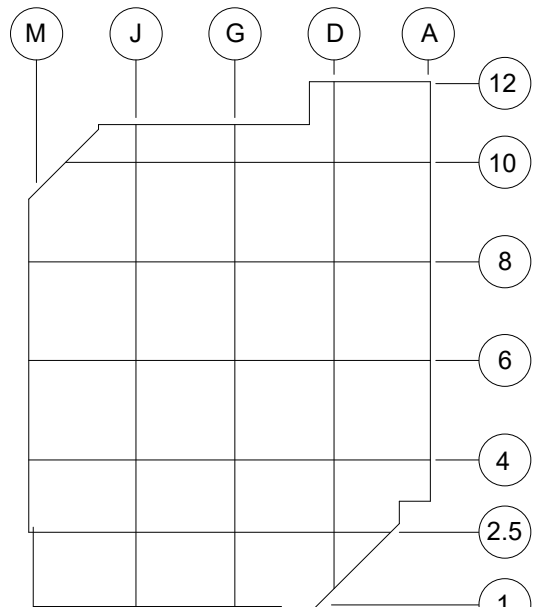


PROJECT LOCATION

6701 EVANSTAD DR N  
MAPLE GROVE, MN 55369

SHEET NOTES

- ALARM TO SWAP OUT DRUM WHEN EMPTY.
- INTERLOCK WITH PUMP TO PREVENT PUMP FROM RUNNING EMPTY.
- SOLVENT PUMP SHALL BE GROUNDED.
- DRAIN TO PORTABLE SOLVENT WASTE CAN.
- FIRE SAFE BALL VALVE.
- INTERLOCK WITH PUMP TO PREVENT OPERATION ON LOW DOWNSTREAM PRESSURE.
- ROUTE TO SAFE LOCATION WITHIN 6 INCHES ABOVE FINISHED FLOOR.
- TRIGGER OF LEL ALARM WILL SEND WASTE TO FIRE CONTAINMENT TANK.
- CONNECT FOR VENTING DURING SOLVENT WASTE TRANSFER OUT OF DRUM OR TOTE.
- SAFETY STATE TO SEND ALL NITROGEN SUPPLY AND PROCESS VENTING VALVES INTO FAIL STATE.
- DRUM TO BE GROUNDED DURING SOLVENT WASTE TRANSFER.
- ALL SOLVENT PIPING MUST HAVE HIGH PRESSURE TRI-CLAMPS.
- VALVE HAS SPRING RETURN HANDLE AND IS USED FOR DEPRESSURIZING DRUMS PRIOR TO REMOVAL.
- DRY DISCONNECT WITH DUST CAP.
- KEYED QUICK CONNECT
- STAINLESS STEEL HYDRAULIC QUICK CONNECT



KEYPLAN

CLIENT

**UPsher-SMITH**

Partners in Health Since 1919

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

CONFIDENTIAL - THIS DRAWING IS THE PROPERTY OF UPSHER-SMITH. THE INFORMATION CONTAINED HEREIN MAY NOT BE USED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

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

DRAWING TITLE

ETHANOL DISPENSING/STORAGE  
ROOM 1510

DRAWING NUMBER

PID-7200

