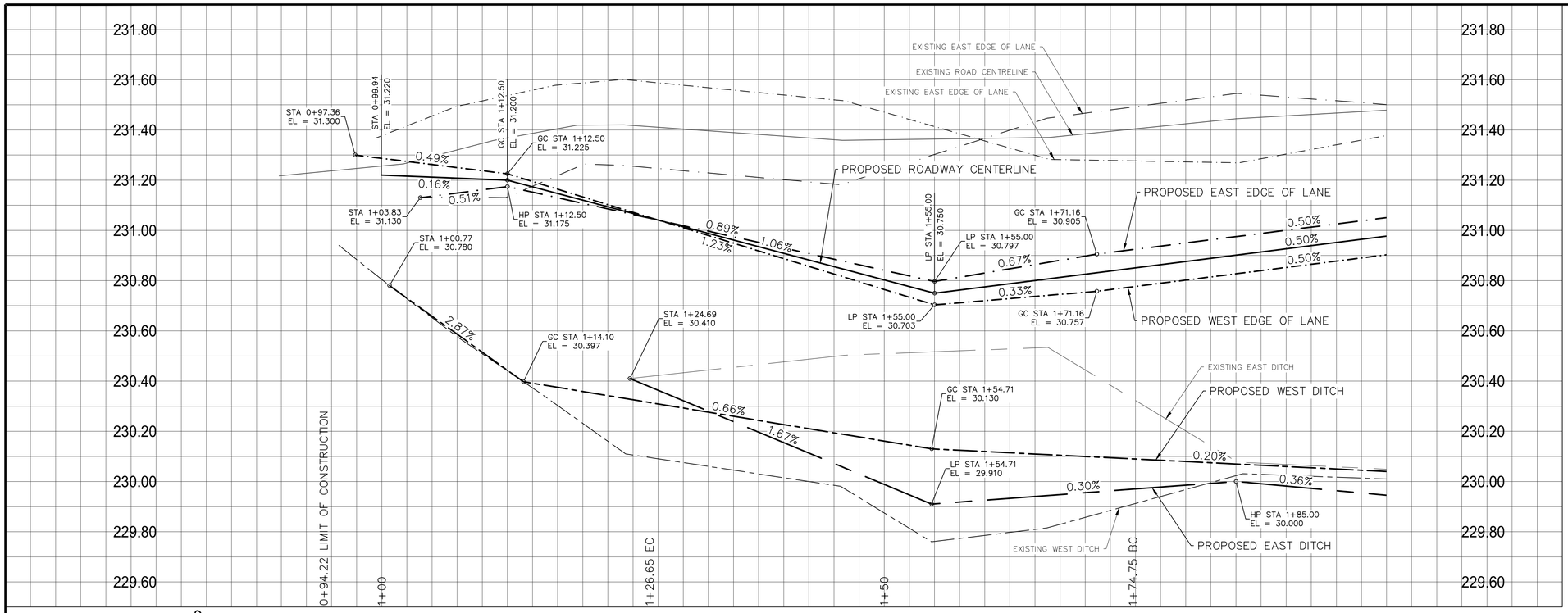
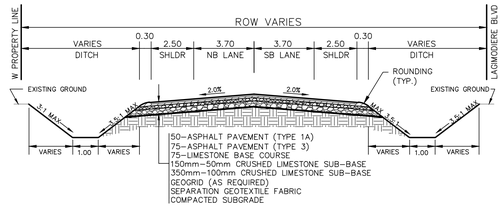
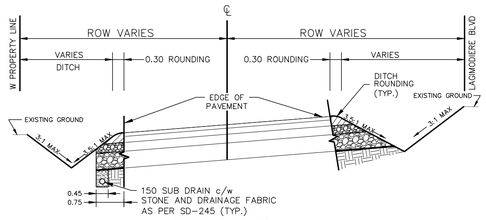


