

Firm's License #

State License #

#	DESCRIPTION	DATE
1	BUILDING DEPARTMENT	7/26/17

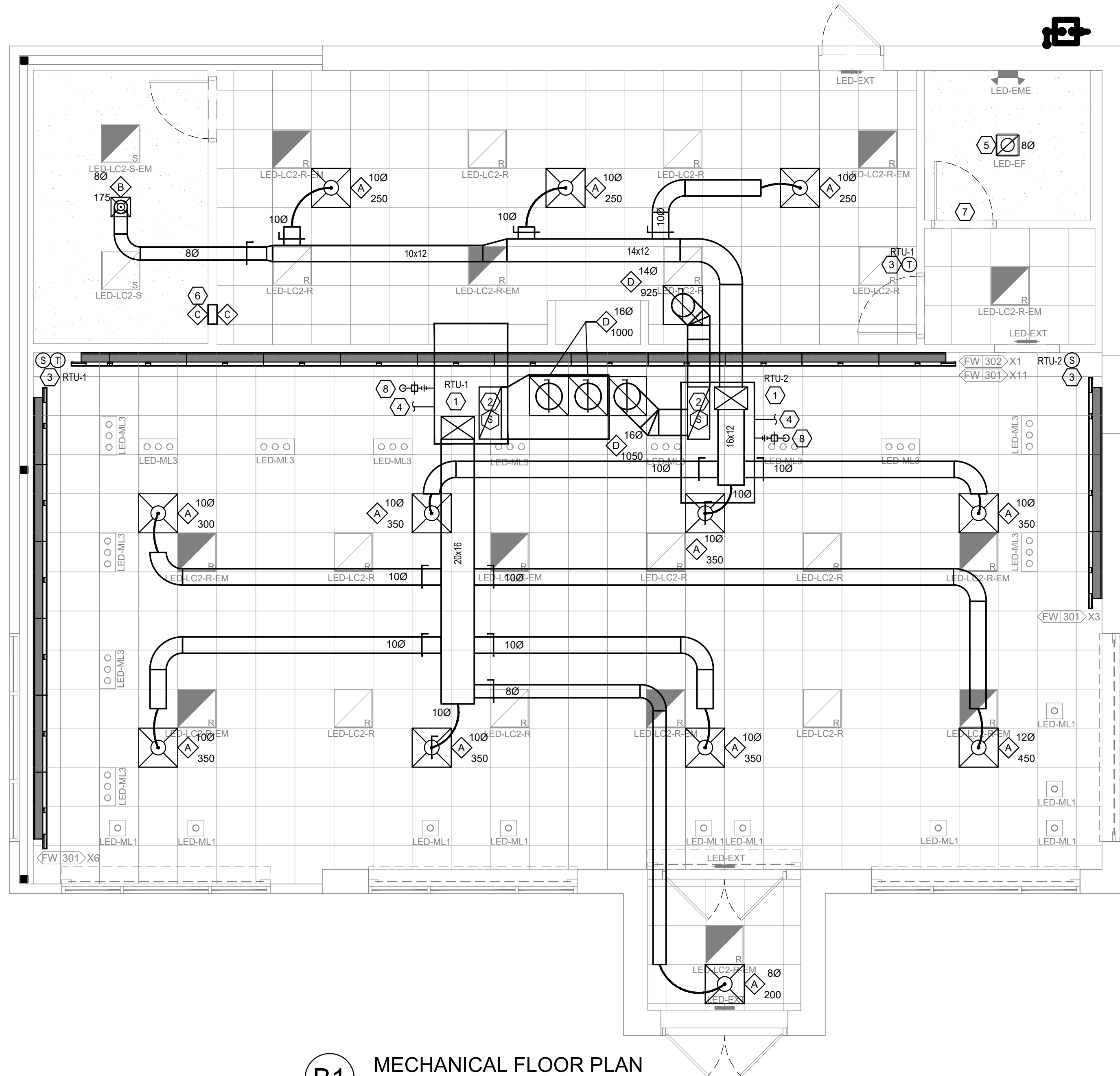
US HWY 50 & CLUB MANOR DR
908 W US HWY 50
PUEBLO, CO 81008
MECHANICAL FLOOR PLAN

MDC
CORPORATE - RELO
686

DESIGN DEVELOPMENT

DATE: 12/21/2017
SCALE: 1/4"=1'-0"
DRAWN BY: XXX
PROJECT No.: TMO384
SHEET:

M101



B1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"

FIELD VERIFY ALL CONDITIONS

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTOR'S COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

