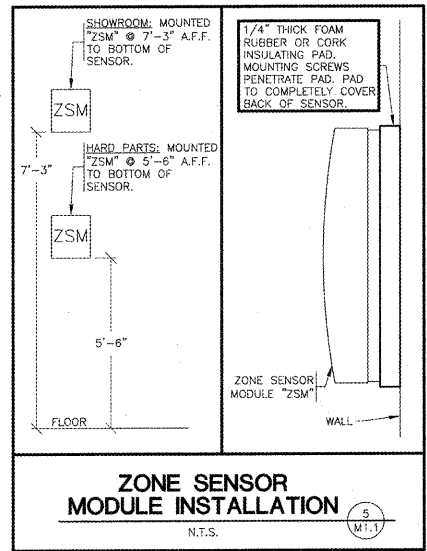


- HVAC GENERAL NOTES**
- DRAWING IS DIAGRAMMATIC AND IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS OR FIELD MEASUREMENTS FOR DIMENSIONS.
 - ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE CODE(S) NOTED ON THE CODE SUMMARY SHEET.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
 - ALL ROOF AND WALL PENETRATIONS REQUIRED SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. PROVIDE ALL SLEEVES, FLASHING, CURBS, REINFORCING ANGLES, SUPPORTING FRAMES, ETC., WHICH ARE REQUIRED UNLESS THEY ARE SPECIFICALLY CALLED OUT TO BE FURNISHED BY OTHERS.
 - A SUBMITTAL OF ALL MATERIALS AND EQUIPMENT PROPOSED TO BE USED ON THE JOB SHALL BE PREPARED AS SOON AS POSSIBLE AFTER AWARD OF THE CONTRACT. THE SUBMITTAL WILL BE REVIEWED BY THE OWNER FOR EQUAL QUALITY AND PERFORMANCE TO BE INCLUDED IN THE SUBMITTAL.
 - THE PROPER PERFORMANCE OF THE CONTROL SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS WORK WITH THE WORK OF OTHER SUBCONTRACTORS OF THE PROJECT. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
 - DUCT DIMENSIONS ON PLANS ARE TO BE FINISHED INSIDE DIMENSIONS.
 - DUCT MATERIALS SHALL BE AS FOLLOWS:
ROUND SUPPLY AIR DUCT (SPEC 23 30 00)
RECTANGULAR SUPPLY AND RETURN AIR DUCT WORK (SPEC 23 30 00) INSTALL TURNING VANES IN ALL ELBOWS. DO NOT SUBSTITUTE RADIUS ELBOWS.
RUNOUTS TO DIFFUSERS (SPEC 23 30 00) (SEE DIFFUSER INSTALLATION DETAIL).
EXHAUST DUCT (SPEC 23 30 00)
TRANSITIONS (SPEC 23 30 00) SHALL CONFORM TO SMACNA STANDARDS.
INSULATE HVAC CONDENSATE DRAIN PIPING WITH 1/2" ARMAFLEX.
 - ALL WORK IS TO BE GUARANTEED FOR ONE YEAR UPON OCCUPANCY.
 - NO EQUIPMENT OR FIXTURE SUBSTITUTIONS (THAT ARE NOT CURRENTLY LISTED) WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER.
 - UPON COMPLETION BALANCE SYSTEMS TO AIR FLOWS SHOWN. REPORT THE BALANCING MEASUREMENTS ON THE "AS BUILT" DRAWINGS.
 - MOUNT CONDENSATE AND REFRIGERANT LINES AS HIGH AS POSSIBLE.
 - CONTROL WIRING BY HVAC CONTRACTOR. FINAL CONNECTIONS BY HVAC CONTRACTOR.
 - ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A ONE-COMPONENT NON-SAG URETHANE ELASTOMERIC SEALANT. ANY CONTRACTOR WHO USES SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE AND REPLACE WITH A SPECIFIED SEALANT (SPEC: 07 92 00).
 - THE HVAC SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 101-7-2 and NFPA 90A "STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATION SYSTEMS".
 - ALL HVAC SYSTEM FLUES & VENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 54 (LATEST EDITION).
 - PROVIDE AIR FILTRATION MEDIA FOR OUTSIDE RETURN AIR PRIOR TO OCCUPANCY. PROVIDE AT LEAST A MINIMUM EFFICIENCY REPORT VALUE (MERV) OF 8.
 - COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. AT THE TIME OF ROUGH INSTALLATION, OR BEFORE STARTUP ON THE CONSTRUCTION SITE AND UPON STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH PLASTIC, STAINLESS STEEL OR OTHER MATERIAL ACCEPTABLE TO THE AIR FORCE AGENCY TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.
 - CONTROL WIRING SHALL RUN AT A MINIMUM SLOPE OF 1/8-INCH PER FOOT.

