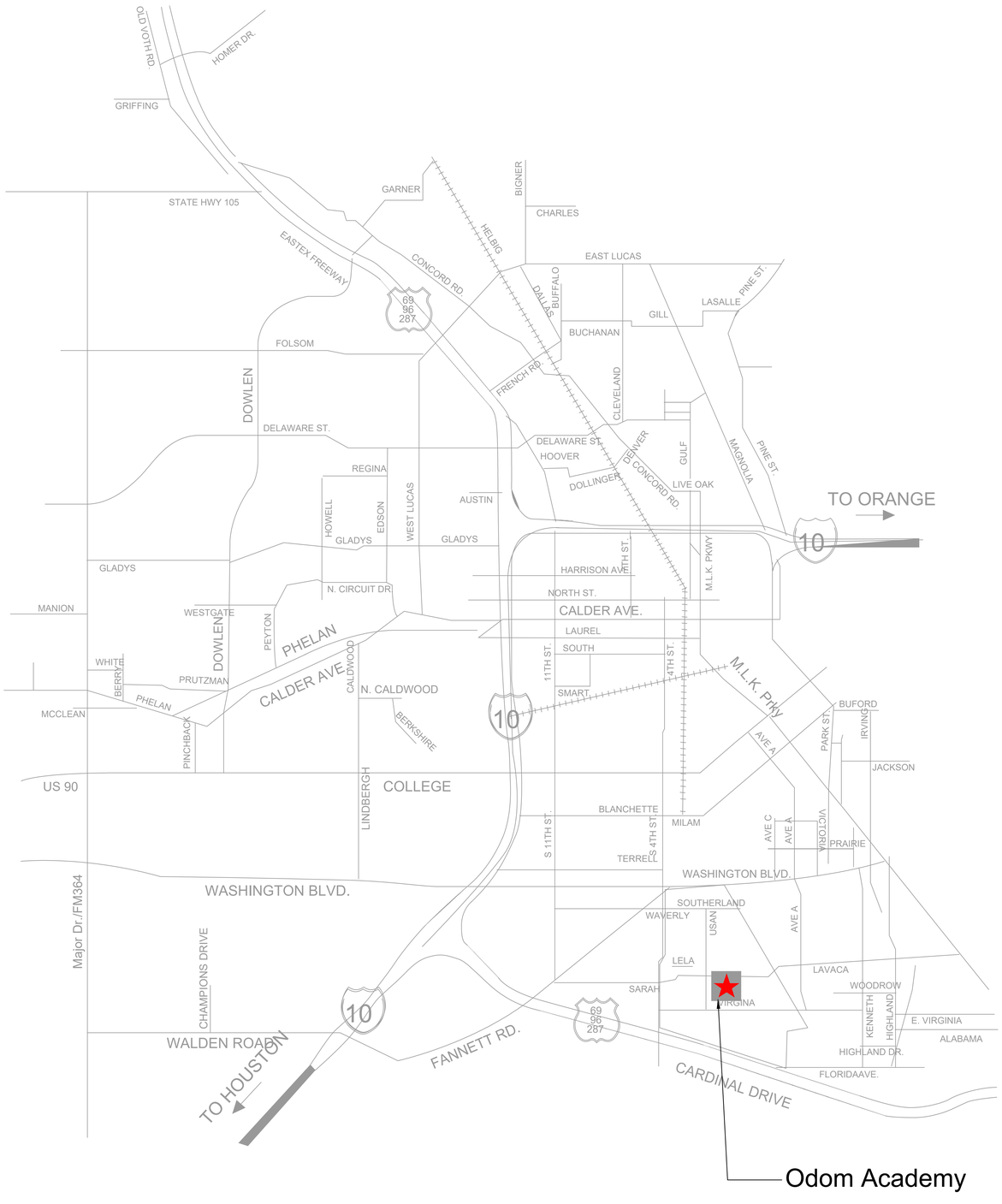
Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2650-00754-00

BEAUMONT INDEPENDENT SCHOOL DISTRICT
HVAC REPLACEMENT PROJECT
AT ODOM ACADEMY

CSP #26.16

ODOM ACADEMY
2550 WEST VIRGINIA ST, BEAUMONT, TX 77705

SITE LOCATIONS



LIST OF DRAWINGS:

CS0.01 COVER SHEET - LIST OF DRAWINGS
CS0.02 COVER SHEET - SITE

ODOM ACADEMY

M1.00 MECHANICAL COMPOSITE FLOOR PLAN - ODOM ACADEMY
M1.01 MECHANICAL DEMOLITION ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY
M1.02 MECHANICAL DEMOLITION ENLARGED FLOOR PLAN - CLASSROOMS - ODOM ACADEMY
M2.01 MECHANICAL ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY
M2.02 MECHANICAL ENLARGED FLOOR PLAN - CLASSROOMS - ODOM ACADEMY
M3.01 MECHANICAL DETAILS, LEGENDS, AND SCHEDULES - ODOM ACADEMY
E1.01 ELECTRICAL DEMOLITION FLOOR PLAN - ODOM ACADEMY
E2.01 ELECTRICAL POWER FLOOR PLAN - ODOM ACADEMY
E3.01 ELECTRICAL DETAILS, SCHEDULES, AND LEGENDS - ODOM ACADEMY
P1.01 PLUMBING ENLARGED FLOOR PLAN - ODOM ACADEMY
P2.01 PLUMBING SCHEDULES AND DETAILS - ODOM ACADEMY

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05-21-2026

ISSUE DATE	DESCRIPTION
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Beaumont Independent School District

HVAC REPLACEMENT PROJECT AT ODOM ACADEMY

CSP# 26.16

Odom Academy
2550 West Virginia St, Beaumont, TX 77705

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REVISIONS

Δ	DESCRIPTION	DATE

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SHEET NAME
COVER SHEET - LIST OF DRAWINGS

SHEET NUMBER CS0.01
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2550 WEST VIRGINIA ST, BEAUMONT, TX 77705

AREA OF WORK



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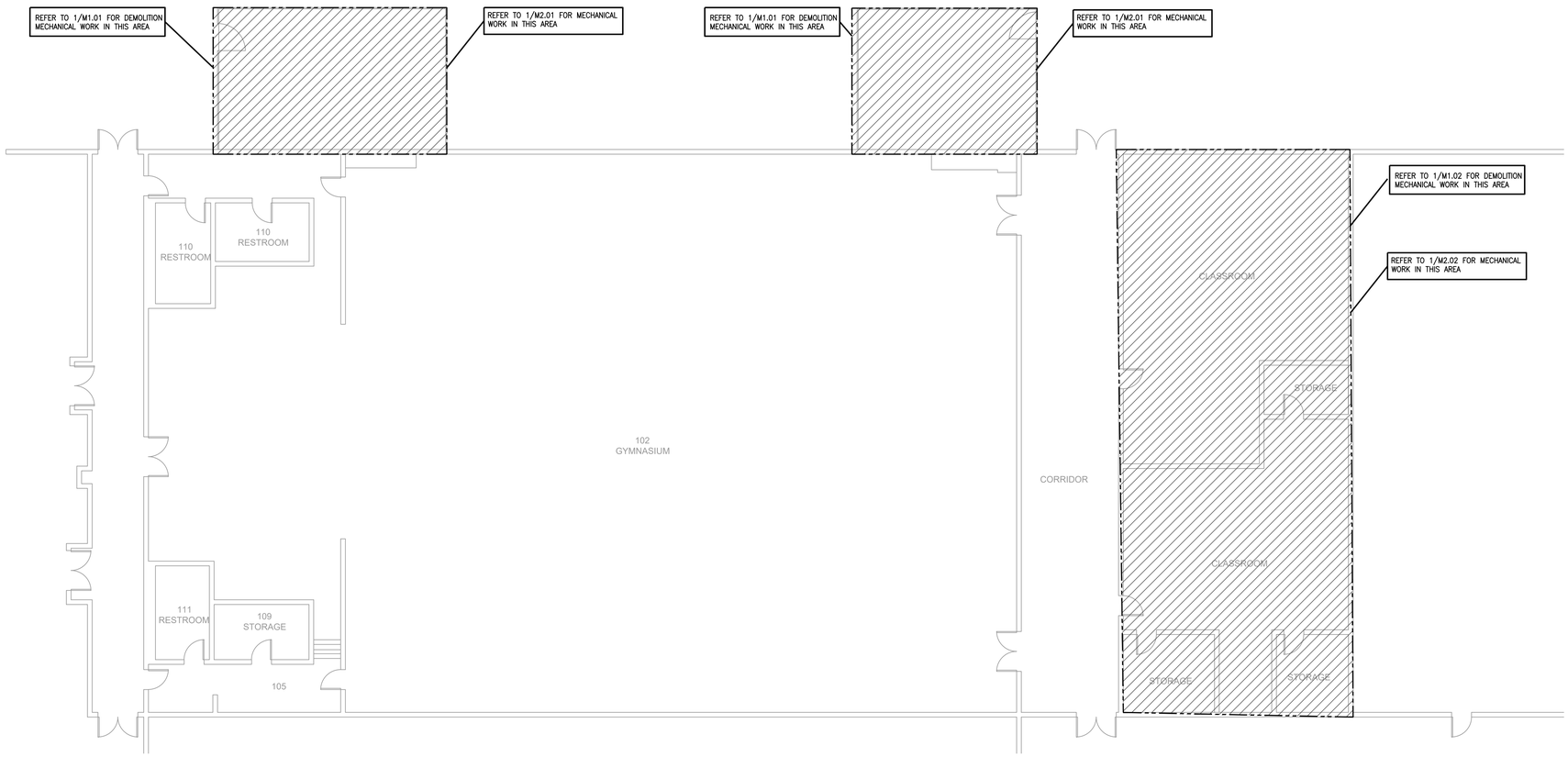
REVISIONS

Δ	DESCRIPTION	DATE

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DRAWN BY: MT

SHEET NAME
COVER SHEET - SITE

SHEET NUMBER: CS0.02
REVISION:



N

1 **MECHANICAL COMPOSITE FLOOR PLAN - OLD GYM - ODOM ACADEMY**
SCALE: 1/8" = 1'-0"

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SHEET NAME

MECHANICAL COMPOSITE FLOOR PLAN - OLD GYM - ODOM ACADEMY

SHEET NUMBER M1.00

REVISION

MECHANICAL DEMOLITION GENERAL NOTES

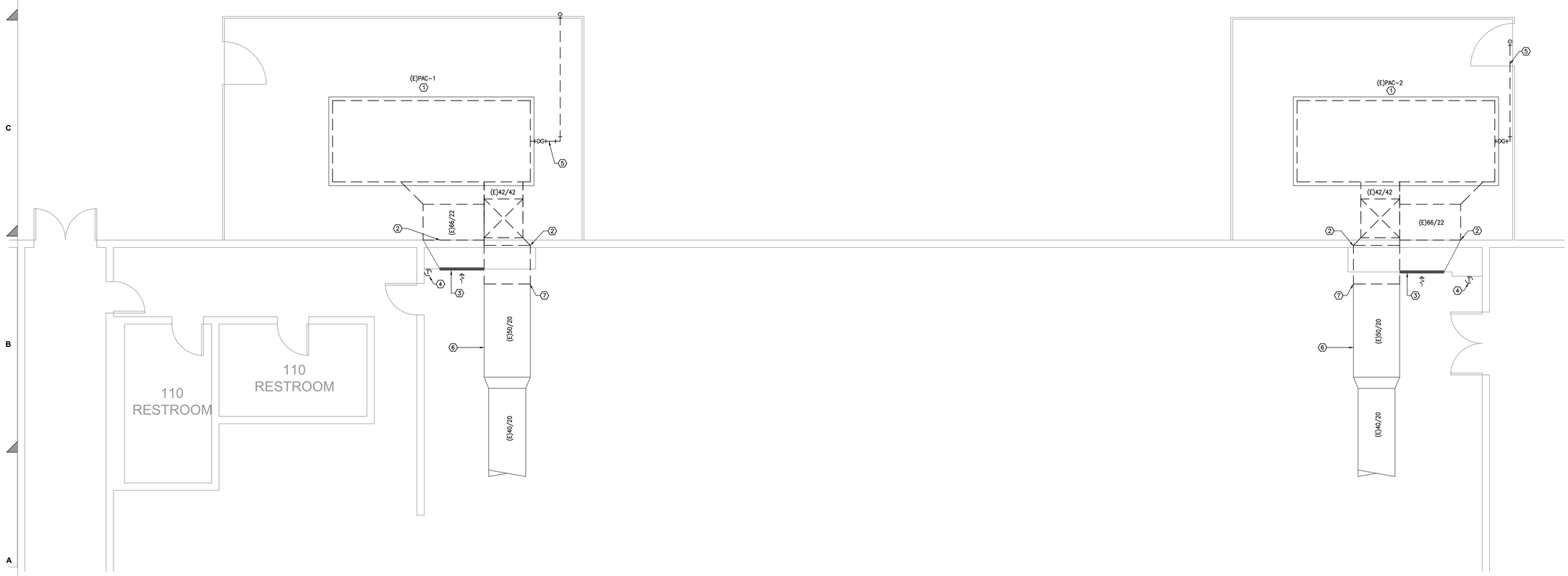
1. THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD–VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
2. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.
3. REMOVE ALL EXISTING SPACE MOUNTED TEMPERATURE AND HUMIDITY SENSORS NOT BEING REUSED. PROVIDE STAINLESS STEEL COVER PLATES.
4. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO CONDENSING UNITS, AIR HANDLING UNITS, AND CONTROLS.

