



- CONSTRUCTION NOTES:**
- ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
 - ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
 - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
 - LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - INSTALL CB LEADS AT MIN. 1.0% SLOPE OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 - CONTRACTOR TO CONFIRM EXISTING LEAD INVERT ELEVATIONS PRIOR TO INSTALLATION.
 - ALL DIMENSIONS ARE TO BACK OF CURB.
 - LIMITS OF CURB AND SIDEWALK RECONSTRUCTION TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - ADJUST ALL WATER VALVES, MANHOLES, CATCH BASINS, CATCH PITS AND WATER SHUT OFF VALVES TO GRADE.
 - ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
 - STREET LIGHT STANDARDS, HYDRO POLES AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, ARE TO BE DONE AT THE EXPENSE OF THE CONTRACTOR, AS NECESSARY.
 - INSTALL 6 m OF 150 mm SUBDRAIN TO CATCH BASINS IN BOTH DIRECTIONS PARALLEL TO ROADWAY AS PER SD-245 AND CAP ENDS.
 - ALL SERVICES NEED TO BE INSULATED. ADDITIONALLY, ALL CATCH BASINS, MANHOLES AND LEAD PIPES LOCATED WITHIN 2.0 m OF A RESIDENTIAL SERVICE MUST BE INSULATED TO PROTECT THE SERVICE FROM POTENTIAL FUTURE FREEZING.

- SYMBOLS LEGEND**
- REMOVALS / RELOCATES (Red pentagon)
- REMOVALS / RELOCATES (BY OTHERS) (Blue pentagon)
- ADJUSTMENTS (Green circle)
- ADJUSTMENTS (BY OTHERS) (Orange circle)
- ABANDON (Purple square)
- ABBREVIATIONS:**
- CONC CONCRETE
 ASP ASPHALT
 TYP TYPICAL
 EX EXISTING
 MH MANHOLE
 WV WATER VALVE
 EL ELEVATION
 CB CATCH BASIN
 CP CATCH PIT
 CI CURB INLET
 CL CONTROL LINE
- SYMBOLS:**
- Hydro Manhole, Telephone Manhole, Traffic Signal Splice Pit, Water Valve, Hydrant, Gas Valve, Hydro Pole, Hydro Pole with Light, Light Standard, Traffic Signal, Signal Control Box, Bellmts Pedestal, Tree, Iron Property Bar, Hydro Guy Anchor

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

- WARNING**
- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 - TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
 - OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

**PRELIMINARY ONLY
 NOT FOR CONSTRUCTION**

**ES ENGINEERS
 GEOSCIENTISTS
 MANITOBA**

Certificate of Authorization
Dillon Consulting Limited (MB)
 No. 1789 Date: 2022/03/09

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150 WM	WATERMAIN	150 WWS	CONCRETE ROAD	C PROFILE	UNDERGROUND STRUCTURES	B.M. ELEV.
300 LDS	LAND DRAINAGE SEWER	300 LDS	ASPHALT ROAD	NORTH/WEST GUTTER	SUPV. U/G STRUCTURES	DATE
250 WWS	WASTE WATER SEWER	250 WWS	CONC ROAD W/ASP OVERLAY	SOUTH/EAST GUTTER	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.	DESIGNED BY
HYDRO	HYDRO	BELLMTS	CONCRETE SIDEWALK	NORTH/WEST MED. GUTTER		TJH/MRD
BELLMTS	BELLMTS	100 GAS	ASPHALT PATH	SOUTH/EAST MED. GUTTER		DRAWN BY
100 GAS	GAS	T.S.	PAVING STONES	NORTH/WEST DITCH		TJH
T.S.	TRAFFIC SIGNALS	S.L.	PAVEMENT REPAIR FABRIC	SOUTH/EAST DITCH		CHECKED BY
S.L.	STREET LIGHTS		ELEVATION (232.000)	NORTH/WEST SIDEWALK		TS
	MANHOLE		PROPERTY LINE	SOUTH/EAST SIDEWALK		APPROVED BY
	CATCH BASIN		CURB RAMP			TJP
	CATCH PIT		DETECTABLE TILE			HOR. SCALE
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	1:250
						VERTICAL
						1:10
						RELEASED FOR CONSTRUCTION
						DATE

DESIGNED BY	TJH/MRD
DRAWN BY	TJH
CHECKED BY	TS
APPROVED BY	TJP
HOR. SCALE	1:250
VERTICAL	1:10
ISSUED FOR TENDER	22/03/09
DATE	TJP
NO. REVISIONS	DATE

DILLON CONSULTING

RELEASED FOR CONSTRUCTION

DATE

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT

2021 REGIONAL STREET PROGRAM
 NAIRN AVENUE RECONSTRUCTION AND
 WATERMAIN RENEWAL

CITY DRAWING NUMBER
 P-3556-08

SHEET
 08 OF 21

CONSULTANT PROJECT NUMBER
 21-2462

STADACONA ST - PLAN-PROFILE
 (NORTHBOUND)

CONSULTANT DRAWING NUMBER