AIA® Document G716™ – 2004

Request for Information ("RFI")

TO:
Brian T. Dunn, AIA
KG+D Architects, PC
285 Main Street
Mount Kisco, NY 10549

FROM: Piazza Inc.
3 W. Stevens Ave
HAwthorne, NY 10532

PROJECT:
Harrison, Town-Village Recreation Center Phase 2
270 Harrison Avenue
Harrison, NY 10528

ISSUE DATE: 04/04/2025 **RFI No.** RFI 060 - ConEd Services

REQUESTED REPLY DATE: ASAP

PROJECT NUMBERS: 2020-1005 /

COPIES TO:

RFI DESCRIPTION: Please see attached.

REFERENCES/ATTACHMENTS: *(List specific documents researched when seeking the information requested.)*
SPECIFICATIONS: **DRAWINGS:** **OTHER:**

SENDER'S RECOMMENDATION: *(If RFI concerns a site or construction condition, the sender may provide a recommended solution, including cost and/or schedule considerations.)*

RECEIVER'S REPLY: *(Provide answer to RFI, including cost and/or schedule considerations.)*

BY **DATE** **COPIES TO**

Note: This reply is not an authorization to proceed with work involving additional cost, time or both. If any reply requires a change to the Contract Documents, a Change Order, Construction Change Directive or a Minor Change in the work must be executed in accordance with the Contract Documents.

SEE ENGINEER COMMENTS BELOW, NO FURTHER COMMENTS FROM ARCH.
KG+D 04/09/2025

OLA Response:
1.) CONTRACTOR SHALL UTILIZE (4) SETS OF 500MCM CONDUCTORS FOR THE SECONDARY SERVICE TO THE BUILDING WHICH CAN BE TERMINATED DIRECTLY ON TO THE CON ED TRANSFORMER. CONTRACTOR SHALL PROVIDE A CREDIT FOR THE (2) SETS OF 500MCM CONDUCTORS WHICH WILL NO LONGER BE UTILIZED. PROVIDE DRAGLINES WITHIN THE (3) EMPTY 4" SECONDARY SERVICE CONDUITS FOR FUTURE USE. CONTRACTOR SHALL ADJUST SETTINGS WITHIN THE 2000A MAIN CIRCUIT BREAKER SO THAT A TRIP RATING OF 1500A IS PROVIDED. THIS DIRECTION WILL NOT HAVE A CHANGE ORDER AS NO ADDITIONAL WORK IS REQUIRED. PROVIDE A CREDIT FOR (2) SETS OF 500MCM CONDUCTORS.

Please send in the RFI:

Please be advised that per Con Edison Representative, since Con Edison is providing a 500kva Transformer, per EO-6229, only 4 sets of 500mcm are allowed to be terminated in the transformer secondary compartment. The electrical service equipment is rated for 2000amps and the drawings currently call for 6 sets of 500mcm to be installed at the transformer, which is not allowed.

The options per Con Ed are as follows:

- Customer can install a manhole with 7 way crabs inside the manhole to go from 4 sets to 6 sets
- If service (transformer) is within 25’ of service, Customer install a copper detailed service end box with limiters to go from 4 sets to 6 sets.

If the installation of a manhole is not practical, which is what we believe due to the presence of rock/ledge, we would suggest installing an outdoor rated (NEMA 3R) copper detail service box with limiters to go from 4 sets to 6 sets.

Please advise on how to proceed.
Thank you,
Giacomo Marchese
Vice President, Project Executive
Solar Electric Systems, Inc
914-468-9029

error, please notify us immediately by return e-mail and destroy this communication and all copies thereof, including all attachments.

4.8.4 Connect the secondary cables to the transformer's secondary spades using appropriately sized NEMA-Type compression lugs. Refer to EO-14929-C for NEMA-Type compression lugs. **Note:** If using lug to cable limiter, the lug on the limiter is the connection to the transformer's secondary spade.

