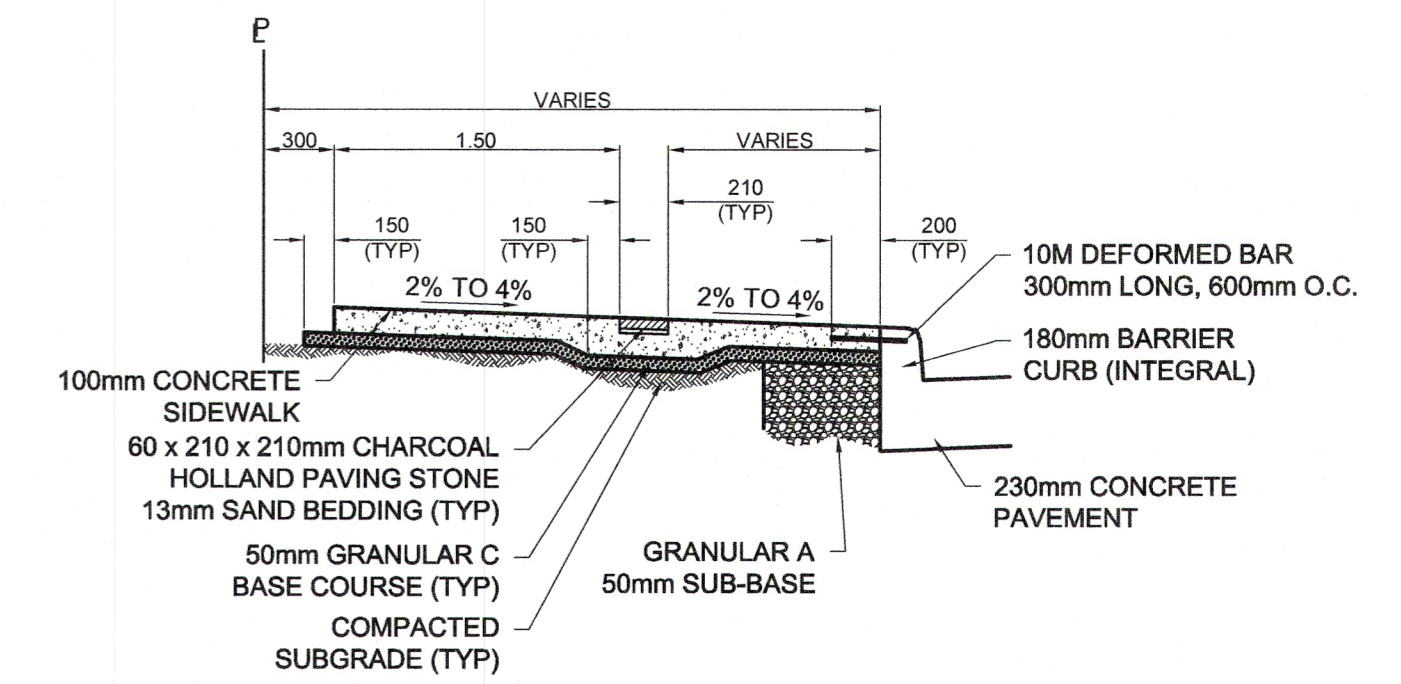
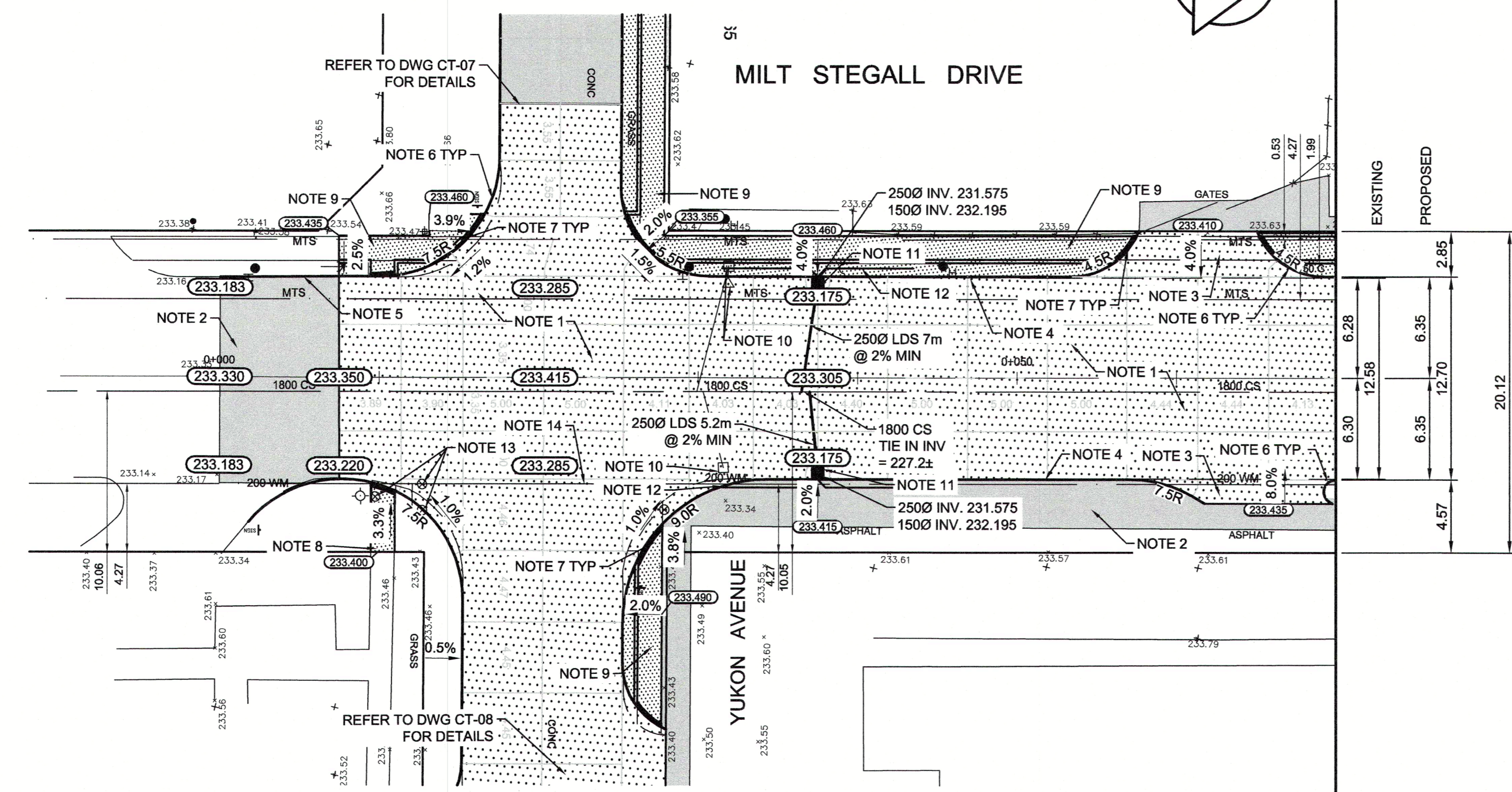


