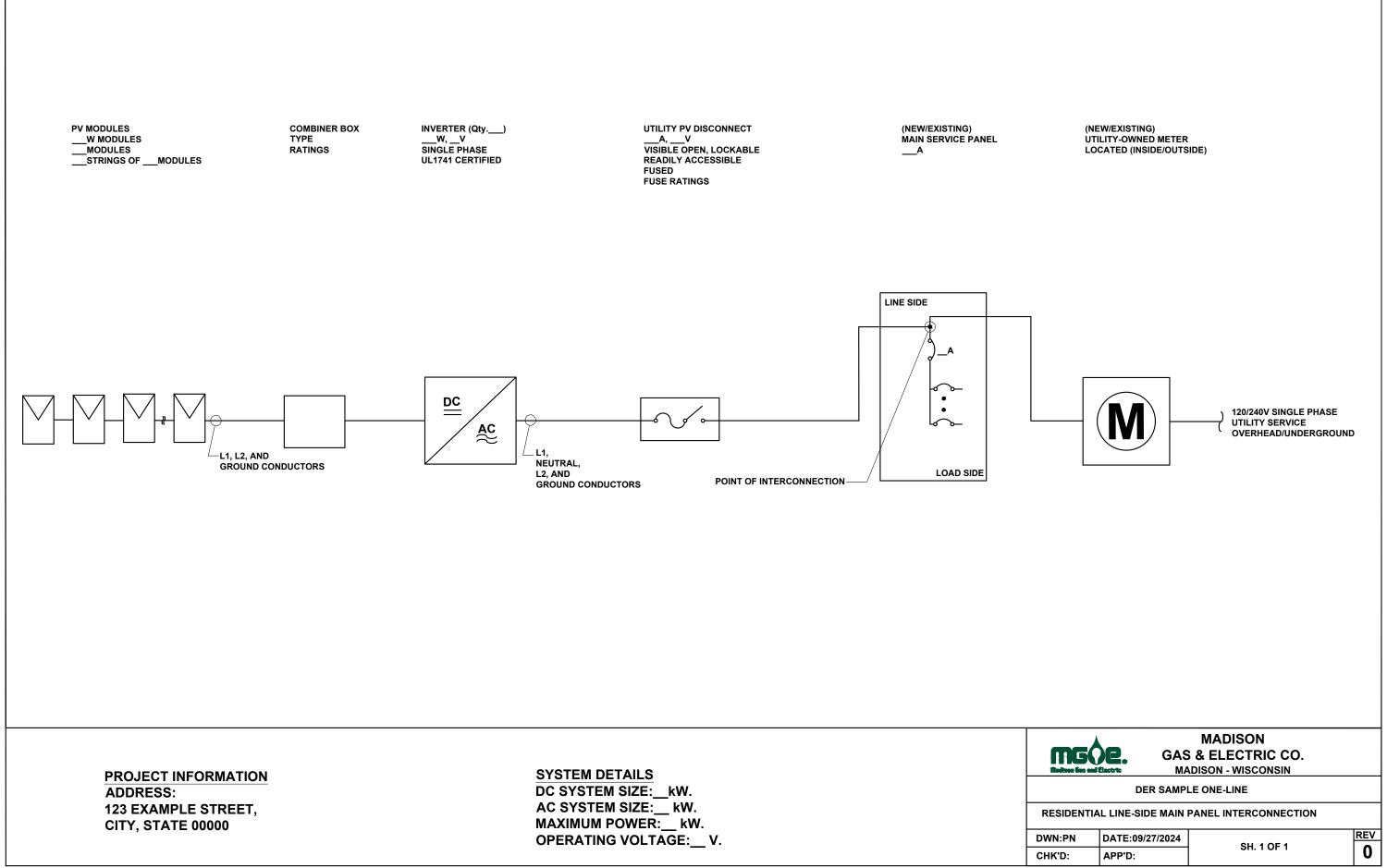
Residential One Lines

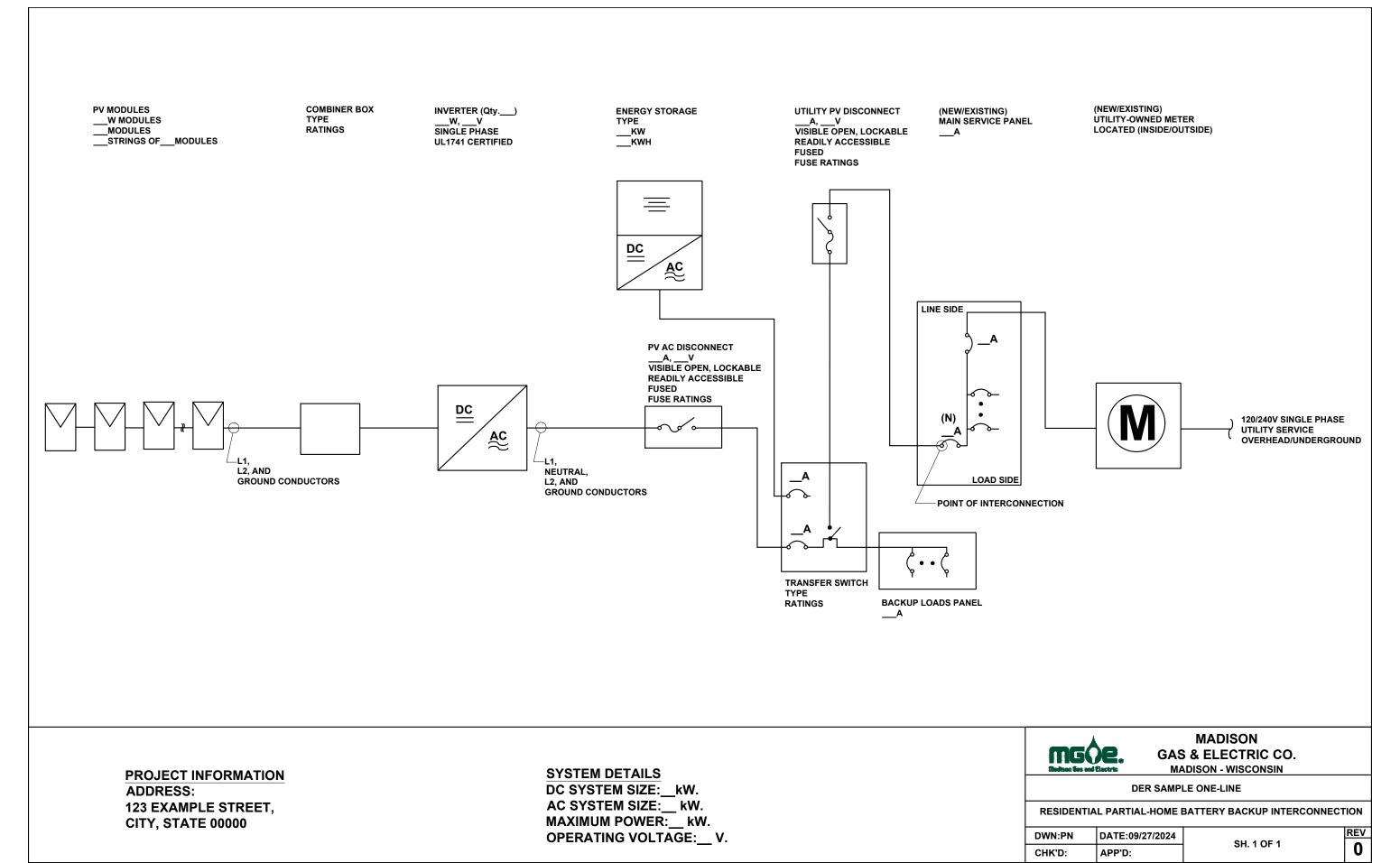
PV MODULES ___W MODULES INVERTER (Qty.___) ___W, __V SINGLE PHASE (NEW/EXISTING)
MAIN SERVICE PANEL (NEW/EXISTING)
UTILITY-OWNED METER
LOCATED (INSIDE/OUTSIDE) **COMBINER BOX UTILITY PV DISCONNECT** TYPE __A, __V VISIBLE OPEN, LOCKABLE READILY ACCESSIBLE __MODULES RATINGS ___MODULES **UL1741 CERTIFIED** LINE SIDE 120/240V SINGLE PHASE UTILITY SERVICE OVERHEAD/UNDERGROUND _L1, NEUTRAL, **LOAD SIDE** L2, AND GROUND CONDUCTORS POINT OF INTERCONNECTION GROUND CONDUCTORS **MADISON GAS & ELECTRIC CO. MADISON - WISCONSIN** SYSTEM DETAILS **PROJECT INFORMATION** DC SYSTEM SIZE: kW. **DER SAMPLE ONE-LINE ADDRESS**: 123 EXAMPLE STREET, AC SYSTEM SIZE: kW. RESIDENTIAL LOAD-SIDE MAIN PANEL INTERCONNECTION CITY, STATE 00000 MAXIMUM POWER:__ kW. REV DWN:PN DATE:09/27/2024 **OPERATING VOLTAGE:__ V.** SH. 1 OF 1 0 APP'D:



PV MODULES
___W MODULES
___MODULES
___STRINGS OF ___MODULES INVERTER (Qty.___) (NEW/EXISTING) UTILITY-OWNED METER **COMBINER BOX UTILITY PV DISCONNECT** (NEW/EXISTING) TYPE RATINGS __W, __V SINGLE PHASE __A, __V VISIBLE OPEN, LOCKABLE MAIN SERVICE PANEL LOCATED (INSIDE/OUTSIDE) READILY ACCESSIBLE **UL1741 CERTIFIED** FUSED FUSE RATINGS DC 120/240V SINGLE PHASE **UTILITY SERVICE** OVERHEAD/UNDERGROUND POINT OF INTERCONNECTION-_ L1, NEUTRAL, L2, AND GROUND CONDUCTORS GROUND CONDUCTORS NOTE: ONLY MANUFACTURE-APPROVED METER LUGS ARE ALLOWED. NO SPLICING OR TAPPING IS ALLOWED AT THE POINT OF INTERCONNECTION

____LUG KIT TO BE USED **MADISON GAS & ELECTRIC CO. MADISON - WISCONSIN SYSTEM DETAILS PROJECT INFORMATION** DC SYSTEM SIZE: kW. **DER SAMPLE ONE-LINE ADDRESS**: AC SYSTEM SIZE: kW. 123 EXAMPLE STREET, RESIDENTIAL METER SOCKET INTERCONNECTION CITY, STATE 00000 MAXIMUM POWER:__ kW. REV DWN:PN DATE:09/27/2024 **OPERATING VOLTAGE:__ V.** SH. 1 OF 1 0 APP'D:

PV MODULES
___W MODULES
___MODULES
___STRINGS OF ___MODULES COMBINER BOX INVERTER (Qty.___) UTILITY PV DISCONNECT (NEW/EXISTING) (NEW/EXISTING) UTILITY-OWNED METER __W, __V SINGLE PHASE __A, __V VISIBLE OPEN, LOCKABLE MAIN SERVICE PANEL LOCATED (INSIDE/OUTSIDE) **RATINGS UL1741 CERTIFIED** READILY ACCESSIBLE 120/240V SINGLE PHASE **UTILITY SERVICE OVERHEAD/UNDERGROUND** DC POINT OF INTERCONNECTION-L1,L2, AND NÉUTRAL, GROUND CONDUCTORS GROUND CONDUCTORS **MADISON GAS & ELECTRIC CO. MADISON - WISCONSIN SYSTEM DETAILS PROJECT INFORMATION** DC SYSTEM SIZE:__kW. **DER SAMPLE ONE-LINE** ADDRESS: 123 EXAMPLE STREET, AC SYSTEM SIZE: kW. RESIDENTIAL BREAKER-METER ENCLOSURE INTERCONNECTION CITY, STATE 00000 MAXIMUM POWER:__ kW. REV DWN:PN DATE:09/27/2024 **OPERATING VOLTAGE:__ V.** SH. 1 OF 1 0 CHK'D: APP'D:



PV MODULES
___W MODULES (NEW/EXISTING)
UTILITY-OWNED METER
LOCATED (INSIDE/OUTSIDE) INVERTER (Qty.___) **COMBINER BOX** UTILITY PV DISCONNECT (NEW/EXISTING) (NEW/EXISTING) TYPE RATINGS __A, __V
VISIBLE OPEN, LOCKABLE
READILY ACCESSIBLE SUBPANEL MAIN SERVICE PANEL _w, __v ` MODULES SINGLE PHASE ___MODULES **UL1741 CERTIFIED** LINE SIDE 120/240V SINGLE PHASE UTILITY SERVICE OVERHEAD/UNDERGROUND _ L1, NEUTRAL, L2, AND **LOAD SIDE** GROUND CONDUCTORS L2, AND **GROUND CONDUCTORS** -POINT OF INTERCONNECTION **MADISON GAS & ELECTRIC CO. MADISON - WISCONSIN SYSTEM DETAILS PROJECT INFORMATION** DC SYSTEM SIZE: kW. DER SAMPLE ONE-LINE **ADDRESS:** 123 EXAMPLE STREET, AC SYSTEM SIZE: kW. RESIDENTIAL LOAD-SIDE SUB-PANEL INTERCONNECTION CITY, STATE 00000 MAXIMUM POWER:__ kW. REV DWN:PN DATE:09/27/2024 **OPERATING VOLTAGE:__ V.** SH. 1 OF 1 0 APP'D:

PV MODULES
___W MODULES
___MODULES PV AC DISCONNECT (NEW/EXISTING)
__A, __V UTILITY-OWNED METER
VISIBLE OPEN, LOCKABLE LOCATED (INSIDE/OUTSIDE) **ENERGY STORAGE** INVERTER (Qty.___) **COMBINER BOX** (NEW/EXISTING) ___W, ___V SINGLE PHASE MAIN SERVICE PANEL **RATINGS RATING** ___STRINGS OF___MODULES **UL1741 CERTIFIED** READILY ACCESSIBLE **FUSED FUSE RATINGS** LINE SIDE DC 120/240V SINGLE PHASE UTILITY SERVICE
OVERHEAD/UNDERGROUND CHARGE CONTROLLER LOAD SIDE TYPE GROUND CONDUCTORS

RATINGS

PROJECT INFORMATION ADDRESS: 123 EXAMPLE STREET, CITY, STATE 00000

SYSTEM DETAILS DC SYSTEM SIZE: kW. AC SYSTEM SIZE: kW. MAXIMUM POWER:__ kW. **OPERATING VOLTAGE:__ V.**



MADISON GAS & ELECTRIC CO.

MADISON - WISCONSIN

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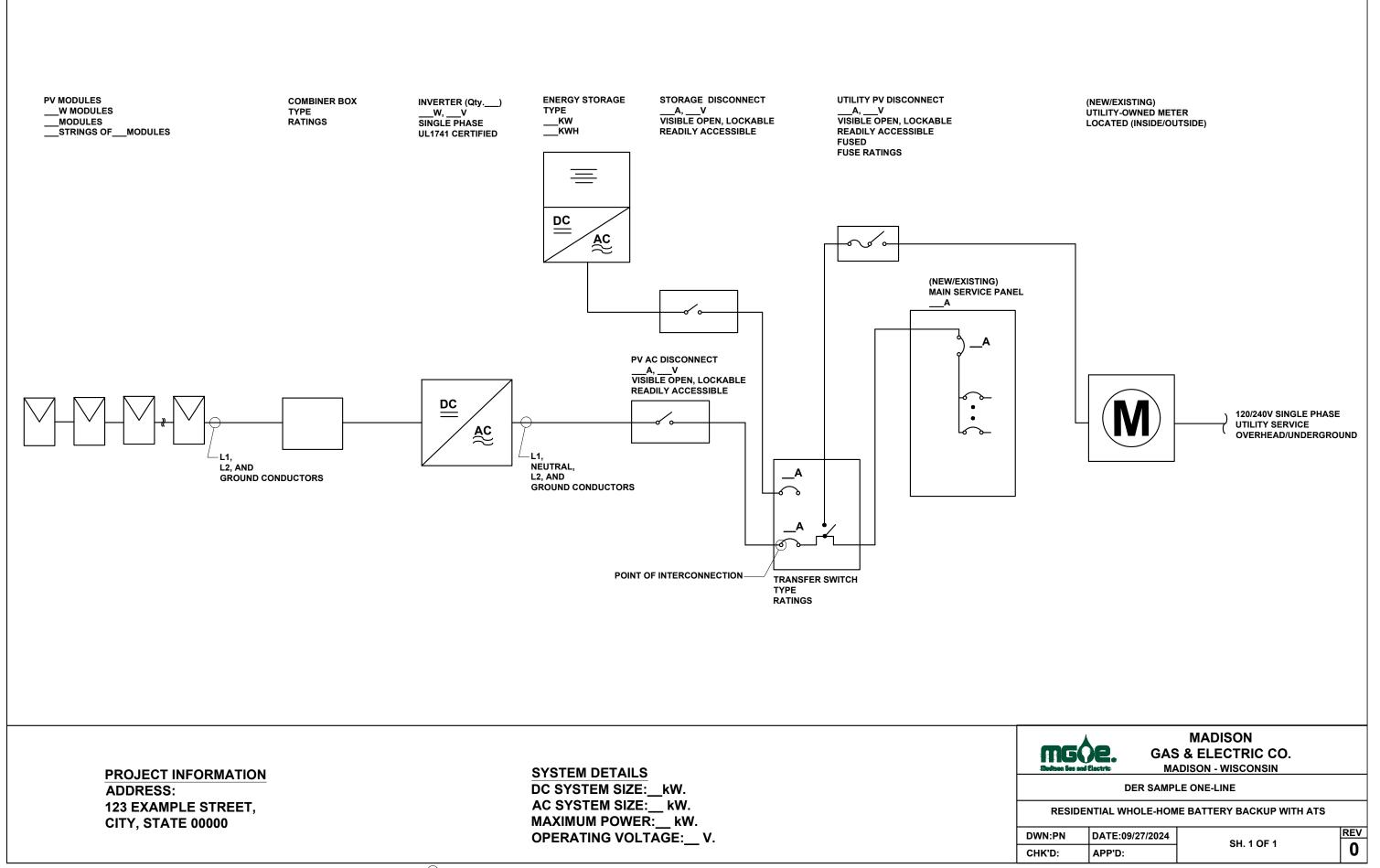
DER SAMPLE ONE-LINE

