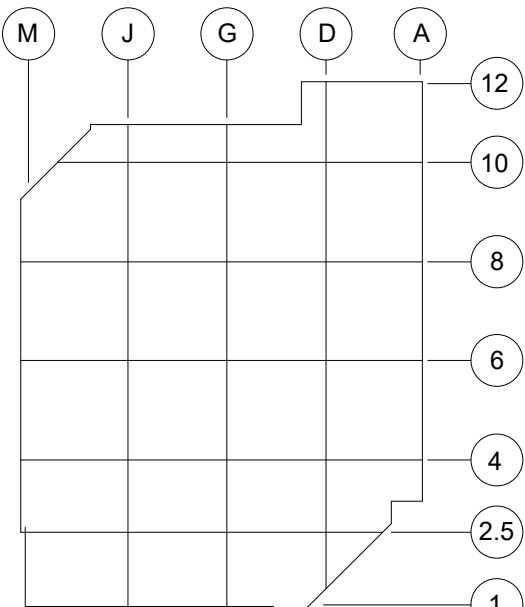


# SHEET NOTES

1. ROUTE TO SAFE LOCATION, 6" A.F.F.
2. ZERO LOSS OR COMPRESSED AIR TRAP TO BE PROVIDED BY COMPRESSOR VENDOR. REQUIRES ELECTRICAL PLUG NEARBY.
3. PRE AND POST AIR DRYER FILTERS TO BE PROVIDED ON THE DRYER SKID BY THE SAME MANUFACTURER.
4. DEW POINT MONITOR TO BE PROVIDED WITH THE DRYER.
5. FLOW CONTROL VALVE TO LIMIT VELOCITY IN THE SYSTEM. EXTERNAL PRESSURE TAP TO BE INSTALLED IN 8' MINIMUM STRAIGHT RUN OF PIPING UPSTREAM OF SYSTEM PRESSURE REGULATOR.
6. OUTLET NOZZLE N05 OFFSET 90 DEGREES FROM INLET, COMING OUT OF PAGE. PLEASE REFER TO VENDOR SHOP DRAWING C100898-X FOR 3-DIMENSIONAL ORIENTATION OF RECEIVER TANK.

