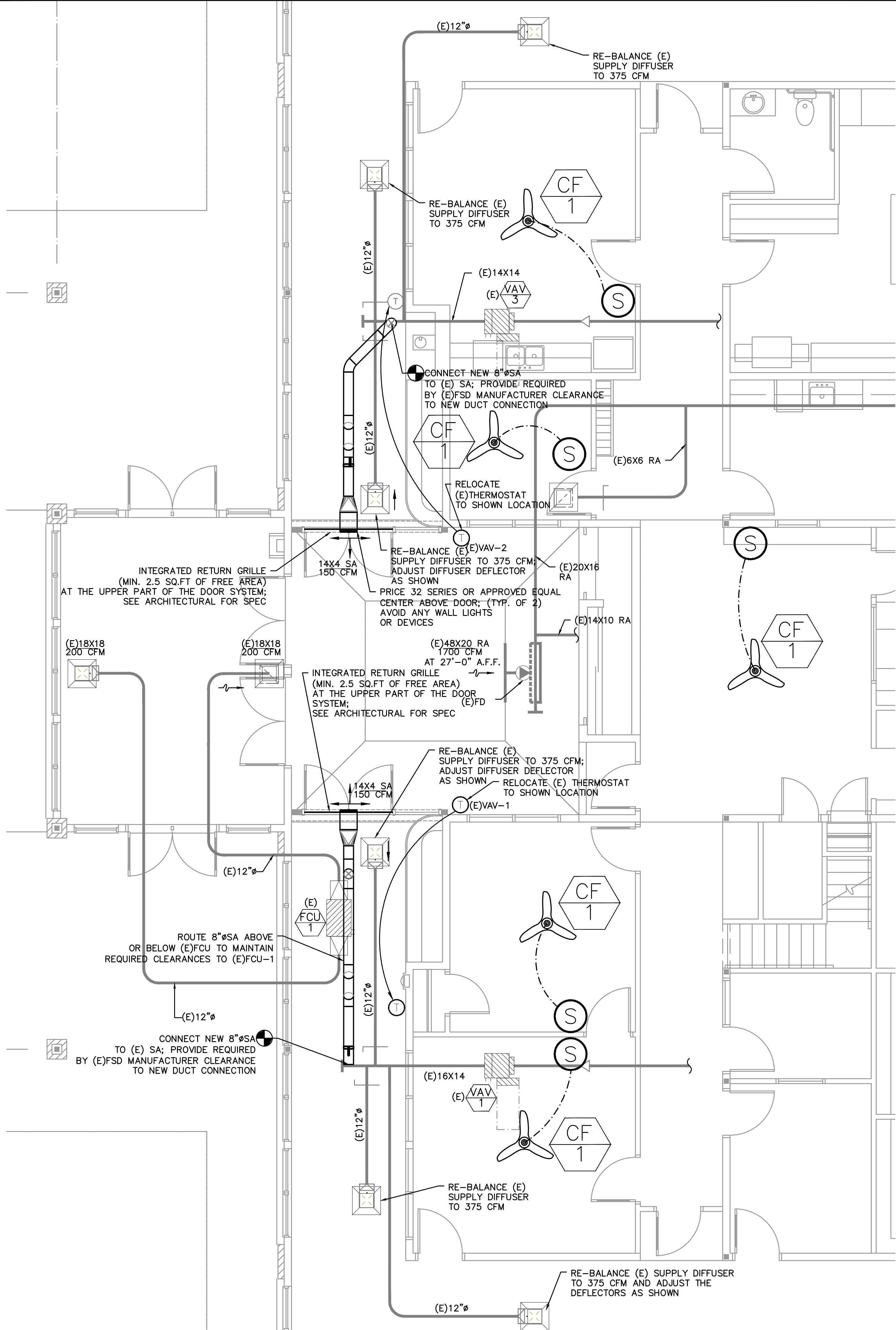


Copyright © 2017 BBT Architects
Bend-La Pine Schools Security Upgrades
Lava Ridge Elementary
20805 Cooley Road
Bend, Oregon 97701
1160 SW Simpson Ave. - Suite 100 - Bend, Oregon 97702
t 541.389.5335 | f 541.389.8033



