

SUPPLEMENTAL/ BID BULLETIN

Republic of the Philippines
 Calamba Water District
 Lakeview Subd, Halang, Calamba City
 Tel. Nos: (049) 545-2728; 545-1614; 545-1389
 Fax No: (049) 545-9752/502-7108
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ADDENDUM NO. 2

07 December 2020

AMENDMENTS TO BIDDING DOCUMENTS

Under **SECTION VI. SPECIFICATIONS – E.1 General Specifications - Paragraph 2, E.6 Pullbox (S), Junctions Box(s) and Utility Box (x) Specifications - Paragraph 4**, and **SECTION VII. Drawings** thereof should be read as follows:

I. SECTION VI. SPECIFICATIONS – E.1 General Specifications - Paragraph 2, E.6 Pullbox (S), Junctions Box(s) and Utility Box (x) Specifications - Paragraph 4

E.1 GENERAL SPECIFICATIONS:

2. A. Service to the pump and motor load must be 440V, 3Ø, 3W+1G power system and service to the perimeter lighting must be 230V, 1Ø, 2W + 1G power system. B. Service to the pump 230V, 3Ø, 3W+1G power system.

E.6 PULLBOX (S), JUNCTIONS BOX(S) AND UTILITY BOX (X) SPECIFICATIONS:

4. Enclosures: Provide galvanizes sheet steel cabinet type enclosures in sized and NEMA types as indicated, code-gauge, minimum 16-gauge thickness. Construct with multiple knockouts and wiring gutters. Provide fronts with adjustable indicating trim clamps and doors with flush locks and keys all panel board enclosures keyed alike with concealed door hinges and door swings equip with interior circuit-directory frame and card with clear plastic covering provide PWDER COATED GRAY finish. **Panel board enclosure for single phase sized L=16cm, H=60cm, Thickness=18cm, w/ VFD enclosure is L=74cm, H=112cm, thickness=41cm.**

II. SECTION VII. Drawings

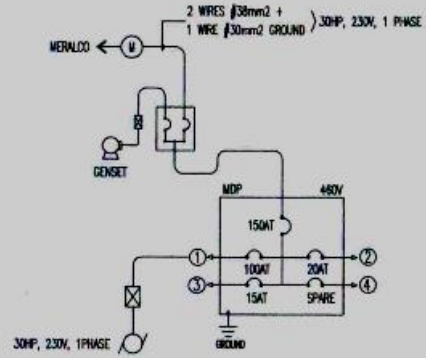
SCHEDULE OF LOADS

| PANELBOARD 1 (PB-1) | | | | | | | |
|---------------------|------------------------|----------------|------------|-------------|---------------|---------------------|-----------------------------|
| CKT. NO. | LOAD DESCRIPTION | NO. OF OUTLETS | VOLTS | WATTS | AMP. PER CKT. | PROTECTION PER CKT. | SIZE OF WIRES |
| 1 | 3Øhp Submersible motor | 1 | 230 | 22,200 | 97.3 | 125AT | 3Ø WIRES #30mm ² |
| 2 | C.O. | 6 | 230 | 1080 | 4.7 | 20AT | 2-3.5mm ² THHN |
| 3 | L.O. | 7 | 230 | 1100 | 3.1 | 15AT | 2-2.0mm ² THHN |
| 4 | SPARE | | | | | | |
| TOTAL | | 13 | 230 | 2000 | 105.96 | 150AT | |

| | | | | | | |
|--------------------------------------|--|---|--------------------------------------|---------------------------------|------------------------------------|--------------------------------|
| | CALAMBA WATER DISTRICT | <small>PROJECT FILE:</small> | <small>DRAWN BY:</small> | <small>MR. A. DEL PRADO</small> | <small>SHEET CONTENTS:</small> | <small>DATE: 12/4/2020</small> |
| | ENGINEERING DEPARTMENT PLANNING AND DESIGN DIVISION | PROPOSED PANELBOARD & RISER DIAGRAM FOR PALO ALTO PUMP STATION | <small>DESIGNED BY:</small> | <small>MR. P. ESTALAR</small> | AS SHOWN | <small>SHEET NO.</small> |
| LAKEVIEW SUBD., HALANG, CALAMBA CITY | <small>LOCATION:</small> | <small>CHECKED BY:</small> | <small>ENGR. R. S. CARTAGO</small> | <small>RECOMMENDED BY:</small> | <small>ENGR. R. S. CARTAGO</small> | 1 |
| LAKEVIEW SUBD., HALANG, CALAMBA CITY | <small>PROJECT TITLE:</small> | <small>APPROVED BY:</small> | <small>MR. E. A. AGUILAR JR.</small> | | | |

