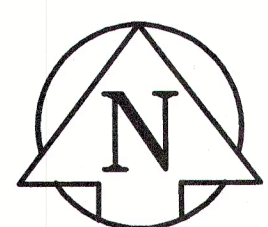
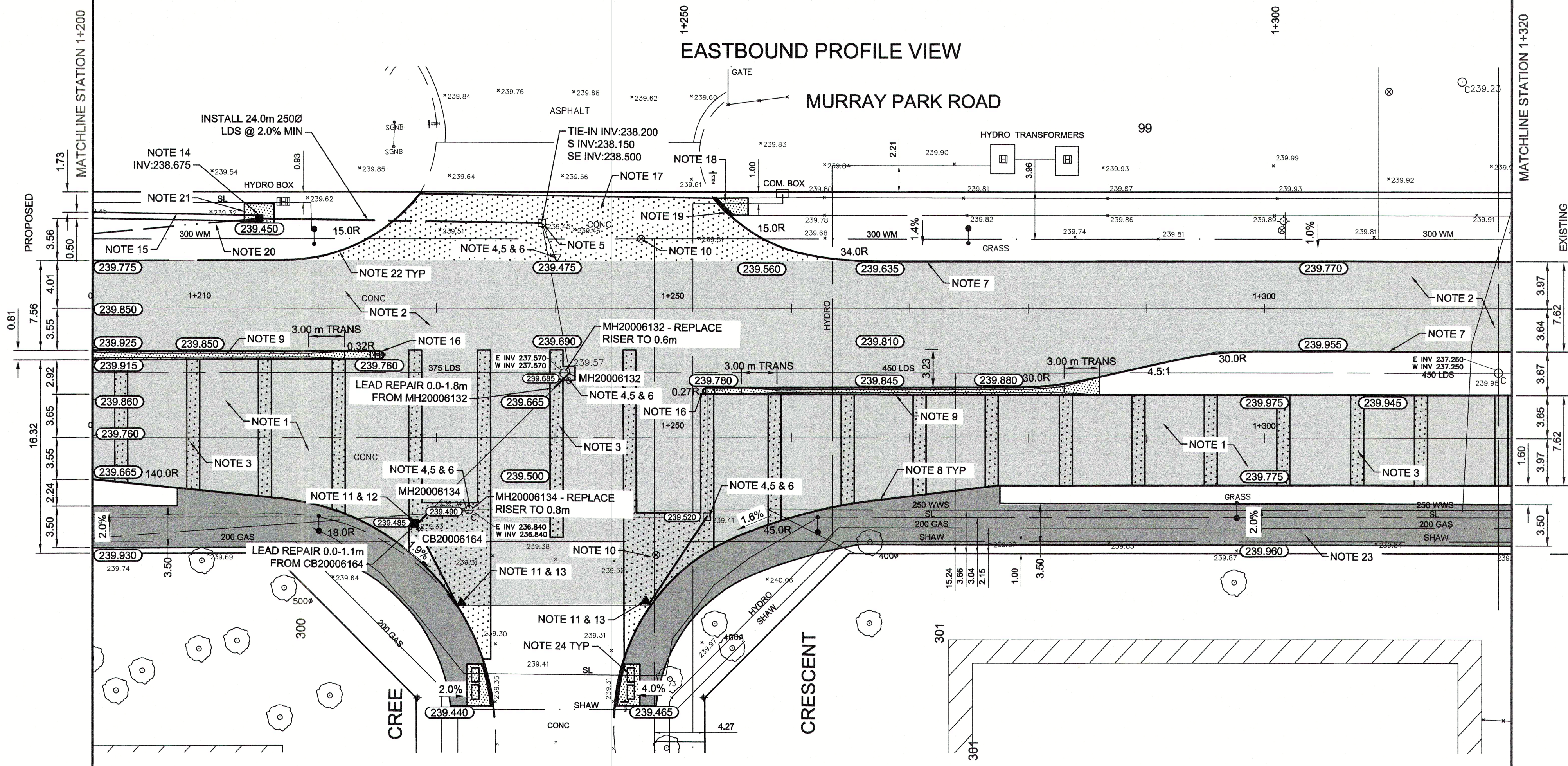


ASPHALT PATH  
 75mm ASPHALT PAVEMENT (TYPE 1A)  
 125mm - BASE COURSE (GRANULAR A)  
 CLASS A GEOGRID  
 150mm - 50mm SUB-BAS (GRANULAR A)  
 SEPARATION/FILTRATION GEO.

