|  |   | HVAC PU  | MP SCHE  | DULE  |  | SUCTION &  
  |  
   |  | REGISTER SCH   
  |   | COMMENTS   
   |   
   | AIR VOLUME   | S DUCT S   | VARIA<br>sizes air f  
  | PRESSURE DROP NOISE  
  | UME (VAV<br>criteria, max   | () TERMINAL  | UNIT SCHE   
  |  
  | TEMP (DEG F)   | UNIT DATA  |  
   |
|--|---|--|--|---|--
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UNIT LOCATION	SERVICE PUMP TY PE FLUID
  |  
   | SQUARE, SINGLE PLAQUE, PLATE DIFFUSER,   | SIZE SIZE  
  | MODEL   | COMMENTS   
   | TAG AREA SERVED   
   | MAXAIR MIN&F<br>VOLUME AIRV  | EHEAT INLET SIZE<br>OLUME (INCH-   | OUTLET BC   
  | X TOTAL DISCHA   
  | RGE RADIANT   | ENTER LEAVG OUTF   | UT WTR<br>VOLUME ROWS   
  | FACE AIR PRES  
  | S ENTER LEAVG PF   | ATER<br>RESS MANFR MODEL   | NOTES  
   |
|  | PRIMARY HOT WATER INLINE CENTRI HOT   |  |  | 1750 000  | BELL & GOSS  |  
  | A CEILING  
   | SUPPLY<br>CEILING<br>NARROW T-BAR, SURFACE MOUNTING, ETC. AS   | 24 X 24 STEEL  
  | WHITE PRICE SPD   | 6 INCH NK MAX 100 CFM,<br>8 INCH NK MAX 240 CFM,   
   |   
   | (CFM) (C   | FM) DIAM)  | W X H)  
  |  
  | , (110)   |  | (GPM)   
  | (FPM) WC)  
  |  | FWC)   |  
   |
| HWP-1 1ST FLR MECH RM                        | HEATING FUGAL WTR   | 90 40  | 1.5 2.0  | 1750 208  | 3 60 NA MODEL 1531 A   | -1/2 2.0, 1.5 1, 2   
  |  
   | DIFFUSER         REQUIRED. 24 X 24 DIFFUSER UNLESS NOTED           OTHERWISE.         T-BAR DIFFUSERS WITH EXTRUDED ALUMINUM   |  
  |   | 10 IN NK MAX 350 CFM   
   | VAV1-1 DINING NORTH   
   | 1600   | 40 14  | 20x18 0.  
  | 5 1.0 <1   
  | <15   | 60 113.36 25.9   | 95 2.20 2   
  | 678 0.38   
  | 150 125.17 2   | 2.59 PRICE SDVQ5   | 1,2,3,4  
   |
| HWP-2 1ST FLR MECH RM                        | PRIMARY HOT WATER INLINE CENTRI HOT<br>HEATING FUGAL WTR  | 90 40  | 1.5 2.0  | 1750 208  | 3 60 NA MODEL 1531   | ETT<br>1/2 2.0, 1.5 1, 2   
  |  
   | ADJUSTABLE PATTERN CONTROLLERS, INTEGRAL<br>PLENUM WITH ROUND (OR OVAL) DUCT<br>SUPPLY CONNECTIONS SECTION LENGTHS (SLICH AS 24"   |  
  |   | (2) 1 INCH SLOTS W/  
   | VAV1-2     DINING NORTH       VAV1-3     DINING SOUTH   
   | 1600 4<br>2200 5   | 39         14           50         14  | 20x18 0.<br>20x18 0.  
  | 5 1.0 <1<br>5 1.0 <1   
  | <15<br><15  | 60         95.46         17.2           60         109.40         30.0   | 20         0.90         2           03         2.50         2   
  | 678 0.33<br>932 0.67   
  | 150         109.82         0           150         124.71         3  | D.26         PRICE         SDVQ5           3.19         PRICE         SDVQ5  | 1,2,3,4  
   |
|  |   |  |  |   |  |  
  | B CEILING  
   | CELLING       30", 36", 48" & 60") AND WIDTH AND NUMBER OF         SLOT       SLOTS SHALL BE DEFINED ON THE DRAWINGS.         DIFFUSED       DROVIDE TRIM FOR EITHER AS PART OF THRAP.   | 48 X 4 STEEL<br>ENA  
  | INUM,<br>WHITE PRICE TBD 4 SERIES<br>MEL  | INCH L X 8 INCH DIA<br>INLET =/< 180 CFM, 48   
   | VAV1-4 SERVING LINE   
   | 1200   | 39 14  | 20x18 0.  
  | 5 1.0 <1   
  | <15   | 60 100.38 19.5   | 59 1.40 2   
  | 508 0.20   
  | 150 120.55 (   | 0.53 PRICE SDVQ5   | 1,2,3,4  
   |
| HWP-3 1ST FLR MECH RM                        | AHU-1 HOT WATER INLINE CENTRI HOT<br>COIL FUGAL WTR   | 10 20  | 0.2 0.25   | 1750 208  | 3 60 NA MODEL 60 - 1.0<br>X 5.25   | X 1.0 1.25, 1.25 2, 3  
  |  
   | CEILING SYSTEM (VERIFY T-BAR TYPE<br>NARROW, RECESSED, ETC.) OR OTHER CEILING<br>SYSTEM  |  
  |   | INLET =/< 230 CFM  
   | VAV1-5 KITCHEN  
   | 1400 4<br>8000 2   | <b>39 14</b><br>807  | 20x18 0.  
  | 5 1.0 <1   
  | <15   | 60 101.08 19.9   | 03 1.50 2   
  | 593 0.26   
  | 150 122.03 0   | 0.59 PRICE SDVQ5   |  
   |
| HWP-4 1ST FLR MECH RM                        | AHU-2 HOT WATER INLINE CENTRI HOT   | 10 20  | 0.2 0.25   | 1750 208  | BELL & GOSS<br>3 60 NA MODEL 60 - 1.0  | ETT<br>X 1.0 1.25. 1.25 2. 3   
  | C WALL OR<br>CEILING   
   | SUPPLY         DOUBLE-DEFLECTION REGISTER WITH OPPOSED           REGISTER         BLADE DAMPER   | VARIES STEEL<br>EN4  
  | WHITE PRICE 520D  |  
   | VAV1-6 WEST<br>CORRIDOR   
   | <b>300</b>   | 32 8   | 12 X 8 0.   
  | 5 1.0 <1   
  | <15   | 60 109.30 7.1  | 9 0.70 2  
  | 540 0.13   
  | 150 128.36 (   | 0.20 PRICE SDVQ5   | 1,2,3,4 BUILDING SCHOOLS   
   |
|  | COIL FUGAL WTR  |  |  |   | X 5.25   |  
  |  
   | EXTRUDED ALUMINUM, LINEAR BAR GRILLES WITH<br>OBD, WITH 1" WIDE FLANGE FOR MOUNTING TO<br>SILL CONDITIONS; 0 DEGREE DEFLECTIONAS WHITH   | ALUN   
  |   |  
   | VAV1-7 EAST<br>CORRIDOR<br>VAV2-1 CLASS 221   
   | 1100 3<br>1300 4   | 04 12<br>39 14   | 16x15 0.<br>20x18 0.  
  | 5 1.0 <1<br>5 1.0 <1   
  | <15<br><15  | 60         114.14         18.1           60         116.59         27.4  | 19 1.90 2<br>16 3.0 2   
  | 660         0.38           551         0.27  
  | 150         129.84         1           150         130.72         4  | I.60         PRICE         SDVQ5           I.26         PRICE         SDVQ5  | 1,2,3,4<br>1,2,3,4<br>ACROSS CHICAGO   
   |
| CHWP-1 1ST FLR MECH RM                       | PRIMARY CHILLED INLINE CENTRI<br>WATER FUGAL CHW  | 170 50   | 3.1 5.0  | 1750 208  | 3 60 NA BELL & GOSS<br>MODEL 1531 2-   | ETT 2.0, 1.5 1, 2  
  | D WALL   
   | REGISTER ENAMELED, OR OTHER FINISH AS APPROVED BY<br>THE ARCHITECT; FRAMING AND GRILLE<br>CONNECTIONS AS PER ARCHITECTURAL DETAILS.  | VARIES APPRO<br>ARCI   
  | VED BY 25C  |  
   | VAV2-2         CLASS 223           VAV2-3         CLASS 225   
   | 1300 4<br>1300 4   | 39 14<br>39 14   | 20x18 0.<br>20x18 0.  
  | 5 1.0 <1<br>5 1.0 <1   
  | <15   | 60         116.59         27.4           60         116.59         27.4  | 16 3.0 2<br>16 3.0 2  
  | 551         0.27           551         0.27  
  | 150         130.72         4           150         130.72         4  | 1.26         PRICE         SDVQ5           1.26         PRICE         SDVQ5  | 1,2,3,4<br>1,2,3,4<br>1,2,3,4<br>CHICAGO<br>PUBLIC<br>SCHOOLS<br>CPS               
   |
|  |   |  |  |   | BELL& COS  |  
  |  
   | PENICAL PROOF BAR SPACING.<br>45 DEGREE FIXED BLADE REGISTER WITH 3/4" ON<br>CENTEER PLASED, OPPOSED PLADE DAMPER  | VADIES STEEL   
  |   |  
   | VAV2-4 CLASS 227<br>VAV2-5 CLASS 228  
   | 1300 4<br>1300 4   | 39 14<br>39 14   | 20x18 0.<br>20x18 0.  
  | 5 1.0 <1<br>5 1.0 <1   
  | <15   | 60         116.59         27.4           60         116.59         27.4  | 16 3.0 2<br>16 3.0 2  
  | 551 0.27<br>551 0.27   
  | 150 130.72 4   | 1.26 PRICE SDVQ5   | 1,2,3,4<br>1,2,3,4   
   |
| CHWP-2 1ST FLR MECH RM                       | WATER FUGAL CHW   | 170 50   | 3.1 5.0  | 1750 208  | 3 60 NA MODEL 1531 2-  | 2.0, 1.5 1, 2<br>/2 BB   
  |  
   | REGISTER         CENTER BLASED, OPPOSED BLADE DAMPER.           GRILLE (GR) IS WITHOUT DAMPER.         GRILLE (GR) IS WITHOUT DAMPER.           EXHAUST-         45 DEGREE FIXED BLADE REGISTER WITH 3/4" ON   | VARIES ENA   
  |   |  
   | VAV2-6 CLASS 226  
   | 1300   | 39 14<br>39 14   | 20x18 0.  
  | 5 1.0 <1   
  | <15   | 60         112.06         25.2           60         112.06         25.2  | 26 2.0 2  
  | 551         0.27           551         0.27  
  | 150 123.42 2<br>150 123.42 2   | 2.23 PRICE SDVQ5   | 1,2,3,4  
   |
|  |   |  | 14 INITA IN SY STEM P  | RESSURE   |  |  
  |  
   | REGISTER       GRILLE (GR) IS WITHOUT DAMPER.  |  
  | MEL PRICE 530D  | PROVIDE TWO  
   | VAV2-7         CLASS 224           VAV2-8         CLASS 222   
   | 1300   | 39 14<br>39 14   | 20x18 0.  
  | 5 1.0 <1   
  | <15   | 60         112.06         25.2           60         112.06         25.2  | 26 2.0 2  
  | 551 0.27   
  | 150 123.42 2   | 2.23 PRICE SDVQ5   |  
   |
| 2 NOTE: FOR THE ENTIRE<br>RACEWAY AND EQUIPM | MECHANICAL ROOM, PROVIDE ISOLATION, RE  | SILIENT HANGERS FOR A  | L PIPING, DUCTWO   | RK,   |  |  
  | G WALL OR<br>CEILING   
   | <b>TRANSFER</b> 45 DEGREE FIXED BLADE REGISTER WITH 3/4" ON <b>GRILLE</b> CENTER BLASED, GRILLE (GR) IS WITHOUT         DAMPER.  | VARIES STEEL<br>EN4  
  | WHITE<br>MEL PRICE 530D   | EACH LOCATION WITH<br>MAX 5 FEET DUCT  
   | VAV2-9 CLASS 220  
   | 1300   | 39 14  | 20x18 0.  
  | 5 1.0 <1   
  | <15   | 60 112.06 25.2   | 26 2.0 2  
  | 551 0.27   
  | 150 123.42 2   | 2.23 PRICE SDVQ5   |  
   |
| 3 INTERLOCK PUMP WITH                        | AHU CONTROLS INCLUDING FREEZE PROTECTION  |  |  |   |  |  
  | NOTES:   
   |  |  
  |   | BETWEEN.   
   | VAV2-10 229<br>VAV2-11 SCIENCE SOUTH  
   | 900 3<br>1200 4  | 04 12<br>39 14   | 20x18 0.<br>20x18 0.  
  | 5 1.0 <1<br>5 1.0 <1   
  | <15   | 60         103.64         14.6           60         112.76         25.6  | 36         1.0         2           50         2.10         2  
  | 540 0.27<br>508 0.23   
  | 150 119.15 (<br>150 124.34 2   | D.57         PRICE         SDVQ5           2.41         PRICE         SDVQ5  |  
   |
| 4  |   |  |  |   |  |  
  | 1 ALL DIFFUSI  
   | ERS, REGISTERS AND GRILLES SHALL HAVE FINISHES APPROVED BY<br>DISE LEVELS OF NC-25 AT INLET/OUTLET.  | THE ARCHITECT, FRAMES TO M   
  | TCH FLOOR, WALL AND CEILING   | G FINISHES.  
   | VAV2-12 231   
   | 250  | 6 6  | 12 X 8 0.   
  | 5 1.0 <1   
  | <15   | 60 119.10 4.3  | 1 0.60 2  
  | 450 0.16   
  | 150 134.86 (   | 0.12 PRICE SDVQ5   |  
   |
|  | AUST FAN SCHEDULE   | AIR STATIC   |  | MOTOR VOLTS   |  |  
  | - 3 PROVIDE WI<br>APPROVED   
   | TH OPPOSED BLADE DAMPERS, UNLESS NOTED AS A GRILLE (GR) IS<br>BY THE ARCHITECT PRIOR TO PURCHASE OR INSTALLATION.  | WITHOUT A DAMPER. EXACT RE   
  | GISTER LOCATIONS, TYPES AND   | FINISHES SHALL BE  
   | VAV2-13 2ND FLR<br>CORRDR 230   
   | 1200 3   | 04 12  | 16x15 0.  
  | 5 1.0 <1   
  | <15   | 60 101.27 13.8   | 37 1.0 2  
  | 720 0.39   
  | 150 120.82 0   | 0.57 PRICE SDVQ5   |  
   |
| TAG  | LOCATION SERVICE  | (CFM) E (INCH)   | PE RPM DRIVE   | (AMPS)  | E ER MODEL WEIGHT (LBS)  | AMPER(IN)  
  | DIFFUSER M   
   | STER LOCATIONS, TYPES AND FINISHES SHALL BE APPROVED BY TH<br>ANUFACTURER SHALL PROVIDE FULL ADPI ANALY SIS FOR EACH DIF   | E ARCHITECT PRIOR TO PURCHA  
  | SE OR INSTALLATION.   |  
   |   
   | 16650 5  | 500  |   
  |  
  |   | 322.   | 16 38.8   
  |  
  |  |  |  
   |
| TE-1   | ROOF FIRST FLOOR EAST TOILET ROOMS  | 666 0.500 RC   | OF 1000 BELT   | 0.5 120   | GREENHECK GB-121-4 60 1  | 1,2,3,4<br>25 DIAM X 25 HIGH,<br>12 X 12 DUCT<br>24 IN DIAM X 25 IN  
  | ACCORDING  
   | R THIS BUILDING AND ROOM CONDITIONS, INCLUDING THROW DISTAN<br>TO THE LATEST APPLICABLE, USGBC LEED CERTIFICATION REQUIRE!   | LES, NC OCTAVE BAND LEVEL,<br>IENT. ADPI REPORT MUST BE AF   
  | PRESSURE DROPS, AND WITH CL<br>PROVED PRIOR TO PRODUCT DA   | TA SUBMITTALS.   
   | NOTES:<br>1 PROVIDE WITH AN   
   | N INTEGRAL, CPS AF   | PROVED, DOUBLE WA  | L SILENCER SECT   
  | ION, WITH FIBER-FREE LIN   
  | <br>FR.   |  |   
  |  
  |  |  |  
   |
| TE-3   | ROOF     FIRST FLOOR WEST TOILET ROOMS       ROOF     SECOND FLOOR TOILET ROOM  | 330 0.500 RC<br>1,420 0.500 RC   | OF 850 BELT  | 0.25 120  | GREENHECK         GB-91-4         60         1           GREENHECK         GB-141-5         60         1       | 1,2,3,4<br>HIGH, 12 X 12 DUCT<br>1,2,3,4<br>1,2,3,4<br>16 X 16 DUCT  
  | GE   
   | PRESSURE FILL S  | YSTEM SCHEDUL  
  | E<br>ATA  | UNIT DATA  
   | 2 THE VARIABLE AIR<br>SHALL BE SIZED A  
   | R VOLUME BOXES S<br>AS SPECIFIED, AND F  | HALL BE DDC, PRESSU  | RE INDEPENDENT, S<br>JRATION AS REQU  
  | SINGLE DUCT UNITS, WITH<br>IRED BY FIELD CONDITION   
  | MULTI-POINT SENS<br>S.  | ORS, I INCH THICK INSU   | LATION. VAV BOXES   
  | -  
  |  |  |  
   |
| EF-1   | ROOF MDF ROOM   | 500 0.500 RC   | OF 1000 BELT   | 0.33 120  | GREENHECK GB-121-4 60 4  | 1,2,3,4<br>25 DIAM X 25 HIGH,<br>12 X 12 DUCT<br>25 DIAM X 25 HIGH   
  | UNIT<br>TAG LOCA   
   | TION SYSTEM<br>SERVED FLUID SYSTEM FILL MIN TANK<br>PRV SETPOINT VOLUME P<br>(PSLWG) (GALS)  | DISCHARGE<br>RESSURE (PSI-<br>WG)  
  | HP VOLTS PHASE  | MANFR & REMARKS  
   | VAV TERMINAL UN<br>3 AUTOMATION SYS   
   | NITS SHALL BE FUR<br>STEM (BAS) SUPPLIE  | NISHED TO ACCEPT VA<br>R AND SHALL BE FAC  | LVE, ACTUATOR, F  
  | ROOM AND DISCHARGE T<br>AS SPECIFIED IN THE TEMP   
  | EMPERATURE SENS<br>ERATURE CONTRO   | ORS AND CONTROLLER<br>L SPECIFCATIONS. FAC   | R SUPPLIED BY BUILDING<br>TORY MOUNTED  
  |  
  |  |  |  
   |
| EF-2<br>KE-1                                 | ROOF     ELECTRICAL ROOM       ROOF     KITCHEN HOOD (TY PE II)   | 900 0.500 RC<br>1,200 1.000 RC   | OF 1150 BELT   | 0.33 120<br>0.33 120  | GREENHECK         GB-121-4         60         5           GREENHECK         CUBE121-3         100         1, 2 | 1,2,3,4         20 Si kin / Lo nich,<br>12 X 12 DUCT           3         1,2,3,4         25 IN DIAM X 28 IN<br>HICH 12 X 12 DUCT   
  | PFS-1 1ST FLR M  
   | AECH RM HW HEATING 30% PROP<br>GLYCOL 50 30  | 20 10  
  | 0.5 120 1   | BORNQUIST<br>MODEL BPF-<br>3H3055M   
   | 4 ALL VAV BOX CA  
   | THER CONTROLS SH<br>SINGS ARE APPRO  | ALL NOT INTERFER WIT<br>IMATELY 68 INCH LON  | H THIS CONTROLL   
  | ER.<br>SILENCER.   
  |   |  |   
  | _  
  |  |  |  
   |
| KE-2   | ROOF GENERAL KITCHEN EXHAUST  | 2,150 0.500 RC   | OF 1100 BELT   | 0.75 120  | GREENHECK CUBE 161-7 100 1,  | 29 IN DIAM X 30 IN<br>HIGH, 16 X 16 DUCT   
  | PFS-2 1ST FLR M  
   | AECH RM CHW 30% PROP<br>COOLING GLYCOL 50 30   | 20 10  
  | 0.5 120 1   | BORNQUIST<br>MODEL BPF-<br>3H3055M   
   | -   
   |  |  | Λ   
  |  
  |   |  |   
  |  
  |  |  |  
   |
| TE-4   | EXIST<br>ROOF EXIST TOILET & JANITOR CLST   | 250 0.500 RC   | OF 1000 BELT   | 0.167 120   | GREENHECK GB-91-6 60 1   | 1,2,3,4<br>1,2,3,4<br>1,2,3,4  
  | NOTES:   
   |  |  
  |   |  
   | -   
   | UNIT   | HEATING  | PHASE   
  |  
  |   | ENTER WA   |   
  |  
  | CABINET<br>WANFR & SIZE  |  |  
   |
| FAN SEF                                      | VICE NOTES  |  |  |   |  |  
  | $ \begin{array}{c c} 1 \\ 2 \\ 3 \\ \end{array} $  
   |  |  
  |   |  
   |   
   | HEATER LOC/<br>TAG   | TION AT EWT (MBH)  | OLTS S  
  | MCA RPM  
  | IP ROWS   | TEMP (FT) RA<br>(DEG F) (G   | TE ESP (INCH) TEM   
  | F) (CFM) MC  
  | ODEL NO. (INCHES) (D<br>X W X H) )   | MOUNTING CONTROLS REV  |  
   |
| 1  |   |  |  |   |  |  
  | 4  
   |  |  
  |   |  
   | -   
   | CUH-1 1ST I<br>COR   | LRW 29<br>RIDOR  | 120 1   
  | 1.4 1050   
  | .1 2  | 150 0.56 2   | .4 0.0  
  | 120 420 R  
  | VULCAN<br>RW-1120-<br>04<br>10 X 47 X<br>25  | RECESSED NOTE 1 CA   | ITICAL<br>BINET<br>ATER  
   |
| FAN COM                                      | VITROL NOTESSEE BAS SPECIFICATIONS AND D<br>ON/OFF CONTROL VIA BUILDING AUTOMATION S  | ETAILS.<br>Y STEM, ON DURING OCCU  | PIED PERIODS.  |   | _  |  
  | GE   
   | NERAL TANK DATA  | NK SCHEDULE<br>PRESSURE  
  | DATA  | UNIT DATA  
   | -   
   | CUH-2 1ST I<br>ST  | LRW 29<br>AIR  | 120 1   
  | 1.4 1050   
  | .1 2  | 150 0.56 2   | .4 0.0  
  | 120 420 R <sup>1</sup>   
  | VULCAN 10 X 47 X<br>RW-1120- 25<br>04  | RECESSED NOTE 1 CA   | ATER   
   |
| 2<br>3<br>4                                  | SEFARATE, LOCAL SWITCH IN SERVED ROOM, V<br>INTERLOCK WITH HVAC UNIT.<br>PROVIDE TEMPERATURE SENSOR, WITH ADJUST  | ABLE SETPOINT (90F).   | <u>1</u> .   |   | -  |  
  | UNIT<br>TAG LOCA   
   | TION SYSTEM SIZE (INCH- TANK VOLUME FILL<br>SERVED DIAM) (GALS) PRESSURE (DSLWC)   | WORKING TEST<br>RESSURE (PSI-<br>WG) (PSI-WG)  
  | VALVE WORKG<br>SETTING PRESSUR TYPE   | MANFR & REMARKS  
   |   
   | CUH-3 1ST FLR  | E STAIR 29   | 120 1   
  | 1.4 1050   
  | .1 2  | 150 0.56 2   | .4 0.0  
  | 120 420 R <sup>1</sup>   
  | VULCAN 10 X 47 X<br>RW-1120- 25<br>04  | RECESSED NOTE 1 CA   | HUSTON<br>BINET<br>ATER  
   |
| 5<br>GENERA                                  | PROVIDE TEMPERATURE SENSOR, WITH ADJUST<br>L FAN NOTES  | ABLE SETPOINT (85F).   |  |   | -  |  
  |  
   | HW HEATING   |  
  | WG)   |  
   | -   
   | CUH-4 1ST F<br>VEST  | LR SE 29<br>BULE 29  | 120 1   
  | 1.4 1050   
  | .1 2  | 150 0.56 2   | .4 0.0  
  | 120 420 R  
  | VULCAN<br>RW-1120-<br>04<br>10 X 47 X<br>25  | RECESSED NOTE 1 CA   |  
   |
| 1  | ALL FANS ARE FURNISHED AND INSTALLED BY<br>POWER WIRING IS BY EC AND CONTROL WIRING   | MC. ALL STARTERS ARE FI<br>IS BY MC.   | JRNISHED BY MC AN  | ID INSTALLED BY EC  |  |  
  | ET-1 MECHANIC  
   |  |  
  |   |  
   |   
   | IST FL   | R PUMP   | 120 1   
  |  
  | 08 NA   | 150 0.56 2   | 7 00  
  | 1  
  |  | HORIZ  |  
   |
|  |   |  |  |   | _  |  
  |  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK CHW   | 10 125   
  | 50 90 HOI<br>WATER G  | GOSSETT DV   
   | -   
   | UH-1 F   | M IO<br>R MECH 15  | 120 1   
  | 1.1 NA (   
  | 08 NA   | 150 0.56 2   | .7 0.0  
  | 120 550 V  
  | VULCAN<br>HV-36<br>VULCAN<br>9 X 15 X 18   | EXPOSED NOTE 1 UNIT I  | CONTAL<br>HEATER<br>CONTAL / OR UNDER MY SUPERVISION AND TO THE BEST               
   |
| 2  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COM   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P  | D <b>AND AS VERIFIED</b><br>. CONTRACTOR DIRE<br>ER THE EXISTING FIE   | <b>IN THE FIELD</b> .<br>CT THE ELECTRICAL<br>LD CONDITIONS.  |  |  
  | ET-2 MECHANIC,   
   | AL ROOM EXPANISON 16 33.6 12<br>TANK CHW<br>AL ROOM COOLING<br>EXPANSION 16 33.6 12<br>16 33.6 12<br>12 | 10     125       10     125   
   | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G   | BELL &<br>GOSSETT DV         1, 2, 3           BELL &<br>GOSSETT DV         1, 2, 3   
  | -   | UH-1 F<br>UH-2 1ST FL<br>NOTES:<br>1 REFER T   
   | M 15<br>R MECH 15<br>M 15  | 120 1<br>120 1<br>ROL SPECIFICATIO   
   | 1.1         NA         C           1.1         NA         C           NS AND SHEET M6.6 FOR         C   | 08 NA   
   | 150 0.56 2<br>150 0.56 2<br>MENTS.   | .7 0.0   
   | 120 550 <sup>V</sup><br>120 550 <sup>V</sup>  
   | VULCAN<br>HV-36<br>9 X 15 X 18<br>VULCAN<br>HV-36<br>9 X 15 X 18   | EXPOSED NOTE 1 UNIT I<br>EXPOSED NOTE 1 HORIZ<br>UNIT I  | CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.  
  |
| 2<br>3                                       | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D <b>AND AS VERIFIED</b><br>. CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PITC<br>NG SY STEM; ALL FL  | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND   |  |  
  | ET-2 MECHANIC  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK 16 33.6 12<br>CHW<br>COOLING<br>EXPANSION<br>TANK 16 33.6 12<br>12<br>12<br>AL ROOM CHW & HW<br>POT FEEDER NA 5 12  | 10     125       10     125       10     125       10     125  
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW & N<br>HW  | BELL &     1, 2, 3   
   | -   
   | UH-1 F<br>UH-2 IST FL<br>NOTES:<br>1 REFER T<br>2<br>3   | M 15<br>R MECH 15<br>M 15  | 120 1<br>120 1<br>ROL SPECIFICATIO  
  | I.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR  
  | 08 NA   | 150 0.56 2<br>150 0.56 2<br>MENTS.   | .7 0.0  
  | 120 550 <sup>V</sup><br>120 550 <sup>V</sup>   
  | VULCAN<br>HV-36<br>9 X 15 X 18<br>VULCAN<br>HV-36<br>9 X 15 X 18   | EXPOSED NOTE 1 UNIT I<br>EXPOSED NOTE 1 HORIZ<br>UNIT I  | CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>THESE DRAWINGS HAVE BEEN PREPARED AT AND<br>/ OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM
AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.<br>ILLINOIS<br>ROBERT B. HUSTON  |
| 2<br>3                                       | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COM<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAI<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D <b>AND AS VERIFIED</b><br>. CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PITC<br>NG SY STEM; ALL FL<br>:A TED. CURB EXTEN  | IN THE FIELD.<br>CCT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH   |  |  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE   
   | AL ROOM EXPANISON 16 33.6 12<br>TANK 16 33.6 12<br>AL ROOM COOLING 200LING   | 10     125       10     125       10     125       10     125  
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N  | BELL & 1, 2, 3<br>BELL & 1, 2, 3<br>BELL & 1, 2, 3<br>BELL & 1, 2, 3<br>IEPTUNE VTF-<br>5  
   |   | UH-1 F<br>UH-2 1ST FL<br>F<br>NOTES:<br>1 REFER T<br>2<br>3<br>4  
  | M 15<br>R MECH 15<br>M 15  | 120 1<br>120 1<br>ROL SPECIFICATIO  
  | I.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR   | 08 NA                    
  | 150         0.30         2           150         0.56         2           MENTS.   |   
  | 120 550 V<br>120 550 V   
  | VULCAN<br>HV-36<br>9 X 15 X 18<br>VULCAN<br>HV-36<br>9 X 15 X 18   | EXPOSED NOTE 1 UNIT I<br>EXPOSED NOTE 1 HORIZ<br>UNIT I  |
CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CO |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC   | D <b>and as verified</b><br>. Contractor dire<br>er the existing fie<br>d roof curb (PTC<br>Ng system; all fi<br>:Ated, curb exten   | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH   |  |  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4  
   | AL ROOM       EXPANISON       16       33.6       12         AL ROOM       CHW       CHW       33.6       12         AL ROOM       CHW       16       33.6       12         AL ROOM       COOLING       16       33.6       12         AL ROOM       CHW & HW       16       33.6       12         AL ROOM       CHW & HW       NA       5       12         AL ROOM       CHW & HW       NA       5       12         E BLADDER TY PE.       MPED AND TESTED.       TTH BLUE LINE SIGHT GAUGE       TTH BLUE LINE SIGHT GAUGE   | 10     125       10     125       10     125       10     125  
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N  | BELL & 1, 2, 3<br>BELL & 1, 2, 3<br>BELL & 1, 2, 3<br>IPPTUNE VTF-<br>5  
   |   
   | UH-1 F<br>UH-2 1ST FL<br>F<br>NOTES:<br>1 REFER T<br>2<br>3<br>4   | M 15<br>RMECH 15<br>D TEMPERATURE CONT   | I20 1<br>120 1<br>ROL SPECIFICATIO<br>GENERA  
  | 1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR  
  | ACITY   | ISO 0.56 2<br>ISO 0.56 2<br>MENTS.<br>ELECTRICAL DATA  | JNIT HEATER<br>FAN DAT  
  | 120 550 V<br>120 550 V<br>R SCHEDULE   
  | VULCAN<br>HV-36<br>9 X 15 X 18<br>VULCAN<br>HV-36<br>9 X 15 X 18<br>E  | EXPOSED NOTE 1 UNIT I<br>EXPOSED NOTE 1 HORIZ<br>UNIT I  | CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>CONTAL<br>HEATER<br>THESE DRAWINGS HAVE
BEEN PREPARED AT AND<br>/ OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.<br>ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013   |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D <b>AND AS VERIFIED</b><br>. CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PITC<br>NG SY STEM; ALL FU  | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH   |  |  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK CHW<br>COOLING 16 33.6 12<br>AL ROOM COOLING 16 33.6 12<br>AL ROOM CHW & HW<br>POT FEEDER NA 5 12<br>E BLADDER TYPE.<br>MPED AND TESTED.<br>TTH BLUE LINE SIGHT GAUGE   | 10     125       10     125       10     125   
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N  | BELL & 1, 2, 3<br>BELL & 1, 2, 3<br>BELL & 1, 2, 3<br>IEPTUNE VTF-<br>5  
   |   
   | UH-1 F<br>UH-2 IST FL<br>NOTES:<br>1 REFER T<br>2<br>3<br>4  | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | I20 1<br>120 1<br>ROL SPECIFICATIO<br>GENER/<br>UNIT<br>HEATER LC<br>TAG  
  | 1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR       NL     CATION       POWER       INPUT (KW)   
  | ACITY<br>HEATING<br>CAPACITY<br>(MBH)   | 150     0.30     2       150     0.56     2       MENTS.   | JNIT HEATER<br>FAN DAT<br>S VOLUME<br>(CFM) NO.   
  | 120         550         V           120         550         V           120         550         V           R         SCHEDULE           A         MANFR & MODEL NO  
  | VULCAN<br>HV-36<br>9 X 15 X 18<br>VULCAN<br>HV-36<br>9 X 15 X 18<br>9 X 15 X 18<br>UNI<br>Solution<br>CABINET SIZE<br>(INCHES) (D X<br>W X H)  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ       UNIT I     HORIZ     UNIT I   | CONTAL         HEATER         CONTAL         HEATER         THESE DRAWINGS HAVE
BEEN PREPARED AT AND<br>/ OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013         MARKS  |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COM<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAI<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC   | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU  | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH  |  |  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK CHW<br>COOLING 16 33.6 12<br>AL ROOM COOLING 16 33.6 12<br>AL ROOM CHW & HW<br>POT FEEDER NA 5 12<br>E BLADDER TYPE.<br>MPED AND TESTED.<br>ITH BLUE LINE SIGHT GAUGE<br>CON  | 10 125<br>10 125<br>10 125<br>10 125<br>DENSING BOILER   
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N       SCHEDULE     ELEC  | DELL & 1, 2, 3 BELL & 1, 2, 3 BELL & 1, 2, 3 IEPTUNE VTF- 5 CTRICAL DATA   
   |   
   | UH-1 F<br>UH-2 IST FL<br>NOTES:<br>1 REFER T<br>2<br>3<br>4  | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | I20 1<br>120 1<br>ROL SPECIFICATIO<br>GENER/<br>UNIT<br>HEATER<br>TAG<br>EUH-1 1ST<br>ELE   
  | I.I     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR       AL     CATION       CATION     POWER       INPUT (KW)       FELOOR     7.5   
  | ACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6   | 150     0.30     2       150     0.56     2       MENTS.   | .7         0.0           .7         0.0           JNIT HEATER           FAN DAT           YS         AIR<br>VOLUME<br>(CFM)         NO.           8        
650         1  | 120 550 V<br>120 550 V<br>R SCHEDULI<br>А МАNFR &<br>MODEL NO<br>1/30 ВЕРКО<br>НИНАА720   
   | VULCAN<br>HV-36         9 X 15 X 18           VULCAN<br>HV-36         9 X 15 X 18           VULCAN<br>HV-36         9 X 15 X 18           CABINET SIZE<br>(INCHES) (D X<br>W X H)         UNI           MX         0           8 X 19 X 22         CELLIN<br>N   | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       T DATA     Integral     Integral       DUNTING     CONTROLS     RE       IG OR WALL     2-STAGE       DUNTING     INTEGRAL  | CONTAL         HEATER         CONTAL         HEATER         THESE DRAWINGS HAVE
BEEN PREPARED AT AND<br>OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013         MARKS         1,2,3  |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAI<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FL<br>ATED, CURB EXTEN<br>GENERAL   | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>MAX   |  |  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG LOCA  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK COULING 16 33.6 12<br>AL ROOM COULING 16 33.6 12<br>EXPANSION 16 33.6 12<br>AL ROOM CHW & HW NA 5 12<br>AL ROOM CHW & HW POT FEEDER NA 5 12<br>EBLADDER TYPE.<br>MPED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>TH BLUE LINE SIGHT GAUGE<br>CON<br>ATION NATL GAS INPUT OUTPU ENTER WTR LEAVG WTR TEMP (DEG F)<br>(IN WC) NBH OUTPU FIMP (DEG F)<br>(DEG F)  | 10     125       10     125       10     125       10     125  
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N       SCHEDULE       SSURE     RELIEF<br>VALVE<br>SSURE     VOLTS  | DELL &<br>SOSSETT DV     1, 2, 3       BELL &<br>SOSSETT DV     1, 2, 3       IEPTUNE VTF-<br>5     1       SOSSETT DV     1       IEPTUNE VTF-<br>5     1       IEP   
   | PERATG<br>(EIGHT<br>(LBS) MANFRS & MODEL NO.  
