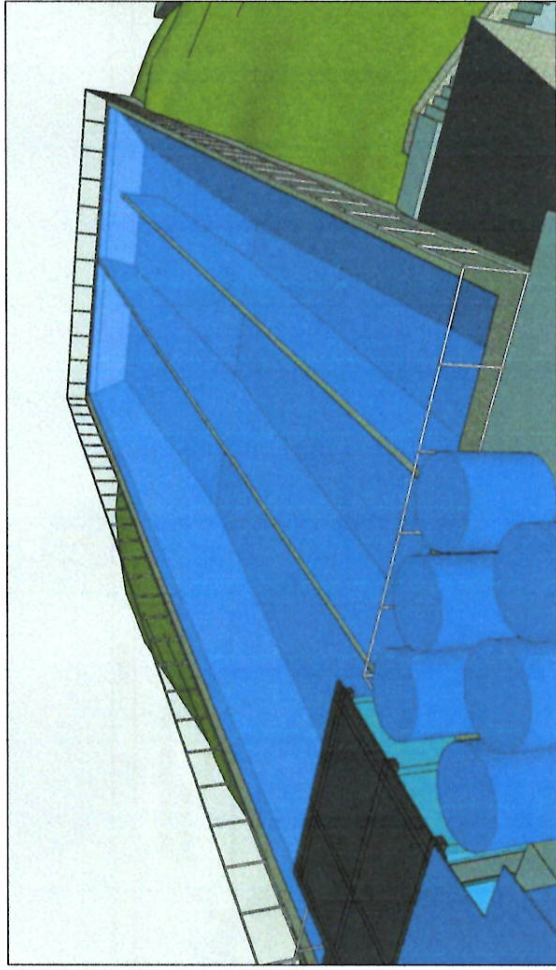


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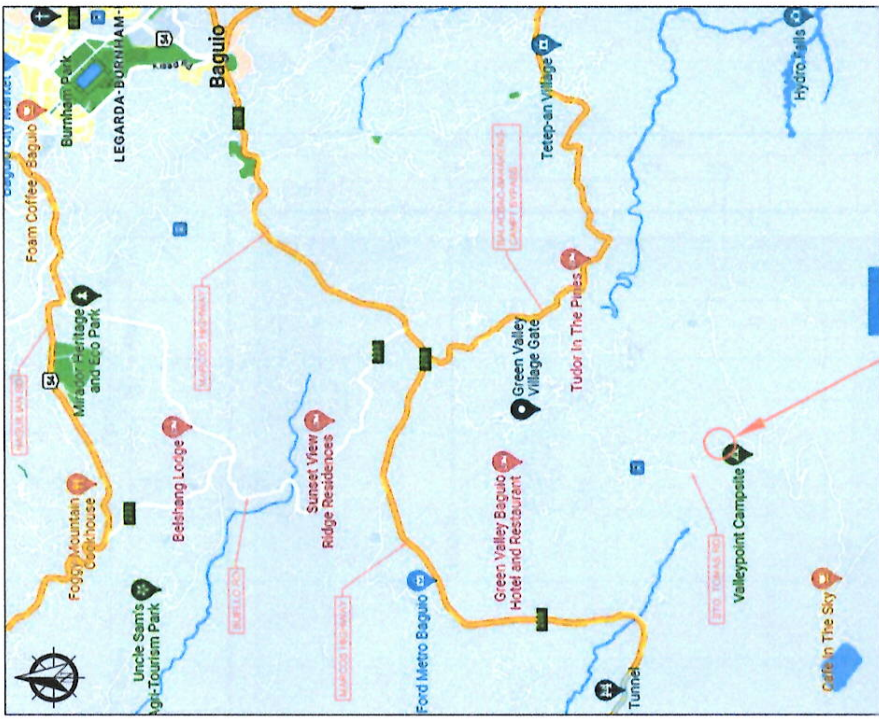
## PERSPECTIVE



**GENERAL NOTES:**

1. IN THE INTERPRETATION OF THESE DRAWINGS, INDICATED DIMENSIONS SHALL GOVERN AND DISTANCES OR SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES. ALL DIMENSIONS ARE IN MILLIMETERS (MM) UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER BEFORE PROCEEDING WITH AFFECTED PART OF THE WORK.
3. ALL WORKS, SUCH AS PLUMBING, WELDING, MASONRY, AND CARPENTRY, SHALL BE DONE IN A BEST MANNER OF TRADES AND BY COMPETENT PLUMBERS, WELDERS, MASONS, AND CARPENTERS, RESPECTIVELY, UNDER THE SUPERVISION AND DIRECTION OF THE CONTRACTOR'S SUPERVISING ENGINEER AND/OR BWD FIELD ENGINEER.
4. NO ACTIVITIES SHALL COMMENCE WITHOUT PRIOR SITE SURVEY BETWEEN THE CONTRACTOR AND THE BWD FIELD ENGINEER.

