

HOGGARD HIGH SCHOOL BASEBALL FACILITY BUILDING UPGRADE

WILMINGTON, NORTH CAROLINA

TRC SUBMITTAL SET JUNE 2015

PROJECT ADDRESS:
4305 Shipyard Blvd.
Wilmington, NC 28403

NCDENR PWSS WATER PERMIT #: _____
 WATER CAPACITY: _____ GPD
 DWQ SEWER PERMIT #: _____
 SEWER CAPACITY: _____ GPD
 SEWER SHED # AND PLANT: _____
 SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

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

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

Approved Construction Plan
Name _____ Date _____
Planning _____
Traffic _____
Fire _____

NOTICE REQUIRED

ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF SAID UTILITIES.

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION.

CONTACT "CAROLINA ONE CALL" AT
1-800-632-4949

CONTACT THESE UTILITIES

CITY OF WILMINGTON, DEVELOPMENT SERVICES

ATTN: JIM DIEPENBROCK
PH: 910-341-3257

PIEDMONT NATURAL GAS

ATTN: CARL PAQUET
PH: 910-350-2242

EMERGENCY DIAL 911
POLICE - FIRE - RESCUE

CAPE FEAR PUBLIC UTILITY AUTHORITY (WATER & SEWER)

ATTN: FRANK STYERS
PH: 910-332-6670

DUKE ENERGY PROGRESS

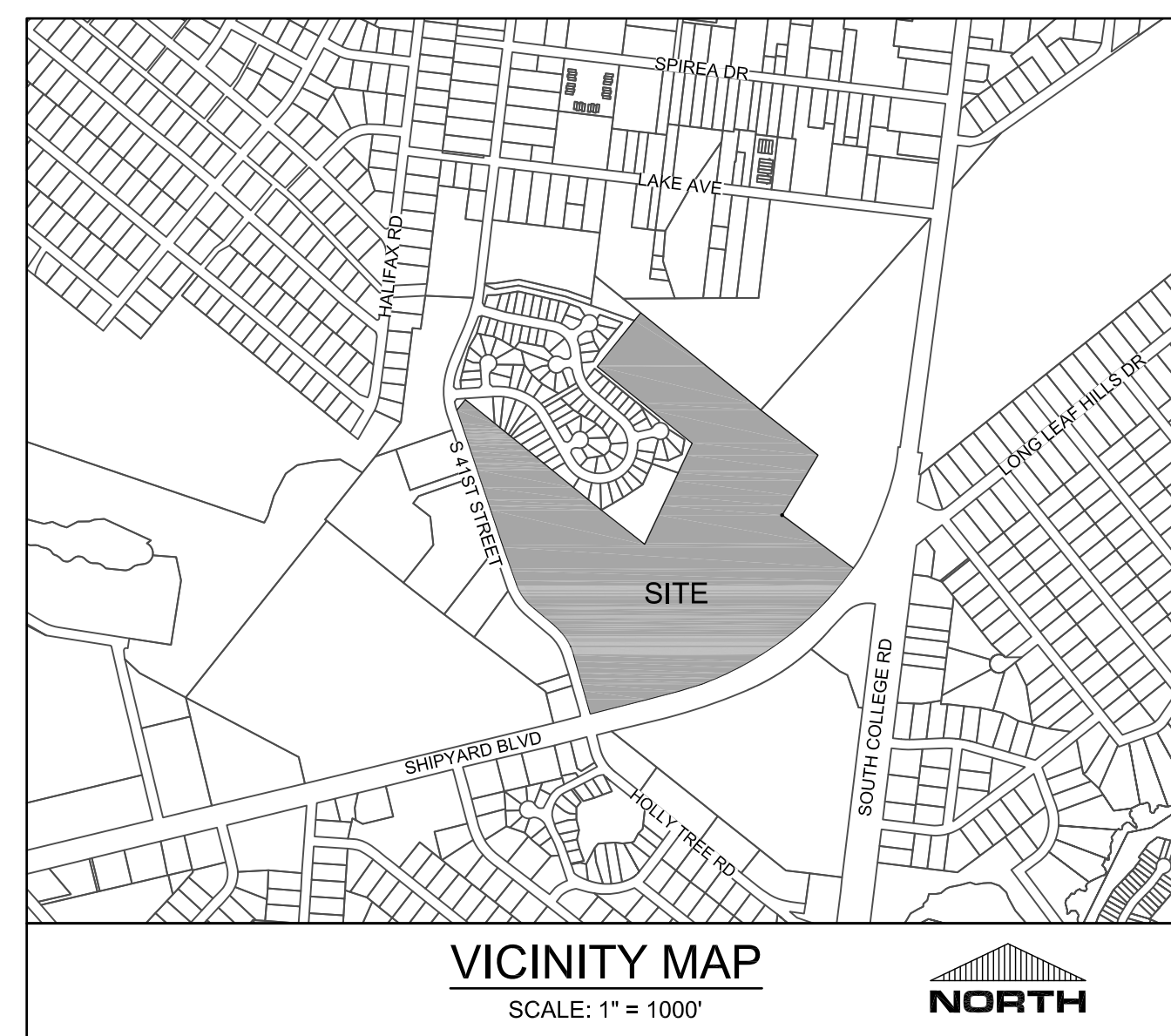
ATTN: KEVIN LEATHERWOOD
PH: 910-602-4304