   | UH-1 F<br>UH-2 IST FL<br>7<br>NOTES:<br>1 REFER T<br>2<br>3<br>4<br>4  | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | I20 1<br>120 1<br>ROL SPECIFICATIO<br>GENERA<br>UNIT<br>HEATER<br>TAG<br>EUH-1 1ST<br>ELEC<br>1ST   
  | I.I     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CAI       AL     CAI       CATION     POWER       INPUT (KW)     FLOOR       T FLOOR     7.5       T FLOOR     7.5  
  | ACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6   | 150     0.30     2       150     0.56     2       MENTS.   | JNIT HEATER           FAN DAT           xs         AIR<br>VOLUME<br>(CFM)         NO.           3         650         1   
  | 120         550         V           120         550         V           120         550         V           R         SCHEDULE           A         MANFR & MODEL NO           1/30         BERKO           1/30         BERKO  
  | VULCAN<br>HV-36         9 X 15 X 18           VULCAN<br>HV-36         9 X 15 X 18           VULCAN<br>HV-36         9 X 15 X 18           CABINET SIZE<br>(INCHES) (D X<br>W X H)         MK           0         8 X 19 X 22         CEILIN<br>MK           0         8 X 19 X 22         CEILIN<br>MK   | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       T DATA     CONTROLS     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INTEGRAL<br>INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL  | THESE DRAWINGS HAVE BEEN PREPARED AT AND<br>CONTAL<br>HEATER<br>THESE DRAWINGS HAVE BEEN PREPARED AT AND<br>/ OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.<br>ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013<br>TRIPAR TITE, INC<br>Architecture Restoration Design<br>4720 N. Virginia Ave.<br>Chicago, Illinois 60625<br>P: 773-681-0894<br>www.tripartiteinc.com  
   |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAI<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC   | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL   | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>RATE<br>(GPM  | ARATOR SCHEDULE  | RER MODEL NO. REMARKS  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG LOCA<br>B-1 1ST FLR B   
   | AL ROOM         EXPANISON<br>TANK         16         33.6         12           AL ROOM         CHW<br>COOLING<br>EXPANSION<br>TANK         16         33.6         12           AL ROOM         CHW & HW<br>POT FEEDER         NA         5         12           AL ROOM         CHW & HW<br>POT FEEDER         NA         5         12           EBLADDER TYPE.         MPED AND TESTED.         INPED AND TESTED.         INPED AND TESTED.           TITH BLUE LINE SIGHT GAUGE         CAPACITY         CON           ATION         NATL GAS<br>INPUT<br>PRESSURE<br>(IN WC)         INPUT<br>MBH         OUTPU<br>T MBH         ENTER WTR<br>TEMP (DEG<br>F)         LEAVG<br>WTR TEMP<br>(DEG F)           BOILER RM         14 IN WC,<br>7 IN WC         1000         960         120         150         3   | 10     125       10     125       10     125       10     125         10     125         10     125         10     125         10     125         10     125         10     125         10     125         10     125         10     125         10     125  
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N       NA     NA     CHW &<br>HW     N       SCHEDULE     ELLEF<br>VALVE<br>SSURE     VOLTS       60     160     208  | DELL A     1, 2, 3       BELL &     1, 2, 3       BELL &     1, 2, 3       IEPTUNE VTF-     5       SOSSETT DV     1       IEPTUNE VTF-     5       IEPTUNE VTF-<  
   | PERATG<br>/EIGHT<br>(LBS) MANFRS & MODEL NO.<br>2600 CLEAVER - BROOKS<br>MODEL CFC 1000   
   | UH-1<br>UH-2<br>1ST FL<br>F<br>NOTES:<br>1<br>REFER T<br>2<br>3<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11   | M 10<br>RMECH 15<br>D TEMPERATURE CONT   | I20 1<br>I20 1<br>ROL SPECIFICATIO<br>GENER/<br>UNIT<br>HEATER<br>TAG<br>EUH-1 1ST<br>ELEC<br>EUH-2 1ST<br>MI   
  | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR       NS AND SHEET M6.6 FOR       NL     CAI       CATION     POWER<br>INPUT (KW)       FLOOR<br>CTRIC RM     7.5       FLOOR<br>ECH RM     7.5   
  | ACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6   | ISO         0.30         2           150         0.56         2           IMENTS.  | JNIT HEATER           FAN DAT           S         AIR<br>VOLUME<br>(CFM)         NO.           8         650         1  
  | 120         550         V           120         550         V           120         550         V           120         550         V           R         SCHEDULE           A         MANFR & MODEL NO           1/30         BERKO HUHAA720           1/30         BERKO HUHAA720  
  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         CABINET SIZE<br>(INCHES) (D X<br>W X H)       UNI         CABINET SIZE<br>(INCHES) (D X<br>W X H)       MK         0       8 X 19 X 22       CEILIN<br>MK         0       8 X 19 X 22       CEILIN<br>MK         0       8 X 19 X 22       CEILIN<br>MK  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       T DATA     CONTROLS     RE       JUNTING     CONTROLS     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>THERMOSTAT  | Image: Contral Heater       THESE DRAWINGS HAVE BEEN PREPARED AT AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       ILLINOIS Chitecture Restoration Design of the chicago, Illinois 60625         MARKS       1,2,3         1,2,3       Interview Engineering Corporation 33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 60604 STRUCTURAL ENGINEERING   
   |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC   | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FL<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION   | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>RATE<br>(GPM<br>V HEATING<br>140  | ARATOR SCHEDULE  | RER MODEL NO. REMARKS  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR E<br>B-2 1ST FLR E   
   | AL ROOM         EXPANISON         16         33.6         12           TANK         CHW         COOLING         16         33.6         12           AL ROOM         COOLING         16         33.6         12           AL ROOM         COOLING         16         33.6         12           AL ROOM         CHW & HW         NA         5         12           AL ROOM         CHW & HW         NA         5         12           E BLADDER TY PE.         MPED AND TESTED.         TESTED.         TTH BLUE LINE SIGHT GAUGE           CON           ATION         NATL GAS<br>INPUT         INPUT<br>MBH         OUTPU<br>T MBH         ENTER WTR<br>TEMP (DEG<br>F)         LEAVG<br>WTR TEMP<br>(DEG F)           30ILER RM         14 IN WC,<br>7 IN WC         1000         960         120         150         3   | 10     125       10     125       10     125       10     125       10     125         DENSING BOILER       FLUID     MAX<br>OPERATG<br>TEMP (DEG F)     MAX<br>PRE<br>(       0% PROP<br>SLYCOL     180     -   
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N       NA     NA     CHW &<br>HW     N       SCHEDULE     ELEC       NORKG<br>SSURE     RELIEF<br>VALVE<br>SETING<br>(PSI)     VOLTS       60     160     208       60     160     208  | DELL &<br>SOSSETT DV     1, 2, 3       BELL &<br>SOSSETT DV     1, 2, 3       IEPTUNE VTF-<br>5     1       2     1       PHASE     FULL LOAD<br>AMPS       3     7.4       3     7.4  
   | PERATG         /EERATG         //EGHT         ///EGHT         ///EGHT         ///EGHT         ///EGHT         ///EGHT         ///EGHT         ////EGHT         /////EGHT  
   | UH-1<br>UH-2<br>IST FL<br>IST FL<br>REFER T<br>2<br>3<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11  | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120     1       120     1       ROL SPECIFICATIO       GENERA       UNIT       HEATER       LC       TAG       EUH-1       1ST       EUH-2       1ST       MI       EUH-3   
  | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CA       NS AND SHEET M6.6 FOR     CA       NL     CA       CATION     POWER<br>INPUT (KW)       T FLOOR<br>CTRIC RM     7.5       T FLOOR<br>ECH RM     7.5       T FLOOR<br>ECH RM     7.5  
  | ACITY<br>HEA TING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6  | ISO     0.30     2       150     0.56     2       MENTS.     Image: Comparison of the second | JNIT HEATER           FAN DAT           S         VOLUME<br>(CFM)         NO.           3         650         1           3         650         1           3         650         1   
  | 120         550         V           120         550         V           120         550         V           120         550         V           R         SCHEDULI           A         MANFR & MODEL NO           1/30         BERKO   
   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         CABINET SIZE<br>(INCHES) (D X<br>W X H)       UNI         0       8 X 19 X 22       CEILIN<br>MK<br>B  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     CONTROLS     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INTEGRAL<br>THERMOSTAT       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INTEGRAL<br>THERMOSTAT  | CONTAL         HEATER         CONTAL         HEATER         THESE DRAWINGS HAVE BEEN PREPARED AT AND<br>/ OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013         MARKS         1,2,3         1,2,3         ILLINO         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013         TRRIPARTIEN DATE: NOVEMBER 30, 2013         TRRIPARTIENCOMPERSON         MARKS         1,2,3         ILLINOIS<br>SITE DESIGN GROUP, LTD.<br>B88 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60604<br>STRUCTURAL ENGINEERING  
          |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAI<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:                              | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SYSTEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION  | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>RATE<br>(GPM<br>V HEATING<br>140<br>CHW<br>200   | ARATOR SCHEDULE  | RER MODEL NO. REMARKS<br>RER MODEL NO. REMARKS<br>RL-4 1,2,3<br>RL-4 1,2,3   
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAM<br>3 PROVIDE W<br>4<br>BOILER<br>TAG LOCA<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE HA  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK CHW<br>COOLING<br>EXPANSION<br>TANK 16 33.6 12<br>AL ROOM CHW & HW<br>POT FEEDER NA 5 12<br>EBLADDER TYPE.<br>MPED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>EBLADDER TYPE.<br>MPED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>CON<br>ATION NATL GAS<br>NATL GAS   | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         5       125         10       125         10       125         10       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       126         6       126         7       126   
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N       NA     NA     CHW &<br>HW     N       SCHEDULE     ELEC       VORKG<br>SSURE     RELIEF<br>VALVE<br>SETTING<br>(PSI)     VOLTS       60     160     208       60     160     208       9     ALTERNAC<br>615 MODE       10     PROVIDE G   | DELL &       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       5         5       5         CTRICAL DATA       04         PHASE       FULL LOAD         AMPS       7.4         3       7.4         3       7.4         CONDENSATE DRAINAGE SAMUFACTURERS & MEL 240, AERCO KC-1000 G         CONDENSATE DRAINAGE SAMUFACTURERS  
   | FERATG       MANFRS & MODEL NO.         ZERATG       MANFRS & MODEL NO.         ZEGO0       CLEAVER - BROOKS         ZEG00       CLEAVER - BROOKS         MODEL CFC 1000       DOELS AS APPROVED BY CPS: BUNDEL CFC 1000         SY STEM WITH NEUTRALIZER SUPF       JUMBING FLOOR DRAIN.   | UH-1<br>UH-2<br>IST FL<br>IST FL<br>REFER T<br>2<br>3<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>UDERUS SB<br>PLIED BY   
  | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120     1       120     1       120     1       ROL SPECIFICATIO       GENER/       UNIT       HEATER       LC       TAG       EUH-1       1ST       EUH-2       1ST       MI       EUH-3       1ST       PU       NOTES:       1       ELECT   
  | I.I     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     C       NS AND SHEET M6.6 FOR     CAI       CATION     POWER       INPUT (KW)     FLOOR       FLOOR     7.5       FLOOR     7.5       FLOOR     7.5       FLOOR     7.5       FLOOR     7.5       FLOOR     7.5  | ACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6  
  | ISO     0.30     2       150     0.56     2       MENTS.   | .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     0.0       .7     .0.0  
  | 120     550     V       120     550     V       120     550     V       R     SCHEDULE       A     MANFR &<br>MODEL NO       1/30     BERKO<br>HUHAA72C       1/30     BERKO<br>HUHAA72C       1/30     BERKO<br>HUHAA72C       1/30     BERKO<br>HUHAA72C   
  | VULCAN<br>HV-36 $9 \times 15 \times 18$ VULCAN<br>HV-36 $9 \times 15 \times 18$ 9 X 15 X 18 $9 \times 15 \times 18$ VULCAN<br>HV-36 $9 \times 15 \times 18$ Solution $9 \times 15 \times 18$ CABINET SIZE<br>(INCHES) (D X<br>W X H)       MC         0 $8 \times 19 \times 22$ CEILIN<br>MC  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     INTEGRAL     INTEGRAL       TOATA     2-STAGE     INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     11     11       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     INTEGRAL     THERMOSTAT       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     INTEGRAL     THERMOSTAT       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     INTEGRAL     THERMOSTAT  | Image: Contral Heater       THESE DRAWINGS HAVE BEEN PREPARED AT AND / OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045 EXPIRATION DATE: NOVEMBER 30, 2013         MARKS       ILLINOIS ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045 EXPIRATION DATE: NOVEMBER 30, 2013         MARKS       INCREMENTION DATE: NOVEMBER 30, 2013         II,2,3       INCREMENTION DATE: NOVEMBER 30, 2013         1,2,3       INCRESTING         1,2,3   |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAI<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2                | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H                               | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SYSTEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>200   | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         RL - 4       1, 2, 3         RL - 4       1, 2, 3  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE FA<br>3 PROVIDE FA   
   | AL ROOM EXPANISON 16 33.6 12<br>TANK 16 33.6 12<br>CHW<br>COOLING 16 33.6 12<br>CHW COOLING 16 33.6 12<br>CHW & HW<br>POT FEEDER NA 5 12<br>EBLADDER TYPE.<br>THE DAND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>TH BLUE LINE SIGHT GAUGE<br>CON<br>ATION NATL GAS<br>INPUT MBH 0UTPU ENTER WTR LEAVG<br>WTR TEMP<br>(IN WC)<br>BOILER RM 14 IN WC, 1000 960 120 150 3<br>SOILER RM 14 IN WC, 1000 960 120 150 3<br>SOILER RM 14 IN WC, 1000 960 120 150 3<br>CON<br>ARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOILER S<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>UE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOILER LOW POINTS IN THE FLUE SYSTEM  | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         5       125         10       125         10       125         10       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       125         5       126         5       180         6       180         6       180         7       180         6       180         7       180         7       180         7       180         7       180         8       180         9       180         9       180   
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N       NA     NA     CHW &<br>HW     N       SCHEDULE     ELEC       VORKG<br>SSURE     RELIEF<br>VALVE<br>SSURE     VOLTS       60     160     208       60     160     208       9     ALTERNA<br>615 MODE       10     PROVIDE 0   | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       5         5       5         CTRICAL DATA       1         PHASE       FULL LOAD AMPS         3       7.4         3       7.4         3       7.4         CONDENSATE DRAINAGE SANUFACTURER. PIPE TO PRINCIPAL TO   
   | PERATG<br>(EIGHT<br>(EIGHT<br>(LBS)<br>2600 CLEAVER - BROOKS<br>MODEL CFC 1000<br>2600 CLEAVER - BROOKS<br>MODEL CFC 1000<br>2000 CLEAVER - BROOKS<br>MODEL CFC 1000  
                           | UH-1<br>IST FL<br>1ST FL<br>REFER T<br>2<br>3<br>4<br>1<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>UDERUS SB<br>PLIED BY   | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120     1       120     1       120     1       ROL SPECIFICATIO       GENERA       UNIT       HEATER       LC       TAG       EUH-1       1ST       EUH-2       1ST       EUH-3       1ST       PU       NOTES:       1       2       1HE M       3       THE M       4  
  | I.I     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CAI       NS AND SHEET M6.6 FOR     CAI       AL     CAI       CATION     POWER       INPUT (KW)     FLOOR       CTRIC RM     7.5       I FLOOR     7.5   
                                | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .0.0         .7       .0.0         .8       .650         .8       .650         .1       .1         .3       .650         .1       .1         .3       .650         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1       .1         .1  
  | 120     550     V       120     550     V       120     550     V       R     SCHEDULI       A     MANFR & MODEL NO       1/30     BERKO   
   | VULCAN<br>HV-36 $9 \times 15 \times 18$ VULCAN<br>HV-36 $9 \times 15 \times 18$ 9 X 15 X 18       9 X 15 X 18         VULCAN<br>HV-36 $9 \times 15 \times 18$ So       CABINET SIZE<br>(INCHES) (D X<br>W X H)       MK         0 $8 \times 19 \times 22$ CEILIN<br>MK  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     CONTROLS     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INTEGRAL<br>THERMOSTAT       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INTEGRAL<br>THERMOSTAT  | Image: Contail Heater       These Drawings have been prepared at and / OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045         EXPIRATION DATE: NOVEMBER 30, 2013         TR IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         IT R IP A R TITE, NOVEMBER 30, 2013         It R IP A R TITE, SUBJECT AND AND COMPALITY AND  
   |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PROV<br>2 1<br>3 1<br>4 | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM                                   | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SYSTEM<br>SERVED<br>RATE<br>(GPM<br>V HEATING<br>140<br>CHW<br>200  | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         RL - 4       1, 2, 3         RL - 4       1, 2, 3  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE H/<br>2 PROVIDE H/<br>2 PROVIDE FL<br>3 PROVIDE FL<br>CONDENSA<br>MUST BE A/<br>IS NOT POS<br>BREECHING<br>SY STEM MU  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK 16 33.6 12<br>CHW COOLING COULING 16 33.6 12<br>COULING EXPANSION 16 33.6 12<br>AL ROOM CHW & HW NA 5 12<br>AL ROOM CHW & HW NA 5 12<br>EBLADDER TYPE<br>WED AND TESTED.<br>ITH BLUE LINE SIGHT GAUGE<br>ENTER VITE SIGHT GAUGE<br>CONDENSATE GAUGE<br>CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM VOIDED. THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>UE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM VOIDED. THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A<br>SIGULE THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>STALLOW THE CONDENSATE TO RUN BACK TO THE BOILER. LOW FR  | 10       125         10       125         10       125         10       125         10       125         10       125         5       10         10       125         10       125         10       125         5       10         10       125         5       125         10       125         5       125         10       125         5       125         5       125         10       125         5       125         10       125         5       125         10       125         5       125         10       125         10       125         110       125         125       126         126       180         127       180         128       180         129       180         120       100         120       100         121       1100         122       1100 <t< td=""><td>50     90     HOI<br/>WATER     G       50     90     CHW<br/>WATER     G       50     90     CHW<br/>WATER     M       NA     NA     CHW &amp;<br/>HW     N       NA     NA     CHW &amp;<br/>HW     N       SCHEDULE     ELLEC<br/>VORKG<br/>SSURE     RELIEF<br/>VALVE<br/>SETTING<br/>(PSI)     VOLTS       60     160     208       60     160     208       9     ALTERNA<br/>615 MODE       10     PROVIDE 0       NHOSE     11     PROVIDE 0</td><td>DELL A       1, 2, 3         BELL &amp;       1, 2, 3         BELL &amp;       1, 2, 3         IEPTUNE VTF-       5         5       5         CTRICAL DATA       1         PHASE       FULL LOAD         PHASE       FULL LOAD         3       7.4         3       7.4         3       7.4         SONDENSA TE DRAINAGE SANUFACTURER. PIPE TO PRINCE         NEOPHRENE VIBRATION IS</td><td>YERA TG       MANFRS &amp; MODEL NO.         /EGHT       MANFRS &amp; MODEL NO.         (LBS)       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         DOELS AS APPROVED BY CPS: BUNDER SUPFLUMBING FLOOR DRAIN.         OLA TION PADS UNDER BOILERS.</td><td>UH-1<br/>IST FL<br/>1 ST FL<br/>F<br/>NOTES:<br/>1 REFER T<br/>2<br/>3<br/>4<br/>4<br/>REMARKS<br/>1,2,3,4,5,6,<br/>7,8,9,10,11<br/>1,2,3,4,5,6,<br/>7,8,9,10,11<br/>UDERUS SB<br/>PLIED BY</td><td>M 15<br/>R MECH 15<br/>D TEMPERATURE CONT</td><td>120     1       120     1       ROL SPECIFICATIO       GENER/       UNIT       HEATER       LC       TAG       EUH-1       1ST       EUH-2       1ST       EUH-3       1ST       PL       NOTES:       1       2       1       2       1       4</td><td>I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     INPUT       AL     CAH       CATION     POWER       INPUT (KW)     INPUT (KW)       I FLOOR     7.5       I FLOOR     7.5</td><td>ACITY<br/>HEATING<br/>CAPACITY<br/>(MBH)<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6</td><td>150       0.30       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         JNIT HEATER         FAN DAT         S       AIR<br/>VOLUME<br/>(CFM)       NO.         3       650       1         3       650       1         3       650       1         3       650       1         5       650       1         0       650       1         0       650       1         0       650       1         0       650       1         0       650       1</td><td>120     550     V       120     550     V       120     550     V       A     MANFR &amp; MODEL NO       1/30     BERKO HUHAA720       1/30     BERKO HUHAA720       1/30     BERKO HUHAA720       1/30     BERKO HUHAA720</td><td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         CABINET SIZE<br/>(INCHES) (D X<br/>W X H)       MC         0       8 X 19 X 22       CEILIN<br/>MC         0       8 X 19 X 22       CEILIN<br/>MC</td><td>EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       TDATA     INOTE 1     HORIZ<br/>UNIT I       TDATA     INOTE 1     ROTE 1       TDATA     INOTE 1     INOTE 1       TDATA     INOTE 1     ROTE 1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     INOTE 1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     INOTE 1</td><td>Image: Contained and the set of the</td></t<>  
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     M       NA     NA     CHW &<br>HW     N       NA     NA     CHW &<br>HW     N       SCHEDULE     ELLEC<br>VORKG<br>SSURE     RELIEF<br>VALVE<br>SETTING<br>(PSI)     VOLTS       60     160     208       60     160     208       9     ALTERNA<br>615 MODE       10     PROVIDE 0       NHOSE     11     PROVIDE 0   | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       5         5       5         CTRICAL DATA       1         PHASE       FULL LOAD         PHASE       FULL LOAD         3       7.4         3       7.4         3       7.4         SONDENSA TE DRAINAGE SANUFACTURER. PIPE TO PRINCE         NEOPHRENE VIBRATION IS  
   | YERA TG       MANFRS & MODEL NO.         /EGHT       MANFRS & MODEL NO.         (LBS)       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         DOELS AS APPROVED BY CPS: BUNDER SUPFLUMBING FLOOR DRAIN.         OLA TION PADS UNDER BOILERS.   | UH-1<br>IST FL<br>1 ST FL<br>F<br>NOTES:<br>1 REFER T<br>2<br>3<br>4<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>UDERUS SB<br>PLIED BY   
  | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120     1       120     1       ROL SPECIFICATIO       GENER/       UNIT       HEATER       LC       TAG       EUH-1       1ST       EUH-2       1ST       EUH-3       1ST       PL       NOTES:       1       2       1       2       1       4  
  | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     INPUT       AL     CAH       CATION     POWER       INPUT (KW)     INPUT (KW)       I FLOOR     7.5  | ACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  
  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         JNIT HEATER         FAN DAT         S       AIR<br>VOLUME<br>(CFM)       NO.         3       650       1         3       650       1         3       650       1         3       650       1         5       650       1         0       650       1         0       650       1         0       650       1         0       650       1         0       650       1   
  | 120     550     V       120     550     V       120     550     V       A     MANFR & MODEL NO       1/30     BERKO HUHAA720       1/30     BERKO HUHAA720       1/30     BERKO HUHAA720       1/30     BERKO HUHAA720   
  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         CABINET SIZE<br>(INCHES) (D X<br>W X H)       MC         0       8 X 19 X 22       CEILIN<br>MC   | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     INOTE 1     HORIZ<br>UNIT I       TDATA     INOTE 1     ROTE 1       TDATA     INOTE 1     INOTE 1       TDATA     INOTE 1     ROTE 1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INOTE 1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     INOTE 1   | Image: Contained and the set of the  |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COT<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PROV<br>2<br>3<br>4     | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FL<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM                                   | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>RATE<br>(GPM<br>V HEATING<br>140<br>CHW<br>COOLING<br>200  | ARATOR SCHEDULE  | RER MODEL NO. REMARKS<br>RER MODEL NO. REMARKS<br>RL-4 1,2,3<br>RL-4 1,2,3   
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>A BOILER<br>LOCA<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE BA<br>NUST BE AN<br>IS NOT POS<br>4 BREECHING<br>SY STEM MA<br>CONDENSA<br>MUST BE AN<br>IS NOT POS<br>4 CONDENSA<br>MUST BE AN<br>IS NOT POS<br>CONDENSA<br>MUST BE AN<br>IS NOT POS<br>A CONDENSA<br>MUST BE AN<br>IS NOT POS<br>A CONDENSA<br>A CON | AL ROOM EXPANSON 16 33.6 12<br>TANK COULING COULING COULING DEPANSION 16 33.6 12<br>CHW COULING DEPANSION 16 33.6 12<br>CHW & HW NA 5 12<br>AL ROOM CHW & HW NA 5 12<br>ENDER TYPE.<br>WPED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>CONTECTIVE CONDENSITE OF THE OUTPU ST ELEAVG WITH TEMP (DEG WITH TEMP (DEG F)<br>CONTECTIVE CONTENT OF THE OUTPU ST ELEAVG WITH TEMP (DEG F)<br>SOLLER RM 14 IN WC, 1000 960 120 150 3<br>SOLLER RM 14 IN WC, 1000 960 120 150 3<br>ALTON HAT IN WC 1000 960 120 150 3<br>ALTON 14 IN WC, 1000 960 120 150 3<br>CONTENT OF THE OUTPU ST ELEAVG WITH THE FLORE ST ELEOVER THE OUTPU ST ELEOVER TO RUNCE ST ELEOVER TO RUN BACK TO THE BOLLER LOW POINTS IN THE FLUE SYSTEM<br>ALTON BACK TO THE BOLLER LOW POINTS IN THE FLUE SYSTEM<br>AS- REMOTE / LOCAL MANUAL CONTROL
SWITCH.<br>LUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOLLER LOW POINTS IN THE FLUE SYSTEM<br>ASS REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOLLER LOW POINTS IN THE FLUE SYSTEM<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>ST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER LOW ROUTS THE CONDENSATE NEUTRALIZER MUST BE INSTALLED IN SUCH AN<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>ST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER LOW ROW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>ST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER LOW ROW TAND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>ST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER LOW ROW THE CONDENSATE NEUTRALIZER MUST BE INSTALLED IN SHALLED IN SHOLER LOW FOR THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>ST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER LOW ROW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE SITE ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE SITE COULD COLLER THE ST ALLOW THE CONDENSATE   | 10     125       10     125       10     125       10     125       10     125         DENSING BOILER       FLUID     MAX<br>OPERATG<br>TEMP (DEG F)     MAX<br>PRE<br>(       0% PROP<br>GLY COL     180     -       0% DOW DATE     180   
   | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         G       G       G       CHW &<br>HW       N         G       G       G       CHW &<br>HW       G         G       G       G       G       G         G       G       G       G       G         G       G       G       G       G         G       G       G       G       G         G       G       G       <  | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       5         5       5         ETRICAL DATA       1         PHASE       FULL LOAD         AMPS       0         3       7.4         3       7.4         3       7.4         SCONDENSATE DRAINAGE SANUFACTURERS & MEL 240, AERCO KC-1000 G         CONDENSATE DRAINAGE SANUFACTURER. PIPE TO PIE         NEOPHRENE VIBRATION IS   
  | PERATG         //EGHT   | UH-1<br>IST FL<br>1 ST FL<br>F<br>NOTES:<br>1 REFER T<br>2<br>3<br>4<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>UDERUS SB<br>PLIED BY   | M 10<br>R MECH 15<br>D TEMPERATURE CONT   
  | 120     1       120     1       120     1       ROL SPECIFICATIO       GENER/       UNIT       HEATER       LC       TAG       1       EUH-1       1ST       EUH-2       1ST       EUH-3       1       EUH-3       1       EUH-3       1       EUH-3       1       EUH-3       1       EUH-3       1       EUH-4   | I.I     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CAI       NS AND SHEET M6.6 FOR     CAI       CATION     POWER<br>INPUT (KW)       CATION     POWER<br>INPUT (KW)       F FLOOR<br>CTRIC RM  
  7.5       F FLOOR<br>ECH RM     7.5       F FLOOR<br>MP RM     7.5       RIC HEATERS ARE PROVIECHANICAL CONTRACTOF       ECTRICAL CONTRACTOF       OCATION     GPM   | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  
   | 150       0.30       2         150       0.56       2         MENTS.       2         MENTS.       2         ELECTRICAL DATA         OLTS       PHASES         208       3         209       THE MECHANICAL O         200       EWT (F)   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATER         FAN DAT         S       AIR         VOLUME       NO.         (CFM)       NO.         B       650       1         B       650       1         B       650       1         CONTRACTOR.       AND RACEWAY.         AY AND CONNECTIONS.       International content of the sector of the   
   | 120     550     V       120     550     V       120     550     V       A     MANFR & MODEL NO       1/30     BERKO HUHAA720  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         So       CABINET SIZE<br>(INCHES) (D X<br>W X H)       MK         0       8 X 19 X 22       CEILIN<br>MK  
  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     IONOTE 1     HORIZ<br>UNIT I       TDATA     CONTROLS     RE       IG OR WALL<br>DUNTING     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     IONOTE 1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     IONOTE 1       JRER     MODEL NO.     REMA  | Image: Contal HEATER Contal HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AND / OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       IT R I P A R T I T E, INC Architecture Restoration Design 062-040045         ILLINOIS       ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045         ILLINO DATE: NOVEMBER 30, 2013       IT R I P A R T I T E, INC Architecture Restoration Design 062-040045         ILLINO       It and the second of the   |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SYSTEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM                                    | IN THE FIELD.<br>ICT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>RATE<br>(GPM<br>V HEATING<br>140<br>CHW<br>200   | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         r       RL - 4       1, 2, 3         r       RL - 4       1, 2, 3         r       RL - 4       1, 2, 3   
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAM<br>3 PROVIDE W<br>4<br>BOILER<br>TAG LOCA<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE HA<br>2 PROVIDE BA<br>NUST BE A<br>IS NOT POS<br>4 CONDENSA<br>MUST BE A<br>IS NOT POS<br>5 PROVIDE IN<br>6 PROVIDE IN<br>7 VIENT DISCO   
   | AL ROOM EXPANISON 16 33.6 12<br>TANK<br>AL ROOM COULING 16 33.6 12<br>CHW COULING 16 33.6 12<br>CHW COULING 16 33.6 12<br>COULING EXPANSION 16 33.6 12<br>COULING EXPANSION 16 33.6 12<br>TANK<br>AL ROOM CHW & HW NA 5 12<br>EBLADDER TYPE<br>MPED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>TH BLUE LINE SIGHT GAUGE<br>COULING CAPACITY<br>MAXMIN NATL GAS<br>INPUT MBH TMBH CLEAN<br>TMBH TMBH CLEAN<br>TMBH TMBH CLEAN<br>FOR CAPACITY<br>ATION NATL GAS INPUT OUTPU ENTER WTR LEAVG<br>TEMP (DEG WTR TEMP<br>PRESSURE<br>(IN WC) 1000 960 120 150 3<br>SOLER RM 14 IN WC, 1000 960 120 150 3<br>SOLER RM 14 IN WC, 1000 960 120 150 3<br>SOLER RM 14 IN WC, 1000 960 120 150 3<br>CARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOLER S<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOLER LOW POINTS IN THE FLUE SYSTEM<br>VOIDED. THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A<br>SIGNLER THE CONDENSATE TO RUN BACK TO THE BOLER LOW FOINTS IN THE FLUE SYSTEM<br>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLER AND THE CONDENSATE DRAIN SHOULD BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIGNLE. THE CONDENSATE TO RUN BACK TO THE BOLER LOW FOINTS IN THE FLUE SYSTEM<br>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLER LOW FOINTS IN THE CONDENSATE DRAIN SHOULD BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIGNLE THE CONDENSATE TO RUN BACK TO THE BOLER LOW FOINTS IN THE CONDENSATE DRAIN SHOULD BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE TO RUN BACK TO THE BOLER LOW FOR A TO RUN BACK TO THE BOLER TO RUN BACK TO THE BOLER TO RUN BACK TO THE DRIAN SHOULD BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE TO RUN BACK TO THE CONDENSATE TO RUN BACK TO THE DRIAN SHOULD BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE TO RUN BACK TO THE CONDENSATE DRAIN SHOULD BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE CONDENSATE DRAIN SHOULD BE INSTALLED BELOW<br>AND   | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX         FLUID       MAX         OPERATG       PRE         TYPE       180         0% PROP       180         3LY COL       180         0% PROP       180         3LY COL       180         0% PROP       180         3CHER MOUST ALLOW THE         WHERE CONDENSATE COULD  
  | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     G       NA     NA     CHW &<br>HW     N       NA     NA     CHW &<br>HW     N       SCHEDULE     ELEC       VORKG<br>SSURE     RELIEF<br>VALVE<br>SSURE     VOLTS       60     160     208       60     160     208       60     160     208       10     PROVIDE O<br>BOILER       ILLECT<br>NHOSE     11       PROVIDE T     12       ILLECT<br>NHOSE     13       ILLECT<br>NHOSE     14       INA     14   | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       5         5       5         CTRICAL DATA       04         PHASE       FULL LOAD       04         3       7.4       3         3       7.4       3         12       240, AERCO KC-1000 G <sup>12</sup> 04         NEOPHRENE VIBRATION IS       NEOPHRENE VIBRATION IS   
   | PERATG       MANFRS & MODEL NO.         VEIGHT       MANFRS & MODEL NO.         (LBS)       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         MODEL CFC 1000       DOL         2600       CLEAVER - BROOKS         MODEL CFC 1000       DOL         DOLELS AS APPROVED BY CPS: BUNDER         SYSTEM WITH NEUTRALIZER SUPPLUMBING FLOOR DRAIN.         OLATION PADS UNDER BOILERS.   