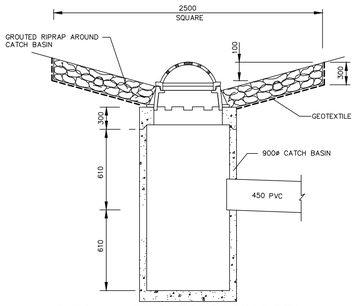


NOTE: SHOULDER WIDENS TO 3.50m AT BUS BAY LOCATIONS

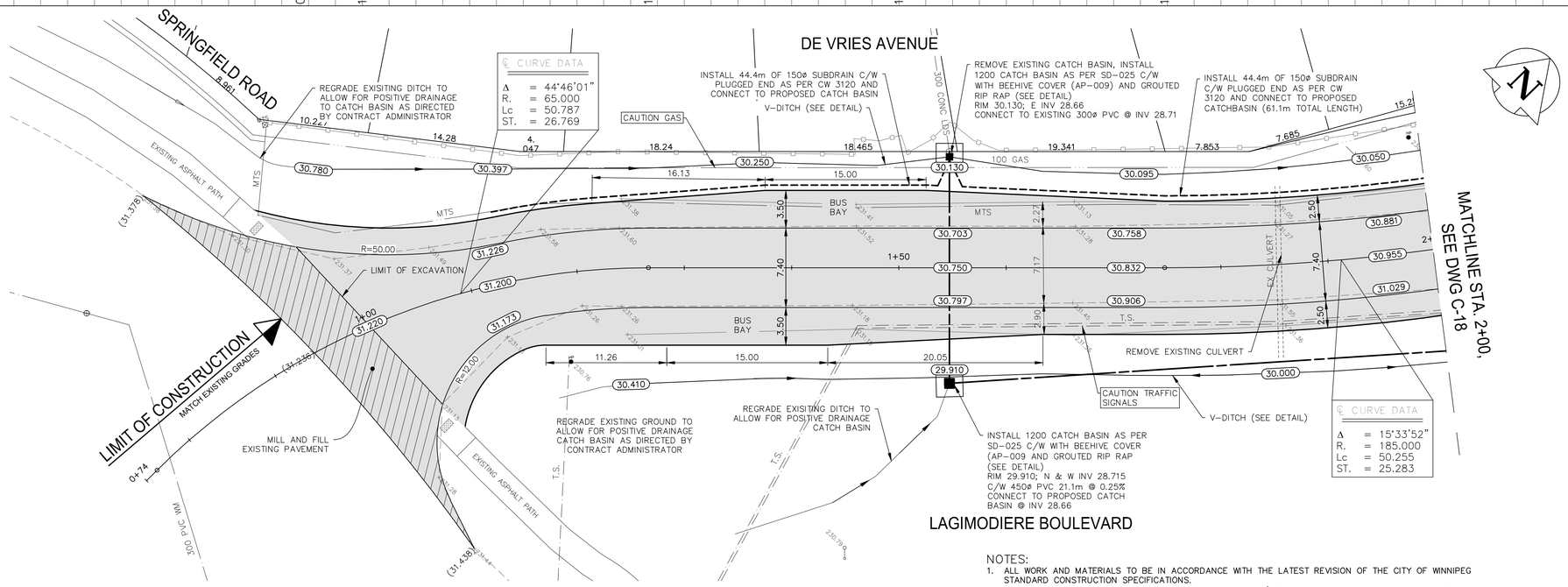
TYPICAL ROAD CROSS SECTION
NTS



V-DITCH SECTION
NTS



DITCH INLET CATCHBASIN DETAIL
N.T.S.



NOTES:
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
3. ALL ROADWAY DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT.
4. ADD 200.00 TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATION.
5. RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
6. LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
7. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
8. DITCHES TO BE REGRADED AS SHOWN OR DIRECTED BY CONTRACT ADMINISTRATOR
9. ALL BOULEVARDS AND LANDSCAPE AREAS TO BE SEEDED UNLESS OTHERWISE NOTED. LIMITS TO BE IDENTIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
10. ALL APPROACHES TO BE ASPHALT UNLESS OTHER WISE SHOWN
11. ADJUST ALL WATER VALVES, HYDRANTS, MANHOLES, AND CATCH BASINS IN WORK AREA TO GRADE AS DIRECTED BY CONTRACT ADMINISTRATOR.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
WSP Canada Group Limited
No. 6657

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
	WATER MAIN			IRON BAR				
	LAND DRAINAGE SEWER			HYDRO POLE & LIGHT STANDARD				
	WASTE WATER SEWER			LIGHT STANDARD OR TRAFFIC SIGNAL				
	HYDRO		HP	HYDRO POLE				
	M.T.S.			CURB RAMP				
	GAS			DETECTABLE WARNING SURFACE TILE				
	SIGNALS			EDGE OF SIDEWALK				
○	MANHOLE	●		FENCE				
□	CATCH BASIN	■		PROPERTY LINE				
△	CURB INLET	▼		EDGE OF CONCRETE				
	UTILITIES ADJUSTED	△ □ ○		EDGE OF ASPHALT				
⌋	PLUG	⌋		MODIFIED BARRIER CURB				
◇	HYDRANT	◆		BARRIER CURB			NORTH OR WEST SIDEWALK	
⊗	VALVE	⊗		BARRIER CURB AND GUTTER			SOUTH OR EAST SIDEWALK	
♂	CURB STOP	♂		CONC SIDEWALK			ROADWAY CENTRELINE	
230.99	GROUND GRADE			CONCRETE SLAB			NORTH OR WEST EOP	
(31.00)	GRADE	31.00		ASPHALT			SOUTH OR EAST EOP	
⟶	ANCHOR			MILLED SURFACE			NORTH OR WEST DITCH	
#111	CIVIC ADDRESS			ASPHALT JOINT REPAIR			SOUTH OR EAST DITCH	

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY:

SUPV U/G STRUCTURES DATE

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 EXISTANCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING

G.B.M. - BENCHMARK LOCATION
ELEV. - TOP OF TOP NUT ON HYDRANT SOUTH WEST CORNER OF DE VRIES AVENUE AND SPRINGFIELD ROAD.
232.056

NO.	REVISIONS	DATE	BY
H	-	-	-
G	-	-	-
F	-	-	-
E	-	-	-
D	-	-	-
C	ISSUED FOR TENDER	2018-03-20	SM
B	ISSUED FOR UNDERGROUND STRUCTURES REVIEW	2018-03-09	SM
A	ISSUED FOR CLIENT REVIEW	2018-02-21	SM

WSP Canada Inc
Suite 111 - 93 Lombard Ave
Winnipeg, MB R3B 3B1
t. 204.943.3178
f. 204.943.4948
www.wsp.com

DESIGNED BY	RH	CHECKED BY	VM/SM
DRAWN BY	RH	APPROVED BY	SM
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERTICAL	1:10		
DATE	2017-11-20	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
S.C. MINTY
Member 23073
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO.
17M-02216-00-C-17

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

2018 LOCAL STREET RENEWAL PROGRAM
DE VRIES AVENUE
SPRINGFIELD ROAD TO MCIVOR AVENUE
PAVEMENT RECONSTRUCTION
STA. 0+94.22 TO STA. 2+00

CITY DRAWING NUMBER: --
SHEET 17 OF 22
BID NO. 33-2018