEMENTS TO THE ENGINEER.
14. THE CONTRACTOR SHALL PROVIDE ANY AND ALL LAYOUT REQUIRED TO CONSTRUCT HIS WORK UNLESS OTHERWISE DIRECTED BY OWNER.
15. ALL PVC UTILITY MAINS SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER.
16. ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO MEET ALL LOCAL AND STATE CODES. METERS, TAPS, MATERIALS, WORKMANSHIP AND ALL FEELS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS.
17. ALL PAVEMENT, BASE AND SUBGRADE SHALL CONFORM TO NCDOT STANDARD INCLUDING WORKMANSHIP, MATERIALS AND EQUIPMENT. APPROPRIATE RECORDS SHALL BE KEPT ON HAND FOR THE ENGINEER'S REVIEW.
18. THE CONTRACTOR SHALL PROVIDE IN ACCORDANCE WITH NCDOT TO MAINTAIN SAFETY AND WAY TRAFFIC.
19. ALL AREAS SHALL BE PROTECTED FOR POSITIVE DRAINAGE. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INSTALLATION. ALL AREAS SHALL BE SLOPED TO DRAIN AWAY FROM BUILDINGS AT ALL TIMES.
20. CONCRETE STORM DRAINAGE PIPE SHALL BE CLASS III WITH RUBBER GASKETED JOINTS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
21. USE WHITE LANE MARKING PAINT FOR ALL PAVEMENT MARKINGS. PAINT SHALL BE A CHLORINATED RUBBER ALKYLENES, FS TT-P-115, TYPE III, FACTORY MIXED, QUOTE, QUOTE, NON BLEEDING, REFLECTIVE MATERIAL MAY BE ADDED AT THE OWNER'S OPTION FOR NON REFLECTING.
22. DUCTILE IRON SHALL BE CLASS 50.
23. CONCRETE FOR WALKS, CURBS AND DRIVES SHALL HAVE A MINIMUM STRENGTH OF 4000 PSI.
24. FIELD TESTING SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY PAID FOR BY THE OWNER. FURTHER TESTING REQUIRED DUE TO A FAILED TEST WILL BE PAID FOR BY THE CONTRACTOR.

DATE \_\_\_\_\_ BY \_\_\_\_\_


FOR ADDITIONAL REQUIREMENTS

**CONSTRUCTION SEQUENCE**

1. NO CUT SLOPE OR FILL SLOPE SHALL EXCEED A RISE OR FALL OF ONE FOOT FOR EVERY RUN OF 3 FEET (1 VERTICAL TO 3 HORIZONTAL).
2. NO SEDIMENT WILL BE ALLOWED TO EXIT THE SITE. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. INSTALL PRIMARY EROSION CONTROL MEASURES BEFORE BEGINNING CONSTRUCTION INCLUDING BUT NOT LIMITED TO: GRAIN, SLOPE PROTECTION ENTRANCE, SILT FENCE, CHECK DAMS, ETC. INSTALL ALL SECONDARY EROSION CONTROL MEASURES AS SOON AS POSSIBLE AFTER BEGINNING CONSTRUCTION.
4. EROSION CONTROL MEASURES TO BE INSPECTED AFTER EACH RAIN. SILT FENCE AND INLET PROTECTION ARE TO BE CLEANED WHEN 0.5 FEET OF SEDIMENT HAVE ACCUMULATED IN FRONT OF THE DEVICE OR WHEN THEY LEAK OR FAIL. SEDIMENT TRAPS ARE CLEANED OUT AS NECESSARY.
5. IF APPLICABLE, CONSTRUCT PROPOSED RETENTION POND TO ACT AS A SEDIMENT BASIN DURING CONSTRUCTION. REMOVE ACCUMULATION OF SEDIMENT FROM THE POND AND ALLOW PROPER FUNCTIONING. RESTORE POND TO DESIGN LEVELS AT THE COMPLETION OF CONSTRUCTION.
6. IF APPLICABLE, INSTALL DROP INLETS WITH INLET PROTECTION TO ACT AS SILT TRAPS DURING CONSTRUCTION. REMOVE ACCUMULATED SILT AS NECESSARY FROM THE POND.
7. A 4" LAYER OF TOPSOIL SHALL BE APPLIED TO ALL NEW AREAS TO BE GRASSED.
8. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PROJECT IS COMPLETE.
9. MORE STRINGENT MEASURES MAY BE REQUIRED TO HALT EROSION IF THOSE ON THIS PLAN PROVE TO BE LESS EFFECTIVE.
10. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF CONSTRUCTION. EROSION CONTROL MEASURES SHALL BE WELL ESTABLISHED PRIOR TO PROJECT COMPLETION.

