

**MOORE PUBLIC SCHOOLS -
CENTRAL JUNIOR HIGH SCHOOL
STEM ADDITION**

Moore Public Schools - Moore, Oklahoma
AGP - Moore, Oklahoma

ADDENDUM NO. 8

August 19, 2025



This addendum applicable to work designated herein, shall be understood to be an Addendum, and as such shall be included in the Contract Agreement.

Receipt of this Addendum shall be acknowledged by the Construction Management Firm notifying this office in writing, and by any applicable subcontractor to the CM.

This addendum consists of one (1) page with attachments of two (2) 8.5"x11" pages and eight (8) 24"x36" sheets.

A. Drawings:

General, Civil, and Architectural

No changes.

Fire Protection, Mechanical, Electrical, and Plumbing

Refer to attachments.

B. Specifications:

No changes.

END OF ADDENDUM NO. 8

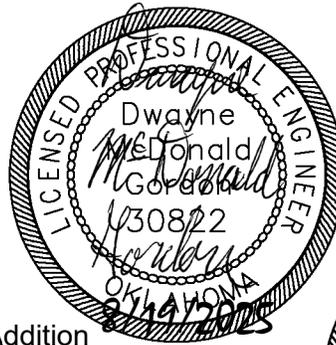
ADDENDUM 08

Issue Date: August 19, 2025

Project Information

Client: Abla Griffin Partnership
Project Name: Central JH STEM & Saferoom Addition
Project Location: Moore, OK
Owner: Moore Public Schools
Engineer: Salas O'Brien, LLC

Project No. 2550-00564-00



To Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated May 15, 2025, (and previous Addenda), with amendments and additions noted below.

This Addendum consists of (2) pages and (8) attachments.

- Index of Attachments
 - P101 E201
 - P102 E202
 - P110
 - P111
 - P301
 - P302

Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may disqualify Bidder.



CHANGES TO THE DRAWINGS

Revisions have been made to the following drawings and are issued in the form of full-size plans. Edits are indicated by a revision delta and a cloud surrounding the affected portion of the drawing.

E201 – ELECTRICAL POWER PLAN – AREA A

- Refer to clouds and deltas on plan.

E202 – ELECTRICAL POWER PLAN – AREA B

- Refer to clouds and deltas on plan.

P101 – PLUMBING PLAN – BELOW GRADE – AREA A

- Refer to clouds and deltas on plan.

P102 - PLUMBING PLAN – BELOW GRADE – AREA B

- Refer to clouds and deltas on plan.

P110 - PLUMBING PLAN – ABOVE GRADE – AREA A

- Refer to clouds and deltas on plan.

P111 - PLUMBING PLAN – ABOVE GRADE – AREA B

- Refer to clouds and deltas on plan.

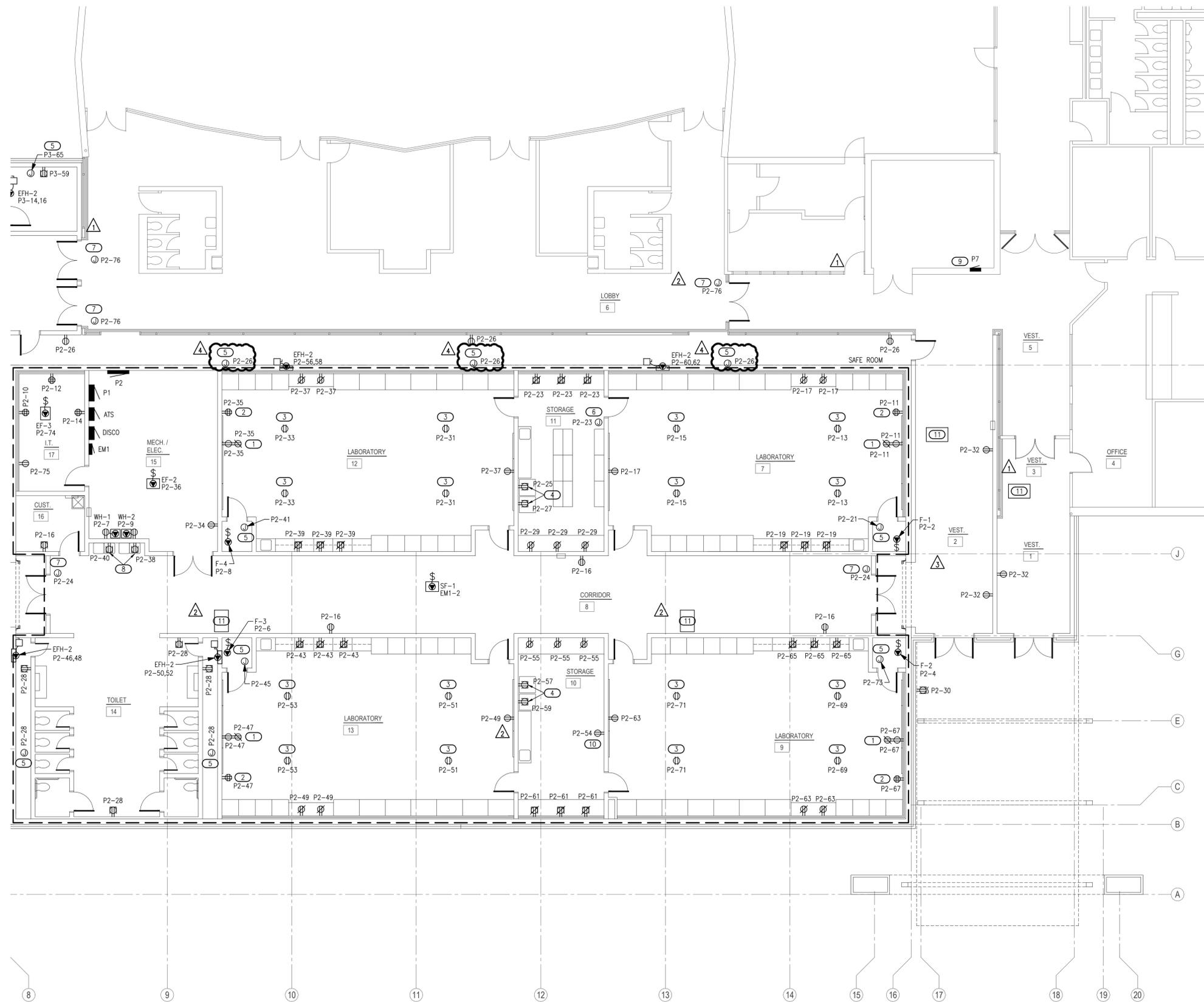
P301 – PLUMBING ISOMETRIC – WASTE & VENT

- Refer to clouds and deltas on plan.

P302 – PLUMBING ISOMETRIC – DOMESTIC WATER

- Refer to clouds and deltas on plan.

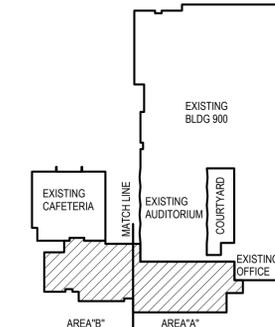
END OF ADDENDUM [08]



- ### POWER GENERAL NOTES
- COORDINATE EXACT LOCATIONS OF DEVICES SHOWN WITH OTHER EQUIPMENT. COORDINATE EXACT LOCATION OF CEILING MOUNTED DEVICES WITH LIGHTS, HVAC EQUIPMENT, AND OTHER DEVICES.
 - COORDINATE WITH MECHANICAL CONTRACTOR AND PROVIDE ALL RELAYS, CONNECTIONS, AND ALL DEVICES NECESSARY TO INTERLOCK EXHAUST FANS, DAMPERS, ETC WITH PROPER CONTROL DEVICES.
 - COORDINATE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR. REFER TO MECHANICAL PLANS AND MANUFACTURER FOR ADDITIONAL INFORMATION.
 - COORDINATE EXACT LOCATION OF PLUMBING EQUIPMENT WITH PLUMBING CONTRACTOR. REFER TO PLUMBING PLANS AND MANUFACTURER FOR ADDITIONAL INFORMATION.
 - ALL RECEPTACLES LOCATED AT COUNTERTOP HEIGHT SHALL BE ORIENTED HORIZONTALLY.
 - FIRE STOP ALL PENETRATIONS IN FIRE AND SMOKE RATED WALLS. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND ADDITIONAL INFORMATION.
 - ALL EXISTING PANELS AND ASSOCIATED BRANCH CIRCUITING BELIEVED TO BE MISSING GROUNDING ELECTRODE CONDUCTOR AND/OR EQUIPMENT GROUNDING CONDUCTORS. FOR PANELS BEING REPLACED, CONTRACTOR TO INVESTIGATE EXISTING CONDITIONS AND PROVIDE NEW GROUNDING WIRES AS REQUIRED. REFER TO KEYED NOTE 9 FOR ADDITIONAL INFORMATION.

