CONSTRUCTION NOTES: 1. ALL DIMENSIONS ARE TO BACK OF CURB. 2. ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C. 3. LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. 4. CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION. 5. LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR. 6. CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE FERMOR AVE EASTBOUND CONTROL LINE OR AS DIRECTED BY CONTRACT ADMINISTRATOR. ADJUST EXISTING CATCH BASINS AND MANHOLES AND ISOLATE AS PER SD-220A. PROTECT EXISTING LEGAL PINS IN NEW 236 PAVEMENT UTILIZING A WATER VALVE INSERT. GRIND OFF SYMBOL ON COVER. CONCRETE PAVEMENT IN MINOR STREET WEST BOUND CONTROL LINE APPROACHES, PRIVATE APPROACHES AND EAST BOUND CONTROL LINE -MEDIAN OPENINGS SHALL BE HAND PLACED WITH INTEGRAL CURB CONSTRUCTION (SD-203A OR SD-203B AS SPECIFIED). MAIN LINE CONCRETE PAVEMENT SHALL BE SLIP FORMED UNLESS - STA 5+289.26 OTHERWISE REQUIRED DUE TO TRAFFIC STAGING OFFSET -4.206 RESTRICTIONS. 10. INSTALL 150 mm SUB DRAIN IN BOTH DIRECTIONS OF CATCH BASINS WHERE INDICATED, ALONG NEW SOUTH DITCH-PAVEMENT EDGE AS PER SD-245 AND CAP ENDS. 230 11. SEE STAGING DRAWINGS FOR REMOVAL AND 230 ADJUSTMENT PHASING OUTFALL INV 229.879— 229 300 E INV 230.120 228 228 300 S INV 230.421 300 N INV 230.428 EXISTING SOUTH DITCH-227 227 226 226 225 225 224 224 223 223 5+250 5+275 5+300 5+325 5+350 5+375 5+400 5+425 5+450 5+475 5+500 5+525 5+550 5+5755+580 300 S INV 229.820 RIM EL 232.54 250 E INV 231.510 300 S INV 230.890 2.5 OF 300 PVC LDS @ 21.04% -RIM EL 232.53 WEST BOUND CONTROL LINE 250 W INV 231.530 -RIM EL 232.40 250 SE INV 231.370 TIE INTO EXISTING - EAST BOUND CONTROL LINE ___ 375 LDS INV 229.30 -RIM EL 232.39 250 NW INV 231.390 -3.1 OF 300 PVC LDS @ 15.14% **METRIC** \$ 175 TO SUB-DRAINS — WHOLE NUMBERS INDICATE MILLIMETRES ✓CP 34 **DECIMALIZED NUMBERS INDICATE METRES** SUB-DRAINS 45.9 OF 300 PVC LDS @ 1.37% WARNING - REMOVE EXISTING CULVERT IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE FERMOR AVE CONTRACTOR MUST: 1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION. FERMOR AVE 2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS. 3. OBTAIN EXCAVATION PERMITS PRIOR TO GROUTED STONE 5 CONSTRUCTION. RIP RAP END **APEGIN** Certificate of Authorization **Dillon Consulting Limited (MB)** No. 1789 Date: 18/02/01 1:500 150 WM 150 WM WATERMAIN CONCRETE WATERMAIN DESIGNED B.M. ELEV. ENGINEER'S SEAL WPN THE CITY OF WINNIPEG LAND DRAINAGE SEWER 300 LDS HYDRANT **ASPHALT** - JNDERGROUND STRUCTURES 8 WASTE WATER SEWER 250 WWS PUBLIC WORKS DEPARTMENT VALVE PLANING DRAWN Winnipeg GLG HYDRANT MANHOLE SIDEWALK \circ <u>__t</u> SUPV. U/G STRUCTURES DATE VALVE CATCH BASIN PAVING STONES CHECKED

0 ISSUED FOR TENDER

IO. REVISIONS

PROFILE

NORTH/WEST GUTTER

SOUTH/EAST GUTTER

NORTH/WEST DITCH

SOUTH/EAST DITCH

LEGEND-PROFILE

PROPOSE

CURB INLET

LAND DRAINAGE SEWER

WASTE WATER SEWER

HYDRO

M.T.S.

GAS

LEGEND-PLAN

300 LDS

250 WWS

100 GAS

EXISTING

 \blacksquare

300 LDS

250 WWS HYDRO

100 GAS

PROPOSED EXISTING

PARTIAL DEPTH REPAIR

PROPERTY LINE

DRAINAGE ARROW

CURB RAMP (SD-229C)

DETECTABLE WARNING

SURFACE TILE (SD-229AA)

LEGEND-PLAN

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PROPOSED EXISTING

WPN

1:500

1:50

APPROVED

HOR. SCALE

VERTICAL

18/02/09 WPN

DATE

DILLON

CONSULTING

RELEASED FOR

CONSTRUCTION

NAIRN

CONSULTANT PROJECT NUMBER

17-5932

CITY DRAWING NUMBER

006

P-3489-2017-CU-006

CONSULTANT DRAWING NUMBER

CU-006

11

FERMOR AVENUE BRIDGE OVER SEINE RIVER

BRIDGE REHABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE

AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET

FERMOR AVENUE - STA. 5+250

TO STA. 5+615.5 (PLAN-PROFILE)