

SPLIT-SYSTEM AIR CONDITIONING NOTES:

MATERIALS

SPLIT-SYSTEM UNITS: BY MITSUBISHI ELECTRIC OR APPROVED EQUAL.

CONTRACTORS: CONTRACTORS SHALL BE HEAVY-DUTY DOUBLE POLE DEVICES, DESIGNED FOR HARD STARTS.

INSULATION MATERIALS FOR PIPING:

1. FLEXIBLE ELASTOMERIC CELLULAR INSULATION: FLEXIBLE EXPANDED CLOSED-CELL STRUCTURE WITH SMOOTH SKIN ON BOTH SIDES; TUBULAR MATERIALS, ASTM C 534, TYPE I; SHEET MATERIALS, ASTM C 534, TYPE II.
2. FIRE PERFORMANCE: TYPE SUITABLE FOR SERVICE.
3. VAPOR BARRIER: TYPE SUITABLE FOR SERVICE.
4. INSULATION ACCESSORIES: INSULATING CEMENTS, ADHESIVE JACKETS TAPE, BANDS, WIRE, AND SEALING COMPOUNDS SUITABLE FOR SERVICE AND EXPOSURE.

INSTALLATION

INSTALL MATERIALS AND SYSTEM IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPROVED SUBMITTALS. INSTALL MATERIALS IN PROPER RELATION WITH ADJACENT CONSTRUCTION AND WITH UNIFORM APPEARANCE FOR EXPOSED WORK. COORDINATE WITH WORK OF OTHER SECTIONS. COMPLY WITH APPLICABLE REGULATIONS AND CODE REQUIREMENTS. PROVIDE PROPER CLEARANCES FOR SERVICING.

SUPPORT PIPING PROPERLY. PITCH TO DRAIN POINTS. INSTALL WITH PIPE EXPANSION LOOPS; MECHANICAL EXPANSION JOINTS, AND ANCHORS.

MAINTAIN INDICATED FIRE RATINGS OF WALLS, PARTITIONS, CEILINGS AND FLOORS AT PENETRATIONS. SEAL WITH FIRESTOPPING TO MAINTAIN FIRE RATING.

INSTALL REFRIGERANT LINES ON SPLIT-SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSULATE LINES. FOR EXTERIOR APPLICATIONS, USE ULTRAVIOLET-RESISTANT INSULATION. USE PVC SLEEPERS TO SUPPORT LINES, A MAXIMUM OF 4 FEET ON CENTER ACROSS ROOFS AND FLAT SURFACES.

CHARGE THE HVAC SYSTEM. TEST FOR LEAKS, AND VERIFY THE UNIT IS FULLY OPERATIONAL. CLEARLY LABEL AND TAG ALL COMPONENTS. TEST AND BALANCE ALL SYSTEMS FOR PROPER OPERATION. REMOVE AND REPLACE UNITS WHICH DO NOT OPERATE PROPERLY AT NO ADDITIONAL EXPENSE TO COMPANY.

RESTORE DAMAGED FINISHES. CLEAN AND PROTECT WORK FROM DAMAGE.

SUBMITTALS

PRODUCT DATA: SUBMIT MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR EACH MATERIAL AND PRODUCT USED.

OPERATION AND MAINTENANCE DATA: SUBMIT MANUFACTURER'S OPERATION AND MAINTENANCE DATA, INCLUDING OPERATING INSTRUCTIONS, LIST OF SPARE PARTS AND MAINTENANCE SCHEDULE.

QUALITY ASSURANCE

COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

COMPLIANCE: ARI 210,360; ASHRAE 15; ASME CODE.

WARRANTY: WARRANTY FOR HVAC COMPONENTS SHALL BEGIN WHEN THE UNIT IS DELIVERED.

EQUIPMENT NOTES:

1. AIR CONDITIONING SYSTEM (AC/ACCU): SPLIT SYSTEM "MITSUBISHI", PK30FK DUCTLESS INDOOR UNIT (AC) WITH WIRED REMOTE CONTROLLER. UNIT TO BE PROVIDED WITH CONDENSATE PUMP.
2. RUN A 5/8" PVC CONDENSATE LINE FROM THE INDOOR UNIT (AC) AS MANUFACTURER'S INSTRUCTIONS AND LOCAL CODES REQUIRED AND CONNECT TO NEAREST DRAINAGE SYSTEM IN BUILDING.
3. PROVIDE SUPPORTS AS REQUIRED AND INSTALL AC UNIT AS SHOWN ON DRAWINGS.
4. AIR COOLED CONDENSING UNIT (ACCU), LOCATED OUTSIDE EQUIPMENT ROOM ON STEEL MEMBERS.