TYPICAL ASPHALT PATH CROSS SECTION  
 NTS



- REFERENCE NOTES:
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - BASELINE IS CENTRE LINE ROADWAY
  - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
  - REFER TO AECOM FIELD BOOK NO. 5107

- CONSTRUCTION NOTES:
- CONSTRUCT NEW ASPHALT PAVEMENT OVERLAY TYPE 1A (85mm AVG. THICKNESS)
  - CONSTRUCT NEW ASPHALT PAVEMENT OVERLAY TYPE 1A AND TYPE 3 (125mm AVG. THICKNESS) c/w PAVEMENT REPAIR FABRIC
  - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT OVERLAY
  - ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
  - INSTALL NEW CAST IRON RISER RING
  - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-006 / AP-007)
  - RENEW EXISTING CONCRETE BARRIER CURB (DOWELLED SD-205 100mm REVEAL)
  - CONSTRUCT NEW MODIFIED CONCRETE BARRIER CURB (DOWELLED, 150mm REVEAL)
  - CONSTRUCT NEW CONCRETE SAFETY MEDIUM
  - ADJUST EXISTING WATER VALVE TO GRADE
  - REMOVE EXISTING CATCHBASIN/CATCHPIT
  - INSTALL NEW STANDARD FRAME WITH GRATED COVER c/w 1200mm CATCHBASIN (SD-025) AND CONNECT NEW 250mm LEAD TO EXISTING SEWER SERVICE
  - INSTALL NEW CATCHPIT c/w BARRIER CURB AND GUTTER INLET FRAME AND COVER (SD-023) AND CONNECT NEW 250mm LEAD TO EXISTING CATCHBASIN
  - INSTALL NEW 1200mm CATCHBASIN c/w DITCH INLET AND CONNECT NEW 250mm LEAD TO EXISTING CATCHBASIN (SD-025)
  - REGRADE EXISTING DITCH
  - CONSTRUCT NEW MONOLITHIC CONCRETE BULL NOSE
  - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
  - RENEW EXISTING 100mm CONCRETE SIDEWALK
  - CONSTRUCT NEW CONCRETE CURB RAMP (10-12mm REVEAL, MONOLITHIC)
  - INSTALL NEW 150mm SUBDRAIN ALONG THE NORTH EDGE OF EXCAVATION AND CONNECT TO NEW CATCHBASIN
  - CONSTRUCT NEW RIP RAP PAD
  - CONSTRUCT NEW MODIFIED CONCRETE BARRIER CURB (INTEGRAL, 150mm REVEAL)
  - CONSTRUCT NEW 75mm ASPHALT PATH TYPE 1A
  - INSTALL NEW DETECTABLE WARNING SURFACE TILES

**ENGINEERS**  
**GEOSCIENTISTS**  
**MANITOBA**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: *Mar 15/22*

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

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.W.	WATERMAIN	150 mm W.W.	---	HYDRO	---	---	Q PROFILE	---
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	---	CONCRETE	---	---	SOUTH GUTTER	---
250 mm W.W.S.	WASTEWATER SEWER	250 mm W.W.S.	---	ASPHALT	---	---	SOUTH MEDIAN GUTTER	---
○	MANHOLE	○	---	PROPERTY LINE	---	---	SOUTH DITCH Q	---
□	CATCH BASIN	□	---	SURVEY BAR	---	---	NORTH GUTTER	---
▽	CATCH PIT	▽	---	ELEVATION	---	---	NORTH MEDIAN GUTTER	---
+	JUNCTIONS	+	---	TREE	---	---	NORTH DITCH Q	---
---	CULVERT	---	---	SIDEWALK RAMP	---	---	S PROPERTY LINE	---
---	GAS	---	---	CONCRETE SIDEWALK	---	---	N PROPERTY LINE	---
---		---	---	FENCE	---	---		---

LOCATION APPROVED  
 UNDERGROUND STRUCTURES

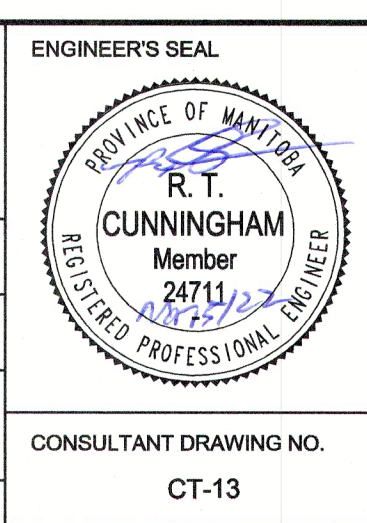
SUPV. UG STRUCTURES COMMITTEE DATE

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. #1 - 74M631 - Tbt. In E. wall adjacent to Main Entrance of Boeing of Canada Bldg., No. 99 Murray Park Rd., 0.7 m N of S.E. Cor. of main entrance.  
 EL: 238.254

**AECOM**

DESIGNED BY	BC	CHECKED BY	RC
DRAWN BY	JT	APPROVED BY	RC
HOR. SCALE: 1:250			
VERTICAL: 1:10			
RELEASED FOR CONSTRUCTION BY:			
CONSULTANT DRAWING NO. CT-13			



**THE CITY OF WINNIPEG**  
**Winnipeg** PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION

2022 INDUSTRIAL STREET  
 RENEWAL PROGRAM

MURRAY PARK ROAD - STA 1+200 TO STA 1+320  
 ASPHALT PAVEMENT REHABILITATION  
 PLAN/PROFILE

CITY DRAWING NUMBER  
 SHEET 13 OF 20