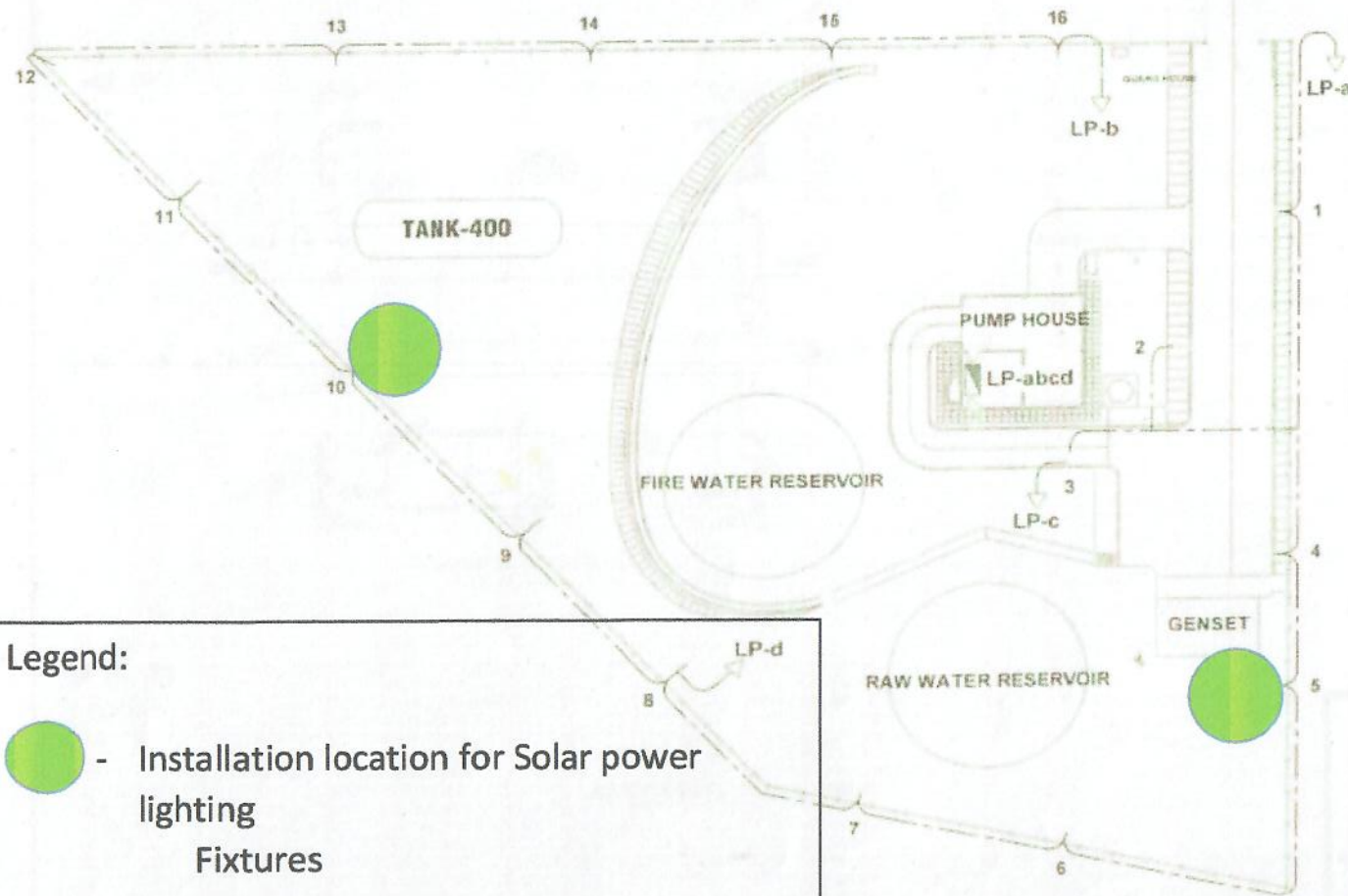


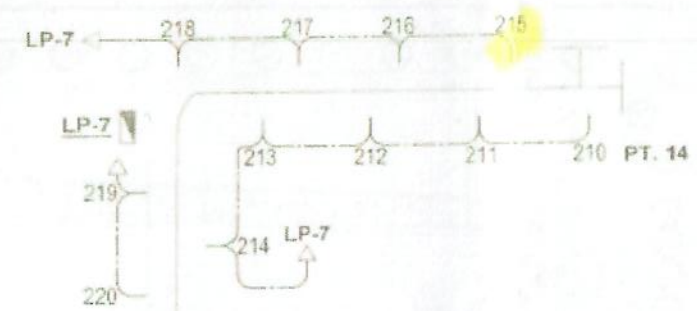




Installation location for new solar lighting fixture




Legend:

-  - Installation location for Solar power lighting Fixtures
-  - Dilapidated lighting post for removal

