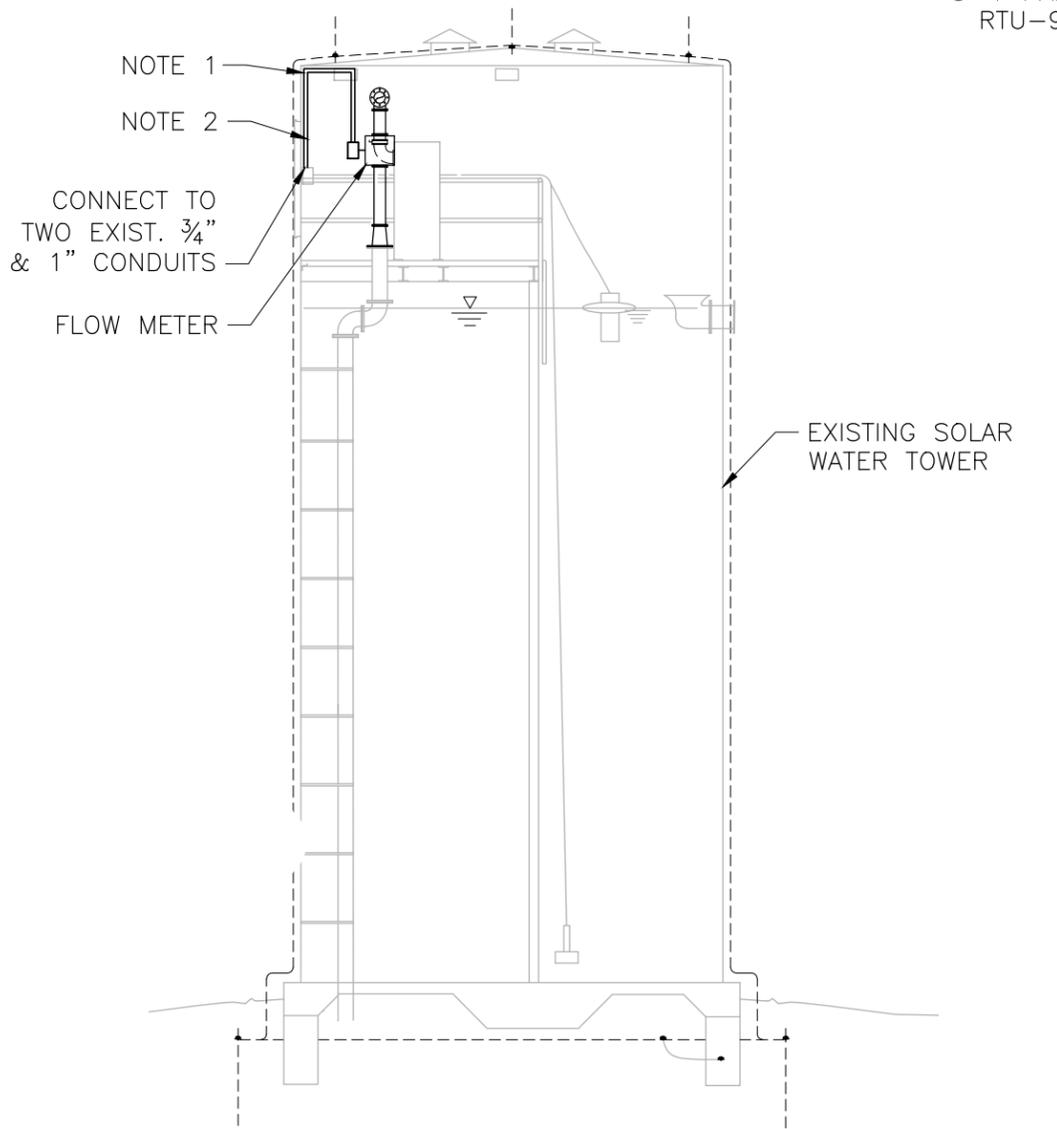
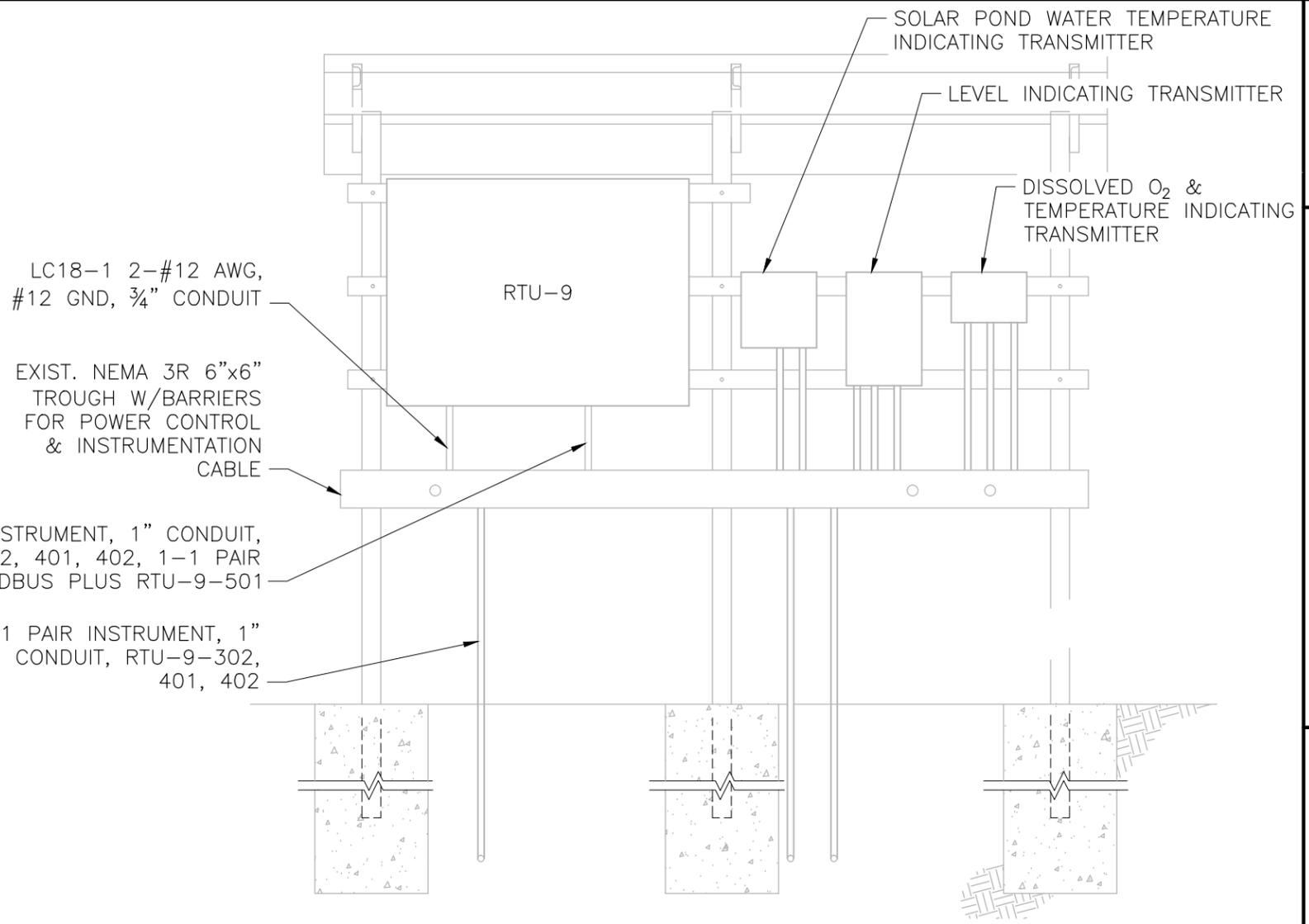