- ### SAFEROOM GENERAL NOTES
- PER ICC 500-2014, 309.1:
 PENETRATIONS THROUGH THE STORM SHELTER ENVELOPE THAT ARE LARGER THAN:
 1. 3.5" SQUARE INCHES IN AREA FOR RECTANGULAR OPENINGS, OR
 2. 2 1/16" IN DIAMETER
 SHALL BE CONSIDERED AN OPENING AND SHALL BE PROVIDED WITH AN OPENING PROTECTIVE DEVICE (SHROUD). REFERENCE STRUCTURAL DRAWINGS FOR A SAMPLE SHROUD DETAIL. THIS INCLUDES PENETRATIONS FOR BUNDLES OF CONDUIT.

- ### KEYED NOTES
- PROVIDE 120V CONNECTION FOR SMARTBOARD. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH THE OWNER/ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAIL 'E502/1' FOR ADDITIONAL INFORMATION.
 - APPROXIMATE LOCATION OF TEACHERS DESK. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH THE OWNER/ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAIL 'E502/1' FOR ADDITIONAL INFORMATION.
 - PROVIDE 120V DROP CORD RECEPTACLE FOR GENERAL USE. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH THE OWNER/ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAIL 'E502/2' FOR ADDITIONAL INFORMATION.
 - PROVIDE DEDICATED 120V RECEPTACLES FOR REFRIGERATOR & FREEZER. COORDINATE FINAL LOCATIONS AND REQUIREMENTS WITH THE ARCHITECT/OWNER PRIOR TO ROUGH-IN.
 - PROVIDE 120V CONNECTION FOR TRAP PRIMER. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
 - PROVIDE EMERGENCY NATURAL GAS SHUT-OFF SWITCH INTERLOCKED WITH NATURAL GAS SOLENOID VALVE. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
 - PROVIDE 120V CONNECTION FOR DOOR HOLD-OPEN SYSTEM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONTRACTOR.
 - PROVIDE 120V WATER COOLER CONNECTION. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH THE ARCHITECT, OWNER, AND PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
 - EXISTING BRANCH CIRCUITS TO BE RECONNECTED TO NEW PANEL. PROVIDE NEW WIRING AND CONDUIT AS REQUIRED TO EXTEND CIRCUITS AS NEEDED. REFER TO GENERAL NOTES ABOVE. UPDATE GROUND WIRING AS REQUIRED.
 - PROVIDE 120V DEDICATED CONNECTION FOR 3D PRINTER. COORDINATE EXACT LOCATION WITH THE OWNER ON SITE.
 - MINI SPLIT INDOOR UNIT TO BE POWERED FROM OUTDOOR UNIT. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR ON SITE.



KEYPLAN
NO SCALE

1 ELECTRICAL POWER PLAN - AREA A
SCALE: 1/8" = 1'-0"



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CEDAR CREEK
 CIVIL

KFC ENGINEERING
 STRUCTURAL

SALAS O'BRIEN
 MECHANICAL / ELECTRICAL



DWG
 drawn by
 TVO
 checked by
 APRIL 2025
 date

- revisions
- 06/27/2025 AD 01
 - 08/13/2025 AD 02
 - 08/15/2025 AD 04
 - 08/19/2025 AD 08

MOORE PUBLIC SCHOOLS
 BOARD OF EDUCATION
 MOORE, OKLAHOMA



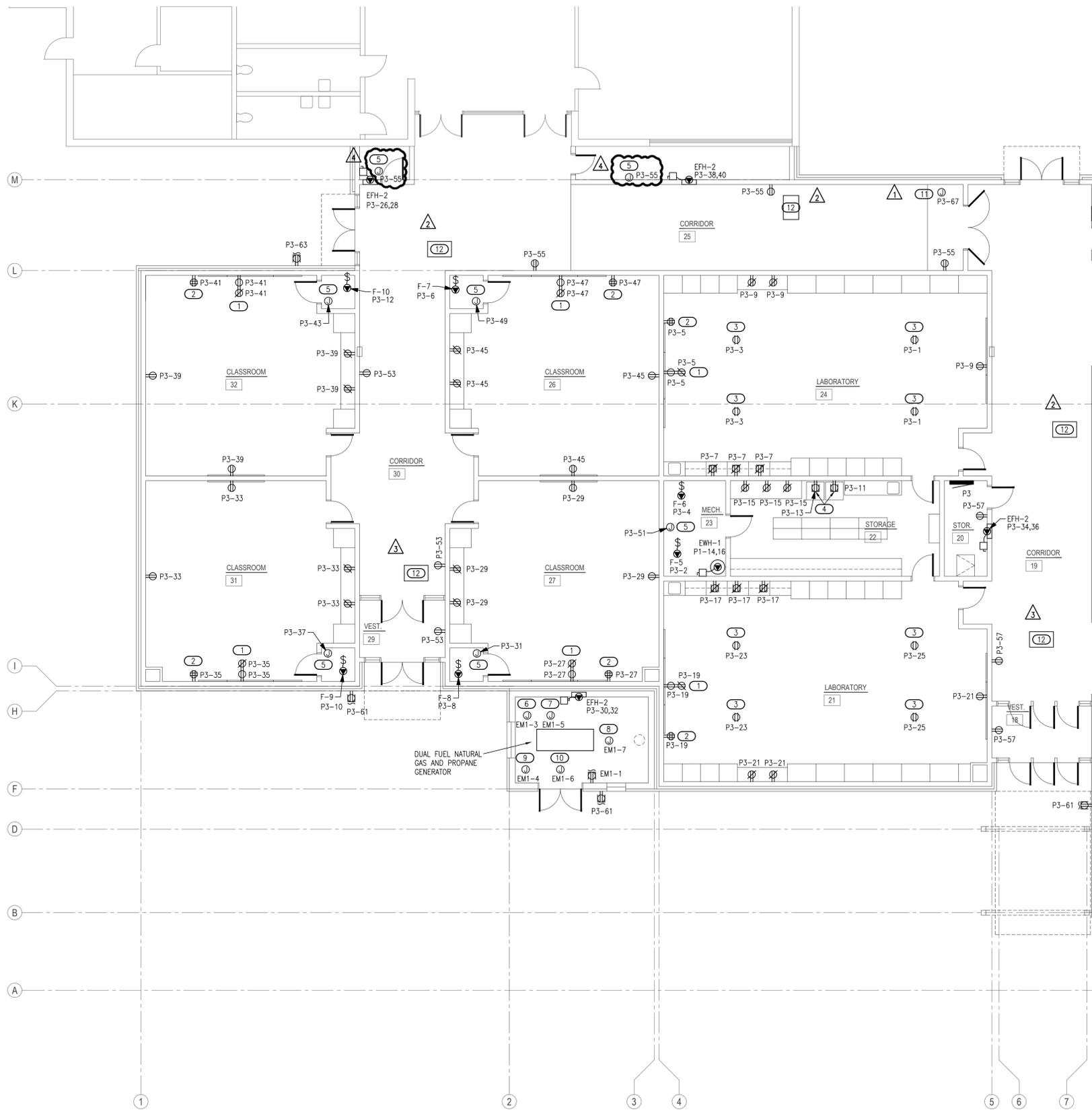
CLASSROOM ADDITION
 CENTRAL JUNIOR
 HIGH SCHOOL

sheet no:

E201

Salas O'Brien
 2900 S. Telephone Road, Suite 120
 Moore, OK 73160
 Salas O'Brien Registration: CA# 7058
 Expiration Date: 6/30/2025
 Salas O'Brien Project Number: 2550-00564-00