BELL SOUTH

ATTN: STEVE DAYVAULT
PH: 910-392-8712

TIME WARNER CABLE

PH: 910-763-4638



DEVELOPER:
FRIENDS OF HOGGARD BASEBALL
5417 WHALER WAY
WILMINGTON, NC 28409

CIVIL ENGINEERS, LAND PLANNERS & LANDSCAPE ARCHITECTS:

PARAMOUNTE ENGINEERING, INC.
5911 OLEANDER DRIVE, SUITE 201
WILMINGTON, NORTH CAROLINA 28403
ATTN: DAN WEEKS, RLA (910) 791-6707

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
C-0.0	COVER SHEET
C-1.0	GENERAL NOTES
C-2.0	SITE PLAN
C-3.0	GRADING AND DRAINAGE
SV-1	AS-BUILT SURVEY EXHIBIT

PREPARED BY:

5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (F) (910) 791-6707 (F)
NC License # C-2846
PROJECT # 15186.PE

PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

CLIENT INFORMATION:
Friends of Hoggard Baseball
5417 Whaler Way
Wilmington NC 28409

PARAMOUNTE
ENGINEERING, INC.
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (F) (910) 791-6707 (F)
NC License # C-2846

COVER SHEET
HOGGARD BASEBALL FACILITY BUILDING UPGRADE
CITY OF WILMINGTON
NORTH CAROLINA

PROJECT STATUS	
CONCEPTUAL LAYOUT:	_____
FINAL DESIGN:	_____
RELEASED FOR CONSTRUCTION:	_____
DRAWING INFORMATION	
DATE:	06/26/15
SCALE:	AS SHOWN
DESIGNED:	AW
CHECKED:	PE

SEAL

C-0.0

PEI JOB#: 15186.PE

SITE DATA TABULATION
 OWNER: NEW HANOVER COUNTY SCHOOL BOARD
 JOHN T HOGGARD HIGH SCHOOL
 4305 SHIPYARD BLVD.
 R06114-001-001-000 (project area is ± 0.47 ac out of 60.56 ac)
 TAX PARCEL IDENTIFICATION #: R06114-001-001-000
 RECORDED LOT #: M.B. 5791, PG 0776
 CURRENT ZONING: OFFICE & INSTITUTIONAL-1 (O&I-1)
 CAMA LAND USE CLASSIFICATION: URBAN
 MAXIMUM ALLOWABLE BUILDING HEIGHT: 45'
 PROPOSED BUILDING HEIGHT: 27'
 EXISTING LAND USE: EDUCATIONAL
 PROPOSED LAND USE: EDUCATIONAL

