NOTES: 233.0 233.0 1. CONTRACTOR TO TAKE ALL PRECAUTIONARY MEASURES TO ENSURE THE APPROXIMATE EXISTING GROUND SURFACE~ EXISTING BUILDING WASTEWATER SEWER SERVICE REMAINS OPERATIONAL 232.5 232.5 DURING CONSTRUCTION. 2. LOCATION OF ALL EXISTING SERVICES INDICATED ARE BASED ON THE BEST 232.0 232.0 AVAILABLE INFORMATION. ALL SERVICES MAY NOT BE SHOWN AND ACCURACY IS NOT GUARANTEED. 3. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL UTILITIES IN THE FIELD PRIOR TO 231.5 231.5 CONSTRUCTION TO CONFIRM ELEVATIONS. 4. INSTALL WWS BY TRENCHLESS METHODS ACROSS PEMBINA HIGHWAY. 231.0 231.0 5. TRENCHES AND EXCAVATIONS WITHIN 1.0 m OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL. 230.5 230.5 PROPOSED 1200Ø 6. ALL WORK AND MATERIALS SHALL CONFORM TO THE LATEST REVISION OF THE WWS MANHOLE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS UNLESS INDICATED OTHERWISE. 230.0 230.0 7. WHERE CROSSING AN EXISTING WATERMAIN, THE WWS MAIN SHALL BE INSTALLED EX WM 250 PV TO MAINTAIN A MINIMUM 0.5m VERTICAL CLEARANCE BETWEEN THE PIPES IF 229.5 229.5  $INV = \pm 229.73$ INSTALLED BELOW OR 1.0m VERTICAL CLEARANCE BETWEEN THE PIPES IF INSTALLED ABOVE THE WATERMAIN. WHERE CROSSING AN EXISTING LAND DRAINAGE SEWER, THE MAIN SHALL BE INSTALLED TO MAINTAIN A MINIMUM 0.5m 229.0 229.0 VERTICAL CLEARANCE BETWEEN THE PIPES. PR WWS 150 PVC L=32.7m S=1.5% 8. PROPOSED MANHOLE TO BE 1200Ø PRECAST CONC. PER SD-012 C/W STD INV.228.67 228.5 228.5 MANHOLE FRAME AND SOLID COVER. PR WWS 150 PVC L=39.2m S=3.1%\_\_\_\_\_\_ INV.228.19 228.0 228.0 227.5 227.5 227.0 227.0 226.5 226.5 226.0 RIM=232.119 CORE INTO EX MANHOLE FOR PR WWS 150 W.INV.=228.677 SERVICE CONNECTION. INV.=228.677.-S.INV.=228.687 PLUG EX DOWNSTREAM WWS AT MANHOLE ADJUST BENCHING ACCORDINGLY OSW.INV.=231.7 EXACT LOCATION UNKNOWN AND TO BE DETERMINED IN THE FIELD. EX WWS FROM BUILDING TO BE MAINTAINED. PEMBINA -EXACT LOCATION UNKNOWN AND TO BE DETERMINED IN THE FIELD. HIGHWAY PLUG AND ABANDON EX WWS SERVICE BENEATH PAVEMENT \_PER SD-021 & CW2130. EXACT LOCATION UNKNOWN AND TO BE DETERMINED IN THE FIELD. CAUTION: MTS & HYDRO W.INV.=230.647 CAUTION: WM-S.INV.=230.685 CAUTION: PR. WWS MH DALHOUSIE DRIVE MTS & HYDRO RIM=232.12 CAUTION: HYDRO \_E.INV=228.19 W.INV=228.16 CAUTION: HYDRO RIM = 232.2CAUTION: S.INV.=226.63 MTS & HYDRO N.INV.=226.63 CAUTION: GAS 4.71 CONNECT TO EX 600 CONC WWS USING— CAUTION: LDS 19.15 APPROVED SADDLE THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT **DILLON**CONSULTING 880 DALHOUSIE DRIVE S.D. GOLDSTINE FIRE STATION 23 APPROVED BY: ENGINEERS GEOSCIENTISTS SCALE: H 1:200 V 1:40 RELEASED FOR CONSTRUCTION MANITOBA PROPOSED WWS SERVICE PLAN & PROFILE Certificate of Authorization Dillon Consulting Limited (MB) 2023/07/04 BS SG CONSULTANT NO.: 22-3229 SHEET REV. SIZE 001 00 A1 CITY DRAWING NUMBER 0 ISSUED FOR TENDER No. 1789 Date: 2023/07/04 DRAWING NUMBER REFERENCE DRAWINGS NO. REVISIONS