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- ### POWER GENERAL NOTES
- COORDINATE EXACT LOCATIONS OF DEVICES SHOWN WITH OTHER EQUIPMENT, COORDINATE EXACT LOCATION OF CEILING MOUNTED DEVICES WITH LIGHTS, HVAC EQUIPMENT, AND OTHER DEVICES.
 - COORDINATE WITH MECHANICAL CONTRACTOR AND PROVIDE ALL RELAYS, CONNECTIONS, AND ALL DEVICES NECESSARY TO INTERLOCK EXHAUST FANS, DAMPERS, ETC WITH PROPER CONTROL DEVICES.
 - COORDINATE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR. REFER TO MECHANICAL PLANS AND MANUFACTURER FOR ADDITIONAL INFORMATION.
 - COORDINATE EXACT LOCATION OF PLUMBING EQUIPMENT WITH PLUMBING CONTRACTOR. REFER TO PLUMBING PLANS AND MANUFACTURER FOR ADDITIONAL INFORMATION.
 - ALL RECEPTACLES LOCATED AT COUNTERTOP HEIGHT SHALL BE ORIENTED HORIZONTALLY.
 - FIRE STOP ALL PENETRATIONS IN FIRE AND SMOKE RATED WALLS. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND ADDITIONAL INFORMATION

- ### SAFEROOM GENERAL NOTES
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- ### KEYED NOTES
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 - PROVIDE DEDICATED 120V RECEPTACLES FOR REFRIGERATOR & FREEZER. COORDINATE FINAL LOCATIONS AND REQUIREMENTS WITH THE ARCHITECT/OWNER PRIOR TO ROUGH-IN.
 - PROVIDE 120V CONNECTION FOR TRAP PRIMER. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
 - PROVIDE 120V GENERATOR BLOCK HEATER CONNECTION.
 - PROVIDE 120V GENERATOR BATTERY HEATER CONNECTION.
 - PROVIDE 120V GENERATOR BATTERY CHARGER CONNECTION.
 - PROVIDE 120V CONNECTION FOR LP GAS SENSOR PANEL. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR ON SITE.
 - PROVIDE 120V CONNECTION FOR LP GAS SOLENOID VALVE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR ON SITE.
 - PROVIDE 120V CONNECTION FOR DOOR HOLD-OPEN SYSTEM. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOW VOLTAGE CONTRACTOR.
 - MINI SPLIT INDOOR UNIT TO BE POWERED FROM OUTDOOR UNIT. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR ON SITE.



DWG
 drawn by
 TVO
 checked by
 APRIL 2025
 date

revisions

06/27/2025	AD 01
08/13/2025	AD 02
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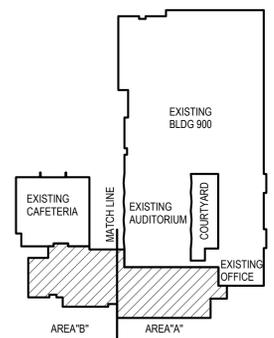
MOORE PUBLIC SCHOOLS
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CLASSROOM ADDITION
 CENTRAL JUNIOR
 HIGH SCHOOL

sheet no:

E202

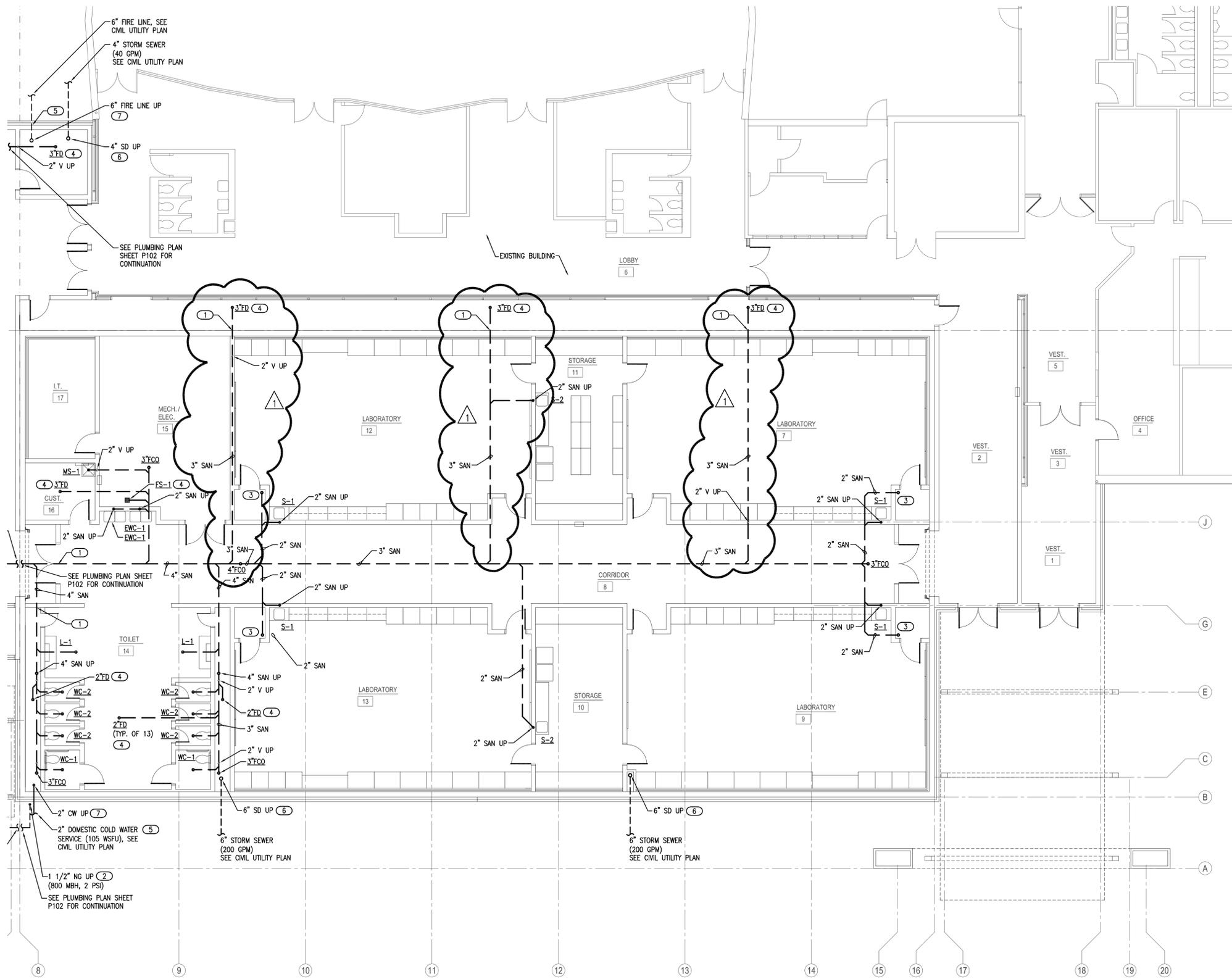


KEYPLAN
 NO SCALE



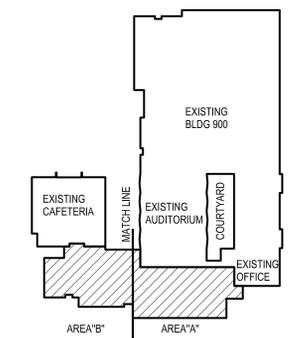
Salas O'Brien
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- ### GENERAL NOTES
- COORDINATE WORK WITH ALL OTHER TRADES ON SITE.
 - COORDINATE ALL BELOW GRADE PIPE ROUTING WITH STRUCTURAL FOUNDATIONS AND REQUIRED PIPE SLEEVES THRU FOUNDATION PENETRATIONS.
 - FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
 - PRIOR TO COMMENCING WORK, COORDINATE WITH SITE CONTRACTOR FOR SANITARY SEWER AND WATER INVERT ELEVATIONS.
 - REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET P601 FOR FIXTURE ROUGH-IN PIPE SIZES AND ISOMETRIC SHEET P301.
 - PIPE TRENCHES SHALL HAVE SAND BEDDING TO A MINIMUM POINT 6" ABOVE THE TOP OF PIPE. REFER TO SPECIFICATIONS.
 - INSTALL BELOW FLOOR 1/2" CW LINE TYPE K COPPER OR PEX-a FOR TRAP PRIMER TO FLOOR DRAINS. SLOPE LINE CONTINUOUSLY TOWARDS DRAIN. SEE DETAIL 1/P501.
 - INSTALL CAUTION TAPE AND TRACER WIRE ABOVE ALL NON-METALLIC GAS PIPING.

