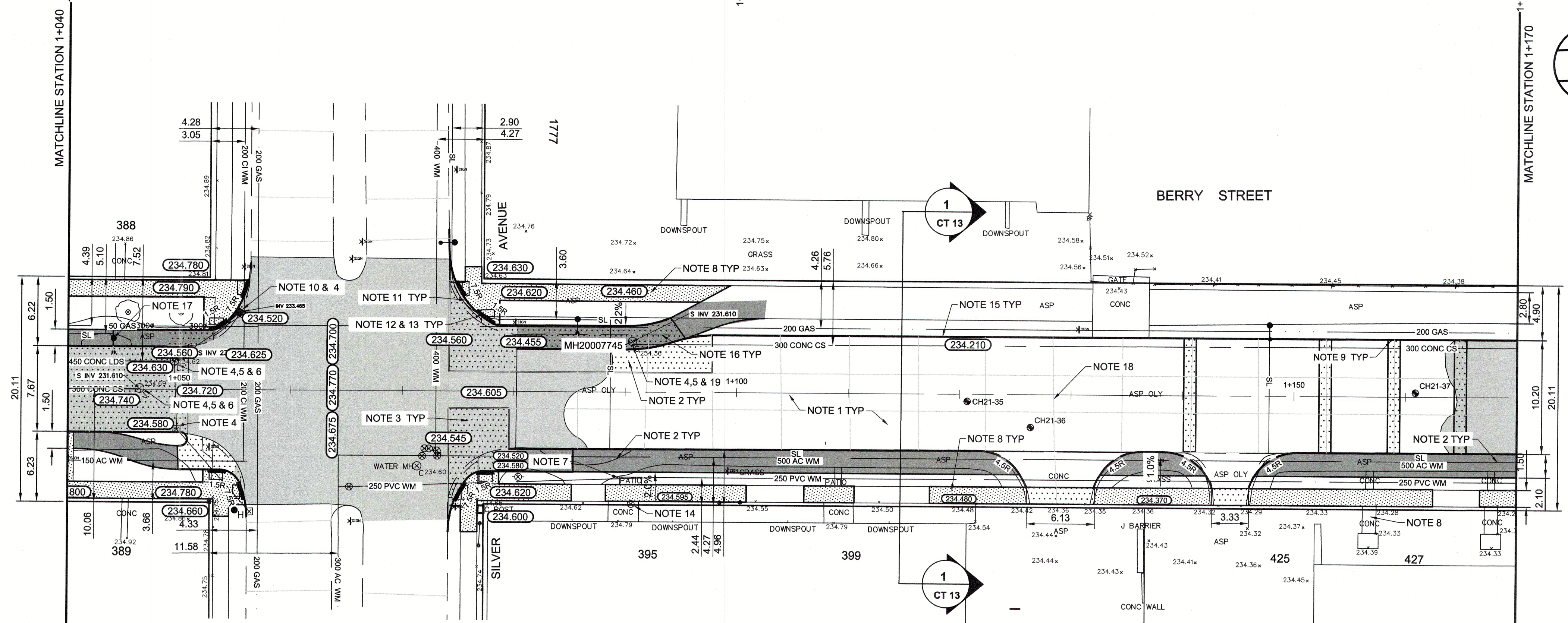


**1 CT 13 ASPHALT PATH TYPICAL CROSS SECTION-3**  
Scale NTS



- 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. 5113
- CONSTRUCTION NOTES:**
- CONSTRUCT NEW ASPHALT PAVEMENT OVERLAY TYPE 1A (100mm AVG. THICKNESS)
  - CONSTRUCT NEW ASPHALT BIKE PATHWAY PAVEMENT TYPE 1A (75mm THICKNESS) C/W COMPACTED 125mm OF LIMESTONE BASE COURSE, GEOGRID, 150mm OF 50mm LIMESTONE SUB-BASE AND SEPARATION/FILTRATION GEOTEXTILE.
  - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
  - 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)
  - ADJUST EXISTING PATIO BLOCKS
  - RENEW EXISTING CONCRETE SIDEWALK
  - INSTALL CONCRETE BARRIER CURB (SEPARATE SD-203A, 75mm REVEAL)
  - REMOVE AND RELOCATE EXISTING CATCH BASIN AND CONNECT TO EXISTING 250mm LEAD
  - REMOVE EXISTING BARRIER CURB AND CONSTRUCT NEW MODIFIED BARRIER CURB (150mm REVEAL)
  - CONSTRUCT NEW CONCRETE CURB RAMP (10-12mm REVEAL, MONOLITHIC)
  - INSTALL NEW DETECTABLE WARNING TILE
  - ADJUST EXISTING WATER VALVE TO GRADE
  - REMOVE EXISTING BARRIER CURB AND CONSTRUCT NEW CONCRETE BARRIER CURB (75mm REVEAL HT. DOWELED)
  - REMOVE EXISTING CONCRETE BARRIER CURB
  - REMOVE AND RELOCATE STREET LIGHTS. REFER TO MANITOBA HYDRO STREET LIGHT DRAWINGS FOR LOCATION
  - CONTRACT ADMINISTRATOR TO DETERMINE LOCATIONS FOR INSTALLATION OF PAVEMENT REPAIR FABRIC PRIOR TO ASPHALT PAVING
  - MH20007745 - REPLACE RISER TO 0.7m

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: 2022/02/17

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

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	---	HYDRO	---	---	Q PROFILE	---
300 mm L.D.S.	HYDRANT	300 mm L.D.S.	---	M.T.S.	---	---	WEST GUTTER	---
250 mm W.W.S.	VALVE	250 mm W.W.S.	---	CONCRETE	---	---	EAST GUTTER	---
	LAND DRAINAGE SEWER		---	ASPHALT	---	---	WEST PROPERTY LINE	---
	WASTEWATER SEWER		---	PROPERTY LINE	---	---	EAST PROPERTY LINE	---
	MANHOLE		---	SURVEY BAR	---	---		---
	CATCH BASIN		---	ELEVATION	(235.750)	---		---
	CATCH PIT		---	TREE	---	---		---
	JUNCTIONS		---	SIDEWALK RAMP	---	---		---
	CULVERT		---	CONCRETE SIDEWALK	---	---		---
	GAS		---	FENCE	---	---		---

**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. #30 N.W. Corn. Queen St. & Silver Ave., Tdbt. in S. Corn. foundation No. 424 Queen St., 1m E. & 0.2m below. ELEVATION: 234.449m. BOOK # 5113.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	02/17/2022	BC
A	ISSUED FOR REVIEW	01/28/2022	BC

**AECOM**

DESIGNED BY: BC  
DRAWN BY: AA  
CHECKED BY: BC/TF  
APPROVED BY: [Signature]  
HOR. SCALE: 1=250  
VERTICAL: 1=10  
RELEASED FOR CONSTRUCTION BY: [Signature]  
DATE: 02/17/2022

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT DRAWING NO. CT-13

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

2022 LOCAL AND INDUSTRIAL STREET RENEWAL PROGRAM

BERRY STREET - PORTAGE AVENUE TO ELLICE AVENUE  
ASPHALT PAVEMENT REHABILITATION  
STATION 1+040 TO STATION 1+170

CITY DRAWING NUMBER: R  
SHEET 13 OF 11