Certificate of Appropriateness

Milwaukee Historic Preservation Commission/200 E. Wells Street/Milwaukee, WI 53202/phone 414-286-5712/fax 414-286-3004

Property 3215 W. STATE ST. Concordia Historic District

Description of work Previous COAs have approved re-roofing, rebuilding the parapet walls, installing new windows, and constructing a new connector between Albrecht Hall and the Rincker Library.

As a continuation of the work to restore/rehabilitate the above two buildings, new mechanicals will be installed on the rooftop of the Rincker Library.

The mechanicals consist of air cooled chillers and compressors. The units will be installed at least 10 feet from the north parapet wall and approximately 20 feet from the west parapet wall.

The new mechanicals may be only slightly visible looking southeast from North 33rd Street but are otherwise not visible.

Date issued 1/14/2015 PTS ID 105811 COA

In accordance with the provisions of Section 320-21 (11) and (12) of the Milwaukee Code of Ordinances, the Milwaukee Historic Preservation Commission has issued a certificate of appropriateness for the work listed above. The work was found to be consistent with preservation guidelines. The following conditions apply to this certificate of appropriateness:

Work will be carried out per the materials and plans submitted.

All work must be done in a craftsman-like manner, and must be completed within one year of the date this certificate was issued. Staff must approve any changes or additions to this certificate before work begins. Work that is not completed in accordance with this certificate may be subject to correction orders or citations. If you require technical assistance, please contact Carlen Hatala of the Historic Preservation staff as follows: Phone: (414) 286-5722 Fax: (414) 286-3004 E-mail: carlen.hatala@milwaukee.gov

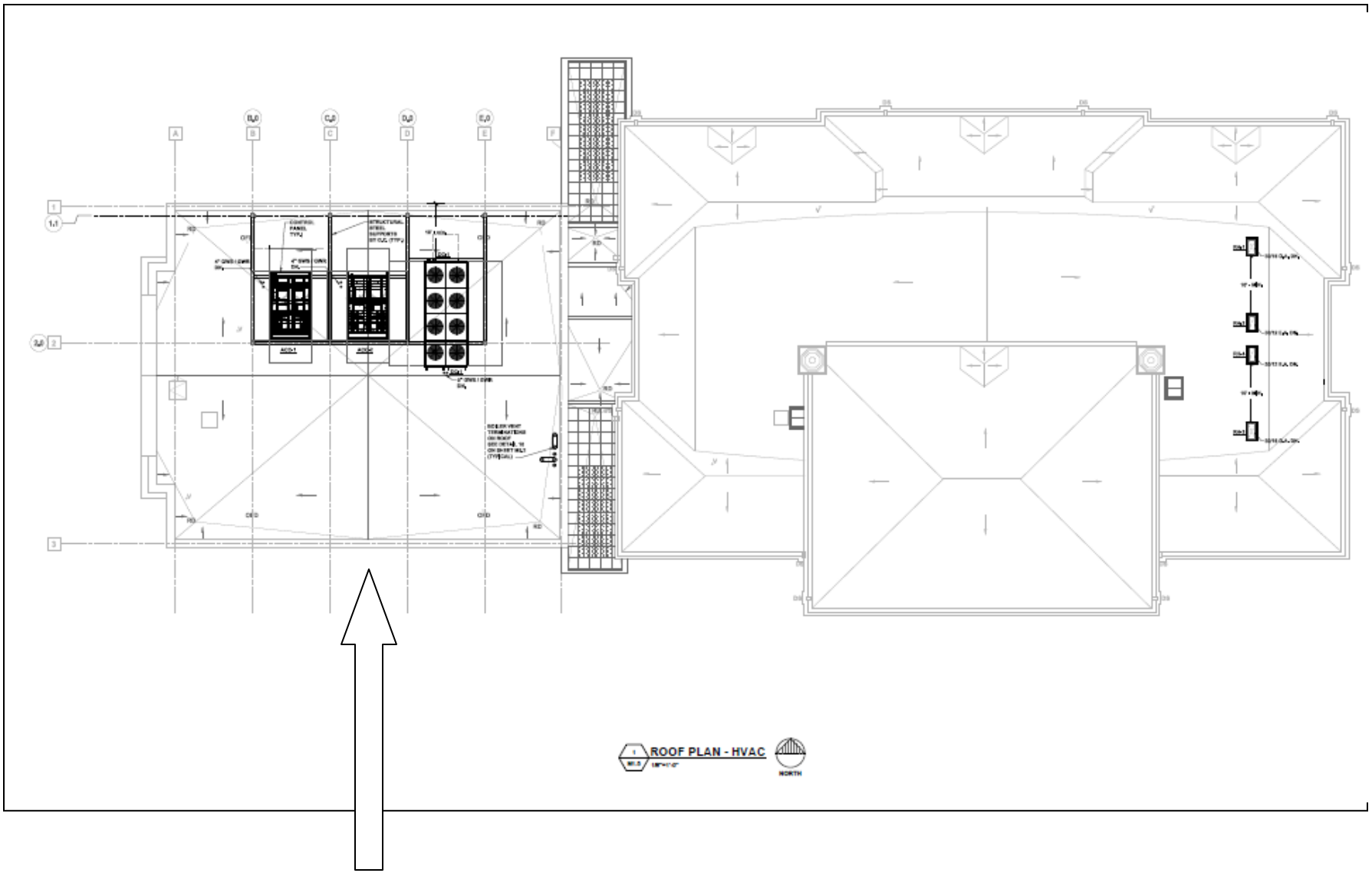
If permits are required, you are responsible for obtaining them from the Milwaukee Development Center. If you have questions about permit requirements, please consult the Development Center's web site, www.milwaukee.gov/build, or call (414) 286-8210.