MECHANICAL DEMOLITION KEYED NOTES

1. REMOVE EXISTING PACKAGED AIR COOLED GROUND MOUNTED UNIT, ASSOCIATED CONTROLS, AND ALL OTHER ASSOCIATED APPURTENANCES. EXISTING CONCRETE PAD SHALL REMAIN.
2. REMOVE EXISTING OUTDOOR DUCTWORK TO POINT INDICATED.
3. EXISTING RETURN AIR GRILLE / LOUVER SHALL REMAIN.
4. EXISTING THERMOSTAT SHALL BE REMOVED.
5. REMOVE EXISTING CONDENSATE PIPE.
6. EXISTING DUCTWORK SHALL REMAIN.
7. REMOVE EXISTING DUCTWORK UP TO THIS UNIT.

DEMO SYMBOL LEGEND	
RENOVATIONS	
	ITEM TO REMAIN
	ITEM TO BE REMOVED

THROUGHOUT CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY AND RENTAL EQUIPMENT, INCLUDING POWER FOR SUCH EQUIPMENT, AND TO PROVIDE PHASING TO ENSURE SPACE TEMPERATURE AND HUMIDITY IS MAINTAINED.



N

1 MECHANICAL DEMOLITION ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY
SCALE: 1/4" = 1'–0"

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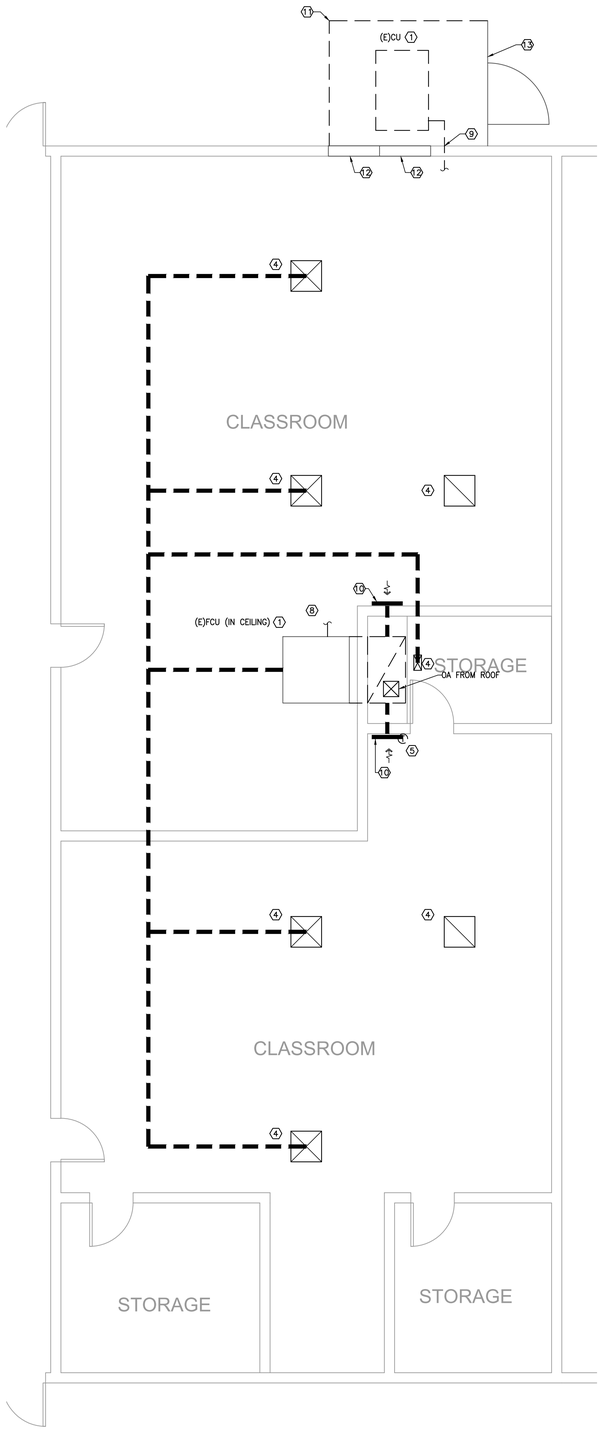
Δ	DESCRIPTION	DATE

CHECKED BY: SH
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SHEET NAME
MECHANICAL DEMOLITION ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY

SHEET NUMBER
M1.01

REVISION



N

1 **MECHANICAL DEMOLITION ENLARGED FLOOR PLAN - CLASSROOMS - ODOM ACADEMY**
SCALE: 1/4" = 1'-0"

MECHANICAL DEMOLITION GENERAL NOTES

1. THESE CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC, AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
2. ALL MECHANICAL SYSTEMS SHOWN ON THIS PLAN ARE FROM EXISTING PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS AND SIZES OF MECHANICAL SYSTEMS PRIOR TO THE START OF WORK.
3. REMOVE ALL EXISTING SPACE MOUNTED TEMPERATURE AND HUMIDITY SENSORS NOT BEING REUSED. PROVIDE STAINLESS STEEL COVER PLATES.
4. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL HVAC EQUIPMENT BEING REMOVED FROM THIS PROJECT. THIS INCLUDES BUT NOT LIMITED TO CONDENSING UNITS, AIR HANDLING UNITS, AND CONTROLS.

MECHANICAL DEMOLITION KEYED NOTES

1. EXISTING FAN COIL UNIT SHALL REMAIN AND ABANDONED IN PLACE. REMOVE DUCTWORK, CONTROLS AND ALL ASSOCIATED APPURTENANCES.
2. REMOVE EXISTING CONDENSING UNIT, ASSOCIATED CONTROLS, CONCRETE PAD FENCE, AND ALL OTHER ASSOCIATED APPURTENANCES.
3. REMOVE EXISTING DUCTWORK TO POINT INDICATED.
4. EXISTING AIR DIFFUSER SHALL BE REMOVED.
5. EXISTING THERMOSTAT SHALL BE REMOVED.
6. REMOVE EXISTING CONDENSATE PIPE TO POINT INDICATED.
7. REMOVE EXISTING RETURN GRILLE AND PATCH WALL TO MATCH EXISTING.
8. REMOVE EXITING CONDENSATE DRAIN PIPE.
9. REMOVE EXITING REFRIGERANT PIPING. PATCH WALL AND PAINT TO MATCH EXISTING.
10. BLANK OFF EXISTING WALL GRILLE AND ABANDON EXISTING DUCTWORK IN CHASE.
11. EXISTING FENCE SHALL BE EXTENDED FOR NEW EQUIPMENT. SEE NEW FLOOR PLAN M2.02 FOR EXTENDED FENCE AND NEW CONCRETE PAD.
12. EXISTING LOUVER TO REMAIN.
13. EXISTING FENCE AND GATE SHALL REMAIN.

DEMO SYMBOL LEGEND	
RENOVATIONS	
	ITEM TO REMAIN
	ITEM TO BE REMOVED

THROUGHOUT CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY AND RENTAL EQUIPMENT, INCLUDING POWER FOR SUCH EQUIPMENT, AND TO PROVIDE PHASING TO ENSURE SPACE TEMPERATURE AND HUMIDITY IS MAINTAINED.

CONTRACTOR SHALL REMOVE AND REPLACE CEILING WHERE REQUIRED TO COMPLETE THE INDICATED SCOPE OF PROJECT WORK. EXISTING CEILING SHALL BE RE-INSTALLED IN THE EXACT CONDITION AS EXISTING PRIOR TO THE BEGINNING OF CONSTRUCTION. IF A MATCH IS NOT POSSIBLE, CONTRACTOR SHALL REPLACE CEILING FROM WALL TO WALL OR BOUNDARY SEPARATION IN CORRIDOR, CLASSROOM, OR ANY OTHER SPACE.

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Beaumont ISD
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2650-00754-00
Beaumont Independent School District

HVAC REPLACEMENT PROJECT AT ODOM ACADEMY

CSP# 26.16

Odom Academy
2550 West Virginia St, Beaumont, TX 77705

NOTES

REVISIONS

Δ	DESCRIPTION	DATE

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SHEET NAME
MECHANICAL DEMOLITION ENLARGED FLOOR PLAN - CLASSROOMS - ODOM ACADEMY

SHEET NUMBER: M1.02
REVISION:

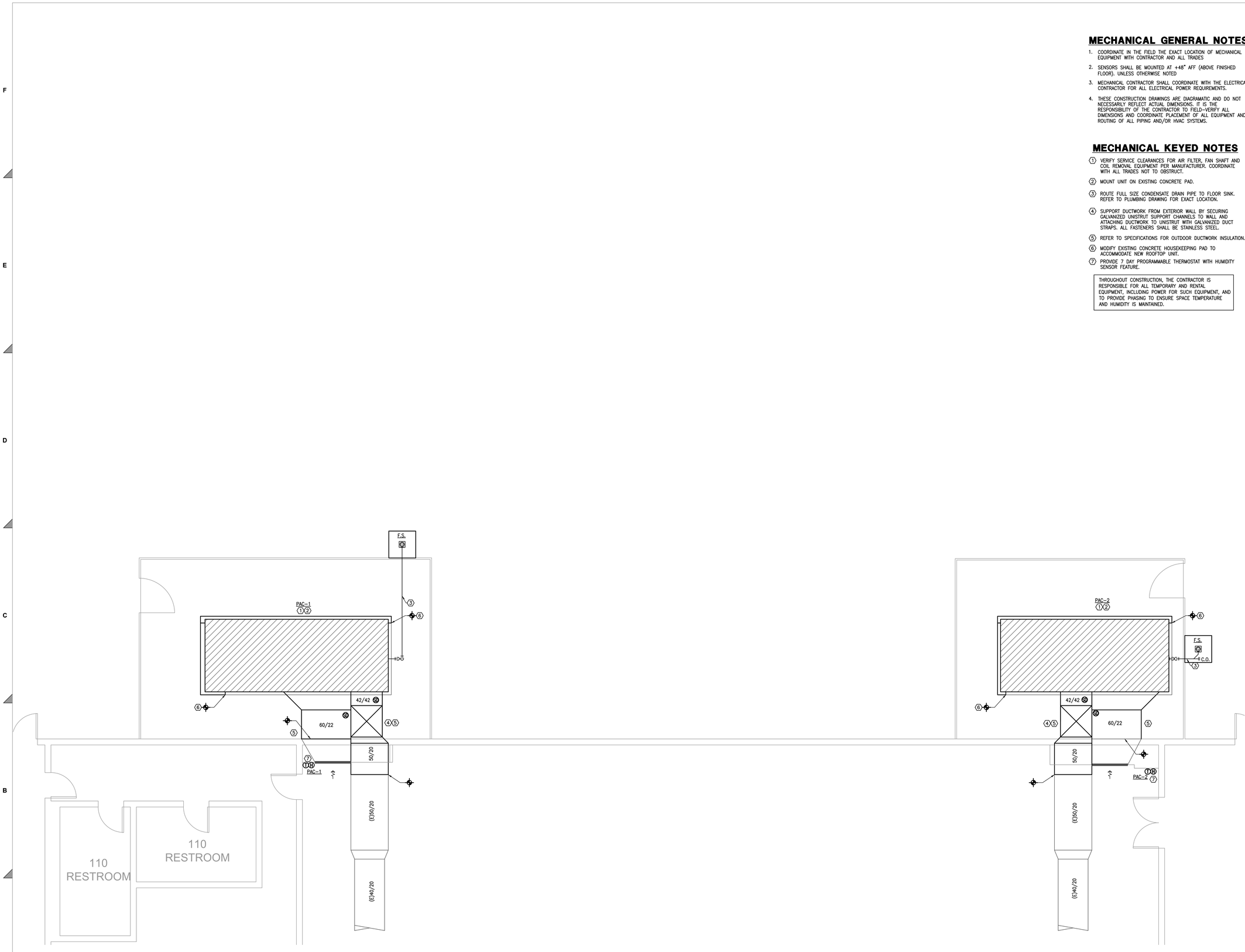
MECHANICAL GENERAL NOTES

1. COORDINATE IN THE FIELD THE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH CONTRACTOR AND ALL TRADES
2. SENSORS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED
3. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4. THESE CONSTRUCTION DRAWINGS ARE DIAGRAMATIC AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR HVAC SYSTEMS.