   | UH-1 F<br>UH-2 1ST FL<br>F<br>NOTES:<br>1 REFER T<br>2 3<br>4 4<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>UDERUS SB<br>PLIED BY  | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120     1       120     1       ROL SPECIFICATIO       GENER/       UNIT       HEATER       LC       TAG       1       EUH-2       1       EUH-3       1       EUH-3       THE M       3       THE E       4  
  | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CATION       AL     CATION       CATION     POWER<br>INPUT (KW)       F FLOOR<br>CTRIC RM     7.5       F FLOOR<br>ECH RM     7.5       F FLOOR<br>MP RM     7.5       RIC HEATERS ARE PROVE<br>ECHANICAL CONTRACTOR       ECHANICAL CONTRACTOR       ECHANICAL CONTRACTOR       OCATION     GPM       GIRLS     0.35   
  | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  | 150       0.30       2         150       0.56       2         MENTS.       2         MENTS.       2         ELECTRICAL DATA         OLTS       PHASES         AMF         208       3         209       THE MECHANICAL (         COW-VOLTAGE WIRING         RADIAN         RES       EWT (F)         150       1   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATER         FAN DAT         S       AIR<br>VOLUME<br>(CFM)       NO.         8       650       1         8       650       1         8       650       1         9       650       1         10       650       1         11       0.0       1         12       0.0       1         13       650       1         14       0.0       1         15       0.0       1         16       0.0       1         17       0.0       0.0         18       0.0       0.0         19       0.0       0.0         10       0.0       0.0         11       0.0       0.0         12       0.0       0.0         14       0.0       0.0         15       0.0       0.0         16       0.0       0.0         17       0.0       0.0         18       0.0       0.0  
  | 120     550     V       120     550     V       120     550     V       120     550     V       A     MANFR & MODEL NO       1/30     BERKO HUHAA720   
  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         0       CABINET SIZE<br>(INCHES) (D X<br>W X H)       MX         0       8 X 19 X 22       CEILIN<br>MR         10       8 X 19 X 22       CEILIN<br>MR         10       14       AIRTEX  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     INTEGRAL     INTEGRAL       TDATA     2-STAGE     INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     1     2-STAGE     INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     1     2-STAGE     INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     INTEGRAL     INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL       DUNTING     INTEGRAL     INTEGRAL       IG OR WALL     2-STAGE     INTEGRAL       JUNTING     INTEGRAL     INTEGRAL       JRER     MODEL NO.     REMA       I     HEF-2     1, 2  | Image: Contral Heater       THESE DRAWINGS HAVE BEEN PREPARED AT AND / OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON         PROFESSIONAL ENGINEER       062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       Architecture Restoration Design         1,2,3       IT R I P A R T I T E, INC         MARKS       It R I P A R T I T E, INC         MARKS       It R I P A R T I T E, INC         MARKS       It R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       It R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       IT R I P A R T I T E, INC         MARKS       It R I P A R T I T E, INC         MARKS       It R I P A R T I T E, INC         MARKS       It  
  |
| 2<br>3<br>4                                  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H<br>HANICAL ROOM               | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>(GPM<br>V HEATING 140<br>CHW 200<br>CHW 200   | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         F       RL - 4       1, 2, 3         F       RL - 4       1, 2, 3  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE BA<br>NOTES:<br>1 PROVIDE BA<br>SIS NOT POS<br>BREECHING<br>SY STEM MU<br>CONDENSA<br>THAT KINKI<br>LEVEL OF T<br>5 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M  
   | AL ROOM EXPANISON 16 33.6 12<br>TANK CHW<br>AL ROOM COLLING<br>EXPANSION 16 33.6 12<br>COULING<br>EXPANSION 16 33.6 12<br>AL ROOM COLLING<br>EXPANSION 16 33.6 12<br>AL ROOM CHW & HW<br>POT FEEDER NA 5 12<br>EBLADDER TYPE<br>WED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>EXPANSION TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>COUTPU<br>MATIGAS<br>INPUT NMH THE WITH LEAVE<br>INPUT OUTPU<br>FREESSURE<br>INPUT OUTPU<br>TMBH TEMP (DEG WITH TEMP<br>F) (DEG F)<br>SOLER RM 14 IN WC, 1000 960 120 150 C<br>SOLER RM 14 IN WC, 1000 960 120 150 C<br>SOLER RM 14 IN WC, 1000 960 120 150 C<br>SOLER RM 14 IN WC, 1000 960 120 150 C<br>ARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOLERS S<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOLER. LOW POINTS IN THE FLUE SYSTEM<br>VOIDED THE CONDENSATE NEUTRALIZER MUST BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIBLE THE CONDENSATE NEUTRALIZER MUST BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLER. LOW POINTS IN THE FLUE SYSTEM<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLER. LOW POINTS IN THE FLUE SYSTEM<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE INSTALLED BELOW<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE TO RUN BACK TO THE BOLER. LOW PINTS IN THE FLUE SYSTEM<br>AND CAMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE INSTALLED BELOW<br>AND CAMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPRO   | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX         TYPE       MAX         OPERATG       PRE         0% PROP       180         3LYCOL       180         0% PROP       180         3LYCOL       180         0% PROP       180         180       12         0% PROP       180         180       12         PECIFICA TIONS.       20         DE BY THE BOILER MANUFACTURER THE FL     <  
  | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE       ELEC       VOLTS         VORKG<br>SSURE       RELIEF<br>VALVE<br>SSURE       VOLTS         60       160       208         60       160       208         60       160       208         9       ALTERNA<br>615 MODE       10         10       PROVIDE 0       10         JE<br>RE<br>VAY<br>W THE       12       I         13       14       14         PROVED       15       14  | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       5         5       5         CTRICAL DATA       01         PHASE       FULL LOAD         AMPS       01         3       7.4         3       7.4         3       7.4         12 240, AERCO KC-1000 GP         CONDENSATE DRAINAGE SANUFACTURER. PIPE TO PI         NEOPHRENE VIBRATION IS   
   | PERATG<br>/EIGHT<br>(LBS) MANFRS & MODEL NO.<br>(LBS) CLEAVER - BROOKS<br>MODEL CFC 1000<br>2600 CLEAVER - BROOKS<br>MODEL CFC 1000<br>2600 CLEAVER - BROOKS<br>MODEL CFC 1000<br>2600 CLEAVER - BROOKS<br>MODEL CFC 1000<br>2000 CLEAVER - BROOKS<br>MODEL CFC 1000  
  | UH-1 F<br>UH-2 IST FL<br>F<br>NOTES:<br>1 REFER T<br>2 3<br>4 4<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,<br>1,2,3,4,5,6,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7 | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120     1       120     1       ROL SPECIFICATIO       GENER/       UNIT       HEATER       LC       TAG       EUH-1       1ST       EUH-2       1ST       EUH-3       1ST       PU       NOTES:       1       ELECT       2       THE M       3       THE B       4       TAG       LL       RP-1       RP-2  
   | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CATION       AL     CATION       CATION     POWER<br>INPUT (KW)       F FLOOR<br>CTRIC RM     7.5       F FLOOR<br>CTRIC AL CONTRACTOC       ECHANICAL CONTRACTOC       ECHANICAL CONTRACTOC       ECHANICAL CONTRACTOC       OCA TION     GPM       IST FLR     0.35       IST FLR     0.35       IST FLR     0.35  
   | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .8       650         .8       650         .8       650         .8       650         .8       650         .9       1         .9       650         .1       1         .8       650         .1       1         .9       650         .1       1         .9       .1         .9       .1         .9       .1         .9       .1         .9       .1         .9       .1         .9       .1         .9       .1         .9       .1         .9       .1         .9       .1         .9  
   | 120       550       V         120       550       V         120       550       V         R       SCHEDULE       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720   
   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         0       8 X 19 X 22         0       144  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     Integration     Integration       TDATA     CONTROLS     Reinstand       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     Integration       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     Integration       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     Integration       JRER     MODEL NO.     REMA       IRE     HEF-2     1, 2   | Image: Contral Heater       These DRAWINGS HAVE BEEN PREPARED AT AND COMPLY WITH THE REQUIREMENTS OF THE CONFORM AND COMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       ILLINOIS ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045         ILLINOIS       ROBERT B. HUSTON PROFESSIONAL ENGINEER 062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       INTRICEMENTS OF THE Chicago, Illinois 600625         MARKS       4720 N. Virginia Ave. Chicago, Illinois 600625         1,2,3       INTRIX ENGINEERING CORPORATION 33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 60604         3TRUCTURAL ENGINEERING       STRUCTURAL ENGINEERING         1,2,3       INTER DESIGN GROUP, LTD.         2,3       INTERA ENGINEERING, LLC         3 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 60605         1,2,3       INTERA ENGINEERING, LLC         3 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 60605         1,2,3       INTERA ENGINEERING, LLC         3 W. JACKSON BLVD, IFREET, 4TH FLOOR / CHICAGO, IL 60603         3 W. JACKSON BLVD, LIDO (CHICAGO, IL 60603         4,720 N. WESTERN AVE, / CHICAGO, IL 60603         3 W. JACKSON BLVD, LOW VOLTAGE, SECURITY, FIRE ALARM         B8 S. MICHIGAN AVE, JUMET 1000 / CHICAGO, IL 60603         3 W. JACKSON CATEES         3 BEOR ASSOCIAT   
  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H<br>HANICAL ROOM               | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SYSTEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>140<br>CHW<br>200  | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         RL - 4       1, 2, 3         RL - 4       1, 2, 3  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE HA<br>2 PROVIDE HA<br>3 PROVIDE HA<br>3 PROVIDE HA<br>3 PROVIDE HA<br>2 PROVIDE BA<br>MUST BE AN<br>IS NOT POS<br>4 CONDENSA<br>MUST BE AN<br>IS NOT POS<br>4 SY STEM MA<br>CONDENSA<br>THAT KINKI<br>LEVEL OF T<br>5 PROVIDE RA<br>7 PROVIDE MA<br>7 PROVIDE MA<br>1 ST FLR E<br>1 PROVIDE NA<br>1 ST FLR E<br>1 PROVIDE TA<br>1 PROVIDE TA<br>1 ST FLR E<br>1 ST FLR E<br>1 PROVIDE TA<br>1 ST FLR E<br>1 ST FLR               | AL ROOM EXPANISON 16 33.6 12<br>TANK AL ROOM COULS 16 33.6 12<br>AL ROOM COULS 16 33.6 12<br>EXPANSION 16 33.6 12<br>TANK 5 12<br>AL ROOM CHW & HW NA 5 12<br>ELADDER TYPE<br>WED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>ELADDER TYPE<br>WED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>THE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>ATTON NATL GAS INPUT OUTPUT ENTER WIR LEAVE<br>THE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>COUNTRUE IN THE SIGHT GAUGE<br>ATTON 14 IN WC, 1000 960 120 150
3<br>SOILER RM 14 IN WC, 1000 960 120 150 3<br>COUNTRUE IN THE FLUE SYSTEM<br>ARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOILER S<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FL<br>SIBLE THE CONDENSATE NEUTRALIZER MUST BE INSTALLED IN SUCH A<br>SIBLE THE CONDENSATE NEUTRALIZER MUST BE INSTALLED IN SUCH A<br>SIBLE THE CONDENSATE NEUTRALIZER MUST BE INSTALLED IN SUCH A<br>SIBLE THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE INSTALLED IN SUCH A<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE INSTALLED IN SUCH A<br>AND COMBUSTION AIR FIPING LAYOUT MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE CONDENSATE NEUTRALIZER MUST BE APPROVED BY THE<br>SIST ALLOW THE COND   | 10       125         10       125         10       125         10       125         10       125         10       125         5       10         10       125         10       125         10       125         FLUID<br>TYPE       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP<br>GLYCOL       180         180       180         180       180         180       180         180       180         190       180         190       180         191  
   | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE        KELIEF         VORKG<br>SSURE       RELIEF<br>VALVE<br>SSURE       VOLTS         60       160       208         60       160       208         60       160       208         10       PROVIDE D         NHOSE       11         PROVIDE 1       PROVIDE 1         11       PROVIDE 1         12       11         IER       14         PROVED       15         16       16  | DELL A<br>SOSSETT DV<br>BELL &<br>SOSSETT DV<br>IEPTUNE VTF-<br>5<br>CTRICAL DATA<br>PHASE FULL LOAD<br>PHASE FULL LOAD<br>AMPS<br>3<br>7.4<br>3<br>7.4<br>3<br>7.4<br>3<br>7.4<br>1<br>1, 2, 3<br>0<br>0<br>0<br>0<br>1<br>0<br>0<br>1<br>0<br>0<br>1<br>0<br>0<br>1<br>0<br>0<br>0<br>1<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  
  | ZERATG<br>(EGHT<br>(EGHT)       MANFRS & MODEL NO.         2600       CLEAVER - BROOKS<br>MODEL CFC 1000         200       CLEAVER - BROOKS<br>MODEL CFC 1000         200       CLEAVER - BROOKS<br>MODEL CFC 1000         201       TOP ADS UNDER BOLLERS.   | UH-1<br>IST FL<br>IST FL<br>REFER T<br>2<br>3<br>4<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>UDERUS SB<br>PLIED BY   
   | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120       1         120       1         ROL SPECIFICATIO         GENERA         UNIT         HEATER       LC         TAG       1ST         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         PL       1ST         EUH-3       1ST         PL       1ST         RP-1       1ST         RP-1       RP-2         RP-3       S         RP-4       S  
   | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR       CATION     POWER       CATION     POWER       IFLOOR     7.5       OCA TION     GPM       NS FILS     0.35       IST FLR     0.35       IST FLR     0.12       SHOWER     0.12   | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  
   | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .0.0         .7       .0.0         .7       .7         .7       .0.0         .8       .650         .1       .0.1         .3       .650         .1       .1         .3       .650         .1       .1         .3       .650         .1       .1         .3       .650         .1       .1         .3       .1         .3       .1         .3       .1         .3       .3         .3       .3         .3       .3         .3       .3         .3       .3         .3       .3         .3       .3         .3 <td>120       550       V         120       550       V         120       550       V         120       550       V         R       SCHEDULE         HP       MANFR &amp; MODEL NO         1/30       BERKO HUHAA720         1/</td> <td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I     <!--</td--><td>EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       T DATA     CONTROLS     RE       IG OR WALL<br/>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br/>THERMOSTAT     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2</br></br></td><td>CONTAL<br/>HEATER<br/>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AND<br/>OR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045<br/>EXPIRATION DATE: NOVEMBER 30, 2013         MARKS         12,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         MARCHARA VE, SURE HOLOR / CHICAGO, IL 60604         STREDESIGN GROUP, LTD.         225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL 60651         LANDSCAPE DESIGN</td></td>  
   | 120       550       V         120       550       V         120       550       V         120       550       V         R       SCHEDULE         HP       MANFR & MODEL NO         1/30       BERKO HUHAA720         1/   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I </td <td>EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       T DATA     CONTROLS     RE       IG OR WALL<br/>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br/>THERMOSTAT     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2</br></br></td>
<td>CONTAL<br/>HEATER<br/>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AND<br/>OR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045<br/>EXPIRATION DATE: NOVEMBER 30, 2013         MARKS         12,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         MARCHARA VE, SURE HOLOR / CHICAGO, IL 60604         STREDESIGN GROUP, LTD.         225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL 60651         LANDSCAPE DESIGN</td>  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       T DATA     CONTROLS     RE       IG OR WALL<br>DUNTING<br>  | CONTAL<br>HEATER<br>CONTAL<br>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AND<br>OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013         MARKS         12,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         1,2,3         MARKS         MARCHARA VE, SURE HOLOR / CHICAGO, IL 60604         STREDESIGN GROUP, LTD.         225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL 60651         LANDSCAPE DESIGN  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CO<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFU<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.  | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2 3<br>4         | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H<br>HANICAL ROOM               | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>NHEATING<br>CHW<br>COOLING<br>140<br>CHW<br>COOLING  | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         RL - 4       1, 2, 3         RL - 4       1, 2, 3  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR E<br>B-2 1ST FLR E<br>NOTES:<br>1 PROVIDE H<br>2 PROVIDE H<br>2 PROVIDE H<br>2 PROVIDE H<br>3 PROVIDE H<br>3 PROVIDE FL<br>3 SYSTEM ML<br>CONDENSA<br>THAT KINKI<br>LEVEL OF T<br>5 PROVIDE RW<br>7 PROVIDE RW<br>7 PROVIDE RW<br>8 SECTION IV   
   | AL ROOM EXPANISON 16 33.6 12<br>TANK<br>OHW<br>AL ROOM COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>COULING<br>TANK<br>AL ROOM CHW & HW<br>POT FEEDER<br>NA 5 12<br>EBLADDER TYPE<br>WFED AND TESTED.<br>THE BLUE LINE SIGHT GAUGE<br>COUNTRY<br>WFED AND TESTED.<br>THE BLUE LINE SIGHT GAUGE<br>COUNTRY<br>ATION NATL GAS<br>NPUT<br>PRESSURE<br>MBH OUTPU<br>TMBH COUNTRY<br>NATL GAS<br>NPUT<br>PRESSURE<br>MAXIMIN<br>NATL GAS<br>NPUT<br>PRESSURE<br>MBH OUTPU<br>TMBH COUNTRY<br>TMBH COUNTRY<br>TMBH THE PLOEG<br>TO<br>THE UEAN<br>CONT<br>THE LIP CONSTRUCTION<br>COUNTRY<br>THE CONDENSATE OR ANNUAL CONTROL SWITCH.<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LIE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOLER. LOW POINTS IN THE FLUE SYSTEM<br>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLER SATE OR AND BOLER S<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LIE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOLER. LOW POINTS IN THE FLUE SYSTEM<br>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLER LOW POINTS IN THE FLUE SYSTEM<br>NO CONTAINER THE CONDENSATE TO RUN BACK TO THE BOLER LOW PONTS IN THE FLUE SYSTEM<br>NO CONDUCT MUST BE AVOIDED. THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A<br>SIBLE. THE CONDENSATE TO RUN BACK TO THE BOLER. LOW PONTS IN THE FLUE SYSTEM<br>NO CONTINUES TON AIR PIPING LAYOUT MUST BE AND EVEL ON THE<br>STALLOW THE CONDENSATE NEUTRALIZER MUST BE AND ENSTALLED BELOW<br>TO COMBUSTION AIR PIPING LAYOUT MUST BE AND EVEL ON THE TO AND SENDENSATE NOT POSSIBLE. THE CONDENSATE TORALLED IN SUCH A<br>SIGULE THE CONDENSATE NOT POSSIBLE. THE CONDENSATE DRAIN SHOULD BE INSTALLED AND COMBUSTION AIR PIPING LAYOUT MUST BE AND THE TORAL HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SHOULD SENDENSATE DRAIN SHOULD BE AND CONDUSTION AIR PIPING (MINING<br>AND ACTURER APPROVED VENT AND COMBUSTION AIR PIPING (LO   | 10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         YPE       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP<br>GLYCOL       180         0% PROP<br>GLYCOL       180         0% PROP<br>GLYCOL       180         0% THE EONDENSATE COULD CO<br>VAY THAT KINKING OF THE DRAIN.         30LER MANUFACTURER.THE FL<br>DINTS IN THE FLUE SYSTEM WHE<br>DULD BE INSTALLED IN SUCH A VALUE<br>LIZER MUST BE INSTALLED BELO         D BY THE BOILER MANUFACTURE<br>MUST BE INSTALLED BELO         D BY THE BOILER MANUFACTURE<br>MUST BE INSTALLED AP<br>APE.   
   | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE       ELEC       VOLTS         NORKG<br>SSURE       RELIEF<br>VALVE<br>SETTING<br>(PS)       VOLTS         60       160       208         60       160       208         60       160       208         10       PROVIDE 0         9       ALTERNA<br>615 MODE         10       PROVIDE 0         11       PROVIDE 0         NHOSE       11         PROVIDE 1       13         13       14         PROVED       15         16       16  | DELL A<br>SOSSETT DV<br>BELL &<br>SOSSETT DV<br>IEPTUNE VTF-<br>5<br>CTRICAL DATA<br>PHASE<br>FULL LOAD<br>OF<br>AMPS<br>0<br>3<br>7.4<br>3<br>7.4<br>3<br>7.4<br>1, 2, 3<br>0<br>0<br>0<br>0<br>0<br>1<br>0<br>0<br>0<br>1<br>0<br>0<br>1<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   
  | ERATG       MANFRS & MODEL NO.         /EGHT       MANFRS & MODEL NO.         (LBS)       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         SYSTEM WITH NEUTRALIZER SUPF         JUMBING FLOOR DRAIN.         OLA TION PADS UNDER BOILERS.  
  | UH-1<br>IST FL<br>IST FL<br>F<br>NOTES:<br>1 REFER T<br>2<br>3<br>4<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>UDERUS SB<br>PLIED BY  | M 15<br>MECH 15<br>D TEMPERATURE CONT  | 120     1       120     1       ROL SPECIFICATIO       GENER/       UNIT       HEATER       LC       TAG       EUH-1       1ST       EUH-2       1ST       EUH-3       1ST       PL       NOTES:       1       1       ELECT       2       THE M       3       THE M       3       THE M       4       TAG       RP-1       RP-3       RP-4       RP-5   
   | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     INPUT       NS AND SHEET M6.6 FOR     INPUT       AL     CATION       POWER     INPUT (KW)       CATION     POWER       IFLOOR     7.5       IST FLR     0.35       IST FLR     0.35       IST FLR     0.12       SHOWER     0.12       SHOWER     0.12       SHOWER     0.23  
   | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATER         FAN DAT         S       AIR<br>VOLUME<br>(CFM)       NO.         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         0       20       1         20       291       3         20       291       3         20       291       1         20       291       1         20       291       1         20       291       1   
   | 120       550       V         120       550       V         120       550       V         R       SCHEDULE         A       MANFR & MODEL NO         1/30       BERKO HUHAA720   
   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         0       8 X 19 X 22         0       9 A IRTEX  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     Integration of the second of the s   | CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         HEATER       / OR UNDER MY SUPERVISION AND TO THE BEST         OF MY KNOWLEDGE AND BELIEF CONFORM AND       COMPLY WITH THE REQUIREMENTS OF THE         CHICAGO DEPARTMENT OF BUILDING.       ILLINOIS         ROBERT B. HUSTON       PROFESSIONAL ENGINEER         062-040045       EXPIRATION DATE: NOVEMBER 30, 2013         MARKS       TRIPAR TICK PARTIES, INC         MARKS       Architecture Restoration Design         11,2,3       MATRIX ENGINEERING CORPORATION         33 W, JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 60604         STRUCTURAL ENGINEERING       STRUCTURAL ENGINEERING, LTD.         33 W, JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 60605         LANDSCAPE DESIGN         TERRA ENGINEERING, LTD.         225 W, OHIO STREET, 4TH FLOOR / CHICAGO, IL 60605         LANDSCAPE DESIGN         TERRA ENGINEERING, LTD.         225 W, OHIO STREET, 4TH FLOOR / CHICAGO, IL 60654         CIVIL ENGINEERING         CALOR DESIGN GROUP, LTD.         225 W, OHIO STREET, ATH FLOOR / CHICAGO, IL 60654         CIVIL ENGINEERING         CIVIL ENGINEERING         240 WITH STRUCTURAL, PLUMBING, FIRE PROTECTION         TECHKNOW ENGINEERING, LLC         3660 N LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL 60613  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COT<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SYSTEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>HANICAL ROOM                    | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>RATE<br>(GPM<br>V HEATING<br>140<br>CHW<br>200<br>CHW<br>200  | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         RL-4       1,2,3         RL-4       1,2,3  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>B-1 IST FLR B<br>B-2 IST FLR B<br>B-2 IST FLR B<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE BA<br>MUST BE A<br>IS NOT POS<br>4 SY STEM MA<br>CONDENSA<br>MUST BE A<br>IS NOT POS<br>4 SY STEM MA<br>CONDENSA<br>MUST BE A<br>IS NOT POS<br>4 SY STEM MA<br>CONDENSA<br>THAT KINKI<br>LEVEL OF T<br>5 PROVIDE BA<br>6 PROVIDE NA<br>7 PROVIDE MA<br>VENT DISCH  
   | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>AL ROOM CHWS HW COOLING<br>EXPANSION 16 33.6 12<br>AL ROOM CHWS HW NA 5 12<br>AL ROOM CHWS HW NA 5 12<br>EBLADDER TYPE<br>WED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>CON<br>TH BLUE LINE SIGHT GAUGE<br>CON<br>ATION NATL GAS INPUT OUTPU<br>PRESSURE MBH 7 MBH COUTPU<br>FOR CAPACITY COUPU<br>TMBH 120 120 150 2<br>301LER RM 14 IN WC, 1000 960 120 150 2<br>CON<br>ARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOILER S<br>AS- REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FI<br>TE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM<br>AND CONBUSTION AIR PHING LAYOUT MUST BE APPROVED BY THE<br>STALLED IN THE CONDENSATE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM<br>AND COMBUSTION AIR PHING LAYOUT MUST BE APPROVED BY THE<br>STALLED IN THE CONDENSATE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM<br>AND COMBUSTION AIR PHING LAYOUT MUST BE APPROVED BY THE<br>STALLED ONDENSATE ORAIN SHOLD BE INSTALLED BELOW<br>AND COMBUSTION AIR PHING LAYOUT MUST BE APPROVED BY THE<br>STALLOW THE CONDENSATE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM<br>AND COMBUSTION AIR PHING LAYOUT MUST BE APPROVED BY THE<br>STALLED WITH CONDENSATE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM<br>AND COMBUSTION AIR PHING LAYOUT MUST BE APPROVED BY THE<br>STALLED WITH CONDENSATE TO RUN BACK TO THE CONDENSATE TO RUN BACK T   | 10       125         10       125         10       125         10       125         10       125         10       125         FLUD       MAX<br>OPERATG<br>TEMP (DEG F)         7       180         0% PROP<br>GLY COL       180         0% PROP<br>VHER ECONDENSA TE COULD COLVAY<br>VAY THAT KINKING OF THE DRAIN.         00LD BE INSTALLED NE SUCH A NUFACTURE<br>VHER MUST BE INSTALLED BELOW         0       D BY THE BOILER MANUFACTURE<br>VHER MANUFACTURE<br>VHER MANUFACTURE<br>VHER MANUFACTURE<br>VHER MANUFACH DIAMETER), CODE AP<br>VHER VHER MANUFACTURE<br>VHER VHER VHER V  
  | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         G       G       CHW &<br>HW       N         G       G       CHW &<br>HW       N         G       CHW &<br>HW       N       N         G       G       CHW &<br>HW       N         G       CHW &<br>HW       N       N         G       CHW &<br>HW       N       N         G       G       CHW &<br>HW       N         G       160       208       G         GO       110       PROVIDE G       G         IN HOSE       11       PROVID G       G         IN HOSE       11       PROVID G       G         IN HOSE       11       G       G         IN HOSE       14       G       G         IN HOSE       1  | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       5         5       5         IEPTUNE VTF-       5         1       1, 2, 3         IEPTUNE VTF-       5         5       1         IEPTUNE VTF-       5         3       7.4         3       7.4         3       7.4         3       7.4         3       7.4         SCONDENSA TE DRAINAGE SANUFACTURERS & MA         ANUFACTURER. PIPE TO PROV         NEOPHRENE VIBRATION IS  
   | PERATG<br>(EGHT<br>(LBS)       MANFRS & MODEL NO.         2600       CLEAVER - BROOKS<br>MODEL CFC 1000         200       CLEAVER - BROOKS<br>MODEL CFC 1000         201       DOLATION PADS UNDER BOILERS.   
