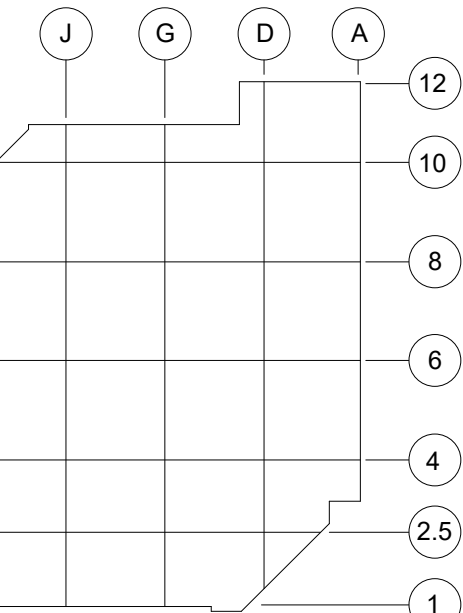
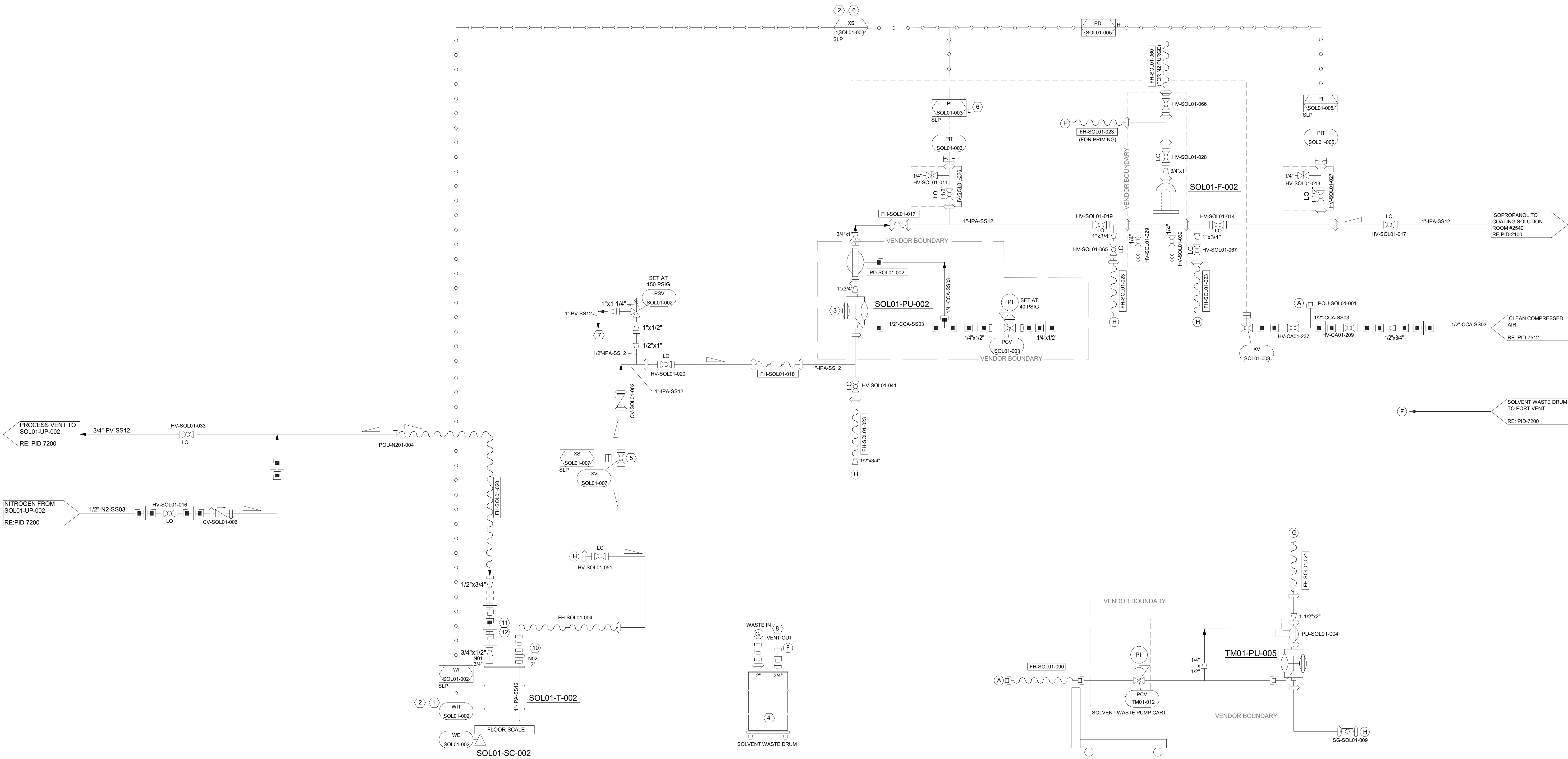


PROJECT LOCATION

6701 EVANSTAD DR N  
MAPLE GROVE, MN 55369

SHEET NOTES

1. ALARM TO SWAP OUT DRUM WHEN EMPTY.
2. INTERLOCK WITH PUMP TO PREVENT PUMP FROM RUNNING EMPTY.
3. SOLVENT PUMP SHALL BE GROUNDED.
4. DRUM TO BE GROUNDED DURING SOLVENT WASTE TRANSFER.
5. FIRE SAFE BALL VALVE.
6. INTERLOCK WITH PUMP TO PREVENT OPERATION ON LOW DOWNSTREAM PRESSURE.
7. ROUTE TO SAFE LOCATION WITHIN 6 INCHES ABOVE FINISHED FLOOR.
8. CONNECT FOR VENTING DURING SOLVENT WASTE TRANSFER OUT OF DRUM OR TOTE.
9. ALL SOLVENT PIPING MUST HAVE HIGH PRESSURE TRI-CLAMPS.
10. DRY DISCONNECT WITH DUST CAP.
11. KEYED QUICK CONNECT
12. STAINLESS STEEL HYDRAULIC QUICK CONNECT



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	AS RECORDED	DESCRIPTION
1		03/17/23		

LICENSEE  
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
Date 03/17/23 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  
**ISOPROPANOL DISPENSING/STORAGE ROOM 1510**

DRAWING NUMBER  
**PID-7205**

SOL01-PU-002  
DIAPHRAGM PUMP  
DESIGN CAPACITY: 7 GPM  
DESIGN PRESSURE: 20 PSIG

SOL01-T-002  
ISOPROPANOL  
DISPENSING DRUM  
CAPACITY: 55 GAL  
MOC: 304 SS

SOL01-SC-002  
FLOOR TOP SCALE  
CAPACITY: TBD  
VENDOR: METTLER TOLEDO  
MODEL: PUA68/IND570xx

SOL01-F-002  
ISOPROPANOL FILTER  
CAPACITY: 300kg  
MOC: 316L SS