

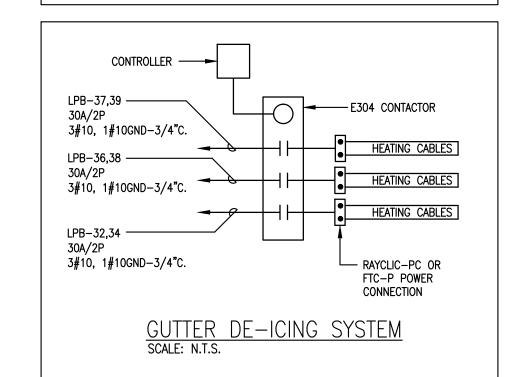
ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE TO VERIFY AND COORDINATE ALL MECHANICAL AND REFRIGERATION EQUIPMENT ELECTRICAL REQUIREMENTS PRIOR TO START INSTALLATION. ANY DISCREPANCIES SHALL BE BROUGHT UP TO THE ARCHITECT AND ELECTRICAL ENGINEER ON RECORD FOR COORDINATION.

## ICE STOP ROOF AND GUTTER DE-ICING NOTES:

- . EC SHALL PROVIDE A COMPLETE AND FUNCTIONABLE RAYCHEM DE-ICING SYSTEM CONSISTING OF PRODUCTS LISTED BELOW AND ANY OTHER NEEDED HARDWARE:
- a. HEATING CABLE: GM-2XT

SYSTEM INSTALLATION.

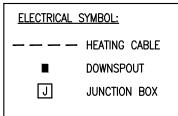
- b. HOOK CLIPS: GRM-RC c. DOWNSPOUT HANGERS: GM-RAKE (PER HEATING CABLE)
- d. AUTOMATIC MOISTURE/TEMP CONTROLLER: GIT, CIT SENSORS e. POWER CONNECTION: RAYCLIC-PC 1
- f. SPLICE CONNECTION: (IF REQUIRED) e. TEE CONNECTION: (IF REQUIRED)
- 2. EC TO PROVIDE (3) SEPARATE HEATING CABLE RUNS, REFER TO PLAN FOR EACH LENGTH OF HEAT CABLING SHOWN, HEATING CABLE IS ALSO TO RUN DOWN ALL SPOUTS AT LEAST 6" PAST THE ELBOW AND BACK UP TO THE GUTTER. SEE DETAIL
- 3. EC TO FURNISH AND INSTALL JUNCTION BOXES IN THE NEAREST HEATED ACCESSIBLE CEILING SPACE WITHIN THE INTERIOR SPACE OF THE RECEIVING/UTILITY
- 4. ADHESIVE (IF NEEDED) IS NOT PROVIDE BY RAYCHEM, EC TO PROVIDE THE PROPER ADHESIVE TO USE WITH THE DE-ICING SYSTEM.
- 5. EC TO PROVIDE (3) 30A/2P GFI CIRCUIT BREAKERS FOR HEATING CABLE POWER
- 6. EC TO LOCATE THE GIC CONTROLLER IN THE GUTTER NEAR DOWNSPOUTS. EC TO COORDINATE THE BEST LOCATION FOR THE SENSORS WITH THE OWNER FOR BEST LOCATION AND USAGE FOR THE SENSORS. EC TO COORDINATE THE FINAL LOCATION FOR THE CIT SENSORS (AERIAL SNOW SENSORS) WITH THE OWNER FOR BEST LOCATION AND USAGE FOR THE SENSOR. EC TO REFER TO RAYCHEM MANUFACTURER'S MANUALS FOR ADDITIONAL INFORMATION FOR A COMPLETE WORKING
- 7. EC TO COORDINATE LOCATION OF RELAY CONTACTOR IN THE UTILITY AREA WITH GC, PRIOR TO INSTALLATION OF CONTACTOR.

