

Project Manual for



PAULETTE ELEMENTARY
A.C. CORRIDORS
Maynardville, Tennessee

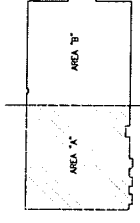
Designed by

West Welch Reed Engineers, Inc.

November 08, 2021

WEST, WELCH REED ENGINEERS, INC.
 2117 East County Ave.
 Suite 200
 Phoenix, AZ 85016
 Phone: (602) 998-2222
 Fax: (602) 998-2222
 www.westwelchreed.com

KEYPLAN
SCALE: 1/8" = 1'-0"

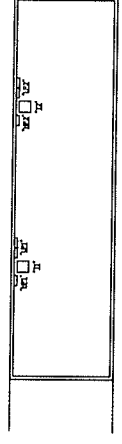


DATE	12/11/09
DRAWN	RAC
DESIGNED	RAC
CHECKED	CLM
SCALE	1/8" = 1'-0"
PROJECT	11-001-21

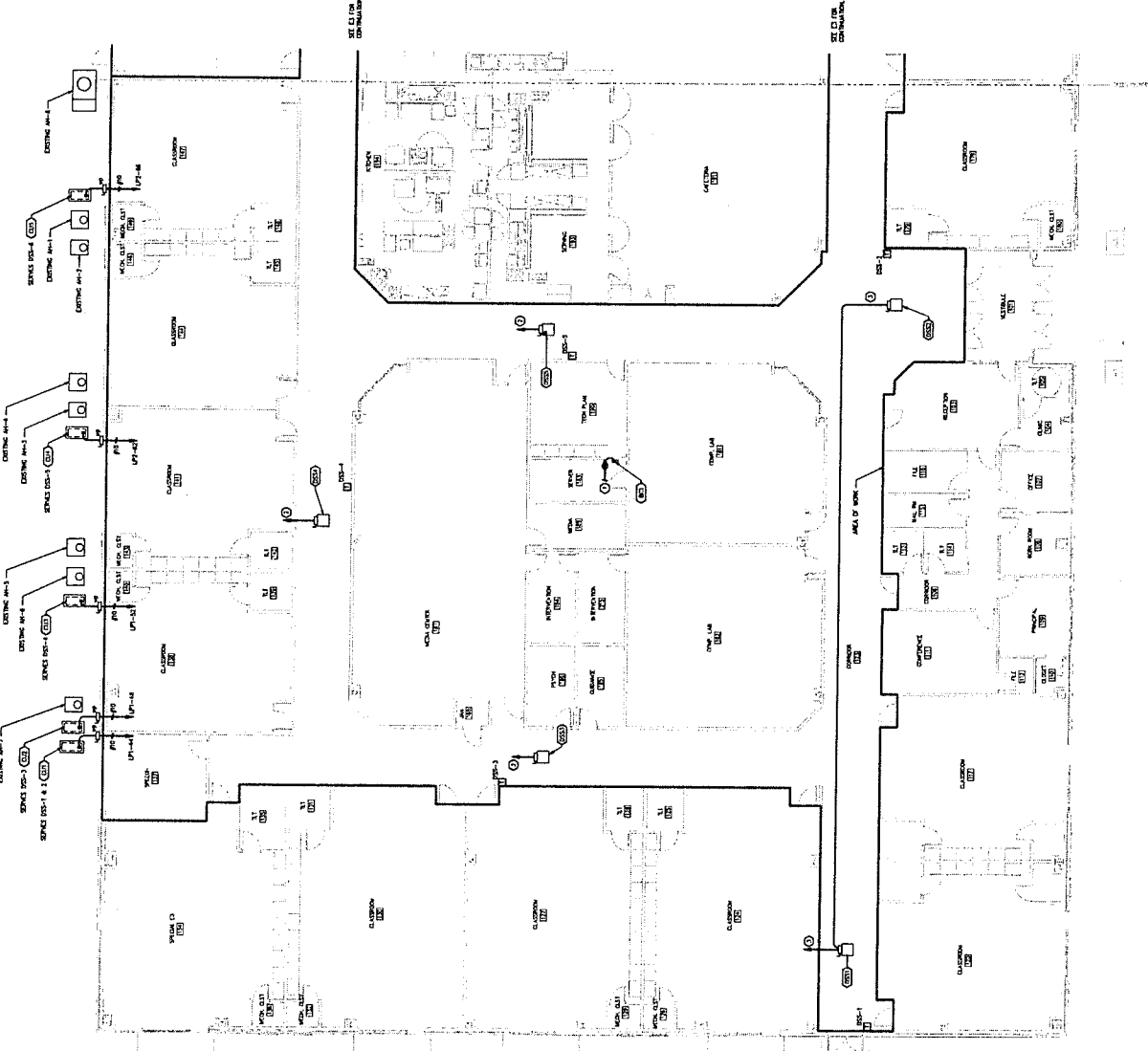


FLOOR PLAN AREA 'A' - ELECTRICAL
A.C. CORRIDORS
PALETTE ELEMENTARY

MEZZANINE FLOOR PLAN
 SCALE: 1/8" = 1'-0"



FLOOR PLAN AREA 'A' - HVAC
 SCALE: 1/8" = 1'-0"



- REVISIONS:**
- 1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING WORK. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING.
 - 2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING WORK. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING.
- NOTES:**
- 1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING WORK. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING.
 - 2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING WORK. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING.

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PALETTE ELEMENTARY A.C. CORRIDORS FLOOR PLAN AREA 'A' - ELECTRICAL

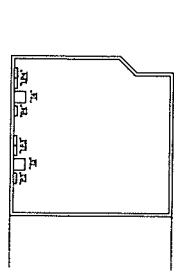
