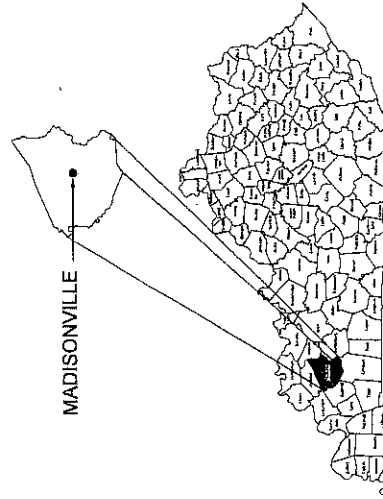


HOPKINS COUNTY PUBLIC SCHOOLS COOLING TOWER UPGRADE - 2019

CITY OF MADISONVILLE, KENTUCKY

HOPKINS COUNTY



DRAWING INDEX:

COVER COVER SHEET
M1.0 JESSE STUART ES - COOLING TOWER REPLACEMENT
M2.0 SOUTHSIDE ES - COOLING TOWER REPLACEMENT
M3.0 EARLINGTON ES - COOLING TOWER REPLACEMENT



MECHANICAL ENGINEER



MECHANICAL • ELECTRICAL • PLUMBING
DO JUSTLY, LOVE MERCY AND WALK HUMBL Y • Micah 6:8
1630 Destiny Lane, Suite 113
Bowling Green, KY 42104
Office: 270-599-0182

Nami Nahid
Mechanical Engineer
Nami@skyengineeringmep.com

BG NO: 18-093
BG NO: 18-178



FEBRUARY 11, 2019

HOPKINS COUNTY PUBLIC SCHOOL

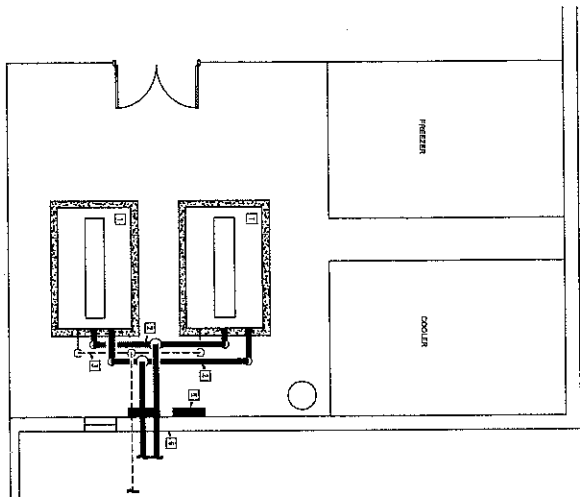
320 SOUTH SEMINARY STREET
MADISONVILLE, KENTUCKY 42431

SUPERINTENDENT MS. DEANNA ASHBY

BOARD OF EDUCATION

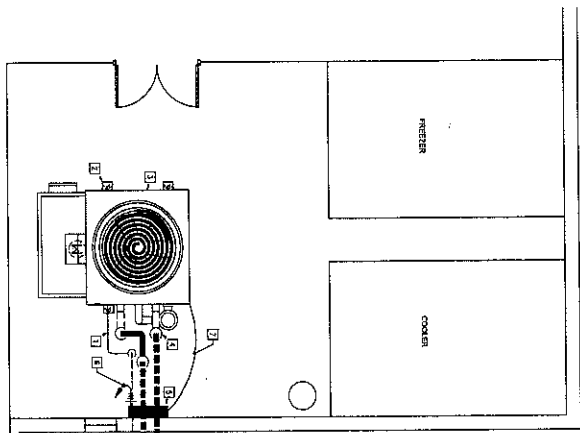
BOARD CHAIRMAN	J.W. DURST
VICE-CHAIRPERSON	SUSANNE WOLFORD
BOARD MEMBER	BOBBY FOX
BOARD MEMBER	STEVE FAULK
BOARD MEMBER	JOHN OSBORNE

1 DEMOLITION PLAN



- EXISTING COOLING TOWER NOTES:
1. DEMOLISH EXISTING COOLING TOWER.
 2. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 3. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 4. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
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 9. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 10. DEMOLISH EXISTING PIPING TO BE MAINTAINED.