MECHANICAL LEGEND

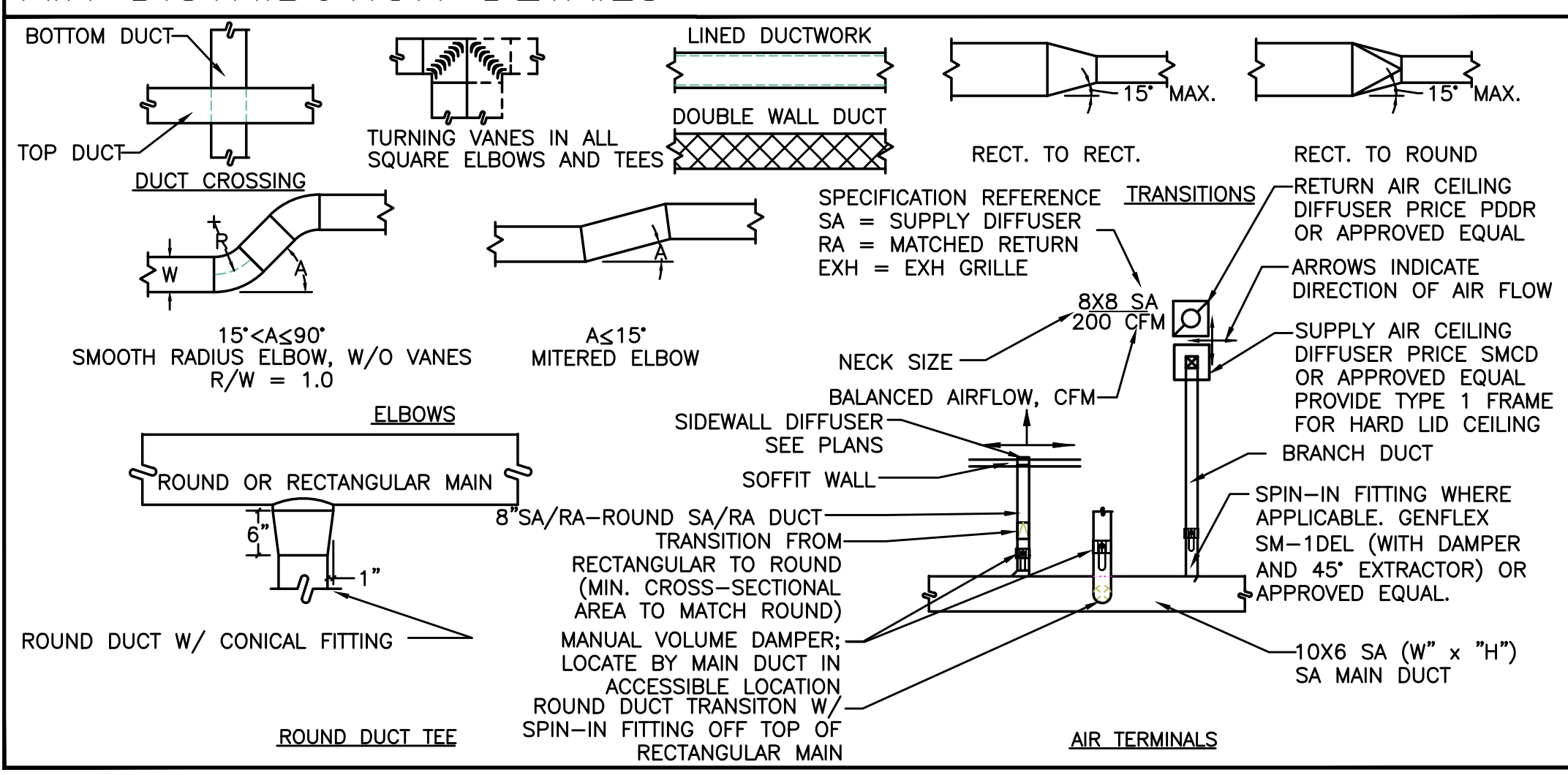
| | | | |
|--|---------------------------------------|-------|-------------------------------------|
| | SUPPLY AIR DIFFUSER | AFF | ABOVE FINISH FLOOR |
| | RETURN AIR DIFFUSER | AHU | AIR HANDLING UNIT |
| | EXHAUST AIR DIFFUSER | BTU | BRITISH THERMAL UNITS |
| | DIRECTIONAL AIR FLOW | CFM | CUBIC FEET PER MINUTE |
| | MANUAL VOLUME DAMPER | CONN. | CONNECTION |
| | SUPPLY AIR DUCT UP & DOWN | CONT. | CONTINUATION |
| | RETURN AIR DUCT UP & DOWN | EXH | EXHAUST AIR |
| | EXHAUST OR OUTSIDE AIR DUCT UP & DOWN | FPM | FEET PER MINUTE |
| | SUPPLY AIR DUCT UP & DOWN | FPS | FEET PER SECOND |
| | RETURN AIR DUCT UP & DOWN | FT. | FEET / FOOT |
| | VAV TERMINAL UNIT W/ REHEAT COIL | GA. | GAUGE |
| | CONNECT TO EXISTING | IN. | INCHES |
| | TEMPERATURE SENSOR | L | LENGTH |
| | NOTE | LBS. | POUNDS |
| | EQUIPMENT DESIGNATOR | MAX. | MAXIMUM |
| | FIRE DAMPER | MBH | THOUSANDS OF BTUs PER HOUR |
| | FIRE / SMOKE DAMPER | MD | MOTORIZED DAMPER |
| | SMOKE DAMPER | MIN. | MINIMUM |
| | CAP EXISTING DUCT | MVD | MANUAL VOLUME DAMPER |
| | | OA | OUTSIDE AIR |
| | | PSI | POUNDS PER SQUARE INCH |
| | | R.A. | RETURN AIR |
| | | REQ'D | REQUIRED |
| | | S.A. | SUPPLY AIR |
| | | TEMP. | TEMPERATURE |
| | | TYP. | TYPICAL |
| | | VAV | VARIABLE AIR VOLUME |
| | | W | WIDTH |
| | | WB | WET BULB |
| | | Ø | DIAMETER |
| | | | DEMOLISH, (R) RELOCATE |
| | | | (E) EXISTING |
| | | | NEW WORK |
| | | | (HWS) HEATING WATER SUPPLY |
| | | | (HWR) HEATING WATER RETURN |
| | | | (HWRR) HEATING WATER REVERSE RETURN |