MECHANICAL KEYED NOTES

1. VERIFY SERVICE CLEARANCES FOR AIR FILTER, FAN SHAFT AND COIL REMOVAL EQUIPMENT PER MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
2. MOUNT UNIT ON EXISTING CONCRETE PAD.
3. ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR SINK. REFER TO PLUMBING DRAWING FOR EXACT LOCATION.
4. SUPPORT DUCTWORK FROM EXTERIOR WALL BY SECURING GALVANIZED UNISTRUT SUPPORT CHANNELS TO WALL AND ATTACHING DUCTWORK TO UNISTRUT WITH GALVANIZED DUCT STRAPS. ALL FASTENERS SHALL BE STAINLESS STEEL.
5. REFER TO SPECIFICATIONS FOR OUTDOOR DUCTWORK INSULATION.
6. MODIFY EXISTING CONCRETE HOUSEKEEPING PAD TO ACCOMMODATE NEW ROOFTOP UNIT.
7. PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT WITH HUMIDITY SENSOR FEATURE.

THROUGHOUT CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY AND RENTAL EQUIPMENT, INCLUDING POWER FOR SUCH EQUIPMENT, AND TO PROVIDE PHASING TO ENSURE SPACE TEMPERATURE AND HUMIDITY IS MAINTAINED.



N

1 **MECHANICAL ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY**
SCALE: 1/4" = 1'-0"

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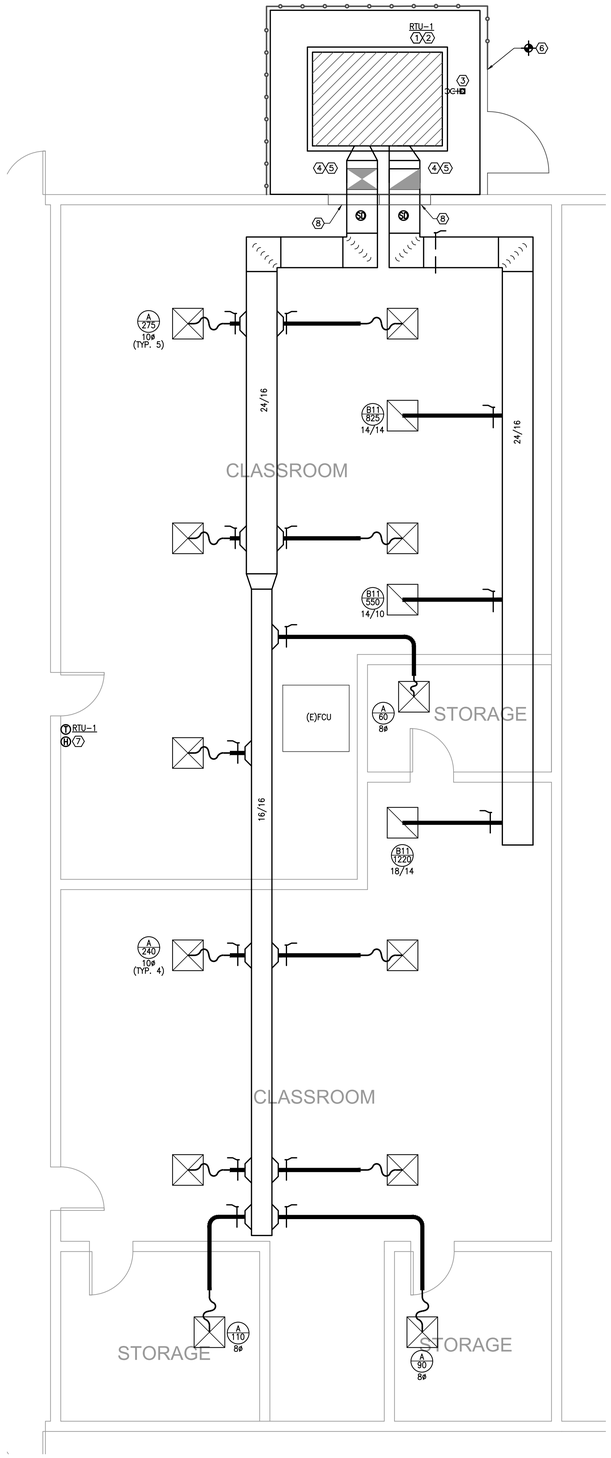
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SHEET NAME

MECHANICAL ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY

SHEET NUMBER	REVISION
M2.01	



N

1 **MECHANICAL ENLARGED FLOOR PLAN - CLASSROOMS - ODOM ACADEMY**
SCALE: 1/4" = 1'-0"

MECHANICAL GENERAL NOTES

1. COORDINATE IN THE FIELD THE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH CONTRACTOR AND ALL TRADES
2. SENSORS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS OTHERWISE NOTED
3. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
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MECHANICAL KEYED NOTES

1. VERIFY SERVICE CLEARANCES FOR AIR FILTER, FAN SHAFT AND COIL REMOVAL EQUIPMENT PER MANUFACTURER. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
2. MOUNT UNIT ON HOUSEKEEPING CONCRETE PAD.
3. ROUTE FULL SIZE CONDENSATE DRAIN LINE TO FLOOR DRAIN LINE. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION. INSTALL TRAP AS RECOMMENDED BY MANUFACTURER.
4. SUPPORT EXTERIOR DOUBLE WALL DUCTWORK FROM EXTERIOR WALL BY SECURING GALVANIZED UNISTRUT SUPPORT CHANNELS TO WALL AND ATTACHING DUCTWORK TO UNISTRUT WITH GALVANIZED DUCT STRAPS. ALL FASTENERS SHALL BE STAINLESS STEEL.
5. PROVIDE ENCLOSED DUCT SUPPORT MODEL PHP-D.
6. EXTEND EXISTING FENCE AND POUR NEW CONCRETE HOUSE KEEPING PAD. FOR NEW EQUIPMENT.
7. PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT WITH HUMIDITY SENSOR FEATURE.
8. ROUTE NEW DUCTWORK THROUGH EXISTING LOUVER. BLANK OFF UNUSED AREA AND SEAL AIR TIGHT WITH SHEET METAL, MASTIC, AND INSULATION BOARD.

CONTRACTOR SHALL REMOVE AND REPLACE CEILING WHERE REQUIRED TO COMPLETE THE INDICATED SCOPE OF PROJECT WORK. EXISTING CEILING SHALL BE RE-INSTALLED IN THE EXACT CONDITION AS EXISTING PRIOR TO THE BEGINNING OF CONSTRUCTION. IF A MATCH IS NOT POSSIBLE, CONTRACTOR SHALL REPLACE CEILING FROM WALL TO WALL OR BOUNDARY SEPARATION IN CORRIDOR, CLASSROOM, OR ANY OTHER SPACE.

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SHEET NAME
MECHANICAL ENLARGED FLOOR PLAN - CLASSROOMS - ODOM ACADEMY

SHEET NUMBER: **M2.02**
REVISION:

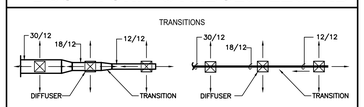
SYMBOL LEGEND

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
GENERAL	
(#)	KEY NOTE TAG
(#)	NOTE SPECIFIC TO DETAIL TAG
	REVISION TAG
	NEW EQUIPMENT
DUCTWORK	
	SUPPLY AIR DUCTWORK
	RETURN AIR AND OUTSIDE AIR DUCTWORK
	EXHAUST AIR DUCTWORK
	FLEXIBLE DUCTWORK
	SUPPLY AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	RETURN AIR AND OUTSIDE AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	EXHAUST AIR DUCTWORK THROUGH HORIZONTAL PARTITION
	FIRE DAMPER (VERTICAL)
	FIRE DAMPER (HORIZONTAL)
	SMOKE DAMPER (VERTICAL)
	SMOKE DAMPER (HORIZONTAL)
	COMBINATION FIRE & SMOKE DAMPER (VERTICAL)
	COMBINATION FIRE & SMOKE DAMPER (HORIZONTAL)
	MANUAL BALANCING DAMPER (SEE DAMPER SCHEDULE)
	MOTORIZED DAMPER (SEE DAMPER SCHEDULE)
SENSORS	
T	THERMOSTAT AND TEMPERATURE SENSOR
H	HUMIDISTAT
SD	SMOKE DETECTOR
HD	HEAT DETECTOR
PIPING	
—D—	CONDENSATE DRAIN LINE
	ELBOW UP
	ELBOW DOWN
	90° ELBOW
	45° ELBOW
	TEE
	TEE DOWN
	TEE UP
	TOP BRANCH CONNECTION
	BOTTOM BRANCH CONNECTION
	FLANGE
	CAP
	CONTINUATION
	FLOOR DRAIN (REFER TO PLUMBING DRAWINGS)
SUBSCRIPTS AND ABREVIATIONS	
AFF	ABOVE FINISHED FLOOR
BBS	BELOW BOTTOM OF STRUCTURE
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
CA	COMBUSTION AIR
CFM	CUBIC FEET PER MINUTE
EA	EXHAUST AIR
FPM	FEET PER MINUTE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
RENOVATIONS	
	POINT OF CONNECTION FROM NEW TO EXISTING
	ITEM TO REMAIN
	ITEM TO BE REMOVED

MS03

DUCTWORK SYMBOLS LEGEND

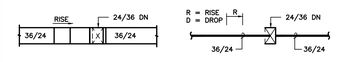
TRANSITIONS



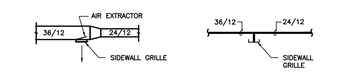
MAIN BRANCH TAKE-OFFS



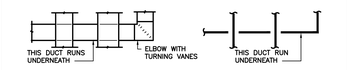
RISERS



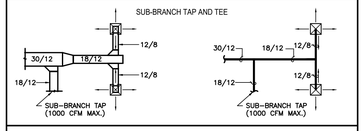
SIDEWALL REGISTERS



DUCT CROSSOVERS



SUB-BRANCH TAP AND TEE



TWO LINE DUCTWORK LEGEND

RECTANGULAR DUCTWORK

30/16

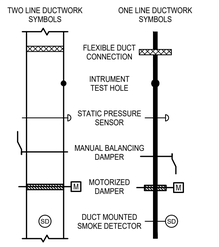
ROUND DUCTWORK

30"Ø

FLAT OVAL DUCTWORK

30x16

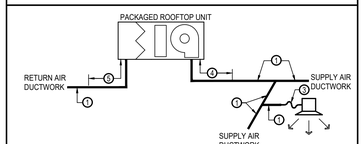
TWO LINE DUCTWORK SYMBOLS



ONE LINE DUCTWORK SYMBOLS

MS02

DUCT LINER AND INSULATION



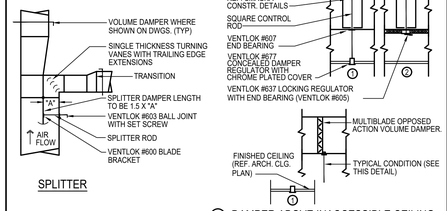
PACKAGED ROOFTOP UNIT

NOTES

1. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
2. SHEETMETAL DUCTWORK RETURN AIR PLENUM WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
3. FLEXIBLE DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED.
4. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT DISCHARGE TO 10'-0" DOWNSTREAM.
5. SHEETMETAL DUCTWORK WITH EXTERNAL DUCTWORK INSULATION AS SPECIFIED AND 1" THICK 1-1/2 LB LINER AS SPECIFIED FROM AIR HANDLING UNIT INLET TO 10'-0" UPSTREAM.
6. EXHAUST DUCTWORK AS SPECIFIED WITH FIREBOARD INSULATION AS SPECIFIED.
7. SHEETMETAL DUCTWORK ONLY. NO INSULATION REQUIRED.