**MAINTENANCE PLAN**

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL EVENT. THEY WILL BE MAINTAINED AT LEAST ONCE EVERY WEEK AND WITHIN 24 HOURS OF EVERY HALF INCH RAINFALL.
2. ALL POINTS OF EGRESS WILL HAVE CONSTRUCTION ENTRANCES THAT ARE PROTECTED BY A 12" X 12" X 12" WOOD BOX WITH A 12" X 12" X 12" WOOD COVER.
3. #4 STONE TO MAINTAIN PROPER DEPTH. THEY WILL BE MAINTAINED IN AN ATTEMPT TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. IMMEDIATELY REMOVE OBJECTIONABLE MATERIAL, SPILLED, WASHED OR DISPERSED. WHEN THE STONE IS DEPLETED, IT SHALL BE REPLACED.
4. SEDIMENT WILL BE REMOVED FROM HARDWARE CLOTH AND GRAVEL INLET PROTECTION, BLOCK AND GRAVEL INLET, ROCK DOUGHNUT INLET PROTECTION AND ROCK PIPE INLET PROTECTION. WHEN THE DESIGNED CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT, ROCK OR GRAVEL, IT WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND GRAVEL INLET PROTECTION. WHEN THE DESIGNED CAPACITY HAS BEEN HALF FILLED, IT WILL BE CLEANED OR REPLACED. WHEN THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED, DEBRIS WILL BE REMOVED FROM THE ROCK AND GRAVEL INLET PROTECTION. WHEN THE DESIGNED CAPACITY HAS BEEN HALF FILLED, IT WILL BE CLEANED OR REPLACED.
5. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL.
6. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL.
7. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES HALF FILLED. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. STAKES MUST BE STEEL.
8. WHEN STANDARD STRONGEST FABRIC AND WIRE BAKING ARE USED, IF ROCK FILTERS ARE DESIGNED AT LOW POINTS IN THE IN THE SEDIMENT POOL, THEY WILL BE REPLACED WHEN THE SEDIMENT POOL BECOMES HALF FULL OF SEDIMENT, NO LONGER DRAINS AS DESIGNED OR IS DAMAGED.
9. SEDIMENT WILL BE REMOVED FROM SEDIMENT TRAPS WHEN THE DESIGNED STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. THE TRAP WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS OR WHEN THE ROCK IS DISLODGED. BAFFLES WILL BE REPAIRED OR REPLACED IF THEY COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE. SEDIMENT WILL BE REMOVED FROM THE TRAP WHEN DEPOSITS REACH HALF THE HEIGHT OF THE 1<sup>ST</sup> BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.
10. SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE DESIGN STORAGE CAPACITY HAS BEEN HALF FILLED WITH SEDIMENT. ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS AS DESIGNED. DEBRIS WILL BE REMOVED FROM THE ROCK AND GRAVEL INLET PROTECTION. WHEN THE DESIGNED CAPACITY HAS BEEN HALF FILLED, IT WILL BE REPLACED IF THEY TEAR, DECOMPOSE OR BECOME INEFFECTIVE. THEY WILL BE REPLACED PROMPTLY. SEDIMENT WILL BE REMOVED FROM THE BASIN WHEN DEPOSITS REACH HALF THE HEIGHT OF THE 1<sup>ST</sup> BAFFLE. FLOATING SKIMMERS WILL BE INSPECTED WEEKLY AND WILL BE KEPT CLEAN.
11. ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MAINTAINED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN.
12. MAINTAIN A RECORD OF DEVELOPMENT AND MAINTENANCE ACTIVITIES. BE STABILIZED WITHIN 21 CALENDAR DAYS. ALL OTHER AREAS WILL BE STABILIZED WITHIN 15 WORKING DAYS.
13. ADDRESS TURBIDITY ISSUES. THE PUMPS, TANKS, HOSES AND INJECTION SYSTEMS WILL BE CHECKED FOR PROBLEMS OR TURBID DISCHARGES DAILY.

REVISIONS			DETAILS AND NOTES
No./Date	Description	By	
			<p><b>TRIPP ENGINEERING, P.C.</b>  419 Chestnut Street  Wilmington, North Carolina 28401  Phone 910-763-5100  Fax 910-763-5631  © 1998 Tripp Engineering, P.C.</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: center;"> <p><b>T</b></p> <p><b>BLUEWATER MOTORSPORTS</b>  OWNER: GPT INVESTMENTS, LLC  ADDRESS: 6758--6757 MARKET ST.: WILMINGTON, NC</p> </div> </div>

DATE 10-23-18

DESIGN PGT

DRAWN EJW

**C4**

SHEET 4 OF 6

17041

## DETAILS AND NOTES

TRIPP ENGINEERING, P.C.

DATE	10-23-18
DESIGN	PGT
DRAWN	EJW

C4  
SHEET 4 OF 6  
17041



Approved Construction Plan	
<u>Name</u>	<u>Date</u>
Planning _____	
Traffic _____	
Fire _____	

C5

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SHEET 5 OF  
17041

DETAILS AND NOTES

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**BLUEWATER MOTORSPORTS**  
OWNER: GPT INVESTMENTS, LLC  
ADDRESS: 82758, 8252 MARKET ST., WILMINGTON, NC

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01.57.01

DATE 10-23-18  
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SHEET 5 OF

17041