CEILING FANS

| MARK NUMBER | CF 1 | CF 2 |
|-------------------------------|---|------------------------|
| MOUNTING | CEILING HUNG | CEILING HUNG |
| BLADE DIAMETER/FAN HEIGHT | 52"/11.4" FOR 9' CEILING 16.4" FOR 10.5' CEILING | 96"/31.8" |
| CONTROLLED BY WALL MOUNTED: | LUTRON DIVA | LUTRON DIVA |
| AIRFOIL FINISH | WHITE | SILVER WITH BLACK TRIM |
| ELECTRICAL CONNECTION, V/PH | 120V/1PH | 120V/1PH |
| DESIGN WEIGHT (LBS) | 11 | 75 |
| BASIS OF DESIGN: BIG ASS FANS | HAUK L | ESSENCE |

VERIFY FAN COLOR WITH ARCHITECT PRIOR TO ORDERING.

AIR DISTRIBUTION DETAILS



GENERAL NOTES:

- SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR AREA OF WORK.
- PROVIDE SPRINKLER HEADS AS REQUIRED IN LOBBY AND CORRIDOR; RELOCATE EXISTING SPRINKLER HEADS IN CORRIDOR AS REQUIRED;
- CONTRACTOR TO KEEP RECORD OF NEW SYSTEM INSTALLED AS WELL AS EXISTING TO REMAIN, AND ITEMS DISCOVERED OR ENCOUNTERED ON SITE THAT WERE NOT SHOWN ON THE PLANS. THESE INCLUDE SYSTEMS, DUCTWORK, PIPE, ETC THAT DO NOT AFFECT OR ARE NOT PART OF THE PROJECT SCOPE, BUT ARE WITHIN THE BOUNDARIES OF THE PROJECT SCOPE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS THAT ACCURATELY REFLECT THE CONDITIONS WITHIN THE BOUNDARY OF THE PROJECT SCOPE AT THE END OF THE PROJECT.
- COORDINATE CEILING DIFFUSER LOCATION WITH ELECTRICAL, LOW VOLTAGE AND FIRE PROTECTION DISCIPLINES.
- ALL SHOWN EXISTING DUCTWORK, DIFFUSERS, EQUIPMENT AND CAPACITIES ARE GATHERED FROM VARIOUS AS BUILTS AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY SIZE AND LOCATION PRIOR TO COMMENCING WORK.
- SEE ELECTRICAL DRAWINGS FOR EXACT CEILING FAN (CF-X) CONTROL SWITCH LOCATIONS AND WIRING.

1 ENLARGED HVAC FLOOR PLAN
M1.1 SCALE: 1/4" = 1'-0"

BBT
ARCHITECTS
1160 SW Simpson Ave. - Suite 100 - Bend, Oregon 97702
t 541.389.5335 | f 541.389.8033

Bend-La Pine Schools SECURITY UPGRADES
Lava Ridge Elementary
20805 Cooley Road
Bend, Oregon 97701

| | |
|----------------------|----------|
| ISSUED: | DATE: |
| PERMIT SET / BID SET | 02/14/18 |
| ADDENDUM #3 | 03/07/18 |
| CONFORMANCE SET | 03/28/18 |
| APR #4 | 04/09/18 |
| AS-BUILT | 09/04/18 |

| | |
|-------------|------|
| JOB NUMBER: | 1708 |
| DRAWN BY: | EVK |
| CHECKED BY: | JVB |

SHEET TITLE
ENLARGED
HVAC
FLOOR PLAN

SHEET NUMBER
M1.1