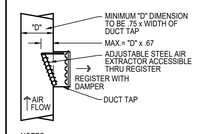
MS04

DUCTWORK CONSTRUCTION DETAILS



SPLITTER

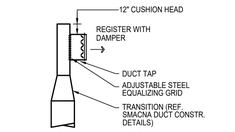
1. DAMPER ABOVE INACCESSIBLE CEILING
2. DAMPER ABOVE LIFT-OUT CEILING



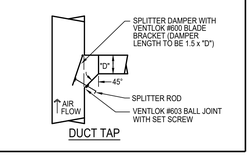
NOTES:

1) MAX. WIDTH OF DUCT TAP SHALL BE 48". PROVIDE BOTTOM BRACKET FOR SUPPORT WHERE EXTRACTOR EXCEEDS 16".
2) MAX. HEIGHT OF DUCT TAP SHALL BE 12" (MIN.= 4")

AIR EXTRACTOR AT SIDEWALL REGISTER



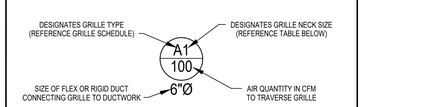
SIDEWALL REGISTER AT END OF DUCT



DUCT TAP

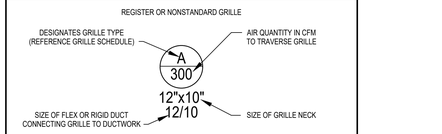
GRILLE SIZING SCHEDULE

STANDARD GRILLE



ALL GRILLES SHOWN SHALL BE FOUR-WAY THROW UNLESS OTHERWISE SHOWN.

REGISTER OR NONSTANDARD GRILLE



ALL GRILLES SHOWN SHALL BE FOUR-WAY THROW UNLESS OTHERWISE SHOWN.
ALL REGISTERS SHALL HAVE A 45° HORIZONTAL DEFLECTION UNLESS OTHERWISE SHOWN.

GRILLE SIZE DESIGNATION	GRILLE NECK SIZE	GRILLE SIZE DESIGNATION	GRILLE NECK SIZE
1	6" x 6"	7	15" x 15"
2	8" x 8"	8	16" x 16"
3	9" x 9"	9	18" x 18"
4	10" x 10"	10	20" x 20"
5	12" x 12"	11	22" x 22"
6	14" x 14"	12	24" x 24"

MS01

PACKAGED ROOFTOP UNIT - GAS HEAT

MARK	INDOOR AIR FAN					COOLING						GAS HEATING					
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT. STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT CHARAC.	AIR TEMPERATURE (°F) ENTERING DRY BULB	AIR TEMPERATURE (°F) ENTERING WET BULB	AIR TEMPERATURE (°F) OUTDOOR AMBIENT	MIN. TOTAL CAPACITY (BTUH)	MIN. SENSIBLE CAPACITY (BTUH)	MINIMUM EER/ SEER2	NUMBER OF STAGES	ENTERING AIR TEMP. (°F)	MIN. CAPACITY OUTPUT (BTUH)	AGA EFFICIENCY (%)	MCA	MOCP	REMARKS
PAC-1	13,400	1,000	1.00	15.0	480/3/60	76.3	64.5	95.0	443,100	322,700	9.8/-	2	64.0	320,000	80.0	99	125	1,2,3,4,5,6,7,8,9,10,11,12
PAC-2	10,400	1,000	1.00	15.0	480/3/60	76.3	64.5	95.0	383,100	276,340	9.8/-	2	64.0	260,000	80.0	88	110	1,2,3,4,5,6,7,8,9,10,11,12

GENERAL NOTES:

1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MINIMUM RECOMMENDED CLEARANCE AROUND ROOFTOP UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY ROOFTOP UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON ROOFTOP UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:

1. PROVIDE UNIT WITH DISCONNECT SWITCH AND MOTORIZED OUTSIDE AIR DAMPER.
2. PROVIDE UNIT WITH FACTORY MOUNTED GFCI RECEPTACLE FOR ELECTRICIAN TO WIRE TO SEPERATE CIRCUIT.
3. PROVIDE UNIT WITH LOW AMBIENT CONTROL.
4. PROVIDE UNIT WITH TEMPERATURE AND HUMIDITY SENSOR.
5. PROVIDE A WATER LEVEL SENSING DEVICE (FLOAT SWITCH) IN THE PRIMARY DRAIN PAN. THIS DEVICE SHALL SHUT OFF THE APPLIANCE IN THE EVENT THE PRIMARY DRAIN LINE BECOMES RESTRICTED.
6. PROVIDE WITH SIDE DISCHARGE OR TRANSITION PLENUM CURB TO OBTAIN EXISTING DUCTWORK CONFIGURATION.
7. PROVIDE SINGLE ZONE VAV UNIT WITH VFD ON SUPPLY FAN.
8. PROVIDE WITH EVAPORATOR COIL LEAVING AIR TEMPERATURE SENSOR.
9. PROVIDE WITH VARIABLE CAPACITY COMPRESSOR. REFER TO SPECIFICATION.
10. DEMAND CONTROLLED VENTILATION SHALL MODULATE ECONOMIZER RA AND OA DAMPERS TO MAINTAIN CO2 SETPOINT IN SPACE
11. PROVIDE UNIT WITH DIFFERENTIAL ENTHAPLY CONTROLLED ECONOMIZER AND POWERED EXHAUST. ECONOMIZER DAMPERS SHALL BE ULTRA LOW LEAK EQUIVALENT TO RUSKIN CD60 OR BETTER.
12. PROVIDE WITH 7 DAY PROGRAMMABLE THERMOSTAT WITH INTEGRAL HUMIDITY SENSOR.

PACKAGED ROOFTOP UNIT - HEAT PUMP

MARK	INDOOR AIR FAN					COOLING							HEATING					
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT. STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT CHARAC.	AIR TEMPERATURE (°F) ENTERING DRY BULB	AIR TEMPERATURE (°F) ENTERING WET BULB	AIR TEMPERATURE (°F) OUTDOOR AMBIENT	MIN. TOTAL CAPACITY (BTUH)	MIN. SENSIBLE CAPACITY (BTUH)	MINIMUM EER/ SEER2	NUMBER OF STAGES	ENTERING AIR TEMP. (°F)	MINIMUM CAPACITY (BTUH)	CURRENT CHARAC.	MCA	MOCP	REMARKS
RTU-1	2,595	310	1.5	3.7	480/3/60	77.7	64.9	98.0	91,090	66,710	13.3/-	VAR	66.6	70,480	480/3/60	67	70	1,2,3,4,5,6,7,8,9

GENERAL NOTES:

1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MINIMUM RECOMMENDED CLEARANCE AROUND ROOFTOP UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY ROOFTOP UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON ROOFTOP UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:

1. PROVIDE UNIT WITH DISCONNECT SWITCH AND MOTORIZED OUTSIDE AIR DAMPER.
2. PROVIDE UNIT WITH FACTORY MOUNTED GFCI RECEPTICAL FOR ELECTRICIAN TO WIRE TO SEPERATE CIRCUIT.
3. PROVIDE UNIT WITH LOW AMBIENT CONTROL.
4. PROVIDE A WATER LEVEL SENSING DEVICE (FLOAT SWITCH) IN THE PRIMARY DRAIN PAN. THIS DEVICE SHALL SHUT OFF THE APPLIANCE IN THE EVENT THE PRIMARY DRAIN LINE BECOMES RESTRICTED.
5. PROVIDE WITH EVAPORATOR COIL LEAVING AIR TEMPERATURE SENSOR AND CONFIGURED AS SINGLE ZONE OPERATION.
6. PROVIDE UNIT WITH DIFFERENTIAL ENTHAPLY CONTROLLED ECONOMIZER AND POWERED EXHAUST. ECONOMIZER DAMPERS SHALL BE ULTRA LOW LEAK EQUIVALENT TO RUSKIN CD60 OR BETTER.
7. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL COSTS IF ALTERNATE UNIT IS PROVIDED WITH GREATER ELECTRICAL CHARACTERISTICS THAN SHOWN.
8. PROVIDE WITH SIDE DISCHARGE OR TRANSITION PLENUM CURB.
9. PROVIDE WITH 7 DAY PROGRAMMABLE THERMOSTAT WITH INTEGRAL HUMIDITY SENSOR

AS05

GRILLE

MARK	SERVICE	TYPE	DAMPER	CONSTRUCTION MATERIAL	FINISH COLOR	MANUFACTURER	MODEL NUMBER	REMARKS
A	SUPPLY AIR	DIFFUSER	-	STEEL	-	TITUS	OMNI	EXPOSED T-BAR FRAME STYLE WITH 24"X24" FACE
B	RETURN AIR	DIFFUSER	-	STEEL	-	TITUS	PAR	EXPOSED T-BAR CEILING WITH A 24"X24" FACE PERFORATED

GENERAL NOTES:

1. COORDINATE AIR DEVICE FINISH COLOR WITH ARCHITECT.

REMARKS:

1. N/A

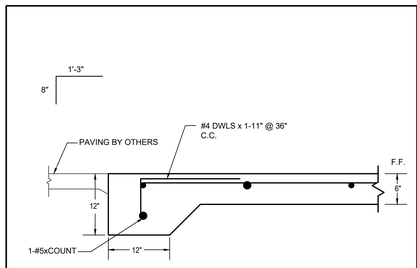
DS02

DAMPER

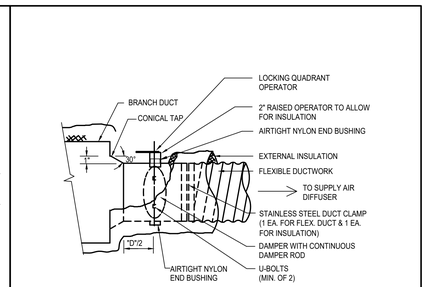
MARK	ACTUATOR	DUTY	BLADE ACTION	MANUFACTURER	MODEL NUMBER	REMARKS
D-1	MANUAL BALANCING	UNDER 9" WIDE	N/A	N/A	N/A	SEE SMACNA CONSTRUCTION DETAILS REFERENCED "TYPICAL CONSTRUCTION DETAILS FOR LOW VELOCITY DUCTS."
D-2	MANUAL BALANCING	OVER 9" WIDE	OPPOSED	RUSKIN	MD-35	MANUAL DAMPER WITH STANDARD CONSTRUCTION FEATURES AND VENTLOCK #639 LOCKING REGULATOR.
D-3	MOTORIZED	OVER 9" WIDE	OPPOSED	RUSKIN	CD-60	LOW LEAKAGE DAMPER WITH BLADE SEALS

NOTES:
N/A - NOT APPLICABLE

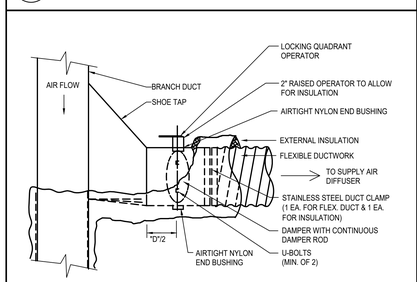
DS01



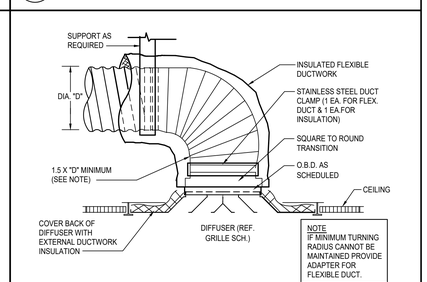
4 **CONCRETE FOOTING**
SCALE: NONE D013



2 **FLEXIBLE DUCT TAP - CONICAL**
SCALE: NONE D009



3 **FLEXIBLE DUCT TAP - SHOE**
SCALE: NONE D010



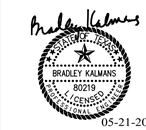
1 **FLEX DUCT CONNECTION AT SUPPLY AIR DIFFUSER**
SCALE: NONE D013

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy N. #900
Houston, TX 77064

Registration: F-4111
Project No.: 2560-00754-00

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PROFESSIONAL SEAL



ISSUE DATE	DESCRIPTION
05/21/2026	ISSUE FOR BID

Beaumont ISD
Preparing Our Next Generation

2650-00754-00
Beaumont Independent School District

HVAC REPLACEMENT PROJECT AT ODOM ACADEMY

CSP# 26.16

Odom Academy
2550 West Virginia St, Beaumont, TX 77705

NOTES

REVISIONS

Δ	DESCRIPTION	DATE

CHECKED BY	DRAWN BY
SH	AA

SHEET NAME

MECHANICAL DETAILS, LEGENDS, AND SCHEDULES - ODOM ACADEMY

SHEET NUMBER	REVISION
M3.01	

CONTRACTOR SHALL REMOVE AND REPLACE CEILING WHERE REQUIRED TO COMPLETE THE INDICATED SCOPE OF PROJECT WORK. EXISTING CEILING SHALL BE RE-INSTALLED IN THE EXACT CONDITION AS EXISTING PRIOR TO THE BEGINNING OF CONSTRUCTION. IF A MATCH IS NOT POSSIBLE, CONTRACTOR SHALL REPLACE CEILING FROM WALL TO WALL OR BOUNDARY SEPARATION IN CORRIDOR, CLASSROOM, OR ANY OTHER SPACE.

