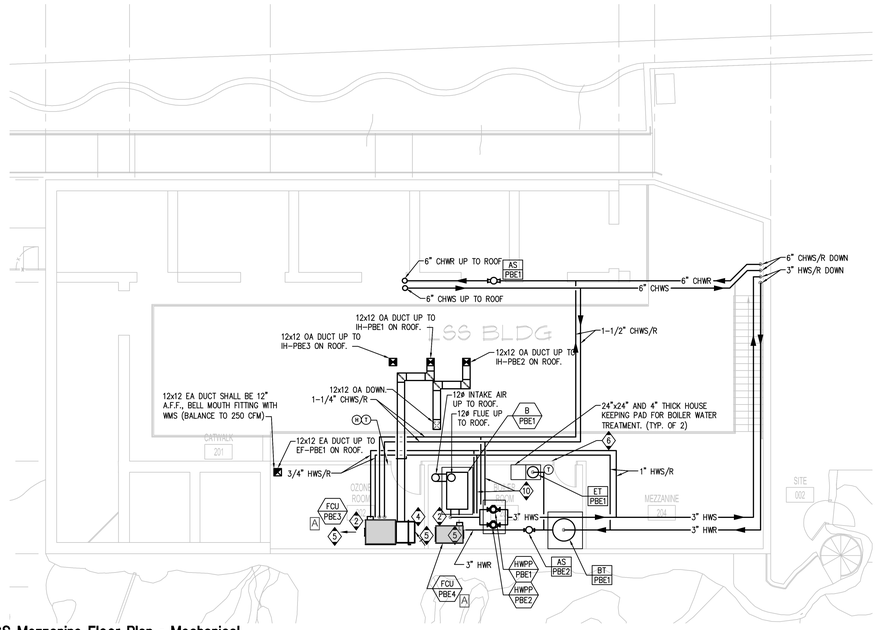
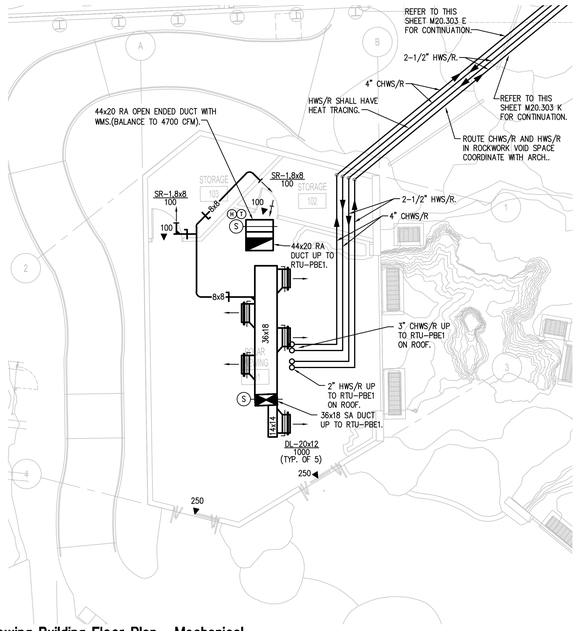
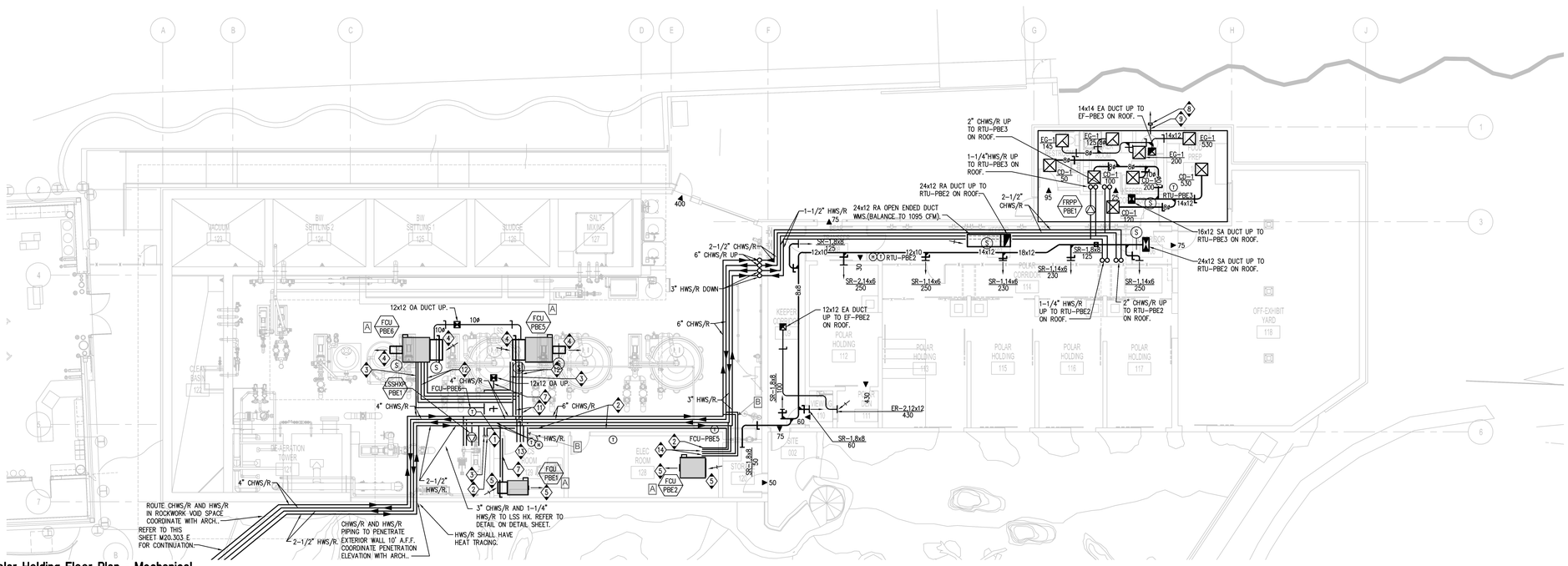