RESIDENTIAL WHOLE-HOME BACKUP

DWN:PN DATE:09/27/2024 APP'D: SH. 1 OF 1

POINT OF

INTERCONNECTION



COMBINER BOX INVERTER (Qty.___) (NEW/EXISTING)
UTILITY-OWNED METER
LOCATED (INSIDE/OUTSIDE) UTILITY PV DISCONNECT PV MODULES (NEW/EXISTING) **AUTOMATIC** ___W MODULES ___MODULES __W __V SINGLE PHASE MAIN SERVICE PANEL TRANSFER TYPE __A, __V VISIBLE OPEN, LOCKABLE **RATINGS** SWITCH ___STRINGS OF___MODULES **UL1741 CERTIFIED** READILY ACCESSIBLE **RATINGS** LINE SIDE DC 120/240V SINGLE PHASE UTILITY SERVICE OVERHEAD/UNDERGROUNI **AC** NEUTRAL, L2, AND LOAD SIDE GROUND CONDUCTORS POINT OF INTERCONNECTION **GROUND CONDUCTORS GAS GENERATOR** ___kW or kVA ___V **MADISON GAS & ELECTRIC CO. MADISON - WISCONSIN SYSTEM DETAILS PROJECT INFORMATION** DC SYSTEM SIZE: kW. **DER SAMPLE ONE-LINE ADDRESS:** AC SYSTEM SIZE: kW. 123 EXAMPLE STREET, RESIDENTIAL INTERCONNECTION WITH GAS GENERATOR CITY, STATE 00000 MAXIMUM POWER:__ kW. REV DWN:PN DATE:09/27/2024 **OPERATING VOLTAGE:__ V.** SH. 1 OF 1 0 APP'D:

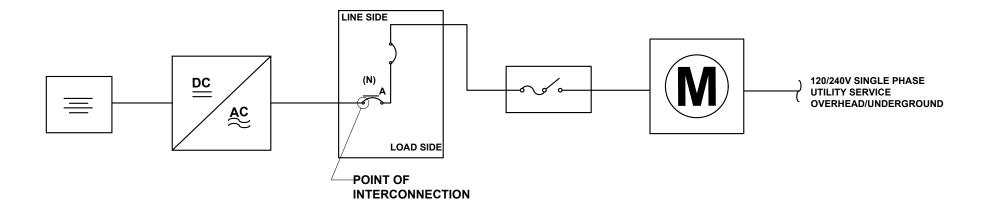
ENERGY STORAGE TYPE **RATING**

INVERTER (Qty.___) __W, __V
SINGLE PHASE UL1741 CERTIFIED

(NEW/EXISTING)
MAIN SERVICE PANEL

PV AC DISCONNECT __A, __V VISIBLE OPEN, LOCKABLE READILY ACCESSIBLE FUSED FUSE RATINGS

(NEW/EXISTING) UTILITY-OWNED METER LOCATED (INSIDE/OUTSIDE)



PROJECT INFORMATION ADDRESS: 123 EXAMPLE STREET, CITY, STATE 00000

SYSTEM DETAILS DC SYSTEM SIZE: kW. AC SYSTEM SIZE: kW. MAXIMUM POWER:__ kW. **OPERATING VOLTAGE:__ V.**



MADISON GAS & ELECTRIC CO.

MADISON - WISCONSIN

DER SAMPLE ONE-LINE

RESIDENTIAL WHOLE-HOME BACKUP STORAGE ONLY INTERCONNECTION

DWN:PN DATE:09/27/2024 APP'D:

SH. 1 OF 1

REV

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(NEW/EXISTING) UTILITY-OWNED METER **ENERGY STORAGE** UTILITY PV DISCONNECT (NEW/EXISTING) __A, __V
VISIBLE OPEN, LOCKABLE
READILY ACCESSIBLE TYPE MAIN SERVICE PANEL __KW LOCATED (INSIDE/OUTSIDE) **FUSED FUSE RATINGS** LINE SIDE 120/240V SINGLE PHASE UTILITY SERVICE
OVERHEAD/UNDERGROUND LOAD SIDE POINT OF INTERCONNECTION TRANSFER SWITCH RATINGS **BACKUP LOADS PANEL**

PROJECT INFORMATION ADDRESS: 123 EXAMPLE STREET, CITY, STATE 00000 SYSTEM DETAILS
DC SYSTEM SIZE:__kW.
AC SYSTEM SIZE:__ kW.
MAXIMUM POWER:__ kW.
OPERATING VOLTAGE:__ V.



MADISON GAS & ELECTRIC CO.