**4 LANE TYPICAL CROSS SECTION**  
NTS



**100mm CONCRETE SIDEWALK WITH PAVING BAND**  
NTS



**REFERENCE NOTES:**

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE ROADWAY
- C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- D. REFER TO AECOM FIELD BOOK NO. 5111

**CONSTRUCTION NOTES:**

1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELED CONCRETE PAVEMENT
2. REMOVE EXISTING ASPHALT PAVEMENT AND CONSTRUCT NEW 75mm TYPE 1A ASPHALT PAVEMENT
3. CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
4. CONSTRUCT NEW BARRIER CURB (180mm HT. INTEGRAL)
5. RENEW EXISTING BARRIER CURB (180mm HT. DOWELED)
6. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL)
7. CONSTRUCT NEW CURB RAMP (10-12mm HT. INTEGRAL)
8. RENEW EXISTING 100mm CONCRETE SIDEWALK
9. REMOVE EXISTING SIDEWALK AND CONSTRUCT NEW 100mm CONCRETE SIDEWALK c/w BLOCKOUT AND PAVING STONES
10. REMOVE EXISTING CATCHBASIN/CATCHPIT AND ABANDON LEAD
11. INSTALL NEW CURB AND GUTTER INLET c/w 1800mm CATCHBASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 1800 CONCRETE COMBINED SEWER
12. INSTALL 150mm SUBDRAIN 6.0m ON EACH SIDE OF CATCHBASIN
13. ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
14. INSULATE EXISTING WATER MAIN/WATER SERVICE WITHIN PAVEMENT EXCAVATION AS PER SD-018

**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.M.	WATERMAIN	150 mm W.M.	---	HYDRO	---	---	Q PROFILE	---
⊕	HYDRANT	⊕	---	M.T.S.	---	---	EAST GUTTER	---
⊙	VALVE	⊙	---	CONCRETE	---	---	WEST GUTTER	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	---	ASPHALT	---	---	S PROPERTY LINE	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	---	PROPERTY LINE	---	---	N PROPERTY LINE	---
○	MANHOLE	●	---	SURVEY BAR	---	---		---
□	CATCH BASIN	■	235.750	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. ELEV. #23 - S. side of Ellice Ave, E. of Empress St., Tbt in Concrete foundation of No. 1320 Ellice Ave, 1m E. & 0.3m EL: 233.965

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	03/15/22	BC
A	ISSUED FOR REVIEW	02/11/22	BC



ENGINEER'S SEAL

PROVINCE OF MANITOBA  
R.T. CUNNINGHAM  
Member  
24711  
REGISTERED PROFESSIONAL ENGINEER

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

2022 INDUSTRIAL STREET  
RENEWAL PROGRAM

MILT STEGALL DRIVE - YUKON AVENUE TO STATION 0+070  
CONCRETE PAVEMENT RECONSTRUCTION  
PLAN/PROFILE

CITY DRAWING NUMBER  
SHEET 09 OF 20