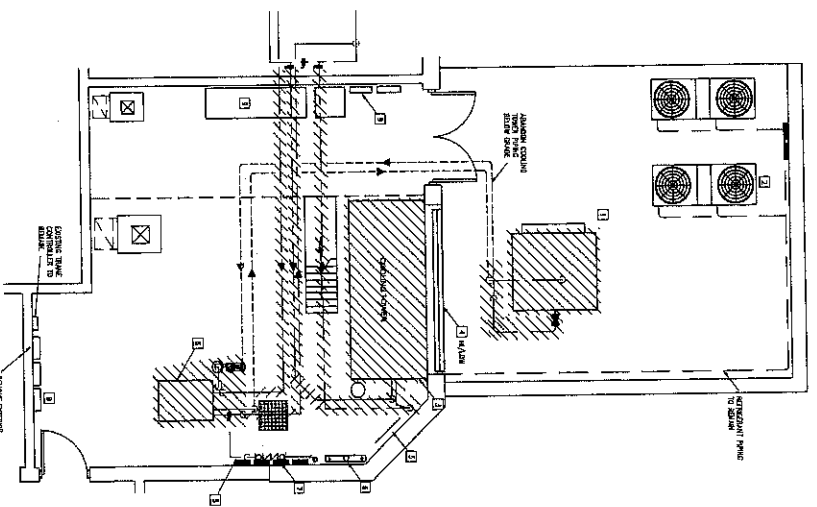
2 NEW INSTALLATION PLAN



- NEW COOLING TOWER NOTES:
1. DEMOLISH EXISTING COOLING TOWER.
 2. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 3. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 4. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 5. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
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 8. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 9. DEMOLISH EXISTING PIPING TO BE MAINTAINED.
 10. DEMOLISH EXISTING PIPING TO BE MAINTAINED.

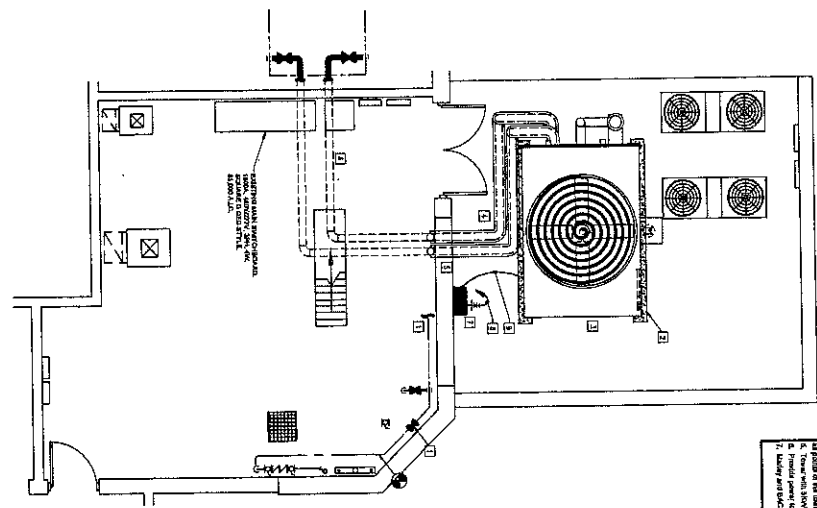
COOLING TOWER SCHEDULE	
NO.	DESCRIPTION
1	COOLING TOWER
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99	COOLING TOWER
100	COOLING TOWER

1 DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



1. EXISTING COOLING TOWER TO BE DEMOLISHED.
2. EXISTING CONDENSER COIL TO BE DEMOLISHED.
3. EXISTING PIPING TO BE DEMOLISHED.
4. EXISTING ELECTRICAL PANEL TO BE DEMOLISHED.
5. EXISTING ELECTRICAL PANEL TO BE DEMOLISHED.
6. EXISTING ELECTRICAL PANEL TO BE DEMOLISHED.
7. EXISTING ELECTRICAL PANEL TO BE DEMOLISHED.
8. EXISTING ELECTRICAL PANEL TO BE DEMOLISHED.
9. EXISTING ELECTRICAL PANEL TO BE DEMOLISHED.
10. EXISTING ELECTRICAL PANEL TO BE DEMOLISHED.

2 NEW INSTALLATION PLAN
SCALE: 1/8" = 1'-0"



1. NEW COOLING TOWER TO BE INSTALLED.
2. NEW CONDENSER COIL TO BE INSTALLED.
3. NEW PIPING TO BE INSTALLED.
4. NEW ELECTRICAL PANEL TO BE INSTALLED.
5. NEW ELECTRICAL PANEL TO BE INSTALLED.
6. NEW ELECTRICAL PANEL TO BE INSTALLED.
7. NEW ELECTRICAL PANEL TO BE INSTALLED.
8. NEW ELECTRICAL PANEL TO BE INSTALLED.
9. NEW ELECTRICAL PANEL TO BE INSTALLED.
10. NEW ELECTRICAL PANEL TO BE INSTALLED.

COOLING TOWER SCHEDULE			
UNIT NO.	DESCRIPTION	QTY	UNIT PRICE
1	COOLING TOWER	1	
2	CONDENSER COIL	1	
3	PIPING	1	
4	ELECTRICAL PANEL	1	
5	ELECTRICAL PANEL	1	
6	ELECTRICAL PANEL	1	
7	ELECTRICAL PANEL	1	
8	ELECTRICAL PANEL	1	
9	ELECTRICAL PANEL	1	
10	ELECTRICAL PANEL	1	

