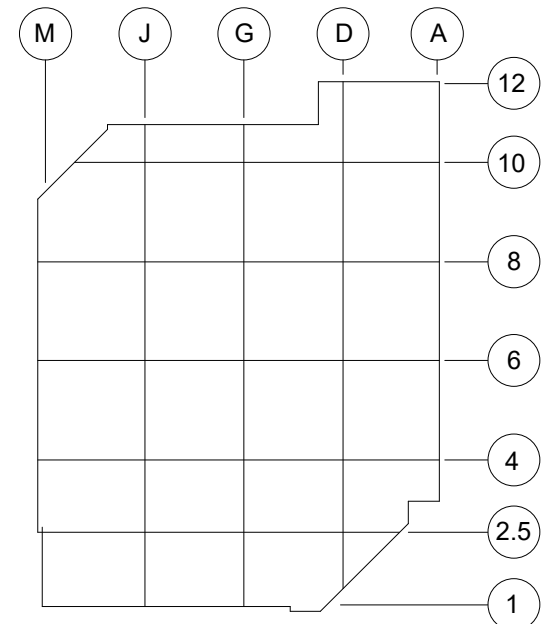


SHEET NOTES

- OWNER PROVIDED TUBING.
- OWNER PROVIDED EQUIPMENT.
- SPOOL PIECE FOR INSTALLATION OF MILL OR DIVERSION OF HSG OUTLET TO IBC OR DRUM.
- CONNECT FOR VENTING DURING SOLVENT WASTE TRANSFER OUT OF TANK.
- DRYLINK STYLE SPLIT VALVE FOR SOLVENT WASTE TRANSFER OUT OF TANK.
- DRUM TO BE GROUNDED DURING SOLVENT WASTE DISCHARGE.
- NOT USED.
- CONNECT TANK TO NITROGEN SUPPLY AND SOLVENT VENT LINE DURING SOLVENT SOLUTION TRANSFER FROM TANK TO HIGH SHEAR GRANULATOR.
- SIZES TO BE "TBD" UNTIL VESSEL IS IDENTIFIED.
- REFER TO MECHANICAL DRAWINGS FOR PROCESS VENT ROUTING.
- PENGER VALVE CONNECTION.
- WIP CONNECTIONS AND SIZES TO BE DETERMINED AND CONFIRMED BY VENDOR UPON FABRICATION OF UNIT.
- REFER TO EQUIPMENT LIST FOR INDIVIDUAL PORTABLE TANK DETAILS.
- GLATT IBCS WILL BE EQUIPPED WITH MANUAL BUTTERFLY VALVE FOR DISCHARGING POWDERS. POST LIFTS WILL HAVE PNEUMATIC ACTUATORS INTEGRATED THAT USE A PLUG IN TO AUTOMATICALLY OPEN VALVES.
- WIP PIPING CONNECTS THROUGH BASE OF HIGH SHEAR GRANULATOR FROM SECOND FLOOR.
- COMPRESSED AIR CONNECTS THROUGH BASE OF HIGH SHEAR GRANULATOR FROM SECOND FLOOR.
- COMPRESSED AIR TO PROVIDE WIP AIR PURGE AND HMI AIR PURGE.
- SAFETY STOP TO STOP ALL MOTORS/AGITATORS AND PLACE VALVES IN FAIL STATE.
- PV TO DRAIN TO FLOOR IN MECHANICAL SPACE DURING HSG WASHDOWN.
- NOT USED.
- VENTEX VALVE INSTALLATION DISTANCE TO HIGH SHEAR GRANULATOR FILTER MUST BE AT LEAST 3M AND LESS THAN 5M. VALVE TO BE INSTALLED HORIZONTALLY.
- SEE PID-2200 FOR INDIVIDUAL PORTABLE TANK INFORMATION.
- FLEX HOSE FOR TALL PORTABLE MIXING TANK.
- FLEX HOSE FOR MEDIUM PORTABLE MIXING TANK.
- FLEX HOSE FOR SHORT PORTABLE MIXING TANK.

PROJECT LOCATION

6701 EVANSTAD DR N
MAPLE GROVE, MN 55369



KEYPLAN



CLIENT

UPsher-SMITH

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CONSULTING ENGINEER

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PROJECT TITLE

PROJECT KEYSTONE - PHASE 1

REV	BY	DATE	DESCRIPTION
A	1702C21	FOR RECORD	
0	RS	05/25/22	AS RECORDED

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 05/25/22 LIC NO

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PROJ. NO.	2022.1720	DESIGNED BY:	Designer
SCALE:	12" = 1'-0"	CHECKED BY:	Checker
SHEET SIZE:	30x42	APPROVED BY:	Approver

DRAWING TITLE

GRANULATION ROOM 3115

DRAWING NUMBER

PID-3100