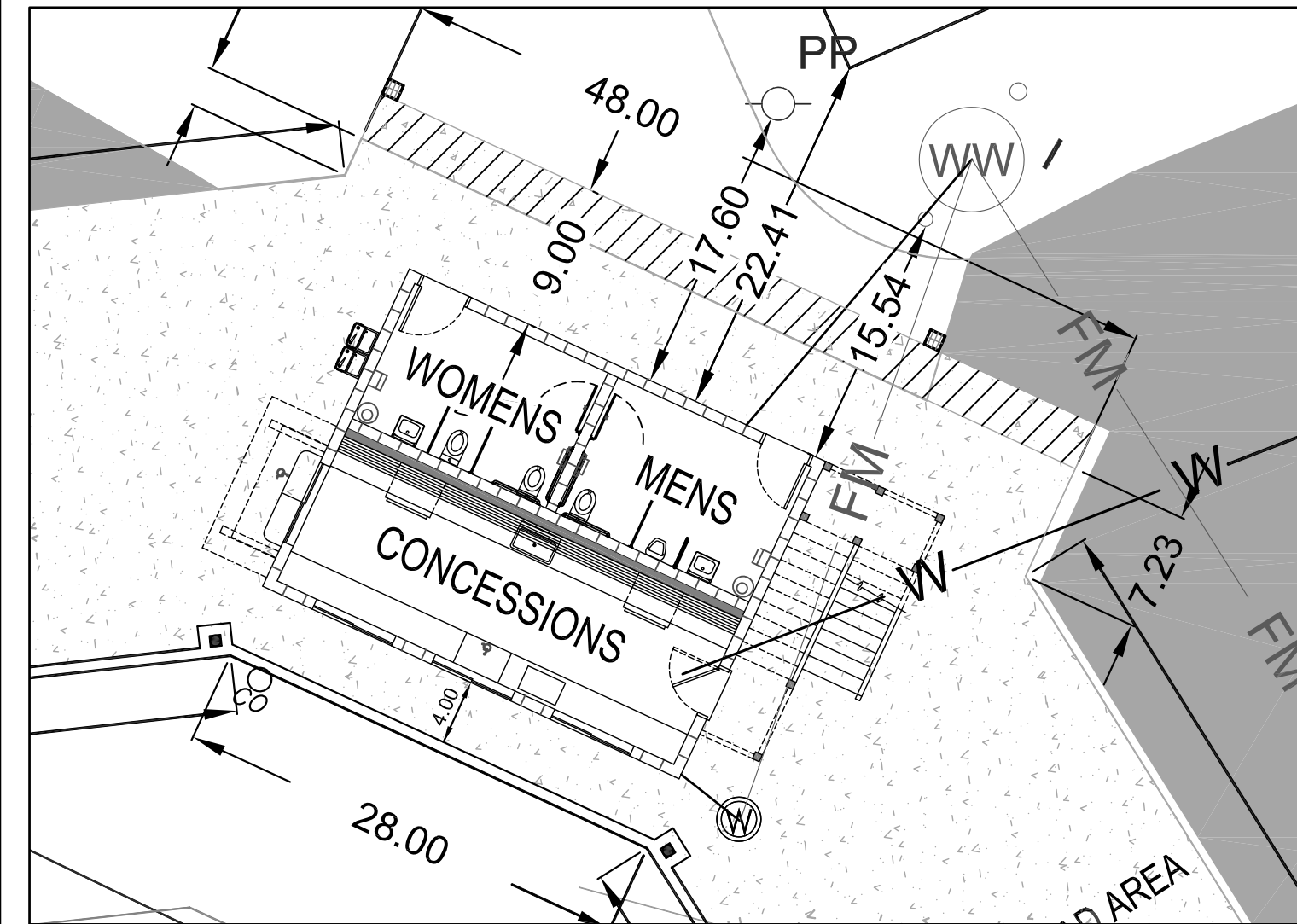
UTILITY INFORMATION
SANITARY SEWER
 EXISTING SANITARY SEWER SERVICE WILL BE RETROFITTED TO SERVE THE SHIFTED BUILDING LOCATION. NO ADDITIONAL FLOW ALLOCATION OR ADDITIONAL SERVICES WILL BE REQUIRED TO SERVE THE UPDATED CONCESSION/RESTROOM BUILDING. SANITARY SEWER ALLOCATION PROVIDED BY CFPWA. PROPOSED SANITARY SEWER SERVICE SHALL BE OWNED AND MAINTAINED BY NEW HANOVER COUNTY SCHOOLS. ALL MATERIAL AND INSTALLATION SHALL CONFORM WITH BUILDING CODE REQUIREMENTS.
WATER
 EXISTING WATER SERVICE WILL BE RETROFITTED TO SERVE THE SHIFTED BUILDING LOCATION. NO ADDITIONAL FLOW ALLOCATION OR ADDITIONAL SERVICES WILL BE REQUIRED TO SERVE THE UPDATED CONCESSION/RESTROOM BUILDING. WATER SERVICE ALLOCATION PROVIDED BY CFPWA. PROPOSED WATER SERVICE SHALL BE OWNED AND MAINTAINED BY NEW HANOVER COUNTY SCHOOLS. ALL MATERIAL AND INSTALLATION SHALL CONFORM WITH BUILDING CODE REQUIREMENTS.

