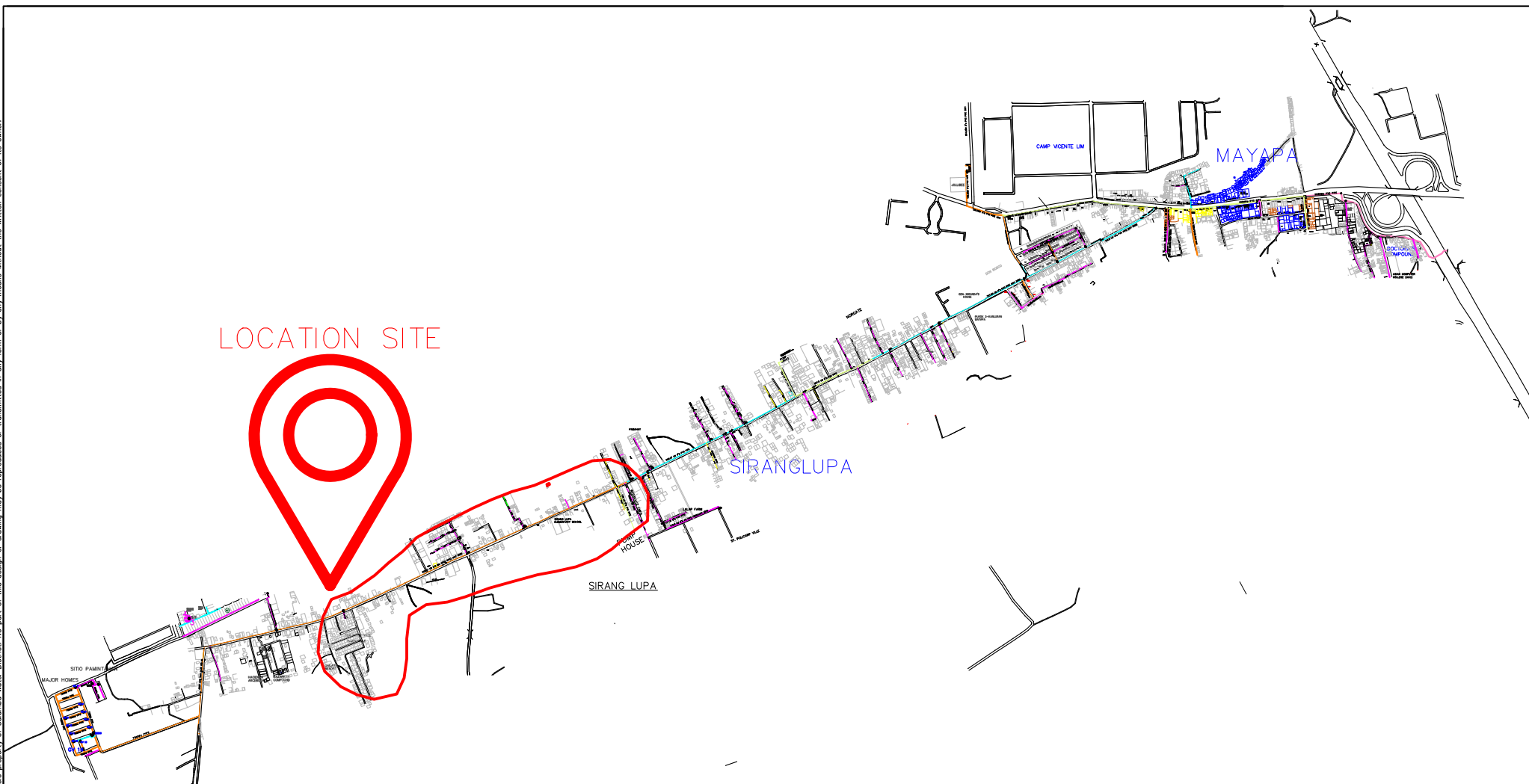


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**CALAMBA WATER DISTRICT**  
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Tel. Nos. 545-1614; 545-2863; 545-2728; 545-7895; Fax No. 545-9752  
[www.cwd.com.ph](http://www.cwd.com.ph)