L **LSS Mezzanine Floor Plan - Mechanical**
SCALE: 1/8" = 1'-0"



E **Viewing Building Floor Plan - Mechanical**
SCALE: 1/8" = 1'-0"



K **Polar Holding Floor Plan - Mechanical**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:
1. EXISTING CHILLED WATER SYSTEM MEASURED TO HAVE 23% GLYCOL. ADD PROPYLENE GLYCOL TO INCREASE TO 40% APPROXIMATE SYSTEM VOLUME IS 1,000 GALLONS.
2. PVC PIPE FLANGE TO BE SCHEDULE 80, 150 PSI, ASTM D 1784. FLANGE GASKET MATERIAL: EPDM. COPPER TUBING ASTM B88, TYPE K.

KEYED NTOES
A. REMOVE 4" SECTIONA OF PVC PIPING (SUPPLY AND RETURN) TO COIL VALVE KIT. INSTALL 4" LONG COPPER SPOOL PIECE OFF OF EXISTING VALVE. INSTALL FLANGES ON THE COPPER AND PVC PIPES AND CONENCT.
B. REMOVE 4" SECTION OF PVC PIPING (SUPPLY AND RETURN, UPSTREAM AND DOWNSTREAM OF VALVE_ TO VALVE. INSTALL 4" LONG COPPER SPOOL PEICE OFF OF EXISTING VALVE. INSTALL FLAGNES ON THE COPPER AND PVC PIPES AND CONNECT.

Saint Louis Zoo
Animals Always
David F. McGuire, AIA, William Bernoudy
Vice President Architecture and Planning

Arch E1 ORIGINAL SIZE DRAWING

No.	REVISION	CHK	DATE

Introba
St. Louis
6 South Old Orchard
St. Louis, MO 63119
t: +1 800.404.7677
e: hello@introba.com
www.introba.com

CLIENT
SAINT LOUIS ZOO

PROJECT
ST. LOUIS ZOO POLAR BEAR EXHIBIT - PIPING REPAIR

TITLE
MECHANICAL FLOOR PLANS

DATE CREATED
4/9/2024

DESIGNED	CHECKED	APPROVED
MLW	MLW	MLW

DRAWING STATUS

DRAWING No.
M001

REVISION

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