4.8.5 Secondary cables can be extended using connectors specified in EO-5403.

4.8.6 THREE-PHASE PAD-MOUNTED TRANSFORMER SECONDARY

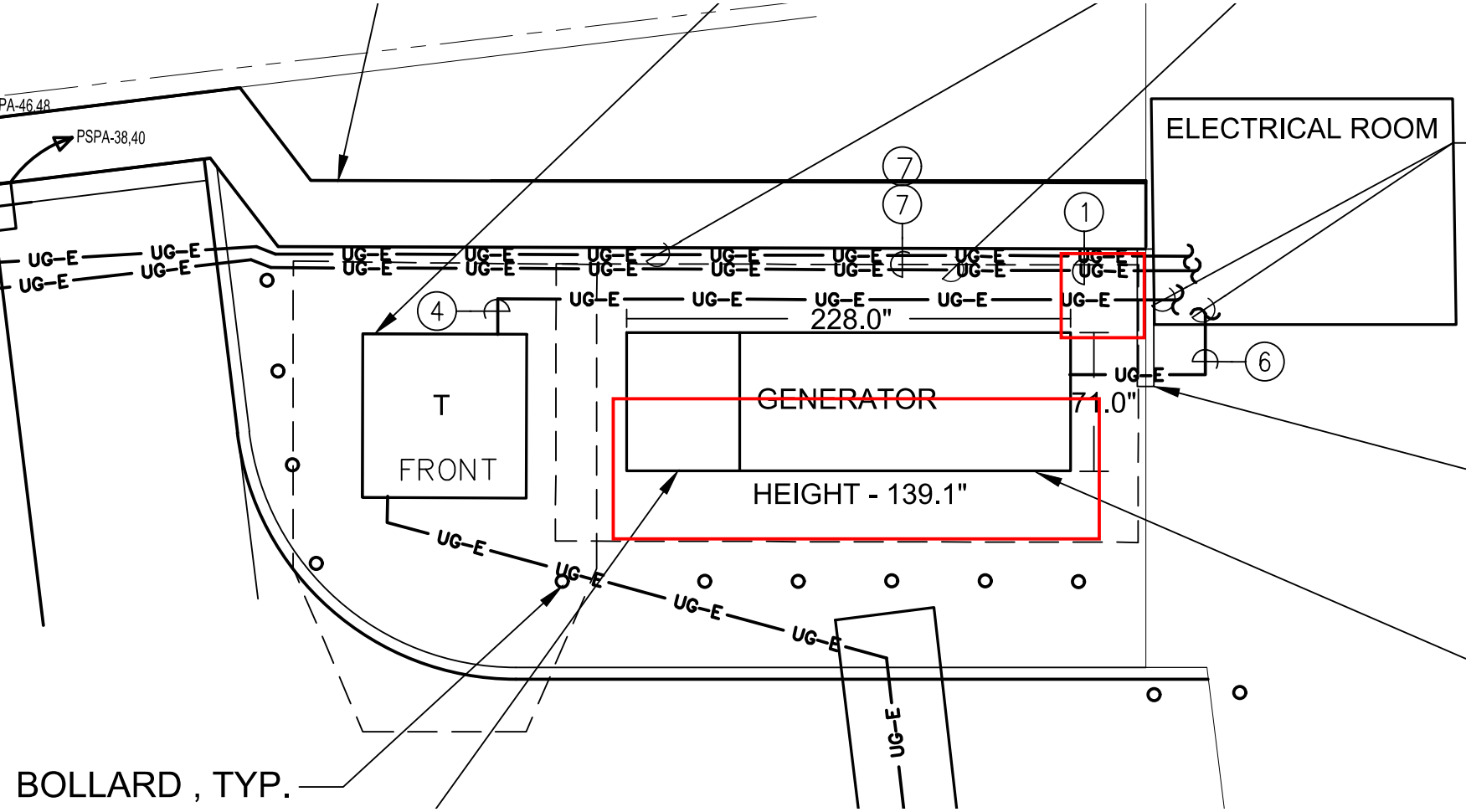
4.8.6.1 Depending upon field conditions and load requirements, the following maximum number of sets of 500kcmil copper or 750kcmil copper secondary cables shall apply:

Transformer kVA Size	Secondary Voltage	No. of Sets 500kcmil	No. of sets 750kcmil
150	208/120	1	None
300	208/120	2	None
500	208/120	4	3
	480/277	2	None
750	208/120	6	5
	480/277	3	2
1000	208/120	12	10
	480/277	4	3
1500	480/277	6	6
2000	480/277	10	8
2500	480/277	10	8

4.8.7 SINGLE-PHASE PAD-MOUNTED SECONDARY

4.8.7.1 One to Six Services – The size of the secondary cables shall depend upon the transformer size used. A maximum of six (6) sets of service lateral cables and two (2) street lighting cables can be used whenever a secondary splice box is not required. Refer to EO-2083 for more information on single phase transformer connected services.

4.8.7.2 Seven or More Services – When seven or more service lateral cables are required, the following secondary cable main sizes and sets can be applied when connecting from the


PA-46,48
PSPA-38,40
ELECTRICAL ROOM
UNDERGROUN
CONDUCTORS
IN EXISTING C
DURING PHAS
PLAN FOR CO
UG-E
7
1
4
6
228.0"
T
FRONT
GENERATOR
71.0"
HEIGHT - 139.1"
EX. CONDUITS
FOUNDATION
STRUCTURAL
AND DIMENSIO
GENERATOR L
SHALL MAINTA
CLEARANCE C
CAPPED AND
BOLLARD , TYP.