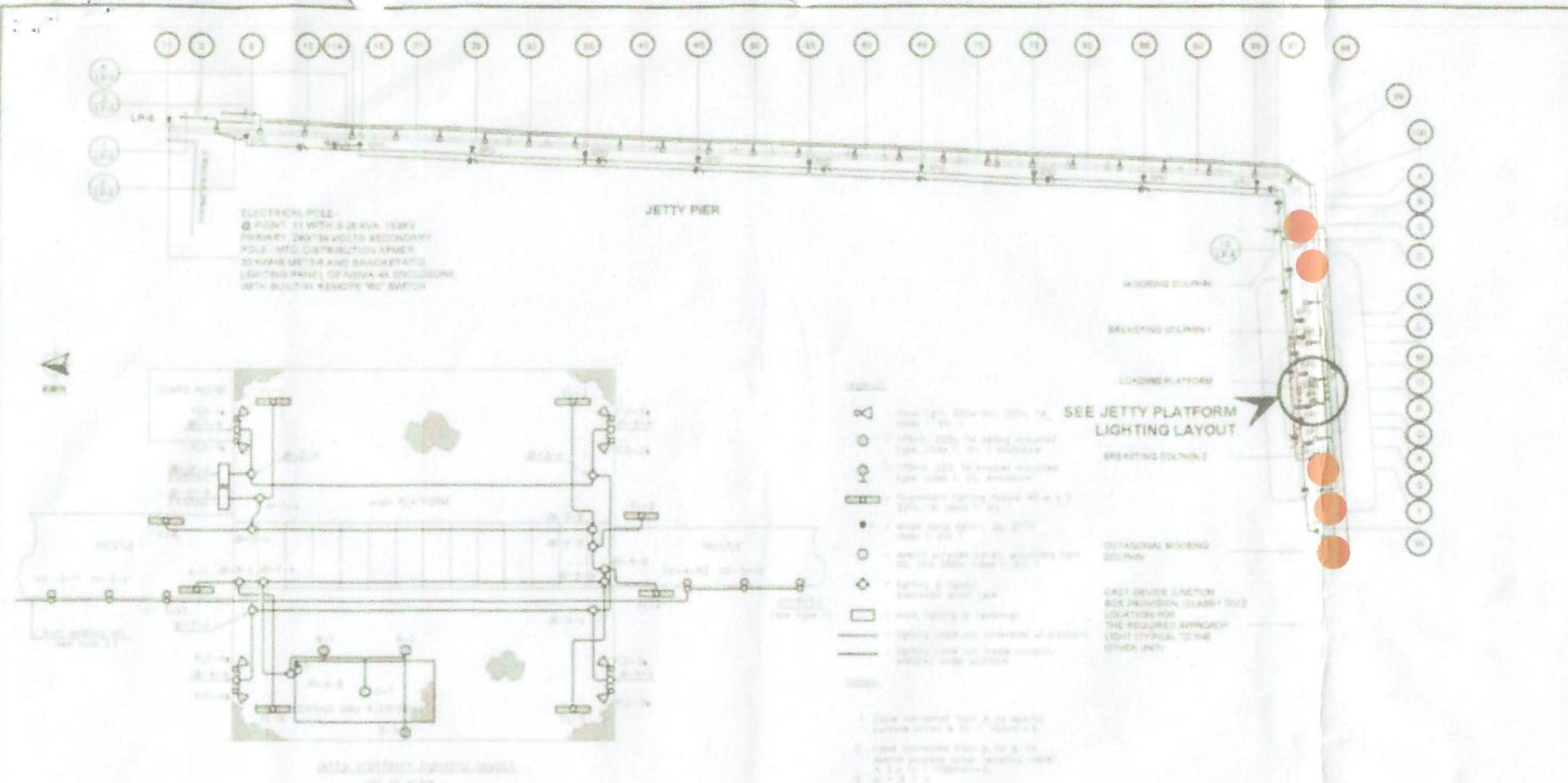


- LEGEND:**
-  19 PCS. LIGHTING POST (DEFECTIVE)
 -  29 PCS. LIGHTING POST (OK)

**LAYOUT PLAN
AS OF DECEMBER 2, 2014**

| | | |
|---|---|---|
|  PNOC Alternative Fuels | PNOC PETROCHEMICAL DEVELOPMENT CORPORATION BATANGAS DOS, MARINELES, BATAAN | |
| | PROJECT TITLE: ROADWAY LIGHTING ALONG PT.14 & T-400 | |