MADISON - WISCONSIN

DER SAMPLE ONE-LINE

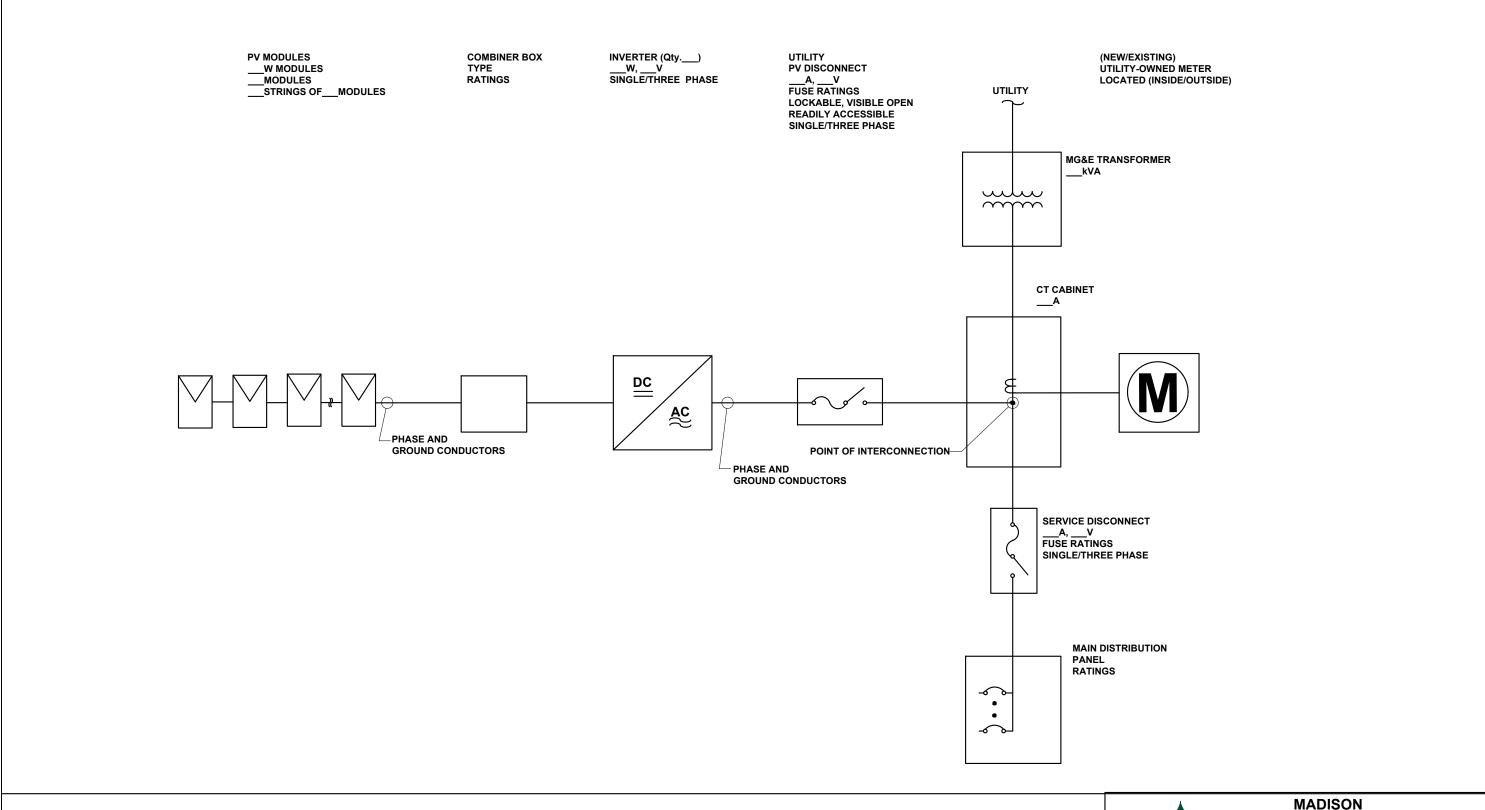
STORAGE ONLY CRITICAL LOADS BACKUP INTERCONNECTION

DWN:PN DATE:09/27/2024
CHK'D: APP'D: SH. 1 OF 1

REV

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Commercial One Line



PROJECT INFORMATION
ADDRESS:
123 EXAMPLE STREET,
CITY, STATE 00000

SYSTEM DETAILS
DC SYSTEM SIZE:__kW.
AC SYSTEM SIZE:__kW.
MAXIMUM POWER:__kW.
OPERATING VOLTAGE:__ V.



