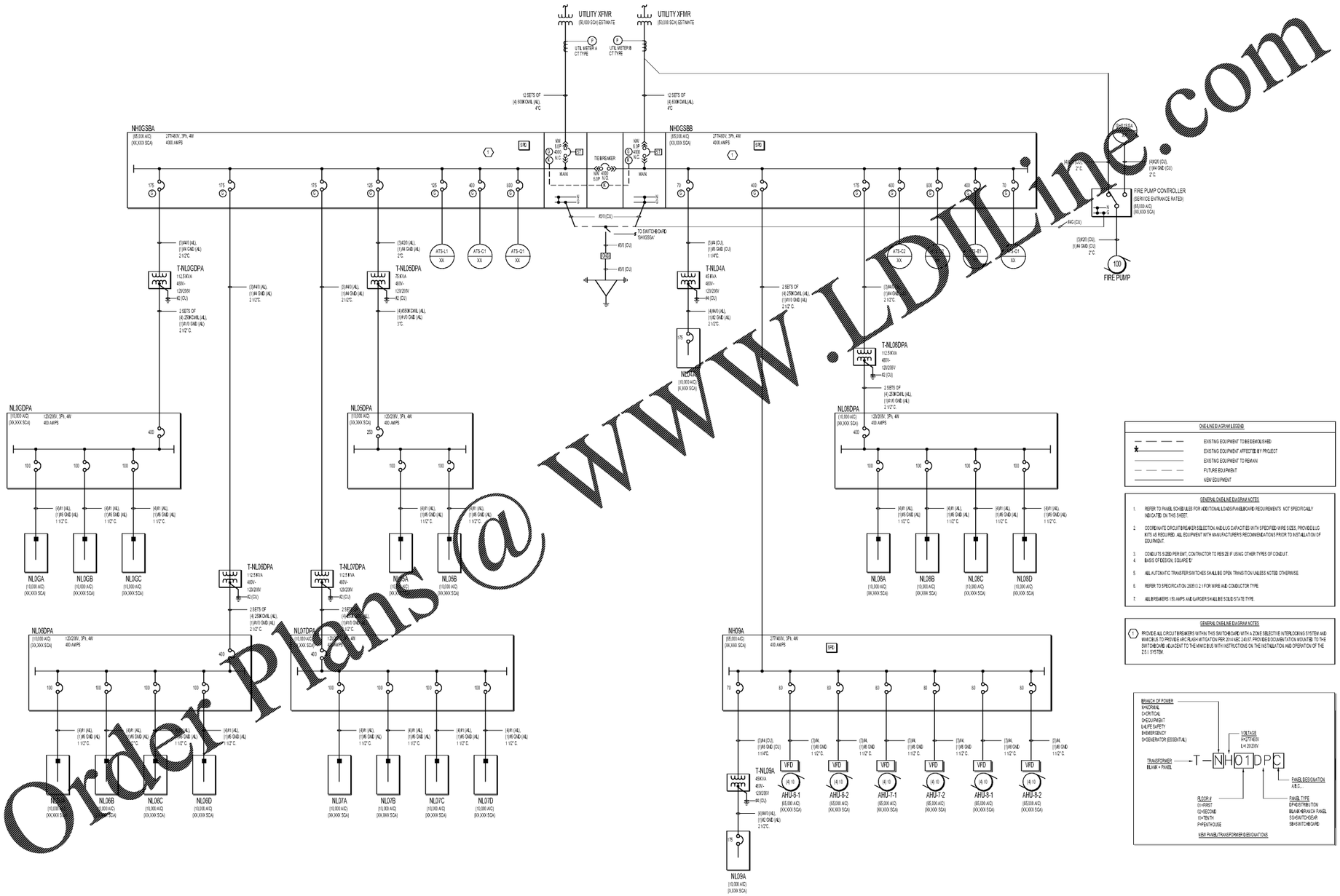

Order Plans @ www.LDInline.com

C:\Revit Local\GRADY\CASS-TLC-ELEC_JOE.HILDEBRANDKGLEY.rvt
6/27/2019 4:44:36 PM

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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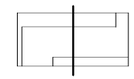
Key Plan



CHE/LINE DIAGRAM LEGEND

— — — —	EXISTING EQUIPMENT TO BE DEMOLISHED
★	EXISTING EQUIPMENT AFFECTED BY PROJECT
———	EXISTING EQUIPMENT TO REMAIN
— — — —	FUTURE EQUIPMENT
———	NEW EQUIPMENT

GENERAL ONE-LINE 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 MANUFACTURERS 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 0 2.1 FOR WIRE AND CONDUCTOR TYPE.
7. ALL BREAKERS ≥ 50 AMPS AND LARGER SHALL BE SOLID-STATE TYPE.

GENERAL ONE-LINE 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
M=NORMAL
C=CRITICAL
E=EQUIPMENT
S=LIFE SAFETY
E=EMERGENCY
G=GENERATOR (ESSENTIAL)

TRANSFORMER
B=MAIN + PANEL

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

FLOOR #
01=FIRST
02=SECOND
04=ROOF
P=PENTHOUSE

PANEL DESIGNATION
A,B,C...

PANEL TYPE
DP=DISTRIBUTION
B=MAIN+BRANCH PANEL
SG=SWITCHGEAR
SB=SWITCHBOARD

NEW PANEL/TRANSFORMER DESIGNATIONS

Professional Seals
Emory Neal Boothe, P.E.
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NOT FOR CONSTRUCTION

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

Project No: 18.16013.00

Sheet Title
ONE-LINE POWER RISER DIAGRAM - ELECTRICAL

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

Sheet Number
E002