| SCALE DRAWN: ETG DESIGNED: NFS CHECKED: HAJ APPROVED: SCS REVISION NO. | DATE: | SHEET CONTENTS: PHASE-4 LAYOUT PLAN DRAWING NUMBER: SHEET. NO. |

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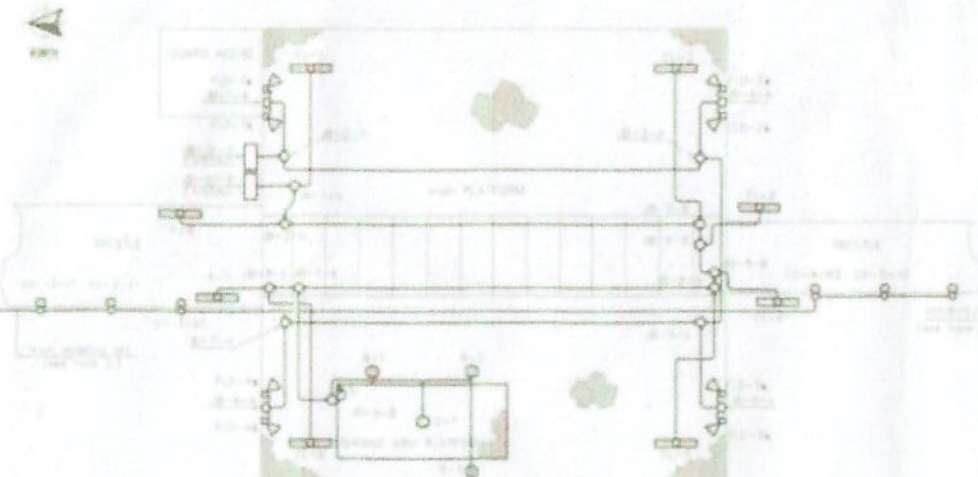


ELECTRICAL POLE
 ① POINT: 11 WITH 325KVA, 158KV
 PRIMARY: 240/138VOLT SECONDARY
 400V - 480V DISTRIBUTION SPACERS
 20 AMPERS 3P/4W 100% BRANDED P/4/5
 LIGHTING PANEL: OF 100VA-60 ENCLOSURE
 WITH BUSHING REMOTE 'NO' SWITCH