USE INFORMATION
WATER:
 CURRENT USE: 1,280 GPD (ESTIMATED - ONLY WHILE IN USE)
 PROPOSED USE: SAME AS CURRENT
SEWER:
 CURRENT USE: 1,160 (ESTIMATED - ONLY WHILE IN USE)
 PROPOSED USE: SAME AS CURRENT

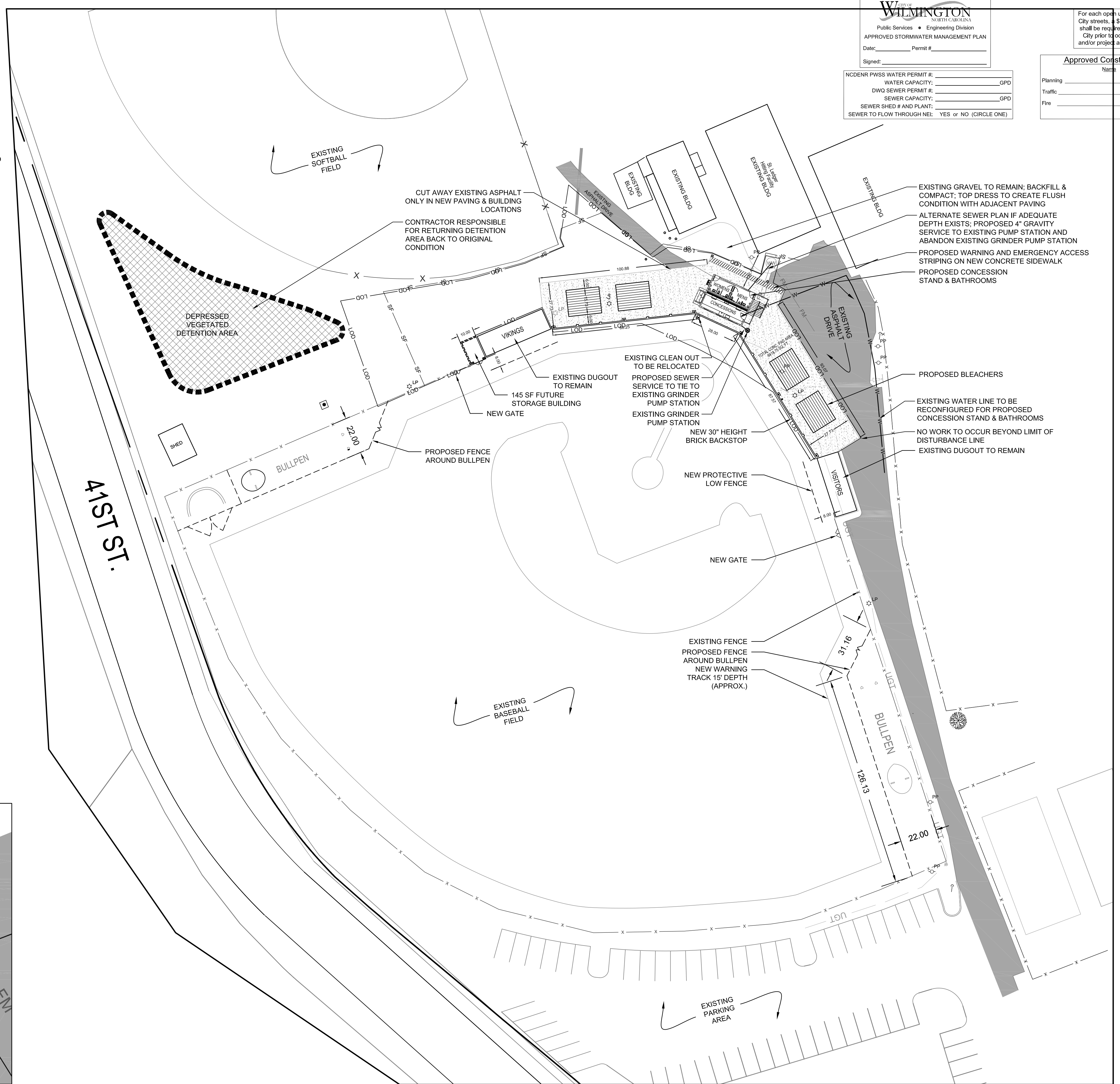
FLOOD NOTE
 THIS PARCEL LIES IN ZONE X (MINIMAL FLOOD RISK). THIS PARCEL HAS FIRM PANEL # 3136, WITH MAP # 3720313600J WITH AN EFFECTIVE DATE OF APRIL 3, 2006.