ISO 9001  
FOR AN INTEGRATED QUALITY MANAGEMENT SYSTEM  
REGISTERED  
MARS

PHIP QMS 21.93.0047

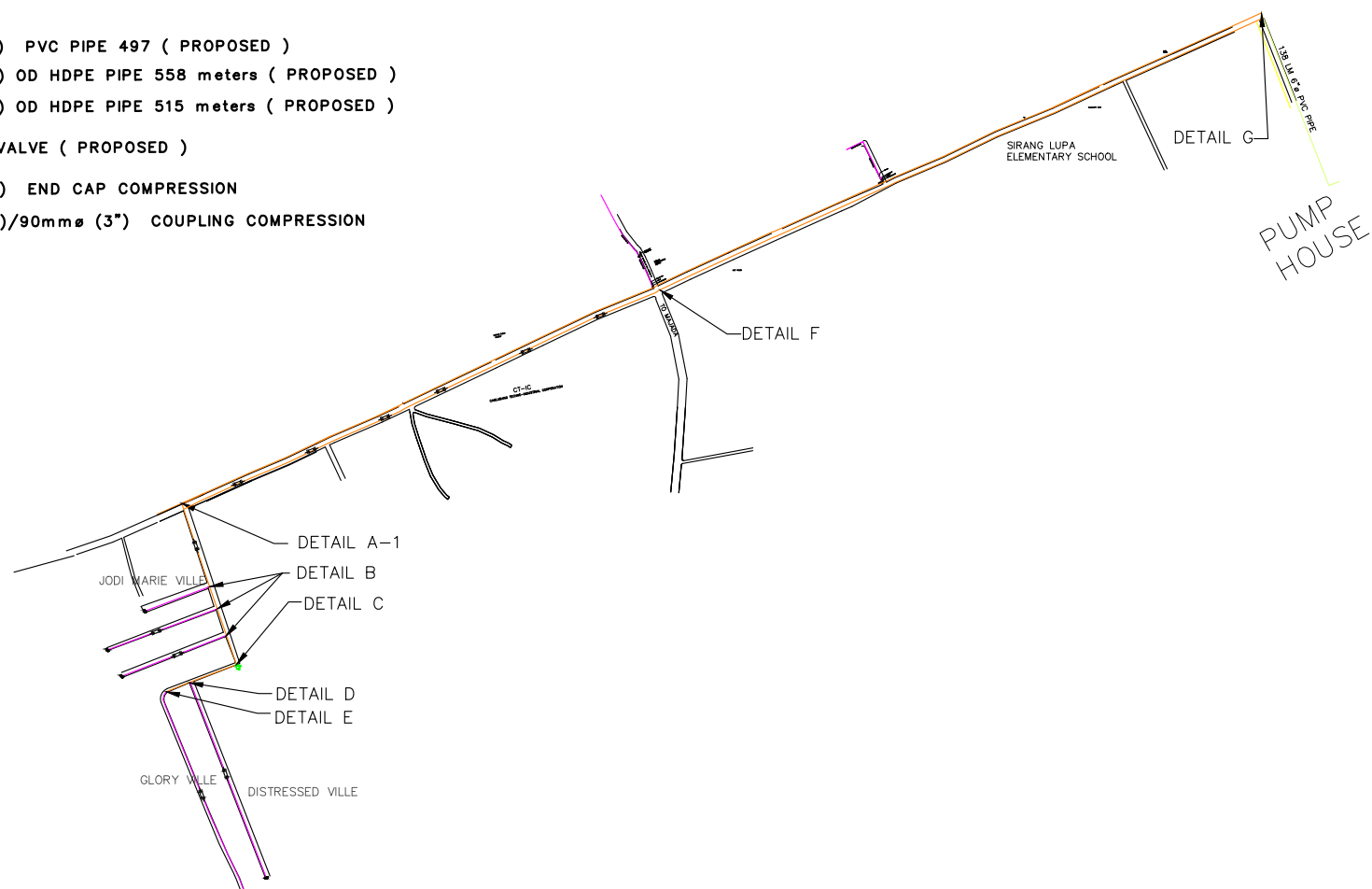
TECHNICAL SERVICES DEPARTMENT  
ENGINEERING AND MAINTENANCE DIVISION

|                                                                                                                                                                                                                                                                                          |                                           |                                                     |                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------|--------------------|
| PROJECT TITLE:<br><br>Supply of Labor and Materials for the Expansion of Distribution Line and Appurtenances in Philippine Distressed and Gloryville, Brgy. Sirang Lupa, Calamba city<br><br>LOCATION: Philippine Distressed Subd. and Gloryville Subd., Brgy. Sirang Lupa, Calamba City | DRAWN BY: ENGR. V. C. DAVID               | SHEET CONTENTS:<br><br><b>SITE DEVELOPMENT PLAN</b> | DATE: MAY 29, 2025 |
|                                                                                                                                                                                                                                                                                          | CHECKED BY: ENGR. A. C. AVILLANOSA        |                                                     | SHEET NO.          |
|                                                                                                                                                                                                                                                                                          | RECOMMENDED BY: ENGR. R. V. BARO          |                                                     |                    |
