

MONROE COUNTY, NEW YORK

ADDENDUM NO. 2

SPECIFICATIONS AND RELATED DOCUMENTS

FOR

**PIN 4755.06 (D# 032483)
MULTI-AGENCY GREEN FLEET FUELING STATION
TEMPORARY FUELING STATION
MT. READ OPERATIONS CENTER
CITY OF ROCHESTER**

MAY 2012

**Bids Due
May 25, 2012
11:00 A.M.**



Prepared By:
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Prepared For:
**Monroe County
Department of Environmental Services
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50 West Main Street, Suite 700
Rochester, New York 14167-1228**

TO ALL BIDDERS:

The following constitutes Addendum No. 2 of the Contract Documents. Each bidder shall acknowledge receipt of this Addendum on Page P-5 of the Proposal; failure to do so may subject the bidder to disqualifications.

Pages ADD 2-1 through ADD 2-4

May 18, 2012

**MULTI-AGENCY GREEN FLEET FUELING STATION
TEMPORARY FUELING STATION
MT. READ OPERATIONS CENTER
CITY OF ROCHESTER**

BID PROJECT NO. 0505-12

**ADDENDUM NO. 2
MAY 18, 2012**

BIDDERS:

This Addendum forms a part of the Contract Documents and modifies the original Documents dated May 2012. Acknowledge receipt of the Addendum in the space provided on the Proposal form; failure to do so may subject the Bidder to disqualification.

CLARIFICATION

1. In clarification, the temporary fueling tanks will be registered under the Petroleum Bulk Storage requirements for New York State Department of Environmental Conservation by Owner.
2. In clarification, the Contractor shall not be responsible for cleaning up fuel spills that are caused by the Owner and/or the Owner's personnel. Any and all spills that occur from leaks in the storage tanks, dispensers, hoses, nozzles or other associated equipment provided and maintained by the Contractor shall be the responsibility of the Contractor at no additional charge to the Owner.

I. CHANGES TO SPECIFICATIONS:

SUMMARY OF QUANTITIES

1. Page S-1 DELETE Item 625.01 "Survey Operations" in its entirety.

NOTICE TO BIDDERS

2. Page NB-2, last paragraph, DELETE in its entirety.

PROPOSAL

3. Page P-21, "Bid Sheets (Base Bid) Contract No. 1 – General Construction", DELETE "Item 625.01 Survey Operations" in its entirety.
4. Page P-23, "Bid Sheets (Base Bid) Contract No. 2 – Electrical Construction", ADD "NEC" under Item 990.03, "EST. QUANT."

SPECIAL CONDITIONS

5. Page i, Special Conditions of Contract Index, DELETE in its entirety and SUBSTITUTE THEREFOR the updated Index as attached to this Addendum No. 2.
6. Page SC-8, Article 19, "GC #71 – Inspection of Work", DELETE in its entirety.

7. Page SC-9, Article 21, “Engineer’s Field Office”, DELETE in its entirety.
8. Page SC-11, Article 24, “Schedule – See Construction Scheduling No. 23 of the General Conditions”, DELETE in its entirety, and SUBSTITUTE THEREFOR “The temporary fueling station shall be operational throughout the construction of the new permanent fueling station under separate contract and must be maintained for operation 24 hours per day, 7 days per week.”

SECTION 990.01

9. Page 990.01-3, Article 3.2.3, ADD the following sentence, “Restoration of temporary fueling area shall not include cleaning and/or replacement of pavement resulting in typical wear and tear from vehicle traffic by Owner and/or Owner’s personnel.”

SECTION 990.02

10. Page 990.02-2, Article 3.2.1.2, ADD the following sentence, “Any and all hoses, nozzle assemblies, filters, and breakaways damaged by Owner’s personnel shall be replaced by the Owner.”

