RCO977

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DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT BRAGG
2175 REILLY ROAD, STOP A
FORT BRAGG NORTH CAROLINA 28310-5000

REPLY TO
ATTENTION OF

January 31, 2007

Received
FEB 2007
Solid Waste Section

Directorate of Public Works

Mr. Ed Mussler, Eastern Area Engineer
North Carolina Department of Environment
Health and Natural Resources
Division of Waste Management, Solid Waste Section
Mail Service Center 1646
Raleigh, NC 27699-1646

SUBJECT: Solid Waste Permit No. 26-08, Permit to Construct: Revise C & D Landfill Phase I, Fort Bragg C & D Facility, Fort Bragg, Cumberland County

Dear Mr. Mussler:

I request that you issue a permit to operate for Phase I of Fort Bragg's construction and demolition (C&D) landfill expansion. The construction certification for Phase I , with three copies of the changes to the permit to construct, are enclosed.

Please address questions to the project manager, Mr. George Whitley, at george.whitley@us.army.mil or (910) 396-3702.

Sincerely,

Gregory G. Bean
Director of Public Works

Enclosures

DEPARTMENT OF THE ARMY

SAVANNAH DISTRICT, CORPS OF ENGINEERS
NORTH CAROLINA AREA OFFICE
P.O. BOX 70247, FORT BRAGG, NC 28307-0247

January 29, 2007

Received
FEB 200
Solid Waste Section

CESAS-CD-BR (415-15k)

SUBJECT: Solid Waste Permit No. 26-08
PERMIT TO CONSTRUCT: Revise C&D Landfill PHASE I
Fort Bragg C&D Facility; Fort Bragg, Cumberland County

Mr. Ed Mussler, Eastern Area Engineer
NC Department of Environment, Health, & Natural Resources
Division of Waste Management, Solid Waste Section
Mail Service Center 1646
Raleigh, NC 27699-1646

Dear Mr. Mussler:

Construction of Phase I of this project is complete. As discussed with Mr. Geoff Little of your office in a meeting on January 10, 2007, minor changes to the Permit to Construct (approved September 21, 2004) are shown on the attached four sheets (3 sets), specifically:

1. Grades have minor modifications as per attached drawings.

2. Limits of waste have been slightly adjusted in the vicinity of the 24" RCP culvert as per attached revised permit drawings.