|                                                                                                                                                                                                                                                                                          | RECOMMENDED BY: ENGR. R. S. CARTAGO       |                                                     |                    |
|                                                                                                                                                                                                                                                                                          | APPROVED BY: MR. EXEQUIEL A. AGUILAR, JR. |                                                     |                    |

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# LEGEND:

- 75mmø (3") PVC PIPE 497 ( PROPOSED )
- 90mmø (3") OD HDPE PIPE 558 meters ( PROPOSED )
- 63mmø (2") OD HDPE PIPE 515 meters ( PROPOSED )
- BLOW OFF VALVE ( PROPOSED )
- 63mmø (2") END CAP COMPRESSION
- 63mmø (2")/90mmø (3") COUPLING COMPRESSION



TECHNICAL SERVICES DEPARTMENT  
ENGINEERING AND MAINTENANCE DIVISION

PROJECT TITLE:

Supply of Labor and Materials for the Expansion of Distribution Line and Appurtenances in Philippine Distressed and Gloryville, Brgy. Sirang Lupa, Calamba city

LOCATION: Philippine Distressed Subd. and Gloryville Subd., Brgy. Sirang Lupa, Calamba City

DRAWN BY: ENGR. V. C. DAVID

CHECKED BY: ENGR. A. C. AVILLANOSA

RECOMMENDED BY: ENGR. R. V. BARO

RECOMMENDED BY: ENGR. R. S. CARTAGO

APPROVED BY: MR. EXEQUIEL A. AGUILAR, JR.