II. CHANGES TO DRAWINGS

DRAWING E-2 TEMPORARY FUELING STATION - ELECTRICAL

11. Under “KEYED NOTES, FUEL ISLAND, ELECTRICAL ROOM ENLARGED DEMOLITION PLAN, NOTE 2” DELETE the last sentence, “ONCE NEW FUEL SYSTEM IS OPERATIONAL, AUTO STIK II TO BE DEMOLISHED.” in its entirety.
12. DELETE “ELECTRICAL SITE PLAN” in its entirety, and SUBSTITUTE THEREFOR Figure SK-1 “ELECTRICAL SITE PLAN” as attached to this Addendum No. 2. To clarify, all “GENERAL NOTES, ELECTRICAL SITE PLAN”, and “KEYED NOTES, ELECTRICAL SITE PLAN” are to remain, unless otherwise noted in this Addendum No. 2.
13. Under “KEYED NOTES, ELECTRICAL SITE PLAN: NOTE 1”, DELETE “EXISTING SUB PANEL” and SUBSTITUTE THEREFOR “EXISTING PANEL SS-LP1”. To clarify, the Contractor is to utilize existing panel ‘SS-LP1’ for all power requirements to temporary fueling station.
14. DELETE “ELECTRICAL SITE PLAN” and “KEYED NOTES, ELECTRICAL SITE PLAN” in its entirety, and SUBSTITUTE THEREFOR the attached “ELECTRICAL SITE PLAN” and “KEYED NOTES, ELECTRICAL SITE PLAN” as included on Figure SK-1 and SK-2 attached to this Addendum No. 2. To clarify, all GENERAL NOTES, ELECTRICAL SITE PLAN, are to remain, unless otherwise noted in this Addendum No. 2.
15. Under GENERAL NOTES, ELECTRICAL SITE PLAN: NOTE 8, ADD the following “SOOW CABLE TO BE SUITABLE FOR INDOOR AND OUTDOOR USE AS WELL AS SUITABLE FOR USE IN A CLASS I DIVISION I ENVIRONMENT.”

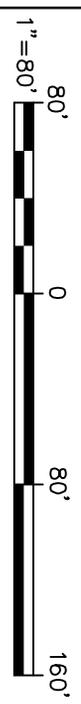
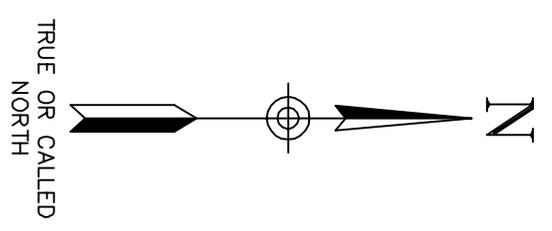
16. DELETE "FUEL ISLAND - ELECTRICAL ROOM ENLARGED PLAN", "GENERAL NOTES, FUEL ISLAND - ELECTRICAL ROOM ENLARGED PLAN", and "KEYED NOTES, FUEL ISLAND - ELECTRICAL ROOM ENLARGED PLAN" in its entirety, and SUBSTITUTE THEREFOR "FUEL ISLAND ELECTRICAL ROOM ENLARGED PLAN", "GENERAL NOTES, FUEL ISLAND ELECTRICAL ROOM ENLARGED PLAN", and "KEYED NOTES, FUEL ISLAND ELECTRICAL ROOM ENLARGED PLAN" as included on Figure SK-3 and SK-4 attached to this Addendum No. 2.
17. ADD "CONTROL SCHEMATIC", as included on Figure SK-5 attached to this Addendum No. 2. To clarify, the Contractor shall wire the relocated fuel island terminal (FIT) to the relocated PCT. The PCT will then communicate with the pumps. The FIT shall communicate wirelessly with the fuel site controller in the fuel island electrical room.