- ### KEYED NOTES
- PROVIDE CAST IRON PIPE SLEEVE FOR SANITARY PIPE BELOW OR THRU GRADE BEAM. INSTALL FOAM SPACER BLOCKS TO MAINTAIN PIPE IN CENTER OF SLEEVE. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - PROVIDE ANODELESS GAS RISER FOR TRANSITION FROM BELOW GRADE MDPE TUBING TO ABOVE GRADE BLACK IRON PIPE. COORDINATE GAS PIPE INSTALLATION WITH SITE CONTRACTOR.
 - ROUTE 2" SANITARY LINE UP TO 2" AFF AND INSTALL 2x4 FITTING FOR HUB DRAIN. COORDINATE INSTALLATION WITH MC. ROUTE TRAP PRIMER LINE TO HUB DRAIN, MC TO ROUTE FURNACE CONDENSATE DRAIN LINES TO HUB DRAIN. SEE DETAIL 11/P501.
 - INSTALL BELOW FLOOR 1/2" CW LINE TYPE K COPPER OR PEX-a FOR TRAP PRIMER TO FLOOR DRAINS. SLOPE LINE CONTINUOUSLY TOWARDS DRAIN. SEE DETAIL 1/P501.
 - PROVIDE PVC PIPE SLEEVE FOR WATER LINE BELOW OR THRU FOUNDATION WALL. INSTALL FOAM PIPE INSULATION ON WATER LINE IN SLEEVE AND SEAL SLEEVE OPENINGS WATERTIGHT. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - PROVIDE CAST IRON PIPE SLEEVE FOR STORM PIPE BELOW OR THRU GRADE BEAM. INSTALL FOAM SPACER BLOCKS TO MAINTAIN PIPE IN CENTER OF SLEEVE. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - PROVIDE PVC PIPE SLEEVE THRU CONCRETE FLOOR AND STUB UP 2" AFF FOR WATER LINE. INSTALL FOAM PIPE INSULATION ON WATER LINE IN SLEEVE AND SEAL SLEEVE OPENINGS WATERTIGHT. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.



KEYPLAN
NO SCALE

1 PLUMBING PLAN - BELOW GRADE - AREA A
SCALE: 1/8" = 1'-0"

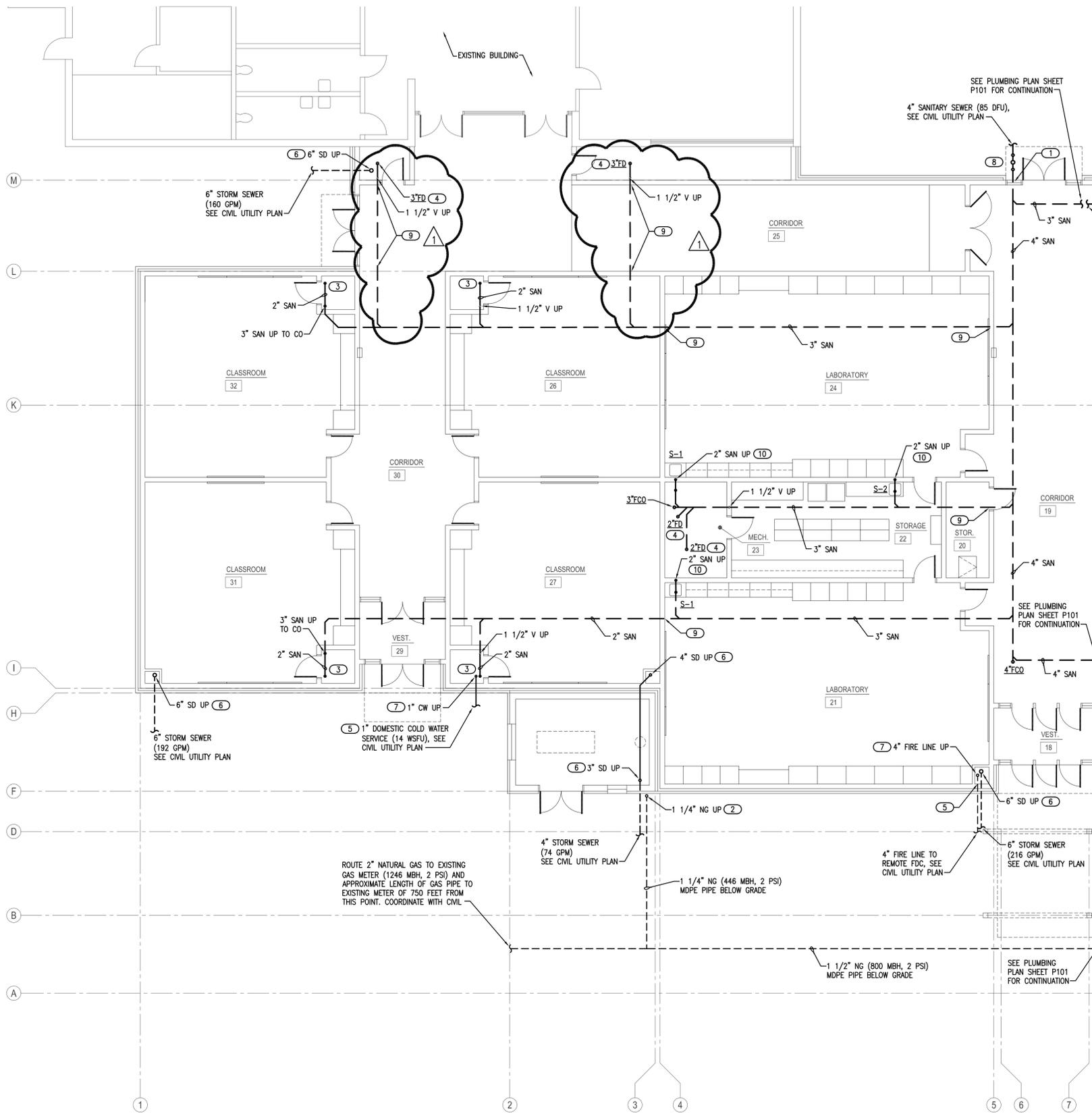


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sheet no:

P101



- ### GENERAL NOTES
- COORDINATE WORK WITH ALL OTHER TRADES ON SITE.
 - COORDINATE ALL BELOW GRADE PIPE ROUTING WITH STRUCTURAL FOUNDATIONS AND REQUIRED PIPE SLEEVES THRU FOUNDATION PENETRATIONS.
 - FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
 - PRIOR TO COMMENCING WORK, COORDINATE WITH SITE CONTRACTOR FOR SANITARY SEWER AND WATER INVERT ELEVATIONS.
 - REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET P601 FOR FIXTURE ROUGH-IN PIPE SIZES AND ISOMETRIC SHEET P301.
 - PIPE TRENCHES SHALL HAVE SAND BEDDING TO A MINIMUM POINT 6" ABOVE THE TOP OF PIPE. REFER TO SPECIFICATIONS.
 - INSTALL BELOW FLOOR 1/2" CW LINE TYPE K COPPER OR PEX-o FOR TRAP PRIMER TO FLOOR DRAINS. SLOPE LINE CONTINUOUSLY TOWARDS DRAIN. SEE DETAIL 1/P501.
 - INSTALL CAUTION TAPE AND TRACER WIRE ABOVE ALL NON-METALLIC GAS PIPING.