                         | UH-1<br>IST FL<br>IST FL<br>REFER T<br>2<br>3<br>4<br>4<br>REMARKS<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11<br>1,2,3,4,5,6,<br>7,8,9,10,11   | M 15<br>M 15<br>D TEMPERATURE CONT   | 120       1         120       1         ROL SPECIFICATIO         GENER/         UNIT         HEATER       LC         TAG       1ST         EUH-1       1ST         EUH-2       1ST         PL       1ST         EUH-3       1ST         PL       1ST         PL       1ST         EUH-3       1ST         PL       1ST         RP-1       1ST         RP-3       2         RP-4       2         RP-5       2         RP-6       2   
   | I.I     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     Image: Constraint of the second se  | ACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  
  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7  
  | 120       550       V         120       550       V         120       550       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         S       CABINET SIZE<br>(INCHES) (D X<br>W X H)       MX         0       8 X 19 X 22       CELIN<br>MB         144       AIRTEX         48       AIRTEX         96       AIRTEX  
   | EXPOSED NOTE 1 UNIT I   EXPOSED NOTE 1 HORIZ   EXPOSED NOTE 1 HORIZ   ICONTROLS RE   IG OR WALL 2-STAGE   IG OR WALL 1   DUNTING INTEGRAL   IG OR WALL 2-STAGE   IG OR WALL 2-STAGE   IG OR WALL 1   ACKET INTEGRAL   INTEGRAL 1   IG OR WALL 1   IG HEF-2 1   IG HEF-2 1   IG  | CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         IFATER       OF MY KNOWLEDGE AND BELIEF CONFORM AND         COMPLY WITH THE REQUIREMENTS OF THE       CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON         PROFESSIONAL ENGINEER       062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPARTIEN OF AND EXPIRATION DATE: NOVEMBER 30, 2013         MARKS       Architecture Restoration Design         MARKS       Architecture Restoration Design         11,2,3       TRIPARTIX ENGINEERING CORPORATION         33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 60604       STRUCTURAL ENGINEERING         11,2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605       LANDSCAPE DESIGN         11,2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605       LANDSCAPE DESIGN         11,2,3       SITE DESIGN GROUP, LTD.         225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL 60605       LANDSCAPE DESIGN         11,2,3       SITE DESIGN GROUP, LTD.         226 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL 60605       LANDSCAPE DESIGN         11,2,3       SITE DESIGN GROUP, LTD.         221 N. WESTERN AVE, OFHICAGO, IL 60603       QUALITY CONTROL, LOW VOLTAGE, SECURITY, FIRE ALARM         HJ KESSLER ASSOCIAT  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COT<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SYSTEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H<br>HANICAL ROOM                | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>NHEATING<br>140<br>CHW<br>200<br>CHW<br>200   | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         RER       MODEL A.       REMARKS         RL - 4       1, 2, 3         RL - 4       1, 2, 3   
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>B-1 IST FLR B<br>B-2 IST FLR B<br>B-2 IST FLR B<br>B-2 IST FLR B<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE BA<br>MUST BE AV<br>IS NOT POS<br>4 CONDENSA<br>MUST BE AV<br>IS NOT POS<br>4 SECTION IV  
   | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>AL ROOM CHWSINS 16 33.6 12<br>CHW COOLING 16 33.6 12<br>TANK<br>AL ROOM CHWSINS 16 33.6 12<br>TANK<br>AL ROOM CHWSINS 16 33.6 12<br>TANK<br>AL ROOM CHWSINS 16 16 33.6 12<br>THE COULS 16 12<br>ELADDER TYPE.<br>WPED AND TESTED<br>THE BLUE LINE SIGHT GAUGE<br>CON<br>ATION NATL GAS<br>INPUT OUTPU ENTER WITH RELITE VITH LEAVG<br>INPUT NET MBH CONTROL SWITH<br>ALTON 14 IN WC, 1000 960 120 150 2<br>301LER RM 14 IN WC, 1000 960 120 150 2<br>ARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOLERS<br>AS - REMOTE / LOCAL MANUAL CONTROL SWITCH.<br>LUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER, THE FI<br>TO COULDED THE CONDENSATE TO RUN BACK TO THE BOLER LOW POINTS IN THE FLUE SYSTEM<br>VOIDED THE CONDENSATE TO RUN BACK TO THE BOLER LOW POINTS IN THE FLUE SYSTEM<br>NO OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A<br>AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE<br>STALLOW THE CONDENSATE TO RUN BACK TO THE BOLER LOW POINTS IN THE FLUE SYSTEM<br>NO OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>NG OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE DRAIN SH<br>AND COMBUSTION AIR PIPING (MA   | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         FLUID<br>TYPE       MAX<br>OPERATG<br>TEMP (DEG F)       MAX<br>PRE<br>(1)         0% PROP<br>GLYCOL       180          0% PROP<br>GLYCOL       180          0% PROP<br>GLYCOL       180          200% PROP<br>GLYCOL       180          0% PROP<br>GLYCOL       180          120 ESYSTEM MUST ALLOW THE<br>WHERE CONDENSATE COULD CO<br>VAY THAT KINKING OF THE DRAIN.          30LER MANUFACTURER. THE FL<br>UNTS IN THE FLUE SYSTEM WHE<br>DULD BE INSTALLED IN SUCH A Y<br>LIZER MUST BE INSTALLED IN SUCH A Y<br>LIZER M  
   | 50       90       HOI WATER       G         50       90       CHW MATER       G         50       90       CHW MATER       G         NA       NA       CHW & M       M         NA       NA       CHW & M       M         MA       NA       NA       CHW & M         Scure       RELIEF       Volts       Volts         60       160       208       M         60       160       208       M         G       10       PROVIDE M       M         MA       11       PROVIDE M       M         JE       11       M       M         MA       14       M       M         MA       16       M       M  | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       -         5       -         PHASE       FULL LOAD         PHASE       FULL LOAD         3       7.4         3       7.4         3       7.4         SONDENSATE DRAINAGE :         ANUFACTURERS & M         CONDENSATE DRAINAGE :         ANUFACTURER. PIPE TO PI         NEOPHRENE VIBRATION IS   
  | PERATG<br>/EIGHT<br>(LBS)<br>2600<br>2600<br>2600<br>2600<br>2600<br>2600<br>2002<br>2600<br>2002<br>2003<br>2004<br>2004<br>2004<br>2005<br>2005<br>2005<br>2005<br>2005  
  | UH-2<br>IST FL<br>F<br>NOTES:<br>1<br>REFER T<br>2<br>3<br>4<br>4  | M 15<br>MECH 15<br>D TEMPERATURE CONT  | 120       1         120       1         ROL SPECIFICATIO         GENER/         UNIT         HEATER       LC         TAG       1         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         PU       1         NOTES:       1         1       ELECT         2       THE M         3       THE E         4       -         TAG       L         RP-1       E         RP-3       S         RP-4       S         RP-6       2         1       S         1       S   
   | I.I     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR       NS AND SHEET M6.6 FOR       NS AND SHEET M6.6 FOR       CATION     POWER       CATION     POWER       CATION     POWER       IFLOOR     7.5       FLOOR     7.5       FLOOR     7.5       FLOOR     7.5       RIC HEATERS ARE PROV       ECHANICAL CONTRACTOR       ECHANICAL CONTRACTOR       ECHANICAL CONTRACTOR       OCATION     GPM       IST FLR     0.35       IST FLR     0.35       IST FLR     0.12       SHOWER     0.12       SHOWER     0.23       ZND FLR     0.23       GIRLS     0.23       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       ST FLR     0.23       SHOWER     0.23       SHOWER     0.23       ST FLR     0.23       SHOWER     0.23   
   | Image: second   | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .0.0     <   
   | 120       550       V         120       550       V         120       550       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720  
   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         0       8 X 19 X 22         0       8 X 19 X 22       CELIN<br>MR<br>B         1       A       MR         1       MA       MR         48       A       A         96       A       A         96       A       A         96       A       A   | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       T DATA     CONTROLS     RE       JG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     I       JG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     I       JG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     I       JRER     MODEL NO.     REMA       JRER     MODEL NO.     REMA       IG     HEF-2     1, 2       IG     HEF-2     1, 2       IG     HEF-2     1, 2       IG     HEF-2     1, 2   | CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         HEATER       OF MY KNOWLEDGE AND BELIEF CONFORM AND         COMPLY WITH THE REQUIREMENTS OF THE       COMPLY WITH THE REQUIREMENTS OF THE         CHICAGO DEPARTMENT OF BUILDING.       ILLINOIS         ROBERT B. HUSTON       PROFESSIONAL ENGINEER         062-040045       EXPIRATION DATE: NOVEMBER 30, 2013         MARKS       IT R I P A R T I T E, INC         MARKS       AT20 N. Virginia Ave.         12,3       IT R I P A R T I T E, INC         MARKS       AT20 N. Virginia Ave.         12,3       Its DESIGN GROUP, LTD.         SITE DESIGN GROUP, CHICAGO, IL 60604       STRUCTURAL ENGINEERING         12,3       SITE DESIGN GROUP, LTD.         3 W. JACKSON BLUD, JTH FLOOR / CHICAGO, IL 60605       LANDSCAPE DESIGN         12,3       SITE DESIGN GROUP, LTD.         288 V. OHIO STREET, ATH FLOOR / CHICAGO, IL 60605       LANDSCAPE DESIGN         12,17 N. WESTERN AVE. / CHICAGO, IL 60603       OUALITY CONTACL, EWONTAGE, SUITE 1000 / CHICAGO, IL 60604         STITE DESIGN GROUP, LTD.       2217 N. WESTERN AVE. / CHICAGO, IL 60603         20 L MAR ST, SUITE 1000 / CHICAGO, IL 60603       OUALITY CONTAGL, EWONTAGE, SUITE 100 / CHICAGO, IL 60603         3       OUALITY CONTAGL, EWONTAGE, SUITE 100 / CHICAGO, IL 60603         3       OU   |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COT<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H<br>HANICAL ROOM H             | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SYSTEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>140<br>CHW<br>200   | ARATOR SCHEDULE  | RER       MODEL NO.       REMARKS         I       I       I         RL-4       1,2,3       I         I       I <t< td=""><td>ET-2 MECHANICA<br/>CPT-1,<br/>CPT-2 MECHANICA<br/>NOTES:<br/>1 TANKS ARE<br/>2 ASME STAN<br/>3 PROVIDE W<br/>4<br/>BOILER<br/>TAG<br/>B-1 1ST FLR<br/>B-2 1ST FLR<br/>B-2 1ST FLR<br/>B-2 1ST FLR<br/>B-2 1ST FLR<br/>1 PROVIDE HA<br/>2 PROVIDE HA<br/>2 PROVIDE BA<br/>MUST BE A<br/>IS NOT POS<br/>4 CONDENSA<br/>MUST BE A<br/>IS NOT POS<br/>4 SECTION IV</td><td>AL ROOM EXPANSION 16 33.6 12<br/>TANK<br/>AL ROOM COULS 16 33.6 12<br/>CHW AL ROOM COULS 16 33.6 12<br/>EXPANSION 16 33.6 12<br/>CHW &amp; HW NA 5 12<br/>ELADDER TYPE<br/>WED AND TESTED.<br/>TH BLUE LINE SIGHT GAUGE<br/>CONTRUCTION CONTRUCTION<br/>ATON NATL GAS INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER WTR LEAVG<br/>NATON NATL GAS INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER WTR LEAVG<br/>ATON NATL GAS INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER VIEW INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER VIEW INFUT OUTPU ENTER WTR LEAVG<br/>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT OUTPU<br/>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT OUTPU<br/>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT ENTER<br/>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT ENTER<br/>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT ENTER<br/>INFUT OUTPUE ONDERSATE DRAIN SHOULD BE INSTALLED BELOW<br/>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW POINTS IN THE FLUE ESYSTEM<br/>ING OF THE DRAIN HOSE IS NOT POSSIBLE THE CONDENSATE NEUTRAL<br/>INFO OUTPUE ONDERSATE DRAIN SHOULD BE INSTALLED BELOW<br/>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW POINTS IN THE FLUE ESYSTEM<br/>ING OF THE DRAIN HOSE IS NOT POSSIBLE THE CONDENSATE NEUTRAL<br/>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW POINTS IN THE FLUE ESYSTEM<br/>ING OF THE DRAIN HOSE IS NOT POSSIBLE THE CONDENSATE NEUTRAL<br/>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br/>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br/>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br/>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br/>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br/>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER AS APPROVED<br/>AND CASE PRESSURE REGULATOR SIZE FOR BOLLER. AS APPROVED<br/>AND ACCE AND INTER CONDENS INT AND COMBUSTION AR</td><td>10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br/>OPERATG<br/>TEMP (DEG F)         0% PROP       180         0% PROP</td><td>50       90       HOI<br/>WATER       G         50       90       CHW<br/>WATER       G         50       90       CHW<br/>WATER       G         NA       NA       CHW &amp;<br/>HW       N         NA       NA       CHW &amp;<br/>HW       N         NA       NA       CHW &amp;<br/>HW       N         SCHEDULE       VALVE<br/>SETING<br/>(PS)       VOLTS         60       160       208         60       160       208         60       160       208         10       PROVIDE 0         9       ALTERNA<br/>615 MODE         10       PROVIDE 0         10       PROVIDE 0         11       PROVIDE 0         12       13         21       14         70 HD       15         16       16</td><td>DELL A       1, 2, 3         BELL &amp;       1, 2, 3         BELL &amp;       1, 2, 3         IEPTUNE VTF-       -         5       -         CTRICAL DATA       -         PHASE       FULL LOAD         AMPS       V         3       7.4         3       7.4         3       7.4         3       7.4         SONDENSATE DRAINAGE FOR INAGE FOR INFACTURE FOR INAGE FOR INAGE FOR INFACTURE FOR INFACTURE FOR INAGE FOR INFACTURE FOR</td><td>PERATG       MANFRS &amp; MODEL NO.         //EIGHT       MANFRS &amp; MODEL NO.         (LBS)       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         MODEL CFC 1000       DOELS AS APPROVED BY CPS: BL         SYSTEM WITH NEUTRALIZER SUPF       UMBING FLOOR DRAIN.         OLA TION PADS UNDER BOILERS.       DOELS AS APPROVED BY CPS: BL</td><td>UH-1 IST FL IST</td><td>M 15<br/>N ECH 15<br/>D TEMPERATURE CONT</td><td>120       1         120       1         ROL SPECIFICATIO         GENERA         UNIT         HEATER       LC         TAG       1         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         PU       1         NOTES:       1         1       ELECT         2       THE M         3       THE E         4       -         NOTES:       1         1       ELECT         2       THE M         3       THE E         4       -         RP-1       R         RP-2       R         RP-3       S         RP-6       -         1       SI         1       SI         2       R         3       R</td><td>I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CATION     POWER       CATION     POWER     NPUT (KW)       FLOOR     7.5       OCATION     GPM       N     N       SHOWER     0.35       IST FLR     0.35       GIRLS     0.12       SHOWER     0.12       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOP FLR     0.23       OCATION CELING PANELS       CADIANT CELING PANELS</td><td>08     NA       08     NA       CONTROL REQUIRE       CONTROL REQUIRE       ACITY       HEATING       CAPACITY       HEATING       CAPACITY       (MBH)       25.6       24       0.00000000000000000000000000000000000</td><td>150       0.30       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0   
     .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0         .7       .0.0     &lt;</td><td>120       550       V         120       550       V         120       550       V         120       550       V         A       V       V         A       MANFR &amp; MODEL NO       MODEL NO         1/30       BERKO HUHAA720       BERKO HUHAA720         1/30       BERKO HUHAA720       HUHAA720         1/30       HUHAA720       HUHA720     <!--</td--><td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I      <t< td=""><td>EXPOSED       NOTE 1       UNIT 1         EXPOSED       NOTE 1       HORIZ         EXPOSED       NOTE 1       HORIZ         ISONTING       CONTROLS       RE         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       INTEGRAL       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       HEFNOSTAT       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         NODEL NO.       REMA       INTEGRAL         JRER       MODEL NO.       REMA         IG       HEF-2       1, 2         IG       HEF-2</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         HEATER       OF MY KNOWLEDGE AND BELIEF CONFORM AND         CONTAL       OF MY KNOWLEDGE AND BELIEF CONFORM AND         COMPLY WITH THE REQUIREMENTS OF THE       CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON         PROFESSIONAL ENGINEER       062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPARETINO DATE: NOVEMBER 30, 2013         MARKS       1.2,3         MARKS       4720 N. Virginia Ave.         1.2,3       Chicago, Illinois 60625         1.2,3       STEDESIGN GROUP, LTD.         30 W. JACKSON BLVD, ATH FLOOR / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         201 W. LAKE STREET, AUTH FLOOR / CHICAGO, IL 60613         1.2,4       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1001 / CHICAGO, IL 60613<!--</td--></td></t<></td></td></t<> | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>1 PROVIDE HA<br>2 PROVIDE HA<br>2 PROVIDE BA<br>MUST BE A<br>IS NOT POS<br>4 CONDENSA<br>MUST BE A<br>IS NOT POS<br>4 SECTION IV  | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>AL ROOM COULS 16 33.6 12<br>CHW AL ROOM COULS 16 33.6 12<br>EXPANSION 16 33.6 12<br>CHW & HW NA 5 12<br>ELADDER TYPE<br>WED AND TESTED.<br>TH BLUE LINE SIGHT GAUGE<br>CONTRUCTION CONTRUCTION<br>ATON NATL GAS INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER WTR LEAVG<br>NATON NATL GAS INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER WTR LEAVG<br>ATON NATL GAS INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER VIEW INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER VIEW INFUT OUTPU ENTER WTR LEAVG<br>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT OUTPU<br>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT OUTPU<br>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT ENTER<br>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT ENTER<br>INFUT OUTPU ENTER INFUT OUTPU ENTER INFUT ENTER<br>INFUT OUTPUE ONDERSATE DRAIN SHOULD BE INSTALLED BELOW<br>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW POINTS IN THE FLUE ESYSTEM<br>ING OF THE DRAIN HOSE IS NOT POSSIBLE THE CONDENSATE NEUTRAL<br>INFO OUTPUE ONDERSATE DRAIN SHOULD BE INSTALLED BELOW<br>VOIDED. THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW POINTS IN THE FLUE ESYSTEM<br>ING OF THE DRAIN HOSE IS NOT POSSIBLE THE CONDENSATE NEUTRAL<br>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW POINTS IN THE FLUE ESYSTEM<br>ING OF THE DRAIN HOSE IS NOT POSSIBLE THE CONDENSATE NEUTRAL<br>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER. LOW RE<br>ISTALLOW THE CONDENSATE TO RUN BACK TO THE BOLLER AS APPROVED<br>AND CASE PRESSURE REGULATOR SIZE FOR BOLLER. AS APPROVED<br>AND ACCE AND INTER CONDENS INT AND COMBUSTION AR   | 10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP       180         0% PROP   
   
  | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE       VALVE<br>SETING<br>(PS)       VOLTS         60       160       208         60       160       208         60       160       208         10       PROVIDE 0         9       ALTERNA<br>615 MODE         10       PROVIDE 0         10       PROVIDE 0         11       PROVIDE 0         12       13         21       14         70 HD       15         16       16   | DELL A       1, 2, 3         BELL &       1, 2, 3         BELL &       1, 2, 3         IEPTUNE VTF-       -         5       -         CTRICAL DATA       -         PHASE       FULL LOAD         AMPS       V         3       7.4         3       7.4         3       7.4         3       7.4         SONDENSATE DRAINAGE FOR INAGE FOR INFACTURE FOR INAGE FOR INAGE FOR INFACTURE FOR INFACTURE FOR INAGE FOR INFACTURE FOR  
   | PERATG       MANFRS & MODEL NO.         //EIGHT       MANFRS & MODEL NO.         (LBS)       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         MODEL CFC 1000       DOELS AS APPROVED BY CPS: BL         SYSTEM WITH NEUTRALIZER SUPF       UMBING FLOOR DRAIN.         OLA TION PADS UNDER BOILERS.       DOELS AS APPROVED BY CPS: BL  | UH-1 IST FL IST    | M 15<br>N ECH 15<br>D TEMPERATURE CONT   | 120       1         120       1         ROL SPECIFICATIO         GENERA         UNIT         HEATER       LC         TAG       1         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         PU       1         NOTES:       1         1       ELECT         2       THE M         3       THE E         4       -         NOTES:       1         1       ELECT         2       THE M         3       THE E         4       -         RP-1       R         RP-2       R         RP-3       S         RP-6       -         1       SI         1       SI         2       R         3       R   
  | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     CATION     POWER       CATION     POWER     NPUT (KW)       FLOOR     7.5       OCATION     GPM       N     N       SHOWER     0.35       IST FLR     0.35       GIRLS     0.12       SHOWER     0.12       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOWER     0.23       SHOP FLR     0.23       OCATION CELING PANELS       CADIANT CELING PANELS   
  | 08     NA       08     NA       CONTROL REQUIRE       CONTROL REQUIRE       ACITY       HEATING       CAPACITY       HEATING       CAPACITY       (MBH)       25.6       24       0.00000000000000000000000000000000000  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .0.0         .7       .0.0         .7   
   .0.0         .7       .0.0     <   | 120       550       V         120       550       V         120       550       V         120       550       V         A       V       V         A       MANFR & MODEL NO       MODEL NO         1/30       BERKO HUHAA720       BERKO HUHAA720         1/30       BERKO HUHAA720       HUHAA720         1/30       HUHAA720       HUHA720 </td <td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I      <t< td=""><td>EXPOSED       NOTE 1       UNIT 1         EXPOSED       NOTE 1       HORIZ         EXPOSED       NOTE 1       HORIZ         ISONTING       CONTROLS       RE         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       INTEGRAL       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       HEFNOSTAT       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         NODEL NO.       REMA       INTEGRAL         JRER       MODEL NO.       REMA         IG       HEF-2       1, 2         IG       HEF-2</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         HEATER       OF MY KNOWLEDGE AND BELIEF CONFORM AND         CONTAL       OF MY KNOWLEDGE AND BELIEF CONFORM AND         COMPLY WITH THE REQUIREMENTS OF THE       CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON         PROFESSIONAL ENGINEER       062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPARETINO DATE: NOVEMBER 30, 2013         MARKS       1.2,3         MARKS       4720 N. Virginia Ave.         1.2,3       Chicago, Illinois 60625         1.2,3       STEDESIGN GROUP, LTD.         30 W. JACKSON BLVD, ATH FLOOR / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN
AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         201 W. LAKE STREET, AUTH FLOOR / CHICAGO, IL 60613         1.2,4       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1001 / CHICAGO, IL 60613<!--</td--></td></t<></td>   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I <t< td=""><td>EXPOSED       NOTE 1       UNIT 1         EXPOSED       NOTE 1       HORIZ         EXPOSED       NOTE 1       HORIZ         ISONTING       CONTROLS       RE         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       INTEGRAL       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       HEFNOSTAT       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         NODEL NO.       REMA       INTEGRAL         JRER       MODEL NO.       REMA         IG       HEF-2       1, 2         IG       HEF-2</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         HEATER       OF MY KNOWLEDGE AND BELIEF CONFORM AND         CONTAL       OF MY KNOWLEDGE AND BELIEF CONFORM AND         COMPLY WITH THE REQUIREMENTS OF THE       CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON         PROFESSIONAL ENGINEER       062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPARETINO DATE: NOVEMBER 30, 2013         MARKS       1.2,3         MARKS       4720 N. Virginia Ave.         1.2,3       Chicago, Illinois 60625         1.2,3       STEDESIGN GROUP, LTD.         30 W. JACKSON BLVD, ATH FLOOR / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         201 W. LAKE STREET, AUTH FLOOR / CHICAGO, IL 60613         1.2,4       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1001 / CHICAGO, IL 60613<!--</td--></td></t<>   | EXPOSED       NOTE 1       UNIT 1         EXPOSED       NOTE 1       HORIZ         EXPOSED       NOTE 1       HORIZ         ISONTING       CONTROLS       RE         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       INTEGRAL       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         DUNTING       HEFNOSTAT       INTEGRAL         IG OR WALL       2-STAGE       INTEGRAL         NODEL NO.       REMA       INTEGRAL         JRER       MODEL NO.       REMA         IG       HEF-2       1, 2         IG       HEF-2   | CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         HEATER       OF MY KNOWLEDGE AND BELIEF CONFORM AND         CONTAL       OF MY KNOWLEDGE AND BELIEF CONFORM AND         COMPLY WITH THE REQUIREMENTS OF THE       CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON         PROFESSIONAL ENGINEER       062-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPARETINO DATE: NOVEMBER 30, 2013         MARKS       1.2,3         MARKS       4720 N. Virginia Ave.         1.2,3       Chicago, Illinois 60625         1.2,3       STEDESIGN GROUP, LTD.         30 W. JACKSON BLVD, ATH FLOOR / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 60605         1.2,3       SITE DESIGN GROUP, LTD.         201 W. LAKE STREET, AUTH FLOOR / CHICAGO, IL 60613         1.2,4       SITE DESIGN GROUP, LTD.         888 S. MICHIGAN AVE, SUITE 1001 / CHICAGO, IL 60613 </td   
  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2 3<br>4 1       | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>HANICAL ROOM                   | IN THE FIEL D.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>140<br>CHW<br>COOLING<br>140<br>CHW<br>COOLING   | ARATOR SCHEDULE  | RER         MODEL NO.         REMARKS           I         I.2,3           I         I.2,3  
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>4<br>BOILER<br>TAG<br>B-1 1ST FLR B<br>B-2 1ST FLR B<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE HA<br>2 PROVIDE BA<br>1 PROVIDE FL<br>3 PROVIDE FL<br>3 PROVIDE FL<br>3 PROVIDE FL<br>3 PROVIDE FL<br>3 PROVIDE FL<br>3 SYSTEM ML<br>CONDENSA<br>THAT KINKI<br>LEVEL OF T<br>5 PROVIDE NA<br>7 PROVIDE NA<br>7 PROVIDE NA<br>5 SECTION IV   
   | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>AL ROOM CHW & HW<br>AL ROOM COUNG<br>EXPANSION 16 33.6 12<br>AL ROOM CHW & HW<br>AL ROOM OHW & HW<br>AL ROOM<br>OHW & HW<br>AL ROOM OHW & HW<br>AL ROOM<br>HE END<br>HE BLADDER TYPE<br>WHED AND TESTED.<br>THE BLUE LINE SIGHT GAUGE  | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP       180         10% PROP       180         0% PROP   
  | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE       VOLTS         SSURE       XALVE<br>SSURE       VOLTS         60       160       208         60       160       208         60       160       208         10       PROVIDE 0         BOILER M       615 MODE         10       PROVIDE 0         11       PROVIDE 0         PROVIDE 1       10         JE       11         RE       11         MY       12         JE       14         ROVED       15         16       15  | DELL A<br>SOSSETT DV<br>BELL &<br>I, 2, 3<br>BELL &<br>I, 2, 3<br>IEPTUNE VTF-<br>5<br>CTRICAL DATA<br>PHASE FULL LOAD OF<br>AMPS<br>0<br>3<br>7.4<br>3<br>7.4<br>3<br>7.4<br>1<br>EMANUFACTURERS & M<br>240, AERCO KC-1000 G<br>CONDENSA TE DRAINAGE S<br>ANUFACTURER. PIPE TO PI<br>NEOPHRENE VIBRATION IS   
   | PERATG<br>/EIGHT<br>/EIGHT<br>/LIBS)<br>2600<br>2600<br>2600<br>2600<br>2600<br>2600<br>2002<br>2600<br>2002<br>2600<br>2002<br>2003<br>2004<br>2004<br>2004<br>2005<br>2005<br>2005<br>2005<br>2005  
   | UH-1 IST FL IST    | M 15<br>R MECH 15<br>D TEMPERATURE CONT  | 120       1         120       1         120       1         ROL SPECIFICATIO         GENERA         UNIT         HEATER       LC         TAG       1ST         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         PL       1ST         RP-4       2         RP-3       2         RP-6       2         1       SI         1       SI         RP-6       2         1       SI         1       SI         RP-6       2         1       SI         1       SI         RP-6       2   
  | I.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     INPUT       NS AND SHEET M6.6 FOR     INPUT       AL     CATION       POWER     INPUT (KW)       CATION     POWER       IFLOOR     7.5       IST FLR     0.35       OCA TION     GPM       IST FLR     0.35       IST FLR     0.12       SHOWER     0.12       SHOWER     0.12       SHOWER     0.12       SHOWER     0.23       IST FLR     0.23       SHOWER     0.23       SHOFLR     0.23       ON FLR     0.23       BOYS     1.40  | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6   
  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATER         FAN DAT         S       AIR<br>VOLUME<br>(CFM)       NO.         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         9       650       1         10       EXPANEL SCH         XY AND CONNECTIONS.       0         T FANEL SCH       OU         SQ 291       3         20       291       3         20       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2  
  | 120       550       V         120       550       V         120       550       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720         1/31       VIDTH         1/32       24         3492       24         3492       24         328       24         328       24         328       24         328       24         328       24         328       24  
  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I <t< td=""><td>EXPOSED NOTE 1 UNIT 1   EXPOSED NOTE 1 HORIZ   EXPOSED NOTE 1 HORIZ   TDATA CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING LONTING INTEGRAL   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   JRER MODEL NO. REMA   IG HEF-2 1, 2   IG HEF-2 1, 2</td><td>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI<br/>/ OR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         12.3       ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       INC.         1.2.3       INC IN PARTICLE, INC<br/>Architecture Restoration Design<br/>OCALAGO, IL BORDA<br/>WWW.tripartiteinc.com         1.2.3       MATRIX ENGINEERING CORPORATION<br/>33 W.JACKSON BLVD, 4TH FLOOR / CHICAGO, IL BORDA<br/>STRUCTURAL ENGINEERING         1.2.3       MATRIX ENGINEERING CORPORATION<br/>33 W.JACKSON BLVD, 4TH FLOOR / CHICAGO, IL BORDA<br/>STRUCTURAL ENGINEERING         1.2.3       MATRIX ENGINEERING, LTD.<br/>225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL BORDA<br/>STRUCTURAL ENGINEERING, LTD.<br/>225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL BORDA<br/>DUALITY CONTROL, LOW VOLTAGE, SECURITY, FIRE ALARM<br/>HJ KESSLER ASSOCIATES<br/>3660 NLARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br/>31 BORTER AVE, JEINEE MARK, LEGNO<br/>DOOR SECURITY SOLUTIONS<br/>718 FORTER AVE, JEINE MALL, L. BOTOD<br/>HARDWARE CONSULTANT         3       EDGE ASSOCIATES, INC<br/>320 M.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br/>33 M.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br/>34 DOSC PARTICLES, INC<br/>320 M.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br/>3718 FORTER AVE, JEINES MARCHARM<br/>118 FOSTER AVE, JEINES MARCHARM<br/>13 BORD N.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br/>34 DOSC SERVICES</td></t<> | EXPOSED NOTE 1 UNIT 1   EXPOSED NOTE 1 HORIZ   EXPOSED NOTE 1 HORIZ   TDATA CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING LONTING INTEGRAL   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   JRER MODEL NO. REMA   IG HEF-2 1, 2  | CONTAL<br>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI<br>/ OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045         12.3       ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       INC.         1.2.3       INC IN PARTICLE, INC<br>Architecture Restoration Design<br>OCALAGO, IL BORDA<br>WWW.tripartiteinc.com         1.2.3       MATRIX ENGINEERING CORPORATION<br>33 W.JACKSON BLVD, 4TH FLOOR / CHICAGO, IL BORDA<br>STRUCTURAL ENGINEERING         1.2.3       MATRIX ENGINEERING CORPORATION<br>33 W.JACKSON BLVD, 4TH FLOOR / CHICAGO, IL BORDA<br>STRUCTURAL ENGINEERING         1.2.3       MATRIX ENGINEERING, LTD.<br>225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL BORDA<br>STRUCTURAL ENGINEERING, LTD.<br>225 W. OHIO STREET, 4TH FLOOR / CHICAGO, IL BORDA<br>DUALITY CONTROL, LOW VOLTAGE, SECURITY, FIRE ALARM<br>HJ KESSLER ASSOCIATES<br>3660 NLARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br>31 BORTER AVE, JEINEE MARK, LEGNO<br>DOOR SECURITY SOLUTIONS<br>718 FORTER AVE, JEINE MALL, L. BOTOD<br>HARDWARE CONSULTANT         3       EDGE ASSOCIATES, INC<br>320 M.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br>33 M.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br>34 DOSC PARTICLES, INC<br>320 M.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br>3718 FORTER AVE, JEINES MARCHARM<br>118 FOSTER AVE, JEINES MARCHARM<br>13 BORD N.LARE SHORE DRIVE, SUITE 501 / CHICAGO, IL BORDA<br>34 DOSC SERVICES  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB. | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>HANICAL ROOM                   | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>SYSTEM<br>SERVED<br>KATE<br>(GPM<br>V HEATING<br>140<br>CHW<br>200<br>CHW<br>200  | ARATOR SCHEDULE  | Image: second system       Image: second system         RER       MODEL NO.       REMARKS         Image: second system       Image: second system       Image: second system         Image: second system       Image: second system       Image: second system       Image: second system         Image: second system       Image: second system       Image: second system       Image: second system       Image: second system         Image: second system       Image: second sys   
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2 MECHANICA<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>1 ST FLR B<br>B-2 1ST FLR B<br>B-2 1ST FLR B<br>B-2 1ST FLR B<br>1 PROVIDE FL<br>3 CONDENSA<br>MUST BE A'<br>IS NOT POS<br>4 CONDENSA<br>MUST BE A'<br>IS NOT POS<br>6 PROVIDE FN<br>7 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M  
   | AL ROOM EXPANSION 16 33.6 12<br>TANK COW COUNS<br>EXPANSION 16 33.6 12<br>AL ROOM COW 8 HW AN 5 12<br>ENADDER TYPE<br>WEED AND TESTED<br>THELLER INF SIGHT GAUGE<br>THELLE LINE SIGHT GAUGE<br>THELLE LINE SIGHT GAUGE<br>CON<br>ATION NATI. GAS<br>NUCL 1000 960 120 150 C<br>30LER RM 14 NVC 1000 960 120 150 C  | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         10       125         5       10         10       125         5       10         10       125         5       10         10       125         5       10         10       125         10       125         10       125         10       125         110       125         110       125         110       125         110       125         111       125         112       180         1130       125         114       180         115       114         116       115         117       118         118       110         119       112         110       112   
  | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE       CHW       N         SSURE       SETING<br>(PS)       VOLTS         60       160       208         60       160       208         60       160       208         60       160       208         110       PROVIDE I         SE       11       PROVIDE I         SE       11       PROVIDE I         SE       12       I         I       13       I         I       16       I         I       16       I         I       16       I  | DELL A<br>SOSSETT DV<br>BELL &<br>SOSSETT DV<br>IEPTUNE VTF-<br>5<br>1, 2, 3<br>IEPTUNE VTF-<br>5<br>1, 2, 3<br>IEPTUNE VTF-<br>5<br>1<br>IEPTUNE VTF-<br>5<br>1<br>IEDATA<br>PHASE<br>FULL LOAD OF<br>AMPS<br>V<br>3<br>7.4<br>3<br>7.4<br>3<br>7.4<br>1<br>IEMANUFACTURERS & M<br>240, AERCO KC-1000 G<br>CONDENSA TE DRAINA GE<br>ANUFACTURER. PIPE TO PI<br>NEOPHRENE VIBRA TION IS  
   | PERATG       MANFRS & MODEL NO.         /EIGHT       MANFRS & MODEL NO.         2600       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         2600       CLEAVER - BROOKS         300ELS AS APPROVED BY CPS: BUNDER         SYSTEM WITH NEUTRALIZER SUPF         UMBING FLOOR DRAIN.         OLATION PADS UNDER BOILERS.  
   | UH-2<br>IST FL<br>PNOTES:<br>1<br>REFER T<br>2<br>3<br>4<br>4  |  | 120       1         120       1         120       1         ROL SPECIFICATIO         GENER/         UNIT         HEATER       LC         TAG       1         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         PL       1ST         RP-4       2         RP-3       2         RP-4       2         RP-5       2         RP-6       2         1       SI         1       SI         1       SI         RP-4       2         RP-3       2         RP-4       2         RP-5       2         RP-6       2         1       SI         3       R         3       R   
  | 1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       NS         NS AND SHEET M6.6 FOR       POWER         CATION       POWER         I FLOOR       7.5         I FLOOR       0.35         I ST FLR       0.35         I ST FLR       0.12         SHOWER       0.12         SHOWER       0.23         I ST FLR       0.23         SHOWER       0.23         SHOWER       0.23 <td< td=""><td>ACITY<br/>HEATING<br/>CAPACITY<br/>HEATING<br/>CAPACITY<br/>(MBH)<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6</td><td>150       0.30       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATEF         FAN DAT         AIR         YOLUME       NO.         3       650       1         3       650       1         3       650       1         3       650       1         3       650       1         3       650       1         3       650       1         CONTRACTOR.       AND RACEWAY.         AND CONNECTIONS.       1         CONTRACTOR.       OIL         AND RACEWAY.       OIL         AY AND CONNECTIONS.       0IL         T (F)       BTUH PER LIN FT #       OIL         SQ.       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20<td>120       550       V         120       550       V         120       550       V         A       NO       V         A       MANFR &amp; MODEL NO       MODEL NO         1/30       BERKO HUHAA720       BERKO HUHAA720         1/30       BERKO HUHAA720       MUHAA720         3492       24       MUHA720         3492       24       MUHA720     &lt;</td><td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I      <t< td=""><td>EXPOSED NOTE 1 UNIT 1   EXPOSED NOTE 1 HORIZ   EXPOSED NOTE 1 HORIZ   INTEGRAL UNIT 1   JUNTING CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   IG OR WALL 1-STAGE INTEGRAL   IG HEF-2 1,2   IG HEF-2</td><td>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI<br/>(OR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         12.3       ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br/>Architecture Restoration Design<br/>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br/>ARCHITER, ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD.4TH FLOOR / CHICAGO, IL 60604         1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60604         2.1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60605<br/>LANDSCHEERING, LLC         2.1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, SUITE 303 / ADDISON, IL 60101<br/>FOOD SERVICES         3.3       ILAKE STREET, SUITE 303 / ADDISON, IL 60101<br/>FOOD SERVICES         3.4</td></t<></td></td></td<>  | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6  
   | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATEF         FAN DAT         AIR         YOLUME       NO.         3       650       1         3       650       1         3       650       1         3       650       1         3       650       1         3       650       1         3       650       1         CONTRACTOR.       AND RACEWAY.         AND CONNECTIONS.       1         CONTRACTOR.       OIL         AND RACEWAY.       OIL         AY AND CONNECTIONS.       0IL         T (F)       BTUH PER LIN FT #       OIL         SQ.       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20 <td>120       550       V         120       550       V         120       550       V         A       NO       V         A       MANFR &amp; MODEL NO       MODEL NO         1/30       BERKO HUHAA720       BERKO HUHAA720         1/30       BERKO HUHAA720       MUHAA720         3492       24       MUHA720         3492       24       MUHA720     &lt;</td> <td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I      <t< td=""><td>EXPOSED NOTE 1 UNIT 1   EXPOSED NOTE 1 HORIZ   EXPOSED NOTE 1 HORIZ   INTEGRAL UNIT 1   JUNTING CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   IG OR WALL 1-STAGE INTEGRAL   IG HEF-2 1,2   IG HEF-2</td><td>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI<br/>(OR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       ILLINOIS<br/>ROBERT B.
HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         12.3       ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br/>Architecture Restoration Design<br/>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br/>ARCHITER, ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD.4TH FLOOR / CHICAGO, IL 60604         1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60604         2.1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60605<br/>LANDSCHEERING, LLC         2.1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, SUITE 303 / ADDISON, IL 60101<br/>FOOD SERVICES         3.3       ILAKE STREET, SUITE 303 / ADDISON, IL 60101<br/>FOOD SERVICES         3.4</td></t<></td>  | 120       550       V         120       550       V         120       550       V         A       NO       V         A       MANFR & MODEL NO       MODEL NO         1/30       BERKO HUHAA720       BERKO HUHAA720         1/30       BERKO HUHAA720       MUHAA720         3492       24       MUHA720         3492       24       MUHA720     <  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         I       9 X 15 X 18         I       I         I       I         I       I         I       I         I       I         I       I   
     I       I         I       I <t< td=""><td>EXPOSED NOTE 1 UNIT 1   EXPOSED NOTE 1 HORIZ   EXPOSED NOTE 1 HORIZ   INTEGRAL UNIT 1   JUNTING CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   IG OR WALL 1-STAGE INTEGRAL   IG HEF-2 1,2   IG HEF-2</td><td>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI<br/>(OR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         12.3       ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>062-040045         1.2.3       IR I P A R T I T E E, INC<br/>Architecture Restoration Design<br/>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br/>Architecture Restoration Design<br/>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br/>ARCHITER, ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD.4TH FLOOR / CHICAGO, IL 60604         1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60604         2.1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60605<br/>LANDSCHEERING, LLC         2.1.2.3       SITE DESIGN GROUP, LTD.<br/>224 W. OHID STREET, SUITE 303 / ADDISON, IL 60101<br/>FOOD SERVICES         3.3       ILAKE STREET, SUITE 303 / ADDISON, IL 60101<br/>FOOD SERVICES         3.4</td></t<>  | EXPOSED NOTE 1 UNIT 1   EXPOSED NOTE 1 HORIZ   EXPOSED NOTE 1 HORIZ   INTEGRAL UNIT 1   JUNTING CONTROLS RE   IG OR WALL 2-STAGE INTEGRAL   DUNTING INTEGRAL 1   IG OR WALL 2-STAGE INTEGRAL   IG OR WALL 1-STAGE INTEGRAL   IG HEF-2 1,2   IG HEF-2  | CONTAL<br>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI<br>(OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045         12.3       ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045         1.2.3       IR I P A R T I T E E, INC<br>Architecture Restoration Design<br>062-040045         1.2.3       IR I P A R T I T E E, INC<br>Architecture Restoration Design<br>062-040045         1.2.3       IR I P A R T I T E E, INC<br>Architecture Restoration Design<br>062-040045         1.2.3       IR I P A R T I T E E, INC<br>Architecture Restoration Design<br>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br>Architecture Restoration Design<br>Warw. tripartiteinc.com         1.2.3       IR I P A R T I T E, INC<br>ARCHITER, ENGINEERING CORPORATION<br>33 W. JACKSON BLVD.4TH FLOOR / CHICAGO, IL 60604         1.2.3       SITE DESIGN GROUP, LTD.<br>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60604         2.1.2.3       SITE DESIGN GROUP, LTD.<br>224 W. OHID STREET, 4TH FLOOR / CHICAGO, IL 60605<br>LANDSCHEERING, LLC         2.1.2.3       SITE DESIGN GROUP, LTD.<br>224 W. OHID STREET, SUITE 303 / ADDISON, IL 60101<br>FOOD SERVICES         3.3       ILAKE STREET, SUITE 303 / ADDISON, IL 60101<br>FOOD SERVICES         3.4  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CON<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RET/<br>THE NEW FAN TO THE EXISTING CURB IS BEING RET/<br>THE NEW FAN TO THE EXISTING CURB. | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SYSTEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H<br>HANICAL ROOM H              | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>SYSTEM<br>SYSTEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING   | ARATOR SCHEDULE  | Image: model no.         REMARKS           RER         MODEL NO.         REMARKS           Image: model no.         REMARKS  
   | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>1 ST FLR B<br>NOTES:<br>1 PROVIDE H<br>2 PROVIDE H<br>2 PROVIDE B<br>3 PROVIDE FL<br>3 SECTION IV  
                                  | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>COW<br>COULNG<br>EXPANSION 16 33.6 12<br>TANK<br>AL ROOM COULST<br>TANK<br>AL ROOM POT FEEDER NA<br>AL ROOM POT FEEDER NA<br>TANK<br>COMPANIESTED.<br>THE JUE LINE SIGHT GAUGE<br>THE BLUE LINE SIGHT GAUGE<br>THE BLUE LINE SIGHT GAUGE<br>CON<br>ATON NATL GAS<br>INFUT OUTPUT<br>MAXMIN MEL<br>THE JUE LINE SIGHT GAUGE<br>CON<br>ATON NATL GAS<br>INFUT OUTPUT<br>MAXMIN CON 00 960 120 150 2<br>30LER RM 14 IN WC 1000 960 120 150 2<br>30LER RM 14 IN WC 1000 960 120 150 2<br>30LER RM 14 IN WC 1000 960 120 150 2<br>30LER RM 14 IN WC 1000 960 120 150 2<br>30LER RM 14 IN WC 1000 960 120 150 2<br>30LER RM 14 IN WC 1000 960 120 150 2<br>30LER RM 15 IN WC 1000 960 120 150 2<br>30LER RM 15 IN WC 1000 960 120 150 2<br>30LER RM 16 IN WC 1000 960 120 150 2<br>30LER RM 16 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 16 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 16 IN WC 1000 960 120 150 2<br>30LER RM 16 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 16 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 960 120 150 2<br>30LER RM 17 IN WC 1000 100 100 100 100 100 100 100 100 1  | 10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP       180         180       10         180       10         180       10         180       10         120 ER MANUFACTURER.THE FL         100 M B INCH DIAMETER), CODE AP         100 H DIAMETER), CODE AP <td>50     90     HOI<br/>WATER     G       50     90     CHW<br/>WATER     G       50     90     CHW<br/>WATER     N       NA     NA     CHW<br/>HW     N       NA     NA     CHW<br/>HW     N       SCHEDULE     ELEC     N       NORKG     RELIEF<br/>VALVE<br/>SETTING<br/>(PSI)     Volts       60     160     208       60     160     208       60     160     208       60     160     208       60     160     208       60     160     208       10     PROVIDE O<br/>BOLE M       11     PROVIDE O<br/>SETTING       13     1       13     1       14     1       15     1       16     1       16     1</td> <td>DELL &amp;<br/>SOSSETT DV       1, 2, 3         BELL &amp;<br/>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br/>5       -         5       -         PHASE       FULL LOAD<br/>AMPS         PHASE       FULL LOAD<br/>AMPS         3       7.4         3       7.4         3       7.4         SONDENSATE DRAINAGE SANUFACTURER. PIPE TO PIPE<br/>ANUFACTURER. PIPE TO PIPE         NEOPHRENE VIBRATION IS         MEOPHRENE VIBRATION IS         MEOPHRENE VIBRATION IS</td> <td>PERATG     MANFRS &amp; MODEL NO.       Z600     CLEAVER - BROOKS       Z700     FLOOR DRAIN.       Z700     Z700       Z700     Z700   &lt;</td> <td>UH-1 IST FL F UH-2 IST FL F NOTES: 1 REFER T 2 3 4 U I I I I I I I I I I I I I I I I I I</td> <td>M       10         RMECH       15         D TEMPERATURE CONT         Image: Content of the second s</td> <td>120       1         120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         TAG       1         EUH-1       1S<sup>T</sup>         EUH-2       1S<sup>T</sup>         EUH-3       1S<sup>T</sup>         FUH-3       1S<sup>T</sup>         PU       1         NOTES:       1         1       ELECT         2       THE M         3       THE E         4       -         TAG       L         RP-1       6         RP-1       6         RP-3       6         RP-4       6         RP-5       7         RP-6       7         S       CO         OTAI       C</td> <td>1.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR       CATION     POWER       IL     CAT       CATION     POWER       IFLOOR     7.5       IFLOOR     7.5       IFLOOR     7.5       IFLOOR     7.5       IFLOOR     7.5       IST FLR     0.35       OCA TION     GPM       IST FLR     0.35       SHOWER     0.12       SHOWER     0.12       SHOWER     0.23       IST FLR     0.23       SHOWER     0.23       S</td> <td>08     NA       08     NA       08     NA       CONTROL REQUIRE       CONTROL REQUIRE       ACITY       HEATING       CAPACITY       HEATING       CAPACITY       (MBH)       25.6       24       0.00       000       000       000       000       000       000       010       010       010       010       010       010       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110   <td>150       0.30       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7&lt;</td><td>120       550       V         120       550       V         120       550       V         120       550       V         A       MANFR &amp; MODEL NO         1/30       BERKO HUHAA720         1/31       WIDTH (INCH)         3492       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24</td><td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         E       UNI         CABINET SIZE<br/>(INCHES) (D X<br/>W X H)       MX         0       8 X 19 X 22       CEILIN<br/>MR         144       AIRTEX         48       AIRTEX         96       AIRTEX    </td><td>EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       TDATA     CONTROLS     RE       IG OR WALL<br/>DUNTING     CONTROLS     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     HEF-2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     HEF-2     1.2       IG HEF-2     1.2     1.2       IG HEF-2     1.2&lt;</td><td>CONTAL         HEATER         THESE DRAWINGS HAVE BEEN PREPARED AT AMI<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS         ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         EXPIRATION DATE: NOVEMBER 30, 2013         TRIPARTIC AND ATE: NOVEMBER 30, 2013         TRIPARTIC AND ATE: NOVEMBER 30, 2013         MARKS         12,3         MATRIX ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80604         STRUCTURAL ENGINEERING<br/>STRUCTURAL ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80605         12,3         MATRIX ENGINEERING, CORPORATION<br/>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80605         12,3         STEE DESIGN GROUP, LTD.<br/>B88 5. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 80605         12,3         STEREA ENGINEERING, LLC<br/>225 W. OHIO STREET, ATH FLOOR / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br/>2217 N.
WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br/>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br/>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LLC<br/>30 E. AADAMS ST. SUITE 100 / CHICAGO, IL 80605         CALOR STOCE ORIVE, SUITE 501 / CHICAGO, IL 60601         CODE SERVICES         3000 NLAKE SHORE DRIVE, SUITE 501 / CHICAGO, IL 606013</td></td>   | 50     90     HOI<br>WATER     G       50     90     CHW<br>WATER     G       50     90     CHW<br>WATER     N       NA     NA     CHW<br>HW     N       NA     NA     CHW<br>HW     N       SCHEDULE     ELEC     N       NORKG     RELIEF<br>VALVE<br>SETTING<br>(PSI)     Volts       60     160     208       60     160     208       60     160     208       60     160     208       60     160     208       60     160     208       10     PROVIDE O<br>BOLE M       11     PROVIDE O<br>SETTING       13     1       13     1       14     1       15     1       16     1       16     1   | DELL &<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br>5       -         5       -         PHASE       FULL LOAD<br>AMPS         PHASE       FULL LOAD<br>AMPS         3       7.4         3       7.4         3       7.4         SONDENSATE DRAINAGE SANUFACTURER. PIPE TO PIPE<br>ANUFACTURER. PIPE TO PIPE         NEOPHRENE VIBRATION IS         MEOPHRENE VIBRATION IS         MEOPHRENE VIBRATION IS  
  | PERATG     MANFRS & MODEL NO.       Z600     CLEAVER - BROOKS       Z700     FLOOR DRAIN.       Z700     Z700       Z700     Z700   <   | UH-1 IST FL F UH-2 IST FL F NOTES: 1 REFER T 2 3 4 U I I I I I I I I I I I I I I I I I I   | M       10         RMECH       15         D TEMPERATURE CONT         Image: Content of the second s                  | 120       1         120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         TAG       1         EUH-1       1S <sup>T</sup> EUH-2       1S <sup>T</sup> EUH-3       1S <sup>T</sup> FUH-3       1S <sup>T</sup> PU       1         NOTES:       1         1       ELECT         2       THE M         3       THE E         4       -         TAG       L         RP-1       6         RP-1       6         RP-3       6         RP-4       6         RP-5       7         RP-6       7         S       CO         OTAI       C   
   | 1.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR       CATION     POWER       IL     CAT       CATION     POWER       IFLOOR     7.5       IFLOOR     7.5       IFLOOR     7.5       IFLOOR     7.5       IFLOOR     7.5       IST FLR     0.35       OCA TION     GPM       IST FLR     0.35       SHOWER     0.12       SHOWER     0.12       SHOWER     0.23       IST FLR     0.23       SHOWER     0.23       S  
   | 08     NA       08     NA       08     NA       CONTROL REQUIRE       CONTROL REQUIRE       ACITY       HEATING       CAPACITY       HEATING       CAPACITY       (MBH)       25.6       24       0.00       000       000       000       000       000       000       010       010       010       010       010       010       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110       0110 <td>150       0.30       2         150       0.56       2         MENTS.      </td> <td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7&lt;</td> <td>120       550       V         120       550       V         120       550       V         120       550       V         A       MANFR &amp; MODEL NO         1/30       BERKO HUHAA720         1/31       WIDTH (INCH)         3492       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24</td> <td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         E       UNI         CABINET SIZE<br/>(INCHES) (D X<br/>W X H)       MX         0       8 X 19 X 22       CEILIN<br/>MR         144       AIRTEX         48       AIRTEX         96       AIRTEX    </td> <td>EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       EXPOSED     NOTE 1     HORIZ<br/>UNIT I       TDATA     CONTROLS     RE       IG OR WALL<br/>DUNTING     CONTROLS     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     I       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     1.2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     HEF-2     1.2       IG OR WALL<br/>DUNTING<br/>RACKET     HEF-2     1.2       IG HEF-2     1.2     1.2       IG HEF-2     1.2&lt;</td> <td>CONTAL         HEATER         THESE DRAWINGS HAVE BEEN PREPARED AT AMI<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS         ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         EXPIRATION DATE: NOVEMBER 30, 2013         TRIPARTIC AND ATE: NOVEMBER 30, 2013         TRIPARTIC AND ATE: NOVEMBER 30, 2013         MARKS         12,3         MATRIX ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80604         STRUCTURAL ENGINEERING<br/>STRUCTURAL ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80605         12,3         MATRIX ENGINEERING, CORPORATION<br/>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80605         12,3         STEE DESIGN GROUP, LTD.<br/>B88 5. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 80605         12,3         STEREA ENGINEERING, LLC<br/>225 W. OHIO STREET, ATH FLOOR / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br/>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br/>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br/>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LLC<br/>30 E. AADAMS ST. SUITE 100 / CHICAGO, IL 80605         CALOR STOCE ORIVE, SUITE 501 / CHICAGO, IL 60601         CODE SERVICES         3000 NLAKE SHORE DRIVE, SUITE 501 / CHICAGO, IL 606013</td>  | 150       0.30       2         150       0.56       2         MENTS.  
  | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7<   | 120       550       V         120       550       V         120       550       V         120       550       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720         1/31       WIDTH (INCH)         3492       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24  
   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         E       UNI         CABINET SIZE<br>(INCHES) (D X<br>W X H)       MX         0       8 X 19 X 22       CEILIN<br>MR         144       AIRTEX         48       AIRTEX         96       AIRTEX  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     CONTROLS     RE       IG OR WALL<br>DUNTING     CONTROLS     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     I       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     I       IG OR WALL<br>DUNTING<br>RACKET     1.2     1.2       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     I       IG OR WALL<br>DUNTING<br>RACKET     1.2     1.2       IG OR WALL<br>DUNTING<br>RACKET     1.2     1.2       IG OR WALL<br>DUNTING<br>RACKET     HEF-2     1.2       IG OR WALL<br>DUNTING<br>RACKET     HEF-2     1.2       IG HEF-2     1.2     1.2       IG HEF-2     1.2<   | CONTAL         HEATER         THESE DRAWINGS HAVE BEEN PREPARED AT AMI<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS         ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045         EXPIRATION DATE: NOVEMBER
30, 2013         TRIPARTIC AND ATE: NOVEMBER 30, 2013         TRIPARTIC AND ATE: NOVEMBER 30, 2013         MARKS         12,3         MATRIX ENGINEERING CORPORATION<br>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80604         STRUCTURAL ENGINEERING<br>STRUCTURAL ENGINEERING CORPORATION<br>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80605         12,3         MATRIX ENGINEERING, CORPORATION<br>33 W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80605         12,3         STEE DESIGN GROUP, LTD.<br>B88 5. MICHIGAN AVE, SUITE 1000 / CHICAGO, IL 80605         12,3         STEREA ENGINEERING, LLC<br>225 W. OHIO STREET, ATH FLOOR / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LTD.<br>2217 N. WESTERN AVE, JUTE 100 / CHICAGO, IL 80605         CALOR DESIGN GROUP, LLC<br>30 E. AADAMS ST. SUITE 100 / CHICAGO, IL 80605         CALOR STOCE ORIVE, SUITE 501 / CHICAGO, IL 60601         CODE SERVICES         3000 NLAKE SHORE DRIVE, SUITE 501 / CHICAGO, IL 606013  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COT<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB. | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2<br>3<br>4      | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM H<br>HANICAL ROOM H<br>HANICAL ROOM I             | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>SYSTEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING   | ARATOR SCHEDULE  | Image: mail of the system         Image: mail of the system           RER         MODEL NO.         REMARKS           Image: mail of the system         Image: mail of the system         Image: mail of the system           Image: mail of the system         Image: mail of the system         Image: mail of the system         Image: mail of the system           Image: mail of the system         Image: mail of the system         Image: mail of the system         Image: mail of the system  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>LOC<br>B-1 1ST FLR B<br>B-2 1ST FLR B<br>B-2 1ST FLR B<br>NOTES:<br>1 PROVIDE FL<br>2 PROVIDE FL<br>3 SY STEM ML<br>CONDENSA<br>THAT KINKI<br>LEVEL OF T<br>5 PROVIDE FL<br>6 PROVIDE FL<br>3 SY STEM ML<br>CONDENSA<br>THAT KINKI<br>1 PROVIDE FL<br>3 SY STEM ML<br>CONDENSA<br>THAT KINKI<br>1 PROVIDE FL<br>3 SY STEM ML<br>1 CONDENSA<br>THAT KINKI<br>1 PROVIDE FL<br>3 SY STEM ML<br>1 CONDENSA<br>1 SY STEM ML<br>1 CONDENSA<br>1 SY STEM ML<br>1 CONDENSA<br>1 SY STEM ML<br>1 CONDENSA<br>1 SY STEM ML<br>1 SY STEM SY  | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>OHW<br>COULING<br>BPANSION 16 33.6 12<br>AL ROOM POT FREDER<br>AL ROOM POT FREDER<br>AL ROOM OHW & HW<br>POT FREDER<br>NA 5 12<br>ELADDER TYPE<br>WED AND TESTED<br>TH BLUE LINE SIGHT GAUGE<br>TH BLUE LINE SIGHT GAUGE<br>TH BLUE LINE SIGHT GAUGE<br>CON<br>ATTON CAPACITY LINE VIEW<br>POT FREDER<br>ATTON CAPACITY OUTPUT THEMP VIEW<br>FOR UNE SIGHT GAUGE<br>CON<br>ATTON RULL AND TO BE SIGHT GAUGE<br>ATTON RULL
AND TO BE SIGHT GAUGE SIGNT AND TO BE ALLOW TO BE SIGNT AND TO BE SIGHT AND TO BE SIGNT AND TO BE SIGHT AND THE CONDENSATE OF AN SIGHT AND COMBUSTON AND FORMER THE SIGHT AND THE CONDENSATE OF AND SIGHT AND COMBUSTON AND FORMER THE SIGHT AND COMBUSTON AND FORMER TO SIZE FOR BOLER, AS A APPROVED BY THE<br>SIGHT ALLOW THE CONDENSATE TO PAIN SIZE FOR BOLER, AS A APPROVE<br>SIGHT AND CAMPUSTON AND FORMER REGULATOR SIZE FOR BOLER, AS A APPROVE<br>SIGHT AND CAMPUSTON AND PAINT AND COMBUSTON AND AR PRIVATANE<br>ANUFACTURER APPROVED VENT AND COMBUSTON AR PRIVAL COMPONENT AND COMBUSTON AR PRIVAL COMPONENT AND COMBUSTON AR PRIVAL AND CAY OF THE DOLER AND PAINT AND AND AND AND SIGHT AND COMBUSTON AR PRIVAL AND CAY OF TARKE<br>JUL 795, TYPE TH, 160 PSI & 250 F MAX,<br>JUL 795, TYPE TH, 160 PSI & 250 F MAX,   | 10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP       180         180  
   | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>HW       N         NA       NA       CHW<br>HW       N         NA       NA       CHW<br>HW       N         SCHEDULE       CHW<br>SETTING<br>(PS)       Volts         60       160       208         60       160       208         60       160       208         60       160       208         60       160       208         10       PROVIDE 0<br>BOILER M       BOILER M         11       PROVIDE 1       PROVIDE 1         JE       11       PROVIDE 1         JE       11       PROVIDE 1         JE       11       PROVIDE 1         JE       11       PROVID 1         IR       11       PROVID 1         IR       14       PROVID 1         YA       YA       YA  | DELL &<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br>5       .         SOSSETT DV   
   | PERATG     MANFRS & MODEL NO.       2600     CLEAVER - BROOKS<br>MODEL CFC 1000       2700     CLATION PADS UNDER BOLERS.       2014     FOR<br>TON PADS UNDER BOLERS.       2014     FOR<br>TON PRESSURE<br>RATER       2014     FOR<br>TON PRESSURE<br>RATER       2014     FOR<br>TON PRESSURE<br>RATER  | UH-1       F         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       3         4       3         4       3         12,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         UDERUS SB         PLIED BY         JLING         JLING CTOR         Sqft-BTU}         PROPYLENE         GLYCOL (%)   
  | M 15<br>D TEMPERATURE CONT<br>TEMPERATURE CONT<br>NO KW<br>FANS KW T   | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         EUH-1       1S <sup>T</sup> EUH-2       1S <sup>T</sup> EUH-3       1S <sup>T</sup> EUH-3       1S <sup>T</sup> EUH-3       1S <sup>T</sup> RP-1       2         A       3         TAG       L         RP-1       1         RP-2       1         RP-3       2         RP-4       2         RP-5       2         RP-6       2         TAG       1         S       CO         OTAL       NO.  | 1.1     NA     C       1.1     NA     C  
    NS AND SHEET M6.6 FOR       CATION       POWER       INPUT (KW)       FLOOR       7.5       FLOOR       CHANICAL CONTRACTOR       FLOOR       MP RM       7.5       RIC HEATERS ARE PROVE       ECHANICAL CONTRACTOR       ECHANICAL CONTRACTOR       OCA TION       GRLS       1ST FLR       0.35       IST FLR       0.12       SHOWER       0.12   | 00     NA       08     NA       08     NA       CONTROL REQUIRE       CONTROL REQUIRE       ACITY       HEATING       CAPACITY       HEATING       CAPACITY       V       MBH)       25.6       26       27       0       0.00000000000000000000000000000000000  
  | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7<  
  | 120       550       V         120       550       V         120       550       V         ATTI       HP       MANFR & MODEL NO         1/30       BERKO HUHAA720         1/31       MANJ AUT  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         P       0 X 15 X 18         CABINET SIZE<br>(INCHES) (D X<br>W X H)       MX         0       8 X 19 X 22       CEILIN<br>MR         144       AIRTEX         48       AIRTEX         96       AIRTEX         97       DADING       PIP         VIN-       UN-       PIP         VIN-       UN-       PIP   
  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       EXPOSED     NOTE 1     HORIZ<br>UNIT I       TDATA     CONTROLS     Re       IG OR WALL<br>DUNTING     CONTROLS     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     1     1       JRER     MODEL NO.     REMA       IG     HEF-2     1, 2       IG     HEF-2     1, 2       I     I     I       I   | CONTAL<br>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AND<br>'OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REVUISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REVUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       ILLINOIS<br>CATTON DATE: NOVEMBER 30, 2013         MARKS       ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>OCALO40045       ILLINOIS<br>CATTON DATE: NOVEMBER 30, 2013         MARKS       ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>CHICAGO, IL BORGA<br>STRUCTURAL ENGINEERING<br>STRUCTURAL ENGINEERING<br>STRUCTURAL ENGINEERING<br>STRUCTURAL ENGINEERING<br>STRUCTURAL ENGINEERING, LTD.<br>25 W. OHO STREET, 4TH FLOOR / CHICAGO, IL BORGA<br>COMLEMENTARY CHICAGO, IL BORGA<br>COMLEMENTARY CHICAGO, IL BORGA<br>COMLEMENTARY CHICAGO, ILL BORGA<br>COMLEMENTARY CHICAGO, ILL BORGA<br>COMLEMENTARY CHICAGO, ILL BORGA<br>COMLEMENTARY CHICAGO, ILL BORGA<br>COMLEMENTARY SOLUTIONS<br>THE POSTER AVE / BENSENVILLE, IL BOTIO<br>FOO STREVICES         13       DORG SECURITY SOLUTIONS<br>THE ROSTER AVE / BENSENVILLE, IL BOTIO<br>FOO STREVICES         14       SCALE: AS NOTED         PID NOP ACCONSTICS<br>S<br>SOLVILTARE STREET, #FIG / CHICAGO, IL BORGA<br>ACOUSTIC CONSULTANT       DATE<br>1         15       SCALE: AS NOTED         PLOT DATE: 12/13/2012        PBO PRO   |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COL<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>HANICAL ROOM                   | IN THE FIELD.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SYSTEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>140<br>CHW<br>COOLING<br>140<br>CHW<br>COOLING  | ARATOR SCHEDULE  | RER MODEL NO. REMARKS<br>RER MODEL NO. REMARKS<br>RL-4 1,2,3<br>T RL-4 1,2,3<br>T T T T T T T T T T T T T T T T T T T  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>LOC<br>B-1 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>NOTES:<br>1 PROVIDE H<br>2 PROVIDE H<br>2 PROVIDE H<br>3 MUST BE A<br>IS NOT POS<br>4 CONDENSA<br>MUST BE A<br>IS NOT POS<br>4 CONDENSA<br>MUST BE A<br>IS NOT POS<br>8 SECTION IV   
   | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>CHW<br>COULING<br>AL ROOM EXPANSION 16 33.6 12<br>TANK<br>AL ROOM CHW & HW<br>AL ROOM CHW & HW<br>COULD CHW & HW<br>AL ROOM CHW & HW<br>AL ROOM CHW & HW<br>COULD CHW<br>COULD CHW & HW<br>COULD CHW & HW<br>COULD CHW & HW<br>COULD CHW<br>COULD CHW<br>CHW CHW<br>COULD CHW<br>COULD CHW<br>COULD CHW<br>COULD CHW<br>CHW CHW<br>CHW CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW  | 10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TYPE         PENSING BOILER         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP       180         180       10         180       10         122 FR MUST ALLOW THE         MAX       10         122 FR MUST BE INSTALLED IN SUCH AP         100       10         110       1   
  | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       N         NA       NA       CHW<br>HW       N         NA       NA       CHW<br>HW       N         NA       NA       CHW<br>HW       N         SCHEDULE       Volt       K         SORKG       RELIEF<br>VALVE<br>SETTING<br>(PS)       Volt       S         60       160       208         60       160       208         60       160       208         10       PROVIDE<br>BOLER M       M         JE       11       PROVIDE<br>MAY       PROVIDE<br>MAY         11       PROVIDE<br>15       I       I         JE       11       PROVIDE<br>MAY       I       I         MOMINAL<br>COOLING<br>CAPACITY<br>(TONS)       ACTUAL<br>COOLING<br>CAPACITY<br>(TONS)       ENT<br>MACTUAL<br>(TONS)       ENT<br>MACTUAL<br>COOLING<br>CAPACITY       ENT<br>MACTUAL<br>COOLING<br>CAPACITY         100       92.7       I       I       I  | DELL A<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br>5       -         IEPTUNE VTF-   
   | PERATG     MANFRS & MODEL NO.       PERATG     MANFRS & MODEL NO.       PERATG     MANFRS & MODEL NO.       2600     CLEAVER - BROOKS       2600     CLEAVER - BROOKS       MODEL CFC 1000     MODEL CFC 1000       2600     CLEAVER - BROOKS       MODEL CFC 1000     MODEL CFC 1000       2600     CLEAVER - BROOKS       MODEL CFC 1000     MODEL CFC 1000       DOLATION PADS UNDER BOILERS.     MANFRS & MODEL CFC 1000       MARTER     PRESSURE       MARTER     PRESSURE       FLOW     PRESSURE       FLOW     PRESSURE       FLOW     PRESSURE       MARTER     DROP (FT)       FAC     FAC       FLOW     PRESSURE       FLOW     FLOW       FLOW     FLOW       FLOW     FLOW       FLOW     FLOW       FLOW     FLOW       FLOW     FLOW<  | UH-1       F         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       3         4       3         4       3         12,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         UDERUS SB         PLIED BY         JLING         SROPY LENE         GLYCOL (%)         BTU}         0001         30  
  | M       10         RMECH       15         D       TEMPERATURE CONT         NO       KW         R-COOL         CONDENSER FAN         NO       KW         T         7       1.2557   | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         EUH-1       1S <sup>T</sup> EUH-2       1S <sup>T</sup> EUH-3       1S <sup>T</sup> EUH-3       1S <sup>T</sup> EUH-3       1S <sup>T</sup> RP-1       1S <sup>T</sup> A       1         S       THE H         A       1         RP-1       1         RP-2       1         RP-3       2         RP-4       2         RP-5       2         RP-6       2         TAG       1         S       CO         OTAL       NO.         8.79       5  
  | 1.1     NA     C       1.1     NA     C       1.1     NA     C       NS AND SHEET M6.6 FOR     Image: Construction of the second   | 00       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING         VATER       QUARANCIA         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         26.3       WTER         WATER       WTR PE         DROP/1       0.40         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         5HALL BE MANUF   
   | 150       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0 <td< td=""><td>120       550       V         120       550       V         120       550       V         R       SCHEDULE       V         A       MANFR &amp; MODEL NO         1/30       BERKO HUHAA720         1/31       WIDTH (INCH)         3492       24         3492       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24</td><td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         9 X 15 X 18       9         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9         Image: Second Stress of Seco</td><td>EXPOSED NOTE 1 UNIT I<br/>EXPOSED NOTE 1 UNIT I<br/>EXPOSED NOTE 1 HORIZ<br/>UNIT I<br/>EXPOSED NOTE 1 HORIZ<br/>INTEGRAL<br/>IT DATA<br/>DUNTING CONTROLS RE<br/>INTEGRAL<br/>INTEGRAL<br/>THERMOSTAT<br/>IG OR WALL 2-STAGE<br/>INTEGRAL<br/>RACKET I HERMOSTAT<br/>IG OR WALL 2-STAGE<br/>INTEGRAL<br/>THERMOSTAT<br/>IG OR WALL 2-STAGE<br/>INTEGRAL<br/>THERMOSTAT<br/>IG OR WALL 2-STAGE<br/>INTEGRAL<br/>THERMOSTAT<br/>IG OR WALL 2-STAGE<br/>INTEGRAL<br/>THERMOSTAT<br/>IG OR WALL 2-STAGE<br/>INTEGRAL<br/>INTEGRAL<br/>THERMOSTAT<br/>IG OR WALL 2-STAGE<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGRAL<br/>INTEGR</td><td>CONTAL<br/>HEATER         THESE DRAWINGS HAVE BEEN PREPARED AT
AMI<br/>YOR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUIREMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.           ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045         ILLINOIS<br/>EXPIRATION DATE: NOVEMBER 30, 2013           MARKS         TR IP A R T I TEE, MC<br/>Architecture Restoration Dasign<br/>Chicago, Illinois 60625<br/>D: 773-681-0894<br/>www.tripartiteinc.com           12,3         MATRIX ENGINEERING CORPORATION<br/>SI W. JACKSON BUYD, 4TH FLOOR / CHICAGO, IL 60605<br/>CHICAGO DE SIGN<br/>SITE DESIGN GROUP, LTD.<br/>SI W. JACKSON BUYD, 4TH FLOOR / CHICAGO, IL 60605<br/>CHILE ROBINEERING<br/>CALOR DESIGN GROUP, LTD.<br/>225 W. OHIO STREET, ATH FLOOR / CHICAGO, IL 60604<br/>CIVIL ENGINEERING. ICD.<br/>226 W. OHIO STREET, ATH FLOOR / CHICAGO, IL 60604<br/>CIVIL ENGINEERING. IEE FOR POTECTION<br/>TECHKNOW ENGINEERING, LLC<br/>30 CALOR DESIGN GROUP, LTD.<br/>227 M. WESTERN AVE, SUITE 100 / CHICAGO, IL 60603<br/>QUALITY CONTROL, LOW VOLTAGE, SECURITY, FRE ALARM<br/>HJ KESSLER ASSOCIATES<br/>300 N LAKE STREET, MICE 303 / ADDISON, IL 60101<br/>FOOD SERVICES           33         THE SOST AND CHICAGO, IL 60603<br/>AULITY CONTROL, LOW VOLTAGE, SECURITY, FRE ALARM<br/>HJ KESSLER ASSOCIATES<br/>300 NLAKE STREET, MICE 303 / ADDISON, IL 60101<br/>FOOD SERVICES           34         DOOR SECURITY SOLUTIONS<br/>718 FOSTER AVE REST, SUITE 300 / ADDISON, IL 60101<br/>FOOD SERVICES           35         DOOR SECURITY SOLUTIONS<br/>718 FOSTER AVE REST, SUITE 300 / ADDISON, IL 60101<br/>FOOD SERVICES           35         DOOR SECURITY SOLUTIONS<br/>718 FOSTER AVE REST, SUITE 300 / ADDISON, IL 60101<br/>FOOD SERVICES           36         DOOR SECUR</td></td<> | 120       550       V         120       550       V         120       550       V         R       SCHEDULE       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720         1/31       WIDTH (INCH)         3492       24         3492       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24         1164       24   | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         9 X 15 X 18       9         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9         Image: Second Stress of Seco   | EXPOSED NOTE 1 UNIT I<br>EXPOSED NOTE 1 UNIT I<br>EXPOSED NOTE 1 HORIZ<br>UNIT I<br>EXPOSED NOTE 1 HORIZ<br>INTEGRAL<br>IT DATA<br>DUNTING CONTROLS RE<br>INTEGRAL<br>INTEGRAL<br>THERMOSTAT<br>IG OR WALL 2-STAGE<br>INTEGRAL<br>RACKET I HERMOSTAT<br>IG OR WALL 2-STAGE<br>INTEGRAL<br>THERMOSTAT<br>IG OR WALL
2-STAGE<br>INTEGRAL<br>THERMOSTAT<br>IG OR WALL 2-STAGE<br>INTEGRAL<br>THERMOSTAT<br>IG OR WALL 2-STAGE<br>INTEGRAL<br>THERMOSTAT<br>IG OR WALL 2-STAGE<br>INTEGRAL<br>INTEGRAL<br>THERMOSTAT<br>IG OR WALL 2-STAGE<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGRAL<br>INTEGR | CONTAL<br>HEATER         THESE DRAWINGS HAVE BEEN PREPARED AT AMI<br>YOR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUIREMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.           ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045         ILLINOIS<br>EXPIRATION DATE: NOVEMBER 30, 2013           MARKS         TR IP A R T I TEE, MC<br>Architecture Restoration Dasign<br>Chicago, Illinois 60625<br>D: 773-681-0894<br>www.tripartiteinc.com           12,3         MATRIX ENGINEERING CORPORATION<br>SI W. JACKSON BUYD, 4TH FLOOR / CHICAGO, IL 60605<br>CHICAGO DE SIGN<br>SITE DESIGN GROUP, LTD.<br>SI W. JACKSON BUYD, 4TH FLOOR / CHICAGO, IL 60605<br>CHILE ROBINEERING<br>CALOR DESIGN GROUP, LTD.<br>225 W. OHIO STREET, ATH FLOOR / CHICAGO, IL 60604<br>CIVIL ENGINEERING. ICD.<br>226 W. OHIO STREET, ATH FLOOR / CHICAGO, IL 60604<br>CIVIL ENGINEERING. IEE FOR POTECTION<br>TECHKNOW ENGINEERING, LLC<br>30 CALOR DESIGN GROUP, LTD.<br>227 M. WESTERN AVE, SUITE 100 / CHICAGO, IL 60603<br>QUALITY CONTROL, LOW VOLTAGE, SECURITY, FRE ALARM<br>HJ KESSLER ASSOCIATES<br>300 N LAKE STREET, MICE 303 / ADDISON, IL 60101<br>FOOD SERVICES           33         THE SOST AND CHICAGO, IL 60603<br>AULITY CONTROL, LOW VOLTAGE, SECURITY, FRE ALARM<br>HJ KESSLER ASSOCIATES<br>300 NLAKE STREET, MICE 303 / ADDISON, IL 60101<br>FOOD SERVICES           34         DOOR SECURITY SOLUTIONS<br>718 FOSTER AVE REST, SUITE 300 / ADDISON, IL 60101<br>FOOD SERVICES           35         DOOR SECURITY SOLUTIONS<br>718 FOSTER AVE REST, SUITE 300 / ADDISON, IL 60101<br>FOOD SERVICES           35         DOOR SECURITY SOLUTIONS<br>718 FOSTER AVE REST, SUITE 300 / ADDISON, IL 60101<br>FOOD SERVICES           36         DOOR SECUR   |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CO<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAM<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.  | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>3AL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF<br>INED, PROVIDE PREFABRIC<br>UNIT<br>TAG<br>AS-1 MEC<br>AS-2 MEC<br>NOTES:<br>1 PRO<br>2 3<br>4 2       | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>HANICAL ROOM                   | IN THE FIEL D.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SY STEM<br>SERVED<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW                      | ARATOR SCHEDULE  | RER         MODEL NO.         REMARKS           I         I.2,3           T         RL-4         1,2,3   
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>LOC<br>B-1 1ST FLR<br>B-2 STEM<br>NOTES:<br>1 PROVIDE FL<br>CONDENSA<br>MUST BE A<br>IS NOT POSI<br>BREECHING<br>SY STEM ML<br>LEVEL OF T<br>5 PROVIDE BR<br>6 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M<br>7 PROVIDE M  
   | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>O'HW<br>COOLING 16 33.6 12<br>AL ROOM EXPANSION 16 33.6 12<br>AL ROOM CHW & HW<br>COOLING 16 33.6 12<br>AL ROOM CHW & HW<br>ROT FEEDER<br>AL ROOM CHW & HW<br>ROT FEEDER<br>AL ROOM CHW & HW<br>ROT FEEDER<br>TANK<br>AL ROOM CHW & HW<br>ROT FEEDER<br>TANK<br>AL ROOM CHW & HW<br>ROT FEEDER<br>TANK<br>TANK<br>AL ROOM CHW & HW<br>ROT FEEDER<br>THE UNCE<br>THE UNCE<br>TH   | 10       125         10       125         10       125         10       125         10       125         10       125         Comparing BOILER         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP       180         10       125         110       126         0% PROP       180         0% PROP       180         12       180         12       180         12       180         12       180         12       180         12       180         12       180         12       11         13       10         14       10  
  | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE       ELEC<br>VORKG<br>(PS)       Volts         60       160       208         60       160       208         60       160       208         60       160       208         60       160       208         60       160       208         60       160       208         10       PROVIDE 0       BOILER M         LLECT<br>N HOSE       11       PROVIDE 1         2       11       PROVIDE 1         2       13       2         2       13       2         2       16       1         100       92.7       NU   | DELL A<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br>5  
   | FERATG<br>(EGHT<br>(EGHT)     MANFRS & MODEL NO.       2600     CLEAVER - BROOKS<br>MODEL CFC 1000       2010     FLOW<br>FOUNTAINS       2010     FOUNTAIN       2010  | UH-1       F         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       3         4       3         4       3         12,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         UDERUS SB         PLIED BY         JLING         PROPY LENE         SGT         SQ01       30  
  | M       15         TEMPERATURE CONT         D         TEMPERATURE CONT         NO         R-COOL         NO         RANS         KW         T         1.2557   | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         PL       1ST         RP-1       1ST         A       1ST         RP-1       1ST         RP-3       S         RP-4       S         RP-3       S         RP-6       2         RP-6       2         S       CO         OTAL       NO.         8.79       5   
  | 1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       NS         NS AND SHEET M6.6 FOR         NA         AL       CAI         CATION       POWER         IFLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         RIC HEATERS ARE PROVIECT         ECHANICAL CONTRACTOR         OCA TION       GPM         IST FLR       0.35         IST FLR       0.12         SHOWER       0.12         SHOWER       0.23         IST FLR       0.23         IST FLR       0.23         SHOWER       0.23         IST FLR       0.23         IST FLR       0.23         IST FLR       0.23 <td>ACITY<br/>HEATING<br/>CAPACITY<br/>HEATING<br/>CAPACITY<br/>(MBH)<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6<br/>25.6</td> <td>150       0.36       2         150       0.56       2         MENTS.      </td> <td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATEF         FAN DAT         S       VOLUME<br/>(CFM)       NO.         8       650       1         8       650       1         8       650       1         8       650       1         9       650       1         10       AIR<br/>CONTRACTOR.       1         AND RACEWAY.       AND CONNECTIONS.         T       PANEL SCH<br/>SQ.FT       0LIN FT of-<br/>SQ.FT         10       201       291       3         20       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2</td> <td>120       550       V         120       550       V         120       550       V         A       MANFR &amp; MODEL NO         1/30       BERKO HUHAA720         1164       24         2328       24         2328       24         2328       24         10       CARRIER NO.         10<!--</td--><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         Image: State of the state o</td><td>EXPOSEDNOTE 1UNIT 1EXPOSEDNOTE 1HORE<br/>UNIT 1EXPOSEDNOTE 1HORE<br/>UNIT 1TDATAIntermodulationIntermodulationTDATACONTROLSRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATIG OR WALL<br/>DUNTING<br/>RACKET2-STAGE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATIG OR WALL<br/>DUNTING<br/>RACKET2-STAGE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATIG OR WALL<br/>DUNTING<br/>RACKET2-STAGE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATJRER<br/>MODEL NO.RE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>INTEGRAL<br/>INTEGRAL<br/>THERMOSTATJRER<br/>MODEL NO.RE<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>Int</td><td>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AMI<br/>TO RUNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>PROFESSIONAL ENGINEER<br/>OG2-040045<br/>EXPIRATION DATE: NOVEMBER 30, 2013         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>OG2-040045       ILLINO<br/>EXPIRATION DATE: NOVEMBER 30, 2013         I.2.3       IN R I P A R T I T E E, INC<br/>Architecture Restoration Dasign<br/>OG2-040045         1.2.3       IN ARCRIST ENGINEERING CORPORATION<br/>31 W. JACKSON BLVD, 4TH FLOOR CORLAGO, IL BOBOS<br/>LANDSCAPE DESION         12.3       SITE DESIGN GROUP, LTD.<br/>221 N. WESTERN AVE. CHICAGO, IL BOBOS<br/>LANDSCAPE DESION         12.3       SITE DESIGN GROUP, LTD.<br/>225 W. ONID STREET, SUITE 1000 / CHICAGO, IL BOBOS<br/>LANDSCAPE DESION         13.3       TERCHKNOW ENGINEERING, LLC<br/>30 E. JAMMS ST. SUITE 1001 / CHICAGO, IL BOBOS<br/>LANDSCAPE DESION         14.       DOOR SECURITY SOLUTIONS<br/>718 FOSTER AVE / BEINEERMULE, SECURITY, FREALARM<br/>HJ KESSLER ASSOCIATES, INC<br/>220 E. LANE STREET, SUIVE SON / CHICAGO, IL BOBOS<br/>ACOUSTIC CONSULTANT         13       DOOR SECURITY SOLUTIONS<b< td=""></b<></td></td> | ACITY<br>HEATING<br>CAPACITY<br>HEATING<br>CAPACITY<br>(MBH)<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6<br>25.6   
  | 150       0.36       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATEF         FAN DAT         S       VOLUME<br>(CFM)       NO.         8       650       1         8       650       1         8       650       1         8       650       1         9       650       1         10       AIR<br>CONTRACTOR.       1         AND RACEWAY.       AND CONNECTIONS.         T       PANEL SCH<br>SQ.FT       0LIN FT of-<br>SQ.FT         10       201       291       3         20       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2   
  | 120       550       V         120       550       V         120       550       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720         1164       24         2328       24         2328       24         2328       24         10       CARRIER NO.         10 </td <td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         Image: State of the state o</td> <td>EXPOSEDNOTE 1UNIT 1EXPOSEDNOTE 1HORE<br/>UNIT 1EXPOSEDNOTE 1HORE<br/>UNIT 1TDATAIntermodulationIntermodulationTDATACONTROLSRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATIG OR WALL<br/>DUNTING<br/>RACKET2-STAGE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATIG OR WALL<br/>DUNTING<br/>RACKET2-STAGE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATIG OR WALL<br/>DUNTING<br/>RACKET2-STAGE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>INTEGRAL<br/>THERMOSTATJRER<br/>MODEL NO.RE<br/>INTEGRAL<br/>THERMOSTATRe<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>INTEGRAL<br/>INTEGRAL<br/>THERMOSTATJRER<br/>MODEL NO.RE<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>IntegRAL<br/>Int</td> <td>CONTAL<br/>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AMI<br/>TO RUNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE REQUISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>PROFESSIONAL ENGINEER<br/>OG2-040045<br/>EXPIRATION DATE: NOVEMBER 30, 2013         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>OG2-040045       ILLINO<br/>EXPIRATION DATE: NOVEMBER 30, 2013         I.2.3       IN R I P A R T I T E E, INC<br/>Architecture Restoration Dasign<br/>OG2-040045         1.2.3       IN ARCRIST ENGINEERING CORPORATION<br/>31 W. JACKSON BLVD, 4TH FLOOR CORLAGO, IL BOBOS<br/>LANDSCAPE DESION         12.3       SITE DESIGN GROUP, LTD.<br/>221 N. WESTERN AVE. CHICAGO, IL BOBOS<br/>LANDSCAPE DESION         12.3       SITE DESIGN GROUP, LTD.<br/>225 W. ONID STREET, SUITE 1000 / CHICAGO, IL BOBOS<br/>LANDSCAPE DESION         13.3       TERCHKNOW ENGINEERING, LLC<br/>30 E. JAMMS ST. SUITE 1001 / CHICAGO, IL BOBOS<br/>LANDSCAPE DESION         14.       DOOR SECURITY SOLUTIONS<br/>718 FOSTER AVE / BEINEERMULE, SECURITY, FREALARM<br/>HJ KESSLER ASSOCIATES, INC<br/>220 E. LANE STREET, SUIVE SON / CHICAGO, IL BOBOS<br/>ACOUSTIC CONSULTANT         13       DOOR SECURITY SOLUTIONS<b< td=""></b<></td> | VULCAN<br>HV-36       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         9 × 15 × 18       9         Image: State of the state o  | EXPOSEDNOTE 1UNIT 1EXPOSEDNOTE 1HORE<br>UNIT 1EXPOSEDNOTE 1HORE<br>UNIT 1TDATAIntermodulationIntermodulationTDATACONTROLSRe<br>IntegRAL<br>INTEGRAL<br>THERMOSTATRe<br>IntegRAL<br>INTEGRAL<br>THERMOSTATIG OR WALL<br>DUNTING<br>RACKET2-STAGE<br>INTEGRAL<br>THERMOSTATRe<br>IntegRAL<br>INTEGRAL<br>THERMOSTATIG OR WALL<br>DUNTING<br>RACKET2-STAGE<br>INTEGRAL<br>THERMOSTATRe<br>IntegRAL<br>INTEGRAL<br>THERMOSTATIG OR WALL<br>DUNTING<br>RACKET2-STAGE<br>INTEGRAL<br>THERMOSTATRe<br>IntegRAL<br>INTEGRAL<br>THERMOSTATJRER<br>MODEL NO.RE<br>INTEGRAL<br>THERMOSTATRe<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>INTEGRAL<br>INTEGRAL<br>THERMOSTATJRER<br>MODEL NO.RE<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>IntegRAL<br>Int   | CONTAL<br>HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AMI<br>TO RUNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE REQUISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>PROFESSIONAL ENGINEER<br>OG2-040045<br>EXPIRATION DATE: NOVEMBER 30, 2013         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>OG2-040045       ILLINO<br>EXPIRATION DATE: NOVEMBER 30, 2013         I.2.3       IN R I P A R T I T E E, INC<br>Architecture Restoration Dasign<br>OG2-040045         1.2.3       IN ARCRIST ENGINEERING CORPORATION<br>31 W. JACKSON BLVD, 4TH FLOOR CORLAGO, IL BOBOS<br>LANDSCAPE DESION         12.3       SITE DESIGN GROUP, LTD.<br>221 N. WESTERN AVE. CHICAGO, IL BOBOS<br>LANDSCAPE DESION         12.3       SITE DESIGN GROUP, LTD.<br>225 W. ONID STREET, SUITE 1000 / CHICAGO, IL BOBOS<br>LANDSCAPE DESION         13.3       TERCHKNOW ENGINEERING, LLC<br>30 E. JAMMS ST. SUITE 1001
/ CHICAGO, IL BOBOS<br>LANDSCAPE DESION         14.       DOOR SECURITY SOLUTIONS<br>718 FOSTER AVE / BEINEERMULE, SECURITY, FREALARM<br>HJ KESSLER ASSOCIATES, INC<br>220 E. LANE STREET, SUIVE SON / CHICAGO, IL BOBOS<br>ACOUSTIC CONSULTANT         13       DOOR SECURITY SOLUTIONS <b< td=""></b<>   |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COT<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RET/<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>HANICAL ROOM                  | IN THE FIEL D.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>MAX<br>SYSTEM<br>SERVED<br>KATE<br>(GPM<br>V HEATING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW                              | ARATOR SCHEDULE  | Image: mail of the system         Image: mail of the system           RER         MODEL NO.         REMARKS           Image: mail of the system         Image: mail of the system         Image: mail of the system           Image: mail of the system         Image: mail of the system         Image: mail of the system         Image: mail of the system           Image: mail of the system         Image: mail of the system         Image: mail of the system         Image: mail of the system  
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>LOCA<br>B-1 1ST FLR B<br>B-2 1ST FLR B<br>B-2 1ST FLR B<br>B-2 1ST FLR B<br>NOTES:<br>1 PROVIDE HA<br>2 PROVIDE BA<br>BREECHING<br>SY STEM MA<br>CONDENSA<br>HAT KINKA<br>LEVEL OF T<br>5 PROVIDE BA<br>6 PROVIDE MA<br>7 PROVIDE BA<br>8 SECTION IV  
   | AL ROOM         EXPANSION         16         33.6         12           AL ROOM         COUNT         NA         5         12           AL ROOM         COUNT REPERTING         NA         5         12           EBLADDER TYPE         MED AND TESTED.         NA         5         12           IBLADDER TYPE         MED AND TESTED.         NA         5         12           MALTIA GAS         NEUT OUTPU INTERVITIC LEAVES         NEW TO SUMPURATIONAL CONTROL         NEW TO THE SUMPURATION OF THE SUMPURATION OF THE SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURATION SUMPURATIONAL CONTROL SUMPURATION SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURATIONAL SUMPONINT AND CONDUCTION THE CONDENSATE DEAND SUMPURATIONAL CONTROL SUMPURATIONAL SUMPURATIONAL CONTROL SUMPURATIONAL CONTROL SUMPURAN   | 10       125         100       125         100       125         100       126         100       180         101       180         101       180         101       180         101       180         101       180         101       180         101       180         101       180         101       180         101       180         101       180  
