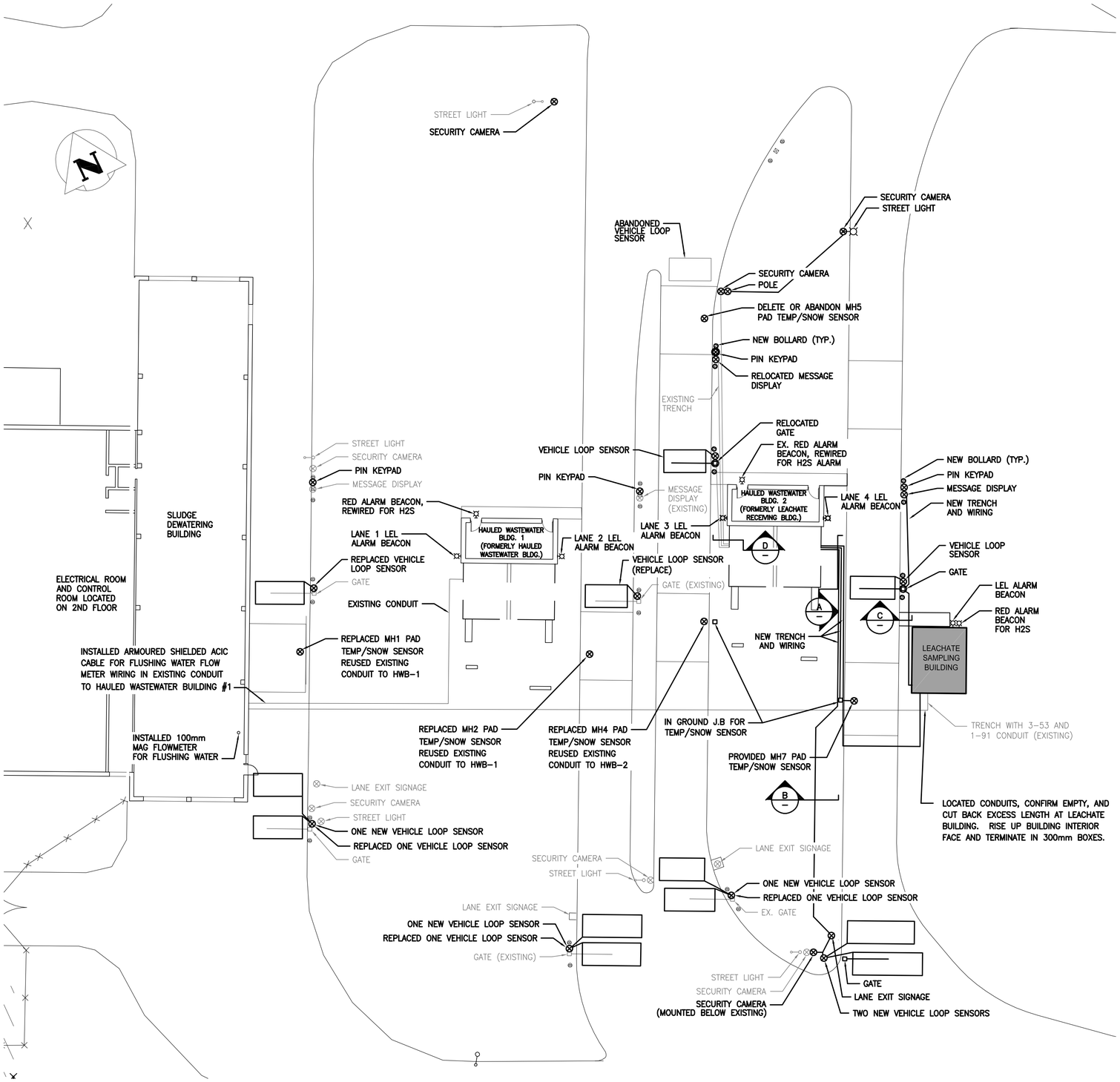
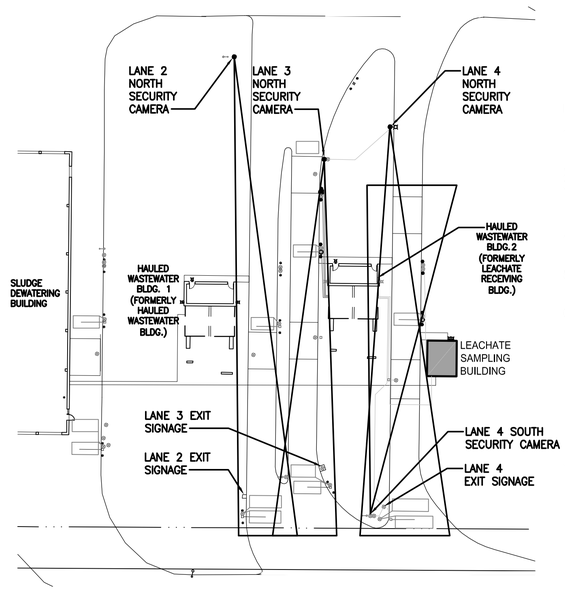


