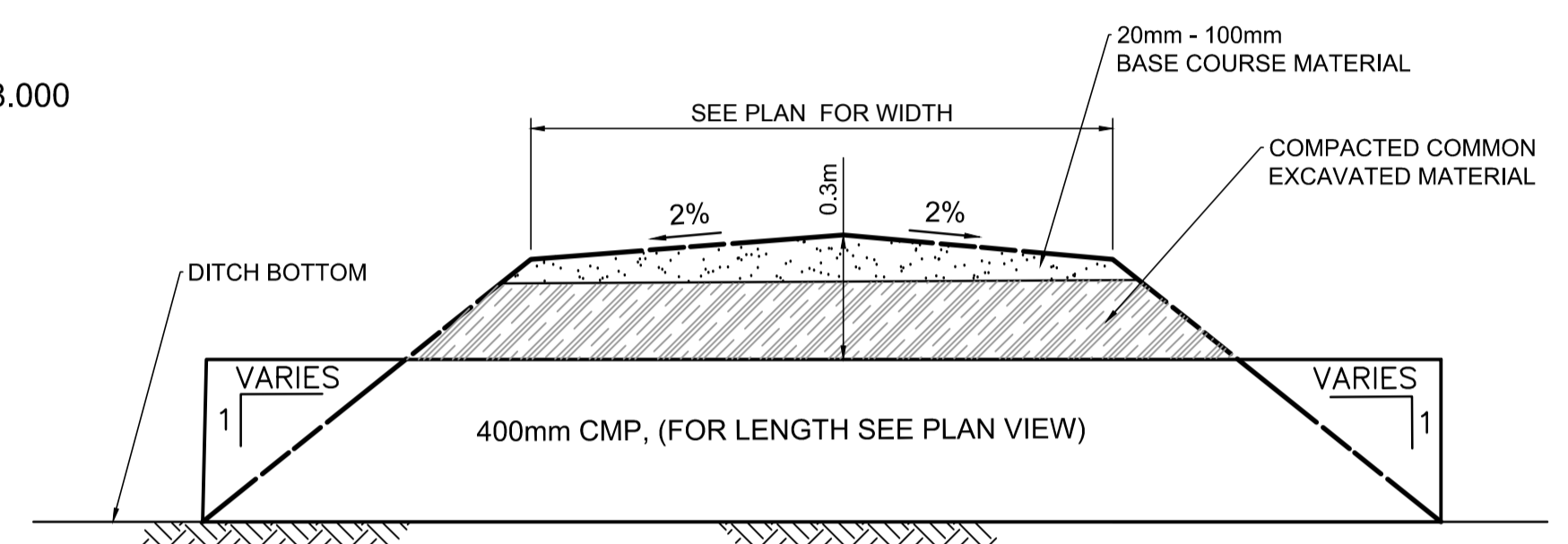


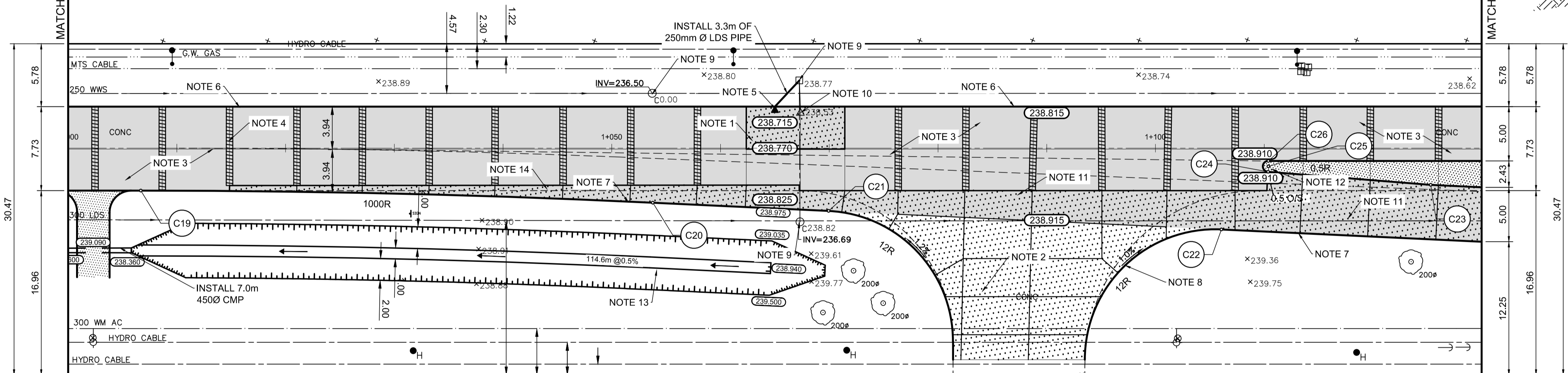
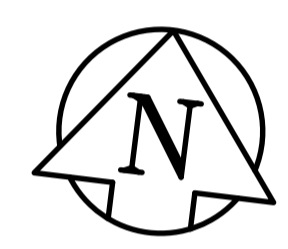
50 ASPHALT (TYPE 1A)
 200 REINFORCED CONCRETE PAVEMENT
 75 BASE COURSE MATERIAL
 375 CRUSHED SUB BASE MATERIAL
 (MAX. SIZE 50mm)
 SEPERATION GEOTEXTILE FABRIC
 GEOGRID
 PREPARED SUBGRADE