   | 50         90         HOI<br>WATER         G           50         90         CHW<br>WATER         G           50         90         CHW<br>WATER         N           NA         NA         CHW &<br>HW         N           NA         NA         CHW &<br>HW         N           SCHEDULE         ELLEF<br>VALVE<br>SSURE         VOLTS           60         160         208           60         160         208           60         160         208           60         160         208           60         160         208           10         PROVIDE I           JE         11         PROVIDE I           JE         11         PROVIDE I           JE         14         I           TONINAL         ACTUAL         WITHE           100         92.7         W           100         92.7         W  | DELL A<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br>5       -         5       -         PHASE       FULL LOAD         PHASE       FULL LOAD         PHASE       FULL LOAD         AMPS       OF         3       7.4         3       7.4         3       7.4         3       7.4         3       7.4         ANUFACTURERS & ME         240, AERCO KC-1000 GI         ANUFACTURER, PIPE TO PI         NEOPHRENE VIBRATION IS         MEOPHRENE VIBRATION IS         MEDENE  
  | HERA TG<br>(CEGHT       MANFRS & MODEL NO.         2600       CLEAVER - BROOKS<br>MODEL CFC 1000         2001       CLEAVER - BROOKS<br>MODEL CFC 1000         2002       CLEAVER - BROOKS<br>MODEL CFC 1000         2003       CLEAVER - BROOKS<br>MODEL CFC 1000         2004       CHEAVER - BROOKS<br>MODEL CFC 1000         2005       CLEAVER - BROOKS<br>MODEL CFC 1000         2014       TION PADS UNDER BOILERS.         2014       TION PROP (FT)         2016       166         2020       TION         2030       TION         2040       TION         2050       TION  
  | UH-1       F         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       3         4       3         12,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         UDERUS SB         PLIED BY         SB         PLIED BY         SB         O001       30         O001       30   | M 15   TEMPERATURE CONT   D   TEMPERATURE CONT   NO   R-COOL   CONDENSER FAN   NO   FANS   KW   FANS   KW   T   1.2557   | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         PL       1ST         RUNT       ELECT         2       THE M         3       THE E         4       -         S       CO         RP-3       S         RP-4       S         RP-3       S         RP-4       S         RP-3       S         RP-4       S         RP-6       2         RP-6       2         R       R         R       NO.         8.79       5         ACCOUSTIC         31       63   
   | 1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       N         NS AND SHEET M6.6 FOR       N         NS AND SHEET M6.6 FOR       N         NA       POWER         NA       POWER         NA       POWER         NPUT (KW)       FLOOR         CATION       POWER         IFLOOR       7.5         IFLOOR       7.5         IFLOOR       7.5         IFLOOR       7.5         IFLOOR       7.5         RIC HEATERS ARE PROVE         ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         COCATION       GPM         NA       NA         IST FLR       0.35         GIRLS       0.12         SHOWER       0.12         SHOWER       0.12         SHOWER       0.23         IST FLR       0.23         GIRLS       0.23         IST FLR       0.23         SHOWER       0.23         IST FLR       0.23         GIRLS       1.40         IST FLR <t< td=""><td>00       NA         08       NA         CONTROL REQUIRE       N         ACITY       HEATING         PEDARD       V         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         WATER       WTR PROVIDE         SHALL PROVIDE       POP/*         (FPS)       4         4       0.10         4       0.30         4       0.30         SHALL BE MANUFA         SHALL BE MANUFA         SHALL BE MANUFA         CIRCUIT     <!--</td--><td>130       0.30       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATEF         FAN DAT         AIR         YOLUME       NO.         (CFM)       NO.         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         20       291       3         20       291       3         20       291       3         20       291       3         20       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         30       R-410A       550     &lt;</td><td>120       550       V         120       550       V         120       550       V         120       550       V         A       NANFR &amp;         A       MANFR &amp;         1/30       BERKO         1/30       WIDTH         (INCH)       1         3492       24         1164       24         1164       24         1164       24</td><td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         CABINET SIZE<br/>(INCHES) (D X<br/>W X H)       MX         0       8 X 19 X 22       CEILIN<br/>MA         144       AIRTEX         144       AIRTEX         96       AIRTEX         97       Y         98       AIRTEX         99       AIRTEX         90       AIRTEX         91       J         92</td><td>EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORZ<br/>UNITINE       T DATA     CONTROLS     RE       JUNTING     CONTROLS     RE       JG OR WALL<br/>DUNTING     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     RE       JG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       JG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       JG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       JURER     MODEL NO.     REMA       JRER     MODEL NO.     REMA       JURER     HEF-2     1, 2       JURER     JURER     HEF       JURER     SIZE (L X<br/>NEES)     MINIMUM<br/>UNIT       JURER     JURER     SIZE (L X<br/>NEES)       JURER     JURER     SIZE (L X<br/>NEES)       JURER     JURER     SIZE (L X<br/>NEES)  <td>CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       OF MY KNOWLEDGE AND BELLEF CONFORM AND OCOMPLY WITH THE REQUISION AND TO THE BEST         COMPLY WITH THE REQUISION AND TO THE BEST       OCMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON       PROFESSIONAL ENGINEER         OG2-040045       EXPIRATION DATE: NOVEMBER 30, 2013         TR IP P A R T I T E E, MW       Architecture Restoration Design         MARKS       Architecture Restoration Design         12.3       MATRIX ENGINEERING CORPORATION         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         MATRIX ENGINEERING, LTD.         SI W. JACKSON BLVD, SUTE 1000 / CHICAGO, IL 80005         LANDSCAPE DESIGN GROUP, LTD.         ZI'N W. WESTER NUEL SUITE 5001 / CHICAGO, IL 80005         CALOR DESIGN GROUP, LTD.         ZI'N W. STORE TONY CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1000 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80011         POO SECURITY SOLUT</td></td></td></t<>   | 00       NA         08       NA         CONTROL REQUIRE       N         ACITY       HEATING         PEDARD       V         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         WATER       WTR PROVIDE         SHALL PROVIDE       POP/*         (FPS)       4         4       0.10         4       0.30         4       0.30         SHALL BE MANUFA         SHALL BE MANUFA         SHALL BE MANUFA         CIRCUIT </td <td>130       0.30       2         150       0.56       2         MENTS.      </td> <td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATEF         FAN DAT         AIR         YOLUME       NO.         (CFM)       NO.         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1        
20       291       3         20       291       3         20       291       3         20       291       3         20       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         30       R-410A       550     &lt;</td> <td>120       550       V         120       550       V         120       550       V         120       550       V         A       NANFR &amp;         A       MANFR &amp;         1/30       BERKO         1/30       WIDTH         (INCH)       1         3492       24         1164       24         1164       24         1164       24</td> <td>VULCAN<br/>HV-36       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br/>HV-36       9 X 15 X 18         CABINET SIZE<br/>(INCHES) (D X<br/>W X H)       MX         0       8 X 19 X 22       CEILIN<br/>MA         144       AIRTEX         144       AIRTEX         96       AIRTEX         97       Y         98       AIRTEX         99       AIRTEX         90       AIRTEX         91       J         92</td> <td>EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORZ<br/>UNITINE       T DATA     CONTROLS     RE       JUNTING     CONTROLS     RE       JG OR WALL<br/>DUNTING     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     RE       JG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       JG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       JG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       JURER     MODEL NO.     REMA       JRER     MODEL NO.     REMA       JURER     HEF-2     1, 2       JURER     JURER     HEF       JURER     SIZE (L X<br/>NEES)     MINIMUM<br/>UNIT       JURER     JURER     SIZE (L X<br/>NEES)       JURER     JURER     SIZE (L X<br/>NEES)       JURER     JURER     SIZE (L X<br/>NEES)  <td>CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       OF MY KNOWLEDGE AND BELLEF CONFORM AND OCOMPLY WITH THE REQUISION AND TO THE BEST         COMPLY WITH THE REQUISION AND TO THE BEST       OCMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON       PROFESSIONAL ENGINEER         OG2-040045       EXPIRATION DATE: NOVEMBER 30, 2013         TR IP P A R T I T E E, MW       Architecture Restoration Design         MARKS       Architecture Restoration Design         12.3       MATRIX ENGINEERING CORPORATION         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         MATRIX ENGINEERING, LTD.         SI W. JACKSON BLVD, SUTE 1000 / CHICAGO, IL 80005         LANDSCAPE DESIGN GROUP, LTD.         ZI'N W. WESTER NUEL SUITE 5001 / CHICAGO, IL 80005         CALOR DESIGN GROUP, LTD.         ZI'N W. STORE TONY CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1000 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80011         POO SECURITY SOLUT</td></td> | 130       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         JNIT HEATEF         FAN DAT         AIR         YOLUME       NO.         (CFM)       NO.         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         8       650       1         20       291       3         20       291       3         20       291       3         20       291       3         20       291       3         20       291       3         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         20       291       2         30       R-410A       550     <   
   | 120       550       V         120       550       V         120       550       V         120       550       V         A       NANFR &         A       MANFR &         1/30       BERKO         1/30       WIDTH         (INCH)       1         3492       24         1164       24         1164       24         1164       24  | VULCAN<br>HV-36       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         9 X 15 X 18       9 X 15 X 18         VULCAN<br>HV-36       9 X 15 X 18         CABINET SIZE<br>(INCHES) (D X<br>W X H)       MX         0       8 X 19 X 22       CEILIN<br>MA         144       AIRTEX         144       AIRTEX         96       AIRTEX         97       Y         98       AIRTEX         99       AIRTEX         90       AIRTEX         91       J         92  
  | EXPOSED     NOTE 1     UNIT I       EXPOSED     NOTE 1     HORZ<br>UNITINE       T DATA     CONTROLS     RE       JUNTING     CONTROLS     RE       JG OR WALL<br>DUNTING     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       JG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       JG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       JG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       JURER     MODEL NO.     REMA       JRER     MODEL NO.     REMA       JURER     HEF-2     1, 2       JURER     JURER     HEF       JURER     SIZE (L X<br>NEES)     MINIMUM<br>UNIT       JURER     JURER     SIZE (L X<br>NEES)       JURER     JURER     SIZE (L X<br>NEES)       JURER     JURER     SIZE (L X<br>NEES) <td>CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       OF MY KNOWLEDGE AND BELLEF CONFORM AND OCOMPLY WITH THE REQUISION AND TO THE BEST         COMPLY WITH THE REQUISION AND TO THE BEST       OCMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON       PROFESSIONAL ENGINEER         OG2-040045       EXPIRATION DATE: NOVEMBER 30, 2013         TR IP P A R T I T E E, MW       Architecture Restoration Design         MARKS       Architecture Restoration Design         12.3       MATRIX ENGINEERING CORPORATION         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         MATRIX ENGINEERING, LTD.         SI W. JACKSON BLVD, SUTE 1000 / CHICAGO, IL 80005         LANDSCAPE DESIGN GROUP, LTD.         ZI'N W. WESTER NUEL SUITE 5001 / CHICAGO, IL 80005         CALOR DESIGN GROUP, LTD.         ZI'N W. STORE TONY CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1000 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80011         POO SECURITY SOLUT</td>            | CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         CONTALL       THESE DRAWINGS HAVE BEEN PREPARED AT AMI         HEATER       OF MY KNOWLEDGE AND BELLEF CONFORM AND OCOMPLY WITH THE REQUISION AND TO THE BEST         COMPLY WITH THE REQUISION AND TO THE BEST       OCMPLY WITH THE REQUIREMENTS OF THE CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS       ROBERT B. HUSTON       PROFESSIONAL ENGINEER         OG2-040045       EXPIRATION DATE: NOVEMBER 30, 2013         TR IP P A R T I T E E, MW       Architecture Restoration Design         MARKS       Architecture Restoration Design         12.3       MATRIX ENGINEERING CORPORATION         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         SI W. JACKSON BLVD, 4TH FLOOR / CHICAGO, IL 80005         MATRIX ENGINEERING, LTD.         SI W. JACKSON BLVD, SUTE 1000 / CHICAGO, IL 80005         LANDSCAPE DESIGN GROUP, LTD.         ZI'N W. WESTER NUEL SUITE 5001 / CHICAGO, IL 80005         CALOR DESIGN GROUP, LTD.         ZI'N W. STORE TONY CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1000 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80005         AUBON LAKE STORET SUITE 1001 / CHICAGO, IL 80011         POO SECURITY SOLUT   |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND CO<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RET/<br>THE NEW FAN TO THE EXISTING CURB.  | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>HANICAL ROOM<br>IDE AIR VENT. | IN THE FIEL D.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>AIR SEP<br>MAX<br>SYSTEM<br>SERVED<br>KATE<br>(GPM<br>V HEATING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW | ARATOR SCHEDULE  | RER         MODEL NO.         REMARKS           I         II.2,3           I         II.2,3           I         II.2,3   
  | ET-2 MECHANIC<br>CPT-1,<br>CPT-2 MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>LOCA<br>B-1 1ST FLR B<br>B-2 1ST FLR B<br>B-2 1ST FLR B<br>NOTES:<br>1 PROVIDE FA<br>2 PROVIDE FA<br>3 PROVIDE FA<br>3 PROVIDE FA<br>4 CONDENSA<br>MUST BE A'<br>1 SN OT POS<br>4 CONDENSA<br>MUST BE A'<br>1 SN OT POS<br>4 CONDENSA<br>MUST BE A'<br>1 SN OT POS<br>8 SECTION IV  
   | AL ROOM         EXPANSION         16         33.6         12           TANK         CHW         33.6         12           AL ROOM         CHW         16         33.6         12           AL ROOM         CHW & HW         NA         5         12           AL ROOM         CHW & HW         NA         5         12           ERADOER TYPE         MED AND TESTED.         THELUE LINE SIGHT GAUGE           THELUE LINE SIGHT GAUGE         CON         MAXMIN         5         12           ATION         MAXMIN         NA         5         12         1           ATION         MAXMIN         NA         0         160         160         160           SCHED         MAXMIN         10000         960         120   | 10       125         10       125         10       125         10       125         10       125         10       125         FLUD       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP       180         0% PROP       100         10       100         10       100         10       100         10       100         10       100         10       100         10       100 <tr< td=""><td>50       90       HOI<br/>WATER       G         50       90       CHW<br/>WATER       G         50       90       CHW<br/>WATER       G         NA       NA       CHW &amp; N         NA       NA       CHW &amp; N         NA       NA       CHW &amp; N         SCHEDULE       ELEC         VORKG       RELIEF<br/>VALVE<br/>SETTING<br/>(PS)       VOLTS         60       160       208         60       160       208         60       160       208         60       160       208         60       160       208         10       9       ALTERNA<br/>615 MODE         MORINAL<br/>NHOSE       11       PROVIDE 0         JE       11       PROVIDE 1         JE       11       PROVIDE 1         JE       11       PROVIDE 1         JE       11       VOLTS         I00       92.7       VIENCHSTATIC DEF DEFTON         COOLER HEATER, ULTRA LOW 3       COULER HEATER, ULTRA LOW 3         COOLER HEATER, ULTRA LOW 3       COULER HEATER, ULTRA LOW 3         COOLER HEATER, ULTRA LOW 3       COULER HEATER, ULTRA LOW 3         COOLER HEATER, ULTRA LOW 3       COULER HE</td><td>BELL &amp;<br/>SOSSETT DV       1, 2, 3         BELL &amp;<br/>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br/>5      </td><td>Image: Provide the second s</td><td>UH-1       F         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       -         3       -         4       -         REMARKS       1,2,3,4,5,6, 7,8,9,10,11         1,2,3,4,5,6, 7,8,9,10,11       -         UDERUS SB       PLIED BY         DILING CTOR -Sqft-       PROPY LENE GLY COL (%)         BE       SOUND DI         0001       30</td><td>M 15   TEMPERATURE CONT   D   TEMPERATURE CONT   NO   R-COOCL   CONDENSER FAN   NO   FANS   KW   T   1.2557</td><td>120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         I       I         I</td><td>1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       O         NS AND SHEET M6.6 FOR       O         NA       POWER         NU       CATION         POWER       POWER         NPUT (KW)       FLOOR         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         IFLOOR       7.5         FLOOR       7.5         FRIC HEATERS ARE PROVIECHANICAL CONTRACTOR       O         ECHANICAL CONTRACTOR       O         OCA TION       GPM       N         IST FLR       0.35       O         SIST FLR       0.12       O         SHOWER       0.12       O         SHOWER       0.12       O         SHO FLR       0.23       O         SHO FLR       0.23       O         SHO FLR       0.23       O         SHO FLR       O.23       O         CADANT CELING PANELS       O       O         COMPR 1       COMPR</td><td>08       NA         08       NA         08       NA         08       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING<br/>CAPACITY       V         125.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       25.6         20 AND MOUNTEE       MINIMUM<br/>(FROP/1<br/>(FPS)         AMD       0.47         4       0.30         4       0.30         4       0.30         4       0.30         5HALL BE MANUFA         SHALL BE MANUFA         CINCUIT       AMPS         AMPS       (MCA)         36.3       459.8</td><td>130       0.30       2         150       0.56       2         MENTS.      </td><td>.1       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .0.0</td><td>120       550       V         120       550       V         120       550       V         120       550       V         A       V       V         A       MANFR &amp; MODEL NO         1/30       BERKO         10       1/30         3492       24         3492       24         3492       24         1164       24         12328       24         10       CARRIER         0       CARRIER         0       CARRIER         0       CARRIER         15.</td><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         0       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>K       9 × 15 × 18         VULCAN<br/>K       0         A       CABINET SIZE<br/>(INCHES) (D ×<br/>MK<br/>B         0       8 × 19 × 22       CELIN<br/>MK<br/>B         0       8 × 19 × 22       CELIN<br/>MK<br/>B         144       AIRTEX<br/>AIRTEX         48       AIRTEX<br/>AIRTEX         96       AIRTEX<br/>AIRTEX         97       STEPS OF<br/>CONN<br/>TON         98       5       4 INC    </td><td>EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1      
TDATA     CONTROLS     RE       IG OR WALL<br/>DUNTING     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     RE       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>IG O</td><td>CONTRAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         ICONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         HEATER       OR UNDER MY SUPERVISION AND TO THE BEST<br/>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br/>COMPLY WITH THE RECOURSEMENTS OF THE<br/>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       EXPIRATION DATE: NOVEMBER 30, 2013         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       EXPIRATION DATE: NOVEMBER 30, 2013         ILLINOIS<br/>ROBERT B. HUSTON<br/>PROFESSIONAL ENGINEER<br/>062-040045       FTRA E. HUSTON<br/>Architecture Restoration Design<br/>OC. 4720 N. Virginia Ave.<br/>Chicago, Illinois 60625<br/>DE 773-681-0894         12.3       MATRIX ENGINEERING CORPORATION<br/>33 W. JACKSON BLVD. 4TH FLOOR CHICAGO, IL 6065         12.3       STE DESIGN GROUP, LTD.<br/>23 W. OHIO STREET, ATH FLOOR (CHICAGO, IL 6065         ILLINOSCAPE DESIGN<br/>CALOR DESIGN GROUP, LTD.<br/>23 W. MERSION SUITE 100 (CHICAGO, IL 60653         ILEGO CONSULTIVE<br/>CONSULTIVE<br/>SUMENCAR, PUMBING, REP PROFECTION         RKS       SIGN LARG STREET, SUITE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br/>SUM LARG STREET, SUITE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br/>SUM LARG STREET, SUITE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br/>SUM LARG STREET, ATH ILEOR (CHICAGO, IL 60613         ILEGO CONSULTIVE<br/>SUM LARG STREET, SUTE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br/>SUM LARG STREET, SUTE 301 / CH</td></tr<> | 50       90       HOI<br>WATER       G         50       90       CHW<br>WATER       G         50       90       CHW<br>WATER       G         NA       NA       CHW & N         NA       NA       CHW & N         NA       NA       CHW & N         SCHEDULE       ELEC         VORKG       RELIEF<br>VALVE<br>SETTING<br>(PS)       VOLTS         60       160       208         60       160       208         60       160       208         60       160       208         60       160       208         10       9       ALTERNA<br>615 MODE         MORINAL<br>NHOSE       11       PROVIDE 0         JE       11       PROVIDE 1         JE       11       PROVIDE 1         JE       11       PROVIDE 1         JE       11       VOLTS         I00       92.7       VIENCHSTATIC DEF DEFTON         COOLER HEATER, ULTRA LOW 3       COULER HEATER, ULTRA LOW 3         COOLER HEATER, ULTRA LOW 3       COULER HEATER, ULTRA LOW 3         COOLER HEATER, ULTRA LOW 3       COULER HEATER, ULTRA LOW 3         COOLER HEATER, ULTRA LOW 3       COULER HE | BELL &<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br>5  
   | Image: Provide the second s | UH-1       F         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       -         3       -         4       -         REMARKS       1,2,3,4,5,6, 7,8,9,10,11         1,2,3,4,5,6, 7,8,9,10,11       -         UDERUS SB       PLIED BY         DILING CTOR -Sqft-       PROPY LENE GLY COL (%)         BE       SOUND DI         0001       30   | M 15   TEMPERATURE CONT   D   TEMPERATURE CONT   NO   R-COOCL   CONDENSER FAN   NO   FANS   KW   T   1.2557  | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         I       I         I   
  | 1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       O         NS AND SHEET M6.6 FOR       O         NA       POWER         NU       CATION         POWER       POWER         NPUT (KW)       FLOOR         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         IFLOOR       7.5         FLOOR       7.5         FRIC HEATERS ARE PROVIECHANICAL CONTRACTOR       O         ECHANICAL CONTRACTOR       O         OCA TION       GPM       N         IST FLR       0.35       O         SIST FLR       0.12       O         SHOWER       0.12       O         SHOWER       0.12       O         SHO FLR       0.23       O         SHO FLR       0.23       O         SHO FLR       0.23       O         SHO FLR       O.23       O         CADANT CELING PANELS       O       O         COMPR 1       COMPR  
  | 08       NA         08       NA         08       NA         08       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING<br>CAPACITY       V         125.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       1000         25.6       25.6         20 AND MOUNTEE       MINIMUM<br>(FROP/1<br>(FPS)         AMD       0.47         4       0.30         4       0.30         4       0.30         4       0.30         5HALL BE MANUFA         SHALL BE MANUFA         CINCUIT       AMPS         AMPS       (MCA)         36.3       459.8  
  | 130       0.30       2         150       0.56       2         MENTS.   | .1       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .0.0   
  | 120       550       V         120       550       V         120       550       V         120       550       V         A       V       V         A       MANFR & MODEL NO         1/30       BERKO         10       1/30         3492       24         3492       24         3492       24         1164       24         12328       24         10       CARRIER         0       CARRIER         0       CARRIER         0       CARRIER         15.  | VULCAN<br>HV-36       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         9 × 15 × 18       9         0       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         VULCAN<br>K       9 × 15 × 18         VULCAN<br>K       0         A       CABINET SIZE<br>(INCHES) (D ×<br>MK<br>B         0       8 × 19 × 22       CELIN<br>MK<br>B         0       8 × 19 × 22       CELIN<br>MK<br>B         144       AIRTEX<br>AIRTEX         48       AIRTEX<br>AIRTEX         96       AIRTEX<br>AIRTEX         97       STEPS OF<br>CONN<br>TON         98       5       4 INC   
  | EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br>UNIT 1       EXPOSED     NOTE 1     HORZ<br>UNIT 1       TDATA     CONTROLS     RE       IG OR WALL<br>DUNTING     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     RE       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     1     1       IG OR WALL<br>IG O   | CONTRAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         HEATER       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         ICONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         HEATER       OR UNDER MY SUPERVISION AND TO THE BEST<br>OF MY KNOWLEDGE AND BELIEF CONFORM AND<br>COMPLY WITH THE RECOURSEMENTS OF THE<br>CHICAGO DEPARTMENT OF BUILDING.         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       EXPIRATION DATE: NOVEMBER 30, 2013         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       EXPIRATION DATE: NOVEMBER 30, 2013         ILLINOIS<br>ROBERT B. HUSTON<br>PROFESSIONAL ENGINEER<br>062-040045       FTRA E. HUSTON<br>Architecture Restoration Design<br>OC. 4720 N. Virginia Ave.<br>Chicago, Illinois 60625<br>DE 773-681-0894         12.3       MATRIX ENGINEERING CORPORATION<br>33 W. JACKSON BLVD. 4TH FLOOR CHICAGO, IL 6065         12.3       STE DESIGN GROUP, LTD.<br>23 W. OHIO STREET, ATH FLOOR (CHICAGO, IL 6065         ILLINOSCAPE DESIGN<br>CALOR DESIGN GROUP, LTD.<br>23 W. MERSION SUITE 100 (CHICAGO, IL 60653         ILEGO CONSULTIVE<br>CONSULTIVE<br>SUMENCAR, PUMBING, REP PROFECTION         RKS       SIGN LARG STREET, SUITE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br>SUM LARG STREET, SUITE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br>SUM LARG STREET, SUITE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br>SUM LARG STREET, ATH ILEOR (CHICAGO, IL 60613         ILEGO CONSULTIVE<br>SUM LARG STREET, SUTE 301 / CHICAGO, IL 60613         ILEGO CONSULTIVE<br>SUM LARG STREET, SUTE 301 / CH   |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIELD<br>CONTRACTOR TO MODIFY THE POWER AND COT<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTRIC BACKDRAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.   | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTTC<br>NG SYSTEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>IDE AIR VENT.                  | IN THE FIEL D.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>SYSTEM<br>SYSTEM<br>SERVED<br>V HEATING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW                         | ARATOR SCHEDULE  | Image: Notes         Image: Notes           RER         MODEL NO.         REMARKS           Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes         Image: Notes         Image: Notes           Image: Notes         Image: Notes         Image: Notes   
  | ET-2 MECHANICA<br>CPT-1,<br>CPT-2,<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>LOCA<br>B-1 1ST FLR B<br>B-2 1ST FLR B<br>B-2 1ST FLR B<br>1 PROVIDE HA<br>2 PROVIDE FA<br>3 CONDENSA<br>THAT KINKU<br>LEVEL OF T<br>5 PROVIDE IN<br>6 PROVIDE IN<br>7 PROVIDE M<br>7 PROVIDE M<br>1 PROVIDE M   
   | AL ROOM EXPANSION 16 33.6 12<br>TANK<br>CHV<br>CHV<br>COOLING<br>CHV<br>COOLING<br>TANK<br>AL ROOM CHW & HW<br>NA<br>5 12<br>TANK<br>CHV<br>COOLING<br>TANK<br>CAPACITY<br>TANK<br>CAPACITY<br>COM<br>COM<br>CAPACITY<br>TANK<br>CAPACITY<br>TANK<br>CAPACITY<br>COM<br>CON<br>CON<br>CON<br>CON<br>CON<br>CON<br>CON<br>CON   | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)       MAX<br>PROP<br>PC(100)         0% PROP<br>SUYCOL       180          10       180          10       180          10       180          10       180          10       180          10       180          10       180          10       180          10       180          10       190          10       100          20       100          10       100          10       100          11       ACCESSORIES<br>SEPARATE DI<br>SPARATE DI<br>2         11       ACCESSORIES<br>SEPARATE DI<br>2         2       FULLY ENCLO         3       PROVIDE MININ  
  | 50       90       HUI<br>WATER<br>G         50       90       CHW<br>WATER<br>MA       G         NA       NA       CHW &<br>HW       N         NA       NA       CHW &<br>HW       N         SCHEDULE       ELEC<br>VORKG<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE   | DELL &<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-<br>5       I         S       I         IEPTUNE VTF-<br>5       I         S       I         PHASE       FULL LOAD<br>AMPS         I       I         I <td< td=""><td>PERATG<br/>(EGHT)     MANFRS &amp; MODEL NO.       2600     CLEAVER - BROOKS<br/>MODEL CFC 1000       2600     CLEAVER - BROOKS<br/>MODEL CFC 1000       2600     CLEAVER - BROOKS<br/>MODEL CFC 1000       200     CLEAVER - BROOKS       SYSTEM WITH NEUTRALIZER SUP<br/>UMBING FLOOR DRAIN.       201A TION PADS UNDER BOILERS.       201A TION PADS UNDER BOILERS.</td><td>UH-1       I         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       3         4       3         1,2,3,4,5,6,       7,8,9,10,11</td><td>M       10         R       15         D       TEMPERATURE CONT         D       Image:
State of the state of</td><td>120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         RP-1       1ST         A       1ST         TAG       L         RP-1       ELECT         A       THE B         4       -         S       CO         RP-1       S         RP-2       R         RP-3       S         RP-4       S         RP-5       2         RP-6       2         RP-6       2         RP-6       2         R       S         S       CO         S       S     <td>1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       OR         NS AND SHEET M6.6 FOR       OR         CATION       POWER<br/>INPUT (KW)         CATION       POWER<br/>INPUT (KW)         FLOOR<br/>CTRIC RM       7.5         FLOOR<br/>CTRIC RM       7.5         FLOOR<br/>CTRIC RM       7.5         RIC HEATERS ARE PROVER<br/>ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         SIST FLR<br/>BOYS       0.35         STFLR<br/>SHOWER       0.12         SHO FLR<br/>SHOWER       0.12         SHO FLR<br/>SHOWER       0.23         SIND FLR<br/>SHOWER       0.23         ILLEER SCEH         MRESSORS       REF         REA<br/>COMPR 1       COMPR 2         NA       NA         NA       NA         NA       NA         NA       NA</td><td>08       NA         08       NA         08       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING<br/>CAPACITY       V         125.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         SHALL PROVIDE       POULE         SHALL PROVIDE       POULE         SHALL PROVIDE       POULE         SHALL BE MANUFA       CIRCUIT         SHARGERA       MINIMUM         CIRCUIT       AMPS         SHALL BE MANUFA       CIRCUIT      <t< td=""><td>150       0.56       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7</td><td>120       550       V         120       550       V         120       550       V         A       MANFR &amp;         1/30       BERKO         1/3492       24         3492       24         1164       24         12328       24         1164       24         1164       24         117       MANUFACT         118       MANUFACT         119       MANUFACT         110</td><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I</td><td>EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1       T DATA     CONTROLS     Re       GOR WALL<br/>DUNTING     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     Re       GOR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>DUNTING     HEF-2     1       IG HEF-2     1     1       IG HEF-2     1   &lt;</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         FATER       OF UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAL ENGINEER       OG2-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARTIES, HUSTON         MARKS       Architecture Restoration Design         12.3       TRIPPARTIES, HUSTON         12.3       MATRIX ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS</td></t<></td></td></td<> | PERATG<br>(EGHT)     MANFRS & MODEL NO.       2600     CLEAVER - BROOKS<br>MODEL CFC 1000       2600     CLEAVER - BROOKS<br>MODEL CFC 1000       2600     CLEAVER - BROOKS<br>MODEL CFC 1000       200     CLEAVER - BROOKS       SYSTEM WITH NEUTRALIZER SUP<br>UMBING FLOOR DRAIN.       201A TION PADS UNDER BOILERS.   | UH-1       I         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       3         4       3         1,2,3,4,5,6,       7,8,9,10,11  | M       10         R       15         D       TEMPERATURE CONT         D       Image: State of the state of                                    | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO       
 UNIT         HEATER       LC         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         RP-1       1ST         A       1ST         TAG       L         RP-1       ELECT         A       THE B         4       -         S       CO         RP-1       S         RP-2       R         RP-3       S         RP-4       S         RP-5       2         RP-6       2         RP-6       2         RP-6       2         R       S         S       CO         S       S <td>1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       OR         NS AND SHEET M6.6 FOR       OR         CATION       POWER<br/>INPUT (KW)         CATION       POWER<br/>INPUT (KW)         FLOOR<br/>CTRIC RM       7.5         FLOOR<br/>CTRIC RM       7.5         FLOOR<br/>CTRIC RM       7.5         RIC HEATERS ARE PROVER<br/>ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         SIST FLR<br/>BOYS       0.35         STFLR<br/>SHOWER       0.12         SHO FLR<br/>SHOWER       0.12         SHO FLR<br/>SHOWER       0.23         SIND FLR<br/>SHOWER       0.23         ILLEER SCEH         MRESSORS       REF         REA<br/>COMPR 1       COMPR 2         NA       NA         NA       NA         NA       NA         NA       NA</td> <td>08       NA         08       NA         08       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING<br/>CAPACITY       V         125.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         SHALL PROVIDE       POULE         SHALL PROVIDE       POULE         SHALL PROVIDE       POULE         SHALL BE MANUFA       CIRCUIT         SHARGERA       MINIMUM         CIRCUIT       AMPS         SHALL BE MANUFA       CIRCUIT      <t< td=""><td>150       0.56       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7</td><td>120       550       V         120       550       V         120       550       V         A       MANFR &amp;         1/30       BERKO         1/3492       24         3492       24         1164       24         12328       24         1164       24         1164       24         117       MANUFACT         118       MANUFACT         119       MANUFACT         110</td><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I</td><td>EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1       T DATA     CONTROLS     Re       GOR WALL<br/>DUNTING     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     Re       GOR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>DUNTING     HEF-2     1       IG HEF-2     1     1       IG HEF-2     1   &lt;</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         FATER       OF UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAL ENGINEER       OG2-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARTIES, HUSTON         MARKS       Architecture Restoration Design         12.3       TRIPPARTIES, HUSTON         12.3       MATRIX ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS</td></t<></td>   | 1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       OR         NS AND SHEET M6.6 FOR       OR         CATION       POWER<br>INPUT (KW)         CATION       POWER<br>INPUT (KW)         FLOOR<br>CTRIC RM       7.5         FLOOR<br>CTRIC RM       7.5         FLOOR<br>CTRIC RM       7.5         RIC HEATERS ARE PROVER<br>ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         ECHANICAL CONTRACTOR         SIST FLR<br>BOYS       0.35         STFLR<br>SHOWER       0.12         SHO FLR<br>SHOWER       0.12         SHO FLR<br>SHOWER       0.23         SIND FLR<br>SHOWER       0.23         ILLEER SCEH         MRESSORS       REF         REA<br>COMPR 1       COMPR 2         NA       NA         NA       NA         NA       NA         NA       NA  
  | 08       NA         08       NA         08       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING<br>CAPACITY       V         125.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         SHALL PROVIDE       POULE         SHALL PROVIDE       POULE         SHALL PROVIDE       POULE         SHALL BE MANUFA       CIRCUIT         SHARGERA       MINIMUM         CIRCUIT       AMPS         SHALL BE MANUFA       CIRCUIT <t< td=""><td>150       0.56       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7</td><td>120       550       V         120       550       V         120       550       V         A       MANFR &amp;         1/30       BERKO         1/3492       24         3492       24         1164       24         12328       24         1164       24         1164       24         117       MANUFACT         118       MANUFACT         119       MANUFACT         110</td><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I</td><td>EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT 1       T DATA     CONTROLS     Re       GOR WALL<br/>DUNTING     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     Re       GOR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>DUNTING     HEF-2     1       IG HEF-2     1     1       IG HEF-2     1   &lt;</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         FATER       OF UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAL ENGINEER       OG2-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARTIES, HUSTON         MARKS       Architecture Restoration Design         12.3       TRIPPARTIES, HUSTON         12.3       MATRIX ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS</td></t<>  | 150       0.56       2         150       0.56       2         MENTS.  
  | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7   | 120       550       V         120       550       V         120       550       V         A       MANFR &         1/30       BERKO         1/3492       24         3492       24         1164       24         12328       24         1164       24         1164       24         117       MANUFACT         118       MANUFACT         119       MANUFACT         110  
  | VULCAN<br>HV-36       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I  | EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br>UNIT 1       EXPOSED     NOTE 1     HORZ<br>UNIT 1       T DATA     CONTROLS     Re       GOR WALL<br>DUNTING     2-STAGE<br>INTEGRAL<br>THERMOSTAT     Re       GOR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     1     1       IG OR WALL<br>DUNTING     HEF-2     1       IG HEF-2     1     1       IG HEF-2     1   <  | CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT ANI         FATER       OF UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAND TO THE BEST       O'R UNDER MYSIONAND TO THE BEST         O'R UNDER MYSIONAL ENGINEER       OG2-040045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARTIES, HUSTON         MARKS      
Architecture Restoration Design         12.3       TRIPPARTIES, HUSTON         12.3       MATRIX ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CORPORATION         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.3       STRUCTURAL ENGINEERING CLEAGED, LEBBOS         12.4       STRUCTURAL ENGINEERING CLEAGED, LEBBOS  |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIFY THE FAN SUBMITTALS TO MATCH FIEL<br>CONTRACTOR TO MODIFY THE POWER AND CO<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY, WITHE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RETA<br>THE NEW FAN TO THE EXISTING CURB.  | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTTC<br>NG SY STEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION<br>HANICAL ROOM<br>HANICAL ROOM<br>/IDE AIR VENT.                | IN THE FIEL D.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>SYSTEM<br>SYSTEM<br>SERVED<br>HEATING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>COOLING<br>CHW<br>CHW<br>COOLING<br>CHW<br>CHW<br>COOLING<br>CHW<br>CHW<br>COOLING<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW<br>CHW  | ARATOR SCHEDULE  | Image: Note: No.         REWARKS           Image: No.         REWARKS           I  
  | ET-2 MECHANIC<br>CPT-1, MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>A<br>BOILER<br>LOCA<br>B-1 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>NOTES:<br>1 PROVIDE FA<br>2 PROVIDE FA<br>3 WIST BE A<br>IS NOT POS<br>BREECHING<br>SY STEM MA<br>4 CONDENSA<br>HAT KINKI<br>LEVEL OF T<br>5 PROVIDE BA<br>6 PROVIDE NA<br>7 PROVIDE BA<br>5 SECTION IV   
   | AL ROOM EXPANSION 16 33.6 12<br>TANK 0000 COUNS 16 33.6 12<br>TANK 1 16 33.6 12<br>ENANGEN 16 33.6 12<br>TANK 1 16 33.6 12<br>ENANCEN 17 EEDER 17 5<br>ENANCEN 17 EEDER 17 5<br>ENANCEN 17 EEDER 17 5<br>ENANCEN 17 ENANC 1000 17 ENTER WITH UEAVO<br>THE ULE LINE SIGHT GAUGE<br>THE BLUE LINE SIGHT GAUGE<br>THE ULE LINE SIGHT GAUGE<br>ATON NEUT 000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 N WC; 1000 960 120 150 1<br>SOLER RM 1 SOLENCE SUBSECT 1000 NOTABLE NET THE FOLENCE STEEM<br>NOTE NOT THE SOLENCE SUBSECT 1000 NOTABLE NET THE FOLENCE SUBSECT<br>SOLER RM 1 SOLENCE SUBSECT 1000 NOTABLE NET THE FOLENCE NET THE SOLER NET TO THE NODES NOT THE NOTABLE NET THE NOT THE SOLER NET THE NET THE POLENCE SUBSECT 1000 NOTABLE NET THE NOT THE SOLER NET THE NOT TO THE NODES NOT THE NOTABLE NET THE NOT THE SOLER NET THE NOT TO THE NODES NOT THE NOTABLE NET THE NOT THE SOLER NET THE NOT TO THE NODES NOT THE NOTABLE NET THE NOT THE NOT THE NOTE NOT THE SOLER NET THE NOT THE NO   | 10       125         10       125         10       125         10       125         10       125         10       125         10       125         FLUID       MAX<br>OPERATG<br>TEMP (DEG F)         0% PROP<br>SLYCOL       180         10       100         11       ACCESSORES<br>SEPARATE DI<br>SEPARATE DI<br>SEPARATE DI<br>SEPARATE DI<br>SCH PROVIDE SOU         1       ACCESSORES<br>SEPARATE DI<br>SETRICTIONS         1       ACCESSORES<br>SEPARATE DI<br>SETRICTIONS         1       ACCESSORES<br>SEPA   
  | 50         90         HOI<br>WATER<br>WATER         G           50         90         CHW &<br>WATER         G           NA         NA         CHW &<br>HW         N           NA         NA         CHW &<br>HW         N           NA         NA         CHW &<br>HW         N           SCHEDULE         ELEF<br>VORKG<br>(PS)         Vol.TS           60         160         208           60         160         208           60         160         208           60         160         208           60         160         208           60         160         208           60         160         208           60         160         208           10         PROVIDE 0<br>BOILER M           LLECT<br>IN HOSE         11         PROVIDE 1           2/2         13  | DELL &<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-   
   | TERATG<br>(LBS)       MANFRS & MODEL NO.         2600       CLEAVER - BROOKS<br>MODEL CFC 1000         2601       CLEAVER - BROOKS<br>MODEL CFC 1000         2602       CLEAVER - BROOKS<br>MODEL CFC 1000         2603       CLEAVER - BROOKS<br>MODEL CFC 1000         2604       CLEAVER - BROOKS<br>MODEL CFC 1000         2605       CLEAVER - BROOKS<br>MODEL CFC 1000         2606       CLEAVER - BROOKS<br>MODEL CFC 1000         2607       CLEAVER - BROOKS<br>MODEL CFC 1000         2608       SYSTEM WITH NEUTRALIZER SUPEL<br>PROVIDE TALLATION PADS UNDER BOILERS.         2609       I 166         166       16.3         166       16.3         166       16.3         2600       I 166         166       16.3         2600       ANT ER         2600       I 166         166       16.3         2600       I 166         2600       I 166         2600       I 166         2600       I 166         2600       I 160   | UH-1       I         UH-2       1ST FL         NOTES:       1         1       REFER T         2       3         4       3         4       3         123       3         4       3         123,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         1,2,3,4,5,6,7,8,9,10,11         UDERUS SB         PLIED BY         UDERUS SB         PLIED BY         GLING         O001       30         JUING         O001       30         O001       30         JUINE       SOUND PO         JUNTS       SOUND PO   
  | M 15   D TEMPERATURE CONT   D Import   D Import   D Import   Import Import   | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT         HEATER       LC         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         RP-1       ELECT         3       THE ED         4       1         TAG       L         RP-1       ELECT         A       1         RP-1       ELECT         RP-3       C         RP-4       C         RP-5       C         RP-6       C         RP-6       C         RP-6       C         RP-6       C         RP-7       C         RP-8       C         RP-1       S         RP-2       R         RP-3       C         R       C         R       C         R       C         R       C         R       C         R       C         R       C <td>1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       N         NL       CAI         CATION       POWER         IFLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         RIC HEATERS ARE PROVIECHANICAL CONTRACTOR       CONTRACTOR         ECHANICAL CONTRACTOR       CONTRACTOR         COCATION       GPM       N         1ST FLR       0.35       1         SIST FLR       0.12       0         SHOWER       0.23       0         SHOWER       0.23<td>03       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       REQUIRE         HEATING<br/>CAPACITY (MBH)       V         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         260 AND MOUNTER       1         SHALL PROVIDE       1         WATER       WTR PE         DROP/1       1         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         36.3       459.8</td><td>130       0.30       2         150       0.56       2         MENTS.      </td><td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7&lt;</td><td>120       550       V         120       550       V         120       550       V         120       550       V         A       A       V         A       A       A         1/30       BERKO       HUHAA720         1/30       BUDTH       I         3492       24       I         3492       24       I         3492       24       I         3492       24       I         1164       24       I         12328       24       I         I       MANUFACT       IPA         MODEL NO.       IPA         I       I       I         I       I       I</td><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I         I       I         I       I         I       8 × 19 × 22         I       I</td><td>EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT       EXPOSED     NOTE 1     HORZ<br/>UNIT       EXPOSED     NOTE 1     HORZ<br/>UNIT       TDATA     CONTROLS     Re       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     Re       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>RACKET     1     1       IG OR WALL<br/>IG OR WALL<br/>RACKET     1     1       IG OR WALL<br/>IG OR WA</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         CONTAL       OF UNDER WSUPERVISION AND TO THE BEST         CONTAL       OF UNDER WSUPERVISION AND TO THE DEST         CHARDER       HUSTON         PROFESSIONAL ENGINEER       062-40045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARTIES, HUSTON         PROFESSIONAL ENGINEER       062-40045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARETIES, HUSTON         MARKS       Architecture Restoration Design         12.3       TRIPPARETIES, HUSTON         12.3       TRIPPARETIES, HUSTON         12.3       TREPAREMENTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2003         12.3       THE RESTRICT SUMMERTS OF THE ALARM         12.3       THE RESTRICT SUME 30, 2003         12.4       THE RESTRICT SUME 30, 2003         20.5       THE RESTRICT</td></td> | 1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       N         NL       CAI         CATION       POWER         IFLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         FLOOR       7.5         RIC HEATERS ARE PROVIECHANICAL CONTRACTOR       CONTRACTOR         ECHANICAL CONTRACTOR       CONTRACTOR         COCATION       GPM       N         1ST FLR       0.35       1         SIST FLR       0.12       0         SHOWER       0.23       0         SHOWER       0.23 <td>03       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       REQUIRE         HEATING<br/>CAPACITY (MBH)       V         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         260 AND MOUNTER       1         SHALL PROVIDE       1         WATER       WTR PE         DROP/1       1         4       0.30         4      
0.30         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         36.3       459.8</td> <td>130       0.30       2         150       0.56       2         MENTS.      </td> <td>.7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7&lt;</td> <td>120       550       V         120       550       V         120       550       V         120       550       V         A       A       V         A       A       A         1/30       BERKO       HUHAA720         1/30       BUDTH       I         3492       24       I         3492       24       I         3492       24       I         3492       24       I         1164       24       I         12328       24       I         I       MANUFACT       IPA         MODEL NO.       IPA         I       I       I         I       I       I</td> <td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I         I       I         I       I         I       8 × 19 × 22         I       I</td> <td>EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br/>UNIT       EXPOSED     NOTE 1     HORZ<br/>UNIT       EXPOSED     NOTE 1     HORZ<br/>UNIT       TDATA     CONTROLS     Re       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     Re       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>DUNTING<br/>RACKET     2-STAGE<br/>INTEGRAL<br/>THERMOSTAT     1       IG OR WALL<br/>DUNTING<br/>RACKET     1     1       IG OR WALL<br/>RACKET     1     1       IG OR WALL<br/>IG OR WALL<br/>RACKET     1     1       IG OR WALL<br/>IG OR WA</td> <td>CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         CONTAL       OF UNDER WSUPERVISION AND TO THE BEST         CONTAL       OF UNDER WSUPERVISION AND TO THE DEST         CHARDER       HUSTON         PROFESSIONAL ENGINEER       062-40045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARTIES, HUSTON         PROFESSIONAL ENGINEER       062-40045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARETIES, HUSTON         MARKS       Architecture Restoration Design         12.3       TRIPPARETIES, HUSTON         12.3       TRIPPARETIES, HUSTON         12.3       TREPAREMENTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2003         12.3       THE RESTRICT SUMMERTS OF THE ALARM         12.3       THE RESTRICT SUME 30, 2003         12.4       THE RESTRICT SUME 30, 2003         20.5       THE RESTRICT</td>   | 03       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       REQUIRE         HEATING<br>CAPACITY (MBH)       V         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         25.6       1         260 AND MOUNTER       1         SHALL PROVIDE       1         WATER       WTR PE         DROP/1       1         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         4       0.30         36.3       459.8   
   | 130       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       0.0         .7       .7         .7       0.0         .7       .7<   
   | 120       550       V         120       550       V         120       550       V         120       550       V         A       A       V         A       A       A         1/30       BERKO       HUHAA720         1/30       BUDTH       I         3492       24       I         3492       24       I         3492       24       I         3492       24       I         1164       24       I         12328       24       I         I       MANUFACT       IPA         MODEL NO.       IPA         I       I       I         I       I       I   | VULCAN<br>HV-36       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I         I       I         I       I         I       8 × 19 × 22         I       I  
   | EXPOSED     NOTE 1     UNIT 1       EXPOSED     NOTE 1     HORZ<br>UNIT       EXPOSED     NOTE 1     HORZ<br>UNIT       EXPOSED     NOTE 1     HORZ<br>UNIT       TDATA     CONTROLS     Re       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     Re       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     1     1       IG OR WALL<br>DUNTING<br>RACKET     1     1       IG OR WALL<br>DUNTING<br>RACKET     2-STAGE<br>INTEGRAL<br>THERMOSTAT     1       IG OR WALL<br>DUNTING<br>RACKET     1     1       IG OR WALL<br>RACKET     1     1       IG OR WALL<br>IG OR WALL<br>RACKET     1     1       IG OR WALL<br>IG OR WA  | CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         CONTAL       THESE DRAWINGS HAVE BEEN PREPARED AT AND         CONTAL       OF UNDER WSUPERVISION AND TO THE BEST         CONTAL       OF UNDER WSUPERVISION AND TO THE DEST         CHARDER       HUSTON         PROFESSIONAL ENGINEER       062-40045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARTIES, HUSTON         PROFESSIONAL ENGINEER       062-40045         EXPIRATION DATE: NOVEMBER 30, 2013       TRIPPARETIES, HUSTON         MARKS       Architecture Restoration Design         12.3       TRIPPARETIES, HUSTON         12.3       TRIPPARETIES, HUSTON         12.3       TREPAREMENTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2013         12.3       THE DESTRICT SUMMERTS OF THE CONVEMBER 30, 2003         12.3       THE RESTRICT SUMMERTS OF THE ALARM         12.3       THE RESTRICT SUME 30, 2003         12.4       THE RESTRICT SUME 30, 2003         20.5       THE RESTRICT   |
|  | ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 20<br>MODIPY THE FAN SUBMITTALS TO MATCH FIEL<br>CONTRACTOR TO MODIPY THE POWER AND CO<br>ALL ROOF MOUNTED FANS SHALL BE CENTRIFL<br>NECESSARY), WITH ELECTIC BACKORAFT DAN<br>INSTALLED BY THE MECHANICAL CONTRACTOR<br>FOR TE-4, WHERE EXISTING CURB IS BEING RET/<br>THE NEW FAN TO THE EXISTING CURB.  | 3 VOLT, 3 PHASE AS NOTE<br>CONDITIONS. MECHANICAL<br>ITROL CONNECTIONS AS P<br>GAL FANS WITH INSULATE<br>PER, FLASHED INTO ROOF  | D AND AS VERIFIED<br>CONTRACTOR DIRE<br>ER THE EXISTING FIE<br>D ROOF CURB (PTC<br>NG SYSTEM; ALL FU<br>ATED, CURB EXTEN<br>GENERAL<br>LOCATION H<br>HANICAL ROOM H<br>HANICAL ROOM H<br>IDE AIR VENT.             | IN THE FIEL D.<br>CT THE ELECTRICAL<br>LD CONDITIONS.<br>HED AS<br>JRNISHED AND<br>SIONS TO MATCH<br>AIR SEP<br>SYSTEM FLOV<br>SERVED RATE<br>(GPM<br>V HEATING 140<br>CHW 200<br>CHW 200<br>CHW 200  | ARATOR SCHEDULE  | Image: model NO.         REMARKS           RER         MODEL NO.         REMARKS           RL - 4         1, 2, 3           Image: model NO.         REMARKS   
  | ET-2 MECHANIC<br>CPT-1, MECHANIC<br>NOTES:<br>1 TANKS ARE<br>2 ASME STAN<br>3 PROVIDE W<br>4<br>BOILER<br>LOC<br>B-1 1ST FLR<br>B-2 1ST FLR<br>B-2 1ST FLR<br>1 PROVIDE H<br>2 PROVIDE B<br>3 CONDENSA<br>MUST BE A<br>IS NOT POS<br>4 CONDENSA<br>MUST BE A<br>IS NOT POS<br>6 PROVIDE IN<br>7 PROVIDE M<br>4 SYSTEM M<br>4 CONDENSA<br>MUST BE A<br>IS NOT POS<br>8 SECTION IV   
   | AL ROOM         EXPANSION         16         33.6         12           AL ROOM         CHW         16         33.6         12           AL ROOM         CHW         16         33.6         12           AL ROOM         CHW & HW         NA         5         12           EBLADDER TYPE  | 10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           10         125           100         126           11         100           12         100           130         100           14         100           15         100           15         100           15         100           16         100           17         100           18         100           100         100           11         100           12         100           100         100  
  | 50         90         HOI<br>WATER<br>G         G           50         90         CHW<br>WATER<br>MA         NA           NA         NA         CHW &<br>HW         N           NA         NA         CHW &<br>HW         N           SCHEDULE         ELEF<br>VORKG<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE<br>SURE  | DELL &<br>SOSSETT DV       1, 2, 3         BELL &<br>SOSSETT DV       1, 2, 3         IEPTUNE VTF-       -         5       -         PHASE       FULL LOAD         PHASE       FULL LOAD         PHASE       FULL LOAD         Y       3         3       7.4         3       7.4         3       7.4         3       7.4         3       7.4         ANUFACTURERS & M         CONDENSATE DRAINAGE :<br>ANUFACTURER. PIPE TO PI         NEOPHRENE VIBRATION IS         SOUND, SINGLE POINT PO         RESTRAINED SPRING FOR AND S         INE.         DING AUTOMATION INTERF         ON SPRING ISOLATORS AND S         NULDA OF THE FURNISIS   
   | YERATG<br>(LES)       MANFRS & MODEL NO.         2600       CLEAVER - BROOKS<br>MODEL CFC 1000         2014       FLOW         9  
  | UH-1       I         UH-2       1ST FL         I       REFER T         2       3         3       4         3       4         4       3         4       3         1,2,3,4,5,6,<br>7,8,9,10,11         1,2,3,4,5,6,<br>7,8,9,10,11         1,2,3,4,5,6,<br>7,8,9,10,11         1,2,3,4,5,6,<br>7,8,9,10,11         UDERUS SB         PLIED BY         ODOT         SGUND PO         JLING<br>CTOR<br>-sqft-<br>BTU)         OO01       30         JO01       30         OOTAVE         A-WGTED S         IOISE       A-WGTED S         ND A OF       A-WGTED S   | M       15         D       TEMPERATURE CONT         D       Image: Content of the second | 120       1         120       1         ROL SPECIFICATIO         ROL SPECIFICATIO         UNIT       LC         HEATER       LC         EUH-1       1ST         EUH-2       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         EUH-3       1ST         RP-1       ELECT         3       THE ED         4       -         TAG       L         RP-1       ELECT         RP-3       G         RP-3       G         RP-4       G         R       R         R       R         R       R         R       R         R       G         R       G         R  
   | 1.1       NA       C         1.1       NA       C         1.1       NA       C         NS AND SHEET M6.6 FOR       N         NS AND SHEET M6.6 FOR       POWER         NS AND SHEET M6.6 FOR       POWER         CATION       POWER         CATION       POWER         IFLOOR       7.5         FLOOR       7.5         FLOOR       7.5         IFLOOR       7.5         CATION       GPM         MP RM       7.5         COCA TION       GPM         IST FLR       0.35         IST FLR       0.12         SHOWER       0.12         SHOWER       0.12         SHOWER       0.12         SHOWER       0.23         IST FLR       0.12         SHOWER       0.23         IST FLR       0.23         SHOWER       0.23         IST FLR       0.23         IST FLR       0.23         SHOWER       0.23         IST FLR       0.23         SHOWER       0.23         IST FLR       0.23         IST FLR       0.41 <td>03       NA         08       NA         08       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING CAPACITY (MBH)         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         260 AND MOUNTEE       0         SHALL PROVIDE       0         SHALL BE MANUFA       0.10         CARGERA       MINIMUM         CIGERA       MINIMUM         CIGERA       MINIMUM         CHARGE       SA         36.3       459.8         37       88         84       88</td> <td>130       0.30       2         150       0.56       2         MENTS.      </td> <td>.7       0.0         <td< td=""><td>120       550       V         120       550       V         120       550       V         120       550       V         A       MANFR &amp; MODEL NO         1/30       BERKO HUHAA720         11/30       BERKO HUHAA720         3492       24         3492       24         3492       24         3492       24         3492       24         3492       24         3492       24         328       24         2328       24         2328       24         24       164         30RAP100       If.         0       CARRIER SORA         0       CARRIER SORA</td><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I         I       I         I       I         I       8 × 19 × 22         I       I</td><td>EXPOSEDNOTE 1UNIT IEXPOSEDNOTE 1HORZ<br/>UNIT IEXPOSEDNOTE 1HORZ<br/>UNIT ITDATACONTROLSREIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATREIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATREIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIJRERMODEL NO.REMAIG OR WALL1.21.2IG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIJRERMODEL NO.REMAIG OR WALL1.21.2IG OR WALL1.2</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPACE AT AND         EATER       OF UNDER WYSURE VISION AND TO THE BEST         (CAUTAC       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       PROFESSIONAL ENGINEER         (D02-040045       EXPIRATION DATE: NOVEMBER 30, 2013         (PATER)       TR I P A R T I E , MUSTON         PROFESSIONAL ENGINEER       062-040045         (PATER)       EXPIRATION DATE: NOVEMBER 30, 2013         (PATER)       TR I P A R T I E C, MUSTON         (PATER)       Architecture Restoration Design         (PATER)       MATRIX ENGINEERING CORPORATION         30 W. JACCOOR BUY, HTP.       MARKS         12.3       STEE DESIGN GROUP, LTD.         23 W. JACCOOR BUY, MITHE TOOK / CHICAGO, L. 6004       MITHESE CONSCIENCE         24 MUSCARE BURGE GROUP, LTD.       EXPIRATION CHICAGO, L. 6004         23 W. JACCOOR BUY, MITHE T HOOK / CHICAGO, L. 6004       MITHESE CONSCIENCE         33 W. JACCOOR BUY, MITHE T HOOK / CHICAGO, L. 6004       MITHESE CONSCIENCES         34 MUSCARE BURGE WING, MICHAGO, L. 6004       MITHESE MITHEROW / CHICAGO, L. 6004         35 MUSCARE BURGE WING, MICHAGO, L. 6004       MITHESE         36</td></td<></td>  | 03       NA         08       NA         08       NA         08       NA         08       NA         CONTROL REQUIRE         ACITY       HEATING CAPACITY (MBH)         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       25.6         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         25.6       0         260 AND MOUNTEE       0         SHALL PROVIDE       0         SHALL BE MANUFA       0.10         CARGERA       MINIMUM         CIGERA       MINIMUM         CIGERA       MINIMUM         CHARGE       SA         36.3       459.8         37       88         84       88   
   | 130       0.30       2         150       0.56       2         MENTS.   | .7       0.0         .7       0.0 <td< td=""><td>120       550       V         120       550       V         120       550       V         120       550       V         A       MANFR &amp; MODEL NO         1/30       BERKO HUHAA720         11/30       BERKO HUHAA720         3492       24         3492       24         3492       24         3492       24         3492       24         3492       24         3492       24         328       24         2328       24         2328       24         24       164         30RAP100       If.         0       CARRIER SORA         0       CARRIER SORA</td><td>VULCAN<br/>HV-36       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br/>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I         I       I         I       I         I       8 × 19 × 22         I       I</td><td>EXPOSEDNOTE 1UNIT IEXPOSEDNOTE 1HORZ<br/>UNIT IEXPOSEDNOTE 1HORZ<br/>UNIT ITDATACONTROLSREIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATREIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATREIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIIG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIJRERMODEL NO.REMAIG OR WALL1.21.2IG OR WALL2-STAGE<br/>INTEGRAL<br/>THERMOSTATIJRERMODEL NO.REMAIG OR WALL1.21.2IG OR WALL1.2</td><td>CONTAL       THESE DRAWINGS HAVE BEEN PREPACE AT AND         EATER       OF UNDER WYSURE VISION AND TO THE BEST         (CAUTAC       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       PROFESSIONAL ENGINEER         (D02-040045       EXPIRATION DATE: NOVEMBER 30, 2013         (PATER)       TR I P A R T I E , MUSTON         PROFESSIONAL ENGINEER       062-040045         (PATER)       EXPIRATION DATE: NOVEMBER 30, 2013         (PATER)       TR I P A R T I E C, MUSTON         (PATER)       Architecture Restoration Design         (PATER)       MATRIX ENGINEERING CORPORATION         30 W. JACCOOR BUY, HTP.       MARKS         12.3       STEE DESIGN GROUP, LTD.         23 W. JACCOOR BUY, MITHE TOOK / CHICAGO, L. 6004       MITHESE CONSCIENCE         24 MUSCARE BURGE GROUP, LTD.       EXPIRATION CHICAGO, L. 6004         23 W. JACCOOR BUY, MITHE T HOOK / CHICAGO, L. 6004       MITHESE CONSCIENCE         33 W. JACCOOR BUY, MITHE T HOOK / CHICAGO, L. 6004       MITHESE CONSCIENCES         34 MUSCARE BURGE WING, MICHAGO, L. 6004       MITHESE
MITHEROW / CHICAGO, L. 6004         35 MUSCARE BURGE WING, MICHAGO, L. 6004       MITHESE         36</td></td<>  | 120       550       V         120       550       V         120       550       V         120       550       V         A       MANFR & MODEL NO         1/30       BERKO HUHAA720         11/30       BERKO HUHAA720         3492       24         3492       24         3492       24         3492       24         3492       24         3492       24         3492       24         328       24         2328       24         2328       24         24       164         30RAP100       If.         0       CARRIER SORA         0       CARRIER SORA  | VULCAN<br>HV-36       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         9 × 15 × 18       9         I       9 × 15 × 18         VULCAN<br>HV-36       9 × 15 × 18         I       9 × 15 × 18         I       9 × 15 × 18         I       I         I       I         I       I         I       8 × 19 × 22         I       I         I       I         I       I         I       I   