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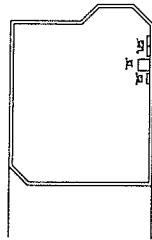
PROJ. NO.	121109
REV.	
CUSTOMER	CLM
DATE	11-03-11
DESIGNED BY	CLM
DRAWN BY	CLM
CHECKED BY	
DATE	
SCALE	
REVISIONS	

- GENERAL AND SPECIAL NOTES:**
- THE CONTRACTOR SHALL VERIFY THE SITE PROVIDED TO BE ACCURATE AND COMPLY WITH ALL CITY, STATE AND FEDERAL REGULATIONS. ALL CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF DALLAS SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE (NEC). THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS.
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- GENERAL NOTES:**
- CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF DALLAS SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE (NEC). THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS.

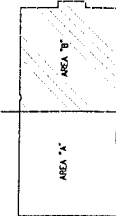
- MECHANICAL NOTES:**
- CONDENSATE PANS SHALL BE PROVIDED FOR ALL AIR HANDLING UNITS (AHUs) AND SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF DALLAS SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE (NEC). THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS.
- ELECTRICAL NOTES:**
- CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF DALLAS SPECIFICATIONS AND THE NATIONAL ELECTRICAL CODE (NEC). THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF DALLAS AND THE STATE OF TEXAS.



MEZZANINE FLOOR PLAN 1
SCALE: 1/8"=1'-0"



