CHECKING PRINT

DESIGNER _____ DATE: _____ CHECKED: _____ DATE: _____ CORRECTED: _____ DATE: _____

DRAWN _____ DATE: _____ BACKCHECKED: _____ DATE: _____ APPROVED: _____ DATE: _____

1 ENLARGED AIR COOLED CHILLER PLAN - DEMOLITION
1/4"=1'-0"

2 ENLARGED AIR COOLED CHILLER PLAN - NEW WORK
1/4"=1'-0"

GENERAL NOTES

1. THE MECHANICAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE AND COORDINATE THE INSTALLATION OF MECHANICAL MATERIALS AND EQUIPMENT WITH OTHER CONTRACTORS ON THE SITE PRIOR TO INSTALLATION. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK SHOWN OR IMPLIED ON MECHANICAL SHEETS EXCEPT AS NOTED.
2. THE MECHANICAL CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE APPLICABLE BUILDING CODES AND LOCAL ORDINANCES AND GUARANTEE THE INSTALLATION FREE FROM DEFECT FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF INSTALLATION.
3. CONTRACTOR SHALL UTILIZE SERVICES OF A PROFESSIONAL BALANCE CONTRACTOR TO PERFORM AIR AND WATER BALANCES ON ALL HVAC EQUIPMENT TO ACHIEVE THE AIR FLOWS AND WATER FLOWS INDICATED AND AS REQUIRED PER THE SPECIFICATIONS.
4. MECHANICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES ON PROJECT.
5. FIREWALL PENETRATIONS SHALL BE SEALED WITH AN APPROVED FIRE STOP MATERIAL, U.L. LISTED FOR 2 OR 4 HRS. (WHERE REQUIRED) FIRE RATING, BY MECHANICAL CONTRACTOR. CONTRACTOR SHALL SUBMIT ALL FIRE-STOPPING DETAILS AND MATERIAL FOR APPROVAL BY ENGINEER. REFER TO ARCHITECTURAL PLANS FOR WALL TYPES.
6. ALL NON-FIRE RATED PENETRATIONS OF THE BUILDING WALLS SHALL BE SEALED WITH QUALITY CAULK SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. ALL POWER WIRING OF EQUIPMENT SHALL BE BY ELECTRICAL CONTRACTOR, ALL LOW VOLTAGE CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR, AND ALL FIRE PROTECTION SIGNAL OR CONTROL WIRING SHALL BE BY FIRE PROTECTION CONTRACTOR. ALL POWER AND CONTROL CONDUITS SHALL BE BY ELECTRICAL CONTRACTOR.
8. CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY STRUCTURAL ELEMENTS THAT MUST BE CUT AND/OR REMOVED FOR INSTALLATION OF DUCTWORK OR MECHANICAL EQUIPMENT WITH THE APPROVAL OF THE ENGINEER.
9. CONTRACTOR SHALL INSTALL ALL LOOSE-SHIPPED COMPONENTS FOR THE HVAC EQUIPMENT.
10. COORDINATE DUCTWORK AND GRILLE INSTALLATION WITH LIGHTING LAYOUT, STRUCTURAL ELEMENTS, AND ELECTRICAL CONDUITS.
11. THE CONTRACTOR SHALL EXECUTE THE WORK IN STRICT ACCORDANCE WITH THE SPECIFICATION AND DRAWINGS. WHERE WORK IS SHOWN ON THE DRAWING AND NOT SPECIFIED OR SPECIFIED AND NOT SHOWN ON DRAWING, THE CONTRACTOR SHALL PROVIDE ALL SUCH WORK.
12. IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT CONDITION SHALL APPLY.
13. SEAL ALL PENETRATION WATERTIGHT.

DEMOLITION PLAN KEYNOTES (#)

1. REMOVE EXISTING 6" CHILLED WATER SUPPLY AND RETURN PIPING ALONG WITH ALL VALVING, GAUGES AND CONTROLS TO JUST ABOVE GROUND PENETRATION FOR RECONNECTION UNDER NEW WORK.
2. REMOVE EXISTING AIR COOLED 150 TONE CHILLER DISCONNECT AND REMOVE ALL ASSOCIATED VALVING, GAUGES AND CONTROLS.
3. REMOVE EXISTING CHILLER EQUIPMENT PAD. SEE STRUCTURAL DRAWINGS.

NEW WORK PLAN KEYNOTES (#)

1. EXTEND NEW 6" CHILLED WATER SUPPLY AND RETURN PIPING FROM NEW AIR COOLED CHILLER TO GROUND PENETRATION.
2. PROVIDE AND INSTALL NEW AIR COOLED CHILLER. PROVIDE AND INSTALL EQUIPMENT PAD AS REQUIRED, SEE STRUCTURAL DRAWINGS. SEE DETAIL ON DRAWING M-501
3. NEW AIR COOLED CHILLER EQUIPMENT PAD. SEE STRUCTURAL DRAWINGS.
4. MAINTENANCE CLEARANCE AREA.

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NO.	REVISIONS	BY	DATE
-	95% CD SUBMITTAL	-	02.26.20
-	BID DOCUMENTS REISSUED	-	08.20.20
1	ADDENDUM NO. 3	-	10.23.20

DESIGNED AAA
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IN CHARGE AAA

OHIO TURNPIKE

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

ENLARGED MECHANICAL FLOOR PLANS

LORAIN

M.P. 139.5

PROJECT 53-20-02/03

SP5

M-402