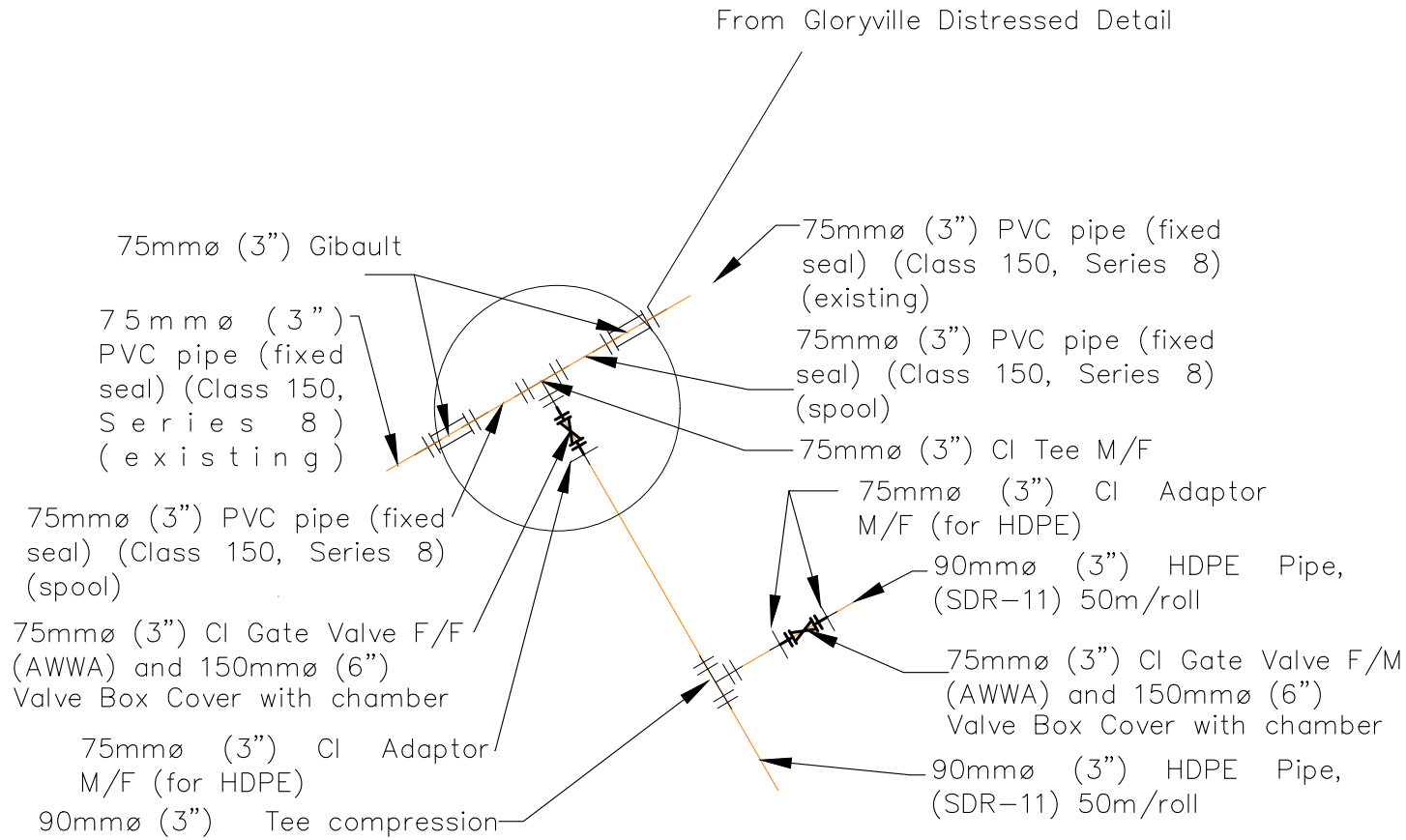
SHEET CONTENTS:

DISTRIBUTION  
PLAN

DATE: MAY 29, 2025

SHEET NO.

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DETAIL A-1



TECHNICAL SERVICES DEPARTMENT  
ENGINEERING AND MAINTENANCE DIVISION

PROJECT TITLE:

Supply of Labor and Materials for the Expansion of Distribution Line and Appurtenances in Philippine Distressed and Gloryville, Brgy. Sirang Lupa, Calamba city

LOCATION: Philippine Distressed Subd. and Gloryville Subd., Brgy. Sirang Lupa, Calamba City

DRAWN BY & DESIGNED BY:: ENGR. V. C. DAVID

CHECKED BY: ENGR. A. C. AVILLANOSA

RECOMMENDED BY: ENGR. R. V. BARO

RECOMMENDED BY: ENGR. R. S. CARTAGO

APPROVED BY: MR. EXEQUIEL A. AGUILAR, JR.