- HVAC LEGEND**
- SUPPLY DIFFUSER (4 WAY)
 - SUPPLY DIFFUSER (1 WAY)
 - RETURN AIR GRILLE
 - EXHAUST REGISTER
 - RECTANGULAR OR ROUND DUCT
 - ROUND DUCT
 - FLEXIBLE DUCT (MAX. LENGTH = 6'-0" NOTE: LOCATION OF FLEX DUCT SHALL BE ONLY AS INDICATED ON PLAN VIEW DRAWINGS.)
 - 1" CONDENSATE PIPING
 - REFRIGERANT PIPING
 - AIR FLOW INDICATOR
 - SADDLE TAP FITTING (WITH DAMPER)
 - THERMOSTAT
 - COMMUNICATION CABLE
 - TURNING VANES
 - MOTORIZED DAMPER
 - REMOTE TEST STATION FOR DUCT SMOKE DETECTOR (MOUNT AT 5'-0" A.F.F.)
 - REMOTE ALARM/STROBE FOR DUCT SMOKE DETECTOR (MOUNT AT 7'-6" A.F.F.)
 - DUCT TEMPERATURE SENSOR
 - ZONE SENSOR MODULE (ZSM) SEE ZONE SENSOR MODULE INSTALLATION DETAIL
 - CO2 SENSOR FOR DEMAND CONTROL VENTILATION (FACTORY INSTALLED)

