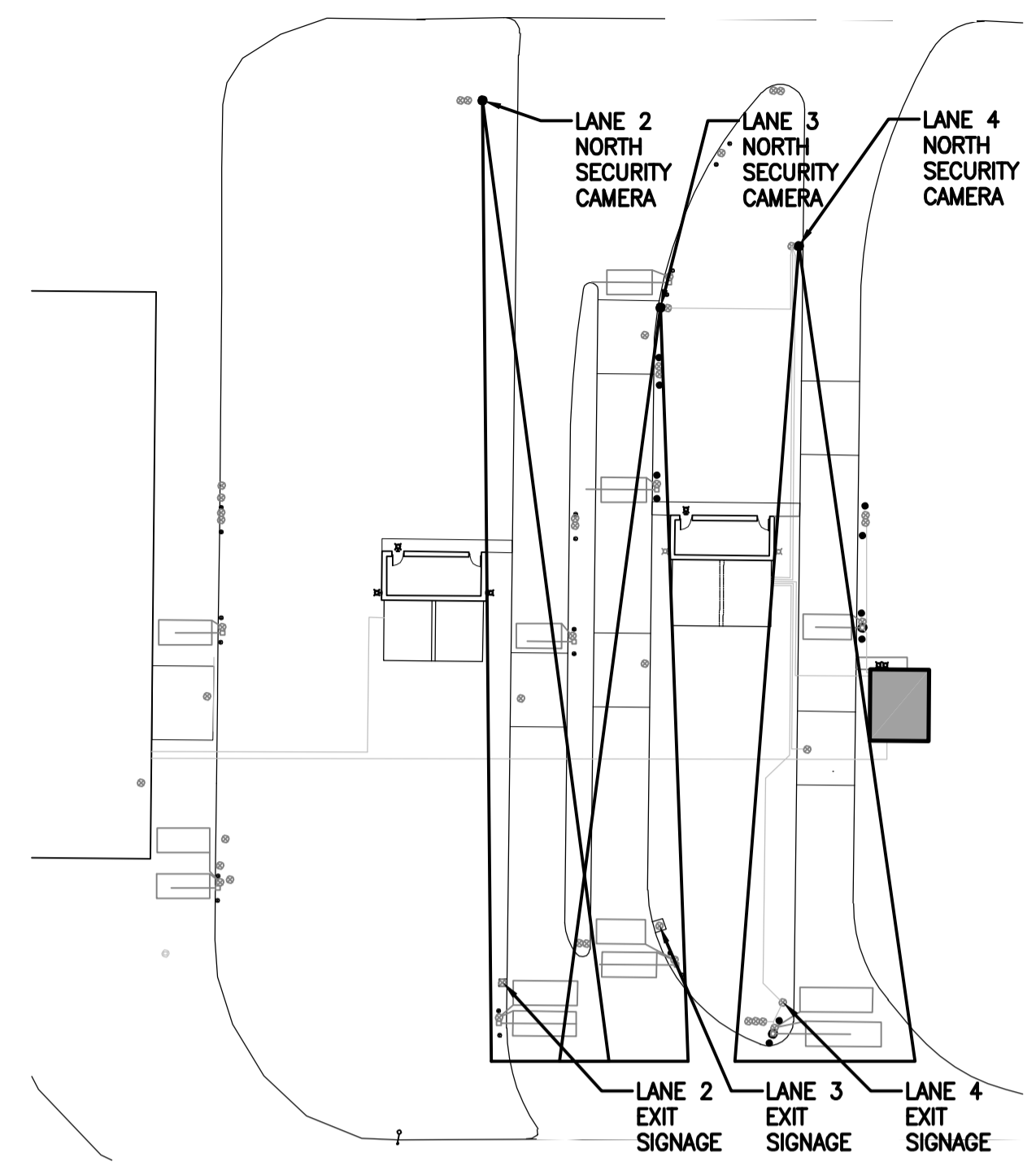
