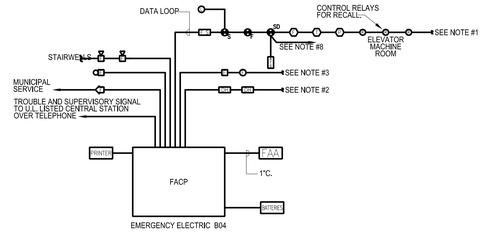
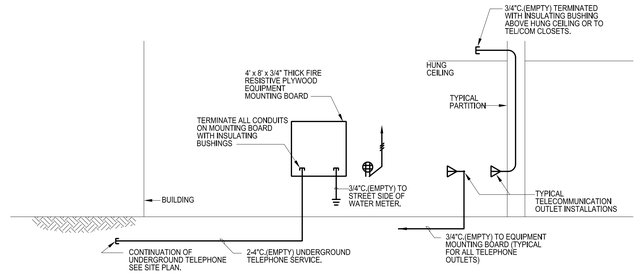



NOTES:

1. CONNECT TO REMAINING DEVICES ON DATA CABLE LOOP IN ACCORDANCE WITH EQUIPMENT SUPPLIER'S APPROVED POINT TO POINT AND DEVICE ADDRESS DIAGRAMS.
2. CONNECT TO REMAINING DOOR HOLDERS FOR DOOR RELEASE UPON ACTIVATION OF ALARM SYSTEM.
3. CONNECT TO REMAINING FIRE ALARM SIGNAL DEVICES IN ACCORDANCE WITH EQUIPMENT SUPPLIER'S APPROVED POINT TO POINT WIRING DIAGRAMS. PROVIDE TWO CIRCUITS EACH FOR AUDIO/VISUAL SIGNALS PER FLOOR. SIGNALS SHALL BE ALTERNATELY WIRED. VISUAL SIGNALS SHALL BE SYNCHRONIZED.
4. MINIMUM SIZE CONDUIT SHALL BE 3/4" UNLESS NOTED OTHERWISE.
5. SYSTEM WIRING SHALL BE INSTALLED IN ACCORDANCE WITH EQUIPMENT SUPPLIER'S APPROVED SHOP DRAWINGS AND WIRING DIAGRAMS.
6. CEILING MOUNTED SMOKE DETECTORS SHALL NOT BE LOCATED CLOSER THAN 3 FEET FROM AIR SUPPLY DIFFUSERS.
7. REFER TO FLOOR PLANS FOR QUANTITIES AND LOCATIONS OF SYSTEM DEVICES AND EQUIPMENT.
8. TO AUXILIARY CONTACTS IN RESPECTIVE AIR HANDLING UNIT STARTER FOR UNIT SHUTDOWN ON ALARM.

## ANALOG ADDRESSABLE FIRE ALARM DIAGRAM

Scale: Not To Scale




NOTES:

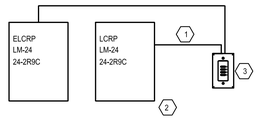
1. ALL SYSTEM WIRING SHALL BE BY OWNER.
2. REFER TO FLOOR PLANS FOR EXACT LOCATIONS AND QUANTITIES OF ALL TELECOMMUNICATION OUTLETS.
3. PROVIDE NYLON PULL CORD IN ALL EMPTY CONDUITS.

## TELEPHONE/DATA SYSTEM RISER DIAGRAM

Scale: NOT TO SCALE

### KEY NOTES

1. CAT-5 CABLE
2. LightMaster LM-24-24 RELAY PANEL
3. LightSync LS-PB-C-XX-4 4 BUTTON CONTROLLER (TYPICAL)




### GENERAL NOTES

A. ELECTRICAL CONTRACTOR TO PROVIDE CAT-5 DATA CABLE. SEE CAT-5 REQUIREMENTS SHEET AND RJ45 CONNECTOR DETAIL. TEST ALL CABLE LENGTHS AND TERMINATIONS W/CAT-5 TESTER.

