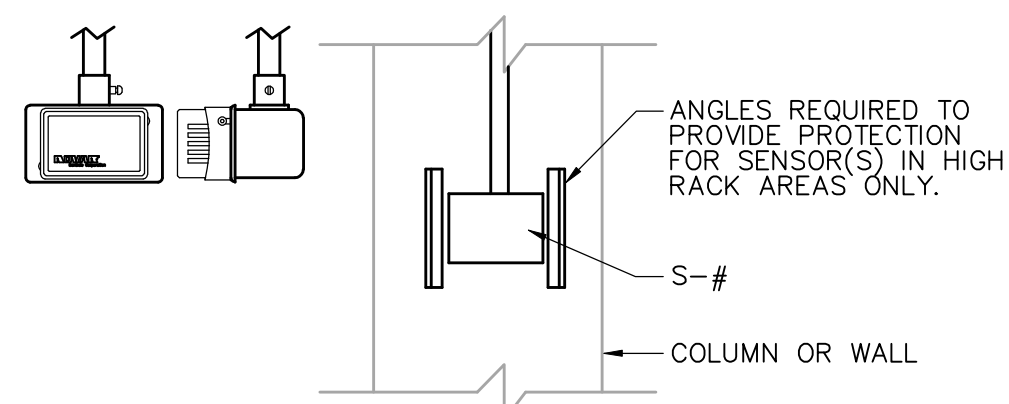
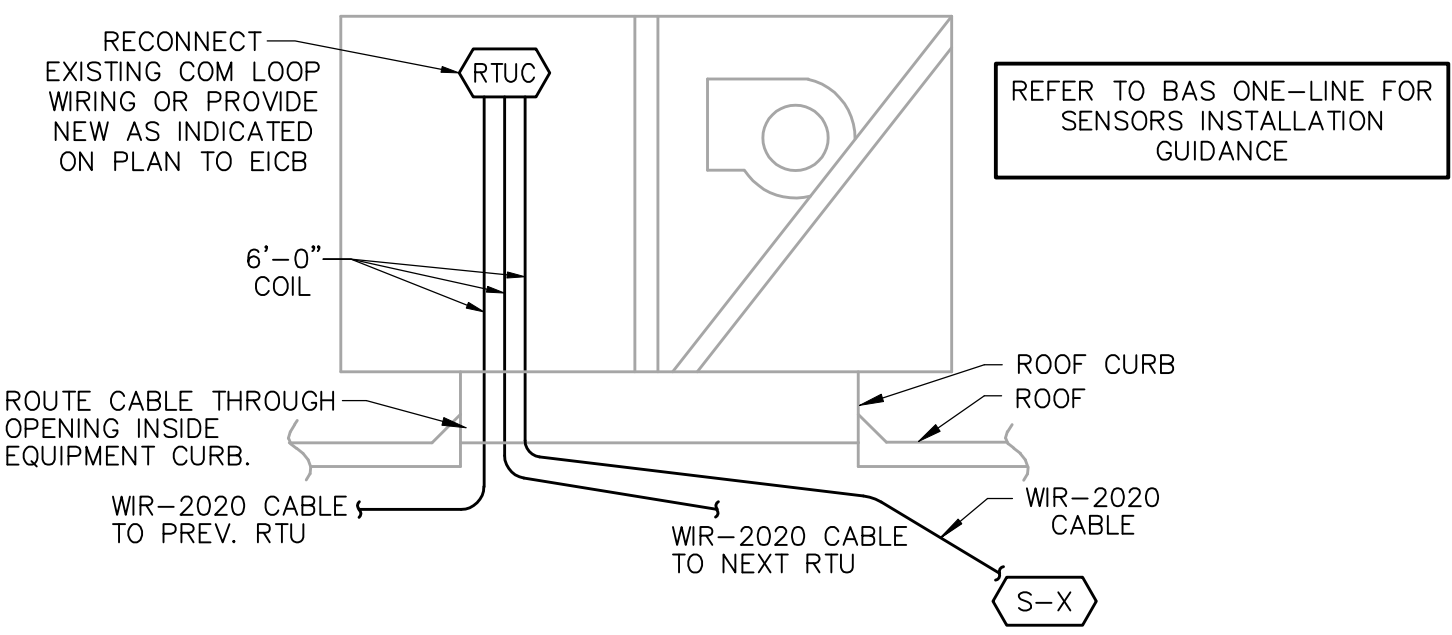