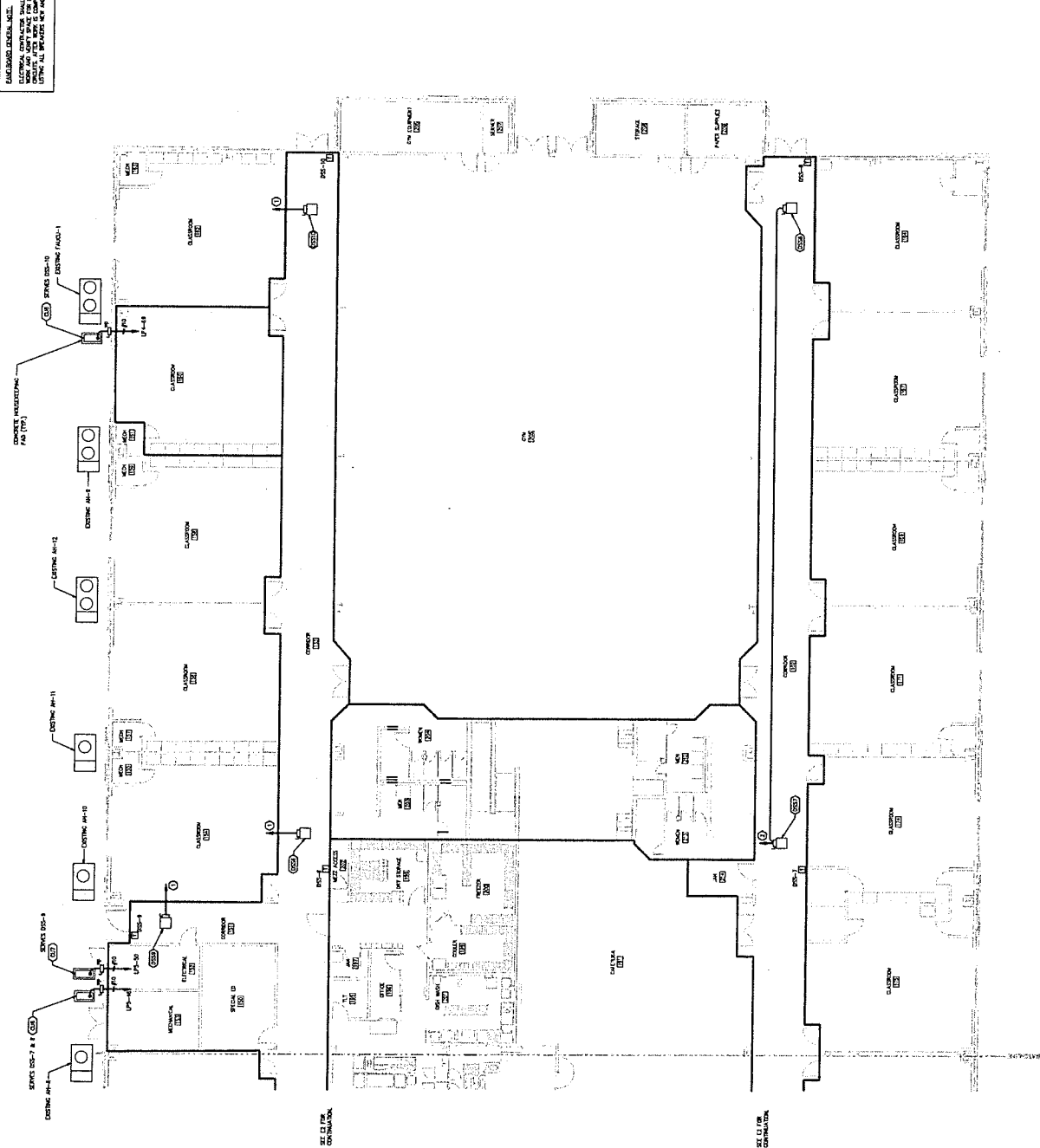
MEZZANINE FLOOR PLAN 2
SCALE: 1/8"=1'-0"



KEYPLAN
SCALE: 1/8"=1'-0"



FLOOR PLAN AREA "B" - HVAC SCALE: 1/8"=1'-0"



HEAT, VENTILATING, AND AIR CONDITIONING SPECIFICATION

PART 1 - GENERAL

1. SUMMARY
 - A. Section Includes
 - 1. Heating, Ventilating, and Air Conditioning System
2. RELATED WORK
 - A. Electrical Work
 - B. Mechanical Work
3. INSTALLATION
 - A. Heating, Ventilating, and Air Conditioning System
4. MAINTENANCE
 - A. Heating, Ventilating, and Air Conditioning System

PART 2 - PRODUCTS

1. HEATING, VENTILATING, AND AIR CONDITIONING SYSTEM
 - A. TYPE AND MAKE
 - 1. Heating, Ventilating, and Air Conditioning System
 - B. CAPACITY
 - 1. Heating, Ventilating, and Air Conditioning System
 - C. CONTROLS
 - 1. Heating, Ventilating, and Air Conditioning System
2. HEATING
 - A. TYPE AND MAKE
 - 1. Heating System
 - B. CAPACITY
 - 1. Heating System
 - C. CONTROLS
 - 1. Heating System
3. VENTILATION
 - A. TYPE AND MAKE
 - 1. Ventilation System
 - B. CAPACITY
 - 1. Ventilation System
 - C. CONTROLS
 - 1. Ventilation System
4. AIR CONDITIONING
 - A. TYPE AND MAKE
 - 1. Air Conditioning System
 - B. CAPACITY
 - 1. Air Conditioning System
 - C. CONTROLS
 - 1. Air Conditioning System