- ### KEYED NOTES
- PROVIDE CAST IRON PIPE SLEEVE FOR SANITARY PIPE BELOW GRADE BEAM. INSTALL FOAM SPACER BLOCKS TO MAINTAIN PIPE IN CENTER OF SLEEVE. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - PROVIDE ANODELESS GAS RISER FOR TRANSITION FROM BELOW GRADE MDPE TUBING TO ABOVE GRADE BLACK IRON PIPE. COORDINATE GAS PIPE INSTALLATION WITH SITE CONTRACTOR.
 - ROUTE 2" SANITARY LINE UP TO 2" AFF AND INSTALL 2x4 FITTING FOR HUB DRAIN. COORDINATE INSTALLATION WITH MC. ROUTE TRAP PRIMER LINE TO HUB DRAIN. MC TO ROUTE FURNACE CONDENSATE DRAIN LINES TO HUB DRAIN. SEE DETAIL 11/P501.
 - INSTALL ABOVE FLOOR 1/2" CW LINE TYPE K COPPER OR PEX-o FOR TRAP PRIMER TO FLOOR DRAINS. SLOPE LINE CONTINUOUSLY TOWARDS DRAIN. SEE DETAIL 1/P501.
 - PROVIDE PVC PIPE SLEEVE FOR WATER LINE BELOW OR THRU FOUNDATION WALL. INSTALL FOAM PIPE INSULATION ON WATER LINE IN SLEEVE AND SEAL SLEEVE OPENINGS WATERTIGHT. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - PROVIDE CAST IRON PIPE SLEEVE FOR STORM PIPE BELOW OR THRU GRADE BEAM. INSTALL FOAM SPACER BLOCKS TO MAINTAIN PIPE IN CENTER OF SLEEVE. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - PROVIDE PVC PIPE SLEEVE THRU CONCRETE FLOOR AND STUB UP 2" AFF FOR WATER LINE. INSTALL FOAM PIPE INSULATION ON WATER LINE IN SLEEVE AND SEAL SLEEVE OPENINGS WATERTIGHT. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - INSTALL 4" SANITARY BACKWATER VALVE AND 4" EXTERIOR CLEANOUTS. PROVIDE CONCRETE PAD AT GRADE. SEE DETAIL 4/P501.
 - PROVIDE CAST IRON PIPE SLEEVE FOR SANITARY PIPE THRU OR BELOW GRADE BEAM. INSTALL FOAM SPACER BLOCKS TO MAINTAIN PIPE IN CENTER OF SLEEVE. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
 - COORDINATE WITH STRUCTURAL FOR ROUTING 2" SANITARY PIPE TO ABOVE GRADE BEAM, BELOW FINISHED FLOOR AND UP IN WALL ABOVE.

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CEDAR CREEK
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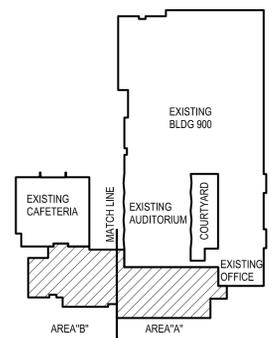
KS
drawn by
KP
checked by
APRIL 2025
date
revisions
08/19/2025 AD 08

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



CLASSROOM ADDITION
CENTRAL JUNIOR
HIGH SCHOOL

sheet no:
P102



KEYPLAN
NO SCALE

1 PLUMBING PLAN - BELOW GRADE - AREA B
SCALE: 1/8" = 1'-0"



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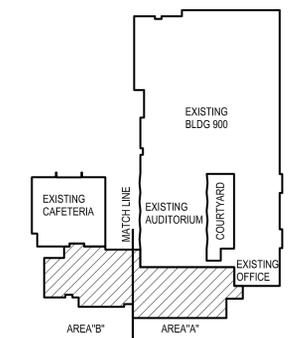
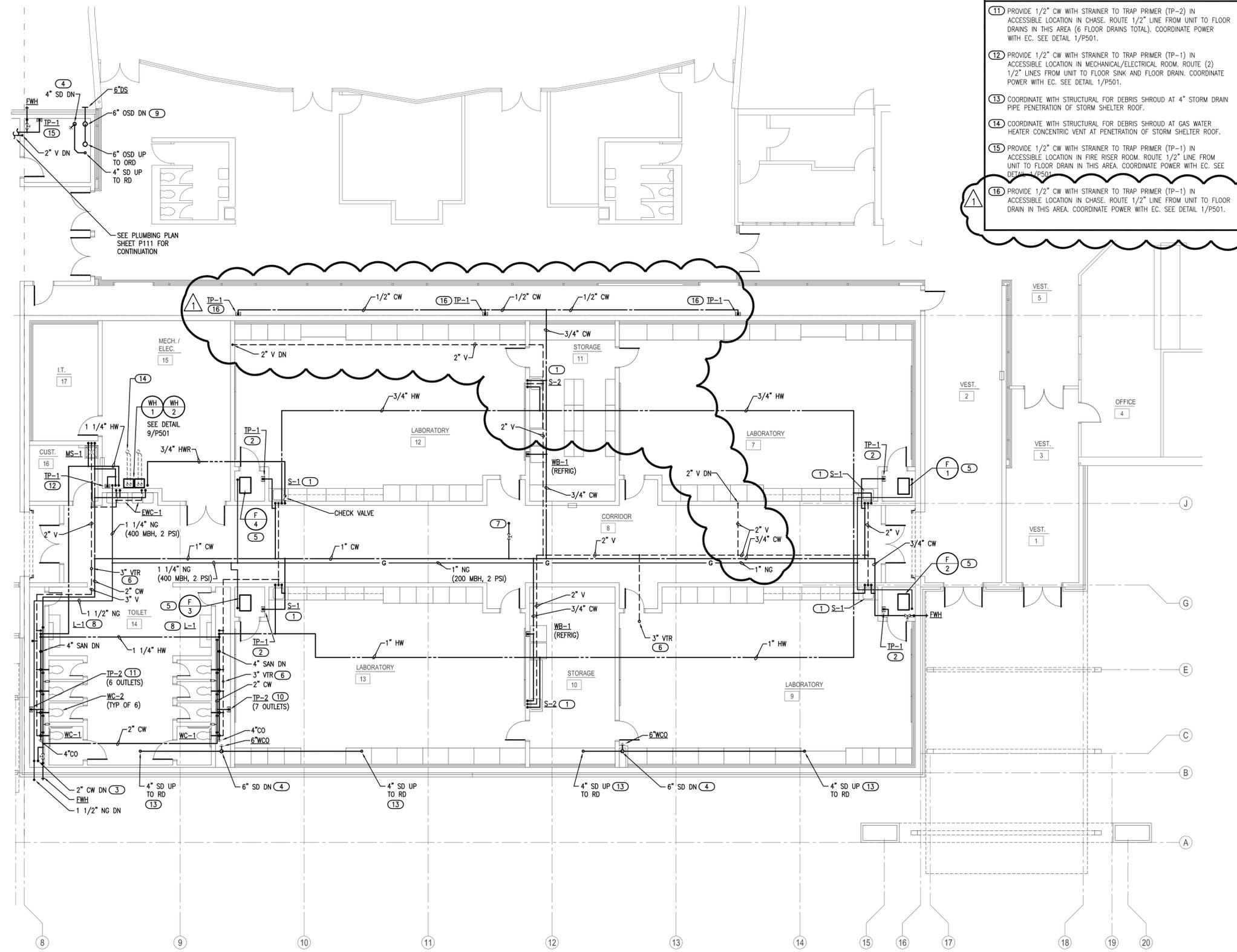
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- ### KEYED NOTES
- PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-2) IN ACCESSIBLE LOCATION IN CHASE. ROUTE 1/2" LINE FROM UNIT TO FLOOR DRAINS IN THIS AREA (6 FLOOR DRAINS TOTAL). COORDINATE POWER WITH EC. SEE DETAIL 1/P501.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-1) IN ACCESSIBLE LOCATION IN MECHANICAL/ELECTRICAL ROOM. ROUTE (2) 1/2" LINES FROM UNIT TO FLOOR SINK AND FLOOR DRAIN. COORDINATE POWER WITH EC. SEE DETAIL 1/P501.
 - COORDINATE WITH STRUCTURAL FOR DEBRIS SHROUD AT 4" STORM DRAIN PIPE PENETRATION OF STORM SHELTER ROOF.
 - COORDINATE WITH STRUCTURAL FOR DEBRIS SHROUD AT GAS WATER HEATER CONCENTRIC VENT AT PENETRATION OF STORM SHELTER ROOF.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-1) IN ACCESSIBLE LOCATION IN FIRE RISER ROOM. ROUTE 1/2" LINE FROM UNIT TO FLOOR DRAIN IN THIS AREA. COORDINATE POWER WITH EC. SEE DETAIL 1/P501.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-1) IN ACCESSIBLE LOCATION IN CHASE. ROUTE 1/2" LINE FROM UNIT TO FLOOR DRAIN IN THIS AREA. COORDINATE POWER WITH EC. SEE DETAIL 1/P501.