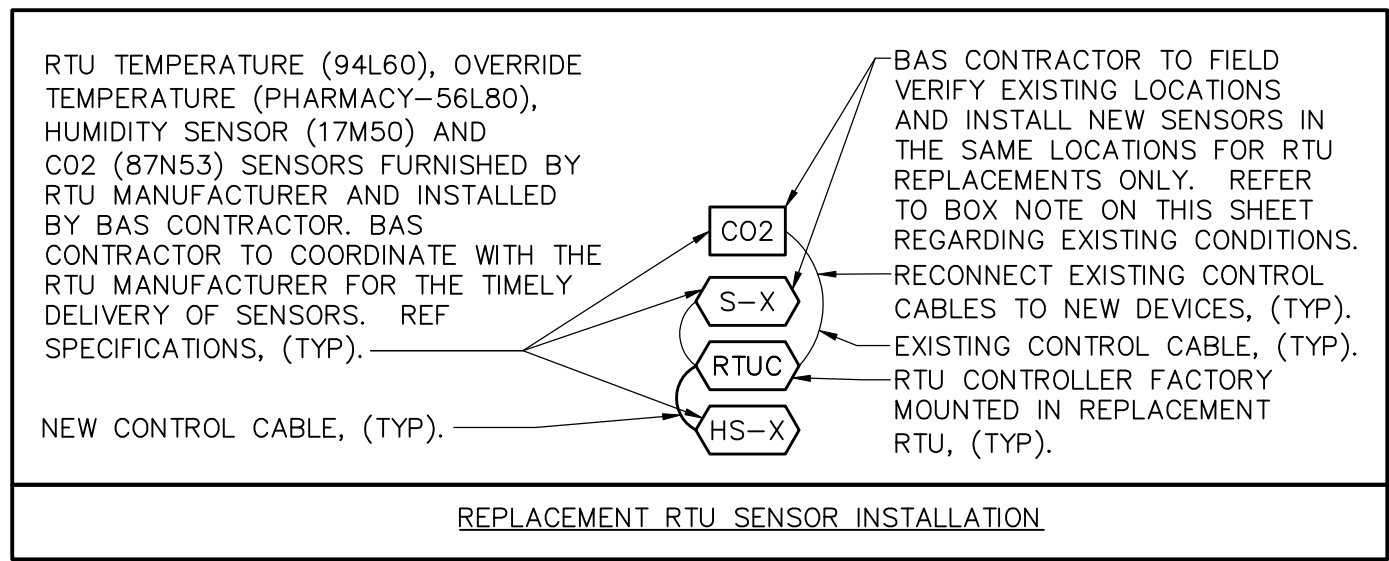
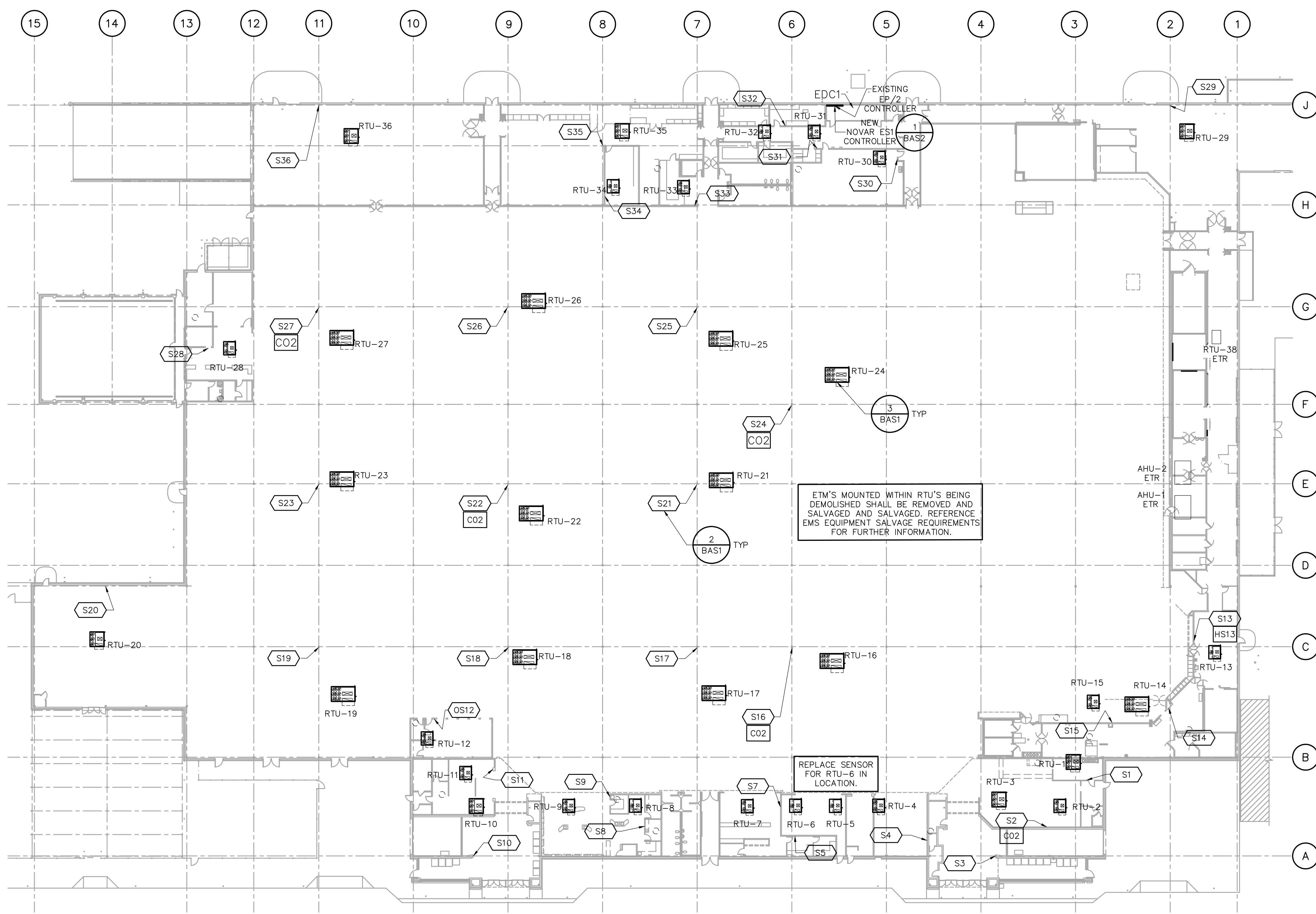


