

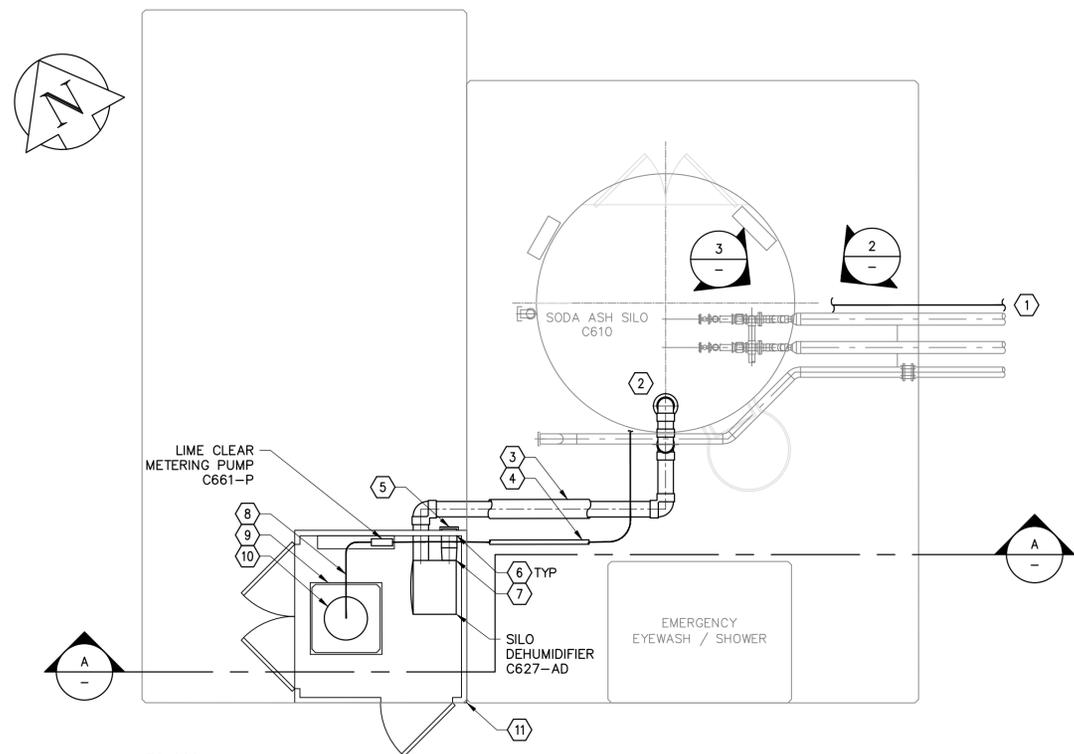
1 WALL PENETRATION
SCALE NONE



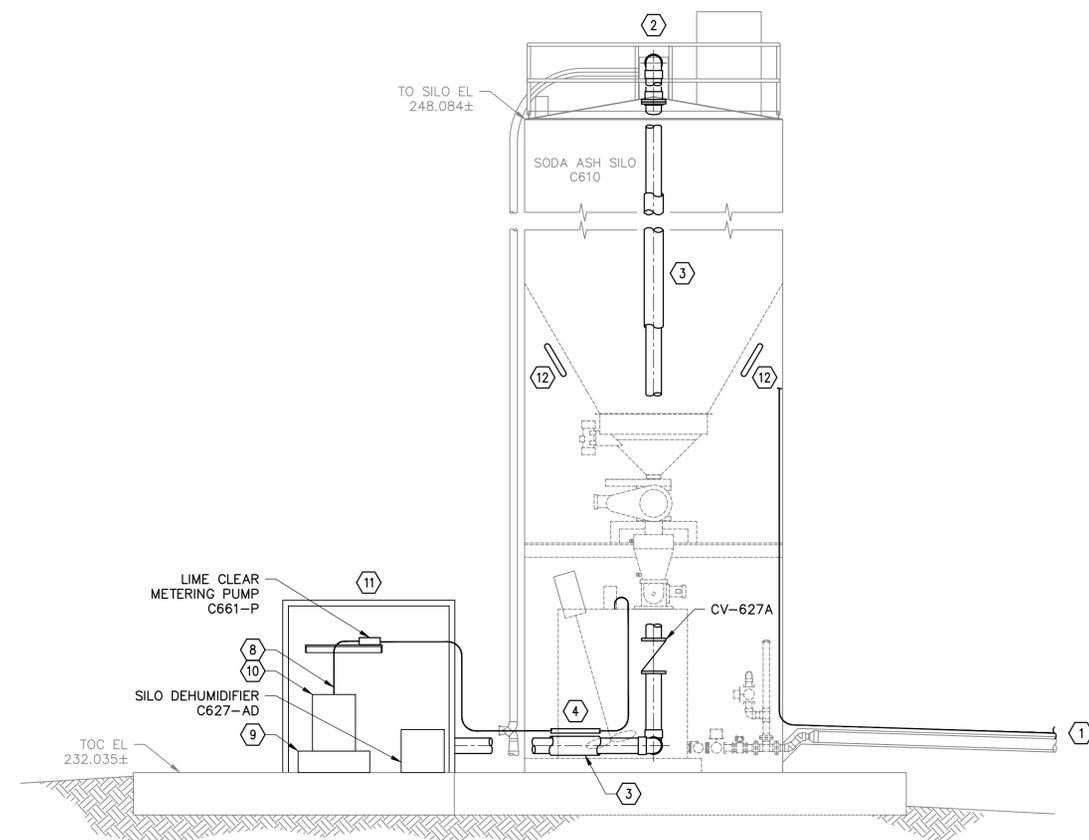
2 INSTRUMENT AIR
SCALE NONE



3 INSTRUMENT AIR
SCALE NONE



PLAN
SCALE: 1:50



A SECTION
SCALE 1:50

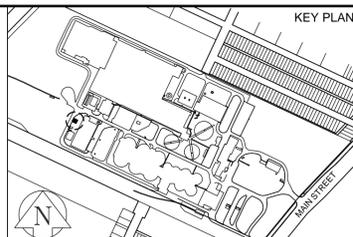
KEYNOTES:

- 500 INSTRUMENT AIR FROM EXISTING EXHAUST FAN ROOM.
 - AQUATHERM GREENPIPE, SDR 7.4
 - RATED FOR A WORKING PRESSURE OF 1400 kPa (200 psi)
 - SEE DRAWING D-1001 FOR CONTINUATION
- CUT HOLE FOR PIPE AND WELD ON FLANGED SPOOL PIECE FOR 200mm CONNECTION.
- 200mm DA FROM DEHUMIDIFIER
 - SCH80 PVC PIPING
 - PROVIDE INSULATION AS PER SPECIFICATIONS
- 8.0m± OF 12mm FLEXIBLE TUBING FROM LIME METERING PUMP TO EXISTING BATCH TANK
 - ROUTING IS DIAGRAMMATIC. EXACT ROUTING TO BE DETERMINED ON SITE
 - PROVIDE INSULATION & HEAT TRACING AS PER SPECIFICATIONS
- 200mm OA DEHUMIDIFIER INLET
 - SCH80 PVC PIPING
- FOR ALL WALL PENETRATIONS AT CHEMICAL METERING SHED, SEE DETAIL 1.
- CONFIRM EXACT SIZE & LOCATION OF PIPE CONNECTIONS TO DEHUMIDIFIER PRIOR TO COMMENCING WORK. PROVIDE 1mm MESH BUG SCREEN FOR BOTH 2000 OA & 1500 HA.
- 2.3m± OF 25mm FLEXIBLE TUBING FROM LIME CLEAR STORAGE BARREL TO LIME METERING PUMP INLET.
 - ROUTING IS DIAGRAMMATIC. EXACT ROUTING TO BE DETERMINED ON SITE.