- ### GENERAL NOTES
- COORDINATE WORK WITH ALL OTHER TRADES ON SITE.
 - PROVIDE WATER HAMMER ARRESTORS (HA) ON WATER LINES TO FLUSH VALVES, SENSOR FAUCETS AND QUICK CLOSING VALVES. LOCATE UNITS IN ACCESSIBLE LOCATIONS.
 - SINK AND LAVATORY WATER SUPPLY STUB OUTS SHALL BE COPPER PIPE WITH SUPPORT BRACKET FASTENED IN WALL CAVITY.
 - FIRE SEAL ALL PENETRATIONS THRU RATED STRUCTURES TO MAINTAIN FIRE RATING.
 - REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET P601 FOR FIXTURE ROUGH-IN PIPE SIZES AND ISOMETRIC SHEETS P301 AND P302.
 - PROVIDE ACCESS PANELS FOR ALL VALVES/DEVICES ABOVE HARD CEILINGS AND BEHIND WALLS.
 - ALL GAS PIPE SHALL COMPLY WITH IFGC. BRANCH LINES SHALL TAP OFF TOP OF GAS MAINS AND INSTALL SHUT-OFF VALVE ON BRANCH LINE.
 - TRAP PRIMER LINES SHALL BE COPPER TYPE "K" OR PEX-a TUBING WITH CONTINUOUS SLOPE TOWARDS DRAIN CONNECTION.
 - COORDINATE HEIGHT OF EXTERIOR FREEZELESS WALL HYDRANT (FWH) WITH GC AND/OR ARCHITECT. SEAL FIXTURE FLANGE WATER TIGHT.
 - INSULATE STORM DRAIN AND SLOPE DOWN AT 1/8" PER FOOT.
 - CONTRACTOR SHALL COORDINATE ALL SAFEROOM SHELTER PENETRATIONS WITH STRUCTURAL. REFER TO STRUCTURAL DETAIL SHEET FOR PENETRATION PROTECTION FOR RECTANGULAR OPENINGS GREATER THAN 3.5 SQUARE INCHES AND CIRCULAR OPENINGS GREATER THAN 2.125 INCHES PER 2014 ICC-500.

- ### KEYED NOTES
- INSTALL THERMOSTATIC MIXING VALVE (TMV-1) BELOW SINK. LABORATORY SINKS SEE DETAIL 8/P501. STORAGE ROOM SINKS SEE DETAIL 5/P501.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-1) IN ACCESSIBLE LOCATION IN FURNACE CLOSET. ROUTE 1/2" LINE FROM UNIT TO HUB DRAIN. COORDINATE POWER WITH EC. SEE DETAILS 1/P501 AND 11/P501.
 - ROUTE DOMESTIC WATER SERVICE DOWN WITH PRV-1 AND BALL VALVE AT 24" A.F.F. AND ROUTE DOWN TO BELOW FLOOR. SEE SHEET P101 FOR CONTINUATION.
 - COORDINATE CHASE SIZE WITH GC FOR STORM DRAIN PIPE DOWN TO BELOW FLOOR. INSTALL WALL CLEANOUT AT MINIMUM 20" AFF. SEE SHEET P101 FOR CONTINUATION.
 - ROUTE 3/4" NATURAL GAS (2 PSI) LINE TO FURNACE. PROVIDE BALL VALVE, DRIP LEG, PRESSURE REGULATOR AND FINAL UNIT CONNECTION. COORDINATE CONNECTION WITH MC. SEE DETAIL 7/P501.
 - COORDINATE WITH STRUCTURAL FOR DEBRIS SHROUD AT PLUMBING VENT PENETRATION OF STORM SHELTER ROOF.
 - PROVIDE 3/4" CW WITH BALL VALVE TO CONNECTION FOR ROOF HYDRANT (FRH). COORDINATE WITH STRUCTURAL FOR DEBRIS SHROUD AT ROOF PENETRATION.
 - PROVIDE 1/2" CW BRANCH LINE IN CHASE TO SERVE LAVATORY. ROUTE 1 1/4" HW DOWN IN CHASE AND BACK UP TO CEILING. CONNECT 1/2" HW TO LAVATORY. INSTALL THERMOSTATIC MIXING VALVE (TMV-1) BELOW FIXTURE. SEE DETAIL 6/P501.
 - COORDINATE WITH GC FOR LOCATION OF OVERFLOW STORM DRAIN PIPE. INSTALL FLOOR PIPE SUPPORT FOR ELBOW NEAR FLOOR. INSTALL BOTTOM OF DOWNSPOUT NOZZLE AT 12" ABOVE GRADE. COORDINATE HEIGHT WITH GC.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-2) IN ACCESSIBLE LOCATION IN CHASE. ROUTE 1/2" LINES FROM UNIT TO FLOOR DRAINS IN THIS AREA (7 FLOOR DRAINS TOTAL). COORDINATE POWER WITH EC. SEE DETAIL 1/P501.