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3 RTU SENSOR & WIRE DETAIL - RTUC NTS

2 ZONE TEMPERATURE SENSOR MOUNTING DETAIL NTS 02/26/10 WREP28



1 BUILDING AUTOMATION SYSTEM PLAN 1"=30'-0"

BAS SYMBOLS		GENERAL BAS NOTES
10,30,15		
AHUC	AHU CONTROLLER	1. TEMPERATURE AND CO2 SENSOR MOUNTING: PROVIDE 1/2" CONDUIT AND INSTALL BAS CABLE FROM SENSOR TO CONTROL MODULE. MOUNT SENSOR ON BOX. ALL SENSORS TO BE MOUNTED AT +84" UNLESS NOTED OTHERWISE. SENSORS ON SALES FLOOR SHALL BE INSTALLED ON THE BACKSIDE OF COLUMN. DO NOT INSTALL SENSORS IN HVAC SUPPLY AIR PATH OR IN DIRECT SUNLIGHT. REF MECHANICAL DRAWINGS FOR EXACT LOCATIONS. A. GYPSUM BOARD WALLS: PROVIDE A 4" SQUARE RECESSED BOX WITH A SINGLE GANG PLASTER RING FLUSH MOUNTED VERTICALLY. B. BLOCK WALLS AND COLUMNS: PROVIDE A 2"x4" BOX SURFACE MOUNTED VERTICALLY. C. INSULATE BEHIND SENSORS MOUNTED ON EXTERIOR WALLS WITH 1/2" POLYSTYRENE SPACER. D. MOUNT CO2 SENSORS 6" ABOVE TEMPERATURE SENSORS.
AHUS-X	AHU TEMPERATURE/HUMIDITY SENSOR	
ALS	ANALOG LIGHT SENSOR	
ETM	ELECTRONIC THERMOSTAT MODULE	
IDS	INDOOR DEWPOINT SENSOR	
IHS	INDOOR HUMIDITY SENSOR	
ITS	INDOOR TEMPERATURE SENSOR	
ODS	OUTDOOR DEWPOINT SENSOR	
OTS	OUTDOOR TEMPERATURE SENSOR	
S-X	TEMPERATURE SENSOR	
OS-X	TEMPERATURE OVERRIDE SENSOR	
HS-X	HUMIDITY SENSOR	2. TERMINATIONS SHALL BE MADE IN ACCORDANCE WITH BAS SUPPLIER INSTALLATION INSTRUCTIONS. NO FOIL OR UNUSED WIRE(S) SHALL BE EXPOSED AFTER APPLICATION OF HEAT SHRINK. 3. CABLE: PROVIDE CABLE ACCORDING TO DRAWINGS. NO DEVIATION FROM DRAWINGS WILL BE ACCEPTED. CABLES SHALL HAVE EACH END LABELED INDICATING WHERE THE OPPOSITE END TERMINATES. CABLE SHALL BE INSTALLED IN CONDUIT OR CABLE TRAY IN FINISHED AREAS OF BUILDING. 4. MINOR CHANGES IN MATERIALS OR TERMINATION POINTS SHALL NOT INCREASE CONTRACT COST. 5. ROUTE BAS CONDUITS IN SALES AREA CONCEALED (IN WALLS, PIPE RACKS AND/OR CHASES). PROVIDE A TRANSITION FROM THE PVC UNDERSLAB BAS CONDUIT TO EMT OR FLEX. BAS CABLES SHALL BE RUN IN CONDUIT FULL LENGTH, BENEATH REFRIGERATED CASES. BAS CABLES AT BAR JOIST LEVEL IN THE STOCKROOM CAN BE EXPOSED. 