1 SOLAR WATER TOWER - PLAN
SCALE: 1/4" = 1'-0"



2 SOLAR WATER TOWER - SECTION
SCALE: 1/8" = 1'-0"



3 EXISTING SOLAR WATER TOWER MONITORING SYSTEM
SCALE: 1/2" = 1'-0"

GENERAL NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL A BELDEN CAT. #5202F1 IN A 3/4" RIGID STEEL CONDUIT TO FLOW METER. CONTRACTOR SHALL CONNECT NEW CONDUIT TO EXISTING CONDUIT AND ROUTE NEW BELDEN CABLE TO EXISTING REMOTE TERMINAL UNIT RTU-9 AT GROUND LEVEL AND TERMINATE TO TERMINALS INDICATED BY OWNER. CONTRACTOR SHALL USE CAST ALUMINUM BOXES OR FITTINGS TO MAKE CONNECTION TO EXISTING CONDUIT.
2. CONTRACTOR SHALL FURNISH AND INSTALL 1-#12 AWG, #12 NEUTRAL, #12 GROUND IN A 3/4" RIGID STEEL CONDUIT TO FLOW METER. CONTRACTOR SHALL CONNECT NEW CONDUIT TO EXISTING CONDUIT AND ROUTE NEW CONDUCTORS TO CIRCUIT FOR INSTRUMENTATION FROM EXISTING LOAD CENTER LC-18 FOUND IN EXISTING 6"x6" TROUGH AT BASE OF TOWER AND CONNECT TO CIRCUIT. CONTRACTOR SHALL USE CAST ALUMINUM BOXES OR FITTINGS TO MAKE CONNECTION TO EXISTING CONDUIT.



JEFFREY D. KRUMM
ELECTRICAL ENGINEER
E-27490

LOST VALLEY FISH
HATCHERY

FLOW METER FOR
AMBIENT WATER
SUPPLY TOWER

BENTON COUNTY

MARK	DATE	DESCRIPTION
0	9/14/12	ISSUED
		ISSUE

PROJECT NO: **89-30-34**
CAD DWG FILE: 89-30-34_E-SP-01.dwg
DRAWN BY: JMT
DESIGNED BY: JDK
CHECKED BY: HDT
SHEET TITLE

**SOLAR
WATER
TOWER
ELECTRICAL**

E-101
SHEET 3 OF 3

Path and filename: N:\Projects\89-30\89-30-34\Drawings\Electrical\89-30-34_E-SP-01.dwg Printed on: 10/03/12 1:26 PM by Mike Tuler