Attachments

END OF ADDENDUM NO. 2

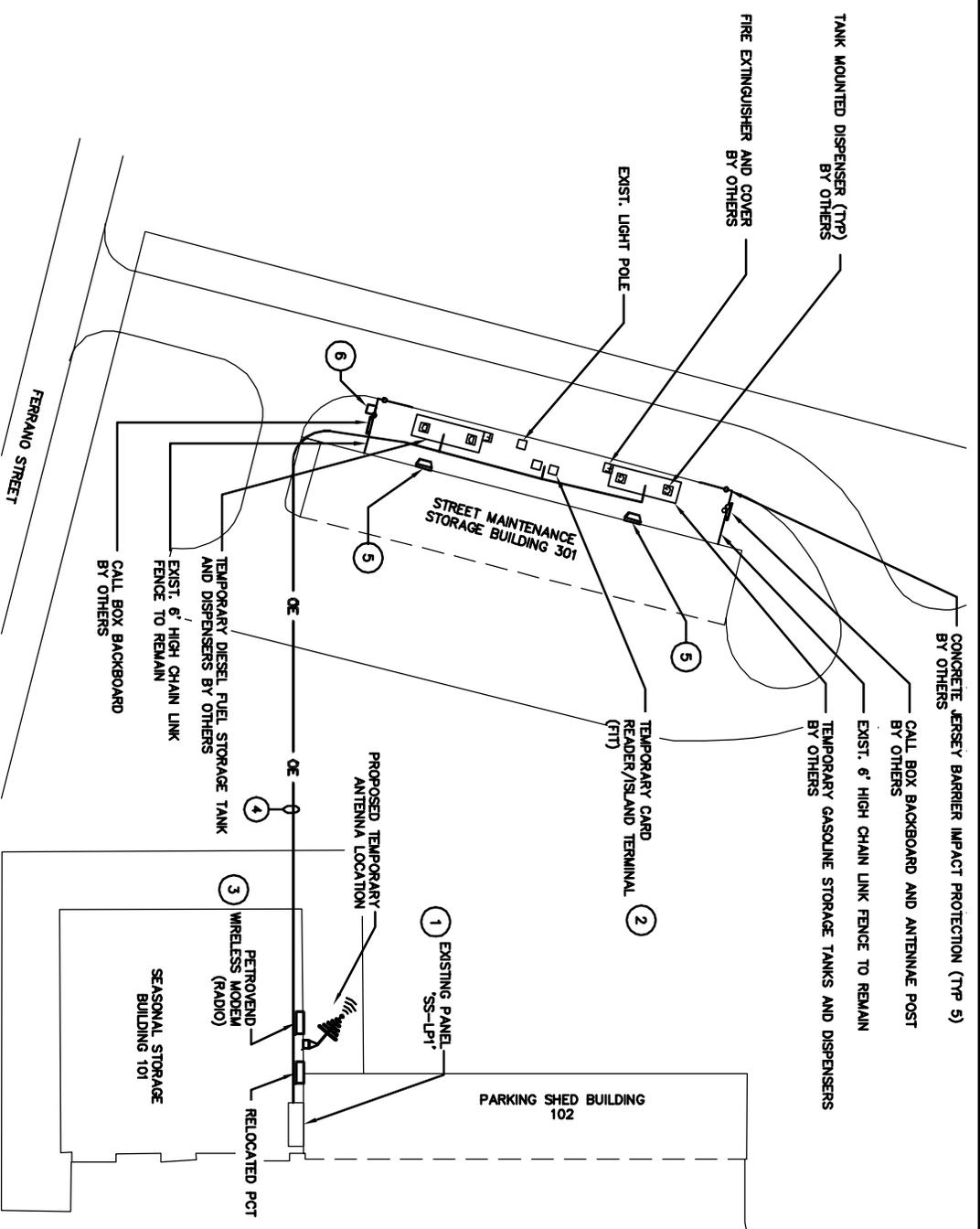
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Date
 MAY, 2012

Scale
 AS SHOWN



ELECTRICAL SITE PLAN

1" = 80'-0"

MONROE COUNTY
 MULTI-AGENCY GREEN FLEET FUELING STATION
 TEMPORARY FUELING STATION
 ELECTRICAL SITE PLAN
 CITY OF ROCHESTER

Figure Number
SK-1

Project Number
 1066.018

KEYED NOTES, ELECTRICAL SITE PLAN:

- 1 PROVIDE (2)TWO 20AMP, 1-POLE CIRCUIT BREAKERS IN EXISTING PANEL 'SS-LP1'. MATCH EXISTING TYPE AND KAIC RATING. BREAKERS TO BE USED FOR TEMPORARY RADIO/ANTENNA EQUIPMENT AND TEMPORARY CARD READER/ISLAND TERMINAL (FIT). PROVIDE ADDITIONAL BREAKERS IF REQUIRED TO POWER TEMPORARY PUMPS AND DISPENSERS. NEW BREAKERS TO BE LEFT IN SUB PANEL FOR FUTURE USE UPON TERMINATION OF THE TEMPORARY FUELING SYSTEM.
- 2 PROVIDE TEMPORARY 120V CIRCUIT TO TEMPORARY FIT FROM SEASONAL STORAGE BUILDING. USE NEW BREAKER PROVIDED IN PANEL 'SS-LP1'. RUN 2#12 & 1#12G, FOLLOWING PROPOSED ROUTING SHOWN. UTILIZE TYPE SOOW CABLE AS MANUFACTURED BY SOUTHWIRE OR APPROVED EQUAL. CARD READER IS RELOCATED BY GENERAL CONTRACTOR AND ALL WIRING/TERMINATIONS BY ELECTRICAL CONTRACTOR FOR AN OVERALL OPERABLE SYSTEM.
- 3 PROVIDE TEMPORARY 120V CIRCUIT TO RADIO EQUIPMENT FROM SEASONAL STORAGE BUILDING. USE NEW BREAKER PROVIDED IN PANEL 'SS-LP1'. RUN 2#12 & 1#12G, FOLLOWING PROPOSED ROUTING SHOWN. UTILIZE TYPE SOOW CABLE AS MANUFACTURED BY SOUTHWIRE OR APPROVED EQUAL.
- 4 ROUTE CONDUCTORS WITH GENERAL ROUTING AS SHOWN. ROUTE AS NECESSARY TO AVOID CONFLICTS WITH SITE CONDITIONS. PROVIDE WATERTIGHT PENETRATION WHEN STUBBING THROUGH SEASONAL STORAGE BUILDING 101. FOR OVERHEAD ROUTING FROM SEASONAL STORAGE BUILDING 101 TO TEMPORARY FUELING STATION SUPPORT OVERHEAD FLEX CABLE (SOOW) AT MINIMUM 15 FEET ABOVE FINISHED GRADE. UTILIZE 25' CLASS 5 SOUTHERN YELLOW PINE POLES WHERE NECESSARY TO SUPPORT WIRE. POLES TO BE DRIVEN INTO GROUND AND SET WITHOUT CONCRETE. POLES TO BE COMPLETELY REMOVED WHEN TEMPORARY STATION IS DEMOBILIZED. WIRE SHALL NOT BE DRIVEN ACROSS. TEMPORARY WIRING TO COMPLY WITH NEC. WIRE TO BE TYPE SOOW AS MANUFACTURED BY SOUTHWIRE OR APPROVED EQUAL.
- 5 EXTERIOR WALL PACK LIGHTING FIXTURE TO BE MODEL WP2-PSMH-100-MED-PC/WG-120 AS MANUFACTURED BY HE WILLIAMS OR APPROVED EQUAL. MOUNT LIGHT TO STREET MAINTENANCE STORAGE BUILDING 301 AT HEIGHT OF 15 FEET ABOVE FINISHED GRADE. CONNECT TO NEAREST UN-SWITCHED LIGHTING CIRCUIT. CONTRACTOR TO ADJUST FINAL AIMING ANGLE OF FIXTURE TO LIGHT DESIRED AREA. COORDINATE WITH OWNER.
- 6 PROVIDE MANUAL SAFETY SWITCH. LABEL AS 'EMERGENCY FUEL SHUT-OFF'. SWITCH TO BREAK 120V PHASE AND NEUTRAL TO DISPENSING EQUIPMENT BRANCH CIRCUIT. INSTALL ON WOOD POLE.