PART 3 - EXECUTION

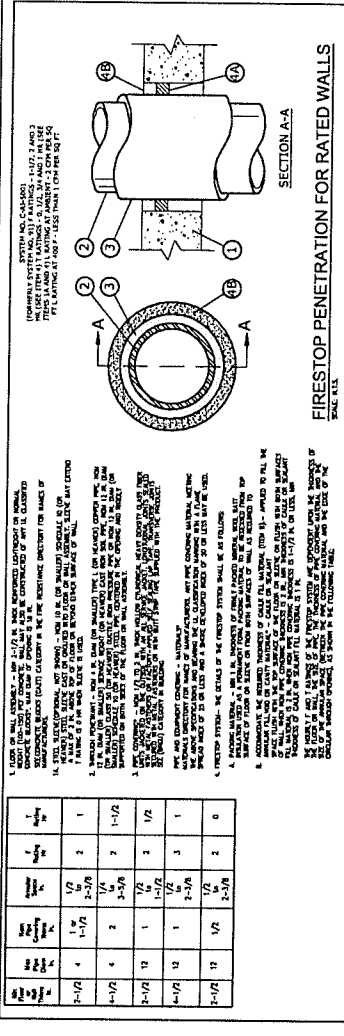
1. PREPARATION
 - A. Verify that all conditions for installation are met.
2. INSTALLATION
 - A. Heating, Ventilating, and Air Conditioning System
3. TESTING
 - A. Heating, Ventilating, and Air Conditioning System
4. MAINTENANCE
 - A. Heating, Ventilating, and Air Conditioning System

TYPICAL DUCTLESS SYSTEM

1. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

2. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

3. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.



CASSETTE DUCTLESS SYSTEM SCHEDULE

TYPE	MODEL	CEILING UNIT	FLOOR UNIT	DUCT	WALL PENETRATION	WALL MOUNTING	WALL MARKER
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
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24	24	24	24	24	24	24	24
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48	48	48	48	48	48	48	48
49	49	49	49	49	49	49	49
50	50	50	50	50	50	50	50

MECHANICAL LEGEND

1. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

2. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

3. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

MECHANICAL LEGEND

1. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

2. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

3. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.



DATE:	11-08-02
PROJECT:	PAULETTE ELEMENTARY
DESIGNER:	WEST, WELCH REED ENGINEERS, INC.
CHECKED:	[Signature]
DATE:	11-08-02
SCALE:	AS SHOWN

- GENERAL NOTE:**
1. CONTRACTOR SHALL VERIFY THE EXISTING SYSTEMS AND EQUIPMENT. ALL SYSTEMS SHALL BE MAINTAINED AND PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD.
 2. THE CONTRACTOR SHALL VERIFY THE EXISTING SYSTEMS AND EQUIPMENT. ALL SYSTEMS SHALL BE MAINTAINED AND PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD.
 3. THE CONTRACTOR SHALL VERIFY THE EXISTING SYSTEMS AND EQUIPMENT. ALL SYSTEMS SHALL BE MAINTAINED AND PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD.
 4. CONTRACTOR SHALL VERIFY THE EXISTING SYSTEMS AND EQUIPMENT. ALL SYSTEMS SHALL BE MAINTAINED AND PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD.
 5. CONTRACTOR SHALL VERIFY THE EXISTING SYSTEMS AND EQUIPMENT. ALL SYSTEMS SHALL BE MAINTAINED AND PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD.
- REVISIONS:**
1. CORRECTIVE ACTION: [Description]
 2. CORRECTIVE ACTION: [Description]
 3. CORRECTIVE ACTION: [Description]
 4. CORRECTIVE ACTION: [Description]
 5. CORRECTIVE ACTION: [Description]

VERIFY EXISTING EQUIPMENT TO BE MAINTAINED:

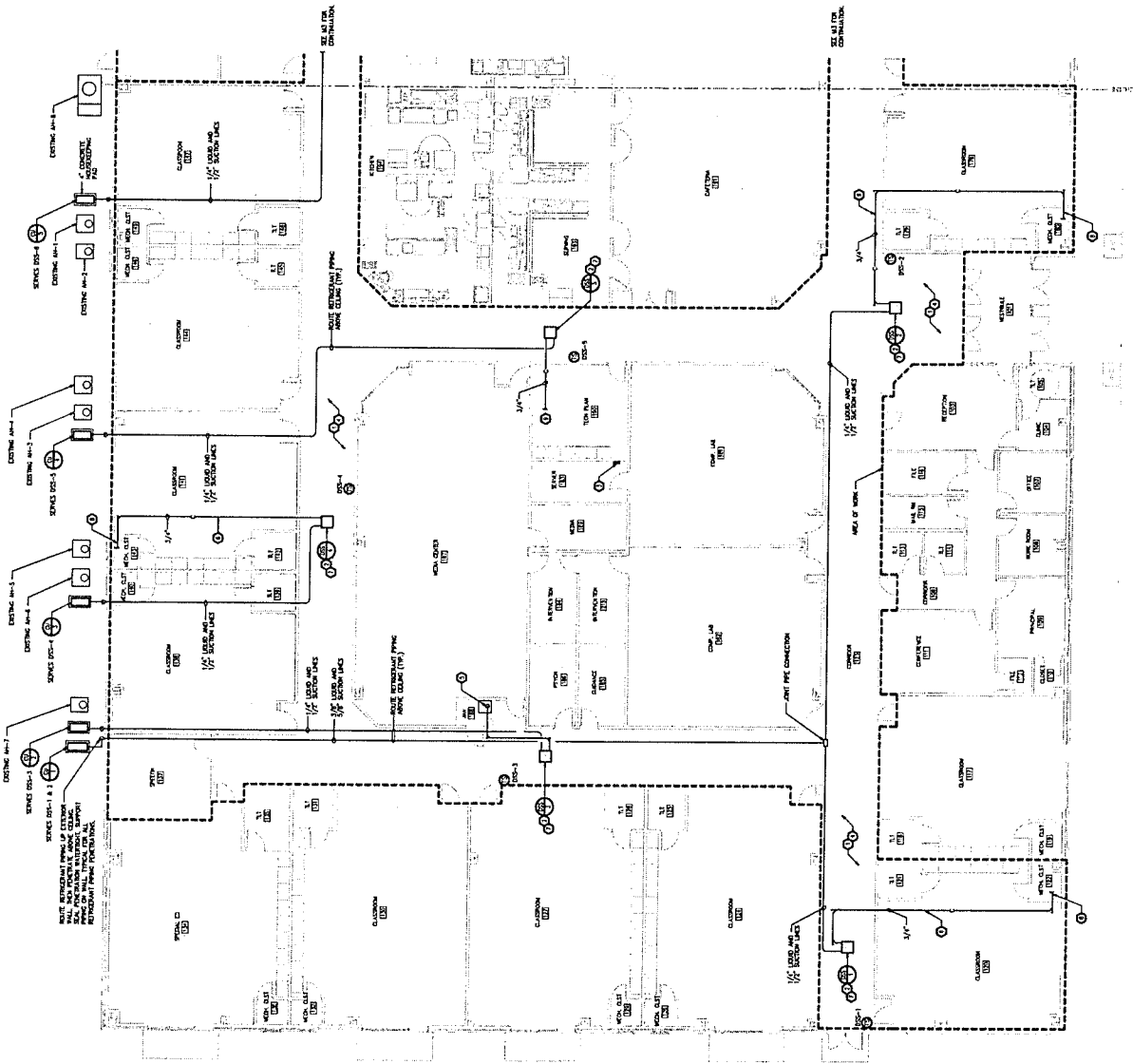
1. VERIFY EXISTING EQUIPMENT TO BE MAINTAINED.

2. VERIFY EXISTING EQUIPMENT TO BE MAINTAINED.

3. VERIFY EXISTING EQUIPMENT TO BE MAINTAINED.

4. VERIFY EXISTING EQUIPMENT TO BE MAINTAINED.

5. VERIFY EXISTING EQUIPMENT TO BE MAINTAINED.



FLOOR PLAN AREA "A" - HVAC
 SCALE: 1/8" = 1'-0"

WEST, WELCH REED ENGINEERS, INC.
 4115 N. W. 13th Street, Fort Lauderdale, FL 33304
 TEL: (305) 443-8800
 FAX: (305) 443-8801

