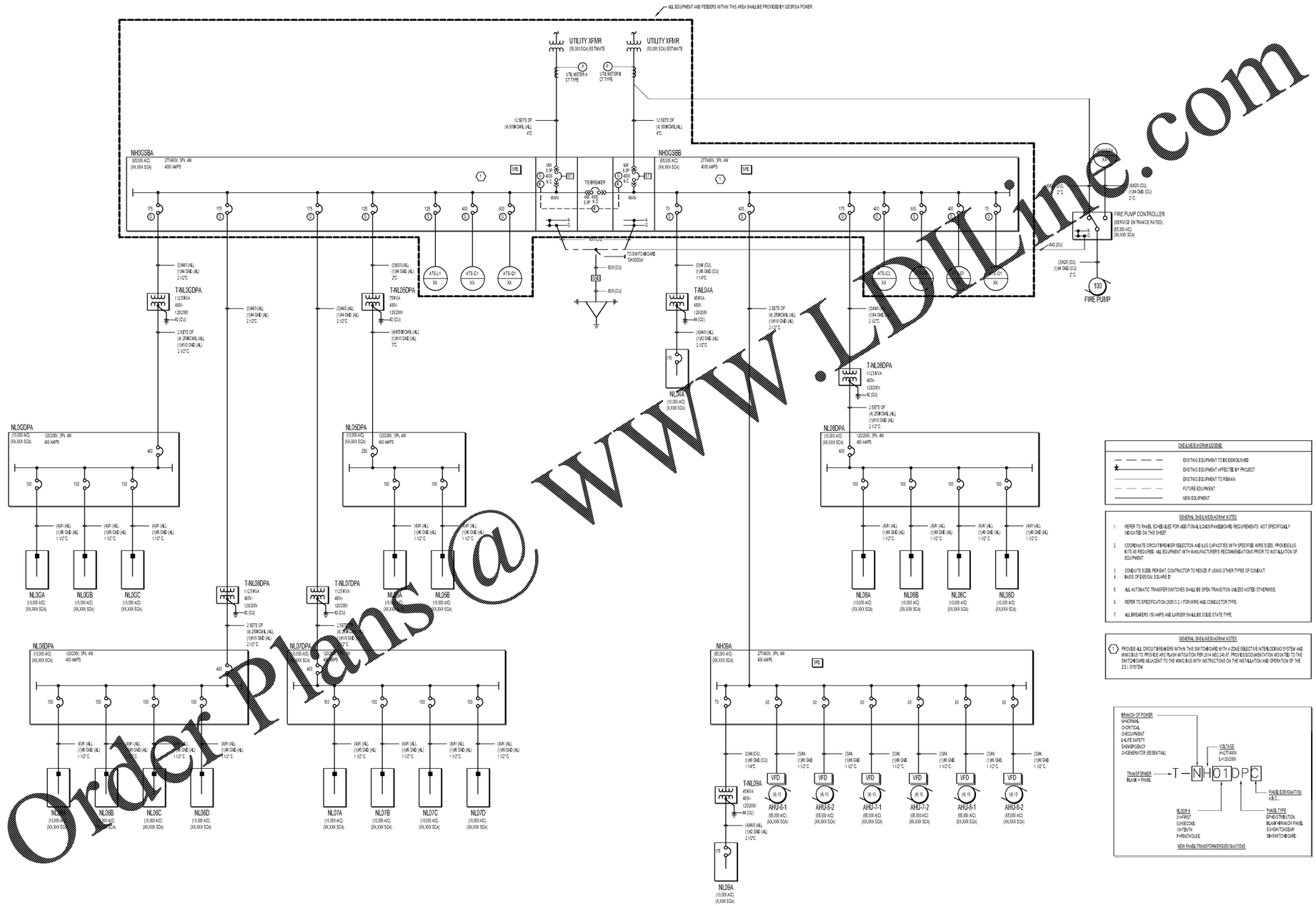

Order Plans @ www.LDLine.com

ONE LINE DIAGRAM LEGEND

- EXISTING EQUIPMENT TO BE ESTABLISHED
- EXISTING EQUIPMENT AFFECTED BY PROJECT
- EXISTING EQUIPMENT TO REMAIN
- FUTURE EQUIPMENT
- NEW EQUIPMENT

GENERAL ONELINE DIAGRAM NOTES

1. REFER TO PANEL SCHEDULES FOR ADDITIONAL LOADS/PANELBOARD REQUIREMENTS NOT SPECIFICALLY INDICATED ON THIS SHEET.
2. COORDINATE CIRCUIT BREAKER SELECTION AND LUG CAPACITIES WITH SPECIFIED WIRE SIZES. PROVIDE LUG KITS AS REQUIRED. ALL EQUIPMENT WITH MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLATION OF EQUIPMENT.
3. CONDUITS SIZED PER EMT. CONTRACTOR TO RESIZE IF USING OTHER TYPES OF CONDUIT.
4. BASIS OF DESIGN: SQUARE D
5. ALL AUTOMATIC TRANSFER SWITCHES SHALL BE OPEN TRANSITION UNLESS NOTED OTHERWISE.
6. REFER TO SPECIFICATION 26 05 13 2 1 FOR WIRE AND CONDUCTOR TYPE.
7. ALL BREAKERS 150 AMPS AND LARGER SHALL BE SOLID STATE TYPE.

GENERAL ONELINE DIAGRAM NOTES

1. PROVIDE ALL CIRCUIT BREAKERS WITHIN THIS SWITCHBOARD WITH A ZONE SELECTIVE INTERLOCKING SYSTEM AND MIMIC BUS TO PROVIDE ARC FLASH MITIGATION PER 2014 NEC 240.87. PROVIDE DOCUMENTATION MOUNTED TO THE SWITCHBOARD ADJACENT TO THE MIMIC BUS WITH INSTRUCTIONS ON THE INSTALLATION AND OPERATION OF THE ZSI SYSTEM.

BRANCH OF POWER:
NNORMAL
OOPTIONAL
EEQUIPMENT
SSAFETY
EEMERGENCY
GGENERATOR (ESSENTIAL)

T – NH 01 DPC

VOLTAGE
H=277/480V
L=120/208V

PANEL DESIGNATION
A,B,C...

PANEL TYPE
DP=DISTRIBUTION
BP=BRANCH PANEL
SG=SWITCHGEAR
SB=SWITCHBOARD

TRANSFORMER
BLANK = PANEL

BLDG #
01=FIRST
02=SECOND
03=TENTH
PH=PENTHOUSE

NEW PANEL/TRANSFORMER DESIGNATIONS

Grady

Project
THE CENTER FOR ADVANCED SURGICAL SERVICES (CASS)
88 JESSE HILL DRIVE
ATLANTA, GA 30303

Prepared For
GRADY HEALTH SYSTEM
80 JESSE HILL DR. SE
ATLANTA, GA 30303

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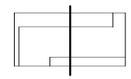
ORLANDO, LAKELAND, CHARLOTTE

Key Plan



Professional Seals
Emory Neal Boothe, P.E.
Georgia License #PE039905

NOT FOR CONSTRUCTION

No.	Description	Date
1	DD - GMP	2019-07-03

Project No: 18.16013.00

Sheet Title
GEORGIA POWER ONE-LINE RISER DIAGRAM

Original is 30 x 42. Do not scale contents of this drawing.

Sheet Number
E004

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