SURVEY DATUM
 HORIZONTAL CONTROL: NAD 83-2011
 VERTICAL CONTROL: NAVD 88

LEGEND:
 ———— PROPERTY LINE
 - - - - - PROPOSED WATER LINE
 - - - - - PROPOSED SEWER SERVICE
 - - - - - LIMITS OF DISTURBANCE
 - - - - - SILT FENCE



CONCESSION STAND & BATHROOM DETAIL
 SCALE: 1" = 10'



WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____
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 DWG SEWER PERMIT # _____
 SEWER CAPACITY: _____ GPD
 SEWER SHED # AND PLANT: _____
 SEWER TO FLOW THROUGH NEL: YES or NO (CIRCLE ONE)

For each opportunity out 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: _____

GRAPHIC SCALE
 0 15 30 60 120
 SCALE: 1" = 30'

PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

CLIENT INFORMATION:
 Friends of Hoggard Baseball
 5417 Whaler Way
 Wilmington NC 28409

PARAMOUNT
 ENGINEERING
 5911 Oleander Drive, Suite 201
 Wilmington, North Carolina 28403
 (910) 791-6707 (O) (910) 791-6700 (F)
 NC License # C-2846

SITE PLAN
 HOGGARD BASEBALL FACILITY BUILDING UPGRADE
 CITY OF WILMINGTON
 NORTH CAROLINA

PROJECT STATUS
 CONCEPTUAL LAYOUT: _____
 FINAL DESIGN LAYOUT: _____
 RELEASED FOR CONSTRUCTION: _____
DRAWING INFORMATION
 DATE: 08/25/15
 SCALE: 1" = 30'
 DESIGNED: _____
 CHECKED: _____

SEAL
C-2.0
 PEI JOB#: 15186.PE

SITE DATA TABULATION

OWNER:
 NEW HANOVER COUNTY SCHOOL BOARD
 JOHN T HOGGARD HIGH SCHOOL
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 URBAN
 MAXIMUM ALLOWABLE BUILDING HEIGHT:
 45'
 PROPOSED BUILDING HEIGHT:
 27'
 EXISTING LAND USE:
 EDUCATIONAL
 PROPOSED LAND USE:
 EDUCATIONAL

LEGEND:

- - - - - EXISTING CONTOUR
- - - - - PROPOSED CONTOUR
- PG 39.92 - - - - - PROPOSED SPOT GRADE
- - - - - PROPOSED EDGE OF PAVEMENT
- - - - - LOD - LIMITS OF DISTURBANCE
- - - - - SF - SILT FENCE

NOTATION:

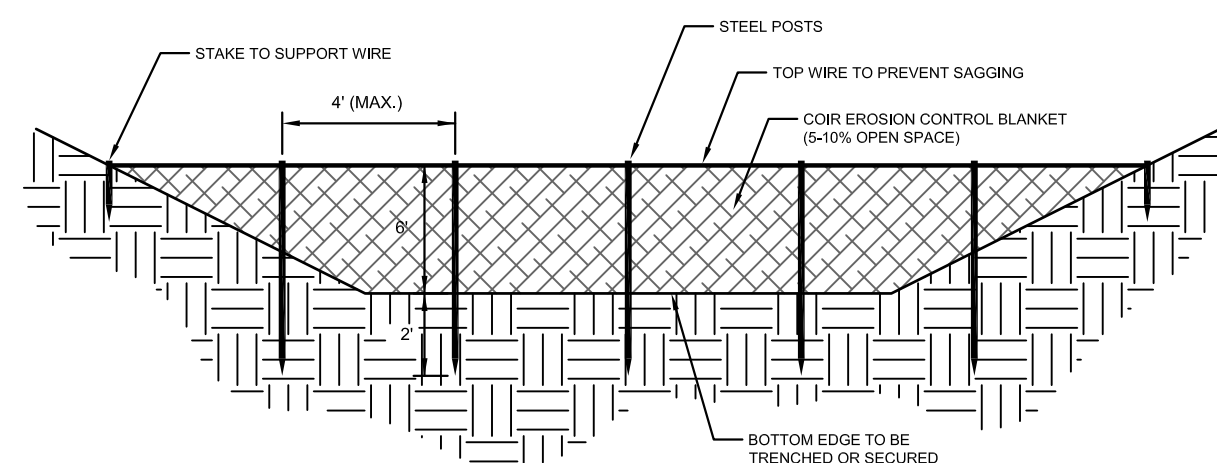
PG = PROPOSED GRADE

- BUILDING PAD NOTE:**
1. SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

- STORMWATER NOTE:**
1. THIS PROJECT WILL BE CONSIDERED A REDEVELOPMENT EXCLUSION FROM THE CITY OF WILMINGTON STORMWATER ORDINANCE.

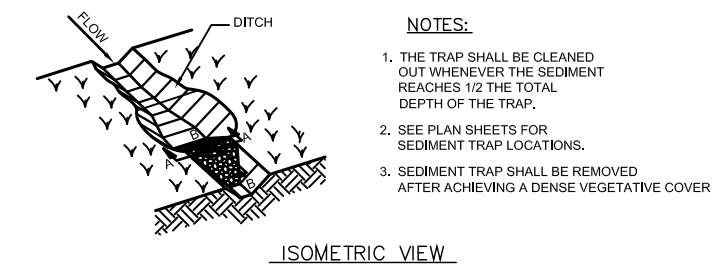
PROPOSED IMPERVIOUS AREA	
TOTAL BUILDING (PROPOSED FOOTPRINT)	533 SF
ON-SITE SIDEWALKS AND FUTURE STORAGE BUILDING (PROPOSED)	6387 SF
TOTAL PROPOSED IMP. AREA	6900 SF (0.16 AC)
EXISTING IMPERVIOUS AREA (PRESS BOX, ASPHALT PAVING)	
TOTAL BUILDING (EXISTING FOOTPRINT)	489 SF
ON-SITE ASPHALT PAVING (EXISTING TO BE REPLACED OR BUILT ON)	2375 SF
ON-SITE SIDEWALKS & CONCRETE PADS (EXISTING)	714 SF
TOTAL EXISTING IMP. AREA	3578 SF (0.08 AC)