**PALETTE ELEMENTARY
 A.C. CORRIDORS
 FLOOR PLAN AREA "B" - HVAC**

121109
 DATE: 11-08-03
 DRAWN: MAM
 CHECKED: MAM
 DESIGNED: MAM
 PROJECT: M3

M3

- GENERAL NOTES:**
1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITY LINES AND RECORD THEM AS SHOWN ON THE UTILITIES PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING UTILITY LINES AND RECORD THEM AS SHOWN ON THE UTILITIES PLAN.
 2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING STRUCTURAL WALLS AND RECORD THEM AS SHOWN ON THE STRUCTURAL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING STRUCTURAL WALLS AND RECORD THEM AS SHOWN ON THE STRUCTURAL PLAN.
 3. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING ELECTRICAL PANELS AND RECORD THEM AS SHOWN ON THE ELECTRICAL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING ELECTRICAL PANELS AND RECORD THEM AS SHOWN ON THE ELECTRICAL PLAN.
 4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING MECHANICAL EQUIPMENT AND RECORD THEM AS SHOWN ON THE MECHANICAL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING MECHANICAL EQUIPMENT AND RECORD THEM AS SHOWN ON THE MECHANICAL PLAN.
 5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING VENTILATION INTAKES AND RECORD THEM AS SHOWN ON THE VENTILATION PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING VENTILATION INTAKES AND RECORD THEM AS SHOWN ON THE VENTILATION PLAN.
 6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING EXHAUST SYSTEMS AND RECORD THEM AS SHOWN ON THE EXHAUST PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING EXHAUST SYSTEMS AND RECORD THEM AS SHOWN ON THE EXHAUST PLAN.
 7. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING CONDENSATE LINES AND RECORD THEM AS SHOWN ON THE CONDENSATE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING CONDENSATE LINES AND RECORD THEM AS SHOWN ON THE CONDENSATE PLAN.
 8. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING GAS LINES AND RECORD THEM AS SHOWN ON THE GAS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING GAS LINES AND RECORD THEM AS SHOWN ON THE GAS PLAN.
 9. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING WATER LINES AND RECORD THEM AS SHOWN ON THE WATER PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING WATER LINES AND RECORD THEM AS SHOWN ON THE WATER PLAN.
 10. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING SEWER LINES AND RECORD THEM AS SHOWN ON THE SEWER PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING SEWER LINES AND RECORD THEM AS SHOWN ON THE SEWER PLAN.
 11. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING TELEPHONE CABLES AND RECORD THEM AS SHOWN ON THE TELEPHONE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING TELEPHONE CABLES AND RECORD THEM AS SHOWN ON THE TELEPHONE PLAN.
 12. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING CABLE TV LINES AND RECORD THEM AS SHOWN ON THE CABLE TV PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING CABLE TV LINES AND RECORD THEM AS SHOWN ON THE CABLE TV PLAN.
 13. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING FIRE ALARMS AND RECORD THEM AS SHOWN ON THE FIRE ALARM PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING FIRE ALARMS AND RECORD THEM AS SHOWN ON THE FIRE ALARM PLAN.
 14. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING SECURITY SYSTEMS AND RECORD THEM AS SHOWN ON THE SECURITY SYSTEM PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING SECURITY SYSTEMS AND RECORD THEM AS SHOWN ON THE SECURITY SYSTEM PLAN.
 15. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING DATA CABLES AND RECORD THEM AS SHOWN ON THE DATA CABLE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTH OF ALL EXISTING DATA CABLES AND RECORD THEM AS SHOWN ON THE DATA CABLE PLAN.

EXHIBIT INFORMATION ON SHEETS:

MECHANICAL SYSTEMS SHALL BE INSTALLED AND PROVIDED AS SHOWN ON SHEETS MECHANICAL-1 THROUGH MECHANICAL-5.