TYPICAL CROSS SECTION



'A' ACCESS PAD CROSS SECTION
 NOT TO SCALE

SASKATCHEWAN AVENUE



- REFERENCE NOTES
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - BASILINE IS CENTRE LINE RIGHT-OF-WAY
 - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
 - REFER TO AECOM FIELD BOOK NO. 4994

- CONSTRUCTION NOTES
- REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w NEW ASPHALTIC OVERLAY
 - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
 - PLACE NEW ASPHALTIC PAVEMENT TYPE III (75mm) TYPE 1A (50mm)
 - PARTIAL DEPTH PLANING OF EXISTING JOINTS AND ASPHALT PATCHING OF EXISTING JOINTS USING TYPE 1A
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN
 - RENEW EXISTING CONCRETE BARRIER CURB (150mm REVEAL HT. DOWELLED)
 - CONSTRUCT NEW CONCRETE BARRIER CURB (150mm REVEAL HT. SEPARATE)
 - CONSTRUCT NEW CONCRETE MODIFIED BARRIER CURB (150mm REVEAL HT. INTEGRAL)
 - ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
 - REMOVE EXISTING CATCHPIT AND ABANDON LEAD
 - CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w NEW ASPHALTIC OVERLAY
 - CONSTRUCT NEW MONOLITHIC CONCRETE BULLNOSE
 - REGRADE EXISTING DITCH
 - REMOVE EXISTING CONCRETE BARRIER CURB

AECOM
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: _____

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

BASELINE UTM COORDINATES			
POINT I.D.	DESCRIPTION	NORTHING	EASTING
C19	ET/BC: 1+006.688	5529233.281	624635.124
C20	EC/BT: 1+053.776	5529238.047	624681.982
C21	ET/BC: 1+069.945	5529239.305	624698.121
C22	ER/BT: 1+006.688	5529242.116	624734.174
C23	ET/BT: 1+025.316	5529248.580	624752.762
C24	BC/BT: 1+010.365	5529247.914	624737.777
C25	0.5m BULLNOSE RAD	5529248.412	624737.738
C26	EC/BT: 1+010.387	5529248.908	624737.676

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	M.T.S.	— x —	Q	PROFILE	—
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	ASPHALT	—	—	NORTH GUTTER	—
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	SURVEY BAR	—	—	SOUTH GUTTER	—
○	MANHOLE	●	ELEVATION	(235.750)	—	—	N/W PROPERTY LINE	—
□	CATCH BASIN	■	TREE	—	—	—	S/E PROPERTY LINE	—
▽	CATCH PIT	●	SIDEWALK RAMP	—	—	—		
—	JUNCTIONS	—	CONCRETE SIDEWALK	—	—	—		
—	CULVERT	—	FENCE	—	—	—		
—	GAS	—						

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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	03/05/2018	BC
A	ISSUED FOR REVIEW	02/02/2018	BC

AECOM

DESIGNED BY: SS
 CHECKED BY: BC/KWR

DRAWN BY: SS
 APPROVED BY:

HOR. SCALE: 1:250
 VERTICAL: 1:10

RELEASED FOR CONSTRUCTION BY:

DATE

ENGINEER'S SEAL

PROVINCE OF MANITOBA

K.W. RAE

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-32

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2018/2019 INDUSTRIAL STREET RENEWAL PROGRAM

SASKATCHEWAN AVENUE - STURGEON RD TO MORAY ST
 PAVEMENT REHABILITATION
 STATION 1+000 TO STATION 1+130

CITY DRAWING NUMBER
 SHEET 32 OF 47