

KEYNOTES:

- EXISTING 500 INSTRUMENT AIR LINE FROM COMPRESSOR IN EXHAUST FAN ROOM TO SODA ASH AIR CANNONS.
 - AQUATHERM GREENPIPE, SDR 7.4, UV RATED
 - FOR DETAILS INSIDE EXHAUST FAN BUILDING, SEE DRAWING D-1004.
 - FOR DETAILS AT SODA ASH SILO, SEE DRAWING D-1005.
- EXISTING METAL SHED INSTRUMENT ENCLOSURES:
 - WESTERN STEEL AND TUBE, STANDARD CONTAINERS.
- EXISTING 500 INSTRUMENT AIR LINE FROM COMPRESSOR IN ELECTRICAL ROOM TO EACH POTENTIAL PROBE LOCATION.
 - AQUATHERM GREENPIPE, SDR 7.4, UV RATED
 - FOR DETAILS INSIDE ELECTRICAL ROOM, SEE DRAWING D-1004.
 - FOR CONNECTION TO PROBES, SEE DETAIL 2 ON DRAWING D-1003.
- INSTALL 500 INSTRUMENT AIR LINE CONNECTING SHED C100-1 & C200-1 TO EXISTING SERVICE AIR:
 - AQUATHERM GREENPIPE, SDR 7.4, UV RATED.
 - ROUTE OF INSTRUMENT AIR LINE IS DIAGRAMMATIC. EXACT ROUTING TO BE DETERMINED ON SITE.
 - REUSE EXISTING PIPE SUPPORT WHERE APPLICABLE.
 - FINAL ARRANGEMENT INSIDE INSTRUMENT ENCLOSURE TO MATCH SHED C100-2/C200-2.
- PROVIDE NEW PROCESS PROBES/TRANSMITTERS AND INSTALL WITHIN SBR2.
 - THREE (3) HACH PH PROBES
 - THREE (3) HACH DO PROBES
 - ONE (1) S:CAN NH₄ PROBE
 - ONE (1) S:CAN NO₂ PROBE
 - REFER TO THE SPECIFICATION
 - MOUNTING HARDWARE TO MATCH EXISTING. SEE DRAWING D-0001 FOR PROBE MOUNT DETAILS.
 - INSTRUMENT POWER, SENSORS AND OUTPUT CABLES TO BE FITTED WITH TURCK INC. QUICK CONNECTORS MATCHING THE PINOUTS OF EXISTING INSTRUMENTS SUCH THAT SBR1 AND SBR2 INSTRUMENTS ARE INTERCHANGEABLE.

NOTES:

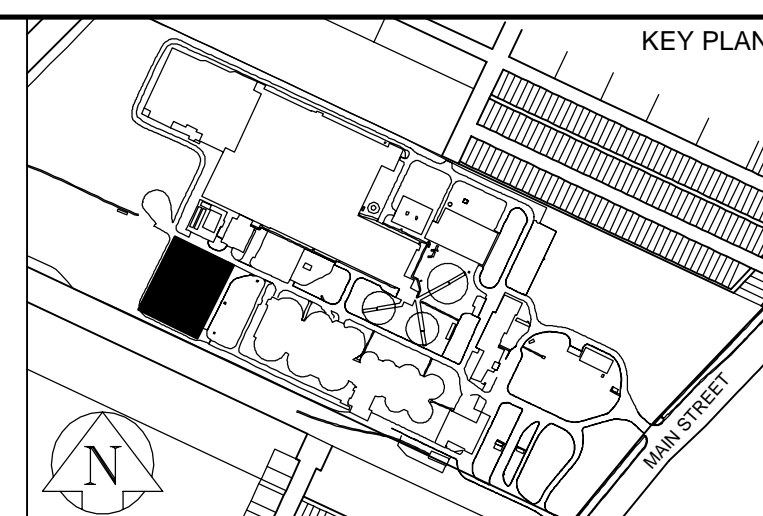
- FOR PROBE INSTALLATION & LOCATIONS, SEE DRAWING D-1003.

REVISION 04 CHANGES	
THE ENGINEER'S DESIGN RESPONSIBILITIES ARE LIMITED TO THE CHANGES INDICATED IN THE CLOUDED WORK	
DESIGNED BY: NK	CHECKED BY: KJS
DRAWN BY: ES	APPROVED BY: KJS
DATE: 18/08/01	RELEASED FOR CONSTR. DATE:

SITE PLAN
SCALE : 1:200



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NO.	REVISIONS	DATE	BY
04	ISSUED FOR TENDER: BID OP 656-2018	18/08/01	ES
03	ISSUED FOR TENDER: BID OP 281-2018	18/05/22	ES
02	ISSUED FOR CONSTRUCTION:	16/10/06	SE
01	BID OP 547-2016, ADDENDUM 2	16/07/07	SRG
00	ISSUED FOR TENDER: BID OP 547-2016	16/06/23	SRG

B.M.	ELEV.

AECOM

DESIGNED BY: NK	CHECKED BY: KJS
DRAWN BY: SRG	APPROVED BY: KJS
SCALE: HORIZONTAL 1:200	RELEASED FOR CONSTRUCTION
DATE: 2018 08 01	DATE:

CONSULTANT DRAWING NUMBER	D-1001
CITY DRAWING NUMBER	1-0101C-P0050-001-04

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2016 NEWPCC
SBR UPGRADES
PROCESS
LOCATION PLAN
& DETAILS

SHEET 2 OF 4