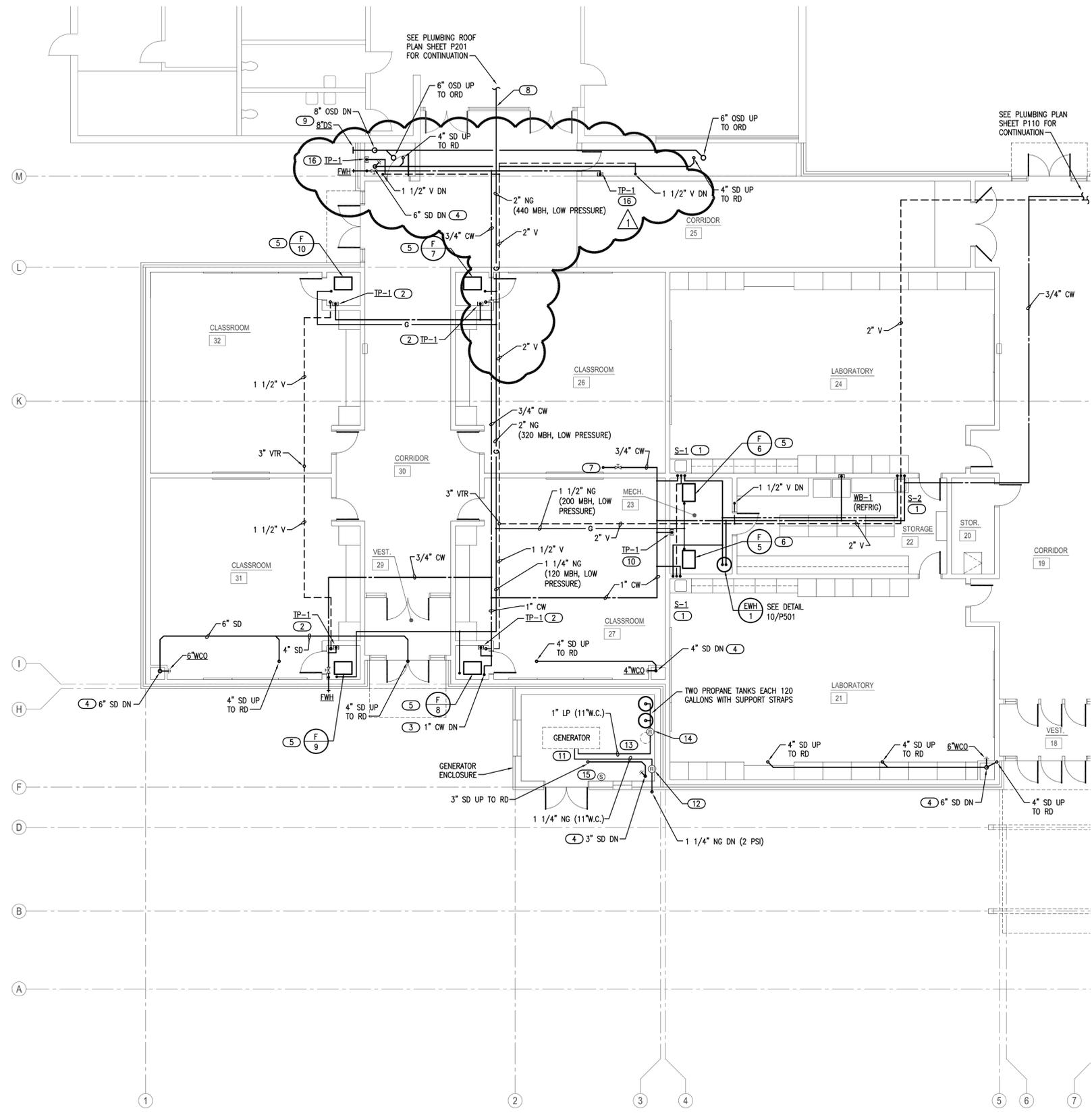


KEYPLAN
NO SCALE

1 PLUMBING PLAN - ABOVE GRADE - AREA A
SCALE: 1/8" = 1'-0"

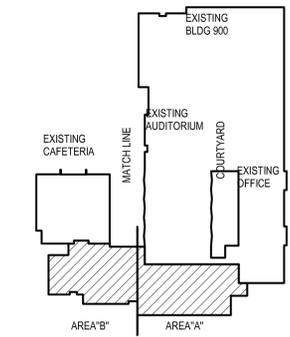


Salas O'Brien
2900 S. Telephone Road, Suite 120
Moore, OK 73160
Salas O'Brien Registration: CA# 7058
Expiration Date: 6/30/2025
Salas O'Brien Project Number: 2550-00564-00



- ### GENERAL NOTES
- COORDINATE WORK WITH ALL OTHER TRADES ON SITE.
 - CONTRACTOR SHALL COORDINATE ALL SAFEROOM SHELTER PENETRATIONS WITH STRUCTURAL. REFER TO STRUCTURAL DETAIL SHEET FOR PENETRATION PROTECTION FOR RECTANGULAR OPENINGS GREATER THAN 3.5 SQUARE INCHES AND CIRCULAR OPENINGS GREATER THAN 2.125 INCHES PER 2014 ICC-500.
 - SINK AND LAVATORY WATER SUPPLY STUB OUTS SHALL BE COPPER PIPE WITH SUPPORT BRACKET FASTENED IN WALL CAVITY.
 - FIRE SEAL ALL PENETRATIONS THRU RATED STRUCTURES TO MAINTAIN FIRE RATING.
 - REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET P601 FOR FIXTURE ROUGH-IN PIPE SIZES AND ISOMETRIC SHEETS P301 AND P302.
 - PROVIDE ACCESS PANELS FOR ALL VALVES/DEVICES ABOVE HARD CEILINGS AND BEHIND WALLS.
 - ALL GAS PIPE SHALL COMPLY WITH IFGC. BRANCH LINES SHALL TAP OFF TOP OF GAS MAINS AND INSTALL SHUT-OFF VALVE ON BRANCH LINE.
 - TRAP PRIMER LINES SHALL BE COPPER TYPE "K" OR PEX-a TUBING WITH CONTINUOUS SLOPE TOWARDS DRAIN CONNECTION.
 - COORDINATE HEIGHT OF EXTERIOR FREEZELESS WALL HYDRANT (FWH) WITH GC AND/OR ARCHITECT. SEAL FIXTURE FLANGE WATERTIGHT.
 - INSULATE STORM DRAIN AND SLOPE DOWN AT 1/8" PER FOOT.

- ### KEYED NOTES
- INSTALL THERMOSTATIC MIXING VALVE (TMV-1) BELOW SINK. LABORATORY SINKS SEE DETAIL 8/P501. STORAGE ROOM SINKS SEE DETAIL 5/P501.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-1) IN ACCESSIBLE LOCATION IN FURNACE CLOSET. ROUTE 1/2" LINE FROM UNIT TO HUB DRAIN. COORDINATE POWER WITH EC. SEE DETAILS 1/P501 AND 11/P501.
 - ROUTE DOMESTIC WATER SERVICE DOWN WITH PRV-2 AND BALL VALVE AT 24" A.F.F. AND ROUTE DOWN TO BELOW FLOOR. SEE SHEET P102 FOR CONTINUATION.
 - COORDINATE CHASE SIZE WITH GC FOR STORM DRAIN PIPE DOWN TO BELOW FLOOR. INSTALL WALL CLEANOUT AT MINIMUM 20" AFF. SEE SHEET P102 FOR CONTINUATION.
 - ROUTE 1" NATURAL GAS (LOW PRESSURE) LINE TO FURNACE. PROVIDE BALL VALVE, DRIP LEG, AND FINAL UNIT CONNECTION. COORDINATE CONNECTION WITH MC. SEE DETAIL 7/P501.
 - ROUTE 1 1/4" NATURAL GAS (LOW PRESSURE) LINE TO FURNACE. PROVIDE BALL VALVE, DRIP LEG, AND FINAL UNIT CONNECTION. COORDINATE CONNECTION WITH MC. SEE DETAIL 7/P501.
 - PROVIDE 3/4" CW WITH BALL VALVE TO CONNECTION FOR ROOF HYDRANT (FRH). COORDINATE WITH STRUCTURAL FOR INSTALLATION.
 - ROUTE 2" NATURAL GAS LINE (440 MBH, LOW PRESSURE) FROM EXISTING ROOF INTO NEW ADDITION. COORDINATE WITH GC AND STRUCTURAL FOR PENETRATION OF NATURAL GAS LINE THRU WALL.
 - COORDINATE CHASE SIZE WITH GC FOR STORM DRAIN PIPE. INSTALL FLOOR PIPE SUPPORT FOR ELBOW. INSTALL BOTTOM OF DOWNSPOUT NOZZLE AT 12" ABOVE GRADE. COORDINATE HEIGHT WITH GC.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-1) IN ACCESSIBLE LOCATION IN MECHANICAL ROOM. ROUTE 1/2" LINE FROM UNIT TO FLOOR SINK IN THIS AREA. COORDINATE POWER WITH EC. SEE DETAIL 1/P501.
 - DUAL FUEL (NATURAL GAS & PROPANE) GENERATOR BY EC. ROUGH-IN AND MAKE FINAL GAS CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
 - 1 1/4" NG (2 PSI) WITH BALL VALVE, DRIP LEG, PRESSURE REGULATOR AND 1 1/4" NG (446 MBH, 11" W.C. PRESSURE) PIPE TO GENERATOR.
 - PROVIDE FLOOR MOUNTED PIPE SUPPORTS FOR NATURAL GAS AND PROPANE PIPES.
 - 1/2" PROPANE FROM TANKS TO 2-STAGE REGULATOR WITH 11" WATER COLUMN PRESSURE OUT (477.5 MBH). ROUTE REGULATOR VENT TO ROOF PER CODE. EMERSON FISHER REGULATOR MODEL R232A OR EQUAL.
 - INSTALL PROPANE GAS SENSOR (PGS-1) AT 4'-0" AFF AND INTERLOCK WITH RELAY PANEL, EXTERIOR ALARM BEACON MOUNTED TO RIGHT OF DOOR, SHUT-OFF BUTTON INSIDE OF DOOR AND 1" PROPANE GAS SOLENOID VALVE. COORDINATE WITH EC FOR 120V POWER TO RELAY, SENSOR AND SOLENOID VALVE.
 - PROVIDE 1/2" CW WITH STRAINER TO TRAP PRIMER (TP-1) IN ACCESSIBLE LOCATION. ROUTE 1/2" LINE FROM UNIT TO FLOOR DRAIN. COORDINATE POWER WITH EC. SEE DETAIL 1/P501.