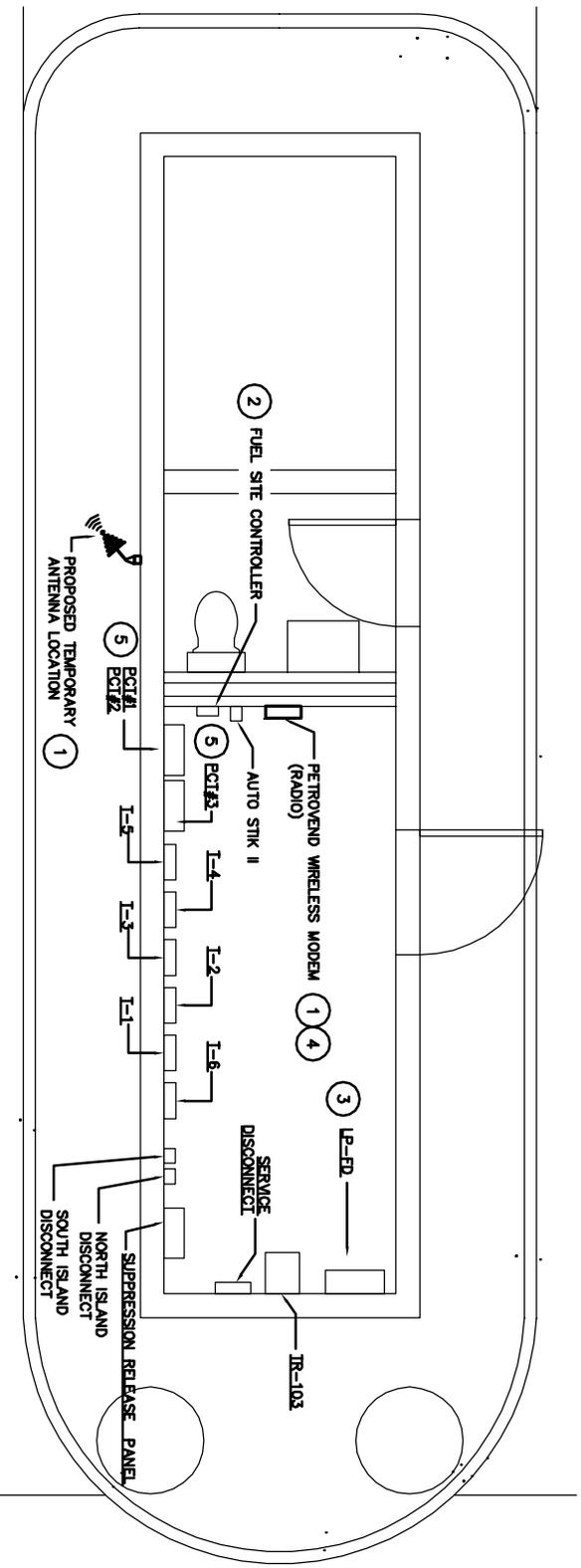
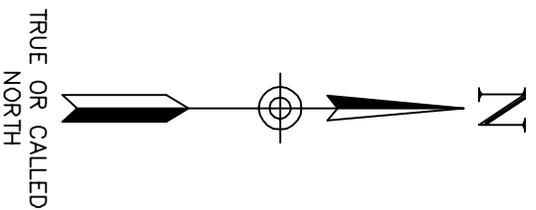
Date
MAY, 2012

Scale
AS SHOWN

MONROE COUNTY
 MULTI-AGENCY GREEN FLEET FUELING STATION
 FUEL ISLAND ELECTRICAL ROOM
 ENLARGED PLAN
 CITY OF ROCHESTER

Figure Number
SK-2

Project Number
1066.018



FUEL ISLAND ELECTRICAL ROOM ENLARGED PLAN

3/16" = 1'-0"