3. There has been a net gain of air space of 13,000 CY.

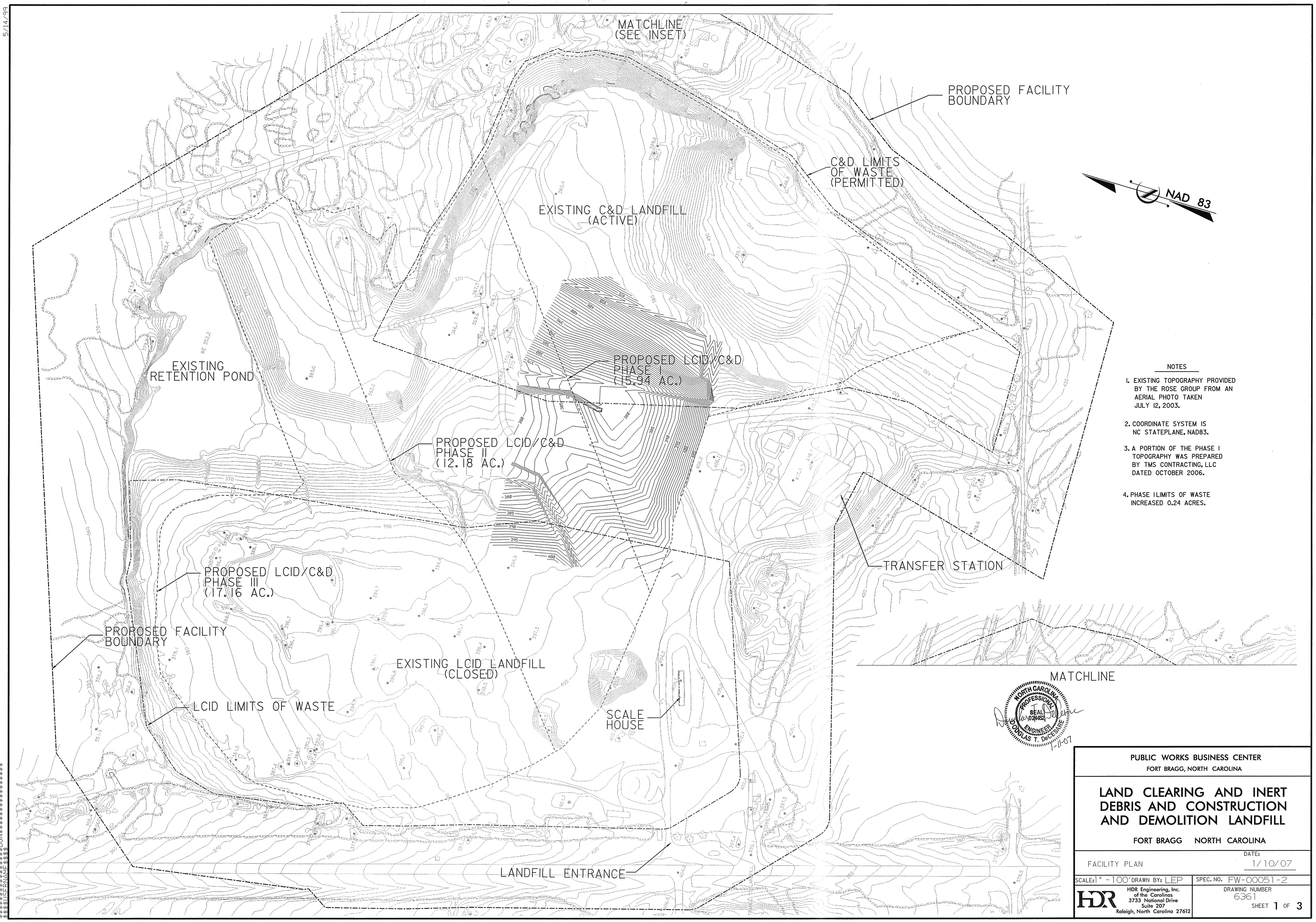
I certify that the Fort Bragg C&D landfill expansion, Phase I, has been constructed in general accordance with the approved Permit to Construct, including plans and specifications, with the above exceptions. This certification is based on periodic field observation during construction of the project.

Sincerely,

Marcia C. Meekins / NC 025888

Marcia C. Meekins, P.E.
Administrative Contacting Officer

Encl (as-built drawings)
Ltr #003



NOTES

1. EXISTING TOPOGRAPHY PROVIDED BY THE ROSE GROUP FROM AN AERIAL PHOTO TAKEN JULY 12, 2003.
2. COORDINATE SYSTEM IS NC STATEPLANE, NAD83.
3. A PORTION OF THE PHASE I TOPOGRAPHY WAS PREPARED BY TMS CONTRACTING, LLC DATED OCTOBER 2006.
4. PHASE I LIMITS OF WASTE INCREASED 0.24 ACRES.

PUBLIC WORKS BUSINESS CENTER
FORT BRAGG, NORTH CAROLINA

LAND CLEARING AND INERT DEBRIS AND CONSTRUCTION AND DEMOLITION LANDFILL

FORT BRAGG NORTH CAROLINA

FACILITY PLAN

DATE: 1/10/07

SCALE: 1" - 100' DRAWN BY: LEP

SPEC. NO. FW-00051-2

HDR Engineering, Inc. of the Carolinas
3733 National Drive
Suite 207
Raleigh, North Carolina 27612

