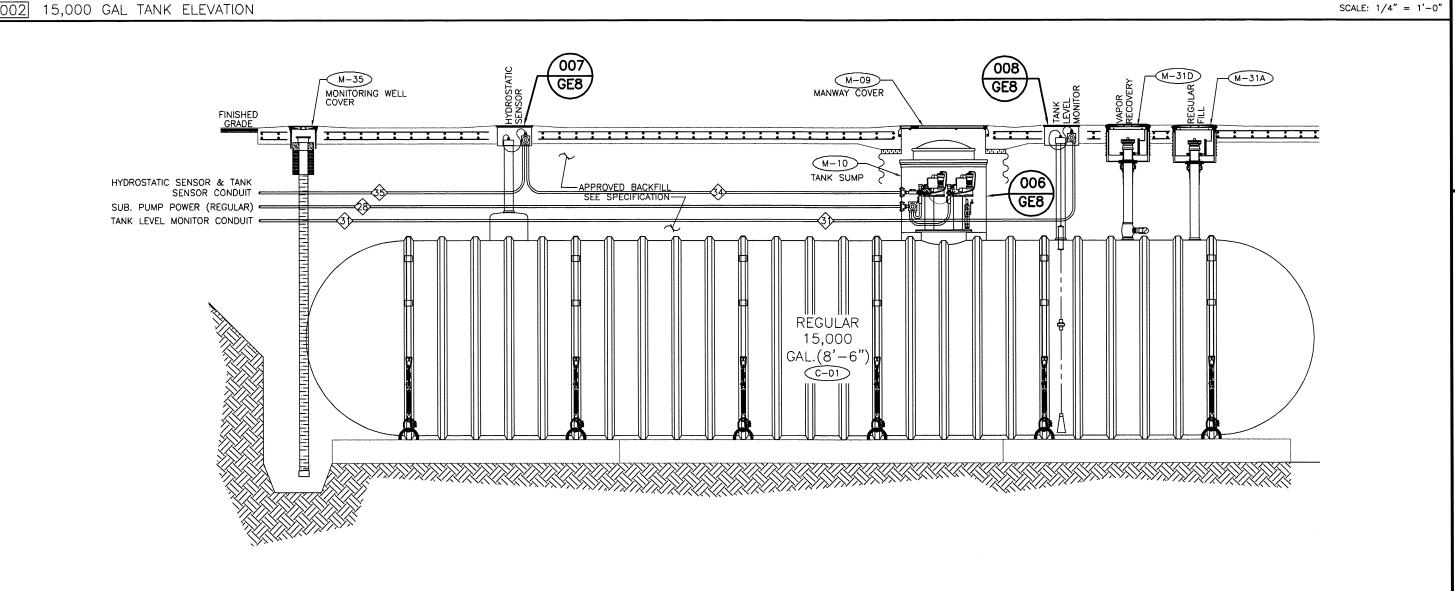


SCALE: 1/4" = 1'-0"