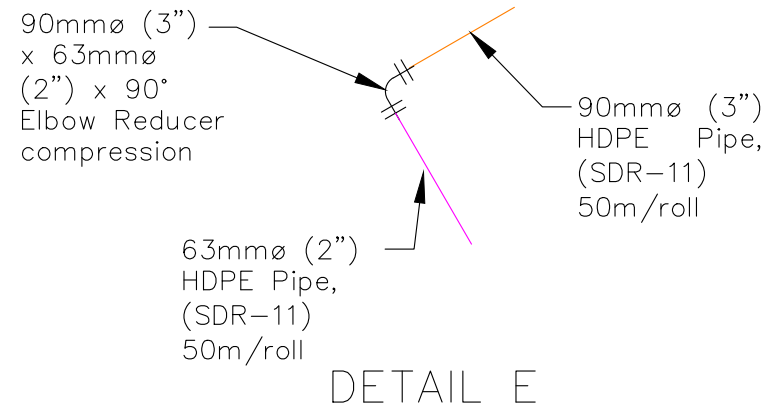
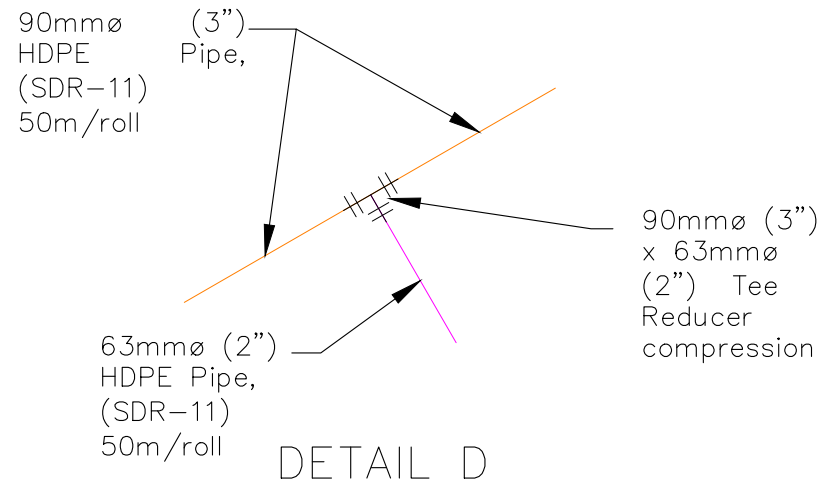
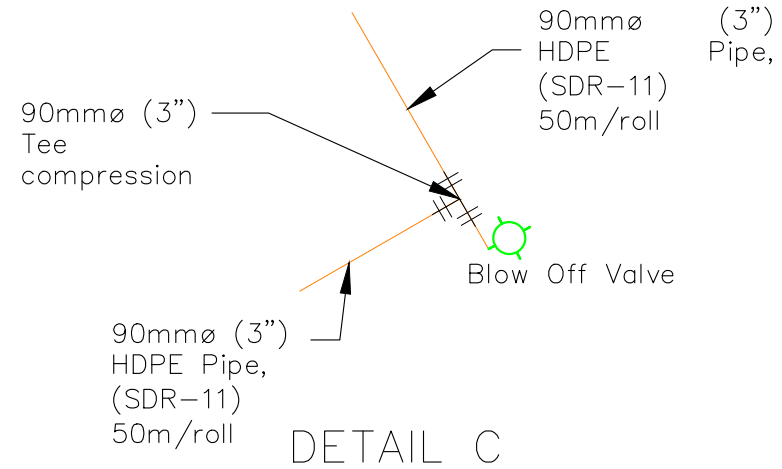
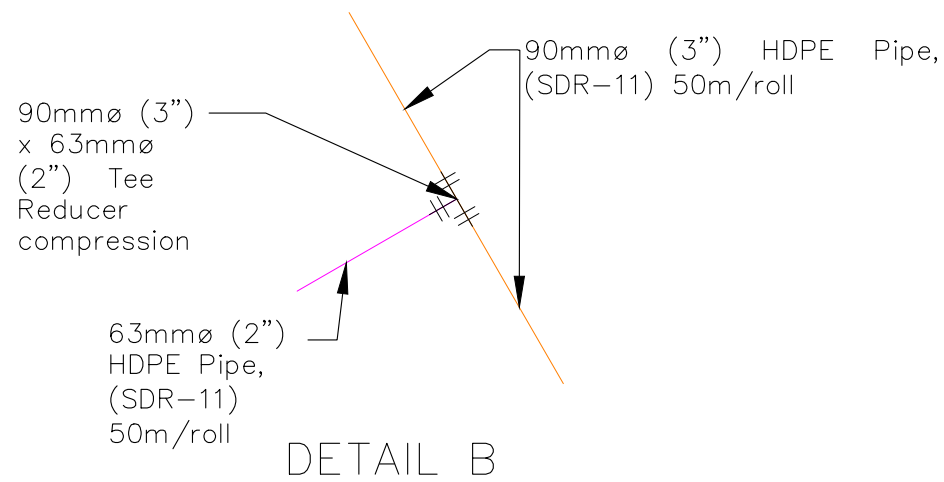
SHEET CONTENTS:

DETAIL  
A-1

DATE: OCT. 16, 2025

SHEET NO.

