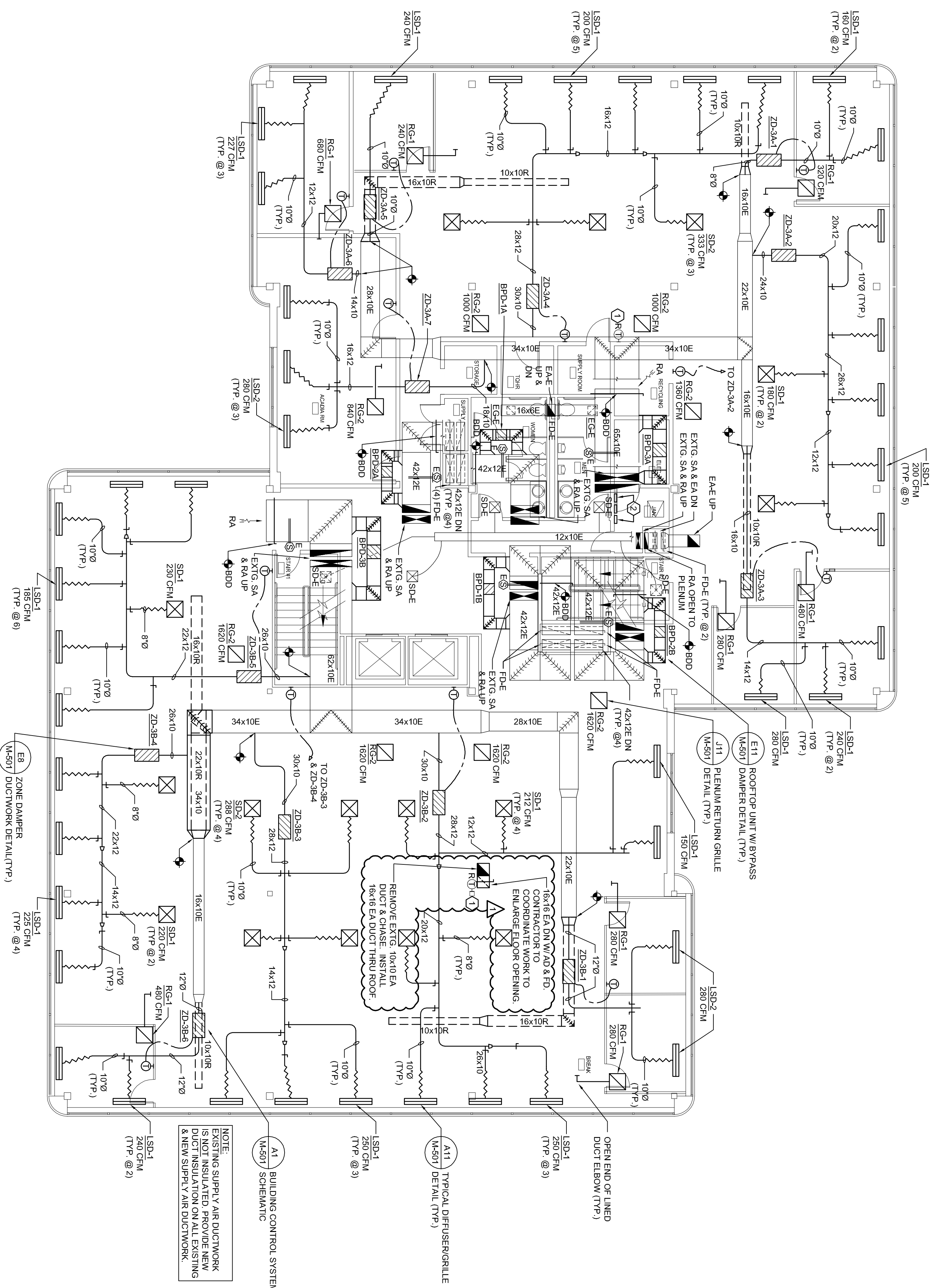


A1  
THIRD FLOOR MECHANICAL PLAN

1/8" = 1'-0"



NOTE:  
EXISTING SUPPLY AIR DUCTWORK IS NOT INSULATED. PROVIDE NEW DUCT INSULATION ON ALL EXISTING & NEW SUPPLY AIR DUCTWORK.