JETTY PIER

SEE JETTY PLATFORM LIGHTING LAYOUT


- LEGEND**
- ▲ Flood light, 200W-500, 200V, 14, 10000, 150'
 - Flood light, 200W, 14' spacing included, 1000, 1000, 1000, 1000, 1000
 - Flood light, 200W, 14' spacing included, 1000, 1000, 1000, 1000, 1000
 - Floodlight lighting fixture, 40W x 4' x 2' x 2', 14' spacing, 1000, 1000
 - Floodlight lighting fixture, 40W x 4' x 2' x 2', 14' spacing, 1000, 1000
 - Floodlight lighting fixture, 40W x 4' x 2' x 2', 14' spacing, 1000, 1000
 - ◇ Floodlight lighting fixture, 40W x 4' x 2' x 2', 14' spacing, 1000, 1000
 - Floodlight lighting fixture, 40W x 4' x 2' x 2', 14' spacing, 1000, 1000
 - Lighting cable, 100' length, 1000, 1000, 1000, 1000, 1000
 - Lighting cable, 100' length, 1000, 1000, 1000, 1000, 1000
- NOTES:**
1. Cable contained 'NO' & 'NO' switch, 1000, 1000, 1000, 1000, 1000
 2. Cable contained 'NO' & 'NO' switch, 1000, 1000, 1000, 1000, 1000
 3. Cable contained 'NO' & 'NO' switch, 1000, 1000, 1000, 1000, 1000



jetty platform lighting layout
 100' TO 1000'

| NO. | TYPE | SIZE | QTY | DATE | BY |
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PNOC ALTERNATIVE FUELS CORPORATION
 P.O. BOX 658648, HOUSTON, TEXAS 77265-8648
 281-290-3333

PROJECT TITLE
JETTY LOADING PLATFORM LIGHTING MODIFICATION WORKS

SHEET CONTENTS
LAYOUT PLAN

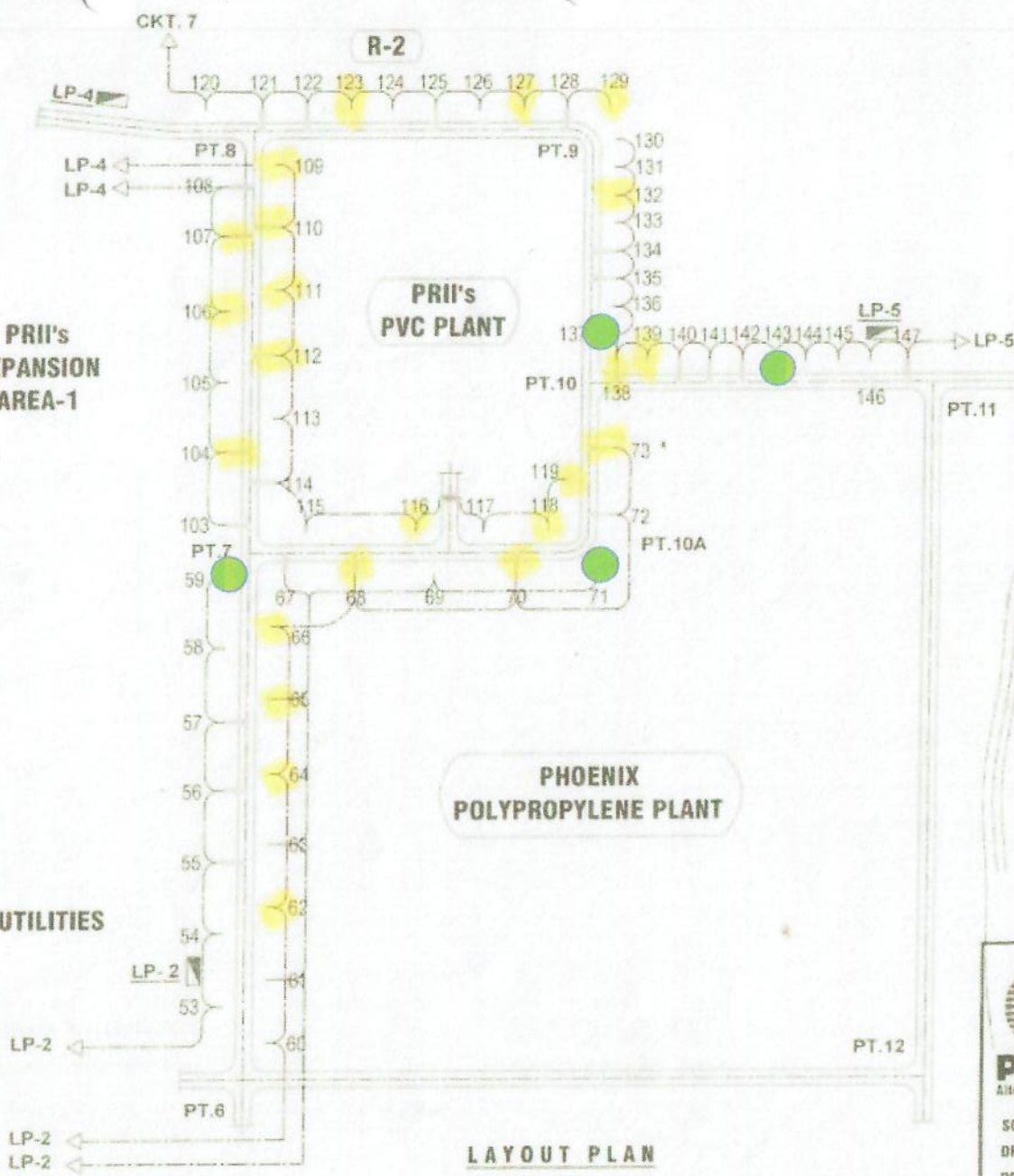
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|--------------|-----|----------|---|---------|-----------|
| SCALE | NTS | DATE | 07/22/11 | DWG No. | 2012-0020 |
| DRAWN | ETG | 07/22/11 |  | SHT No. | 1/1 |
| REQUESTED BY | NFB | 07/22/11 | | | |
| REVISION NO. | 0 | 07/05/11 | | | |