SCHEDULE OF LOADS

| PANELBOARD 1 (PB-1) | | | | | | | |
|---------------------|------------------------|----------------|-------|-------|---------------|---------------------|-----------------------------|
| CKT. NO. | LOAD DESCRIPTION | NO. OF OUTLETS | VOLTS | WATTS | AMP. PER CKT. | PROTECTION PER CKT. | SIZE OF WIRES |
| 1 | 30Hp Submersible motor | 1 | 230 | 22380 | 97.3 | 125AT | 3C WIRES #30mm ² |
| 2 | C.O. | 6 | 230 | 1080 | 4.7 | 20AT | 2-3.5mm ² THHN |
| 3 | L.O. | 7 | 230 | 1100 | 3.1 | 15AT | 2-2.0mm ² THHN |
| 4 | SPARE | | | | | | |
| TOTAL | | 13 | 230 | 2000 | 105.96 | 150AT | |



CALAMBA WATER DISTRICT
ENGINEERING DEPARTMENT
PLANNING AND DESIGN DIVISION

LAKEVIEW SUBD., HALANG, CALAMBA CITY

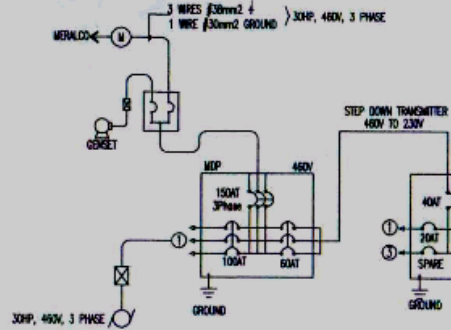
| | | | | |
|--|-----------------|-----------------------|-----------------|-----------------|
| PROJECT TITLE: | DRAWN BY: | MR. A. DEL PRADO | SHEET CONTENTS: | DATE: 12/4/2020 |
| PROPOSED PANELBOARD & RISER DIAGRAM FOR BUNGGO & SOUTHVILLE PUMP STATION | DESIGNED BY: | MR. P. ESTALAR | AS SHOWN | SHEET NO. |
| LOCATION: | CHECKED BY: | ENGR. R. S. CARTAGO | | |
| | RECOMMENDED BY: | ENGR. R. S. CARTAGO | | |
| | APPROVED BY: | MR. E. A. AGUILAR JR. | | |
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SCHEDULE OF LOADS

| MAIN DISTRIBUTION PANEL (MDP) | | | | | | | |
|-------------------------------|------------------|----------------|-------|-------|---------------|---------------------|---|
| CKT. NO. | LOAD DESCRIPTION | NO. OF OUTLETS | VOLTS | WATTS | AMP. PER CKT. | PROTECTION PER CKT. | SIZE OF WIRES |
| 1 | MDP | | 480 | 26371 | 57.33 | 150AT | 3 WIRES #38mm ² + 1 WIRE #30mm ² GROUND |
| TOTAL | | | | | | | |

| PANELBOARD 1 (PB-1) | | | | | | | |
|---------------------|------------------------|----------------|-------|-------|---------------|---------------------|-----------------------------|
| CKT. NO. | LOAD DESCRIPTION | NO. OF OUTLETS | VOLTS | WATTS | AMP. PER CKT. | PROTECTION PER CKT. | SIZE OF WIRES |
| 1 | 30Hp Submersible motor | 1 | 480 | 22380 | 49.85 | 125AT | 3C WIRES #38mm ² |
| TOTAL | | | | | | | |

| PANELBOARD 2 (PB-2) | | | | | | | |
|---------------------|------------------|----------------|-------|-------|---------------|---------------------|---------------------------|
| CKT. NO. | LOAD DESCRIPTION | NO. OF OUTLETS | VOLTS | WATTS | AMP. PER CKT. | PROTECTION PER CKT. | SIZE OF WIRES |
| 1 | C.O. | 6 | 230 | 1080 | 4.7 | 20AT | 2-3.5mm ² THHN |
| 2 | L.O. | 7 | 230 | 1100 | 3.1 | 15AT | 2-2.0mm ² THHN |
| 3 | SPARE | | | | | | |
| 4 | SPARE | | | | | | |
| TOTAL | | 13 | 230 | 2000 | 8.8956 | 40AT | 2-5.5mm ² THHN |