PRIOR TO STARTING ANY WORK AND PRIOR TO SUBSTANTIAL COMPLETION, SCHEDULE WITH THE ENGINEER A OWNER A DEMONSTRATION AND TESTING OF THE EXISTING FIRE ALARM SYSTEM. THE CONTRACTOR SHALL HAVE ALL SUBCONTRACTORS WORKING ON THE PROJECT BE PRESENT FOR THESE TESTS AND DEMONSTRATIONS.

ELECTRICAL WORK SHOWN AS A PART OF THIS PROJECT WILL REQUIRE INCIDENTAL FIRE ALARM SYSTEM WORK. ALL SUCH WORK SHALL BE INCLUDED IN THE CONTRACTORS PROPOSAL. THIS WORK SHALL BE PERFORMED WITHOUT ANY IMPACT TO THE CONSTRUCTION SCHEDULE AND AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL INCLUDE ANY FIRE ALARM DEVICES THAT ARE REQUIRED TO BE REMOVED, PROTECTED, AND RE-INSTALLED. FIRE ALARM SYSTEM SHALL BE TESTED PRIOR TO COMMENCEMENT OF WORK AND UPON COMPLETION. REFER TO SPECIFICATION 26 46 00 EXPANSION OF EXISTING FIRE DETECTION AND ALARM SYSTEM FOR ADDITIONAL REQUIREMENTS.

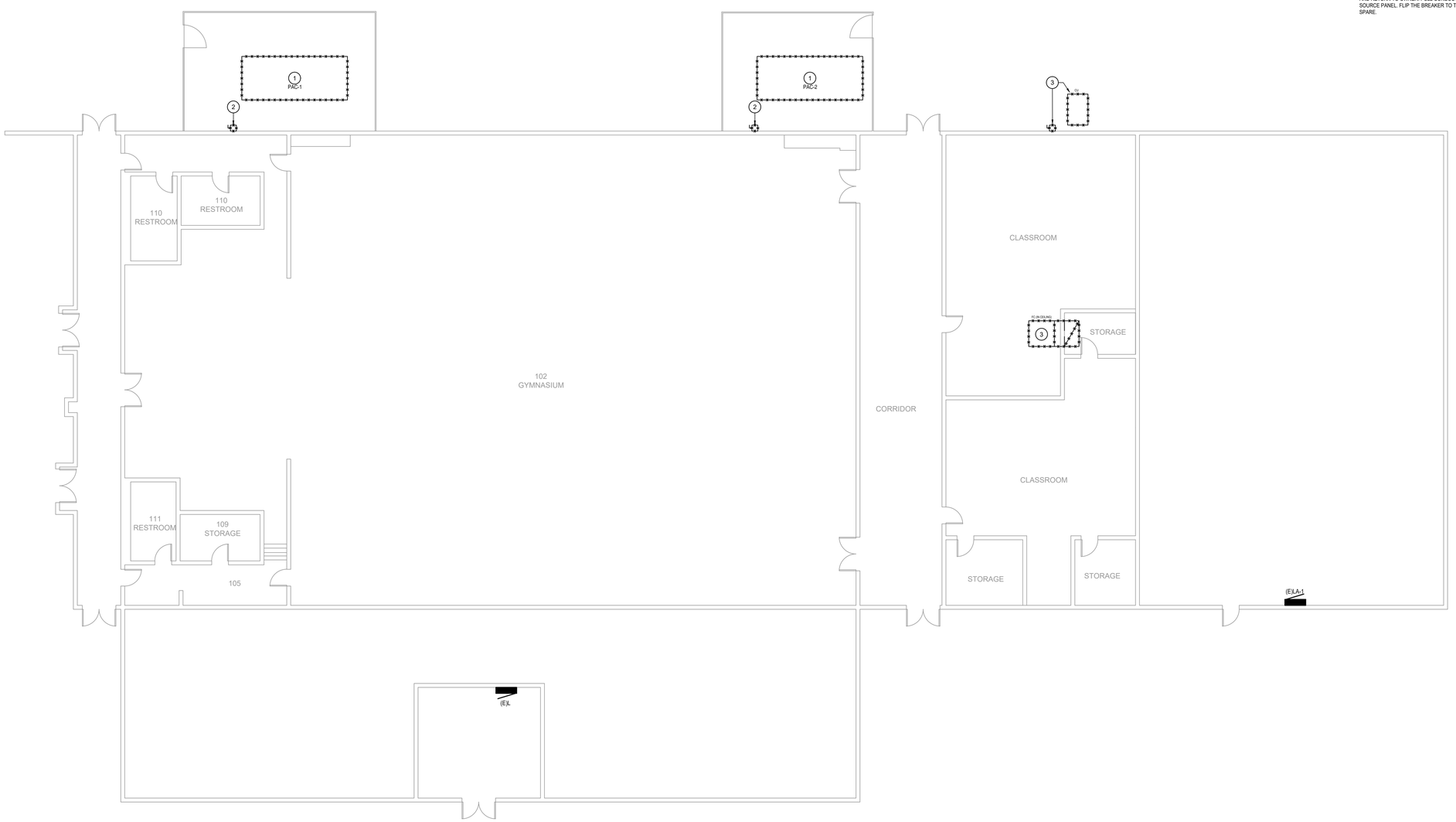
DISCONNECT AND REMOVE
EXISTING TO REMAIN
NEW WORK

ELECTRICAL GENERAL NOTES:

1. DISCONNECT AND REMOVE ALL CONDUIT, WIRE, AND DISCONNECTING MEANS ASSOCIATED WITH HVAC EQUIPMENT BEING REMOVED.
2. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL PANELBOARDS, TRANSFORMERS, SWITCHBOARDS, ETC., SHALL REMAIN
3. WHERE SCOPE REQUIRES REMOVAL / RE-INSTALLATION OF CEILING GRID, ELECTRICAL CONTRACTOR SHALL DO THE FOLLOWING:
   1. SUSPEND OR REMOVE AND STORE ALL CEILING MOUNTED ELECTRICAL DEVICES TO FACILITATE REMOVAL OF CEILING GRID. DEVICES INCLUDE BUT ARE NOT LIMITED TO: LIGHT FIXTURES, EXIT SIGNS, FIRE ALARM DEVICES, SECURITY DEVICES, COMMUNICATION SPEAKERS, CAMERAS, OCCUPANCY SENSORS, ETC.
   2. REINSTALL ALL EXISTING LIGHT FIXTURES AND ALL CEILING MOUNTED ELECTRICAL IN CEILINGS WHERE APPLICABLE. DEVICES INCLUDE BUT ARE NOT LIMITED TO: LIGHT FIXTURES. EXIT SIGNS, FIRE ALARM DEVICES, SECURITY DEVICES, COMMUNICATION SPEAKERS, CAMERAS, OCCUPANCY SENSORS, ETC.

ELECTRICAL KEYED NOTES:

1. DISCONNECT ELECTRICAL ASSOCIATED WITH HVAC EQUIPMENT. REMOVE CONDUCTORS AND CONDUIT BACK TO DISCONNECT/MOTOR CONTROLLER, LEAVE CIRCUIT INTACT FOR CONNECTION OF REPLACEMENT HVAC EQUIPMENT.
2. DISCONNECT AND REMOVE EXISTING DISCONNECT / MOTOR STARTER AND RETURN TO OWNER. LEAVE CONDUIT/CONDUCTORS INTACT FOR CONNECTION TO NEW DISCONNECT.
3. DISCONNECT HVAC EQUIPMENT AND REMOVE DISCONNECT/MOTOR STARTER AND RETURN TO OWNER. PULL CONDUCTORS AND CONDUITS BACK TO SOURCE PANEL. FLIP THE BREAKER TO THE OFF POSITION AND LABEL AS SPARE.



N

1 **ELECTRICAL DEMOLITION FLOOR PLAN - ODOM ACADEMY**
SCALE: 1/8" = 1'-0"

Salas O'Brien
salasobrien.com 281-664-1900
Houston
10930 W. Sam Houston Pkwy N. #900
Houston, TX 77064
Registration: F-4111
Project No.: 2560-00754-00

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PROFESSIONAL SEAL

BRADLEY KALMANS 60219 LICENSED PROFESSIONAL ENGINEER
05-21-2026

ISSUE DATE	DESCRIPTION
05/21/2026	ISSUE FOR BID

Beaumont ISD
Preparing Our Next Generation

2650-00754-00

Beaumont Independent School District

HVAC REPLACEMENT PROJECT AT ODOM ACADEMY

CSP# 26.16

Odom Academy
2550 West Virginia St, Beaumont, TX 77705

NOTES

REVISIONS

Δ	DESCRIPTION	DATE

CHECKED BY: JZ
DRAWN BY: DES

SHEET NAME
ELECTRICAL DEMOLITION FLOOR PLAN - ODOM ACADEMY

SHEET NUMBER: E1.01
REVISION:

CONTRACTOR SHALL REMOVE AND REPLACE CEILING WHERE REQUIRED TO COMPLETE THE INDICATED SCOPE OF PROJECT WORK. EXISTING CEILING SHALL BE RE-INSTALLED IN THE EXACT CONDITION AS EXISTING PRIOR TO THE BEGINNING OF CONSTRUCTION. IF A MATCH IS NOT POSSIBLE, CONTRACTOR SHALL REPLACE CEILING FROM WALL TO WALL OR BOUNDARY SEPARATION IN CORRIDOR, CLASSROOM, OR ANY OTHER SPACE.

PRIOR TO STARTING ANY WORK AND PRIOR TO SUBSTANTIAL COMPLETION, SCHEDULE WITH THE ENGINEER A OWNER A DEMONSTRATION AND TESTING OF THE EXISTING FIRE ALARM SYSTEM. THE CONTRACTOR SHALL HAVE ALL SUBCONTRACTORS WORKING ON THE PROJECT BE PRESENT FOR THESE TESTS AND DEMONSTRATIONS.

ELECTRICAL WORK SHOWN AS A PART OF THIS PROJECT WILL REQUIRE INCIDENTAL FIRE ALARM SYSTEM WORK. ALL SUCH WORK SHALL BE INCLUDED IN THE CONTRACTORS PROPOSAL. THIS WORK SHALL BE PERFORMED WITHOUT ANY IMPACT TO THE CONSTRUCTION SCHEDULE AND AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL INCLUDE ANY FIRE ALARM DEVICES THAT ARE REQUIRED TO BE REMOVED, PROTECTED, AND RE-INSTALLED. FIRE ALARM SYSTEM SHALL BE TESTED PRIOR TO COMMENCEMENT OF WORK AND UPON COMPLETION. REFER TO SPECIFICATION 26 46 00 EXPANSION OF EXISTING FIRE DETECTION AND ALARM SYSTEM FOR ADDITIONAL REQUIREMENTS.

PROVIDE SMOKE DETECTION CONTROLLER/SENSORS TO SHUT DOWN NEW HVAC UNITS INCASE OF FIRE/DETECTION OR SMOKE. CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH FIRE ALARM CONTRACTOR AND TO MAKE ALL FINAL CONNECTIONS AS NEEDED.