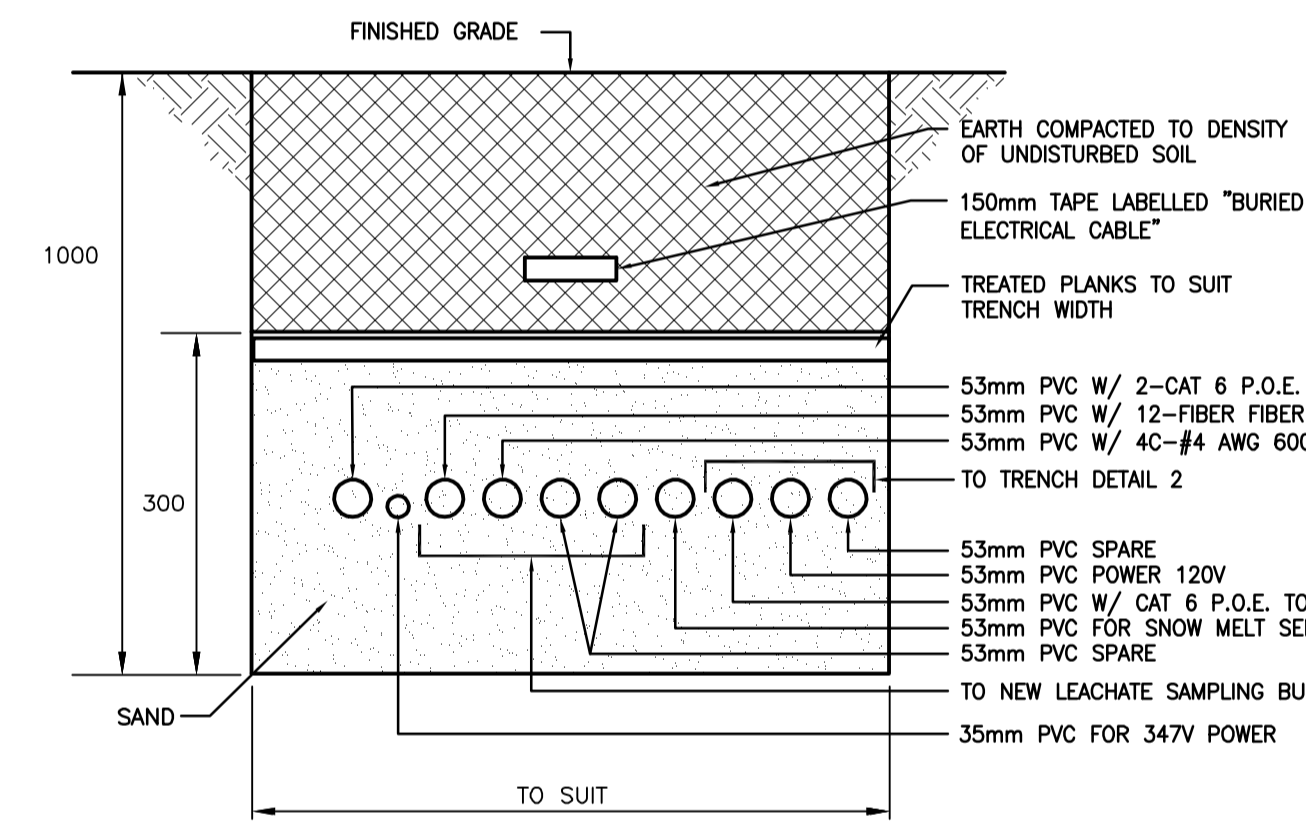