- OTHERWISE, ERROR/S ON THE LAY-OUT WITHOUT THE CONDUCT OF THE AFOREMENTIONED SITE SURVEY IS/ARE SUBJECT TO REMOVAL OR REPAIR WITH CONTRACTOR'S EXPENSE.
5. INSTALL TARPAULIN BEFORE AND DURING THE CONSTRUCTION.
6. PROPER SIGNAGES AND BARRICADES DURING CONSTRUCTION.
7. OBSERVE SAFETY PRACTICE AND CLEANLINESS THROUGHOUT THE DURATION OF THE PROJECT.
8. SITE MUST BE FREE FROM EXCESSS AND WASTE MATERIALS BEFORE FINAL INSPECTION/SITE CLEARING.
9. OBSERVE QUALITY OF WORKMANSHIP AND QUALITY OF CONSTRUCTION MATERIALS.

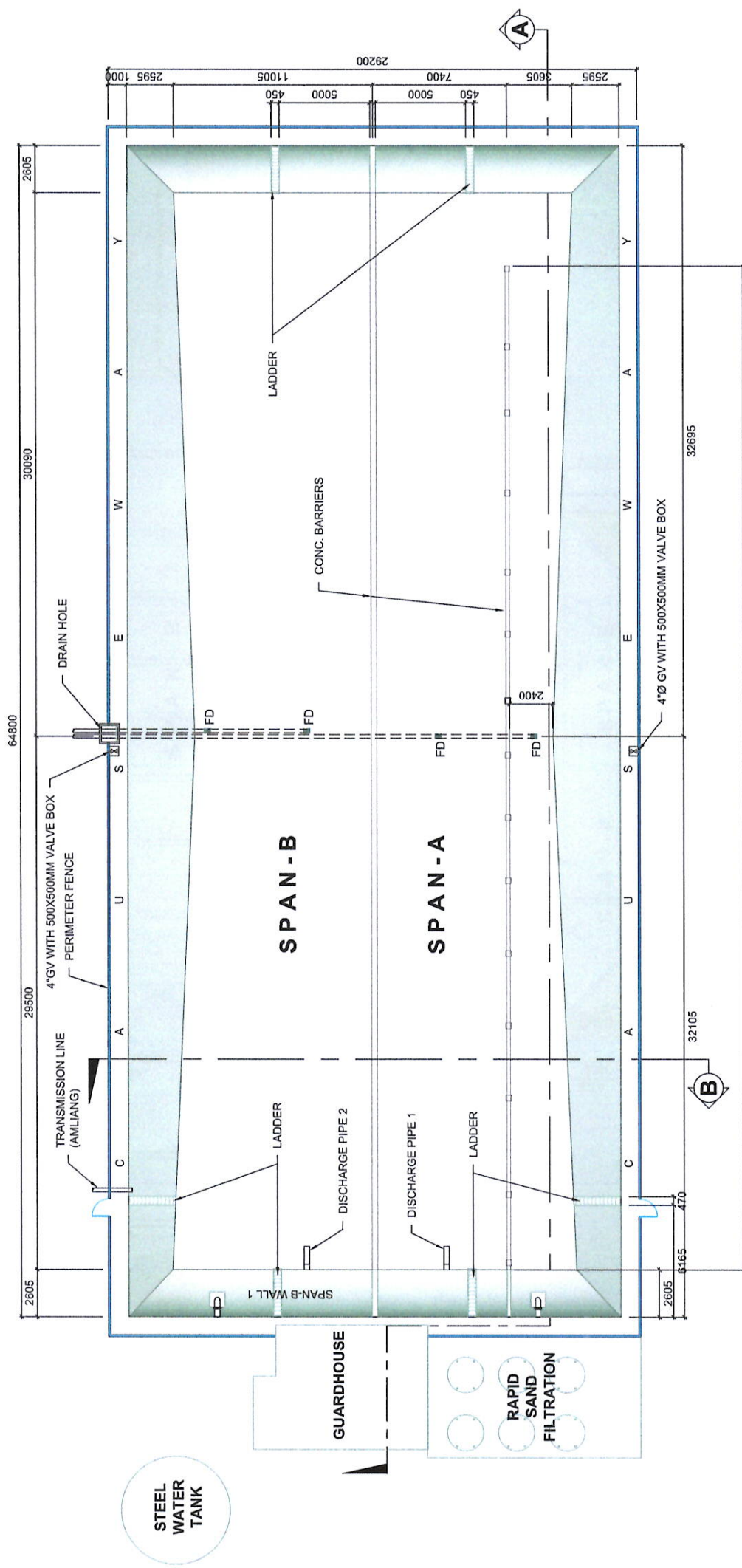


# THIS SITE



## LOCATION MAP

|                                                                                     |                                                                                                     |                                                                                                      |                                                                                         |                                                                                                                                       |                                                                                      |                     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------|