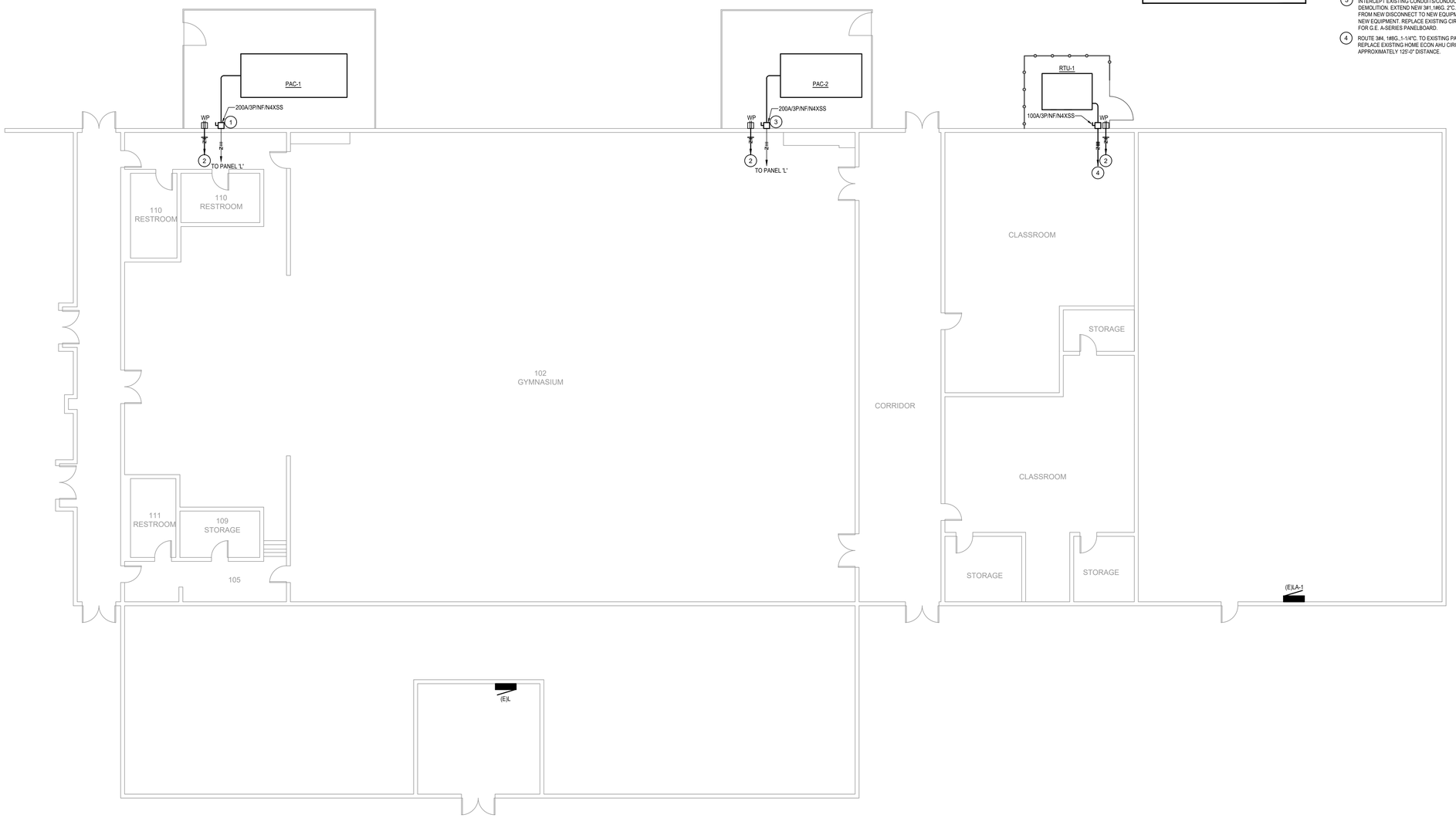
DISCONNECT AND REMOVE
EXISTING TO REMAIN
NEW WORK

ELECTRICAL GENERAL NOTES:

1. DISCONNECT AND REMOVE ALL CONDUIT, WIRE, AND DISCONNECTING MEANS ASSOCIATED WITH HVAC EQUIPMENT BEING REMOVED.
2. UNLESS NOTED OTHERWISE, ALL EXISTING ELECTRICAL PANELBOARDS, TRANSFORMERS, SWITCHBOARDS, ETC., SHALL REMAIN.
3. WHERE SCOPE REQUIRES REMOVAL / RE-INSTALLATION OF CEILING GRID, ELECTRICAL CONTRACTOR SHALL DO THE FOLLOWING:
   1. SUSPEND OR REMOVE AND STORE ALL CEILING MOUNTED ELECTRICAL DEVICES TO FACILITATE REMOVAL OF CEILING GRID. DEVICES INCLUDE BUT ARE NOT LIMITED TO: LIGHT FIXTURES, EXIT SIGNS, FIRE ALARM DEVICES, SECURITY DEVICES, COMMUNICATION SPEAKERS, CAMERAS, OCCUPANCY SENSORS, ETC.
   2. REINSTALL ALL EXISTING LIGHT FIXTURES AND ALL CEILING MOUNTED ELECTRICAL IN CEILINGS WHERE APPLICABLE. DEVICES INCLUDE BUT ARE NOT LIMITED TO: LIGHT FIXTURES, EXIT SIGNS, FIRE ALARM DEVICES, SECURITY DEVICES, COMMUNICATION SPEAKERS, CAMERAS, OCCUPANCY SENSORS, ETC.

ELECTRICAL KEYED NOTES:

1. INTERCEPT EXISTING CONDUITS/CONDUCTORS PRESERVED DURING DEMOLITION. EXTEND NEW 3#10, 1#6G. 2"C. TO NEW DISCONNECT AND THEN FROM NEW DISCONNECT TO NEW EQUIPMENT. MAKE FINAL CONNECTION TO NEW EQUIPMENT. REPLACE EXISTING CIRCUIT BREAKER WITH NEW 125A/3P FOR G.E. A-SERIES PANELBOARD.
2. ROUTE 2#10, 1#10G.,3/4"C. TO NEAREST EXTERIOR RECEPTACLE CIRCUIT. DO NOT EXCEED 16-AMP LOAD.
3. INTERCEPT EXISTING CONDUITS/CONDUCTORS PRESERVED DURING DEMOLITION. EXTEND NEW 3#1,1#6G. 2"C. TO NEW DISCONNECT AND THEN FROM NEW DISCONNECT TO NEW EQUIPMENT. MAKE FINAL CONNECTION TO NEW EQUIPMENT. REPLACE EXISTING CIRCUIT BREAKER WITH NEW 110A/3P FOR G.E. A-SERIES PANELBOARD.
4. ROUTE 3#4, 1#6G, 1-1/4"C. TO EXISTING PANEL LA-1 LOCATED IN WOOD SHOP. REPLACE EXISTING HOME ECON AHU CIRCUIT BREAKER WITH NEW 70A/3P. APPROXIMATELY 125'-0" DISTANCE.



N

2 **ELECTRICAL POWER FLOOR PLAN - ODOM ACADEMY**
SCALE: 1/8" = 1'-0"

Salas O'Brien

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10930 W. Sam Houston Pkwy N. #900
Houston, TX 77064

Registration: F-4111
Project No.: 2560-00754-00

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PROFESSIONAL SEAL



ISSUE DATE	DESCRIPTION
05/21/2026	ISSUE FOR BID

Beaumont ISD
Preparing Our Next Generation

2650-00754-00

Beaumont Independent School District

HVAC REPLACEMENT PROJECT AT ODOM ACADEMY

CSP# 26.16

Odom Academy

2550 West Virginia St, Beaumont, TX 77705

NOTES

REVISIONS

Δ	DESCRIPTION	DATE

CHECKED BY: JZ
DRAWN BY: DES

SHEET NAME
ELECTRICAL POWER FLOOR PLAN - ODOM ACADEMY

SHEET NUMBER: E2.01
REVISION:

EXISTING PANELBOARD SCHEDULE — LA-1

VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC RATING	MOUNTING	LOCATION	NEMA ENCLOSURE
277 480	3	4	225		(E)	RECESSED	WORKSHOP	NEMA -1

LOAD TYPE LEGEND				REMARKS
L	LIGHTING/CONT-LD	K	KITCHEN EQUIP	
R	RECEPTACLES	E	EXISTING	
M	MECHANICAL EQUIP	O	OTHER/MISC	

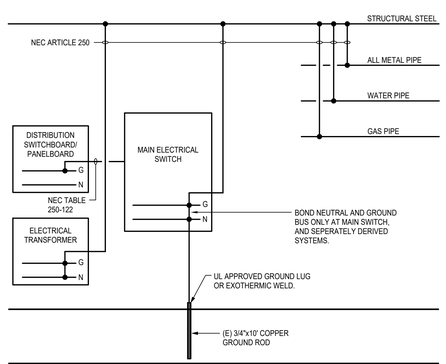
CKT #	LOAD DESCRIPTION	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER P	LOAD (VA)	PHASE	LOAD (VA)	CIRCUIT BREAKER P	CIRCUIT BREAKER TRIP	CONDUIT SIZE	WIRE SIZE	LOAD TYPE	LOAD DESCRIPTION	CKT #
1	EXISTING CIRCUIT	L	(E)	(E)	20	1	1000.0	A	800.0	1	20	(E)	(E)	L	EXISTING CIRCUIT	2
3	EXISTING CIRCUIT	L	(E)	(E)	20	1	900.0	B	400.0	1	20	(E)	(E)	L	EXISTING CIRCUIT	4
5	UPSTAIRS LIGHTS	L	(E)	(E)	20	1	1100.0	C	1150.0	1	20	(E)	(E)	L	EXISTING CIRCUIT	6
7	SHOP LIGHTS	L	(E)	(E)	20	1	1150.0	A	1200.0	1	20	(E)	(E)	L	EXISTING CIRCUIT	8
9	CLASSROOM LIGHTS	L	(E)	(E)	20	1	1100.0	B	1650.0	1	20	(E)	(E)	L	EXISTING CIRCUIT	10
11	EXISTING CIRCUIT	L	(E)	(E)	20	1	2150.0	C	2000.0	1	20	(E)	(E)	L	EXISTING CIRCUIT	12
13	EXISTING CIRCUIT	L	(E)	(E)	20	1	1420.0	A	1000.0	1	20	(E)	(E)	L	EXISTING CIRCUIT	14
15	EXISTING CIRCUIT	O	(E)	(E)	20	1	1260.0	B	740.0	1	20	(E)	(E)	O	EXISTING CIRCUIT	16
17	SHUNT TRIP							C							SHUNT TRIP	18
19	SPARE							A								20
21					20	3		B							SPACE	22
23								C								24
25	EXISTING CIRCUIT	O	(E)	(E)	20	3	2494.2	A	1385.6							26
27							2494.2	B	1385.6	3	20	(E)	(E)	M	NORTH EXH. FAN	28
29							2494.2	C	1385.6							30
31	EXISTING CIRCUIT	O	(E)	(E)	20	3	3048.4	A	1385.6							32
33							3048.4	B	1385.6	3	20	(E)	(E)	M	MIDDLE EXH. FAN	34
35							3048.4	C	1385.6							36
37	PANEL H	M	(E)	(E)	50	3	4988.3	A	1385.6							38
39							4988.3	B	1385.6	3	20	(E)	(E)	M	SOUTH EXH. FAN	40
41							4988.3	C	1385.6							42
43	EXISTING CIRCUIT	O	(E)	(E)	100	3	14133.5	A	18567.6							44
45							14133.5	B	18567.6	3	70	1-1/4"	#4	M	RTU-1	46
47							14133.5	C	18567.6							48

	A	B	C	TOTAL
CONNECTED LOAD ABOVE (VA)	66863	94324	53789	214976
CONNECTED AMPACITY ABOVE (A)	241.4	340.5	194.2	

LOAD TYPE	CONN. LD(VA)	SUBPANELS (VA) PNL	PNL	PNL	PNL	CONN. LD (VA)	SIZING FACTOR	SIZING LOAD (VA)
LIGHTING/CONT-LD	15870	-	-	-	-	15870	100%	15870
RECEPTACLES		-	-	-	-		*	
MECHANICAL EQU	83138	-	-	-	-	83138	100%	83138
KITCHEN EQUIP		-	-	-	-		100%	
#OF KITCHEN EQU		-	-	-	-		**	
EXISTING		-	-	-	-		125%	
OTHER/MISC	61028	-	-	-	-	61028	100%	61028
TOTAL CONNECTED (VA)						160037		160037
CONNECTED AMPACITY (A)						192.49		192.49

SIZING TOTAL (VA) PER NEC
SIZING AMPACITY (A) PER NEC

NOTES
* 1ST 10KVA @ 100%, REMAINING @
** SIZE PER NEC TABLE 220.56
*** NON-SIMULTANEOUS LOAD
G: PROVIDE GFI CIRCUIT BREAKER
S: PROVIDE SHUNT TRIP CIRCUIT
L: PROVIDE LOCK ON/OFF CIRCUIT