SCALE: N.T.S

| CONDUIT SCHEDULE   |                 |   |             |  |                    |                                       |  |
|--|-----------------|---|-------------|--|--------------------|---------------------------------------|--|
| INDIVIDUAL CONDUIT RUNS  |                 |   |             | INDIVIDUAL CONDUIT RUNS                      |                    |                                       |  |
| No. <u>USE</u>   | CONDUIT<br>SIZE | WIRE<br>SIZE                              | No.         | USE  | CONDUIT<br>SIZE    | WIRE<br>SIZE                          |  |
| DISPENSER APRON  |                 |   |             | TANK FARM                                    |                    |                                       |  |
| ) - DISPENSER SUMP SENSOR - HOME RUN   | (1" Ø)          | 4PR. #18 AWG<br>INDIVIDUALLY SHIELDED     | <b>(28)</b> | - SUBMERSIBLE PUMP (REGULAR)                 | (1" Ø)             | 8C, #10 AWG THHN                      |  |
| - DISPENSER SUMP SENSOR - IN LINE  | (1" ø)          | 4PR. #18 AWG<br>INDIVIDUALLY SHIELDED     | 29          | - SUBMERSIBLE PUMP (PREMIUM)                 | (1" Ø)             | 8C, #10 AWG THHN                      |  |
| - DISPENSER NO. 1 POWER / DATA - HOME RU - DISPENSER NO. 2 POWER / DATA - HOME RU  | N (1" Ø)        | 8C, #12 AWG THHN                          | 30          | - SUBMERSIBLE PUMP (DIESEL)                  | (1" ø)             | 8C, #10 AWG THHN                      |  |
| - DISPENSER NO. 2 POWER / DATA - HOME RU   | N (1" Ø)        | 8C, #12 AWG THHN                          | 3>          | - TANK LEVEL MONITOR (REGULAR TANK)          | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| - DISPENSER NO. 3 POWER / DATA - HOME RU   | N (1" ø)        | 8C, #12 AWG THHN                          | <b>(32)</b> | - TANK LEVEL MONITOR (PREMIUM COMPARTMENT)   | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| 6 - DISPENSER NO. 4 POWER / DATA - HOME RU   | N (1" ø)        | 8C, #12 AWG THHN                          | <b>(33)</b> | - TANK LEVEL MONITOR (DIESEL COMPARTMENT)    | (1" ø)             | 8C, #12 AWG THHN                      |  |
| - DISPENSER NO. 3 POWER / DATA - HOME RU - DISPENSER NO. 4 POWER / DATA - HOME RU - DISPENSER NO. 5 POWER / DATA - HOME RU   | N (1" ø)        | 8C, #12 AWG THHN                          | <b>\$</b>   | - TANK SUMP SENSORS                          | (1" Ø)             | 4PR. #18 AWG<br>INDIVIDUALLY SHIELDED |  |
| B - DISPENSER NO. 6 POWER / DATA - HOME RU   | N (1" Ø)        | 8C, #12 AWG THHN                          | <b>(35)</b> | - INTERSTITIAL SENSORS                       | (1" Ø)             | 4PR. #18 AWG<br>INDIVIDUALLY SHIELDED |  |
| BA - DISPENSER NO. 6 POWER / DATA - HOME RU BB - DISPENSER NO. 7 POWER / DATA - HOME RU BB - DISPENSER NO. 8 POWER / DATA - HOME RU DISPENSER NO. 1 SPARE / (CAT5) - HOME RU DISPENSER NO. 2 SPARE / (CAT5) - HOME RU DISPENSER NO. 3 SPARE / (CAT5) - HOME RU DISPENSER NO. 4 SPARE / (CAT5) - HOME RU DISPENSER NO. 5 SPARE / (CAT5) - HOME RU DISPENSER NO. 6 SPARE / (CAT | N (1" ø)        | 8C, #12 AWG THHN                          | <b>49</b>   |  | _                  |                                       |  |
| BB - DISPENSER NO. 8 POWER / DATA - HOME RU  |                 | 8C, #12 AWG THHN                          | <b>(3)</b>  |  | _                  | -                                     |  |
| - DISPENSER NO. 1 SPARE / (CAT5) - HOME R  | UN (1" ø)       | (1/4" PULL ROPE)                          | <b>(3)</b>  |  | _                  | _                                     |  |
| - DISPENSER NO. 2 SPARE / (CAT5) - HOME R  |                 | (1/4" PULL ROPE)                          | <b>(39)</b> |  | _                  | _                                     |  |
| - DISPENSER NO. 3 SPARE / (CAT5) - HOME R  |                 | (1/4" PULL ROPE)                          | 40          | - OVERFILL ALARM                             | (1" ø)             | (1/4" PULL ROPE)                      |  |
| DISPENSER NO. 4 SPARE / (CAT5) - HOME R  |                 | (1/4" PULL ROPE)                          | 41          | - OVERFILL ALARM ACKNOWLEDGEMENT SWITCH      | (1" ø <del>)</del> | (1/4" PULL ROPE)                      |  |
| - DISPENSER NO. 5 SPARE / (CAT5) - HOME R  |                 | (1/4" PULL ROPE)                          | 42          |  | _                  | -                                     |  |
| - DISPENSER NO. 6 SPARE / (CATS) - HOME R  | UN (1" Ø)       | (1/4" PULL ROPE)                          | 43          |  | _                  | -                                     |  |
| - DISPENSER NO. 7 SPARE / (CAT5) - HOME R  | :UN (1" Ø)      | (1/4" PULL ROPE)                          | <b>(4)</b>  |  | _                  | _                                     |  |
| - DISPENSER NO. 7 SPARE / (CAT5) - HOME R - DISPENSER NO. 8 SPARE / (CAT5) - HOME R - DISPENSER INTERCOM - HOME RUN  | run (1" ø)      | (1/4" PULL ROPE)                          | 45          | - DISPENSER NO. 7 POWER / DATA - HOME RUN    | (1" ø)             | 8C, #12 AWG THHN                      |  |
| 5 - DISPENSER INTERCOM - HOME RUN  | (1" Ø)          | 4PR. #18 AWG UNSHIE-<br>LDED TWISTED PAIR |             | - DISPENSER NO. 8 POWER / DATA - HOME RUN    | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| - DISPENSER INTERCOM - IN LINE   | (1" Ø)          | 4PR. #18 AWG UNSHIE-<br>LDED TWISTED PAIR | - V         | - DISPENSER NO. 9 POWER / DATA - HOME RUN    | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| - CANOPY LIGHTING - HOME RUN   | (1" Ø)          | 12C, #12 AWG THHN                         | 48          | - DISPENSER NO. 10 POWER / DATA - HOME RUN   | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| X  | (1" Ø)          | (1/4" PULL ROPE)                          | 49          | - DISPENSER NO. 11 POWER / DATA - HOME RUN   | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| - FIRE SUPPRESSION - HOME RUN - CANOPY CAMERA - HOME RUN   | (1" Ø)          | 12C, #12 AWG THHN                         | 50          | - DISPENSER NO. 12 POWER / DATA - HOME RUN   | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| - SPARE - HOME RUN   | (1" ø)          | (1/4" PULL ROPE)                          | <b>(5)</b>  | - DISPENSER NO. 13 POWER / DATA - HOME RUN   | (1" Ø)             | 8C, #12 AWG THHN                      |  |
| -  | _               | _   | <b>\$2</b>  | - DISPENSER NO. 7 SPARE / (CAT5) - HOME RUN  | (1" Ø)             | (1/4" PULL ROPE)                      |  |
| <b>2</b>   -   | _               | _   | <b>\$3</b>  | - DISPENSER NO. 8 SPARE / (CAT5) - HOME RUN  | (1" Ø)             | (1/4" PULL ROPE)                      |  |
| <b>3</b>   | _               | <u> </u>                                  | <b>\$</b>   | - DISPENSER NO. 9 SPARE / (CAT5) - HOME RUN  | (1" Ø)             | (1/4" PULL ROPE)                      |  |
| ×   -  | _               | _   | <b>(55)</b> | - DISPENSER NO. 10 SPARE / (CAT5) - HOME RUN | (1" Ø)             | (1/4" PULL ROPE)                      |  |
| ×   _  | _               | _   | 56          | - DISPENSER NO. 11 SPARE / (CAT5) - HOME RUN | (1" Ø)             | (1/4" PULL ROPE)                      |  |
| 2) -<br>2) -<br>2) -<br>2) -<br>2) -<br>2) -   | _               | _   | \$          | - DISPENSER NO. 12 SPARE / (CATS) - HOME RUN | (1" Ø)             | (1/4" PULL ROPE)                      |  |
| <del>*************************************</del>   | -               | _   | <b>(58)</b> | - DISPENSER NO. 13 SPARE / (CAT5) - HOME RUN | (1" Ø)             | (1/4" PULL ROPE)                      |  |
| <u> </u>   |                 |   | 12          |  |                    |                                       |  |