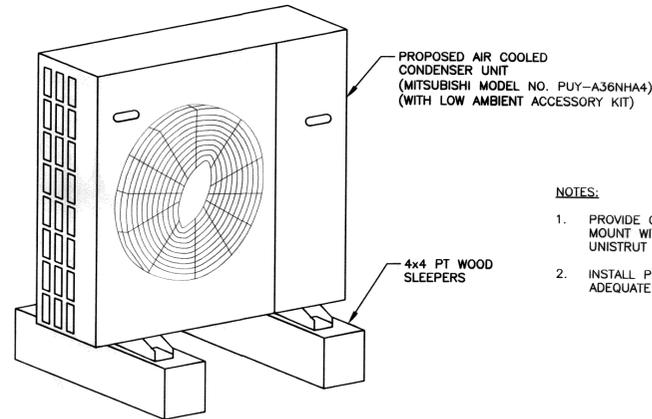
SPECIFICATIONS:

APPLICATION:	A/C
BTU COOLING:	34,200 BTU/HR
MOUNTING LOCATION:	WALL-MOUNTED
SEER:	14.0 BTU/H/W
CIRCUIT BREAKER:	30A

INDOOR UNIT:	PKA-A36KA4
INDOOR INPUT POWER: (V,PH,Hz)	208/230V, 1PHASE, 60HZ
INDOOR DIMENSIONS: (In. HxWxD)	14-3/8 x 46-1/16 x 11-5/8
INDOOR WEIGHT: (Lbs.)	46
AIRFLOW DRY: (CFM)	705-810-920
AIRFLOW WET: (CFM)	635-730-830

OUTDOOR UNIT:	PUY-A36NHA4
OUTDOOR DIMENSIONS: (In. HxWxD)	37-1/8 x 37-3/8 x 13 + 1-3/16
OUTDOOR WEIGHT: (Lbs.)	163
OUTDOOR SOUND LEVEL: (dBA)	48

REFRIGERANT TYPE:	R410A
PIPE SIZE (Liquid): (In.)	3/8
PIPE SIZE (Gas): (In.)	5/8
INDOOR CONNECTION METHOD:	FLARE
OUTDOOR CONNECTION METHOD:	FLARE



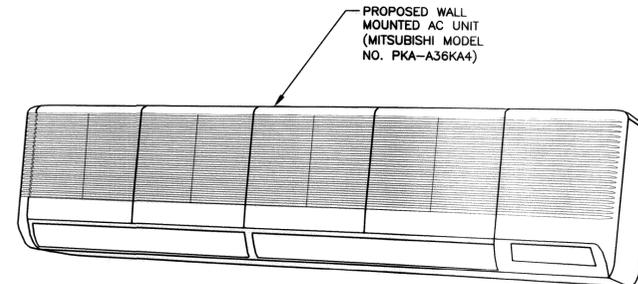
NOTES:

1. PROVIDE GFI OUTLET AT CONDENSER LOCATION. MOUNT WITH DISCONNECT ON GALVANIZED UNISTRUT FRAME.
2. INSTALL PER MANUFACTURER SPECIFICATIONS WITH ADEQUATE SPACE FOR HEAT TRANSFER.

CONDENSER UNIT (OUTDOOR)

SCALE: N.T.S.

1



NOTES:

1. MOUNT TO PROPOSED WALL STUDS PER MANUFACTURERS SPECIFICATIONS.

WALL MOUNTED AC UNIT (INDOOR)

SCALE: N.T.S.

2



VERIZON WIRELESS
400 FRIBERG PARKWAY
WESTBOROUGH, MA 01581-3956

BELMONT 3 MA

CONSTRUCTION DRAWINGS

0	11/16/15	FOR CONSTRUCTION
A	09/04/15	FOR REVIEW



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REVIEWED BY:	DAS
CHECKED BY:	BBR
PROJECT NUMBER:	50002925
JOB NUMBER:	50066098
SITE ADDRESS:	

582 PLEASANT STREET
BELMONT, MA 02478

SHEET TITLE

HVAC DETAILS

SHEET NUMBER

M-1