- 230L SPILL CONTAINMENT,
 - ULTRA SPILL PALLET P1 PLUS, OR APPROVED EQUAL.
- 610mmØ, 207L SS LIME CLEAR STORAGE BARREL.
- CHEMICAL METERING SHED, PROVIDE INSULATED ENCLOSURE. SEE KEYNOTES 2 & 3 ON DRAWING D-1001 FOR DETAILS.
- AIR CANNONS SAC-626-1, SAC-626-2 & SAC-626-3
 - CONFIGURATION IS DIAGRAMMATIC.
 - LOCATIONS TO BE CONFIRMED BY EQUIPMENT SUPPLIER.
 - SUPPORT AS PER MANUFACTURER'S RECOMMENDATIONS.
 - CONNECT 500 AQUATHERM GREENPIPE, SDR 7.4 INSTRUMENT AIR LINES AS PER MANUFACTURER'S RECOMMENDATIONS. EXACT ROUTING TO BE DETERMINED ON SITE.

NOTE:

- FIELD FABRICATE PIPE SUPPORTS, SPACED AT 2500mm O/C. WHERE PIPES ARE SUPPORTED ON THE SILO FACE, RESTORE SILO INSULATION AND CLADDING TO ORIGINAL CONDITION, AND PROVIDE FLASHING.

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DESIGNED BY	NK	CHECKED BY	KJS
DRAWN BY	SRG	APPROVED BY	KJS
SCALE: HORIZONTAL	AS NOTED	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2016 06 23	DATE	

PLOT DATE: 2016 06 23

PROVINCE OF MANITOBA
June 23/16
K.J. SEARS
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
D-1005

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2016 NEWPCC
SBR UPGRADES
PROCESS
SODA ASH SYSTEM
PLAN, SECTION & DETAILS

CITY DRAWING NUMBER **1-0101C-P0054-001-00** SHEET **13** OF **15**