- GENERAL NOTES:**
1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY OF WILMINGTON AND NEW HANOVER COUNTY STANDARDS AND SPECIFICATIONS.
 2. THE CONTRACTOR SHALL PLACE INLET PROTECTION AROUND ALL STORM DRAIN AND YARD INLETS TO PROTECT THE SYSTEM FROM COLLECTING SEDIMENTATION DURING CONSTRUCTION. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL THE PAVING IS IN PLACE.
 3. CONTRACTOR SHALL ADJUST ALL FRAMES OF EX. UTILITY INFRASTRUCTURE WITHIN ASPHALT OVERLAY AREAS TO MATCH PROPOSED GRADES.
 4. ALL PROPOSED SPOT (PG) ELEVATIONS SHOWN ARE PROPOSED EDGE OF PAVEMENT OR TOP OF SLAB, UNLESS NOTED OTHERWISE.
 5. ALL ROOF DRAINS SHALL BE DIRECTED TOWARDS DRAINAGE SWALE.
 6. ALL SIDEWALK CROSS SLOPES HAVE BEEN GRADED TO MEET ADA REGULATIONS. CONTRACTOR SHALL CONFIRM GRADES BEFORE PLACING PAVEMENT OR SIDEWALKS AND REPORT ANY DISCREPANCIES TO OWNER AND/OR ENGINEER.
 7. THE CONTRACTOR SHALL USE EITHER RCP (CL. III) OR HDPE PIPE FOR THE STORM DRAINAGE SYSTEM. IF THE CONTRACTOR CHOOSES TO USE HDPE PIPE, IT SHALL BE ADS N-12 HP STORM PIPE OR APPROVED EQUAL AND SHALL BE INSTALLED TO MANUFACTURER SPECIFICATIONS. IN ADDITION, THE CONTRACTOR SHALL BE SURE TO PROVIDE CONCRETE COLLARS AROUND EACH F.E.S. TO PREVENT FLOATATION IF HDPE PIPE IS CHOSEN.

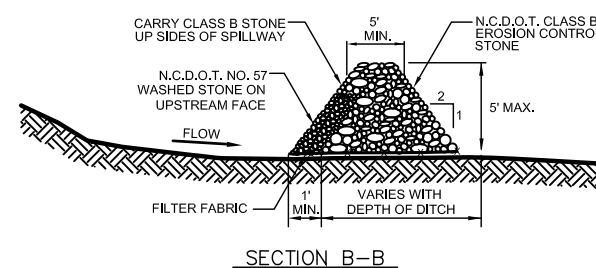


- NOTES:**
1. INSTALL POROUS BATTERIES IN SEDIMENT TRAP AS SHOWN IN THE CHART BELOW.
 2. INSTALL ONE CONTINUOUS PIECE OF FABRIC ACROSS THE ENTIRE BASH--DO NOT SPLICE.

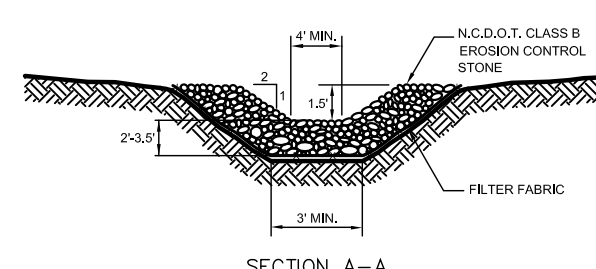
BAFFLE DETAIL
NOT TO SCALE



- NOTES:**
1. THE TRAP SHALL BE CLEANED OUT IMMEDIATELY AFTER THE SEDIMENT DEPOSITED TO THE TOTAL DEPTH OF THE TRAP.
 2. SEE PLAN SHEETS FOR SEDIMENT TRAP LOCATIONS.
 3. SEDIMENT TRAP SHALL BE REMOVED AFTER ACHIEVING A DENSE VEGETATIVE COVER.

