CIVIL LEGEND – GRADING AND DRAINAGE

- CATCH BASIN – INSTALL IAW A/C630. (CB)
- EXFILTRATION TRENCH CONTROL STRUCTURE – INSTALL IAW DETAIL A/C631. (CS)
- STORM DRAINAGE MANHOLE – INSTALL IAW C/C630. (D)
- ROOF DRAIN CLEANOUT – INSTALL IAW D/C630. (RCO)
- DOWNSPOUT – INSTALL IAW ARCHITECTURAL PLANS. (DS)
- STORM DRAINAGE PIPE (SEE PLAN FOR SIZE AND MATERIAL) – INSTALL IAW DETAIL B/C630.
- PERFORATED HDPE STORM DRAINAGE PIPE INSIDE GRAVEL EXFILTRATION TRENCH – INSTALL DETAILS A/C631. (SD)
- HDPE ROOF DRAINAGE PIPE (SEE PLAN FOR SIZE) – INSTALL IAW DETAIL D/C630. (RD)
- NEW FINISH GRADE SPOT ELEVATION (X 20.00)
- NEW FINISH CONTOUR (11)
- EXISTING CONTOUR (19)
- DRAINAGE FLOW ARROW
- SWALE CENTERLINE – INSTALL IAW DETAIL B/C631.
- SOIL TEST BORING LOCATION
- HAND AUGER LOCATION
- CONSTRUCTION LIMITS

- EXISTING WATER MAIN W/ VALVE (W)
- EXISTING SANITARY SEWER MAIN (S)
- EXISTING SANITARY SEWER SERVICE (SS)
- EXISTING WATER SERVICE (WS)
- EXISTING STORM DRAIN
- EXISTING ROOF DRAIN (RD)
- EXISTING FENCE (X)
- EXISTING POWER LINE (OVERHEAD) (P)
- EXISTING POWER LINE (UNDERGROUND) (UP)
- EXISTING TELEPHONE LINE (OVERHEAD) (T)
- EXISTING TELEPHONE LINE (UNDERGROUND) (UT)
- EXISTING GAS LINE (G)
- EXISTING STEAM LINE (ST)
- EXISTING FIBER OPTIC LINE (FO)
- EXISTING POWER POLE (PP)
- EXISTING SANITARY MANHOLE (MH)
- EXISTING CATCH BASIN (CB)
- EXISTING FIRE HYDRANT
- EXISTING CONTOUR (24)
- EXISTING TREE
- EXISTING TREE TO BE DEMOLISHED
- EXISTING CATV JUNCTION BOX (C)
- EXISTING IRRIGATION CONTROL VALVE (ICV)

KEYNOTES:

1. CONNECT NEW ROOF DRAIN TO EXISTING ROOF DRAIN. VERIFY PIPE SIZE AND INVERT ELEVATION PRIOR TO INSTALLATION.
2. REPLACE EXISTING DRAINAGE STRUCTURE WITH NEW CATCH BASIN IAW DETAIL A/C630.
3. INSTALL 64 LF OF 36"ø STEEL CASING IAW DETAIL C/C631.
4. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING TO PROTECT THE EXISTING BUILDING FOUNDATION.
5. FILL DEMOLISHED ASPHALT REMOVAL WITH TOPSOIL TO EXISTING GRADE (TOP OF EXISTING PAVEMENT).
6. CONNECT NEW STORM DRAINAGE INTO EXISTING STRUCTURE. FILL ANNULAR SPACE WITH NON SHRINK GROUT.

BORING NOTES:

1. SEE PLATES C–310 FOR LOGS OF BORINGS.
2. BORING B–12 NOT DRILLED.

SEDIMENT AND EROSION CONTROL SHALL BE STRICTLY ENFORCED

BALL FIELD

BLEACHER

DUGOUT

BLEACHER

DUGOUT

BALL FIELD

EXISTING GRAVEL

EXISTING GRAVEL

INACTIVE OR ABANDONED WATER MAIN. CONTRACTOR SHALL VERIFY WITH DPW PRIOR TO BEGINNING ANY WORK

SHED

LIMITS OF DISTURBANCE

EXISTING RAMP

EXISTING MODULAR CLASSROOM

EXISTING RAMP

EXISTING MODULAR CLASSROOM

LT BIKES

CB A9
TOP = 330.30
IE OUT 326.45

331.01

330.71

MATCHLINE
SEE SHEET C300

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

STATE PLANE

NORTH CAROLINA PROFESSIONAL SEAL 027779 ENGINEER LAWRENCE K. BARTHELEMY, IV

US ARMY CORPS OF ENGINEERS SAVANNAH

BY	DATE	DESCRIPTION	SYMBOL

DATE: 25 JAN 2010
SOLICITATION NO: W912HN-09-R-0018
CONTRACT NO:
CATEGORY CODE: 730-46-01
PLOT DATE:
DESIGNED BY: JDG
DWN BY: JDG
CKD BY: LKB
SUBMITTED BY: LKB
FILE NAME:
SIZE: 24x22
PLOT SCALE:

U. S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SAVANNAH DISTRICT

LS3P ASSOCIATES LTD. 205 ½ KING STREET CHARLESTON, SC. 29401

ALBRITTON JUNIOR HIGH SCHOOL ADDITION
FT BRAGG NORTH CAROLINA

GRADING & STORM DRAINAGE PLAN

PLATE REFERENCE NUMBER C-301
SHEET 13