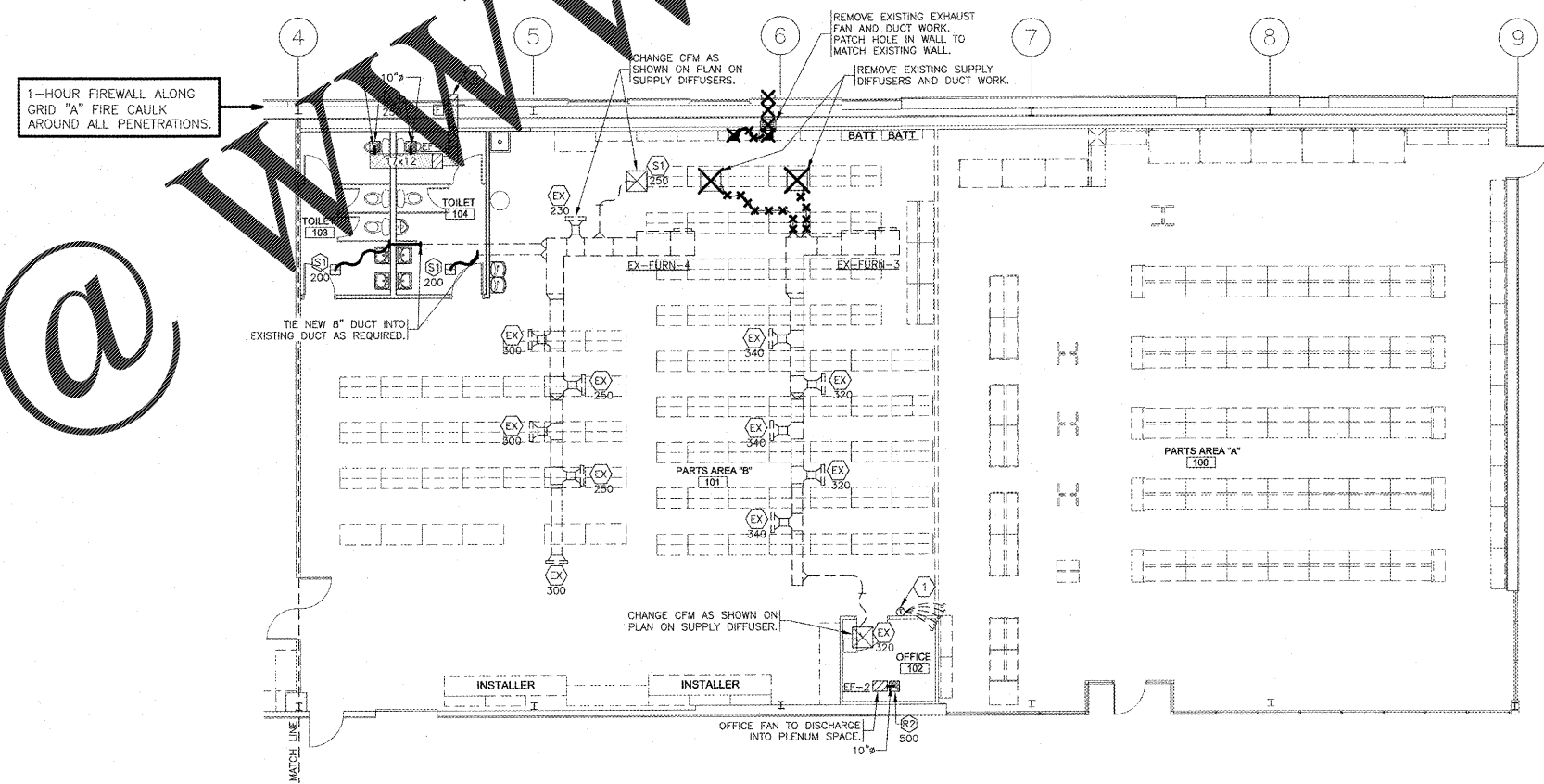


- HVAC - KEYNOTES**
- WALL CAP 500 CFM EXHAUST. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATION.
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EXISTING ADM-BASIC S/N: 1204

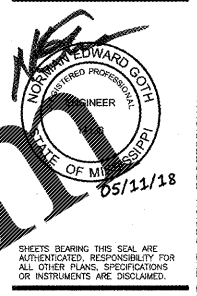
- HVAC DEMOLITION NOTES**
- REMOVE EXISTING EXHAUST FAN, DUCT WORK AND SUPPLY DIFFUSERS AS SHOWN ON PLAN.

- HVAC SCOPE OF WORK**
- ALL EXISTING HVAC SHALL REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLANS. REWORK EXISTING DUCTWORK AND DIFFUSERS AS NECESSARY TO ACCOMMODATE NEW CONFIGURATION OF FLOOR PLAN. WHERE NEW LAY-IN CEILING AND LIGHTING HAS BEEN INSTALLED, CONTRACTOR SHALL RELOCATE DIFFUSERS AND DUCTWORK AS REQUIRED.
- AT CONSTRUCTION COMPLETION:
- CONTRACTOR SHALL REPLACE ALL RETURN AIR FILTERS INSIDE ALL HVAC UNITS WITH CLEAN NEW AIR FILTERS.
 - CONTRACTOR SHALL SUPPLY AN ADDITIONAL CLEAN SET OF NEW AIR FILTERS TO THE OWNER AT JOB COMPLETION.
 - CONTRACTOR SHALL SHOW THE STORE MANAGER THE LOCATION OF AND INSTRUCT HIM HOW TO CHANGE ALL AIR FILTERS.
- INSTALL NEW HVAC EQUIPMENT, DUCT WORK, FANS AS SHOWN ON PLANS.



Order Plans @

PARTIAL HVAC PLAN
SCALE: 1/8" = 1'-0"



O'Reilly AUTO PARTS
CORPORATE OFFICES
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SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

PROJECT:
NEW O'REILLY AUTO PARTS STORE
2730 HIGHWAY 80 EAST
PEARL, MISSISSIPPI

HVAC PLAN

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DRAWN BY: _____ CHECKED BY: **NEG**
DATE: **05/11/18**
REVISION: _____
PROJECT NUMBER: **PEA-0994**
SHEET NUMBER: **M1.1**