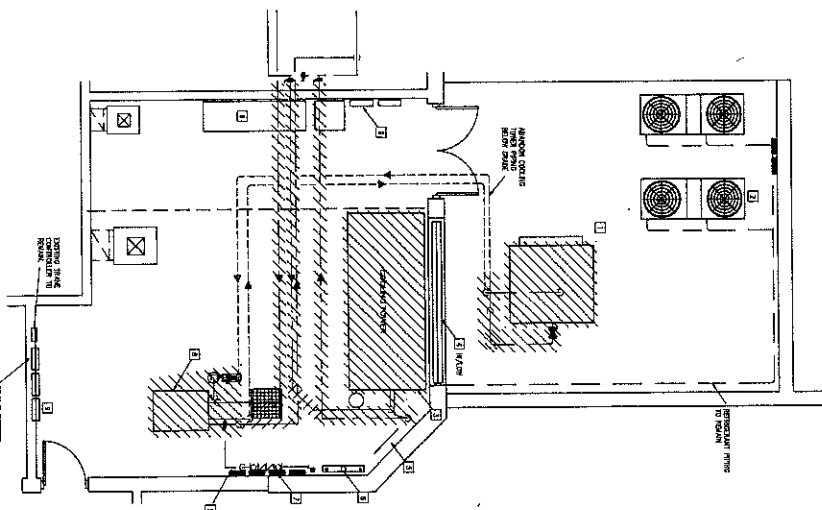
SKY ENGINEERING
MECHANICAL • ELECTRICAL • PLUMBING
DO. ASBURY, LOVE, MERRY AND WALK. HANLEY • 2000-2001

1000 WEST 10TH AVE. SUITE 100
DENVER, CO 80202
303.733.1111

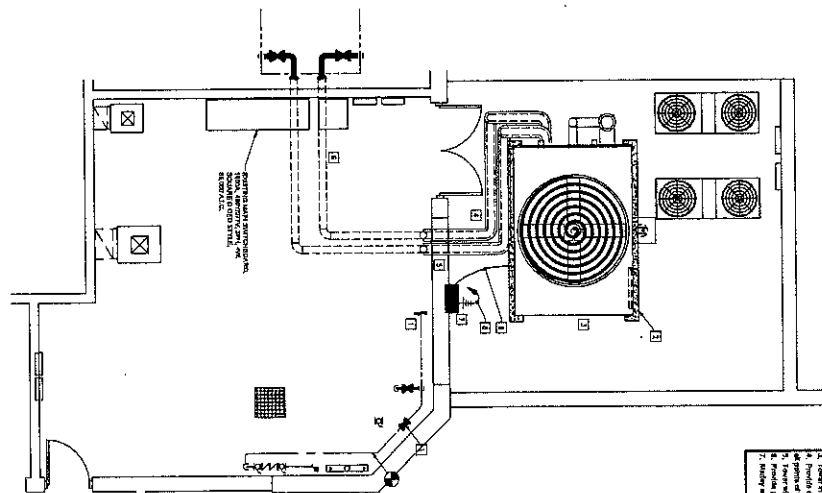
DATE: FEBRUARY 11, 2018
PROJECT: MECHANICAL FLOOR PLAN
M1.0

JESSE STUART ELEMENTARY SCHOOL
COOLING TOWER UPGRADE
HOPKINS COUNTY

MADE IN THE USA
100% COTTON
100% COTTON
100% COTTON



- [illegible]



- [illegible]

OCCUPATIONAL FORMS BUREAU		FORM NO.	EDITION
NON-PROFIT/NOT-AT-RISK		100-100	1-7-79
SOURCES:		BUREAU SOURCE	
1. FEDERAL GOVERNMENT	2. STATE GOVERNMENT	3. COUNTY GOVERNMENT	4. OTHER GOVERNMENT
5. PRIVATE	6. COLLEGE (UNIV.)	7. LABOR UNION	8. OTHER
9. OTHER	10. OTHER	11. OTHER	12. OTHER
13. OTHER	14. OTHER	15. OTHER	16. OTHER
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97. OTHER	98. OTHER	99. OTHER	100. OTHER

[illegible]

DATA COLLECTION

- A. ALL JOINT AND HOLES CHARACTERS SHALL BE IN CONCRETE.
- B. BRIDGES, EXPOSED CONCRETE SHALL BE EXIST.
- C. EXISTING EXPOSED CONCRETE SHALL BE REINFORCED.
- D. CONNECTION TO EXISTING CONCRETE SHALL BE MADE IN UJIC.
- E. ALL CONNECTIONS SHALL BE STANDARD, PREPARED INSULATED CONCRETE, IN AS INDICATED.
- F. ALL JOINTS SHALL INCLUDE A CORRECTION INSULATED CONCRETE JOINTING

NEW PUBLICATION NOTES

SOUTHSIDE ELEMENTARY SCHOOL
COOLING TOWER UPGRADE
HOPKINS COUNTY

DATE: FEBRUARY 11, 2019
SHEET NAME: MECHANICAL
FLOOR PLAN

M12.0

SKY ENGINEERING
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DO JUSTLY, LOVE MERCY AND WALK HUMBLY - Micah 6:8

REVISIONS		
REV.	DESCRIPTION	DATE