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TECHNICAL SERVICES DEPARTMENT  
ENGINEERING AND MAINTENANCE DIVISION

PROJECT TITLE:

Supply of Labor and Materials for the Expansion of Distribution Line and Appurtenances in Philippine Distressed and Gloryville, Brgy. Sirang Lupa, Calamba city

LOCATION: Philippine Distressed Subd. and Gloryville Subd., Brgy. Sirang Lupa, Calamba City

DRAWN BY & DESIGNED BY: ENGR. V. C. DAVID

CHECKED BY: ENGR. A. C. AVILLANOSA

RECOMMENDED BY: ENGR. R. V. BARO

RECOMMENDED BY: ENGR. R. S. CARTAGO

APPROVED BY: MR. EXEQUIEL A. AGUILAR, JR.

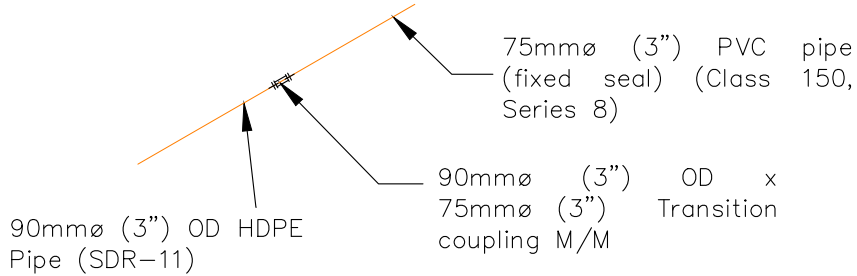
SHEET CONTENTS:

DETAIL  
B,C,D,E

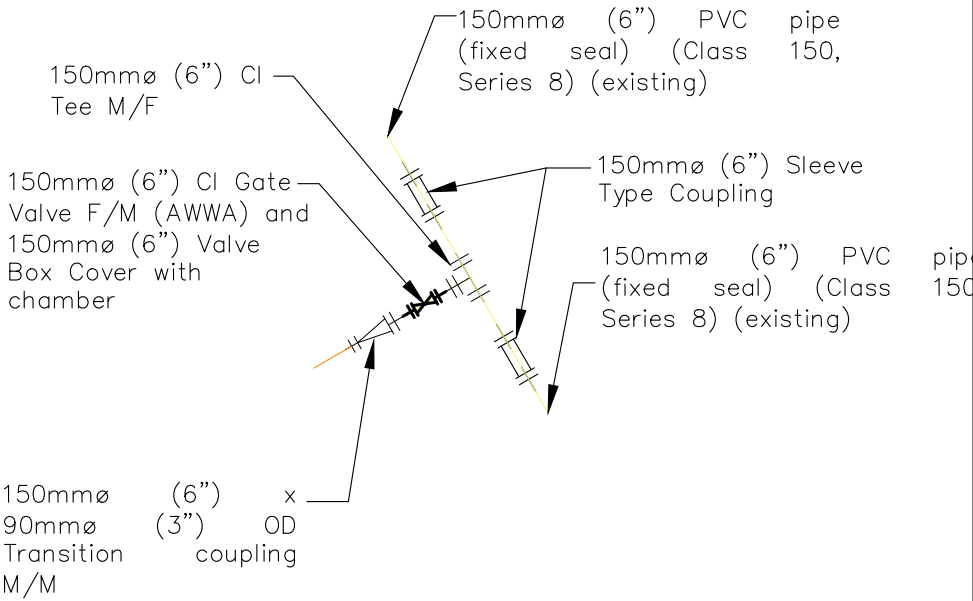
DATE: OCT. 16, 2025

SHEET NO.