     I       I      | EXPOSEDNOTE 1UNIT IEXPOSEDNOTE 1HORZ<br>UNIT IEXPOSEDNOTE 1HORZ<br>UNIT ITDATACONTROLSREIG OR WALL2-STAGE<br>INTEGRAL<br>THERMOSTATREIG OR WALL2-STAGE<br>INTEGRAL<br>THERMOSTATREIG OR WALL2-STAGE<br>INTEGRAL<br>THERMOSTATIIG OR WALL2-STAGE<br>INTEGRAL<br>THERMOSTATIIG OR WALL2-STAGE<br>INTEGRAL<br>THERMOSTATIIG OR WALL2-STAGE<br>INTEGRAL<br>THERMOSTATIJRERMODEL NO.REMAIG OR WALL1.21.2IG OR WALL2-STAGE<br>INTEGRAL<br>THERMOSTATIJRERMODEL NO.REMAIG OR WALL1.21.2IG OR WALL1.2  | CONTAL       THESE DRAWINGS HAVE BEEN PREPACE AT AND         EATER       OF UNDER WYSURE VISION AND TO THE BEST         (CAUTAC       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       OF UNDER WYSURE VISION AND TO THE BEST         (PATER)       PROFESSIONAL ENGINEER         (D02-040045       EXPIRATION DATE: NOVEMBER 30, 2013         (PATER)       TR I P A R T I E , MUSTON         PROFESSIONAL ENGINEER       062-040045         (PATER)       EXPIRATION DATE: NOVEMBER 30, 2013         (PATER)       TR I P A R T I E C, MUSTON         (PATER)       Architecture Restoration Design         (PATER)       MATRIX ENGINEERING CORPORATION         30 W. JACCOOR BUY, HTP.       MARKS         12.3       STEE DESIGN GROUP, LTD.         23 W. JACCOOR BUY, MITHE TOOK / CHICAGO, L. 6004       MITHESE CONSCIENCE         24 MUSCARE BURGE GROUP, LTD.       EXPIRATION CHICAGO, L. 6004         23 W. JACCOOR BUY, MITHE T HOOK / CHICAGO, L. 6004       MITHESE CONSCIENCE         33 W. JACCOOR BUY, MITHE T HOOK / CHICAGO, L. 6004       MITHESE CONSCIENCES         34 MUSCARE BURGE WING, MICHAGO, L. 6004       MITHESE MITHEROW / CHICAGO, L. 6004         35 MUSCARE BURGE WING, MICHAGO, L. 6004       MITHESE         36  |

	VARIABLE AIR VOLUME (VAV) TERMINAL UNIT SCHEDULE	
	TAG       LOCATION       TYPE       DESCRIPTION       FACE       NEX       MATERIAL / FINISH       MANUFACTURER / MODEL       COMMENTS       AIR VOLUMES       DUCT SIZES       AIR PRESSURE DROP       NOISE CRITERIA, MAX       TEMP (DEG F)       HW COL       TEMP (DEG F)       UNIT DATA         S       S       SIZE       SIZE       MATERIAL / FINISH       MANUFACTURER / MODEL       COMMENTS       MAX AIR       MINURREHEAT       NI ET SIZE       OUTLET       VATE       MATERIAL / FINISH       WATER       MATERIAL / FINISH       WATER       MAX AIR       MINURREHEAT       NI ET SIZE       OUTLET       VATE       VATER       VATER       NI ATERIAL / FINISH       VATER	
NOTE     TYPE     TYPE     CONTRACT     CEET     DIF     <	Notes     Supply     Supply <td></td>	
ECH RM PRIMARY HOT WATER INLINE CENTRI HOT WTR 90 40 1.5 2.0 1750 208 3 60 NA BELL & GOSSETT MODEL 1531 1-1/2 AC 2.0, 1.5 1, 2	A         CELING DFFUSE         CELING DFFUE         CELING	
ECH RM       PRIMARY HOT WATER HEATING       INLINE CENTRI FUGAL       HOT WTR       90       40       1.5       2.0       1750       208       3       60       NA       BELL & GOSSETT MODEL 1531 1-1/2 AC       2.0, 1.5       1, 2	Build of the state of	
ECH RM       AHU-1 HOT WATER COIL       INLINE CENTRI FUGAL       HOT WTR       10       20       0.2       0.25       1750       208       3       60       NA       BELL & GOSSETT MODEL 60 - 1.0 X 1.0       1.25, 1.25       2, 3	B         CELLING         SUCT         SUCT <th< td=""><td>·</td></th<>	·
AHU-2 HOT WATER INLINE CENTRI HOT 40 00 00 000 000 000 000 000 000 000 0	Image: Normal condition of the condition of	
ECH RM         COIL         FUGAL         WTR         10         20         0.2         0.25         1750         208         3         60         NA         MODEL 60 - 1.0 X 1.0 X 5.25         1.25, 1.25         2, 3	NIL OR         SUBDIX SIL         SUBSCI SIDE         SUBDIX SIL         SUBX SI SIN SIN SIN SIN SIN SIN SIN SIN SIN	
ECH RM PRIMARY CHILLED NLINE CENTRI FUGAL CHW 170 50 3.1 5.0 1750 208 3 60 NA BELL & GOSSETT MODEL 1531 2-1/2 BB 2.0, 1.5 1, 2	B         SIL OR WALL         SIL OR WALL         SIL OR WALL         SUPPLY SILL REGISTER         SUPPLY SILL NAMELED, OR OTHER FINISH AS APPROVED BY ARCHITECT; FRAMING AND GRILLE CONNECTIONS AS PER ARCHITECT/URAL DETAILS.         SUPPLY SILL NAMELED, OR OTHER FINISH AS APPROVED BY ARCHITECT         PRICE MODEL LBP ARCHITECT; FRAMING AND GRILLE ARCHITECT; FRAMING AND GRILLE         PRICE MODEL LBP ARCHITECT         PRICE MODEL LBP A	
ECH PM PRIMARY CHILLED INLINE CENTRI CUMU 470 F0 04 F0	PENICAL PROOF BAR SPACING.         PENICAL PROOF BAR SPACING. <th< td=""><td></td></th<>	
WATER         FUGAL         OHW         170         50         3.1         5.0         1750         208         3         60         NA         MODEL 1531 2-1/2 BB         2.0, 1.5         1, 2	VELING         REGINE         GRILE (GR) IS WITHOUT DAMPER.         ENAMEL         ENAMEL         VAV2-6         CLASS 226         1300         439         14         20x18         0.5         1.0         <15         60         112.06         25.26         2.0         2         551         0.27         150         123.42         2.23         PRICE         SDV 05         1,2,3,4           F         WALL OR CELING         EXHAUST- RETURN         CENTER BLASED, OPPOSED BLADE REGISTER WITH 3/4" ON CENTER BLASED, OPPOSED BLADE DAMPER.         VARES         PRICE 530D         1300         439         14         20x18         0.5         1.0         <15         60         112.06         25.26         2.0         2         51         0.27         150         123.42         2.23         PRICE         SDV 05         1,2,3,4           F         WALL OR CELING         EXAMPE         EXAMPE         PRICE 530D         PRICE 530D         PRICE 530D         PRICE 530D         1300         439         14         20x18         0.55         1.0         21.05         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0 <t< td=""><td></td></t<>	
RY PUMPS, PROVIDE WITH VARIABLE FREQUENCY DRIVE (VFD); VARY VOLUME TO MAINTAIN SYSTEM PRESSURE.	Image: Normal and the set of the se	
E ENTIRE MECHANICAL ROOM, PROVIDE ISOLATION, RESILIENT HANGERS FOR ALL PIPING, DUCTWORK, D EQUIPMENT HUNG FROM STRUCTURE VIP WITH AHU CONTROLS INCLUDING FREEZE PROTECTION	Gene       GRILE       CENTER BLASED, GRILLE (GR) S WITHOUT       VARIES       FNAME       PRICE 530D       EACH LOCATION WITH MAX 5 FEET DUCT BETWEEN.       VAV2-9       CLASS 220       1300       439       14       20x18       0.5       4.5       60       112.06       25.26       2.0       2       51       0.27       150       12.42       2.23       PRICE       SDVQ5       1,3,4         MAX 5 FEET DUCT       BETWEEN.       SCIENCE WEST       300       1300       14       20x18       0.5       1.0       <15	
	NOTES:       Notes       Notes <t< td=""><td>                                     </td></t<>	
EXHAUST FAN SCHEDULE	2       MAXIMUM NOISE LEVELS OF NC-25 AT INLET/OUTLET.       231       230       66       6       12 x 8       0.5       1.0       <15       <15       <60       119.10       4.31       0.60       2       450       0.16       134.86       0.12       PRICE       SDV Q5       1,0,3,4         2       MAXIMUM NOISE LEVELS OF NC-25 AT INLET/OUTLET.       201       201       66       6       12 x 8       0.5       1.0       <15	8
UNIT TAG LOCATION SERVICE ARR (CFM) STATIC TAG LOCATION SERVICE ARR (CFM) STATIC (CFM) CFM, STATIC (CFM) STAT	4       EXACT REGISTER LOCATIONS, TYPES AND FINISHES SHALL BE APPROVED BY THE ARCHITECT PRIOR TO PURCHASE OR INSTALLATION.         4       DIFFUSER MANUFACTURER SHALL PROVIDE FULL ADPLANALYSIS FOR EACH DIFFERENT ROOM AND SUPPLY REGISTER & DIFFUSER PERFORMANCE DATA MUST BE	H H H
TE-1       ROOF       FIRST FLOOR EAST TOILET ROOMS       666       0.500       ROOF       1000       BELT       0.5       120       GREENHECK       GB-121-4       60       1       1,2,3,4       25 DIAM X 25 HIG 12 X 12 DUCT	5       SPECIFIC FOR THIS BUILDING AND ROOM CONDITIONS, INCLUDING THROW DISTANCES, NC OCTAVE BAND LEVEL, PRESSURE DROPS, AND WITH CUSTOM ASPI REPORT ACCORDING TO THE LATEST APPLICABLE, USGBC LEED CERTIFICATION REQUIREMENT. ADPI REPORT MUST BE APPROVED PRIOR TO PRODUCT DATA SUBMITTALS.	-
TE-2       ROOF       FIRST FLOOR WEST TOILET ROOMS       330       0.500       ROOF       850       BELT       0.25       120       GREENHECK       GB-91-4       60       1       1,2,3,4       24 IN DIAM X 25 HIGH, 12 X 12 DU 16 X 40 PLOT         TE-3       ROOF       SECOND FLOOR TOILET ROOM       1,420       0.500       ROOF       1070       BELT       0.5       120       GREENHECK       GB-141-5       60       1       1,2,3,4       29 DIAM X 25 HIGH         TE-3       ROOF       SECOND FLOOR TOILET ROOM       1,420       0.500       ROOF       1070       BELT       0.5       120       GREENHECK       GB-141-5       60       1       1,2,3,4       29 DIAM X 25 HIGH         TE-3       ROOF       SECOND FLOOR TOILET ROOM       1,420       0.500       ROOF       1070       BELT       0.5       120       GREENHECK       GB-141-5       60       1       1,2,3,4       29 DIAM X 25 HIGH	Image: Note with an integral, CPS approved, Double wall silencer section, with Fiber-Free Liner.         Image: CT       PRESSURE FILL SYSTEM SCHEDULE       Image: Comparison of the variable are volume boxes shall be ddc, pressure independent, single duct units, with multi-point sensors, i inch thick insulation. Vav boxes         H,       General       Tank data       Pump data       Unit data       Pump data       Unit data       Pump data       Not pressure independent, single on pressure independent, single duct units, with multi-point sensors, i inch thick insulation. Vav boxes	AR
EF-1       ROOF       MDF ROOM       500       0.500       ROOF       1000       BELT       0.33       120       GREENHECK       GB-121-4       60       4       1,2,3,4       25 DIAM X 25 HIG 12 X 12 DUCT         EF-2       ROOF       EFECTRICAL POOM       000       0.500       ROOF       4450       RET       0.00       0.000       1000	H, UNIT TAG LOCATION SERVED FLUID FLUID FLUID (PSI-WG) (GALS) WG) HPV SETPOINT (GPM) HP VOLTS PHASE (GPM) HP VOLTS	
KE-1       ROOF       KITCHEN HOOD (TYPE II)       1,200       1.000       ROOF       1150       BEL I       0.33       120       GREENHECK       GB-121-4       60       5       1,2,3,4       12 X 12 DUCT         KE-1       ROOF       KITCHEN HOOD (TYPE II)       1,200       1.000       ROOF       1480       BEL T       0.33       120       GREENHECK       GB-121-4       60       5       1,2,3,4       12 X 12 DUCT	PFS-1     1ST FLR MECH RM     HW HEATING     30% PROP GLYCOL     50     30     20     10     0.5     120     1     BORNQUIST MODEL BPF- 3H3055M     ALL VAV BOX CASINGS ARE APPROXIMATELY 68 INCH LONG WITH INTREGAL SILENCER.	
KE-2       ROOF       GENERAL KITCHEN EXHAUST       2,150       0.500       ROOF       1100       BELT       0.75       120       GREENHECK       CUBE 161-7       100       1,3       1,2,3,4       29 IN DIAM X 30 HIGH, 16 X 16 DU	N       PFS-2       1ST FLR MECH RM       CHW COOLING       30% PROP GLY COL       50       30       20       10       0.5       120       1       BORNQUIST MODEL BPF- 3H3055M         CT       V	
TE-4       EXIST ROOF       EXIST TOILET & JANITOR CLST       250       0.500       ROOF       1000       BELT       0.167       120       GREENHECK       GB-91-6       60       1       1,2,3,4       24 IN DIAM X 25 HIGH, 12 X 12 DU         Image: Comparison of the second	Notes:     Heating     AR     Notes:	
FAN SERVICE NOTES       1	2     IAG     (MBH)     (DEG F)     (GPM)     F)     (CFM)     X X X (V)     X     VERTICAL       3	×AR
2 FAN CONTROL NOTESSEE BAS SPECIFICATIONS AND DETAILS. 1 ON/OFF CONTROL VIA BUILDING AUTOMATION SYSTEM ON DURING OCCUPIED PERIODS	OUT       CORRIDOR       20       1.4       1.00       0.1       2       1.00       0.0       1.20       420       RW-1120- 04       25       RECESSED       NOTE 1       CABINET         HYDRONIC TANK SCHEDULE       Image: Construction of the con	
2       SEPARATE, LOCAL SWITCH IN SERVED ROOM, WITH PILOT LIGHT AND LABEL.         3       INTERLOCK WITH HVAC UNIT.	STAIR       STAIR <th< td=""><td>SO  </td></th<>	SO
4       PROVIDE TEMPERATURE SENSOR, WITH ADJUSTABLE SETPOINT (90F).         5       PROVIDE TEMPERATURE SENSOR, WITH ADJUSTABLE SETPOINT (85F).         GENERAL FAN NOTES	NO         DIANY         URAL         DIANY	
ALL FANS ARE FURNISHED AND INSTALLED BY MC. ALL STARTERS ARE FURNISHED BY MC AND INSTALLED BY EC. POWER WIRING IS BY EC AND CONTROL WIRING IS BY MC.		
ALL FANS SHALL BE 120 VOLT, 1 PHASE OR 208 VOLT, 3 PHASE AS NOTED <b>AND AS VERIFIED IN THE FIELD</b> . 2 MODIFY THE FAN SUBMITTALS TO MATCH FIELD CONDITIONS. MECHANICAL CONTRACTOR DIRECT THE ELECTRICAL CONTRACTOR TO MODIFY THE POWER AND CONTROL CONNECTIONS AS PER THE EXISTING FIELD CONDITIONS.	ET-2       MECHANICAL ROOM TANK       16       33.6       12       10       12       50       0.0       12       10       12       10       11       NA       0.08       NA       150       0.56       2.7       0.0       120       12       13       10       10       12.5       NOTE 1	COMPLY WITH TH CHICAGO DEPAR
ALL ROOF MOUNTED FANS SHALL BE CENTRIFUGAL FANS WITH INSULATED ROOF CURB (PITCHED AS NECESSARY), WITH ELECTRIC BACKDRAFT DAMPER, FLASHED INTO ROOFING SYSTEM; ALL FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.	CPT-1, CPT-2     MECHANICAL ROOM     CHW & HW POT FEEDER     NA     5     12     10     125     NA     NA     CHW & HW     CHW & HW     NA     CHW & HW <th< td=""><td>ILLINOIS ROBERT B. HI</td></th<>	ILLINOIS ROBERT B. HI
4 FOR TE-4, WHERE EXISTING CURB IS BEING RETAINED, PROVIDE PREFABRICATED, CURB EXTENSIONS TO MATCH	NOTES:     Image: Notestand tested       1     TANKS ARE BLADDER TYPE.       2     ASME STAMPED AND TESTED.	PROFESSION 062-040045 EXPIRATION
THE NEW FAN TO THE EXISTING CURB.	3       PROVIDE WITH BLUE LINE SIGHT GAUGE       ELECTRIC UNIT       TEAT ICK SCHEDULE         3       PROVIDE WITH BLUE LINE SIGHT GAUGE       FAN DATA       UNIT DATA         4       UNIT       HEATING       AIR       CABINET SIZE	
	HEATER LOCATION TAG LOCATION LOCATION LOCATION UNDER SCHEDULE HEATER LOCATION UNDER SCHEDULE AMPS VOLUME NO. HP MANIFR & MODEL NO. HP MANIFR & MODEL NO. W X H) MOUNTING CONTROLS REMARKS	
AIR SEPARATOR SCHEDULE	Image: Normal and the second of the secon	
GENERAL MAX MAXIMUM MAXIMUM MAXIMUM MANUFACTURER MODEL NO. REMARKS	TAG         TAG         MBH         TMBH         TM	MATRIX ENGIN 33 W. JACKSON BI VD
IAG SERVED RATE DIAM.) DROP (FT- (GPM) WC) UC	I NOVE         I NOVE<	STRUCTURAL ENGINEE
AS-1MECHANICAL ROOMHW HEATING1404 INCH12BELL & GOSSETTRL - 41, 2, 3AS-2MECHANICAL ROOMCHW COOLING2004 INCH12BELL & GOSSETTRL - 41, 2, 3	NOTES:       NOTES:       NOTES:       NOTES:       NOTES:       BRACKET       THERMOSTAT         1       PROVIDE HARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOILER SPECIFICATIONS.       9       ALTERNATE MANUFACTURERS & MODELS AS APPROVED BY CPS: BUDERUS SB       NOTES:       NOTES: <td< td=""><td>LANDSCAPE DESIGN</td></td<>	LANDSCAPE DESIGN
NOTES:       1     PROVIDE AIR VENT.       2	2       PROVIDE BAS- REMOTE / LOCAL MANUAL CONTROL SWITCH.       10       INSURE CONDENSATE DISTRICTORES FOR MANUAL CONTRACTOR SHALL PROVIDE LOW-VOLTAGE WIRING AND RACEWAY.         3       PROVIDE FLUE CONDENSATE GAS TRAP WITH NEUTRALIZING CONTAINER. THE FLUE SYSTEM MUST ALLOW THE CONDENSATE TO RUN BACK TO THE BOILER. LOW POINTS IN THE FLUE SYSTEM WHERE CONDENSATE COULD COLLECT       11       PROVIDE NEOTION FOR DAILOR OF THE BOILER. LOW POINTS IN THE FLUE SYSTEM WHERE CONDENSATE COULD COLLECT	CIVIL ENGINEERING
	3       MUST BE AVOIDED. THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A WAY THAT KINKING OF THE DRAIN HOSE       11       PROVIDE NEOPHRENE VIBRATION ISOLATION PADS UNDER BOILERS.         1       IS NOT POSSIBLE. THE CONDENSATE NEUTRALIZER MUST BE INSTALLED BELOW THE LEVEL OF THE DRAIN.       11       PROVIDE NEOPHRENE VIBRATION ISOLATION PADS UNDER BOILERS.         1       BREECHING AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE BOILER MANUFACTURER. THE FLUE       11       PROVIDE NEOPHRENE VIBRATION ISOLATION PADS UNDER BOILERS.         1       BREECHING AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE BOILER MANUFACTURER. THE FLUE       11       PROVIDE NEOPHRENE VIBRATION ISOLATION PADS UNDER BOILERS.         1       BREECHING AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE BOILER MANUFACTURER. THE FLUE       11       PROVIDE NEOPHRENE VIBRATION ISOLATION PADS UNDER BOILERS.         2       BREECHING AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE BOILER MANUFACTURER. THE FLUE       11       PROVIDE NEOPHRENE VIBRATION ISOLATION PADS UNDER BOILERS.         3       BREECHING AND COMBUSTION AIR PIPING LAYOUT MUST BE APPROVED BY THE BOILER MANUFACTURER. THE FLUE SY STEM WHERE       11       PROVIDE NEOPHRENE VIBRATION ISOLATION PADS UNDER BOILERS.	J 2217 N. WESTERN AVE MECHANICAL, PLUMB
	4       CONDENSATE COULD COLLECT MUST BE AVOIDED. THE CONDENSATE DRAIN SHOULD BE INSTALLED IN SUCH A WAY THAT KINKING OF THE DRAIN HOSE IS NOT POSSIBLE. THE CONDENSATE NEUTRALIZER MUST BE INSTALLED BELOW THE LEVEL OF THE DRAIN.       12         5       PROVIDE BOILER EMERGENCY SHUT-OFE SWITCH       13	30 E. ADAMS ST, SUITI QUALITY CONTROL, LO
	3       PROVIDE BOLICER LIVERGENCY SHUT-OFF SWITCH $13$ $13$ $100011$ $000111$ $000111$ $000111$	3660 N LAKE SHORE D LEED CONSULTING EDGE ASSOCIA
	8         SECTION IV, UL 795, TYPE "H", 160 PSI & 250 F MAX.,         16         16         HEF-2         1, 2, 3           RP-2         1ST FLR BOYS         0.12         4         0.10         150         120         291         144         AIRTEX         HEF-2         1, 2, 3	220 E. LAKE STREET, S FOOD SERVICES
	NOVER     OLD     OLD<	718 FOSTER AVE / BEN: HARDWARE CONSULTA
	RP-5       2ND FLR GIRLS       0.23       4       0.30       150       120       291       2328       24       96       AIRTEX       HEF-2       1, 2,, 3         RP-6       2ND FLR BOYS       0.23       4       0.30       150       120       291       2328       24       96       AIRTEX       HEF-2       1, 2,, 3	
	BOTO     Image: Constraint of the second secon	
	1       SIZED FOR 30 PERCENT PROPY LENE GLY COL HOT WATER.         2       RADIANT CEILING PANELS SHALL BE MANUFACTURED BY AEROTECH, AIRTEX OR APPROVED EQUAL, INSTALLED BY A SUPPLIER, APPROVED BY THE MANUFACTURER. THE         2       MECHANICAL CONTRACTOR IS DESERVICED IN TAXABLE OF TAXABLE OF CONTRACTOR IS DESERVICED.	2 ADDENE
	3 RADIANT CEILING PANELS SHALL BE MANUFACTURED BY AEROTECH, AIRTEX OR SPECIFIED EQUAL.	
	AIR-COOLED CHILLER SCHEDULE	6 7
	CHILLER       NOMINAL       ACTUAL       ENTERING       LEAVING       AMBIENT       EVAPORATOR FLOW       FOULING       CONDENSER FANS       COMPRESSORS       MINIMUM       ILEA       OPERATI       MANUFACT       IPLV       STEPS OF       PIPE       SIZE (L X)       MINIMUM       UNIT	SCALE:
	IAG     CAPACITY     CAPACITY     TEMP (DEG     TEMP     TEMP (DEG     TEMP     FLOW     PRESSURE     {(hr-sqft- (DEG F)     OLVARIAN     NO.     KW     TOTAL     NO.     RLA     RLA     RLA     RLA     RLA     MODEL NO.     EFFICIENC (LBS)     LOADING     EFFICIENC (LBS)     LOADING     TOTAL     NO.     KW       IAG     (TONS)     (TONS)     F)     (DEG F)     (DEG F)     (DEG F)     (DEG F)     F/BTU}     (DEG F)     F/BTU}     NO.     KW     TOTAL     NO.     KW     NO.     COMPR 1     COMPR 2     (LBS)     AMPS     VOLTO     MODEL NO.     EFFICIENC Y (EER)     LOADING     TIONS     FET)     NCES (FEET)     NCES	PLOT DATE.: 12
	C-1       ROOF       100       92.7       44       58       95       166       16.3       0.001       30       7       1.2557       8.79       5       NA       NA       86.3       459.8       208       3       60       R-410A       5500       CARRIER (ARRIER)       15.4       5       4 INCH       15.91 X (A ND UN)       SEE ALL	PBC CONTRAC
	ACCESSORIES: COOLER HEATER, ULTRA LOW SOUND, SINGLE POINT POWER CONNECTION, PROVIDE 1 ACCESSORIES: COOLER HEATER, ULTRA LOW SOUND, SINGLE POINT POWER CONNECTION, PROVIDE 2 1 SEPARATE DISCONNECT SWITCH FOR ELECTRICAL CONTRACTOR INSTALLATION. 2 1 0 0 0 1000 2000 4000 8000 TOTAL	IS AVAILABLE IN THE S PERSON MAY DISTURE UNLESS THAT PERSON CONDUCTS SUCH WO SPECIFICATION(S) CON
	2 PROVIDE MINIMUM 2 INCH STATIC DEFLECTION, RESTRAINED SPRINC ISOLATORS; THE CHILLER UNIT SHALL BE DISTANCE 55 55 55 50 45 50 45 50 64	AND IN COMPLIANCE RULES AND REGULAT
	3       PROVIDE SOUND ATTENUATION REQUIRED TO MEET CHICAGO, CPS AND STATE EXTERIOR AND INTERIOR NOISE RESTRICTIONS. MAXIMUM 55 DBA AT THE LOT LINE.       A-WGTED SOUND PRESS, DBA       15       28       43       48       52       51       46       49       59	MECHA   SCHED
	4       PROVIDE BAChet COMMUNICATIONS, AND BUILDING AUTOMATION INTERFACE AS CPS SPECIFICATIONS.       87       87       87       92       88       87       88       82       77       82       97         FOR THE CHILLER, PROVIDE 2 INCH DEFLECTION SPRING ISOLATORS AND NEOPRENE ISOLATION MOUNTS         (MASON SLIR OR FOLIAL)       SIZED FOR THE POINT LOAD OF THE FURNISHED CHILLER FOR ALL PIPING AND       87       87       87       88       82       77       82       97	
	5       In a solid of the point Load of the	SHEET

															CON	NDENS	ING BOI	LER SCH	IEDULE	=					
										CAPA	ACITY							ELECTRICAL DATA							
	GENERAL	AIR	SEPA	RATOR S	CHEDU	LE			BOILER	LOCATION	MAX/MIN NATL GAS INPUT			ENTER WTR TEMP (DEG W	LEAVG VTR TEMP		MAX OPERATG	MAX WORKG PRESSURE	RELIEF VALVE	VOLTS	PHASE	FULL LOAD	OPERATG WEIGHT	MANFRS & MODEL NO.	REMARKS
			MAX		MAXIMUM				iAG		PRESSURE	MBH		F)	(DEG F)		TEMP (DEG F)	(PSI)	(PSI)				(LBS)		
UNIT TAG	LOCATION	SY STEM SERVED	FLOW	PIPE SIZE (INCH- DIAM.)	PRESSURE DROP (FT-	MANUFACTURER	MODEL NO.	REMARKS	B-1	1ST FLR BOILER RM	14 IN WC, 7 IN WC	1000	960	120	150	30% PROP GLYCOL	180	160	160	208	3	7.4	2600	CLEAVER - BROOKS MODEL CFC 1000	1,2,3,4,5,6, 7,8,9,10,11
			(GPM)		WC)				B-2	1ST FLR BOILER RM	14 IN WC,	1000	960	120	150	30% PROP	180	160	160	208	3	7.4	2600	CLEAVER - BROOKS	1,2,3,4,5,6,
		+ +				BELL &					7 IN WC					GLYCOL					-			MODEL CFC 1000	7,8,9,10,11
AS-1	MECHANICAL ROOM	HW HEATING	140	4 INCH	12	GOSSETT	RL - 4	1, 2, 3	NOTE	S: 															
AS-2	MECHANICAL ROOM	CHW	200	4 INCH	12	BELL &	RL - 4	1.2.3	1	PROVIDE HARD-WIRED, CPS APPROVED BAS INTERFACE PER BAS AND BOILER SPECIFICATIONS. 9 ALTERNATE MANUFACTURERS & MODELS AS AF 615 MODEL 240, AERCO KC-1000 GWB									SAFFROVED BT CF3.	BUDERUS SE					
NOTES:		COOLING				GOSSETT		.,_,-	2	2 PROVIDE BAS- REMOTE / LOCAL MANUAL CONTROL SWITCH.								10	PROVIDE BOILER M	CONDENS/ ANUFACTI	TE DRA INA JRER. PIPE T	GE SY STEM O PLUMBING	WITH NEUTRALIZER SU FLOOR DRAIN.	PPLIED BY	
1 2 3	PROVIDE AIR VENT.								3	PROVIDE FLUE CONDEN CONDENSATE TO RUN E MUST BE A VOIDED. THE IS NOT POSSIBLE. THE (	SATE GAS T BACK TO THE CONDENSAT	RAP WITH BOILER. TE DRAIN E NEUTRA	H NEUTRA LOW POI I SHOULD	LIZING CONTAI INTS IN THE FLU BE INSTALLED JST BE INSTALL	NER. THE F E SY STEM IN SUCH A ED BELOW	FLUE SYSTI 1 WHERE CC 3 WAY THA V THE LEVE	EM MUST ALLO INDENSATE COU T KINKING OF TI _ OF THE DRAIN	W THE ULD COLLECT HE DRAIN HOSE J.	11	PROVIDE	NEOPHREN	E VIBRATIC	IN ISOLATION	I PADS UNDER BOILERS	i.
4									4	BREECHING AND COMBI SY STEM MUST ALLOW CONDENSATE COULD C THAT KINKING OF THE D LEV EL OF THE DRAIN.	JSTION AIR F THE CONDEN OLLECT MUS RAIN HOSE I	PIPING LA ISATE TO IST BE AV IS NOT PO	YOUT MU RUN BAO OIDED. TH OSSIBLE.	IST BE APPROV CK TO THE BOIL IE CONDENSATI THE CONDENSA	ED BY THE ER. LOW F E DRAIN SH TE NEUTR	E BOILER MA POINTS IN TI HOULD BE II ALIZER MU	ANUFACTURER. HE FLUE SYSTE NSTALLED IN SU ST BE INSTALLE	THE FLUE IM WHERE JCH A WAY ED BELOW THE	12						
									5	PROVIDE BOILER EMERC	SENCY SHUT	-OFF SW	ПСН						13						
									6	PROVIDE NATURAL GAS	6 PRESSURE	REGULA	TOR SIZE	FOR BOILER, A	S A PPROV	/ED BY THE	BOILER MANUF	ACTURER.	14						
									7	PROVIDE MANUFACTUR VENT DISCHARGE AND	ER A PPROVE NLET LOCA 1	ED VENT . TIONS; AL	AND COM 29-4C S	1BUSTION AIR P S FLUE AND CP	PING (MINI √C INTA KE	IMUM 8 INCH E PIPE.	IDIAMETER), CO	DDE APPROVED	15						
									8	SECTION IV UL 795 TY	PE "H" 160 P	SI & 250	FMAX						16	+					

					_	_			_	A	R-C	00	LED	CHI	LLEF	r SC	HED	ULE									
		NOMINAL	ACTUAL	ENTERING	LEAVING	AMBIENT	EV A POR/	PORATOR FLOW FOUL			CON	IDENSER F	ANS	CO	MPRESSOF	RS	REFRIGERA	MINIMUM				OPERATI	MANUFACT	IPLV PART	STEPS OF	PIPE	SIZE (LX UNIT
CHILLER TAG	LOCATION	COOLING CAPACITY (TONS)	COOLING CAPACITY (TONS)	WATER TEMP (DEG F)	WATER TEMP (DEG F)	AIR TEMP (DEG F)	WATER FLOW RATE (GPM)	PRESSURE DROP (FT)	FACTOR PROPY {(hr-sqft- GLYCC F)/BTU}	PROPYLENE GLYCOL (%)	PROPYLENE GLYCOL (%) NO F FANS E/	KW EACH	TOTAL KW	NO.	RLA COMPR 1	RLA COMPR 2	NT CHARGE (LBS)	AMPS (MCA)	VOLTS PHASES	S HERTZ	NT TY PE	NG WEIGHT (LBS)	URER MODEL NO.	LOAD EFFICIENC Y (EER)	UN- LOA DING	CONNEC- TIONS	W X H FEET) CLEARA NCES (FEET)
C-1	ROOF	100	92.7	44	58	95	166	16.3	0.0001	30	7	1.2557	8.79	5	NA	NA	86.3	459.8	208 3	60	R-410A	5500	CARRIER 30RAP100	15.4	5	4 INCH	6 FT SIDES 15.91 X AND UN 7.5 X 6.5 RESTRIC TED ABOVE
						AC	COUSTIC	DATA (I	IZ) (AHRI	STDS 575	AND 370																
	ACCESSORIES: COOLER HEATER, ULTRA LOW SOUND, SINGLE POINT POWER CONNECTION, PROVIDE SEPARATE DISCONNECT SWITCH FOR ELECTRICAL CONTRACTOR INSTALLATION.							E	OCTAVE	Bands, F	IERTZ	31	63	125	250	500	1000	2000 4000	8000	TOTAL							
2	PROVIDE MII FULLY ENCL	NIMOM 2 INCH S _OSED.	TATIC DEFLEC	TÎON, RESTRA	HNERSPRIN	IG1SOLATO	ORS; THE C	HILLER UNIT S	SHALL BE	SOUND F	PRESSURI STANCE	EAT	55	55	59	56	55	55	50 45	50	64						
3	PROVIDE SOUND ATTENUATION REQUIRED TO MEET CHICAGO, CPS AND STATE EXTERIOR AND INTERIOR NOISE RESTRICTIONS. MAXIMUM 55 DBA AT THE LOT LINE.							IOR NOISE	A-WGTED SC	ound Pre	ess, dba	15	28	43	48	52	55	51 46	49	59							
4	PROVIDE BACnet COMMUNICATIONS, AND BUILDING AUTOMATION INTERFACE AS CPS SPECIFICATIONS.							NS.	SOUND POV	VER AT C dB	HILLER,	87	87	92	88	87	88	82 77	82	97							
5	FOR THE CHILLER, PROVIDE 2 INCH DEFLECTION SPRING ISOLATORS AND NEOPRENE ISOLATION MOUNT (MASON SLR OR EQUAL), SIZED FOR THE POINT LOAD OF THE FURNISHED CHILLER. FOR ALL PIPING AND OTHER ATTACHMENTS TO THE CHILLER, PROVIDE RESILIENT MOUNTS AND HANGERS FOR A MINIMUM O 50' FROM THE EQUIPMENT.								I MOUNTS ING AND IIMUM OF	A-WGTED SC	OUND POV	VER, dBA	48	60	75	80	84	88	83 78	81	91						

				ELI	ECTR	RIC UN	IT HEA	<b>\TER</b>	SCH	EDULE			
(	ACITY	EL	ECTRICAL	DATA	F	AN DAT	4	UNIT DATA					
UNIT HEATER TAG	LOCATION	Power INPUT (KW)	HEATING CAPACITY (MBH)	VOLTS	PHASES	AMPS	AIR VOLUME (CFM)	NO.	HP	MANFR & MODEL NO.	CA BINET SIZE (INCHES) (D X W X H)	MOUNTING	CONTROL
EUH-1	1ST FLOOR ELECTRIC RM	7.5	25.6	208	3	20.8	650	1	1/30	BERKO HUHAA720	8 X 19 X 22	CEILING OR WALL MOUNTING BRACKET	2-STAGE INTEGRAI THERMOST
EUH-2	1ST FLOOR MECH RM	7.5	25.6	208	3	20.8	650	1	1/30	BERKO HUHAA720	8 X 19 X 22	CEILING OR WALL MOUNTING BRACKET	2-STAGE INTEGRAI THERMOST
EUH-3	1ST FLOOR PUMP RM	7.5	25.6	208	3	20.8	650	1	1/30	BERKO HUHAA720	8 X 19 X 22	CEILING OR WALL MOUNTING BRACKET	2-STAGE INTEGRAI THERMOST
NOTES:	*	-	<del>.</del>	-					•	•		*	÷
1	ELECTRIC HEATER												
							<b>B</b> • <b>A B</b> • ( • ) (				1		

	RADIANT PANEL SCHEDULE													
TAG	LOCATION	GPM	WATER VELOCITY (FPS)	WTR PRES DROP/100' (FT)	EWT (F)	LWT (F)	BTUH PER LIN FT <del>or-</del> <del>SQ FT</del>	output (BTU/HR)	WIDTH (INCH)	LENGTH (INCH)	MANUFACTURER	MODEL NO.		
RP-1	1ST FLR GIRLS	0.35	4	0.47	150	120	291	3492	24	144	AIRTEX	HEF-2		
RP-2	1ST FLR BOYS	0.35	4	0.47	150	120	291	3492	24	144	AIRTEX	HEF-2		
RP-3	1ST FLR SHOWER	0.12	4	0.10	150	120	291	1164	24	48	AIRTEX	HEF-2		
RP-4	2ND FLR SHOWER	0.12	4	0.10	150	120	291	1164	24	48	AIRTEX	HEF-2		
RP-5	2ND FLR GIRLS	0.23	4	0.30	150	120	291	2328	24	96	AIRTEX	HEF-2		
RP-6	2ND FLR BOYS	0.23	4	0.30	150	120	291	2328	24	96	AIRTEX	HEF-2		
		1.40												