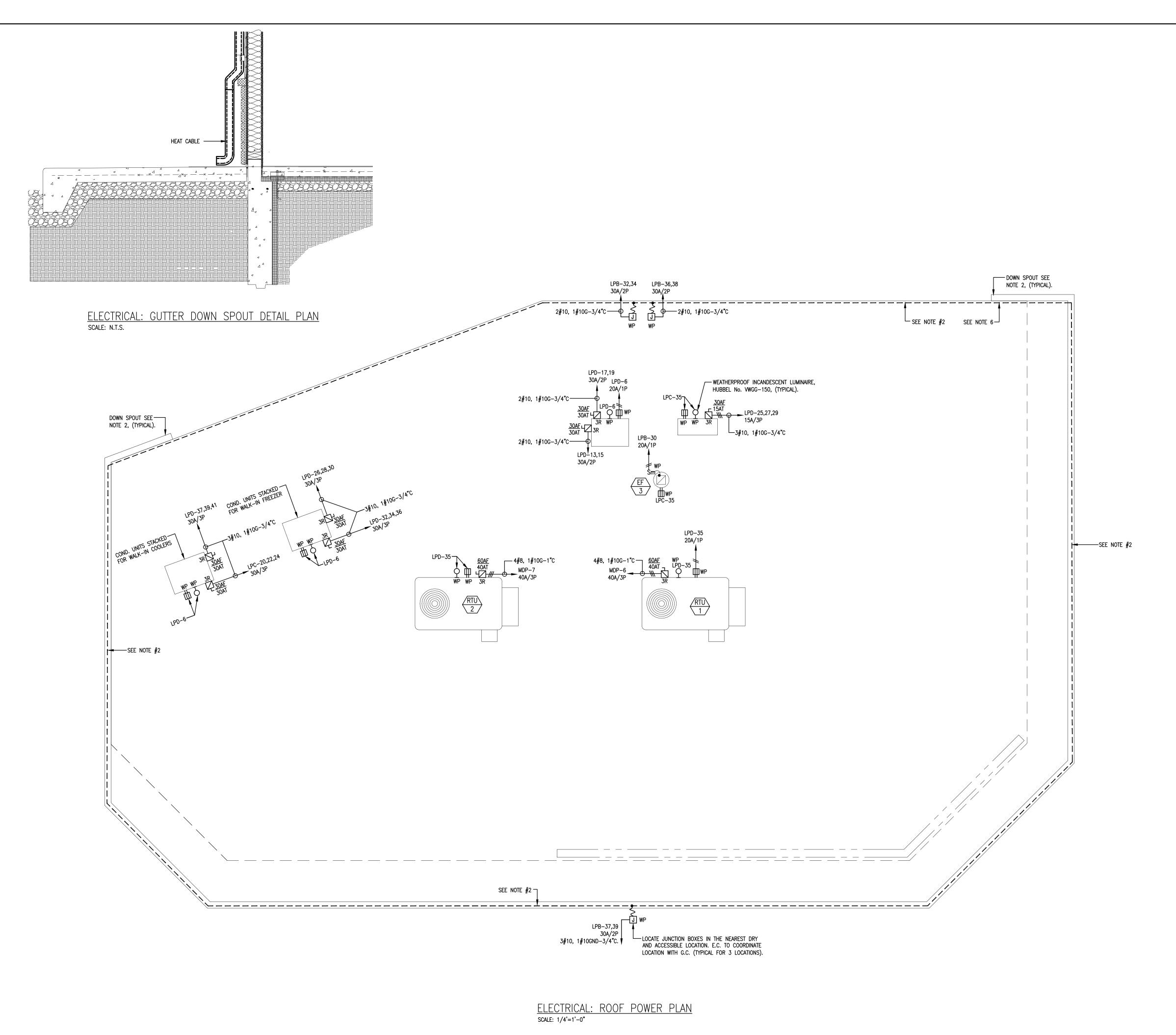


E.C. TO PROVIDE LIQUID TIGHT FLEXIBLE CONDUIT BETWEEN DISCONNECT SWITCH AND ROOF TOP UNITS, 3 FEET MAXIMUM.

E.C. SHALL COORDINATE FINAL LOCATIONS WITH THE MECHANICAL CONTRACTOR FOR ALL ROOF TOP UNITS PRIOR TO ANY ROUGH—IN WORK IS PERFORMED.

ELECTRICAL NOTE: ALL WIRING ON ROOF PLAN SHALL BE LIQUID TIGHT FLEXIBLE CONDUIT.





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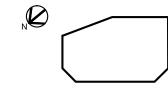


Consultant



No. Date Issued for
- 11/22/13 90% Review Set

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Key Plan		



**ELECTRICAL**: ROOF POWER PLAN, **DETAILS & NOTES** 

**Cumberland Farms** Project No. 2113119