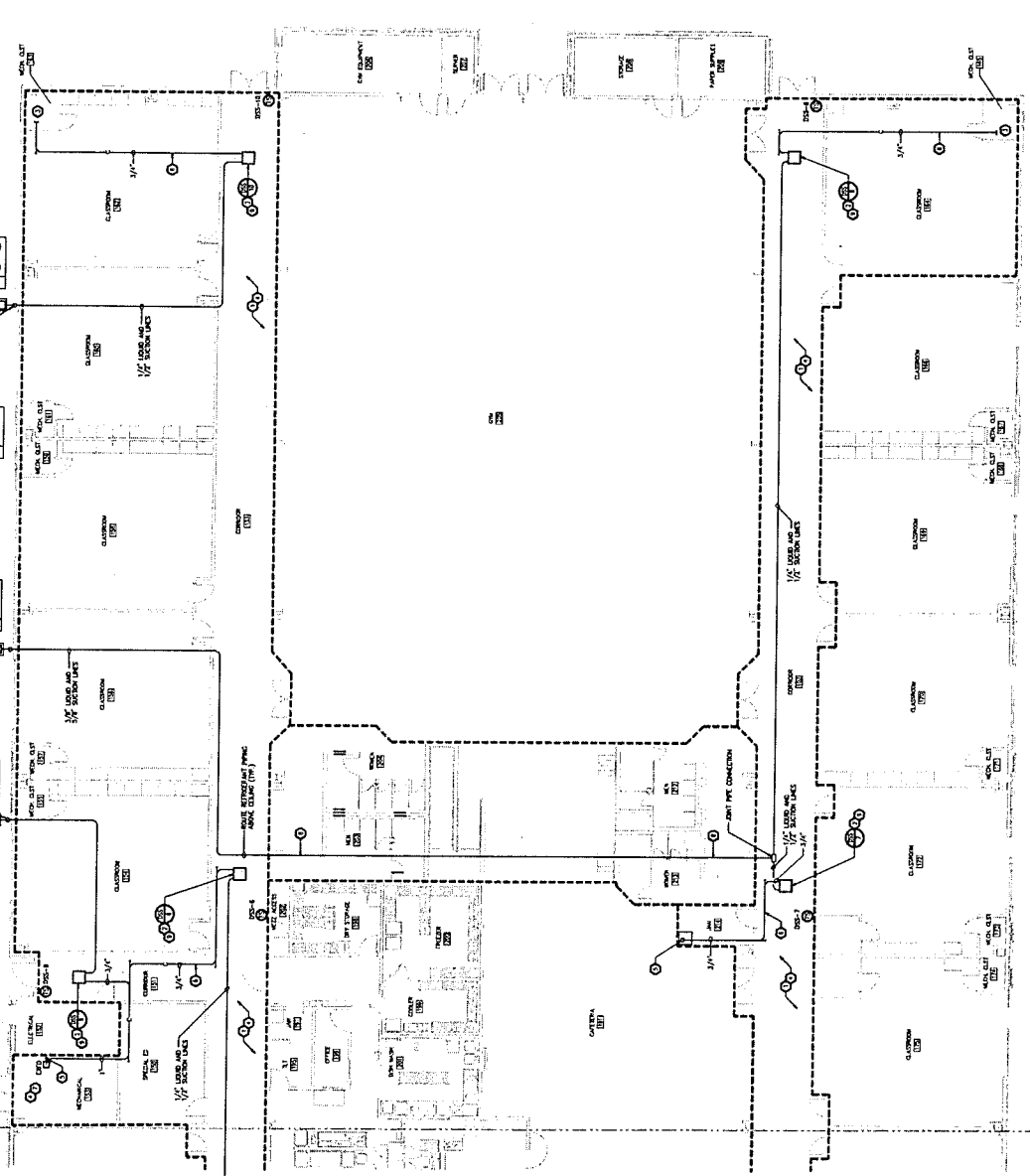
ELECTRICAL SYSTEMS SHALL BE INSTALLED AND PROVIDED AS SHOWN ON SHEETS ELECTRICAL-1 THROUGH ELECTRICAL-5.

PLUMBING SYSTEMS SHALL BE INSTALLED AND PROVIDED AS SHOWN ON SHEETS PLUMBING-1 THROUGH PLUMBING-5.

FIRE ALARM SYSTEMS SHALL BE INSTALLED AND PROVIDED AS SHOWN ON SHEETS FIRE ALARM-1 THROUGH FIRE ALARM-5.

SECURITY SYSTEMS SHALL BE INSTALLED AND PROVIDED AS SHOWN ON SHEETS SECURITY SYSTEM-1 THROUGH SECURITY SYSTEM-5.

DATA CABLES SHALL BE INSTALLED AND PROVIDED AS SHOWN ON SHEETS DATA CABLE-1 THROUGH DATA CABLE-5.



KEYPLAN
 SCALE: 1/8" = 1'-0"

FLOOR PLAN AREA "B" - HVAC
 SCALE: 1/8" = 1'-0"

WWR
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 ARCHITECTS & MECHANICAL ENGINEERS
 315 WEST 11TH AVENUE
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 FAX: (303) 733-7788