NORTH

PRII's
EXPANSION
AREA-1

UTILITIES



LEGEND:

- 26 PCS. LIGHTING POST (OPERATIONAL)
- 40 PCS. LIGHTING POST (DEFECTIVE)

**LAYOUT PLAN
AS OF DECEMBER 2, 2014**

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SCALE
DRAWN
DESIGNED
CHECKED
APPROVED
REVISION NO.

PNOC PETROCHEMICAL DEVELOPMENT CORPORATION
BATANGAS DUIS, MARIVELES, BATAAN

PROJECT TITLE:
**ROADWAY LIGHTING
ALONG PRII AREA**

DATE SHEET CONTENTS:
PHASE-2 LAYOUT PLAN
DRAWING NUMBER: SHEET. NO.



PRII's
PVC PLANT

PRII
EXPANSION
AREA-I

PHOENIX
POLYPROPYLENE PLANT

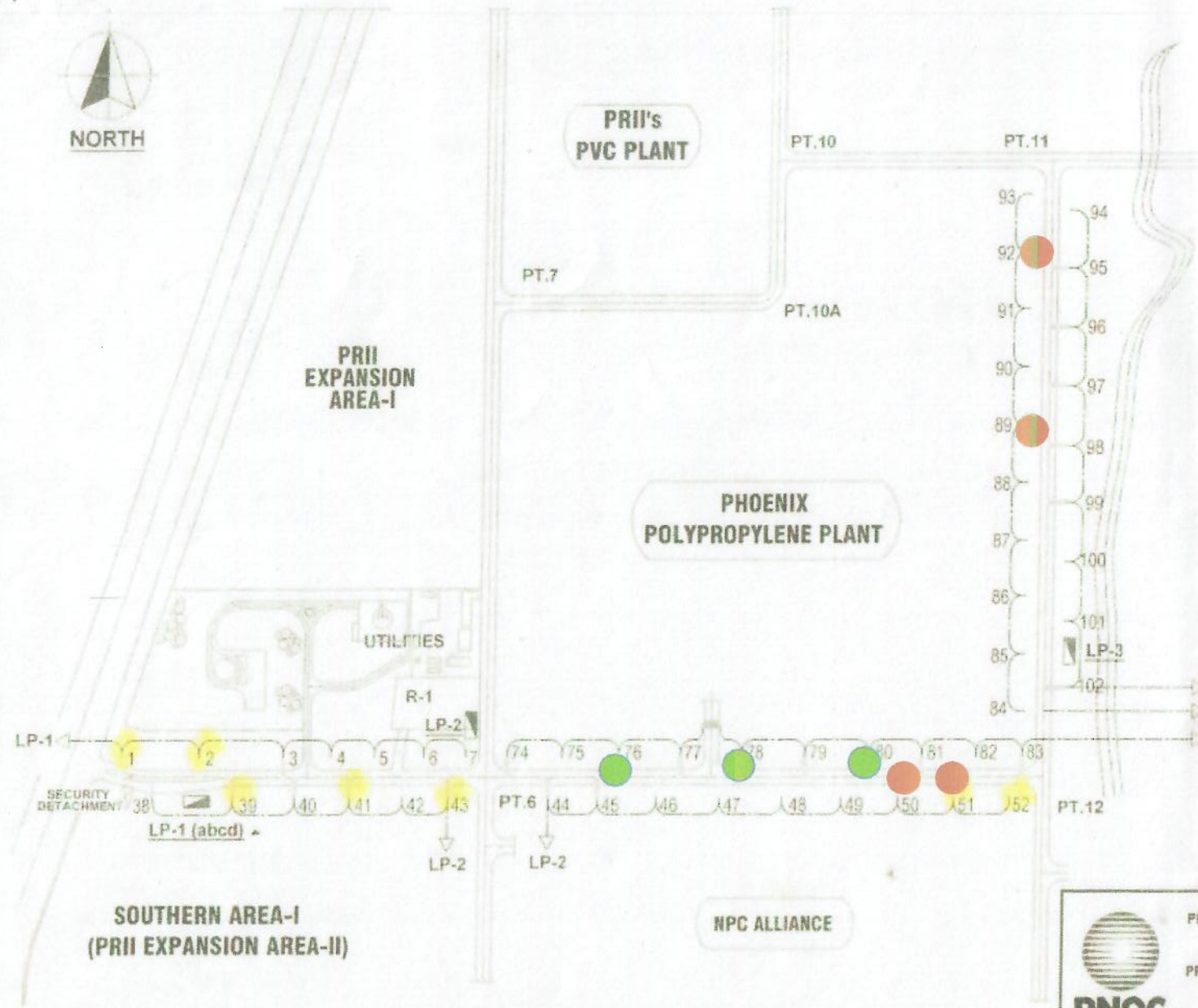
UTILITIES

R-1

JETTY

LEGEND:

- 23 PCS. LIGHTING POST (OPERATIONAL)
- 28 PCS. LIGHTING POST (DEFECTIVE)



SOUTHERN AREA-I
(PRII EXPANSION AREA-II)

NPC ALLIANCE

LAYOUT PLAN
AS OF DECEMBER 2, 2014



PNOC PETROCHEMICAL DEVELOPMENT CORPORATION
BATANGAS DOG. MARIBLES BATAN

PROJECT TITLE:
Roadway Lighting from PT. #1, PT.
#11 to PT.#12.dwg

SCALE
DRAWN
DESIGNED
CHECKED

DATE SHEET CONTENTS:
PHASE-1 LAYOUT PLAN
DRAWING NUMBER: SHEET NO.

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NORTH

POP'S BUILDING

TEAM ENERGY

NPC ALLIANCE

JETTY

FIRE TRAINING GROUND

LEGEND:

10 PCS. LIGHTING POST (OPERATIONAL)

43 PCS. LIGHTING POST (DEFECTIVE)

**LAYOUT PLAN
AS OF DECEMBER 2, 2014**

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PNUC PETROCHEMICAL DEVELOPMENT CORPORATION
BATANGAS COG, MARIVELES, BATAAN

PROJECT TITLE:
**ROADWAY LIGHTING
ALONG NPCA AREA**

SCALE
DRAWN
DESIGNED
CHECKED
APPROVED
REVISION NO.

DATE **SHEET CONTENTS:**
PHASE-3 LAYOUT PLAN
DRAWING NUMBER: SHEET. NO.