1 **GROUNDING DETAIL**
SCALE: NONE

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)	
	FLUORESCENT FIXTURE
	FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT
	DOWNLIGHT FIXTURE
	LIGHT FIXTURE - WALL MOUNTED
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT
	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT
	EXIT LIGHT-CEILING MTD WITH DIRECTIONAL ARROWS AS REQUIRED
	EXIT LIGHT-WALL MTD WITH DIRECTIONAL ARROWS AS REQUIRED
	EMERGENCY LIGHTING UNIT EQUIPMENT
SWITCHES	
$	SINGLE POLE SWITCH
$2	2-POLE SWITCH
$3	3-WAY SWITCH
$K	KEYED SWITCH
$D	WALL DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
$P	SWITCH WITH PILOT LIGHT
$MC	MOMENTARY CONTACT SWITCH
	PUSH BUTTON SWITCH
TS	TIME SWITCH
$LS	DUAL LEVEL SWITCHING
	CEILING MOUNTED OCCUPANCY SENSOR
	WALL MOUNTED OCCUPANCY SENSOR
RECEPTACLES AND OUTLETS	
	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE
	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
	DOUBLE DUPLEX ISOLATED GROUND IN 2-GANG BOX WITH SINGLE COVER PLATE
	ISOLATED GROUND DUPLEX RECEPTACLE
	ISOLATED GROUND SIMPLEX RECEPTACLE
	250 VOLT, 1 PHASE, SPECIAL PURPOSE OUTLET, 20 AMPS UNLESS NOTED OTHERWISE
	JUNCTION BOX
	FLUSH FLOOR DUPLEX RECEPTACLE OUTLET
	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE
	FLUSH FLOOR JUNCTION BOX
	TELEVISION OUTLET (RECEPTACLE AND CATV CONNECTIONS)
	REMOTE VCR INPUT PATCH CABLE TO TV LOCATION
	TWO CHANNEL POWER/COMMUNICATIONS POWER POLE
SWITCHES	
$	LINE VOLTAGE SINGLE POLE SWITCH
$3	LINE VOLTAGE 3-WAY SWITCH
$4	LINE VOLTAGE 4-WAY SWITCH
$K	LINE VOLTAGE MOMENTARY DPST KEYED SWITCH
$D	LINE VOLTAGE DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
$P	LINE VOLTAGE SWITCH WITH PILOT LIGHT
$T	6-HOUR ROTARY TIMER SWITCH WITH NO HOLD U.N.O.
	PUSH BUTTON EPO SWITCH WITH COVER
$MC	LOW VOLTAGE MOMENTARY CONTACT SWITCH
$R	LOW VOLTAGE DIGITAL KEYPAD
$B	LOW VOLTAGE BUILDING MANAGEMENT (BMCS) LOCAL OVERRIDE SWITCH
	OCCUPANCY SENSOR (AUTO ON / AUTO OFF WITHIN 20-MINUTES)
	VACANCY SENSOR (MANUAL ON / AUTO OFF WITHIN 20-MINUTES)
	PHOTOCELL SENSOR
RF	LIGHTING CONTROL SYSTEM. ('F' DENOTES TYPE - SEE LIGHTING CONTROLS SCHEDULE)
ER	EMERGENCY LOAD CONTROL RELAY. MINIMUM 16A & 0-10V COMPATIBLE. PROVIDE U.L. 924 U.N.O.
MOTOR CONTROLLERS AND EQUIPMENT	
	MOTOR, MAKE FINAL MOTOR CONNECTION
	3-PHASE MOTOR; MAKE FINAL MOTOR CONNECTION
	DISCONNECT SWITCH AS REQUIRED
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH AS REQUIRED
	MOTOR STARTER
	MOTOR CONTROLLER PUSH BUTTON CONTROL, P=PILOT LIGHT
M	MANUAL MOTOR SWITCH AS REQUIRED
	PREWIRED DEVICE, MAKE ELECTRICAL FINAL CONNECTIONS
VFD	VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 26
ELECTRICAL EQUIPMENT	
	277/480 VOLT DISTRIBUTION OR PANELBOARD
	120/208 VOLT PANELBOARD
	TELEPHONE CABINET
	PLYWOOD TELEPHONE BACKBOARD
	DRY TYPE TRANSFORMER
CIRCUITING	
	CONDUIT
	CONDUIT BELOW FLOOR, SLAB, OR GRADE
H2	3/4"C. UNLESS OTHERWISE NOTED; LONG HATCH, NEUTRAL; SHORT HATCH, PHASE; "Z" HATCH, INSULATED GROUND. NO HATCHES INDICATES 2 CONDUCTORS. ARROW INDICATES HOMERUN.
	PARTIAL ELECTRICAL HOME RUN
SUBSCRIPTS AND ABBREVIATIONS	
WP	INDICATES WEATHERPROOF
WG	INDICATES WIREGUARD
E	INDICATES EXISTING
TL	INDICATES TWIST LOCK TYPE
NL	LIGHT FIXTURE ON NIGHT LIGHT CIRCUIT
•	NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES

GENERAL NOTE:
ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF
NEMA-3R MINIMUM.

ELECTRICAL GENERAL NOTES:

1. ALL EMPTY CONDUIT SHALL HAVE PULL STRING.
2. EACH CONDUIT SHALL BE LIMITED TO (3) CIRCUITS MAXIMUM.
3. NO MORE THAN THREE SINGLE PHASE CIRCUITS AND NO MORE THAN SIX CURRENT CARRYING CONDUCTORS SHALL BE INSTALLED IN A SINGLE RACEWAY. WHEN FOUR, FIVE, OR SIX CURRENT CARRYING CONDUCTORS ARE INSTALLED IN A SINGLE RACEWAY, THEIR CURRENT CARRYING AMPACITIES SHALL BE DERATED AS REQUIRED BY THE NEC FOR NON-DIVERSIFIED LOADS. THE INSTALLED WIRE SIZE SHALL HAVE A NOMINAL AMPACITY RATING OF 125% OF THAT REQUIRED OR SPECIFIED WHEN FOUR OR MORE CURRENT CARRYING CONDUCTORS ARE INSTALLED IN A SINGLE RACEWAY. NEUTRAL CONDUCTORS SHALL BE CONSIDERED A CURRENT CARRYING CONDUCTOR IN ALL NON-LINEAR LOADED CIRCUITS AS REQUIRED BY THE NEC.
4. ALL LIGHTING, RECEPTACLE, AND EQUIPMENT BRANCH CIRCUITS CONDUITS SHALL CONTAIN A GROUND WIRE. USING THE CONDUIT SYSTEM AS THE ONLY GROUND PATH IS NOT ACCEPTABLE.
5. REFER TO MECHANICAL DRAWINGS FAN SCHEDULE. DIVISION 26 TO PROVIDE ALL LOCAL SWITCHES AS INDICATED ON MECHANICAL FAN SCHEDULE. LOCATE SWITCH BY DOOR UNLESS INDICATED OTHERWISE FOR ALL LOCALLY SWITCHED FANS.
6. PROVIDE SMOKE DETECTORS AT EACH RETURN AIR INLET INTO EACH MECHANICAL ROOM AS REQUIRED FOR OPENING SIZE.
7. PROVIDE DUCT MOUNTED SMOKE DETECTORS IN SUPPLY AND RETURN DUCTS OF ALL AIR HANDLERS 2000 CFM OR GREATER.

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Project No.: 2560-00754-00

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05-21-2026

ISSUE DATE	DESCRIPTION
05/21/2026	ISSUE FOR BID

Beaumont ISD
Preparing Our Next Generation

2650-00754-00

Beaumont Independent School District

HVAC REPLACEMENT PROJECT AT ODOM ACADEMY

CSP# 26.16

Odom Academy
2550 West Virginia St, Beaumont, TX 77705

NOTES

REVISIONS

Δ	DESCRIPTION	DATE

CHECKED BY: JZ
DRAWN BY: DES

SHEET NAME
ELECTRICAL DETAILS, SCHEDULES, AND LEGENDS - ODOM ACADEMY

SHEET NUMBER
E3.01

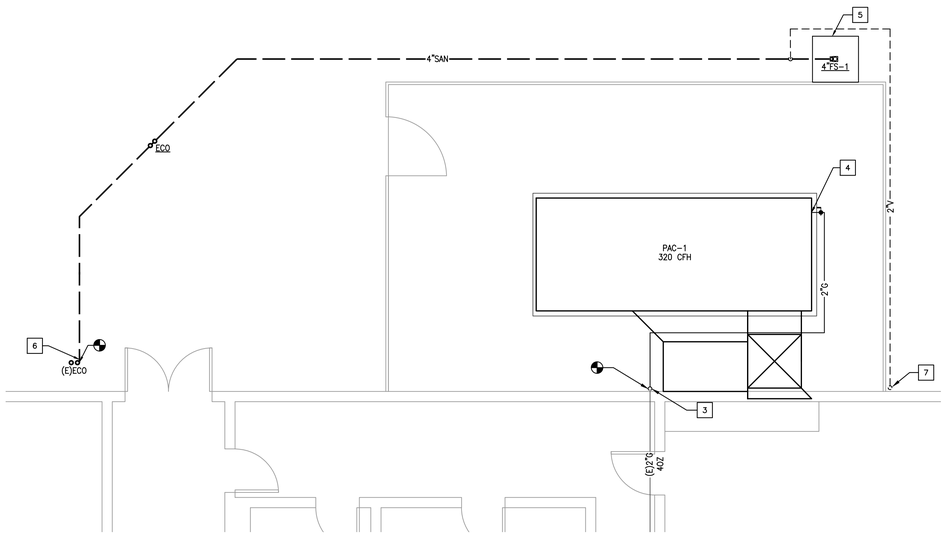
REVISION

PLUMBING GENERAL NOTES:

1. EXISTING GAS REGULATOR PRESSURE IS CURRENTLY AT, 4OZ.=7 IN.WC

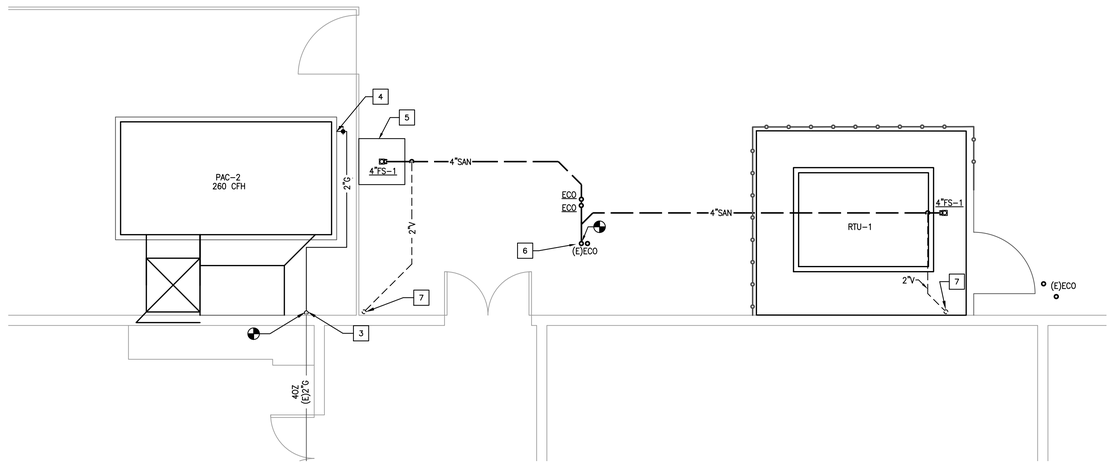
PLUMBING KEYED NOTES:

1. EXISTING GAS TO REMAIN.
2. REMOVE GAS PIPE FROM EXISTING UNIT AND ELBOW TO POINT SHOWN.
3. MAKE NEW CONNECTION STARTING WITH NEW 2" ELBOW.
4. MAKE FINAL GAS CONNECTION TO UNIT, FIELD VERIFY GAS INLET WITH MECHANICAL CONTRACTOR.
5. PROVIDE A 3' X 3' CONCRETE PAD ATTACHED TO EXISTING PAD FOR NEW FLOOR DRAIN.
6. MAKE NEW SANITARY CONNECTION TO EXISTING SANITARY. FIELD VERIFY EXACT LOCATION OF HORIZONTAL FLOW TO MAKE A SANITARY CONNECTION.
7. 2" VENT BELOW GRADE UP THE BUILDINGS EXTERIOR WALL. EXTEND TO ROOF LEDGE. CONFIRM FINAL PIPE LOCATION WITH OWNER.