MADISON
GAS & ELECTRIC CO.
MADISON - WISCONSIN

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OLE ONE LINE

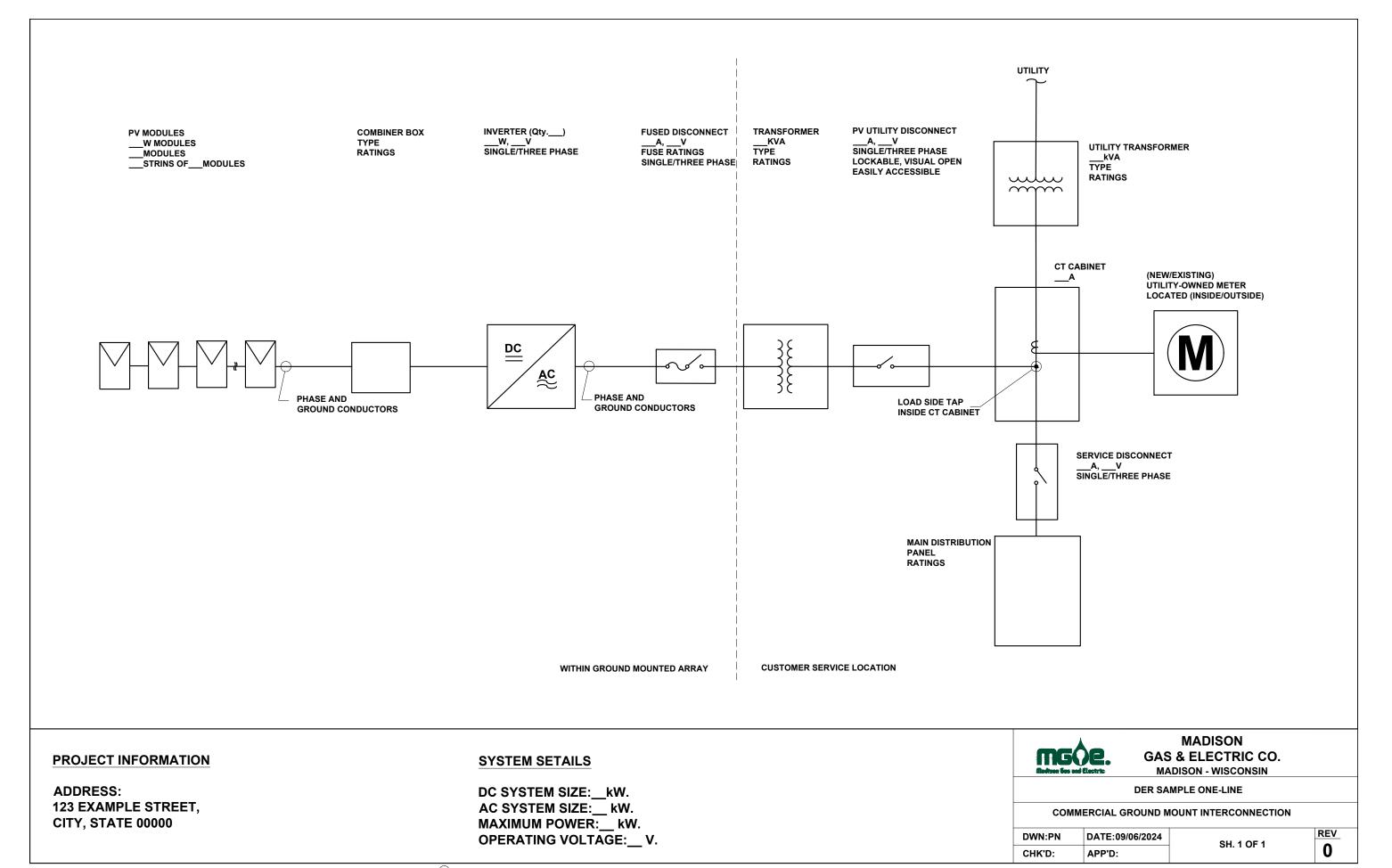
DER SAMPLE ONE-LINE

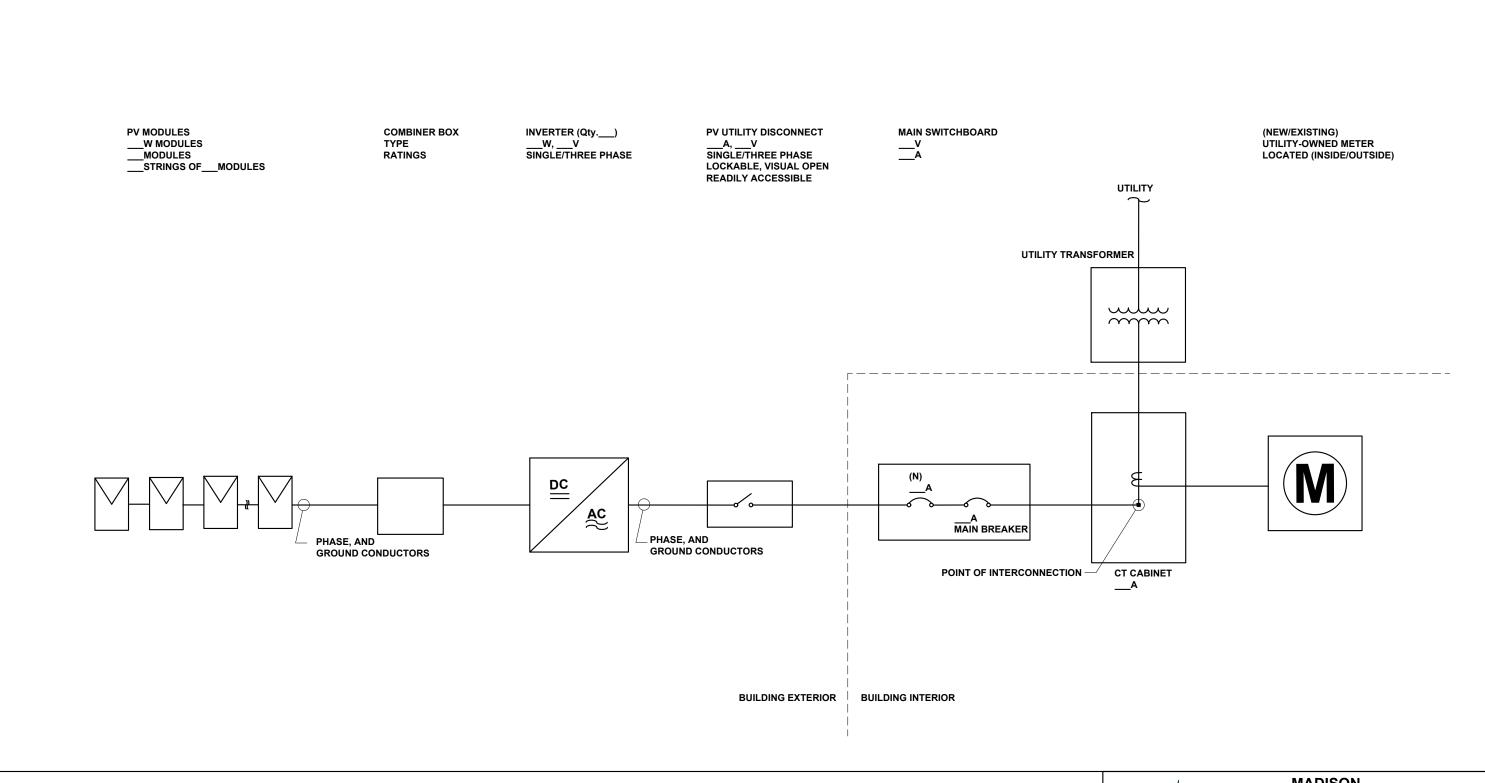
COMMERCIAL ROOFTOP LOAD-SIDE OF CT CABINET

 DWN:PN
 DATE:09/27/2024

 CHK'D:
 APP'D:

SH. 1 OF 1





PROJECT INFORMATION ADDRESS: 123 EXAMPLE STREET, CITY, STATE 00000

SYSTEM DETAILS DC SYSTEM SIZE: kW. AC SYSTEM SIZE: kW. MAXIMUM POWER:__ kW. **OPERATING VOLTAGE:__ V.**

MADISON GAS & ELECTRIC CO.

MADISON - WISCONSIN

DER SAMPLE ONE-LINE

COMMERCIAL ROOFTOP LOAD-SIDE OF SWITCHGEAR INTERCONNECTION

DATE:09/27/2024 DWN:PN

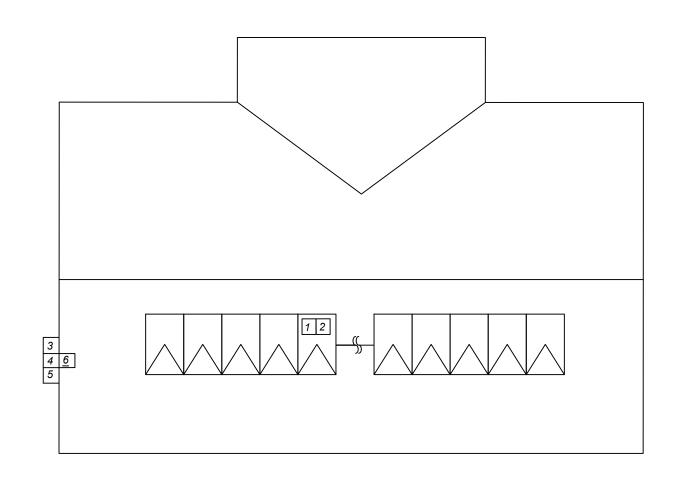
APP'D:

SH. 1 OF 1

REV

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Residential Site Plans



LEGENDS

- 1: Solar Panels
- 2: Microinverter(s)
- 3: MGE Utility Meter
- 4: MGE PV Disconnect*
 - 5: Combiner Box
- 6: Main Service panel

*The PV Disconnect will be within 10' of the utility meter



PROJECT INFORMATION
ADDRESS:
123 EXAMPLE STREET,
CITY, STATE 00000

SYSTEM DETAILS
DC SYSTEM SIZE:__kW.
AC SYSTEM SIZE:__ kW.
MAXIMUM POWER:__ kW.
OPERATING VOLTAGE:__ V.