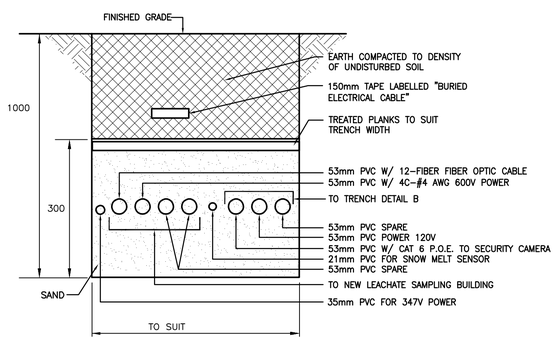
1 SITE PLAN
1:200



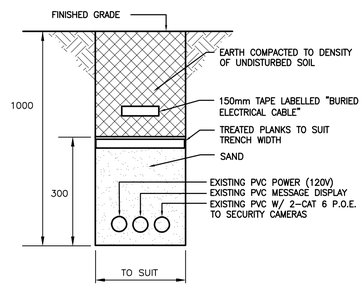
2 SECURITY CAMERA LINE OF SIGHT PLAN
1:500

NOTES

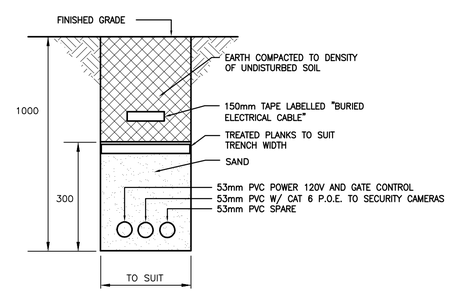
1. ALL WORKS HAS COMPLIED WITH THE WINNIPEG ELECTRIC BYLAW AND THE MANITOBA BUILDING CODE.
2. NOT ALL EXISTING WORKS ARE SHOWN.
3. LOCATED UNDERGROUND SERVICES IN ALL AREAS PRIOR TO EXCAVATION. USE SOFT DIGGING TECHNIQUES AT STRUCTURES AND WHERE HERE IS UNDERGROUND PLANT.
4. REUSED PORTIONS OF EXISTING VEHICLE LOOP SENSOR SAW CUTS THAT ARE WITHIN 300mm OF THE NEW LOCATIONS SHOWN.
5. THE LANE EXIT SIGNAGE IN EACH LANE SHALL BE IN SIGHT OF THE LANE ENTRANCE CAMERA IN THAT LANE EVEN WHILE THE LANE IS IN USE.
6. PILES FOR NEW OR RELOCATED GATES, MESSAGE DISPLAY PEDESTALS, CAMERA POSTS, AND LIGHTING POSTS IS REINFORCED CONCRETE, TO STRUCTURAL PILE SPECS FOR CLASS S-1 EXPOSURE, 610ø, EXTENDING FROM 4000 BELOW GRADE TO 150 ABOVE GRADE AND CHAMFERED 25 mm. FORM PILE AND REINFORCE WITH 6-15M VERT AND 6-10M TIES 150 o/c (TOP) AND 300 o/c (REMAINDER). COORDINATE ANCHOR BOLTS AND BASEPLATES. PROVIDE SLEEVES INCLUDING MIN ONE SPARE SLEEVE PER PILE.
7. NOTE THAT THERE ARE FOUR NEW BOLLARDS FOR LANE 3 AND FOUR EXISTING BOLLARDS TO BE REMOVED FOR LANE 3. THERE ARE 6 NEW BOLLARDS FOR LANE 4. THIS IS THE TOTAL QUANTITY OF BOLLARDS RELATED TO ELECTRICAL WORKS. SEE BOLLARD DETAIL ON DRAWING 1-0101Y-C0001-001 PROPOSED HAULED WASTEWATER PIPING PLAN.



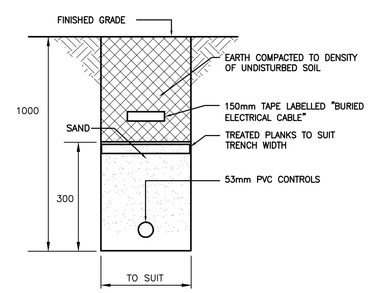
A TRENCH SECTION "A"
N.T.S.



D EX. TRENCH SECTION "D"
N.T.S.



B TRENCH SECTION "B"
N.T.S.



C TRENCH SECTION "C"
N.T.S.

CONSTRUCTION COMPLETION DATE - SEPT. 29, 2017

As-Built Document

These As-Built Documents have been prepared based on information provided by others. The design professional has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein. Those relying on this As-Built Document are advised to obtain independent verification of its accuracy.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
6	AS-BUILT DRAWING	17.07.04	A.M.
5	ISSUED FOR CONSTRUCTION	16.05.13	D.R.
4	ISSUED FOR ADDENDUM #4	16.04.06	D.R.
3	ISSUED FOR TENDER	16.03.09	D.R.
2	ISSUED FOR TENDER REVIEW	16.03.07	D.R.
1	ISSUED FOR 95% REVIEW	16.01.29	D.R.

Stantec
500-311 Portage Ave, Winnipeg MB Canada
www.stantec.com

DESIGNED BY	D.R.	CHECKED BY	S.T.
DRAWN BY	Q.H.L.	APPROVED BY	S.K.B.
HOR. SCALE: VERTICAL:		RELEASED FOR CONSTRUCTION:	
DATE	2016.01.12	DATE	

ENGINEER'S SEAL
ORIGINAL SEALED BY D.L. ROBINSON P. ENG. 2016-03-09

TENDER NO. 952-2015

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT (NEWPCC)
HAULED LIQUID WASTE FACILITY PHASE II UPGRADE

ELECTRICAL SITE PLAN

CITY DRAWING NUMBER: 1-0101A-E0012-001
SHEET 1 OF 4

PLOT DATE: 2018 03 07
BID OPPORTUNITY: 952-2015
FILE PATH: V:\1112\active\111216000\0300_drawing\0302_sheet_files\08_electrical\
FILE NAME: 1-0101A-E0012-001.dwg