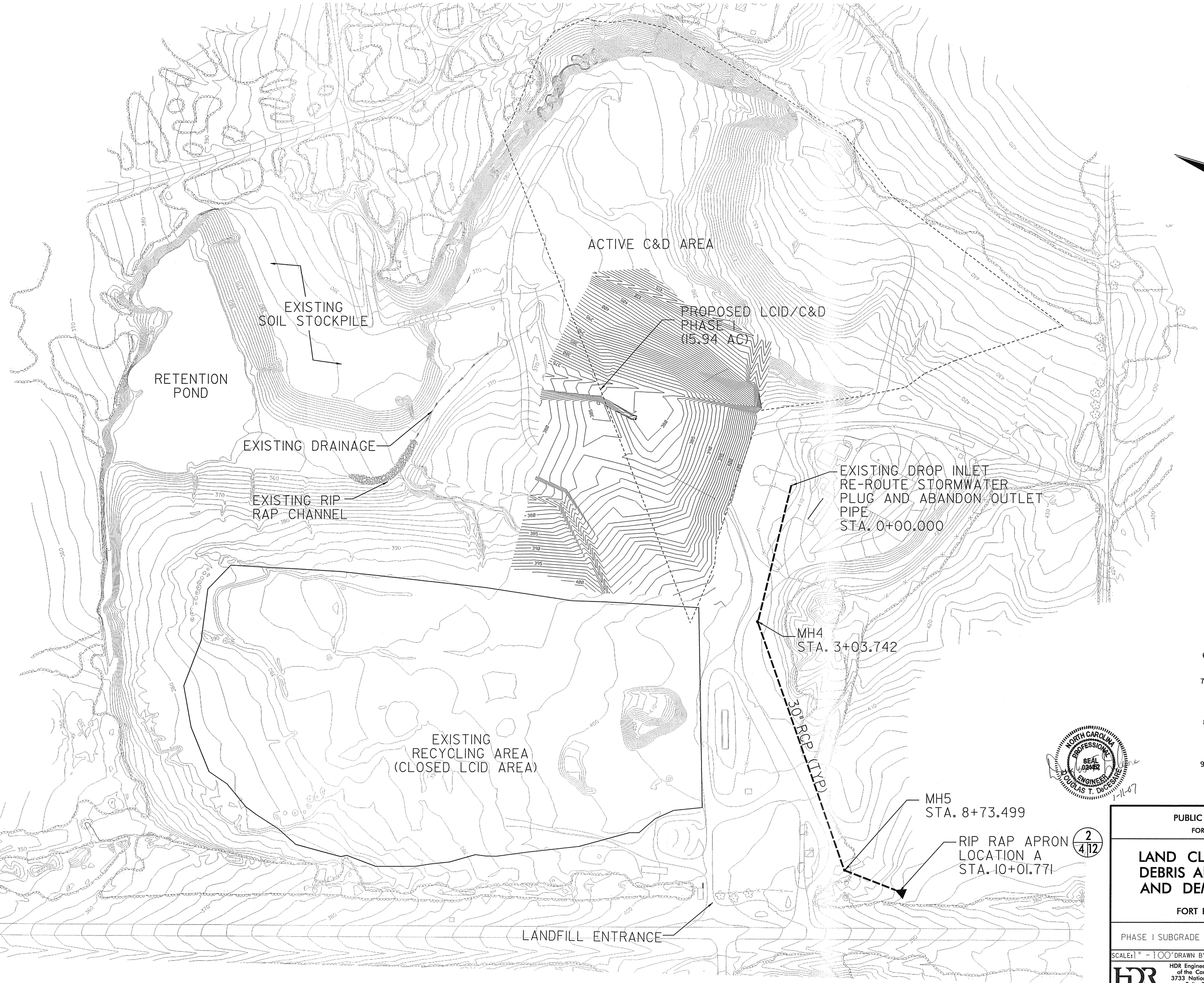
DRAWING NUMBER 6361

SHEET 1 OF 3

5/14/99

$$$$SYSTIME$$$$
$$$$USERNAME$$$$

5/14/99



NOTES

1. EXISTING TOPOGRAPHY SUPPLIED BY THE ROSE GROUP FROM AND AERIAL PHOTOGRAPH DATED NOVEMBER 17, 2003.
2. COORDINATE SYSTEM IS NC STATE PLANE, NAD 83.
3. EXCAVATED VOLUME: 39,000 CY.
4. ANY SURPLUS OF SOIL EXCAVATED NOT USED IN OPERATIONS WILL BE STOCKPILED IN THE EXISTING STOCKPILE LOCATION.
5. EXISTING STORMWATER FEATURES SHALL BE UTILIZED AND MAINTAINED DURING OPERATIONS WITHIN PHASE I.
6. RECYCLING AREA SHALL BE PLACED OVER THE LCID CAP SYSTEM.
7. WASTE ENCOUNTERED DURING INSTALLATION OF STORMWATER PIPING WILL BE WEIGHED AND HAULED TO THE ACTIVE FILL AREA.
8. A PORTION OF THE PHASE I TOPOGRAPHY WAS PREPARED BY TMS CONTRACTING, LLC DATED OCTOBER 2006.
9. PHASE I LIMITS OF WASTE INCREASED 0.24 ACRES.