|  | PREPARED BY: <u>[Signature]</u><br>ANTHONY C. PASICOLAN<br><small>ENGINEER &amp; PEI DESIGN</small> | REVIEWED BY: <u>[Signature]</u><br>EDMUNDO Q. LANES<br><small>PEI &amp; CIVIL ENGINEER</small>       | APPROVED BY: <u>[Signature]</u><br>SALVADOR M. ROYCEA<br><small>GENERAL MANAGER</small> | PROJECT TITLE AND LOCATION:<br><br><b>PROPOSED WATERPROOFING OF KM 8 RESERVOIR<br/>         (INSTALLATION OF 2MM THK. HDPE LINER)</b> | SHEET CONTENTS:<br>TABLE OF CONTENTS<br>PERSPECTIVE<br>GENERAL NOTES<br>LOCATION MAP | SHEET NO.: <b>1</b> |
|                                                                                     | CHECKED BY: <u>[Signature]</u><br>JANEL J. MANABONG<br><small>PEI &amp; CIVIL ENGINEER</small>      | RECD. APPROVAL BY: <u>[Signature]</u><br>RENALDO C. JAYCO<br><small>PEI &amp; CIVIL ENGINEER</small> | SHEET NO.: <b>5</b>                                                                     |                                                                                                                                       |                                                                                      |                     |

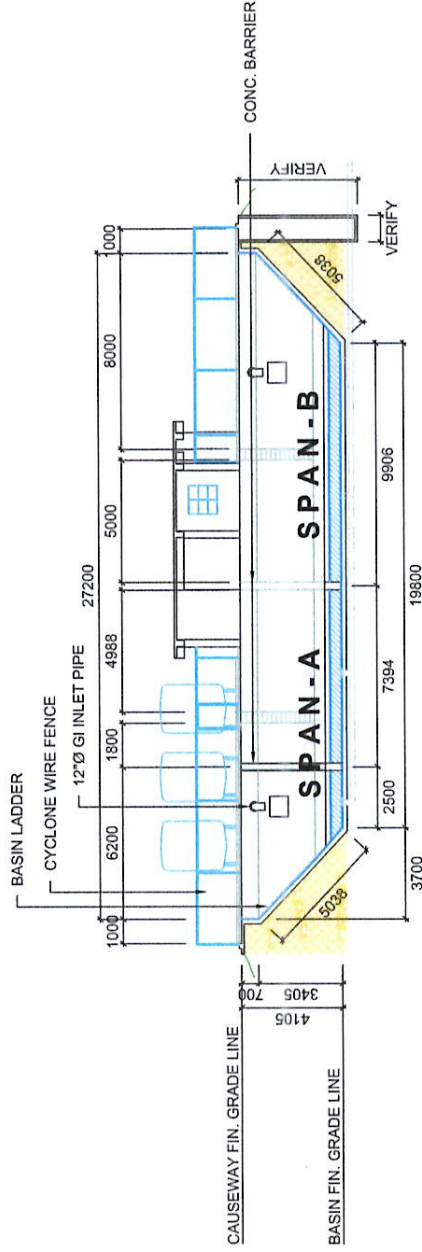
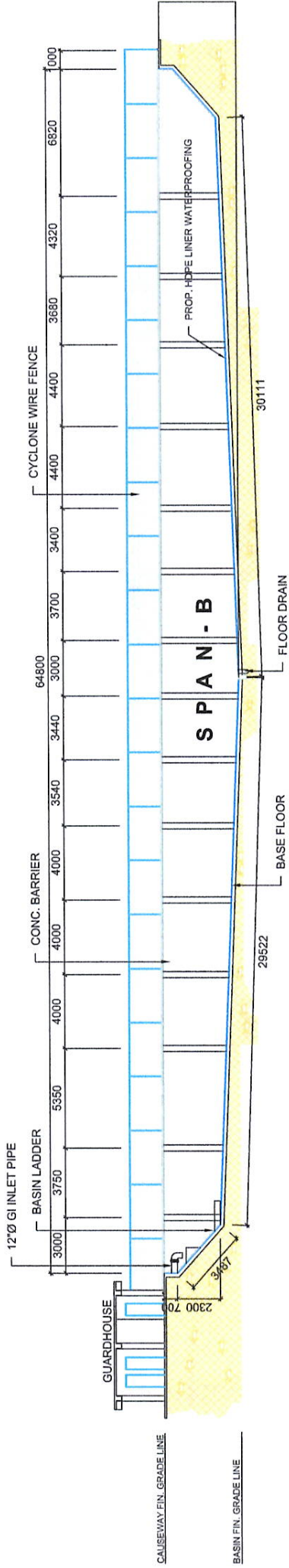