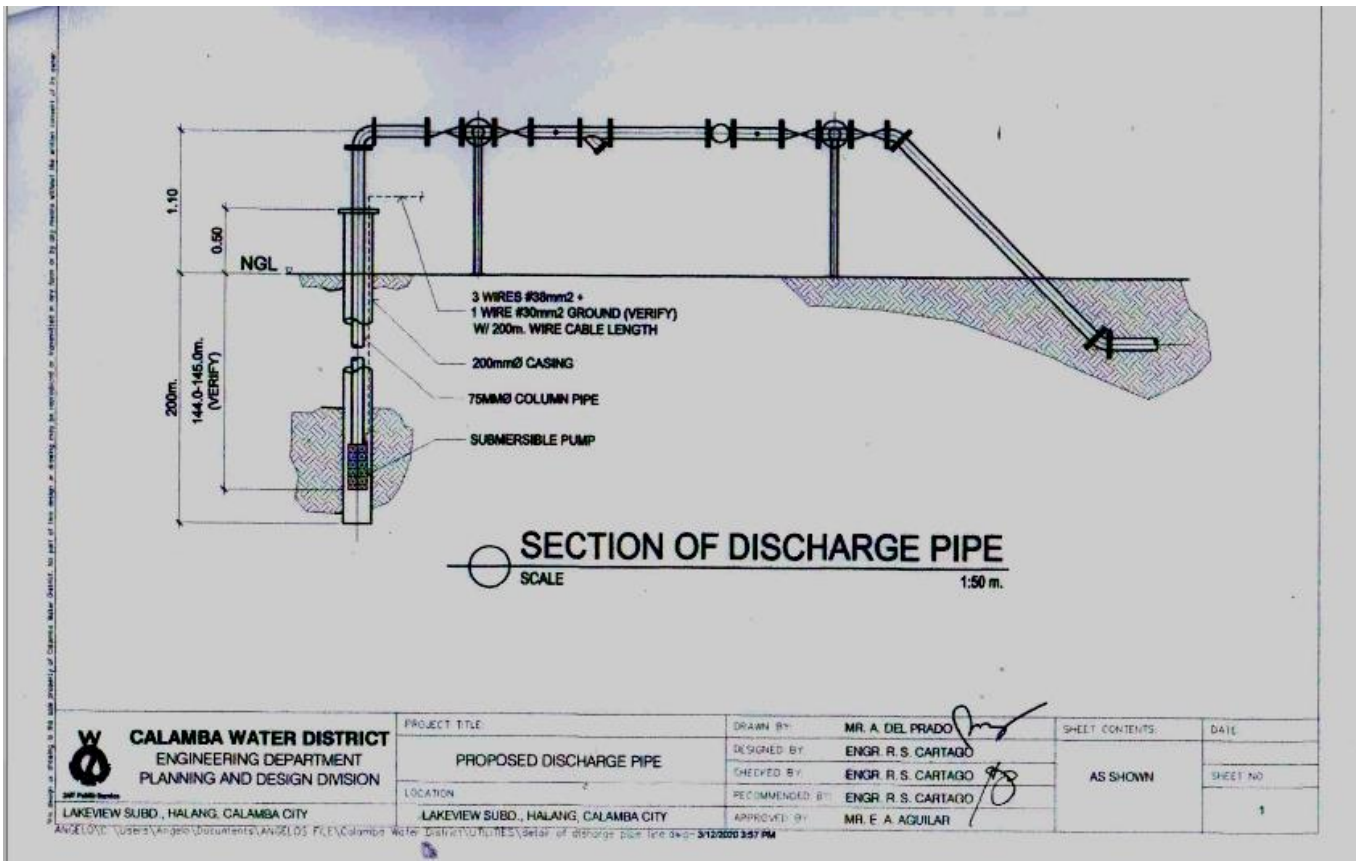
FEEDER RISER DIAGRAM



CALAMBA WATER DISTRICT
ENGINEERING DEPARTMENT
PLANNING AND DESIGN DIVISION

LAKEVIEW SUBD., HALANG, CALAMBA CITY

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|---|-----------------|-----------------------|-----------------|-----------------|
| PROJECT TITLE: | DRAWN BY: | MR. A. DEL PRADO | SHEET CONTENTS: | DATE: 12/4/2020 |
| PROPOSED PANELBOARD & RISER DIAGRAM FOR DISPATCHING & LANDMARK PUMP STATION | DESIGNED BY: | MR. P. ESTALAR | AS SHOWN | SHEET NO. |
| LOCATION: | CHECKED BY: | ENGR. R. S. CARTAGO | | |
| | RECOMMENDED BY: | ENGR. R. S. CARTAGO | | |
| | APPROVED BY: | MR. E. A. AGUILAR JR. | | |
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|--|--------------------------------------|-------------------------------------|----------------|-----------|
| CALAMBA WATER DISTRICT ENGINEERING DEPARTMENT PLANNING AND DESIGN DIVISION <small>Self Public Service</small> LAKEVIEW SUBD., HALANG, CALAMBA CITY <small>ANGEL001: \\users\Angel\Documents\ANGEL001 FILES\Columbia Water District\NOTICES\seal of discharge pipe title.dwg: 3/12/2020 3:57 PM</small> | PROJECT TITLE | DRAWN BY: MR. A. DEL PRADO | SHEET CONTENTS | DATE |
| | PROPOSED DISCHARGE PIPE | DESIGNED BY: ENGR. R. S. CARTAGO | AS SHOWN | SHEET NO. |
| | LOCATION | CHECKED BY: ENGR. R. S. CARTAGO | | 1 |
| | LAKEVIEW SUBD., HALANG, CALAMBA CITY | RECOMMENDED BY: ENGR. R. S. CARTAGO | | |
| | APPROVED BY: MR. E. A. AGUILAR | | | |

For guidance and information of all concerned.

MR. EDWIN L. CARTAGO
 BAC Chairman

Received by: _____
 Date: _____

Construction of Various Pump Houses including the Supply of Electro-mechanical Appurtenances (Lot 1, 2 and 3) (CWD 83-2020)