MADISON
GAS & ELECTRIC CO.
MADISON - WISCONSIN

DER SAMPLE ONE-LINE

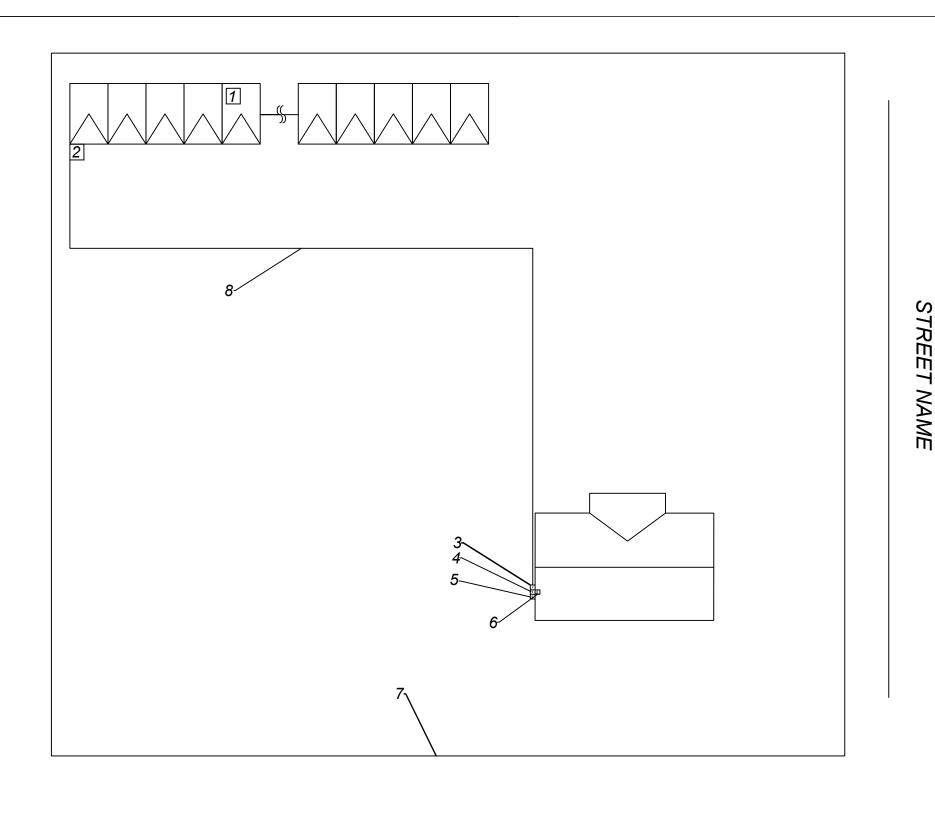
RESIDENTIAL SITE PLANS

DWN: PN DATE: 10/15/2024
CHK'D: APP'D:

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STREET NAME



LEGENDS

- 1: Solar Panels
- 2: Microinverter(s)
- 3: MGE PV Disconnect*
- 4: MGE Utility Meter
- 5: Combiner Box
- 6: Main Service panel
- 7: Property Line
- 8: Trench (Length and depth)

*The PV Disconnect will be within 10' of the utility meter



PROJECT INFORMATION
ADDRESS:
123 EXAMPLE STREET,
CITY, STATE 00000

SYSTEM DETAILS
DC SYSTEM SIZE:__kW.
AC SYSTEM SIZE:__ kW.
MAXIMUM POWER:__ kW.
OPERATING VOLTAGE:__ V.



