



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

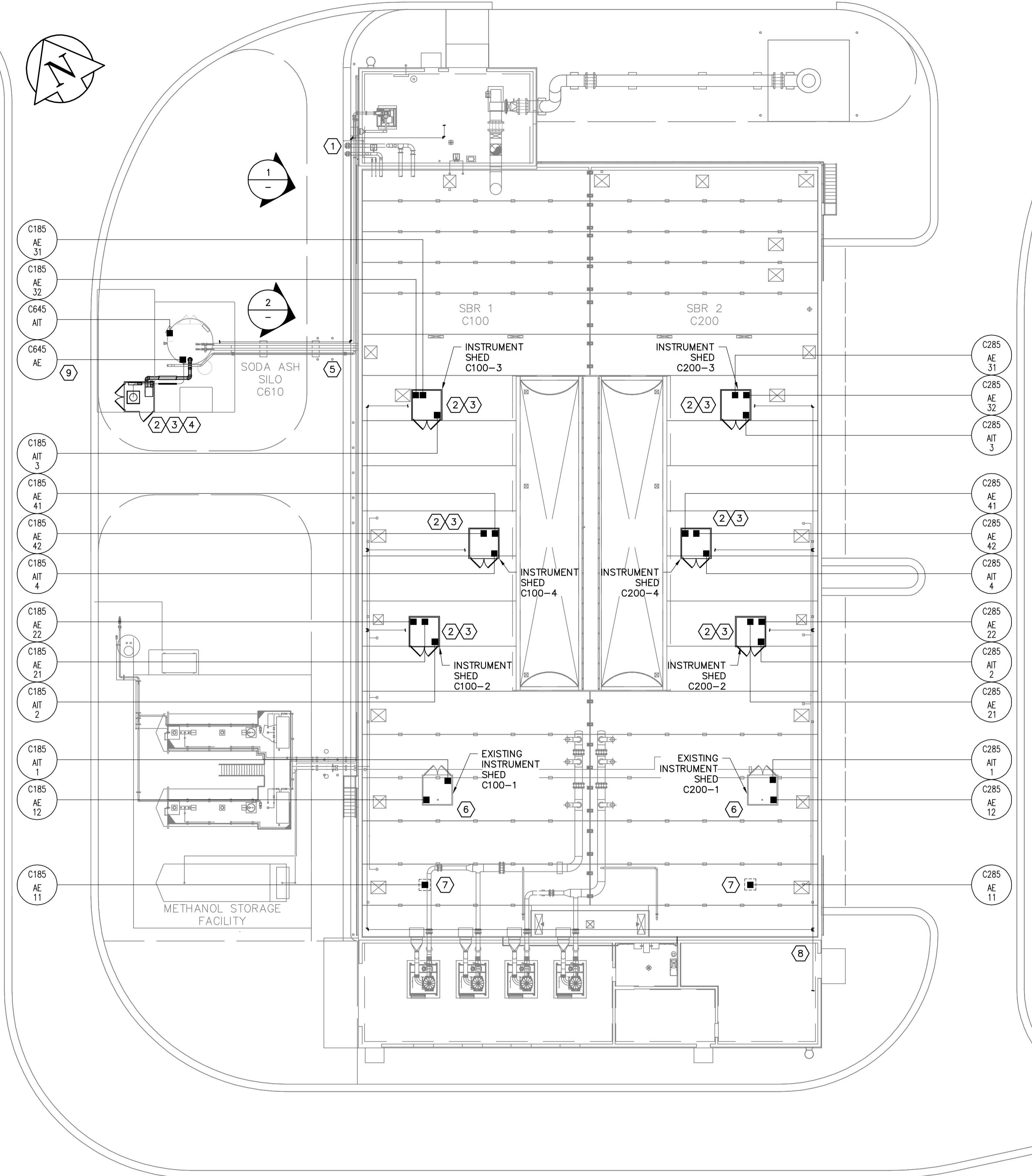
KEYNOTES:

- 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.
- PROVIDE SEVEN (7) NEW 2100mm± SQUARE, INSULATED ENCLOSURES (R10), 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 IN ACCORDANCE WITH B6.
- PROVIDE SEVEN (7) NEW HEATERS:
  - QUELLET 208V, 3 PHASE, 3000W MAXIMUM,
  - CHROMOLOX HVH; OR
  - APPROVED EQUAL IN ACCORDANCE WITH B6.
- 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.

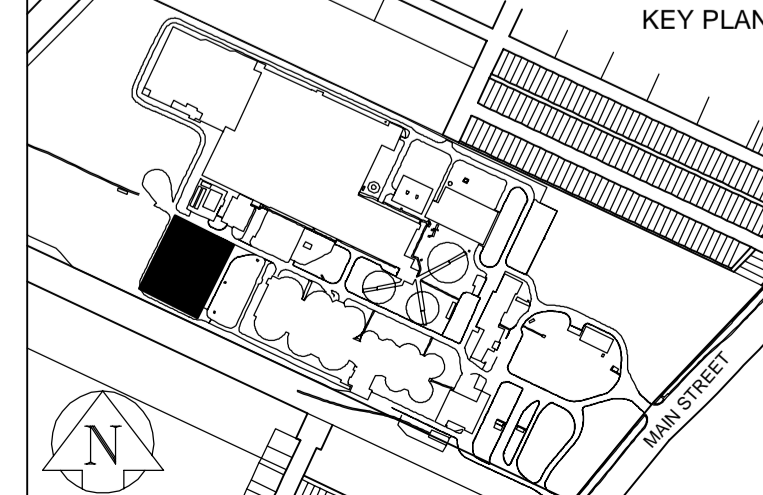
NOTES:

- FOR PROBE INSTALLATION & LOCATIONS, SEE 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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No. 4671 Date: *JUNE 23/16*

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00	ISSUED FOR TENDER: BID OP 547-2016	16/06/23	SRG

**AECOM**

DESIGNED BY: NK	CHECKED BY: KJS
DRAWN BY: SRG	APPROVED BY: KJS
SCALE: HORIZONTAL 1:200	RELEASED FOR CONSTRUCTION
DATE: 2016 06 24	DATE:

PROVINCE OF MANITOBA  
*Jane 23/16*  
**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-P0050-001-00  
SHEET 9 OF 15