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REFRIGERANT PIPING DIAGRAM

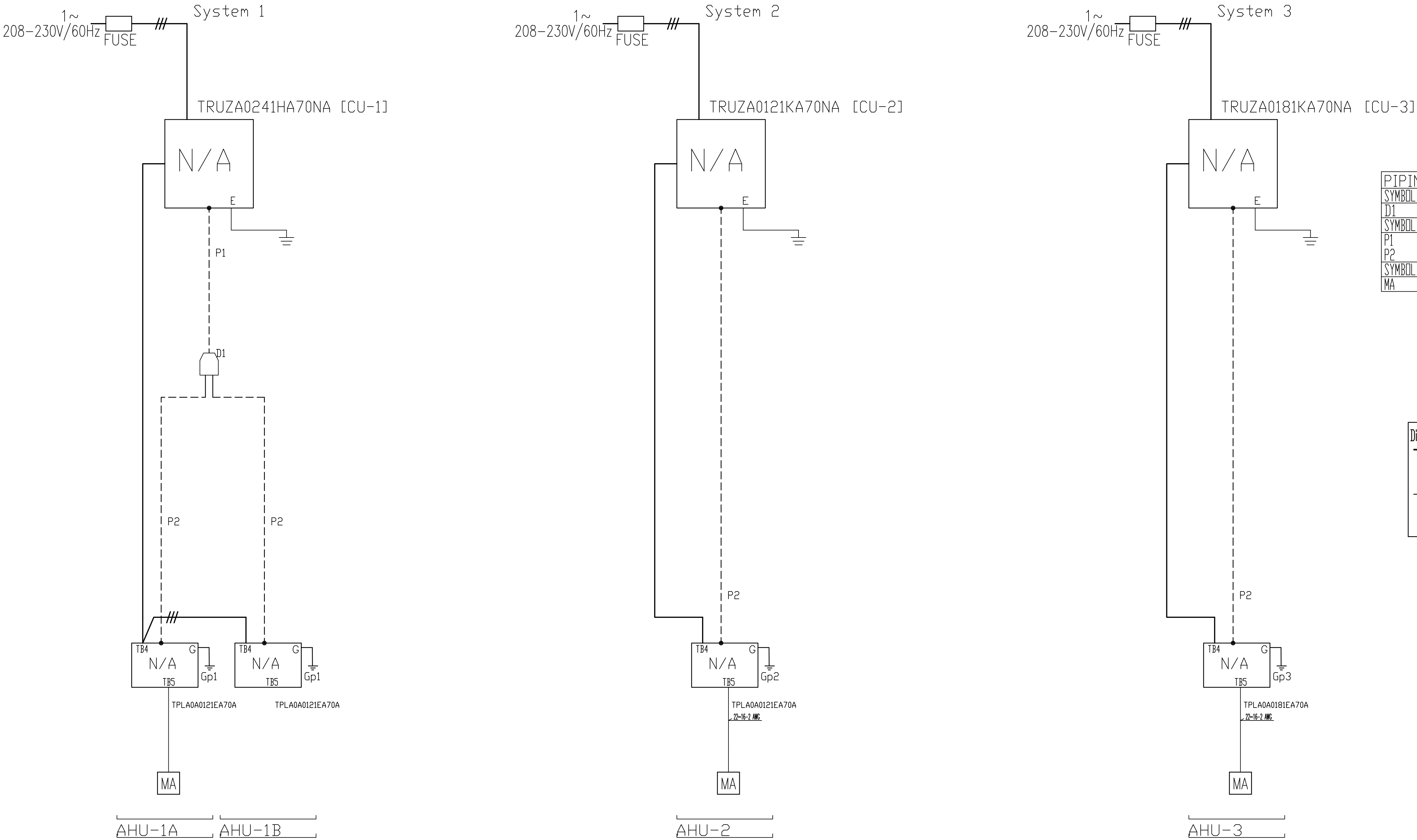
This drawing is schematic in nature. Final routing of piping & wiring shall be determined by the installing contractor and/or designer of record

Additional refrigerant charge is needed depending on the size and length of extended piping. Please refer the amount of pre-charge and the formula of calculation which is mentioned on the data book.

$1.25\text{mm}^2(16\text{ AWG}) : 1.25\text{mm}^2(16\text{ AWG})$  or more.  $0.75\text{mm}^2(20\text{ AWG}) : \text{between } 0.5\text{mm}^2(24\text{ AWG}) \text{ and } 0.75\text{mm}^2(20\text{ AWG}).$

CITY MULTI  
SYSTEM SCHEMATIC DWG.

DIAGRAM SYMBOL LEGEND		CONT.No	PAGE
DISPLAY	DESCRIPTION		
///	POWER WIRE		
---	CONTROL WIRE		
---	REF. PIPE		



PIPING AND CONTROLS	
SYMBOL	BRANCH PIPE MODEL NAME
D1	MSDD-50TR-E
SYMBOL	LIQUID PIPE/GAS PIPE SIZE
P1	3/8 / 5/8
P2	1/4 / 1/2
SYMBOL	MODEL NUMBER
MA	TAR-CTOIMAU-SB

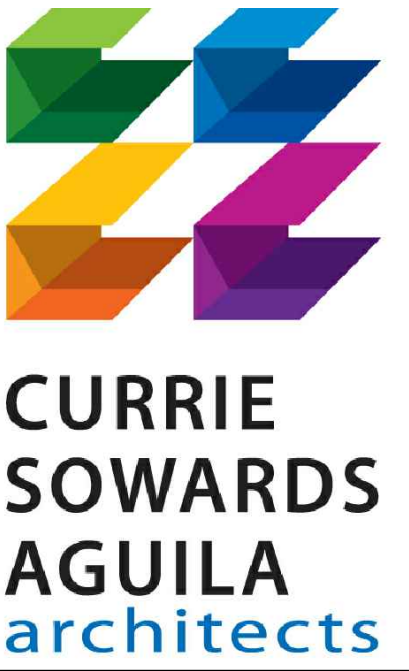
Diamond System Builder

sw: 4.3.1.35  
db: 4.3.1.36

10/20/2021  
12:59 PM

REMARKS  
Comments:

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
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PROJECT MANAGER:	RON SLOAN
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ISSUED FOR :

BIDS  
PERMIT  
CONSTRUCTION  
SEAL

JOSE AGUILA  
FL. REG# A000

PROJECT TITLE  
STONEBRIDGE  
COUNTRY CLUB  
GOLF  
MAINTENANCE  
BUILDING

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REVISIONS

THESE DRAWINGS ARE PREPARED PER ESTABLISHED INDUSTRY STANDARDS AND REPRESENT THE ARCHITECT AND ENGINEERS DESIGN CONCEPT. THEY ARE NOT INTENDED TO PROVIDE EVERY DETAIL OR CONDITION REQUIRED TO CONSTRUCT THE BUILDING. THE CONTRACTOR THROUGH SUBMITTALS AND OTHER COORDINATION EFFORTS IS FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL BUILDING WHETHER INDICATED ON THE PLANS OR NOT.

DRAWING TITLE  
RISER DIAGRAM

DATE  
09/08/23

DRAWN BY  
KAB

JOB NUMBER  
220906

DRAWING NUMBER

M5.1

PERMIT SET - 10/16/23