**KM RESERVOIR FLOOR PLAN**

NTS



|                                                                                       |                                                                                                                                                            |                                                                                                                                                                    |                                                                                                                                                |                                                                                                                  |                                     |                 |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------|
|  | PREPARED BY:<br>ANTHONY P. PASICOLAN<br>ENGINEER II - F&D SECTION                                                                                          | REVIEWED BY:<br><br>EDMUNDO O. LLANES<br>PROJECT & DESIGN SUPERVISOR          | APPROVED BY:<br><br>SALVADOR M. ROYECA<br>GENERAL MANAGER | PROJECT TITLE AND LOCATION:<br>PROPOSED WATERPROOFING OF KM 8 RESERVOIR<br>(INSTALLATION OF 2MM THK. HDPE LINER) | SHEET CONTENTS:<br>BASIN FLOOR PLAN | SHEET NO.:<br>2 |
|                                                                                       | CHECKED BY:<br><br>JANET LALLANGOOD<br>QC PLANNING SECTION SUPERVISOR | RECO. APPROVAL BY:<br><br>REYNALDO C. JAYCO<br>QC PLANNING SECTION SUPERVISOR |                                                                                                                                                | SANTO TOMAS ROAD, DONTOGAN, BAGUIO CITY                                                                          |                                     | 5               |



PREPARED BY: ANTHONY C. PASICOLAN  
 CHECKED BY: JANEL J. BAYANGOOD  
 PROJECT ENGINEER

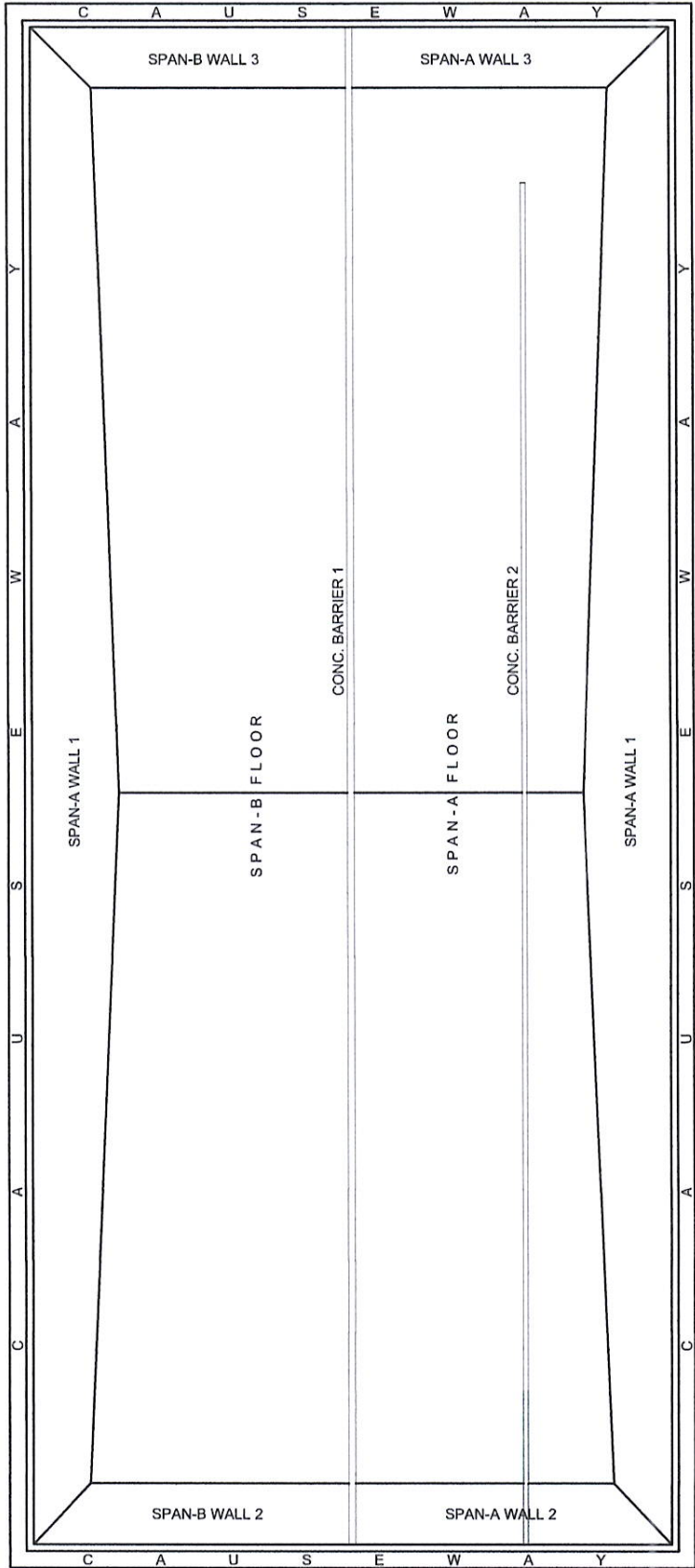
REVIEWED BY: EDUARDO O. LLANES  
 PROJECT ENGINEER  
 RECD. APPROVAL BY: REYNALDO C. JAYCO  
 PROJECT ENGINEER

