PLOT DATE: Monday, January 25, 2016 2:36:26 PM  $\Box$ 1. CODES AND MARCH SOLD THE MAN CONTROL REPORT OF THE MAN CONTROL REPO STANDBY GENERATOR SYSTEM: SOLID STATE-REDUCED VOLTAGE MOTOR STARTER: CODES AND MATERIALS: ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH NEMA IEC 947 AND NETA STD ATS.

SUBMITTALS: PROVIDE CATALOG SHEETS SHOWING VOLTAGE, CONTROLLER SIZE, RATINGS AND SIZE OF SWITCHING AND OVERCURRENT PROTECTIVE DEVICES, SHORT CIRCUIT RATINGS, DIMENSIONS, AND ENCLOSURE DETAILS.

SOLID STATE—REDUCED VOLTAGE MOTOR STARTER REQUIREMENTS:

O. SOLID STATE—REDUCED VOLTAGE MOTOR STARTER: ENCLOSED CONTROLLER SUITABLE FOR OPERATION IN THE INDICATED LOADS, IN CONFORMANCE WITH REQUIREMENTS OF NEMA IEC 947.

b. ENCLOSURES: PROVIDE ENCLOSURES PER MANUFACTURER RECOMMENDATIONS.

INSTALL IN ACCORDANCE WITH NEMA IEC 947 AND MANUFACTURER'S INSTRUCTIONS.

b. SELECT AND INSTALL OVERLOAD HEATER ELEMENTS IN MOTOR CONTROLLERS TO MATCH INSTALLED MOTOR CHARACTERISTICS.

c. PROVIDE ENGRAVED PLASTIC NAMEPLATE.

d. NEATLY TYPE LABEL INSIDE EACH MOTOR CONTROLLER DOOR IDENTIFYING MOTOR SERVED, NAMEPLATE HORSEPOWER, FULL LOAD AMPERES, CODE LETTER, SERVICE FACTOR, AND VOLTAGE/PHASE RATING; PLACE IN CLEAR PLASTIC HOLDER.

e. COORDINATE OPERATION WITH MOTORS PROVIDED AND CONTROL EQUIPMENT PROVIDED. ALL INST, MANU, b. SELECT CONTRO c. PROVID d. NEATL IDEN<sup>7</sup> AMP RA<sup>7</sup> REFER TO THE WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS, LATEST EDITION FOR ADDITIONAL REQUIREMENTS NOT HEREIN SPECIFIED. CONTRACTOR RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS THAT BE APPLICABLE TO THE WORK. OWED.

OWED.

IL ONLY

EWS ONLY

BLACK FOR CONDUCTORS.

FOR ALL GROUNDS.

RMINALS SHALL HAVE PRE—PRINTED
FOR EACH TERMINAL.

ERS NOT ALLOWED.

END BARRIERS, DIVIDERS,

JUMPERS, AND SNAP—IN

SAME MANUFACTURER CH-SCREEN ONLY.
FOR ADVANCED HISTORICAL
EEN SECURITY.
MONOCHROME PASSIVE MATRIX
SUPER-TWIST NEMATIC (FSTN).
PROVIDED WITH ETHERNET/IP AND
FION PORTS.

WE A 5-YEAR BATTERY-BACKED VAC RMS MAXIMUM 5 VOLTS MAX DUNTING ONLY TS, 10 AMP AC/DC HROUGH INDIVIDUALLY FUSED ONTROL SYSTEM PANELS NLY STANDARD DUTY LOADS "G"TYPE INRUSH CURRENT. DE LY OR ON 120 V POWER FEEDS TO ATION OF POWER ON COIL NO VOLTS AC/DC MAX
WIDE OR 50 TERMINALS PER
HIGH-DENSITY OR DOUBLE STACK TERNAL FUSE OR EXTERNAL EAKER.
INTERNAL FUSE OR EXTERNAL EAKER. FERRED. PANEL-MOUNT MINUS 0.5 PERCENT, NO LOAD E, LINEAR POWER PHASE, 60 HZ REAKERS FOR ALL CONTROL N ON 4-20mA INPUTS FEED-THROUGH TERMINAL EATER THAN 0.1 PERCENT AT POWERED BY 85-264 VAC, PANELVIEW PLUS 600 HUMAN TERMINAL, OR APPROVED THERMAL MAGNETIC DC AT STANDARD TRIP 30 VOLTS DC mA MAX NO HIGH DENSITY OR THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND ARE INTENDED TO SHOW THE REPORTED LOCATION OF THE WORK AND SIGNIFICANT CHANGES MADE DURING CONSTRUCTION. THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION HAS NOT BEEN FIELD VERIFIED BY AECOM AND THEREFORE AECOM DISCLAIMS RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT, AND FURTHER, AECOM CANNOT AND DOES NOT MAKE OR OFFER ANY WARRANTIES, EITHER EXPRESS OR IMPLIED, AS TO THE ACCURACY OF THESE RECORD DOCUMENTS. SEE "RECORD DOCUMENTS' STAMP" CONDITIONS OF USE. RECORD DOCUMENTS 5 SHEET G001 FOR ADDITIONAL RENOVATION OF CLEARBROOK LIFT STATION AECOM 10 S. JEFFERSON STREET SUITE 1600 ROANOKE, VIRGINIA 24011 (540) 857-3100 **AECOM** G004 WCH **SPECIFICATIONS** IPC WCH AS-BUILT REVISIONS PER E C PACE & CO., INC. MADE BY CHECKED DESCRIPTION REVISIONS

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