



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

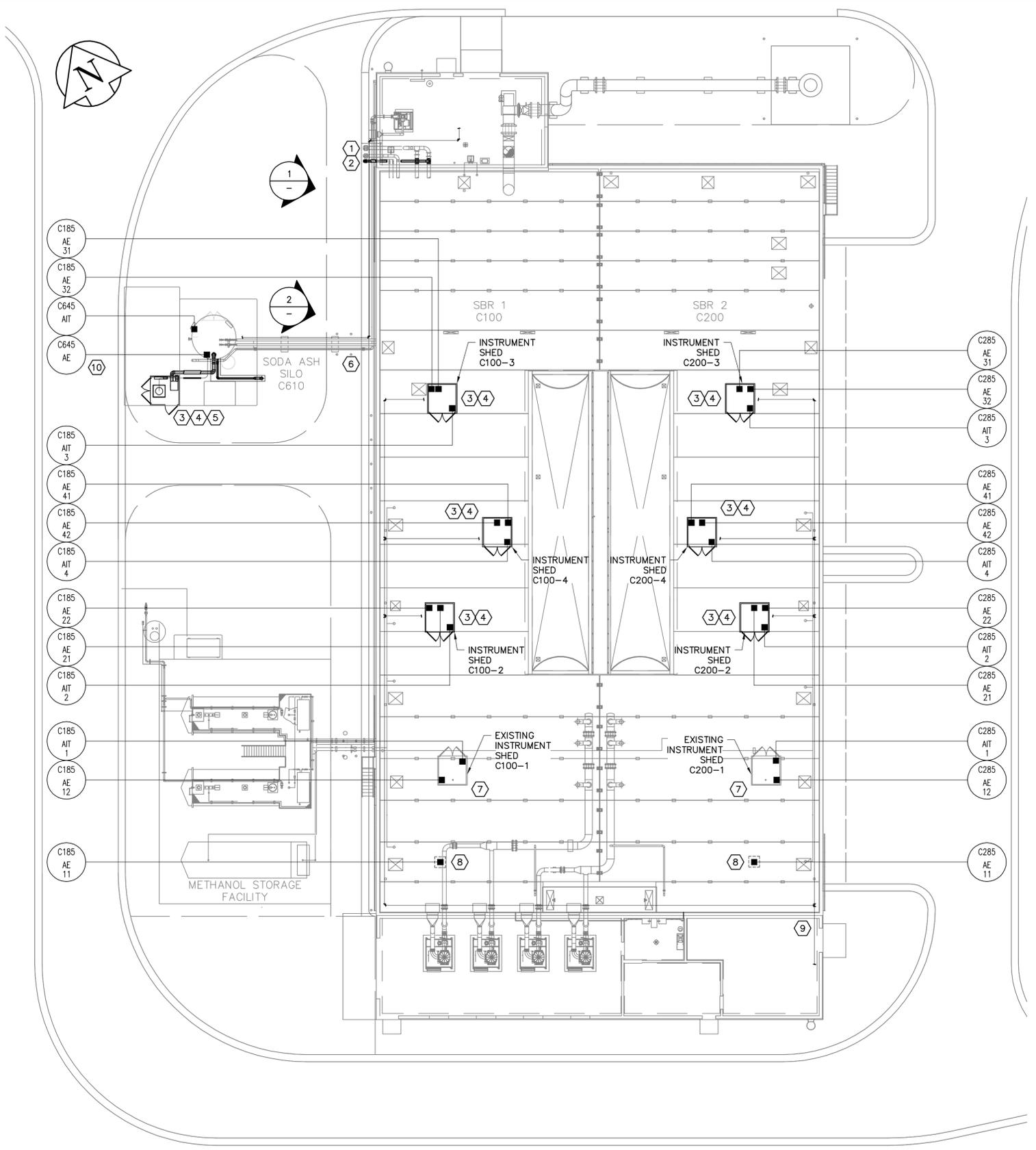
2 INSTRUMENT AIR
SCALE NONE

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 2100m± 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 ENCLOSURE MODEL 600; OR
 - APPROVED EQUAL.
- PROVIDE SEVEN (7) NEW HEATERS:
 - OUELLET 208V, 3 PHASE, 3000W MAXIMUM, Δ
 - CHROMOLOX HVH,
 - 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.

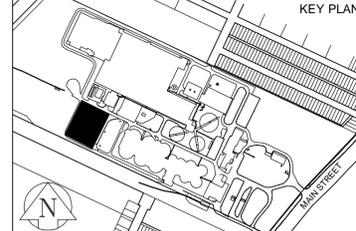
NOTES:

- 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:
AS-CONSTRUCTED DIMENSIONS, MEASUREMENTS AND OTHER DETAILS CONTAINED IN THIS RECORD DRAWING HAVE BEEN OBTAINED BY AECOM CANADA LTD. ("AECOM") FROM VARIOUS SOURCES. SUCH INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO AECOM AT THE TIME OF PREPARATION OF THIS RECORD DRAWING. AECOM DOES NOT IN ANY WAY REPRESENT OR WARRANT THAT SUCH INFORMATION IS ACCURATE AND ASSUMES NO RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS CONTAINED THEREIN.



AECOM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: April 21/16

NO.	REVISIONS	DATE	BY
01	BID OP 145-2016, ADDENDUM 1	16/04/21	SRG
00	ISSUED FOR TENDER: BID OP 145-2016	16/04/06	SRG

AECOM

DESIGNED BY	CGL	CHECKED BY	KJS
DRAWN BY	SRG	APPROVED BY	KJS
SCALE:	HORIZONTAL 1:200		
	VERTICAL		
DATE	2016 04 21		
PLOT DATE:	2016 04 21		

PROVINCE OF MANITOBA
April 21/16
K.J. SEARS
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2016 NEWPCC
SBR UPGRADES
PROCESS
LOCATION PLAN
& DETAILS

CITY DRAWING NUMBER: 1-0101C-P0050-001-01
SHEET 11 OF 18