SCALE: 1/4" = 1'-0"

☐ SUPERSEDES ALL PREVIOUS ISSUES

☐ PRELIMINARY—NOT FOR CONSTRUCTION

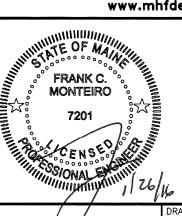
☐ APPROVED FOR CONSTRUCTION

☐ ISSUED TO:\_

006 GE8 TANK LEVEL MONITOR CONDUIT HYDROSTATIC SENSOR CONDUIT SUB. PUMP POWER (SUPER) € 29 SUPER 7,000 (GAL.) C-02 REV DATE BY REVISION REVISIONS

M-09 MANWAY COVER

MHF Design Consultants, Inc. 44 Stiles Road, Suite One Salem, New Hampshire 03079 (603) 893–0720 ENGINEERS PLANNERS • SURVEYORS www.mhfdesign.com





AS NOTED CAD FILE:3880 GE6.dwg REF-BLK:

## **IRVING OIL**

190 COMMERCE WAY PORTSMOUTH, NH 03801

393 COMMERCIAL STREET PORTLAND, MAINE

TANK ELECTRICAL LAYOUT AND DETAILS

GE6

COMPANY SUPERVISOR AND CONTRACTOR TO VERIFY ALL MEASUREMENTS ON WORK OR AT SITE. THIS DRAWING IS THE PROPERTY OF IRVING OIL LTD, AND SHALL BE RETURNED ON COMPLETION OF WORK.

003 CONDUIT SCHEDULE

11 TANK TOP AND UNDERGROUND CONDUIT ARRANGEMENT