THREE LINE AND CONTROL
SQUARE D AT S48 SOFT STARTER PUMPS/WELLS

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

D.D.M. APR. 11
M.H.L. APR. 05
REVISION DATE

APPROVED

WARREN HUANG, P.E. RCE 49208

DATE 07/04/2019

DRAWING NUMBER
SBMWD
W11.1

NOTES:
1. RELAYS ARE TO BE MINIMUM 3 POLE TYPE.
2. TOSHIBA VACUUM CONTACTORS ARE TO BE USED IN 100 AND
HIGHER HORSEPOWERS.
3. TIMING RELAYS ARE TO BE OMRON "HCR" SERIES.
4. SOFT STARTERS ARE TO BE SQUARE D, CULPER/HAMMER OR
ALLEN BRADLEY ONLY.
5. H-O-A TO BE ALLEN/BRADLEY KEYED SWITCH.
6. ASSEMBLED SOFT-STARTER PANELS BY MANUFACTURER
APPROVED VENDORS ONLY.
7. ASSEMBLED SOFT-STARTER PANELS MUST HAVE UL508A LABEL.

REVISED DATE: 4/11/2011