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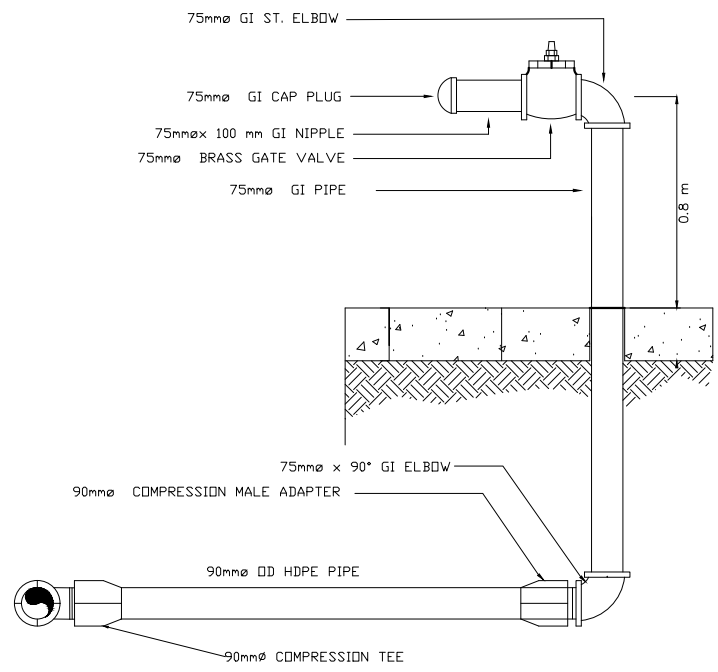
DETAIL F



DETAIL G

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                 |                                            |                 |                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------|---------------------|
| <div><b>CALAMBA WATER DISTRICT</b><br/><small>Lakeview Subdivision, Halang, Calamba City, Laguna<br/>Tel. Nos. 545-1614; 545-2863; 545-2728; 545-7895; Fax No. 545-9752<br/>www.cwd.com.ph</small></div> <div><br/><small>REGISTERED QUALITY MANAGEMENT SYSTEM<br/>PQP QMS 21 93 0047</small></div> <div>TECHNICAL SERVICES DEPARTMENT<br/>ENGINEERING AND MAINTENANCE DIVISION</div> | PROJECT TITLE:                                                                                                                                                  | DRAWN BY & DESIGNED BY:: ENGR. V. C. DAVID | SHEET CONTENTS: | DATE: OCT. 16, 2025 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Supply of Labor and Materials for the Expansion of Distribution Line and Appurtenances in Philippine Distressed and Gloryville, Brgy. Sirang Lupa, Calamba city | CHECKED BY: ENGR. A. C. AVILLANOSA         | DETAIL F-G      | SHEET NO.           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LOCATION: Philippine Distressed Subd. and Gloryville Subd., Brgy. Sirang Lupa, Calamba City                                                                     | RECOMMENDED BY: ENGR. R. V. BARO           |                 | 4                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                 | RECOMMENDED BY: ENGR. R. S. CARTAGO        |                 |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                 | APPROVED BY: MR. EXEQUIEL A. AGUILAR, JR.  |                 |                     |

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BLOW OFF VALVE ASSEMBLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 |                                           |                                                |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------|---------------------|
| <div><div><div><div><b>CALAMBA WATER DISTRICT</b></div><div>Lakeview Subdivision, Halang, Calamba City, Laguna<br/>Tel. Nos. 545-1614; 545-2863; 545-2728; 545-7895; Fax No. 545-9752<br/><a href="http://www.cwd.com.ph">www.cwd.com.ph</a></div></div><div><div>TECHNICAL<br/>SERVICES DEPARTMENT</div><div>ENGINEERING AND MAINTENANCE DIVISION</div></div></div></div> | PROJECT TITLE:                                                                                                                                                  | DRAWN BY: ENGR. V. C. DAVID               | SHEET CONTENTS:<br><br><b>BOV<br/>ASSEMBLY</b> | DATE: OCT. 16, 2025 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Supply of Labor and Materials for the Expansion of Distribution Line and Appurtenances in Philippine Distressed and Gloryville, Brgy. Sirang Lupa, Calamba city | DESIGNED BY: ENGR. A. C. AVILLANOSA       |                                                | SHEET NO.           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LOCATION: Philippine Distressed Subd. and Gloryville Subd., Brgy. Sirang Lupa, Calamba City                                                                     | CHECKED BY: ENGR. R. V. BARO              |                                                |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 | RECOMMENDED BY: ENGR. R. S. CARTAGO       |                                                |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                 | APPROVED BY: MR. EXEQUIEL A. AGUILAR, JR. |                                                |                     |