A1 BUILDING CONTROL SYSTEM  
M507 SCHEMATIC

A11 TYPICAL DIFFUSER/GRILLE  
M507 DETAIL (TYP)

LSD-1 250 CFM (TYP @ 3)

OPEN END OF LINED DUCT ELBOW (TYP)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

LSD-1 280 CFM (TYP @ 2)

**GENERAL NOTES:**

1. REMOVE ALL EXISTING DIFFUSERS & BRANCH DUCTS, EXCEPT IN LOBBY/PUBLIC AREAS.
2. DIFFUSER BRANCH DUCT SIZES SHALL BE EQUAL TO DIFFUSER CONNECTION SIZE.
3. DIRECT OUTERMOST SLOT OF LINEAR SLOT DIFFUSER AT EXTERIOR WALL: REMAINDER OF SLOTS TO BE SET TO PROJECT AIRFLOW ALONG CEILING & AWAY FROM EXTERIOR WALL WINDOWS.
4. ALL NEW CONTROL WIRING TO BE PLENUM RATED.
5. ALL EXISTING FIRE DAMPERS (TO REMAIN): DISCONNECT FIBER DAMPER FUSE AND FLOW TO INSURE PROPER DAMPER OPERATION. VISUALLY INSPECT, TEST AND CONFIRM FOR EACH EXISTING FIRE DAMPER. VISUALLY INSPECT AND CONFIRM THAT EACH FIRE DAMPER IS PROPERLY SEALED AND INSTALLED TO MAINTAIN PROPER FIRE SEPARATION AND INTEGRITY. NOTIFY OF ANY AND ALL MALFUNCTIONING FIRE DAMPERS OR IMPROPER INSTALLATIONS. RESET ALL FIRE DAMPERS AT CONCLUSION OF TESTING OF EACH DAMPER.
6. ALL EXISTING DUCTS SCHEDULED TO REMAIN "AS-IS". CLEAN ALL EXISTING SUPPLY AIR, RETURN AIR & EXHAUST AIR DUCTWORK. COMPARTMENTATION MUST BE MAINTAINED. FOLLOW CURRENT MARCA STANDARDS. CLEANINGS SHALL BE COMPLETED PRIOR TO FINAL AIR BALANCING. PROVIDE INSULATED & GASKETED ACCESS DOORS FOR DUCT ACCESS DURING CLEANING. REPAIR AND/OR REPLACE ANY DETERIORATED OR DAMAGED DUCT LINER OR FLEXIBLE DUCT.
7. EXISTING ELECTRICAL RESISTANCE HEAT & ASSOCIATED THERMOSTATS SHALL REMAIN AS IS.
8. TAG & LABEL ALL NEW HVAC EQUIPMENT & CONTROL DEVICES.
9. ALL EXTG. DUCT SMOKE DETECTORS TO REMAIN. CLEAN & TEST TO CONFIRM PROPER OPERATION. NOTIFY OWNER/ENGINEER OF ANY NONOPERABLE DEVICES.

**TECHNICAL NOTES:**

1. REMOVE EXISTING THERMOSTAT & PROVIDE BLANK COVER.
2. (7) STANDARD TRANE "VARITRAC" CENTRAL CONTROL PANELS LOCATED IN JANITOR CLOSET, ONE PER RTU. ALL CONTROL PANELS CONNECTED TO (1) TRANE TRACKER BUILDING MANAGEMENT SYSTEM W/ TOUCH SCREEN AND REMOVE DIMMING SWITCHES. CONTACTS TO ALL RTUS FOR PROGRAMMING, MONITORING & TROUBLESHOOTING.

**CONSTRUCTION DOCUMENTS**  
10.18.10

CONSTRUCTION ISSUE STUDY

REV	DESCRIPTION	DATE
1	REISSUED	10.20.10
0	CONSTRUCTION DOCS	10.18.10

**WBRC** ARCHITECTS • ENGINEERS

BANGOR, MAINE 207-747-4511  
PORTLAND, ME 207-747-4511  
SARASOTA, FLORIDA 941-556-0757

PROJECT: MARTIN'S POINT HEALTH CARE NORTHPORT PLAZA HVAC RENOVATIONS PORTLAND, ME

THIRD FLOOR MECHANICAL PLAN

SHEET TITLE: 3626.00 - M-103  
PROJECT No. 3626.00  
SCALE: AS NOTED  
DATE: 10/18/10  
DRAWN BY: CGB  
CHECKED BY: RLR  
DATE OF RECORD: 10/18/10