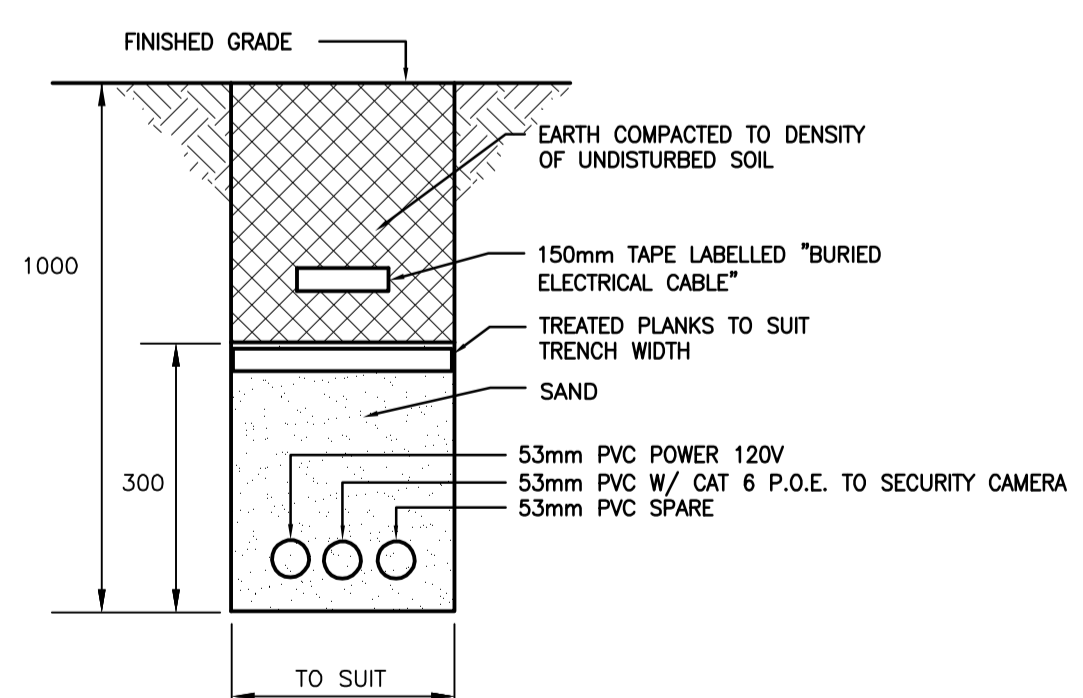
1 SITE PLAN  
1:200



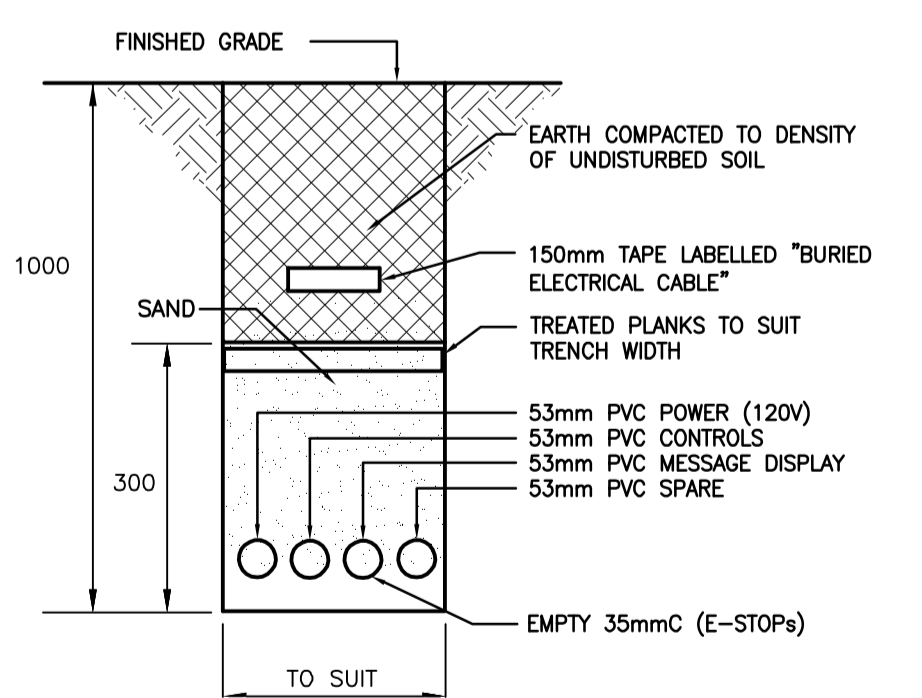
2 SECURITY CAMERA LINE OF SIGHT PLAN  
1:500



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



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



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

- NOTES
- ALL WORKS SHALL COMPLY WITH THE WINNIPEG ELECTRIC BYLAW AND THE MANITOBA BUILDING CODE.
  - NOT ALL EXISTING WORKS ARE SHOWN.
  - LOCATE UNDERGROUND SERVICES IN ALL AREAS PRIOR TO EXCAVATION. USE SOFT DIGGING TECHNIQUES AT STRUCTURES AND WHERE THERE IS UNDERGROUND PLANT.
  - REUSE PORTIONS OF EXISTING VEHICLE LOOP SENSOR SAW CUTS THAT ARE WITHIN 300mm OF THE NEW LOCATIONS SHOWN.
  - 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 PIELS FOR NEW OR RELOCATED GATES, MESSAGE DISPLAY PEDESTALS, CAMERA POSTS, AND LIGHTING POSTS SHALL BE 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.
  - 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.

ELECTRICAL ROOM AND CONTROL ROOM LOCATED ON 2ND FLOOR

INSTALL ARMoured SHIELDED ACIC CABLE FOR FLUSHING WATER FLOW METER WIRING IN EXISTING CONDUIT TO HAULED WASTEWATER BUILDING #1

NEW 100mm MAG FLOWMETER FOR FLUSHING WATER

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:  
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.  
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.  
 SEE PROVINCIAL REGULATION 140/92 FOR DETAILS



**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES

NO.	REVISIONS	DATE	BY
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.

NO.	REVISIONS	DATE	BY
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: RELEASED FOR CONSTRUCTION:  
 VERTICAL: DATE: 2016.01.12

ENGINEER'S SEAL  
 ORIGINAL SEALED BY  
 D.L. ROBINSON  
 P. ENG.  
 16/03/09

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

**Winnipeg**

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

ELECTRICAL SITE PLAN

TENDER NO. 952-2015 CITY DRAWING NUMBER I-OIOIA-E0012-001 SHEET 1 OF 4