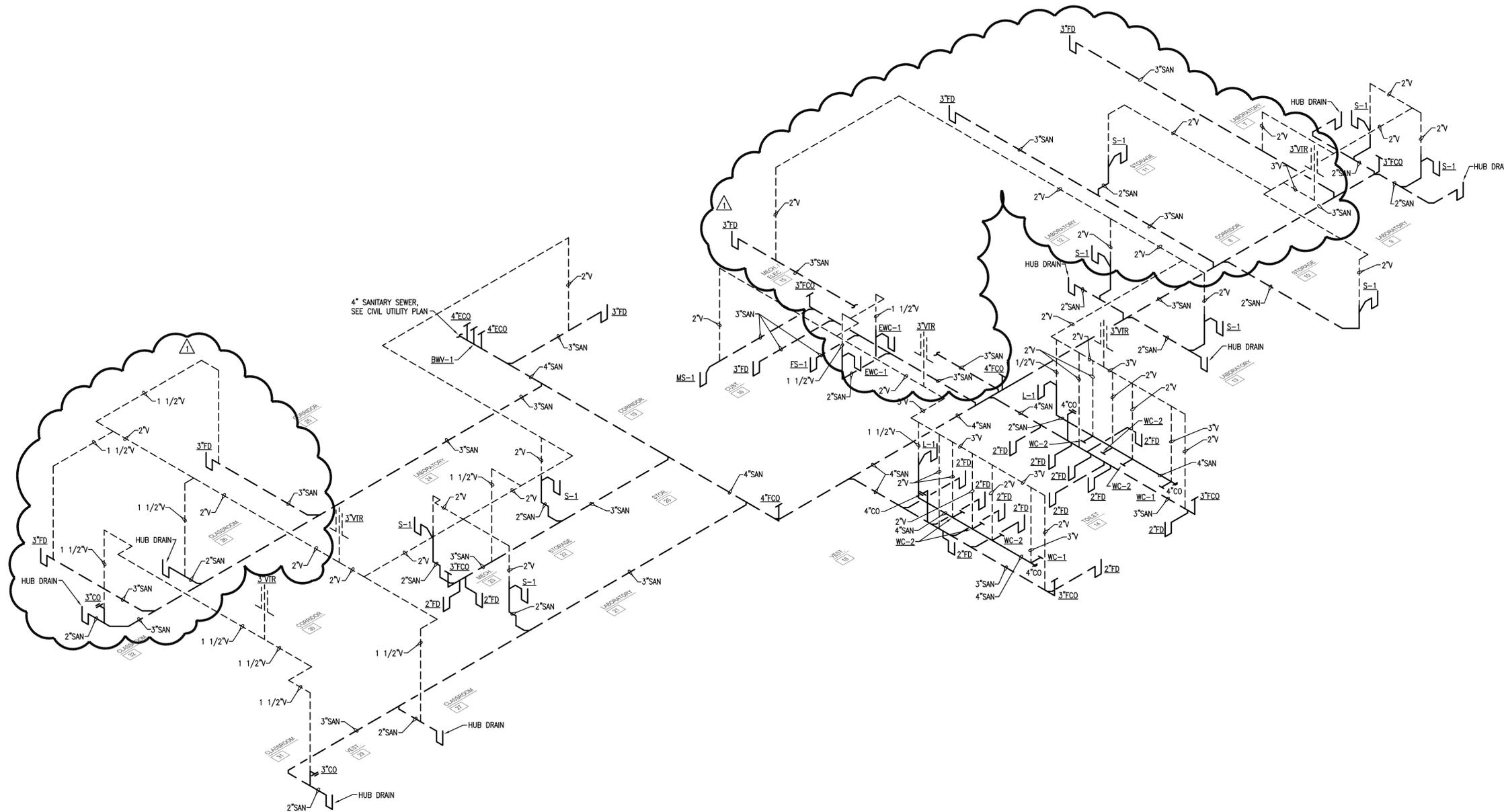


KEYPLAN
NO SCALE

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Salas O'Brien Project Number: 2550-00564-00

1 PLUMBING PLAN - ABOVE GRADE - AREA B
SCALE: 1/8" = 1'-0"





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KP	checked by
APRIL 2025	date
revisions	
△	08/19/2025 AD 08

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CLASSROOM ADDITION
CENTRAL JUNIOR
HIGH SCHOOL

sheet no:

P301

1 PLUMBING ISOMETRIC - WASTE & VENT
NO SCALE

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CEDAR CREEK

CIVIL

KFC ENGINEERING

STRUCTURAL

SALAS O'BRIEN

MECHANICAL / ELECTRICAL



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KP
checked by
APRIL 2025
date
revisions
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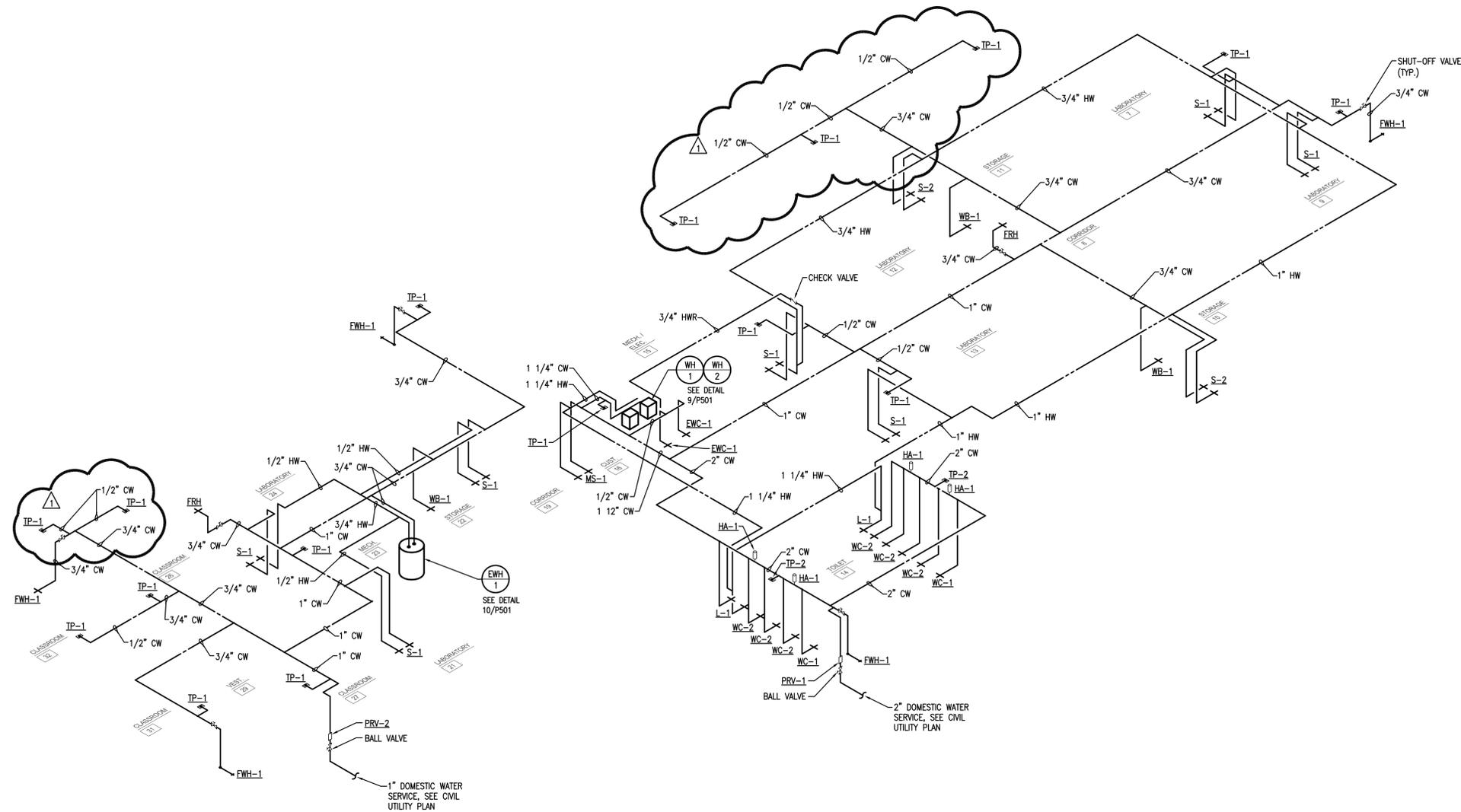
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CLASSROOM ADDITION
CENTRAL JUNIOR
HIGH SCHOOL

sheet no:

P302



1 PLUMBING ISOMETRIC - DOMESTIC WATER
NO SCALE

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