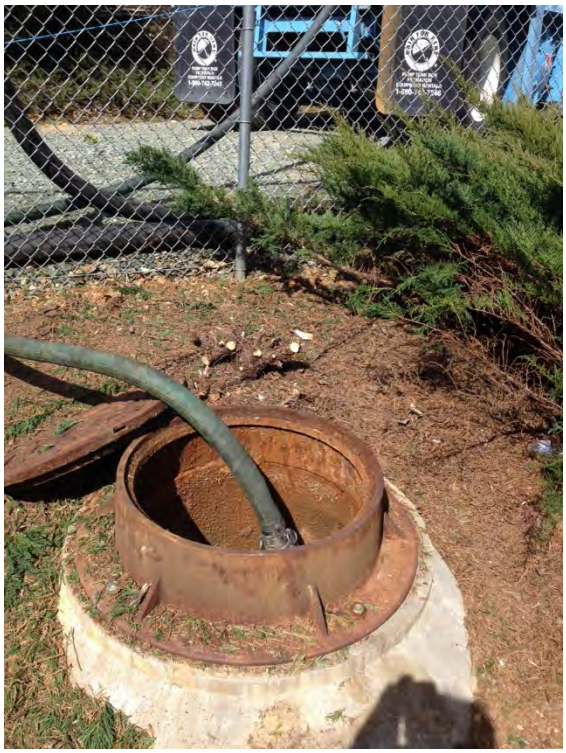
UNC BINGHAM FACILITY PUMP AND HAUL MODIFICATION - MARCH 2014

Photograph 1: Wastewater was bypassed from the septic tank effluent pump station to the grinder pump station through flexible piping (see attached drawings).

Photograph 2: Close-up photo of the bypass. The two capped lines go to the manhole located near the Capetown system. The lines from the pumps flow through black check valves, are manifolded together, and piped to grinder pump station.

Photograph 3: Top of grinder pump station and flexible piping from the effluent pump station. Flow from grinder pump station also goes to manhole located near the Capetown system.



Photograph 4: Manhole located near the Capetown system. Flow is diverted from the manhole to the portable storage tank through flexible piping.

Photograph 5: Close-up photo of the manhole located near the Capetown system.

Photograph 6: Hose from manhole to the back of the portable storage tank. Larger hoses hanging on fence and along base of fence are not being used.

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Photograph 7: Front of portable storage tank. Blue wire going into the upper manhole is the high-level alarm.

Photograph 8: Dirt line on the wall of the Capetown system shows the amount the system has lifted.

NORTH

FOR DETAILS SEE PHOTOGRAPHS 1, 2, AND 3

GRINDER PUMP STATION

SEPTIC TANK EFFLUENT PUMP STATION

SEE DETAIL 2/C2 ON THIS SHEET

PORTABLE STORAGE TANK

FOR DETAILS SEE PHOTOGRAPHS 4, 5, AND 6

EXISTING MANHOLE

CAPETOWN ANIMAL WASTEWATER TREATMENT SYSTEM

8'CHL

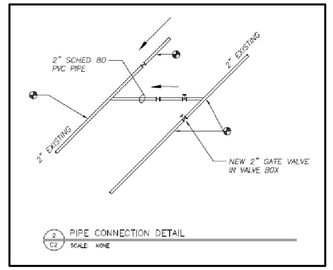
6'CHL

8'CHAIN-LINK FENCE

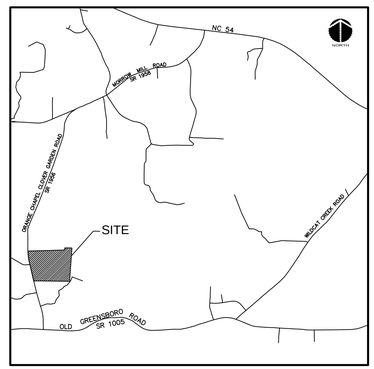
EXISTING ENLARGED SITE PLAN
SCALE: 1" = 20'

LEGEND

- EXISTING POTABLE WATER WELL
- EXISTING MONITORING WELL
- EXISTING PIEZOMETER
- EXISTING BORING
- EXISTING ELECTRICAL TRANSFORMER
- EXISTING LIGHT POLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING TELEPHONE HAND HOLE
- EXISTING CABLE TV BOX
- EXISTING POTABLE WATER METER
- EXISTING POTABLE WATER TREATMENT BACKWASH FORCEMAIN
- EXISTING FORCEMAIN
- EXISTING POTABLE WATER
- EXISTING SANITARY SEWER
- EXISTING FENCE
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING STREAM
- EXISTING PROPERTY LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING STORM DRAIN
- EXISTING BUSHES
- EXISTING WOODSLINE
- EXISTING RIP RAP AREA
- EXISTING LANDSCAPED AREA
- EXISTING WETLAND AREA



2 / C2 PIPE CONNECTION DETAIL
SCALE: NONE



VICINITY MAP

NOTES

1. EXISTING UNDERGROUND UTILITIES ARE SHOWN BASED ON BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES BEFORE PERFORMING WORK.
2. REFERENCE ELECTRICAL DRAWINGS FOR EXISTING UNDERGROUND ELECTRICAL UTILITIES.

REV.NO.	DESCRIPTIONS	DATE

REVISIONS

SEAL

SEAL

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THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

BINGHAM FACILITY WASTEWATER SYSTEM IMPROVEMENTS

PUMP AND HAUL – MARCH 2014

DATE:	MARCH 2014
MCE PROJ. #	1488-0032
DRAWN	SHK
DESIGNED	KJS
CHECKED	KJS
PROJ. MGR.	KJS

SCALE
HORIZONTAL: 1" = 20'
VERTICAL: NA

M&C FILE NUMBER

DRAWING NUMBER
C02

STATUS: ISSUED FOR CONSTRUCTION

REVISION 0