City of Milwaukee Historic Preservation Staff

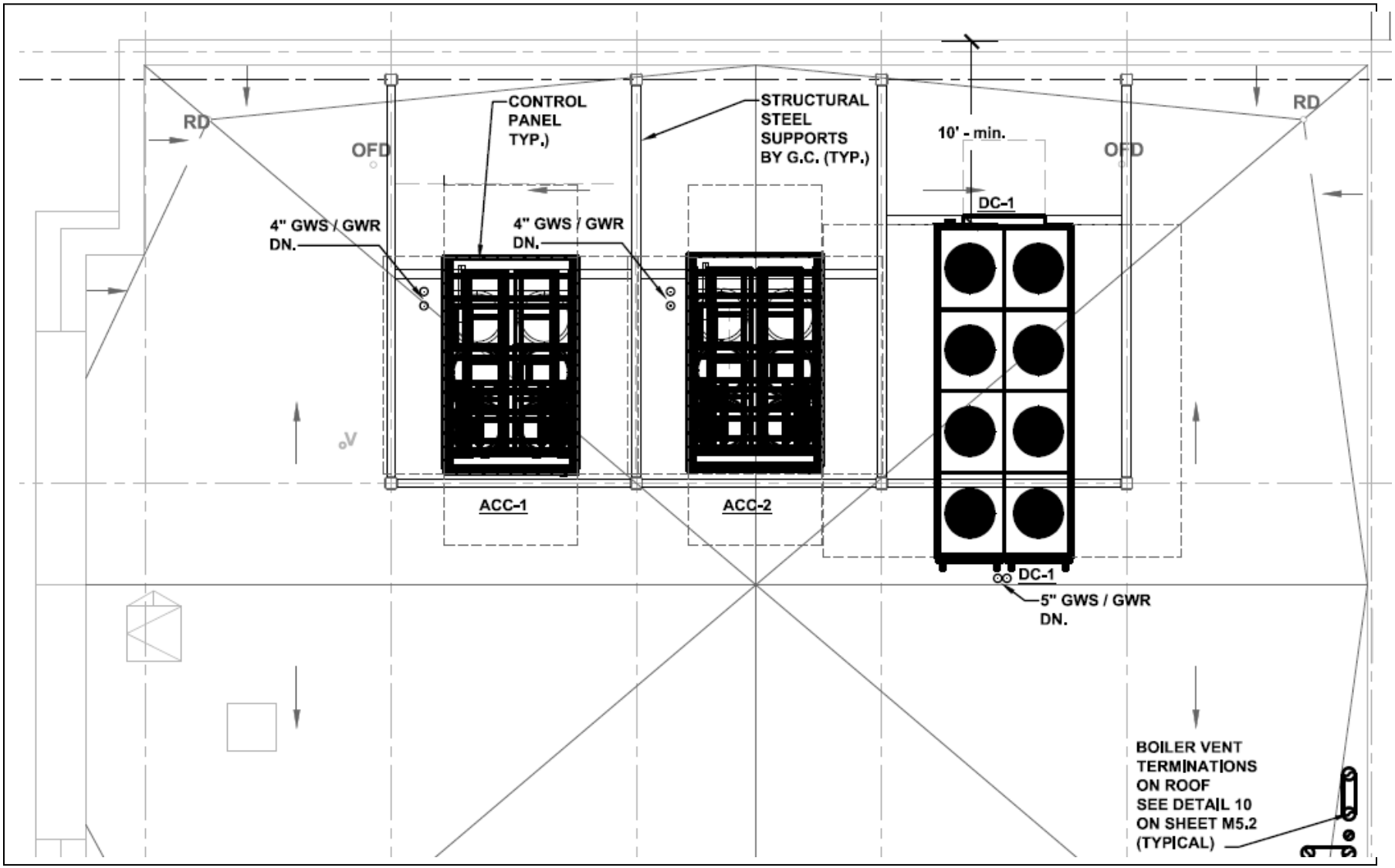
Copies to: Development Center, Ald. Robert Bauman, Contractor , Inspector John Cunningham (286-2538)