Date
MAY, 2012

Scale
AS SHOWN

MONROE COUNTY
 MULTI-AGENCY GREEN FLEET FUELING STATION
 FUEL ISLAND ELECTRICAL ROOM
 ENLARGED PLAN

CITY OF ROCHESTER
 MONROE COUNTY, NEW YORK

Figure Number
SK-3

Project Number
1066.018

GENERAL NOTES, FUEL ISLAND ELECTRICAL ROOM ENLARGED PLAN:

1. THE COST OF THE FOLLOWING ITEMS AND KEYED NOTES SHALL BE INCLUDED IN ITEM 990.03
2. LOCATIONS SHOWN ARE GENERAL IN NATURE, CONTRACTOR TO FIELD VERIFY.
3. CIRCUITS NOT IN AREA OF WORK THAT ARE AFFECTED BY WORK SHALL BE OPERATIONAL DURING PROJECT. PROVIDE TEMPORARY CIRCUITS AS NECESSARY.
4. PROVIDE NECESSARY GROUNDING PER NEC FOR ALL ELECTRICAL AND ASSOCIATED EQUIPMENT.
5. REFER TO SHEET SK-5 FOR ADDITIONAL REQUIREMENTS.

KEYED NOTES, FUEL ISLAND ELECTRICAL ROOM ENLARGED PLAN:

- ① PROVIDE TEMPORARY RADIO/ANTENNA EQUIPMENT AND TEMPORARY 120V POWER FORM PANEL LP-FD. RADIO/ANTENNA EQUIPMENT TO COMMUNICATE WITH RADIO/ANTENNA EQUIPMENT AT TEMPORARY FUELING STATION. SEE SHEET SK-1 FOR LOCATION OF RADIO/ANTENNA EQUIPMENT AT TEMPORARY FUELING STATION. RADIO/ANTENNA EQUIPMENT TO BE INSTALLED AND TESTED TO MAINTAIN COMMUNICATION BETWEEN EXISTING FUEL SITE CONTROLLER AND RELOCATED FUEL ISLAND TERMINAL (FIT). THIS SHALL BE TESTED PRIOR TO FIT RELOCATION TO TEMPORARY FUELING LOCATION. MOUNT TEMPORARY ANTENNA ON EXTERIOR OF BUILDING AND TEST TO VERIFY THAT TEMPORARY SYSTEM IS COMPLETE AND OPERATIONAL PRIOR TO FIT RELOCATION. FIT IS RELOCATED BY GENERAL CONTRACTOR AND MADE ELECTRICALLY SAFE BY ELECTRICAL CONTRACTOR.
- ② FUEL SITE CONTROLLER TO COMMUNICATE WITH RELOCATED FUEL ISLAND TERMINAL (FIT) THAT IS SERVICING THE TEMPORARY FUELING LOCATION.
- ③ PROVIDE POWER TO RADIO (LANDTRONICS BOX) EQUIPMENT THAT WILL BE USED TO SERVE THE TEMPORARY FUELING LOCATION. UTILIZE EXISTING CIRCUIT BREAKER THAT IS SERVICING EXISTING AUTO STIK II. CONTRACTOR TO FIELD VERIFY.
- ④ RETROVEND WIRELESS MODEM/RADIO TO BE UNLICENSED SPREAD SPECTRUM TYPE, UTILIZING EITHER 900MHZ OR 2.4GHZ. RADIO TO BE CAPABLE OF TRANSMITTING SERIAL DATA, (RS-485). COORDINATE WITH MANUFACTURERS RECOMMENDATIONS. CONTRACTOR TO FIELD VERIFY.
- ⑤ CONTRACTOR TO FIELD VERIFY WHICH PCT IS NOT BEING UTILIZED. THIS PCT IS THEN TO BE RELOCATE TO SEASONAL STORAGE BUILDING 101.