APPROVED BY: SALVADOR M. ROYCEA  
 GENERAL MANAGER

PROJECT TITLE AND LOCATION:  
 PROPOSED WATERPROOFING OF KM 8 RESERVOIR  
 (INSTALLATION OF 2MM THK. HDPE LINER)  
 SANTO TOMAS ROAD, DONTOGAN, BAGUIO CITY

SHEET CONTENTS:  
 SECTION A-A  
 SECTION B-B

SHEET NO.:  
 3  
 5



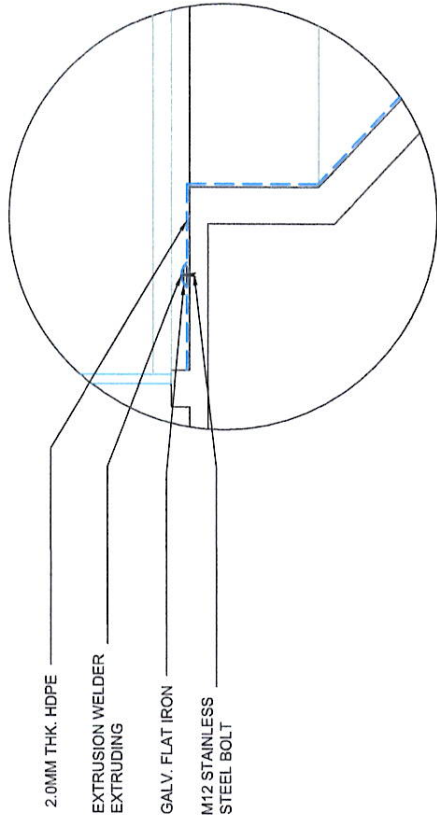
| TABLE 1: TECHNICAL DESCRIPTION |                  |
|--------------------------------|------------------|
| PART                           | SURFACE AREA, m² |
| SPAN-A                         |                  |
| FLOOR                          | 594.57           |
| WALL 1                         | 310.75           |
| WALL 2                         | 50.38            |
| WALL 3                         | 51.62            |
| CONC. BARRIER 1                | 221.2            |
| CONC. BARRIER 2                | 392.15           |
| SPAN-B                         |                  |
| FLOOR                          | 609.58           |
| WALL 1                         | 310.75           |
| WALL 2                         | 51.40            |
| WALL 3                         | 51.40            |
| CONC. BARRIER 1                | 221.2            |
| TOTAL                          | 2865             |

APPLICATION OF WATERPROOFING (KEY PLAN)