Photo 8 – Library Roof, looking northwest

Mechanicals will be located on the rooftop of Rincker Library and screened from view by the parapet.



Rooftop mechanicals will be installed as shown, set back from the parapet.



Close-up of the mechanicals

Air-Cooled Chiller, Scroll Compressors

Job Information

TRANE

Tag	ACC-1, ACC-2
Model Number	CGAM 90
Quantity	1
Product Version	178
Unit nominal tonnage	90 tons
Unit type	High efficiency

Certified in accordance with the AHRI Air-Cooled Water-Chilling and Heat Pump Water-Heating Packages Using Vapor Compression Cycle Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI). Unit containing freeze protection fluids in the condenser or in the evaporator with a leaving chilled fluid temperature above 32°F [0°C] is certified when rated per the Standard with water. Certified units may be found in the AHRI Directory at www.ahridirectory.org.

AHRI CERTIFIED

Physical Information

Length	143.100 in	Water connections	4.000 in
Width	89.000 in	Refrigerant charge circuit 1	78.0 lb
Height	92.400 in	Refrigerant charge circuit 2	78.0 lb
Operating weight	5961.1 lb	Oil charge circuit 1	3.54 gal
Shipping weight	5859.5 lb	Oil charge circuit 2	3.54 gal

Information for LEED Projects

ASHRAE 90.1/CSA compliance	ASHRAE all to 2010	IPLV	15.4 EER
Refrigerant charge circuit 1	78.0 lb	Rated capacity (AHRI)	86.20 tons
Refrigerant charge circuit 2	78.0 lb		

Note: This product meets the minimum efficiency requirements of ASHRAE Standard 90.1 and CANS/CSA C743 for all versions (which are based on AHRI standard rating conditions) and, therefore, also meets the LEED "Minimum Energy Performance" prerequisite in the Energy and Atmosphere section.

The LEED Green Building Rating System™, developed by the U.S. Green Building Council, provides independent, third-party verification that a building project meets green building and performance measures.

Photo 2a – View South Looking East from 33rd *(Parapet Under Construction)*

Photomontage 2b – View South Looking East from 33rd *(With Rooftop Equipment)*

Photomontage showing what mechanicals will look like after installation