



NEW 500 INSTRUMENT AIR LINE TO EXIT BUILDING ALONG THE NORTH WALL

UTILIZE EXISTING SUPPORTS AS APPLICABLE

SUPPORT ON EXISTING PIPE AS APPLICABLE

1 INSTRUMENT AIR
SCALE NONE



SUPPORT ON EXISTING PIPE AS APPLICABLE. SEE DRAWING D-1005 FOR CONTINUATION

2 INSTRUMENT AIR
SCALE NONE

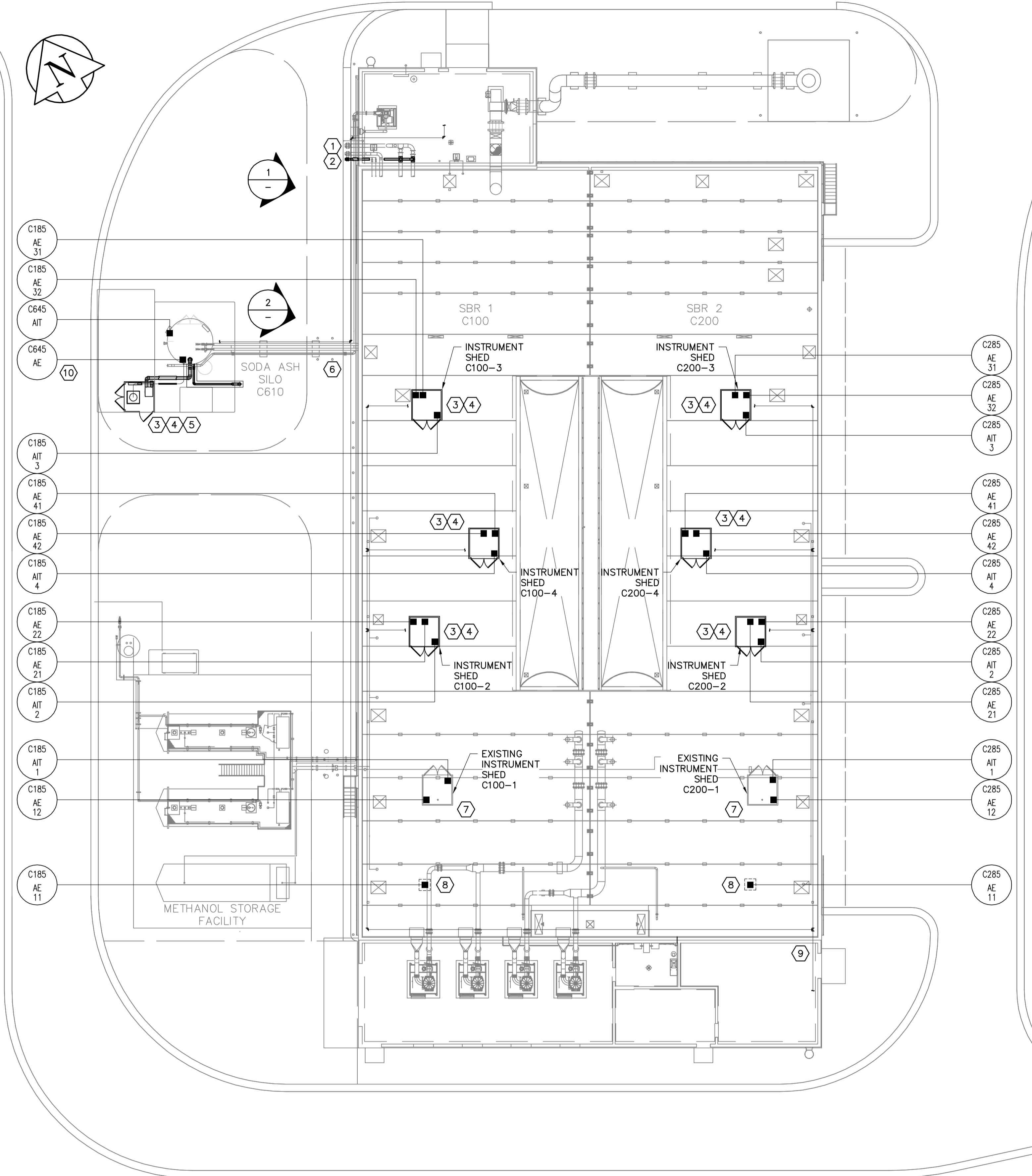
KEYNOTES:

- 500 INSTRUMENT AIR LINE FROM EXISTING COMPRESSOR IN EXHAUST FAN ROOM TO SODA ASH AIR CANNONS.
 - AQUATHERM GREENPIPE, SDR 7.4
 - ROUTE OF INSTRUMENT AIR LINE IS DIAGRAMMATIC. EXACT ROUTING TO BE DETERMINED ON SITE.
 - REUSE EXISTING PIPE SUPPORTS WHERE APPLICABLE.
 - FOR DETAILS INSIDE EXHAUST FAN BUILDING, SEE DRAWING D-1004.
 - FOR DETAILS AT SODA ASH SILO, SEE DRAWING D-1005.
- 1500 FLUSHING WATER FOR SBR TANK FILL.
 - SCH 80 PCV PIPE
 - ALL EXTERIOR PIPING ABOVE GRADE TO BE INSULATED & HEAT TRACED PER SPECIFICATIONS
 - FOR CONTINUATION BELOW GRADE, SEE DRAWING C-1001.
 - FOR CONTINUATION INSIDE EXHAUST FAN ROOM, SEE DRAWING D-1004.
- PROVIDE SEVEN (7) NEW 2100mm± SQUARE, INSULATED ENCLOSURES, MANUFACTURED IN ACCORDANCE WITH THE 2010 NATIONAL BUILDING CODE OF CANADA:
 - WESTERN STEEL AND TUBE, 1247 CLARENCE AVE WINNIPEG MB (TO MATCH EXISTING); OR
 - ENDURO VPC FIBREGLASS ENCLOSER MODEL 600; OR
 - APPROVED EQUAL.
- PROVIDE SEVEN (7) NEW HEATERS:
 - OUELLET 208V, 3 PHASE, 3000W MAXIMUM, OR EQUIVALENT
- FOR SODA ASH SILO UPGRADES, SEE DRAWING D-1005.
- FOR NEW SA PIPING CONFIGURATION INSIDE SBR TANKS, SEE DRAWING D-1002.
- EXISTING ENCLOSURE TO REMAIN.
- PROVIDE 1.0m x 1.0m x 1.0m WOOD FRAMED, INSULATED ENCLOSURES FOR PROBE PROTECTION.
- 500 INSTRUMENT AIR LINE FROM EXISTING COMPRESSOR IN ELECTRICAL ROOM TO EACH POTENTIAL PROBE LOCATION.
 - AQUATHERM GREENPIPE, SDR 7.4
 - ROUTE OF INSTRUMENT AIR LINE IS DIAGRAMMATIC. EXACT ROUTING TO BE DETERMINED ON SITE.
 - REUSE EXISTING PIPE SUPPORTS WHERE APPLICABLE.
 - FOR DETAILS INSIDE ELECTRICAL ROOM, SEE DRAWING D-1004.
 - FOR CONNECTION TO PROBES, SEE DETAIL 2 ON DRAWING D-1003.
- PROVIDE UNISTRUT BRACKET TO SUPPORT CONDUCTIVITY PROBE. CONFIRM LOCATION WITH CONTRACT ADMINISTRATOR.

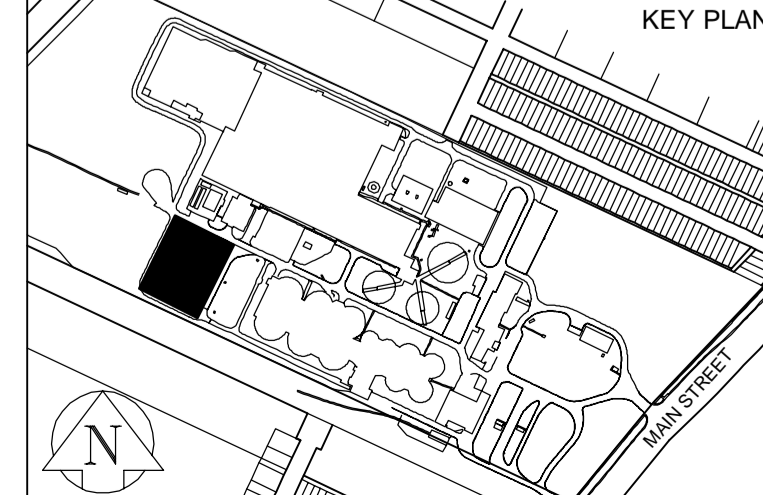
NOTES:

- FOR PROBE INSTALLATION & LOCATIONS, DRAWING D-1003.
- PROBES & TRANSMITTERS WILL BE INSTALLED ON SBR 2 ONLY AT THIS TIME. PROVIDE ALL NEW QUICK CONNECTIONS & WIRING FOR EACH PROBE AT BOTH SBR TANKS. SEE INSTRUMENT LOOP DIAGRAMS FOR CONNECTION DETAILS. ONLY ONE SBR WILL BE IN SERVICE AT A TIME, WITH PROBES & TRANSMITTERS BEING RELOCATED PERIODICALLY

SITE PLAN
SCALE : 1:200



NOTICE:
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DESIGNED BY	CGL	CHECKED BY	KJS
DRAWN BY	SRG	APPROVED BY	KJS
SCALE:	HORIZONTAL 1:200	VERTICAL	
DATE	2016 04 05	DATE	

PLOT DATE: 2016 04 05

PROVINCE OF MANITOBA
K.J. SEARS
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
D-1001

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2016 NEWPCC
SBR UPGRADES
PROCESS
LOCATION PLAN
& DETAILS

CITY DRAWING NUMBER
1-0101C-P0050-001-00

SHEET **11** OF **18**