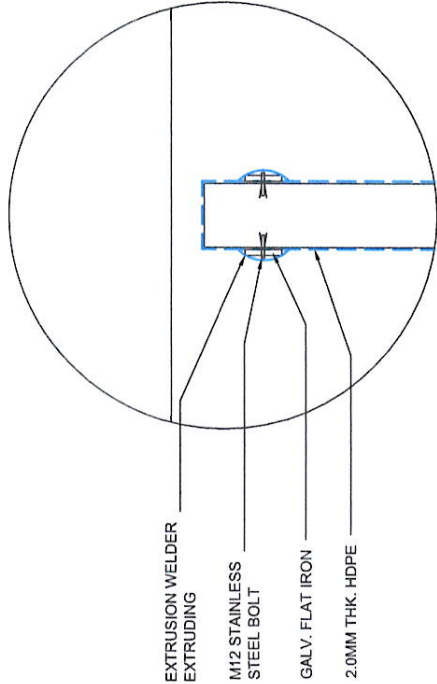


SCALE

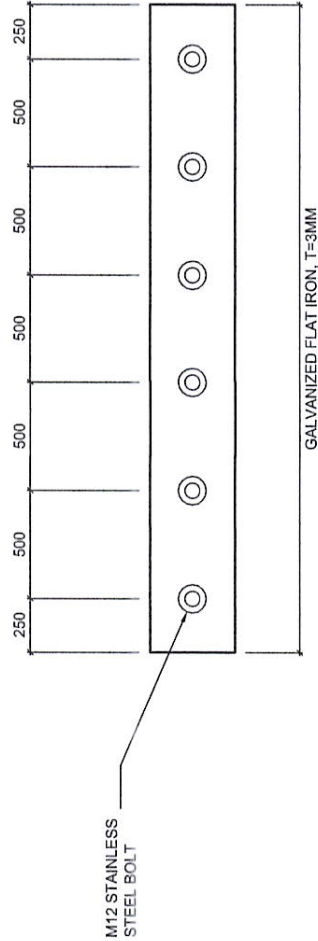
|                                                                     |                                                                            |                                                                                                                                                |                                                                                                                                                             |                 |
|---------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| PREPARED BY:<br>ANTHONY C. PASICOLAN<br>ENGINEER B - FID SECTION    | REVIEWED BY:<br>EDUARDO Q. LILANES<br>PROJECTS ACCOUNTING DIVISION MANAGER | APPROVED BY:<br><br>SALVADOR M. ROYECA<br>GENERAL MANAGER | PROJECT TITLE AND LOCATION:<br>PROPOSED WATERPROOFING OF KM 8 RESERVOIR<br>(INSTALLATION OF 2MM THK. HDPE LINER)<br>SANTO TOMAS ROAD, DONTOGAN, BAGUIO CITY | SHEET NO.:<br>4 |
| CHECKED BY:<br>JANEL J. BALANGOOD<br>OC - PLANNING & DESIGN SECTION | RECO. APPROVAL BY:<br>REYNALDO C. JAYCO<br>OC - PLANNING & DESIGN SECTION  |                                                                                                                                                |                                                                                                                                                             | 5               |



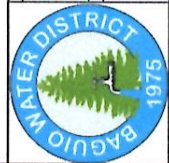
**BASIN ANCHORING**  
SCALE  
NTS



**CONCRETE BARRIER ANCHORING**  
SCALE  
NTS



**TYP. FASTENING SYSTEM**  
SCALE  
NTS



|                                                               |                                                               |                                       |                                                                                   |                                                                        |            |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------|------------|
| PREPARED BY:                                                  | REVIEWED BY:                                                  | APPROVED BY:                          | PROJECT TITLE AND LOCATION:                                                       | SHEET CONTENTS:                                                        | SHEET NO.: |
| ANTHONY C. PASICOLAN<br>ENGINEER IN CHARGE                    | EDMUNDO Q. LLANES<br>PROJECTS & CONSTRUCTION DIVISION MANAGER | SALVADOR M. ROYECA<br>GENERAL MANAGER | PROPOSED WATERPROOFING OF KM 8 RESERVOIR<br>(INSTALLATION OF 2MM THK. HDPE LINER) | BASIN ANCHORING<br>CONCRETE BARRIER ANCHORING<br>TYP. FASTENING SYSTEM | 5          |
| CHECKED BY:                                                   | RECO. APPROVAL BY:                                            |                                       |                                                                                   |                                                                        | 5          |
| JANEL J. BALANGCOO<br>DC PLANNING & DESIGN SECTION SUPERVISOR | REYNALDO C. JAYCO<br>DC ASM FOR TECHNICAL OPERATIONS          |                                       | SANTO TOMAS ROAD, DONTOGAN, BAGUIO CITY                                           |                                                                        |            |