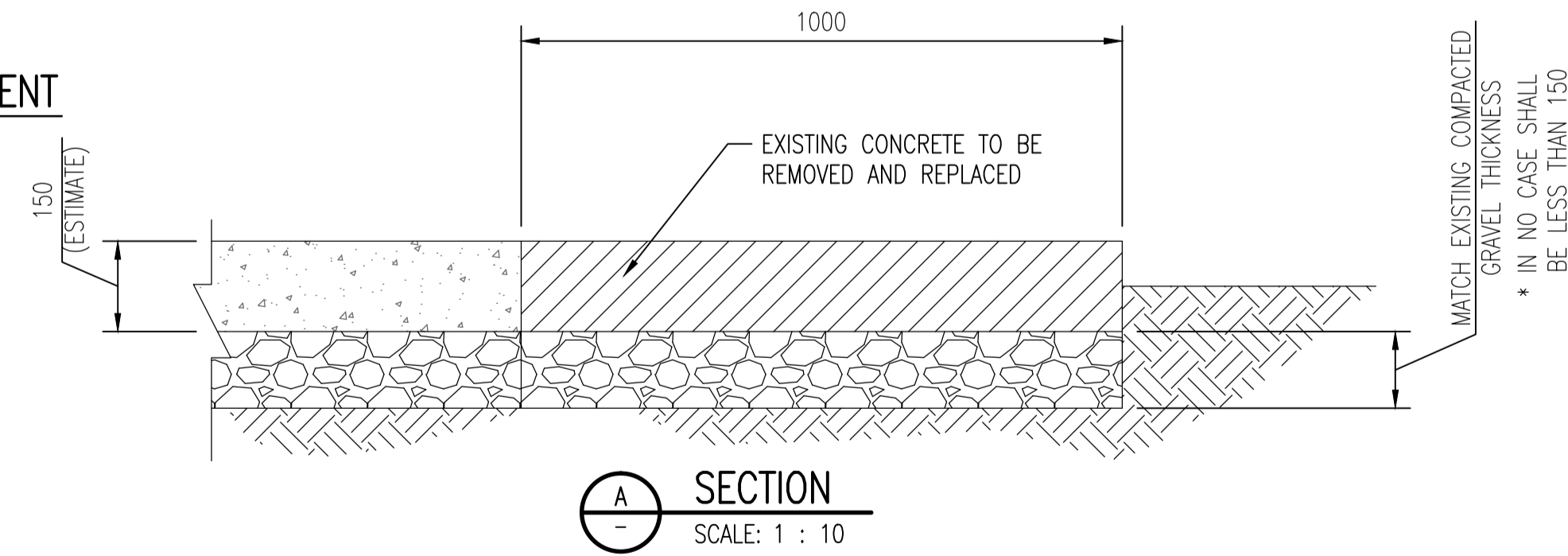


CONCRETE PLAN LAYOUT - CONCRETE REMOVAL AND REPLACEMENT
 SCALE: 1 : 50



GENERAL NOTES:

1. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.

CONCRETE NOTES:

- 1 INFILL NEW SLAB FLUSH WITH EXISTING TOP OF SLABS.
- 2 REINFORCEMENT TO BE AS PER BAR MAT LAYOUT "A" CITY OF WINNIPEG DWG. SD-217
- 3 ALL REINFORCING SHALL BE HELD IN PLACE AND TIED BY THE USE OF PROPER ACCESSORIES. ALL REINFORCING SHALL BE CLEANED OF ALL DIRT, GREASE, AND OTHER DELETERIOUS MATERIALS.
- 4 CONCRETE USED SHALL BE:
 COMPRESSIVE STRENGTH = 30MPa @ 28 DAYS
 SLUMP = 80mm ± 20mm
 MAX. AGGREGATE SIZE = 20mm
 ENTRAINED AIR = 5% ± 1%
 CEMENT = SULPHATE RESISTANT
- 5 USE OF ADDITIVES PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL BY CONTRACT ADMINISTRATOR.
- 6 CONCRETE TO BE MIXED, PLACED, AND TESTED ACCORDING TO CSA A23.1 & A23.2, & CITY OF WINNIPEG STANDARDS CW3230 & CW3310. REINFORCEMENT TO BE IN ACCORDANCE WITH CSA A23.1 & A23.3, AND CITY OF WINNIPEG DWG SD-217.
- 7 CONCRETE SURFACE FINISH TO BE ANTI-SLIP TO MATCH EXISTING SLAB.
- 8 SLAB TO BE SAW CUT AT:
 - 2m O/C IN 1m WIDE PORTION.
 - 3m O/C IN 2m WIDE PORTION.
 - 4m x 4m GRID IN OTHER AREAS.
 CUTTING TO BE OCCUR NO LATER THAN 8HRS AFTER FINISHING.
- 9 INFILL CUTS IN ELECTRICAL ROOM SLAB WITH MANITOBA GRADE 'B BASE' GRAVEL COMPACTED TO MINIMUM 98% MODIFIED PROCTOR DENSITY FLUSH TO TOP OF EXISTING SLAB PRIOR TO POURING NEW SLAB SHOWN ON DWG. 1-0517F-B0001
- 10 SUBGRADE BELOW SLAB REPLACEMENTS TO BE MANITOBA GRADE 'B BASE' GRAVEL COMPACTED TO MINIMUM 98% MODIFIED PROCTOR DENSITY. THICKNESS TO MATCH EXISTING SUBGRADE, BUT NOT LESS THAN 150mm.
- 11 EXCAVATION, BEDDING, & BACKFILL TO BE IN ACCORDANCE WITH THE CITY OF WINNIPEG STANDARD CW2030.
- 12 SEE ELECTRICAL DRAWINGS FOR CABLE INFORMATION INCLUDING VOLTAGES, PROTECTION, & CAUTION TAPE REQUIREMENTS.

LEGEND:

- CONCRETE TO BE SAWCUT AND DEMOLISHED, THEN REPLACED.
- EXISTING UNDERGROUND SERVICE/CABLE.
- NEW UNDERGROUND SERVICE TO BE INSTALLED.

DRAWING NUMBER	REFERENCE DRAWINGS
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DESIGNED BY:	K. KOTYK	CHECKED BY:	R. BEAN
DRAWN BY:	M. TUGADE	APPROVED BY:	C. REIMER
SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION BY:	V. JEANCART
DATE:	2011/09/28	DATE:	2011/11/17
CONSULTANT NO.:	505581-0000-42DD-0102		

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ENGINEER'S SEAL
 ORIGINAL DRAWING SEALED BY:
 K. K. KOTYK
 SNC-LAVALIN INC.
 MEMBER #21950
 2011/11/17
 REV. 00

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

MAGER DRIVE FLOOD AND WASTEWATER PUMPING STATIONS

CONCRETE PLAN LAYOUT
 CABLE ROUTING

CITY DRAWING NUMBER: 1-0157A-B0002

SHEET	REV.	SIZE
001	00	A1