6. DEMOLITION: COORDINATE WITH ARCHITECTURAL DEMOLITION PLANS. THE EXTENT OF BAS DEMOLITION, REMOVE CONDUIT AND WIRES ALL THE WAY BACK TO ORIGINATING JUNCTION BOXES OR DEVICES. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. 7. BAS CONTRACTOR SHALL PROVIDE ASSISTANCE TO THE BAS SUPPLIER ON PERFORMING EQUIPMENT TESTS ON POWER SWITCHING PANELS AS NECESSARY. 8. DIMMING CONTROL WIRING MUST TERMINATE IN HOME RUN FIXTURES ONLY, AS SHOWN ON BAS PLANS. PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. DO NOT MODIFY THE LISTED FIXTURE'S WIRING HARNESS OR TERMINATE CONTROL WIRING IN THE ADJACENT FIXTURES. 9. DO NOT INSTALL EQUIPMENT OR CONDUITS DIRECTLY UNDER SKYLIGHT WELLS UNLESS INDICATED OTHERWISE ON PLANS. 10. WHERE GROUPED CONDUITS ARE INSTALLED WITHIN THE JOIST SPACE, COORDINATE WITH SPRINKLER CONTRACTOR PRIOR TO INSTALLATION IN ORDER TO MAINTAIN REQUIRED CLEARANCES FROM SPRINKLERS. 11. 24 HOURS PRIOR TO SHUTTING DOWN HVAC SYSTEMS OR ENERGY MANAGEMENT CONTROLS SYSTEMS, SEND EMAIL TO NSRM@WALMART.COM. THE E-MAIL SHALL STATE WHAT, WHY, AND WHEN IT IS BEING SHUT DOWN AND HOW LONG IT IS ANTICIPATED TO BE SHUT DOWN. THEN SEND A FOLLOW UP EMAIL TO NSRM@WALMART.COM AFTER THE WORK IS COMPLETE AND THE SYSTEM IS BACK UP AND RUNNING.
SH	UNIT HEATER TEMPERATURE SENSOR	
RTUC	ROOFTOP UNIT CONTROLLER	
EICB	EQUIPMENT INTERFACE COMM BOARD	
BAP	BUILDING ALARM PANEL	
FAP	FIRE ALARM PANEL	
CO2	CARBON DIOXIDE SENSOR	
FDI	FLOURESCENT DIMMER INTERFACE	
HIR	HUMIDITY INTERFACE RELAY	
IAO	INTERFACE ANALOG OUTPUT	
IFP	INTERFACE PANEL	
IOM	INPUT/OUTPUT MODULE	NOTE: ALL WORK ON THIS SHEET IS TO BE COMPLETED BY A WALMART APPROVED CONTRACTOR
IR	INTERFACE RELAY	
C#	CONTACTOR	
MINIG	AHU INTERFACE MODULE AND/OR I/O MODULE	
PLM	PHASE LOSS MONITOR	
FSOP	POWER SWITCHING OVERRIDE PANEL	
PSP	POWER SWITCHING PANEL	
ROP	REMOTE OVERRIDE PANEL	
ELDP	ECLIPSE LIGHT DIMMING PANEL	
UCM	UNITARY CONTROL MODULE	
EST	BUILDING BAS CONTROLLER	
XCM,20R	BUILDING BAS CONTROLLER	
LINGO XE	BUILDING BAS CONTROLLER	
EP/2	BUILDING BAS CONTROLLER	
LCD	NOVAR LCD DISPLAY	
NOS	NIGHT OVERRIDE SWITCH	
P	POTENTIOMETER	
S	MOMENTARY PUSH BUTTON SWITCH	