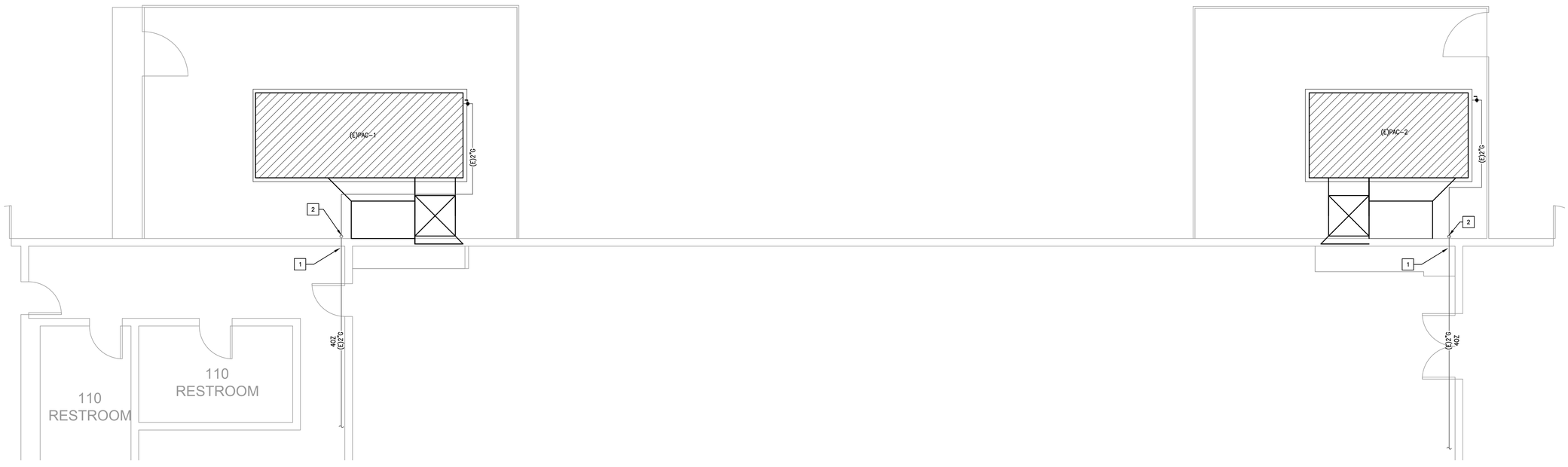
N

2 **PLUMBING ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY**
SCALE: 1/4" = 1'-0"



N

3 **PLUMBING ENLARGED FLOOR PLAN - OLD GYM - ODOM ACADEMY**
SCALE: 1/4" = 1'-0"



N

1 **PLUMBING ENLARGED DEMOLITION FLOOR PLAN - OLD GYM - ODOM ACADEMY**
SCALE: 1/4" = 1'-0"

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Odom Academy

2550 West Virginia St, Beaumont, TX 77705

NOTES

REVISIONS

Δ	DESCRIPTION	DATE

CHECKED BY EH

DRAWN BY BR

SHEET NAME

PLUMBING ENLARGED FLOOR PLANS - ODOM ACADEMY

SHEET NUMBER P1.01

REVISION

PLUMBING GENERAL NOTES

1. WITHIN THE EXISTING BUILDING, EXISTING WATER, WASTE AND VENT SERVICES ARE TO BE MODIFIED AS REQUIRED AND REUSED FOR THE INSTALLATION OF NEW AND/OR RELOCATED PLUMBING FIXTURES. REFER TO PLUMBING FLOOR PLANS FOR POINTS OF CONNECTION.
2. WITHIN THE EXISTING BUILDING, SAWCUT AND REMOVE EXISTING FLOOR SLAB AS REQUIRED TO PROVIDE NEW AND/OR RELOCATED PLUMBING FIXTURES, CLEANOUTS, AND UNDERSLAB WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING.
3. IN AREAS WHERE THE FLOOR SLAB IS REMOVED, CONTRACTOR SHALL ALSO REMOVE UNDERSLAB WASTE AND VENT PIPING WHICH SERVES FIXTURES DESIGNATED FOR REMOVAL. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY EXISTING FIXTURES TO REMAIN OR NEW FIXTURES TO BE INSTALLED.
4. IN AREAS WHERE THE FLOOR SLAB IS NOT REMOVED, CONTRACTOR SHALL ABANDON IN PLACE ANY UNDERSLAB WASTE AND VENT PIPING NO LONGER NEEDED, UNLESS THE PIPING MUST BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION. IF NEW WORK DOES NOT NECESSITATE THEIR REMOVAL, CUT AND PLUG SUCH LINES BELOW SLAB, AND PATCH FLOOR TO MATCH EXISTING.
5. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION. ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.
6. WASTE LINES TO BE RE-USED OR RECONNECTED TO SHALL BE THOROUGHLY RODDED OUT AND FLUSHED TO ENSURE THEY ARE FREE FROM BLOCKAGES.
7. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.
8. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.
9. CONTRACTOR TO COORDINATE ALL REMODEL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.
10. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.
11. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
12. CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.
13. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
14. THE PROPER INSTALLATION OF NEW FIXTURES AND THE PROPER CONTINUED OPERATION OF EXISTING FIXTURES TO REMAIN SHALL DETERMINE THE EXTENT AND NATURE OF PLUMBING REMODEL WORK.
15. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A MINIMUM 5'-0" FROM ANY EXTERIOR WALL.
16. PRIOR TO BEGINNING CONSTRUCTION, COORDINATE BUILDING BACKFLOW PREVENTION REQUIREMENTS WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PROVIDE AS DIRECTED.

PLUMBING FIXTURE SPECIFICATION

TYPE:	FS-1
SERVICE:	MECHANICAL ROOM, INDIRECT WASTE.
DESCRIPTION:	A.R.E. FLOOR SINK, CAST IRON BODY WITH 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP, BOTTOM OUTLET, A.R.E. DOME STRAINER, STAINLESS STEEL FRAME AND GRATE, ANCHOR FLANGE, CLAMPING COLLAR, AND HALF TOP GRATE. WADE 9110-85-15-26
TRAP SEAL:	PROVIDE PRO-SET SYSTEM, INC. TRAP GUARD FACTORY FITTED TO MATCH MATCH EACH FLOOR SINK BY SIZE, MODEL, AND MANUFACTURER.
ROUGH-IN:	REFER TO FLOOR PLAN FOR SIZES. COORDINATE FINAL LOCATION AND INSTALLATION WITH ARCHITECTURAL DRAWINGS AND FLOOR CONSTRUCTION.

TYPE:	ECO
DESCRIPTION:	EXTERIOR CLEANOUT TO GRADE, BOTTOM OUTLET DUCTILE IRON BODY, ADJUSTABLE 6-1/2" DIAMETER DUCTILE IRON RING AND COVER WITH VANDAL-RESISTANT SCREWS. IF LOCATED IN ASPHALT OR DIRT PROVIDE 18" X 18" X 12" CONCRETE PAD. WADE # 6000-12.

PLUMBING PIPING LEGEND

SYMBOLS	DESCRIPTION
SAN	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)
SAN	SANITARY OR WASTE PIPING BELOW GRADE (SAN)
GW	GREASE WASTE PIPING (GW)
GW	GREASE WASTE PIPING BELOW GRADE (GW)
SD	STORM DRAIN PIPING (SD)
SD	STORM DRAIN PIPING BELOW GRADE (GW)
SSD	SUB-SOIL DRAIN OR FOOTING DRAIN (SSD)
AW	ACID WASTE PIPING (AW)
AW	ACID WASTE PIPING BELOW GRADE (AW)
PD	PUMPED DISCHARGE (PD)
CD	CONDENSTATE DRAIN PIPING (CD)
D	CONDENSTATE – INDIRECT DRAIN PIPING (D)
	VENT PIPING (V)
CW	COLD WATER PIPING (CW)
HW	HOT WATER PIPING (HW)
HWR	HOT WATER RETURN PIPING (HWR)
SCW	SOFT COLD WATER PIPING (SCW)
CDW	CHILLED DRINKING WATER PIPING (CDW)
TP	TRAP PRIMER LINE (TP)
F	FIRE PROTECTION PIPING (F)
AS	AUTOMATIC SPRINKLER PIPING (AS)
GAS	NATURAL GAS PIPING (G)
GV	GAS VENT PIPING (GV)
AIR	COMPRESSED AIR PIPING (A)
	FLOW DIRECTIONAL ARROW
	SHUT-OFF VALVE
BV	BALANCING VALVE (BV)
SV	SOLENOID VALVE (SV)
	BALL VALVE (BV)
	BUTTERFLY VALVE
	LUBRICATED PACKED PLUG STOP STOP COCK (PC)
	HORIZONTAL SWING CHECK
	UNION
	HORIZONTAL SWING CHECK
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP)
	PIPING DOWN
	RISE OR DROP PIPING
	PIPING UP –OR– PIPING UP & DOWN
	CAP ON END OF PIPE
	CLEANOUT (WALL OR CEILING) (CO)
	FLOOR CLEANOUT (FCO)
	EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO)
	TWO-WAY CLEANOUT (PROVIDE 18"x24"x4" CONCRETE PAD OUTSIDE)
	FIRE DEPARTMENT VALVE AT RISER
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION
	PRESSURE REDUCING VALVE (PRV)
	BRANCH CONNECTION OUT OF TOP
	BRANCH CONNECTION OUT OF BOTTOM
	BRANCH CONNECTION OUT OF SIDE
	WYE & 1/8TH BEND BRANCH CONNECTION
	WYE BRANCH CONNECTION
	HOSE BIBB
	PRESSURE GAUGE WITH COCK
	THERMOMETER
	GAS PRESSURE REGULATOR
	TEST COCK
	GAS METER
	WALL HYDRANT
	VALVE IN RISE
	ASME TEMPERATURE & PRESSURE RELIEF VALVE
	VACUUM RELIEF VALVE
	ANGLE VALVE
	OS&Y VALVE
	ROOF DRAIN
	REFER TO KEYED NOTE
FS	FLOW SWITCH
	FLOOR SINK (FS)
	FLOOR DRAIN (FD)
	FLOOR DRAIN WITH P-TRAP (FD)
	FLOOR DRAIN WITH P-TRAP AT 45° ANGLE (FD)
	HUB DRAIN (HD)
	ACCESS PANEL FOR TRAP PRIMER OR SHOCK ABSORBER
AP	ACCESS PANEL LOCATION SYMBOL
A	SHOCK ABSORBER
	AIR CHAMBER
(E)	EXISTING
(N)	NEW
VTR	VENT THRU ROOF
B.F.F.	BELOW FINISHED FLOOR
A.F.F.	ABOVE FINISHED FLOOR
	NEW CONNECTION
IE=100.00'	INVERT ELEVATION
1	DELTA CHANGE SYMBOL
P 1 4" VTR	RISER FLAG

PLUMBING MATERIAL LIST

GAS PIPING SHALL BE

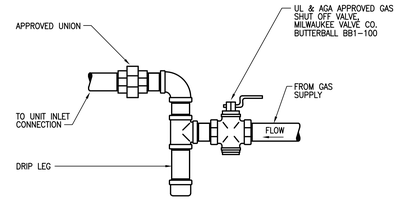
PIPE 2" AND SMALLER. PROVIDE SCHEDULE 40 ASTM A 53 BLACK STEEL WITH FACTORY FABRICATED SOCKET WELD FITTINGS.

PIPE LARGER THAN 2", USE SCHEDULE 40 ASTM A 53 BLACK STEEL PIPE WITH LONG RADIUS WELD FITTINGS.

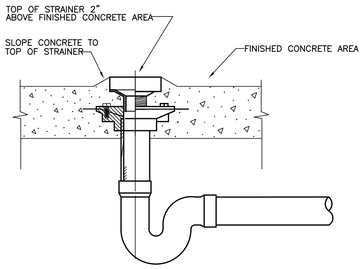
BELOW GRADE, INSIDE BUILDING

SANITARY WASTE AND VENT PIPING SHALL BE

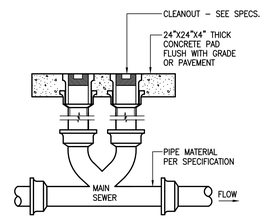
SCHEDULE 40 DWV POLYVINYL CHLORIDE PIPE AND FITTINGS CONFORMING TO ASTM-2665 WITH SOLVENT WELDED JOINTS. DO NOT USE IN AIR SUPPLY OR RETURN PLENUMS, AND OR WHERE FIRE RATED WALLS, PARTITIONS, OR FLOORS ARE PENETRATED.



1 **GAS CONNECTION**
SCALE: NONE GA07-11/12/08



2 **OUTDOOR CONDENSATE DRAIN**
SCALE: NONE CD04-11/12/08



3 **TWO-WAY EXTERIOR CLEANOUT**
SCALE: NONE SA04-11/12/08

Salas O'Brien
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Project No.: 2560-00754-00

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PROFESSIONAL SEAL



ISSUE DATE	DESCRIPTION
05/21/2026	ISSUE FOR BID

Beaumont ISD
Preparing Our Next Generation

2650-00754-00

Beaumont Independent School District

HVAC REPLACEMENT PROJECT AT ODOM ACADEMY

CSP# 26.16

Odom Academy

2550 West Virginia St, Beaumont, TX 77705

NOTES

REVISIONS

Δ	DESCRIPTION	DATE

CHECKED BY	DRAWN BY
EH	TR

SHEET NAME

PLUMBING SCHEDULES AND DETAILS - ODOM ACADEMY

SHEET NUMBER	REVISION
P2.01	