PROJECT LOCATION

6701 EVANSTAD DR N  
MAPLE GROVE, MN 55369



KEYPLAN



CLIENT

**UPSHER-SMITH**

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CONSULTING ENGINEER

**HORWITZ**  
7400 49th AVENUE NORTH  
NEW HOPE, MN 55428  
(763) 533-1900  
www.horwitzinc.com

PROJECT TITLE

PROJECT KEYSTONE - PHASE 1

REV BY DATE DESCRIPTION

2 BB 05/31/23 GE-008297 RELOCATE PSV TANK

LICENSEE

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Date 05/31/23 LIC NO

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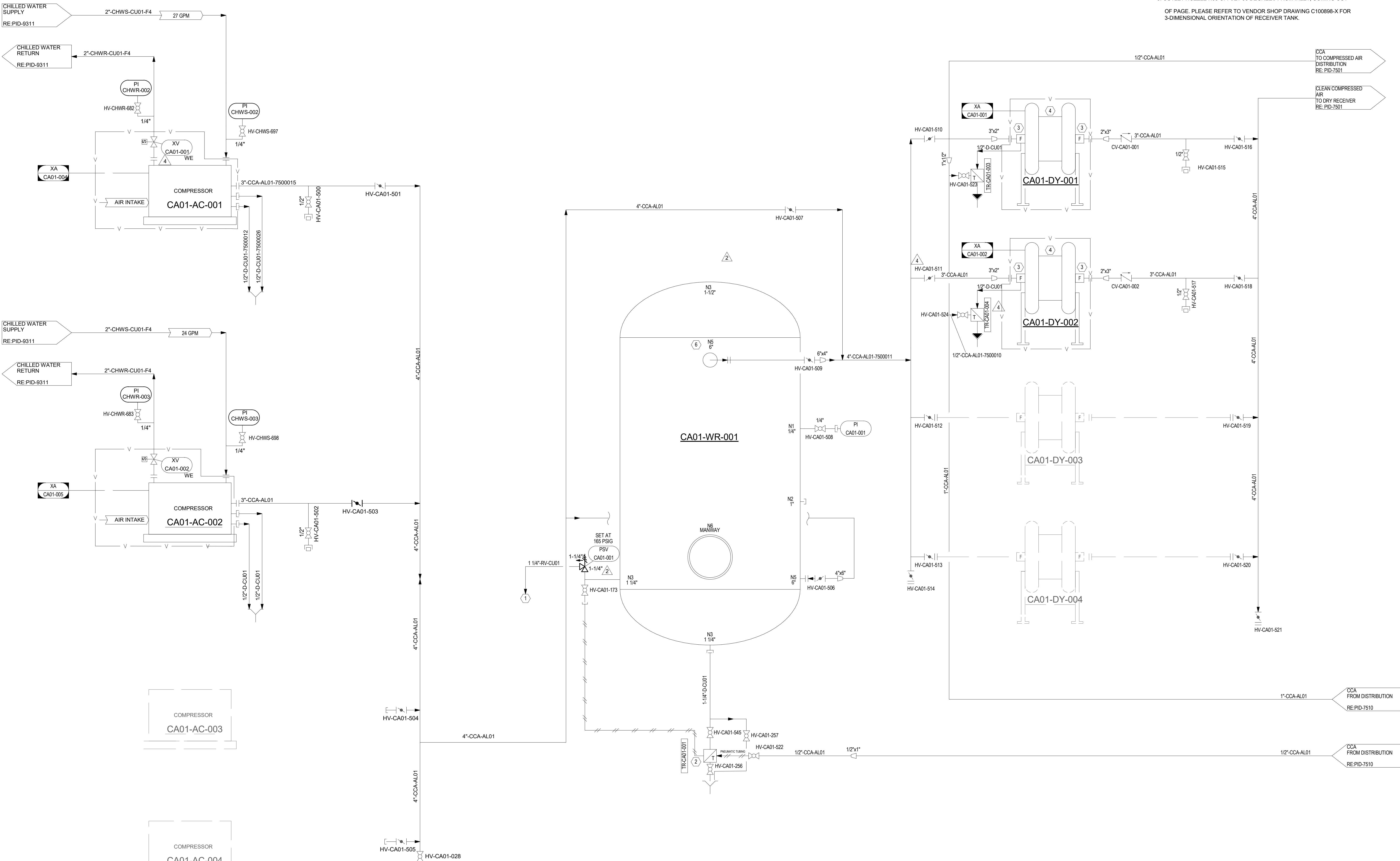
PROJ. NO. 2022.1720 DESIGNED BY: Designer  
SCALE: 1/2" = 1'-0" CHECKED BY: Checker  
SHEET SIZE: 30x42 APPROVED BY: Approver

DRAWING TITLE

CLEAN COMPRESSED AIR  
GENERATION MECH SPACE 3000

DRAWING NUMBER

PID-7500



CA01-AC-001

AIR COMPRESSOR  
OUTLET FLOW / OPER. PRESSURE: 680 CFM / 125 PSIG  
TYPE: ROTARY, OIL FREE  
MOTOR HP: 180 HP  
MAX DIMENSIONS: 130" L x 69" W x 82" H  
ELECTRICAL: 480 V, 3 PH, 60 HZ

CA01-AC-002

AIR COMPRESSOR  
OUTLET FLOW / OPER. PRESSURE: 680 CFM / 145 PSIG  
TYPE: ROTARY, OIL FREE  
MOTOR HP: 180 HP  
MAX DIMENSIONS: 130" L x 69" W x 82" H  
ELECTRICAL: 480 V, 3 PH, 60 HZ

CA01-DY-001

COMPRESSED AIR DRYER  
OUTLET FLOW RATE: 700 CFM  
PRESSURE DEW POINT: -40°F  
INLET PRESSURE RANGE: 90 - 100 PSIG  
MAX DIMENSIONS: 137" L x 67" W x 107" H  
ELECTRICAL: 480 V, 3 PH, 60 HZ

CA01-DY-002

COMPRESSED AIR DRYER  
OUTLET FLOW RATE: 700 CFM  
PRESSURE DEW POINT: -40°F  
INLET PRESSURE RANGE: 90 - 100 PSIG  
MAX DIMENSIONS: 137" L x 67" W x 107" H  
ELECTRICAL: 480 V, 3 PH, 60 HZ

CA01-WR-001

WET COMPRESSED AIR RECEIVER  
TOP HEAD TYPE: ASME  
WORKING VOLUME: 1550 GAL MIN  
DESIGN / JACKET PRESSURE: 150 PSIG / N/A PSIG  
OVERALL HEIGHT / DIAMETER: 114' 5" / 114' 5"  
MATERIAL: EPOXY COATED CARBON STEEL