BAS EQUIPMENT SALVAGE REQUIREMENTS
12.19.14
ALL DEMOLISHED NOVAR EMS EQUIPMENT SHALL BE RETURNED TO WALMART MECHANICAL SERVICES CONSTRUCTION MANAGER. EQUIPMENT TO BE RETURNED INCLUDES: EXECUTIVE CONTROLLERS(S), IOW(S), OIW(S), COM(S), ETC. PROVIDE THE FOLLOWING DOCUMENTATION FOR ALL EQUIPMENT REMOVED IN ACCORDANCE WITH SPECIFICATIONS AND REQUIRED CLOSE-OUT DOCUMENTS.

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

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STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR THE PROJECT SHOWN HEREON. IT IS NOT TO BE REUSED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE DESIGNER SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO THE DESIGNER.

CONSULTANTS

Walmart
ATHENS, GA
STORE NO. 2811-605
JOB NUMBER: 24828
PROTO: CAPX COMBO

ISSUE BLOCK

CHECKED BY: JCH
DRAWN BY: AUY
PROTO CYCLE: 07/31/20
DOCUMENT DATE: 09/09/20

The original of this document was sealed and signed by
Jason C. Adams, P.E., Registration #PE210025
on 09/09/2020.
A CERTIFIED DOCUMENT.

NOT FOR CONSTRUCTION

BUILDING AUTOMATION SYSTEM

novar

SHEET:
BAS1