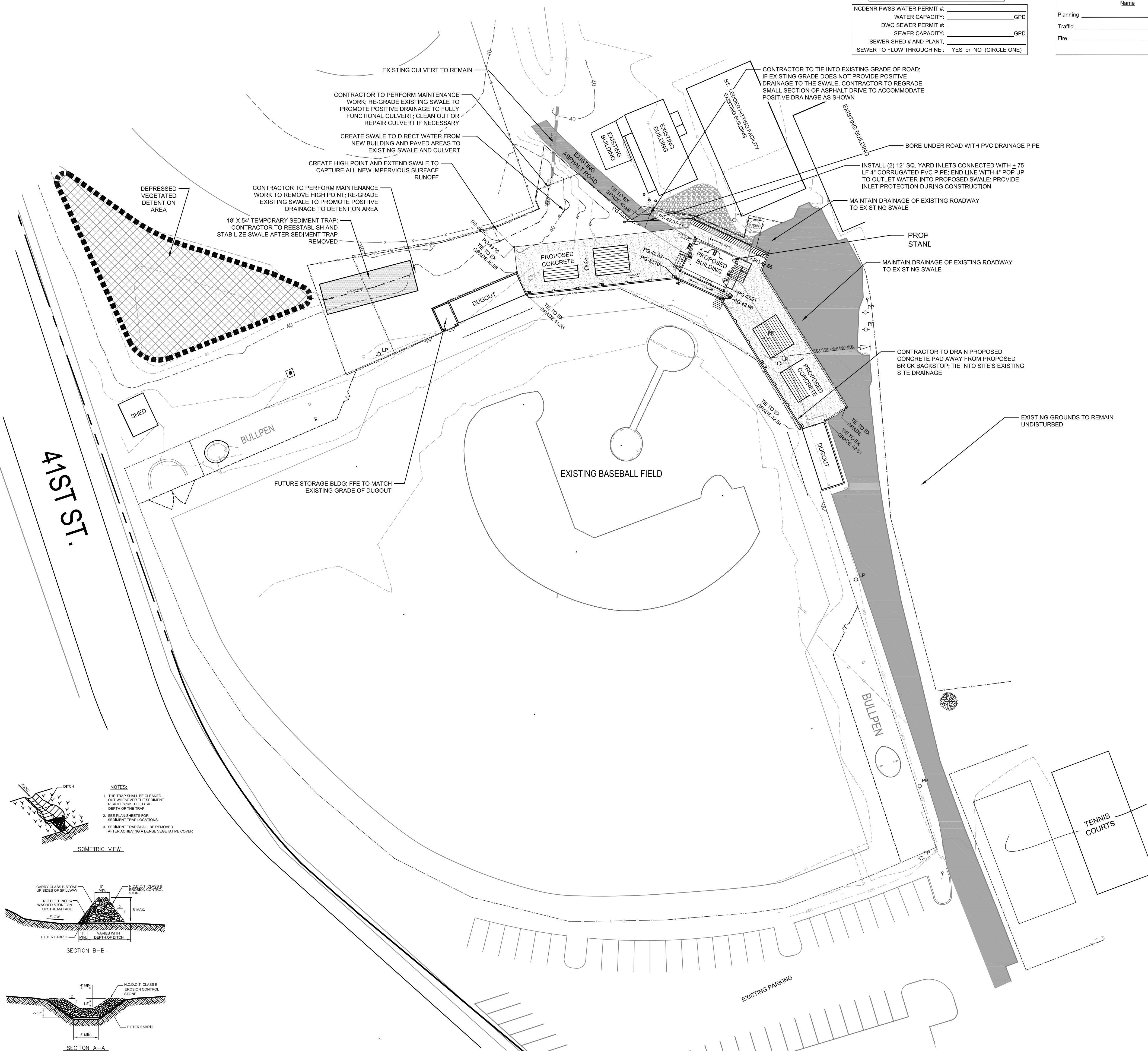


SECTION B-B



SECTION A-A

TEMPORARY SEDIMENT TRAP
NOT TO SCALE



Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

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Approved Construction Plan

Name _____ Date _____

Planning _____

Traffic _____

Fire _____

NCDENR PWSS WATER PERMIT #: _____

WATER CAPACITY: _____ GPD

DWG SEWER PERMIT #: _____

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SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

REVISIONS:

CLIENT INFORMATION:

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 Wilmington, North Carolina 28403
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GRADING AND DRAINAGE PLAN

HOGGARD BASEBALL FACILITY BUILDING UPGRADE
 CITY OF WILMINGTON
 NORTH CAROLINA

PROJECT STATUS

CONCEPTUAL LAYOUT:
 FINAL LAYOUT:
 RELEASED FOR CONSTRUCTION:

DRAWING INFORMATION

DATE: 08/24/15
 SCALE: 1"=30'
 DESIGNED: AUE
 CHECKED: AUE

SEAL

C-3

PIE JOB#: 15186.PE

PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION

GRAPHIC SCALE

SCALE: 1"=30'