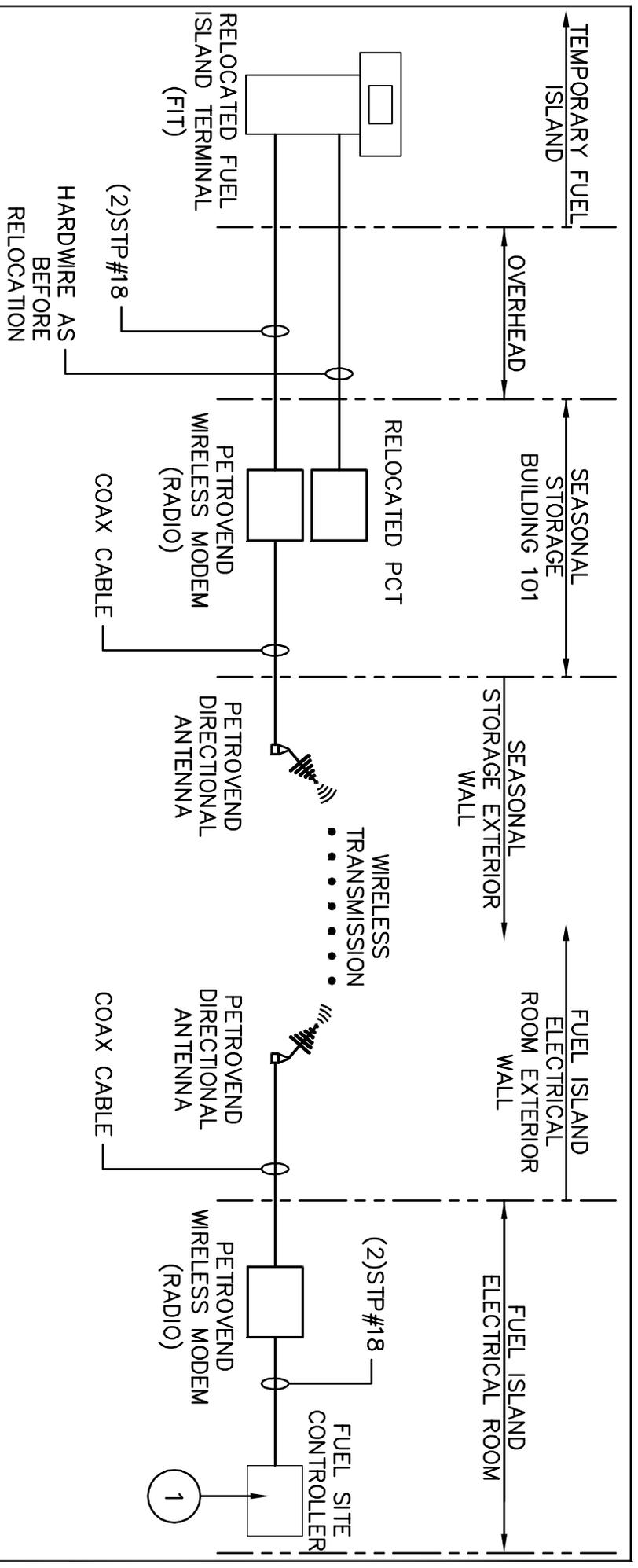
Date
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MONROE COUNTY
 MULTI-AGENCY GREEN FLEET FUELING STATION
 TEMPORARY FUELING
 CONTROL SCHEMATIC
 CITY OF ROCHESTER
 MONROE COUNTY, NEW YORK

Figure Number
SK-4

Project Number
1066.018



CONTROL SCHEMATIC

NOT TO SCALE

KEYED NOTES, CONTROL SCHEMATIC:

- 1 PROVIDE ALL NECESSARY TO CONNECT TO FUEL SITE CONTROLLER PER MANUFACTURERS RECOMMENDATIONS FOR AN OVERALL COMPLETE AND OPERABLE SYSTEM. CONTRACTOR TO FIELD VERIFY.



Date
MAY, 2012

Scale
AS SHOWN

MONROE COUNTY
 MULTI-AGENCY GREEN FLEET FUELING STATION

**TEMPORARY FUELING
 CONTROL SCHEMATIC**

CITY OF ROCHESTER
 MONROE COUNTY, NEW YORK

Figure Number
SK-5

Project Number
1066.018