B. ALL LOW VOLTAGE COMMUNICATION CABLE AND HARDWIRE LOW VOLTAGE CONTROL WIRING TO BE INSTALLED PER NATIONAL ELECTRICAL CODE FOR CLASS-2 LOW VOLTAGE WIRING.

C. CLASS-2 LOW VOLTAGE WIRING SHALL NOT BE MIXED WITH OR RUN IN LINE VOLTAGE RACEWAYS. SEPARATE LOW VOLTAGE RUNS FROM LINE VOLTAGE BY A MINIMUM DISTANCE OF 1-FOOT.

D. CAT-5 DATA CABLE RUNS TO BE INSTALLED IN A DAISY CHAIN FROM ONE PANEL OR DEVICE TO THE NEXT. NO "STAR" OR "T" CONFIGURATIONS ALLOWED WITHOUT POWER SUPPLY REPEATERS.

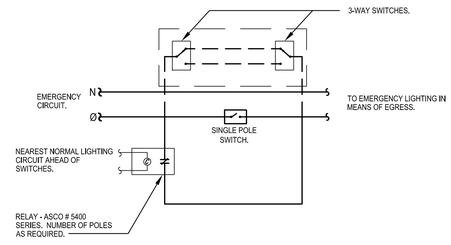
E. ALL CLASS-2 AND CAT-5 DATA CABLE RUNS TO BE PROVIDED AND INSTALLED WITH THE APPROPRIATE JACKET TYPE OR CONDUIT FOR THE INSTALLATION ENVIRONMENT OR CONDITIONS ON SITE.

F. EACH LIGHTING RELAY PANEL REQUIRES A DEDICATED 120V. OR 277V. CIRCUIT FOR CONTROL POWER TRANSFORMERS.

G. ADDITIONAL ILC POWER OR DATA REPEATING DEVICES MAY BE REQUIRED FOR PROPER SYSTEM OPERATION, BASED ON THE ACTUAL NUMBER AND DISTANCE OF LightSync DEVICES TO BE INSTALLED ON CAT-5 DATA LINE. CONTACT REFLEX LIGHTING AT 617-269-4510 FOR FURTHER ASSISTANCE.

## LIGHTING CONTROL DIAGRAM

Scale: NOT TO SCALE




(FOR BY-PASSING S.P. SWITCH OR 3-WAY SWITCHES.)

NOTES:

1. SWITCH CONTROLLED EMERGENCY LIGHTING IN PUBLIC AREAS SHALL BE CONTROLLED BY RELAY TO AUTOMATICALLY ENERGIZE SAID LIGHTING WHEN NORMAL POWER FAILS.

## EMERGENCY LIGHTING BY-PASS RELAY WIRING DIAGRAM

Scale: NOT TO SCALE

CONSULTANTS
TMP Consulting Engineers Inc.
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@1001 TMP Consulting Engineers

SCHWARTZ / SILVER ARCHITECTS INC.
75 Kneeland Street
Boston, Massachusetts 02111
Telephone 617/542-6650
Facsimile 617/351-0779

PROJECT
###### MAINE HISTORICAL SOCIETY
Date
###### 489 CONGRESS ST.
Date
PORTLAND, MAINE
Date

| DATE | REVISIONS | | |
|---|---|---|---|
| 05/01/07 | | | 60% CD SET |
| 07/02/07 | | | 100% CD REVIEW SET |
| 07/16/07 | | | 100% CD SET |
| 09/7/07 | | 1 | REVISION 1 |
| | Date | Number | Description |

| | |
|---|---|
| GL | Drawn By |
| MDC | Reviewed By |
| JJM | Approved By |

DRAWING TITLE
DIAGRAMS AND DETAILS

AS NOTED
Scale

DRAWING NUMBER
E-7



FILE: C:\DOCUMENTS AND SETTINGS\MDC\MY DOCUMENTS\TMP\TEMP\AcPublish_2620\$(mtt) 07 Dec 26 YMS Fri Jul 06 09:04:01 2007 - 1:24pm smorgan
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THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/09/07 26dwg (from files received on 07/11/07)
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THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/05/07 27g1B (from files received on 07/05/07)
THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 06/27/07 27g3B (from files received on 06/27/07)