NORTH CAROLINA PROFESSIONAL SEAL 024482 ENGINEER DOUGLAS T. DeCESARE
1-11-07

PUBLIC WORKS BUSINESS CENTER
FORT BRAGG, NORTH CAROLINA

LAND CLEARING AND INERT DEBRIS AND CONSTRUCTION AND DEMOLITION LANDFILL

FORT BRAGG NORTH CAROLINA

PHASE I SUBGRADE

DATE: 1/10/07

SCALE: 1" = 100' DRAWN BY: LEP

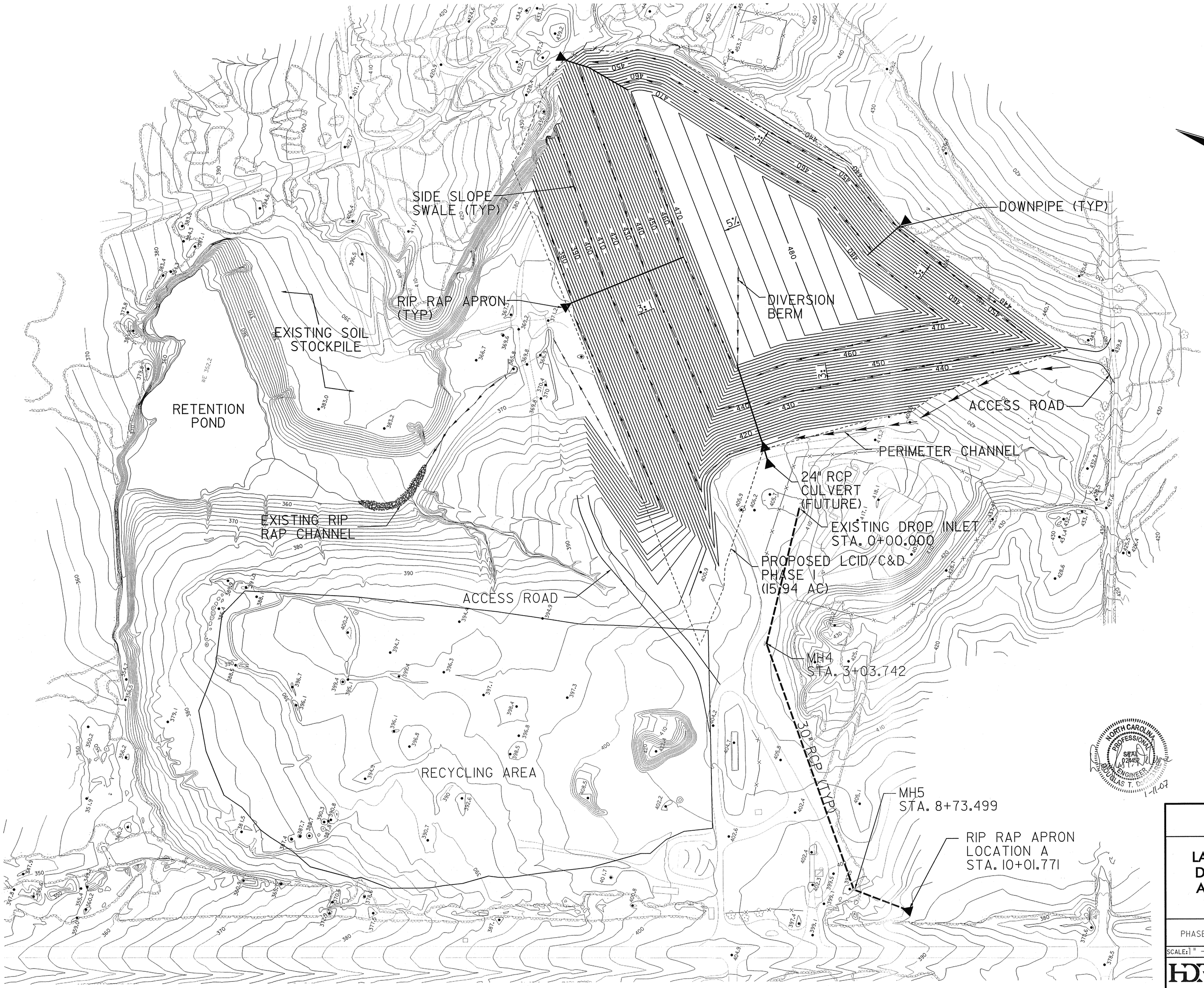
SPEC. NO. FW-00051-2

HDR Engineering, Inc. of the Carolinas
3733 National Drive
Suite 207
Raleigh, North Carolina 27612

DRAWING NUMBER 6361

SHEET 2 OF 3

$$$$SYSTIME$$$$
$$$$LEPNAME$$$$ $$$$DGN$$ $$$$$$$$$$$$$$$$



NOTES

1. EXISTING TOPOGRAPHY SUPPLIED BY THE ROSE GROUP FROM AN AERIAL PHOTOGRAPH DATED JULY 12, 2003.
2. COORDINATE SYSTEM IS NC STATE PLANE, NAD 83.
3. DIVERSION BERMS ARE PROPOSED TO CONTROL STORMWATER FLOW.
4. A PORTION OF THE PHASE I TOPOGORAPHY WAS PREPARED BY TMS CONTRACTING, LLC DATED OCTOBER 2006.
5. PHASE I LIMITS OF WASTE INCREASED 0.24 ACRES.