MECHANICAL LEGEND

MANUAL BALANCING DAMPER TO BE PLACED IN ACCESSIBLE LOCATION

NOTE: SEE SHEET M501 MECHANICAL DETAILS

KEYED NOTES

#	NOTES
1	ROOFTOP UNIT. CONNECT NEW DUCTWORK TO SUPPLY AND RETURN DROPS DOWN THROUGH ROOF. VERIFY EXACT LOCATION IN FIELD.
2	PROVIDE NEW DUCT MOUNTED SMOKE DETECTOR WITH REMOTE TEST STATION IN THE RETURN DUCTWORK AT LOCATION SHOWN. DETECTOR SHALL SHUT DOWN UNIT UPON DETECTION OF SMOKE. INSTALL REMOTE TEST STATION IN CEILING GRID BENEATH UNIT.
3	PROVIDE NEW "HONEYWELL" MODEL T88220 WALL MOUNTED PROGRAMMABLE THERMOSTAT. MOUNT AT 48" A.F.F. PROVIDE "HONEYWELL" MODEL C7189U REMOTE SENSORS MOUNTED AT 60" A.F.F. FOR TEMPERATURE BALANCING.
4	PROVIDE CONDENSATE PER CODE. EXTEND TO LANDLORD APPROVED RECEPTOR AS REQUIRED. VERIFY POSSIBLE REUSE OF EXISTING CONDENSATE IN FIELD.
5	NEW CEILING EXHAUST FAN/LIGHT COMBO PROVIDED WITH THE LIGHTING PACKAGE. ROUTE EXHAUST DUCT UP THROUGH ROOF. PROVIDE GOOSNECK FITTING WITH INSECT SCREEN AT DISCHARGE. PROVIDE INSULATED DUCT CURB AT ROOF PENETRATION. SEE SCHEDULE.
6	PROVIDE NEW TRANSFER GRILLE THROUGH INVENTORY/TELCO ROOM WALL. INSTALL TOP OF GRILLE 6" BELOW FINISHED CEILING. PROVIDE MESH SCREENING OVER OPENING IN WALL. SEE SCHEDULE FOR SIZE.
7	UNDERCUT DOOR A MINIMUM OF 1" (MAXIMUM 1-1/4").
8	PROVIDE GAS LINES PER CODE. CONNECT TO EXISTING METER & COORDINATE WITH UTILITY.

GENERAL NOTES

- ALL ROOF WORK IS TO BE DONE BY THE LANDLORD'S ROOFING CONTRACTOR AND AT THE TENANT'S EXPENSE.
- ALL DUCTWORK SHALL BE GALVANIZED SHEETMETAL PER SMACNA STANDARDS. NO DUCTBOARD PERMITTED.
- ALL DUCT WORK SHALL BE INSULATED WITH A MINIMUM R-6 INSULATION FOR INTERIOR DUCTWORK AND A MINIMUM R-8 INSULATION FOR EXTERIOR DUCTWORK PER IECC (IN CALIFORNIA PROVIDE MINIMUM R-8 INTERIOR / EXTERIOR.)
- PROVIDE INSULATED FLEXIBLE DUCT CONNECTIONS TO DIFFUSERS. FLEX DUCT LENGTH NOT TO EXCEED 5 FT.
- VERIFY THE EXACT MOUNTING FRAME REQUIRED FOR EACH DIFFUSER.
- PROVIDE ALL MANUAL BALANCE DAMPERS REQUIRED TO BALANCE THE ENTIRE SYSTEM.
- ALL NEW RESTROOM DOORS SHALL BE UNDERCUT A MINIMUM 1". TENANT G.C. SHALL ENSURE THAT EXISTING DOORS COMPLY.
- PROVIDE CONDENSATE LINES. ROUTE TO NEAREST ROOF DRAIN WHERE PERMITTED, ELSE TO THE NEAREST APPROVED RECEPTOR.
- MODIFY THE SPRINKLER SYSTEM (WHERE EXISTING) TO ACCOMMODATE NEW FLOOR PLAN LAYOUT PER NFPA 13. REPLACE SPRINKLER HEADS AS REQUIRED. ALL HEADS IN THE SALES AREA ARE TO BE CONCEALED PENDANT TYPE. NON-SALES AREAS ARE TO BE PENDANT TYPE. CONTACT THE LANDLORD FOR ADDITIONAL REQUIREMENTS AND A LIST OF APPROVED FIRE PROTECTION CONTRACTORS.
- REPLACE FILTERS PRIOR TO TURNOVER.
- PROVIDE RUFIRFO TO P.M. & ARCHITECT FOR ALL DISCREPANCIES PRIOR TO COMMENCING WORK.
- G.C. SUB TO PROVIDE REDLINES OF ALL DEVIATIONS FROM THE PLANS AND PROVIDE A COMPLETE TEST & BALANCE REPORT AS REQUIRED BY THE CONTRACT.

WHEN REQUIRED, IT IS THE OWNER'S RESPONSIBILITY TO CONTRACT WITH A COMMISSIONING AUTHORITY TO COMPLY WITH LOCAL CODES.