

| Rev | Description |
|-----|------------------|
| 1 | LINE 1 LINE 2 |
| 2 | |
| 3 | |

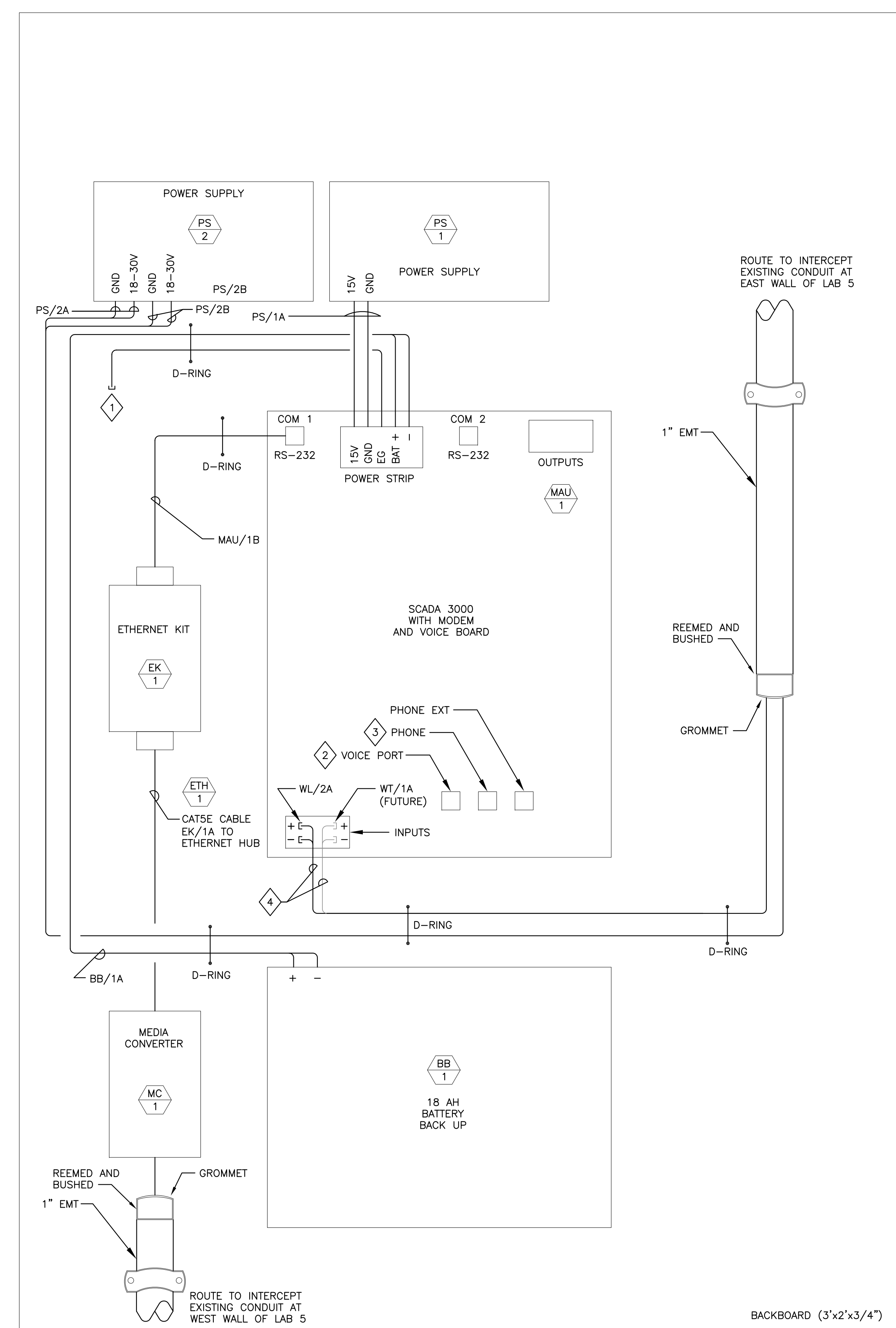
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|-----------------|----------------|
| Date | 09-09-2009 |
| Project No. | 202601 |
| Project Mgr. | Brad Druktenis |
| Designer | WGL |
| Checked | TEQ |
| Approved | BD |
| Facility No. | 722 |
| Records/OPD No. | - |
| Bldg I.D. | - |

GENERAL NOTES:

1. PROPERLY GROUND AND BOND EQUIPMENT IN ACCORDANCE WITH THE 2008 NEC.

SHEET NOTES:

1. EQUIPMENT GROUNDING CONDUCTOR. CONNECT TO BUILDING GROUND BUSBAR PER 2008 NEC 250.130. REFERENCE DETAIL 1, SHEET E2.01.
2. OWNER PROVIDED PHONE REQUIRED FOR USE OF VOICE PORT TO RECORD MESSAGES.
3. CONNECT TO TELEPHONE NETWORK WITH TELEPHONE CABLE MAU/1A.
4. CONNECT CABLE SHIELD TO THE EARTH GROUND PIN ON THE UNIT.
5. PROVIDE FITTINGS AND COMPONENTS TO ROUTE NEW 2" PVC CONDUIT OUTSIDE THE WATER TANK FROM NEMA 4X ELECTRICAL JUNCTION BOX TO INTERCEPT THE EXISTING DATA CONDUIT AND SEAL CONNECTIONS.
6. INSTALL WATER LEVEL SENSOR, PER MANUFACTURER INSTRUCTIONS. PROVIDE NEMA 4X ENCLOSURES FOR CONNECTIONS AND CONDUIT.
7. CONNECT WIRE LEADS (WL/1A) FROM WATER LEVEL SENSOR (WL/1) TO VISUAL ALARM (VA/1) SPECIFIED BY OWNER. CONNECT WIRE LEADS (WL/2A) FROM WATER LEVEL SENSOR (WL/2) WITH POWER SUPPLY CABLES PS/2A, PS/2B AND ROUTE THROUGH NEW AND EXISTING 2" DATA CONDUIT TO THE MONITORING ALARM UNIT (MAU/1) IN THE NW OFFICE OF LAB 5.
8. VISUAL AND LOW WATER ALARM LEVELS TO BE DETERMINED IN THE FIELD WITH THE OWNER.



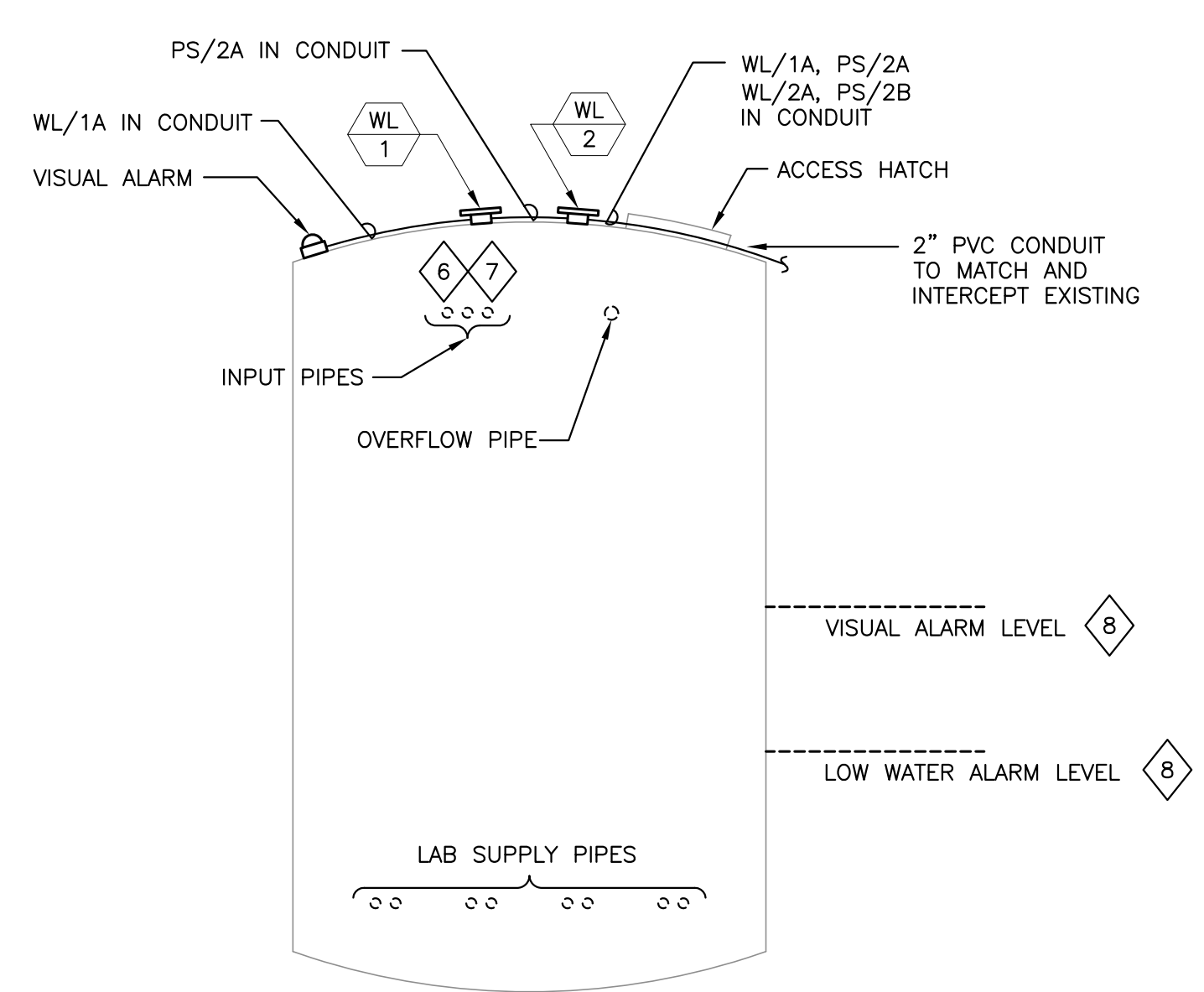
1 MONITORING EQUIPMENT ARRANGEMENT

SCALE: NONE



2 HOLDING TANK

SCALE: NONE



3 WATER LEVEL SENSOR INSTALLATION

SCALE: NONE