PHASE I CAPACITY

ASSUMPTIONS:
IN-PLACE DENSITY: 2,248 LB/CY
REFUSE INTAKE: 227,700 TPY

GROSS AREA: 15.0 AC.
GROSS VOLUME: 974,700 CY
FINAL COVER SYSTEM: 72,000 CY
NET OPERATING VOLUME: 902,700 CY
LIFESPAN: 4.6 YRS
REV. NOTE = AN ADDITIONAL 13,000 CY IN AIRSPACE WAS GAINED DUE TO REVISED CONSTRUCTED BASEGRADES.

NORTH CAROLINA PROFESSIONAL SEAL 024452 ENGINEER DOUGLAS T. DOBBS 1-11-07

PUBLIC WORKS BUSINESS CENTER
FORT BRAGG, NORTH CAROLINA

LAND CLEARING AND INERT DEBRIS AND CONSTRUCTION AND DEMOLITION LANDFILL

FORT BRAGG NORTH CAROLINA

PHASE I FINAL GRADE PLAN

DATE: 1/10/07

SCALE: 1" = 100' DRAWN BY: LEP

SPEC. NO. FW-00051-2

HDR Engineering, Inc. of the Carolinas
3733 National Drive
Suite 207
Raleigh, North Carolina 27612

DRAWING NUMBER 6361

SHEET 3 OF 3

5/14/99

$$$$$SYSTIME$$$$$
$$$$$DGN$$$$$
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