MADISON
GAS & ELECTRIC CO.
MADISON - WISCONSIN

DER SAMPLE ONE-LINE

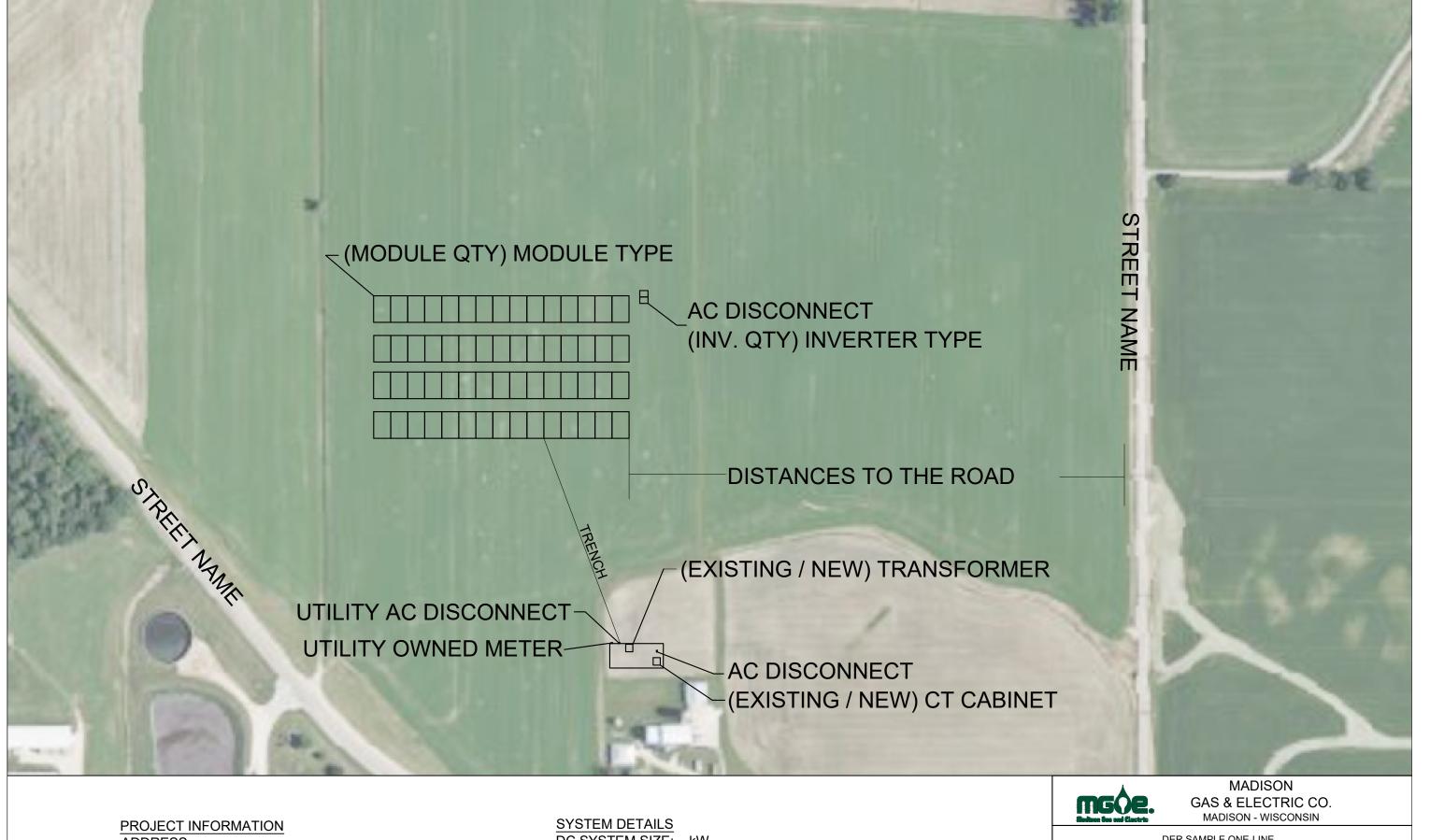
RESIDENTIAL GROUND MOUNT SITE PLANS

DWN: PN DATE: 10/15/2024
CHK'D: APP'D:

SH. 1 OF 1

0

Commercial Site Plans



ADDRESS: 123 EXAMPLE STREET, CITY, STATE 00000

DC SYSTEM SIZE: kW. AC SYSTEM SIZE: kW. MAXIMUM POWER:__ kW. OPERATING VOLTAGE: V.

DER SAMPLE ONE-LINE

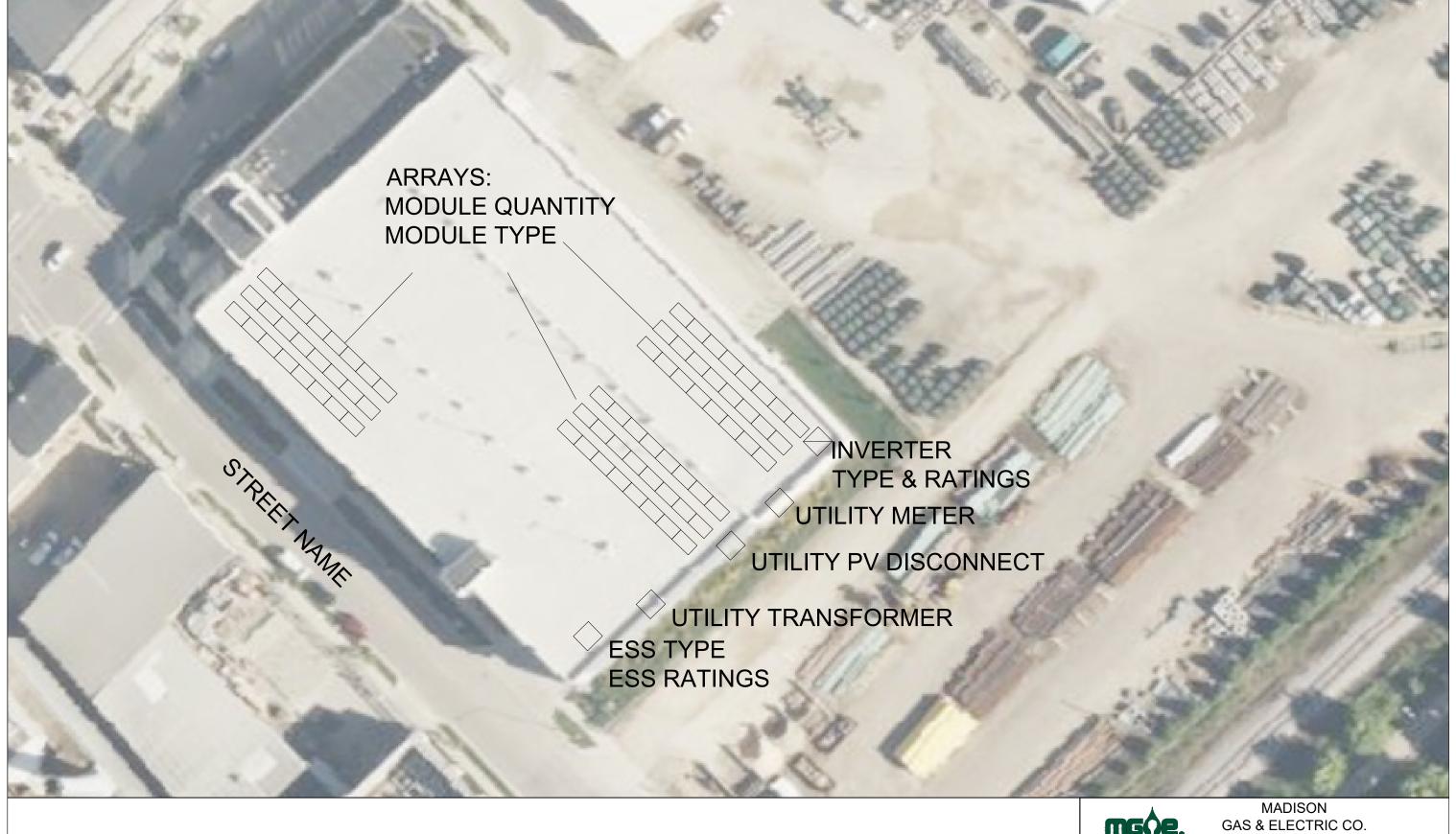
GROUND MOUNT SITE PLANS - COMMERCIAL

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DATE: 10/15/2024 SH. 1 OF 1

APP'D:

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PROJECT INFORMATION ADDRESS: 123 EXAMPLE STREET, CITY, STATE 00000

SYSTEM DETAILS DC SYSTEM SIZE:__kW. AC SYSTEM SIZE: kW. MAXIMUM POWER:__ kW. OPERATING VOLTAGE:__ V.



MADISON - WISCONSIN

DER SAMPLE ONE-LINE

ROOF MOUNT SITE PLANS - COMMERCIAL

DATE: 10/15/2024

APP'D:

SH. 1 OF 1

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