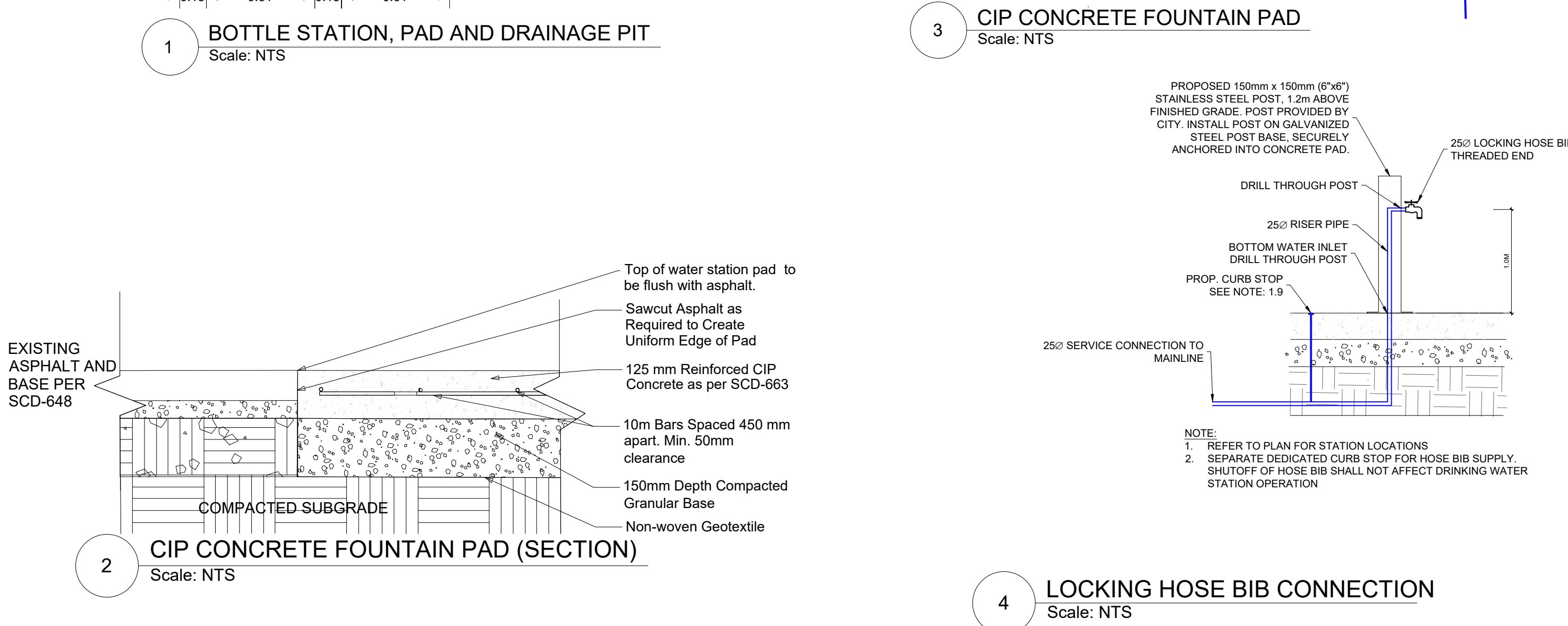
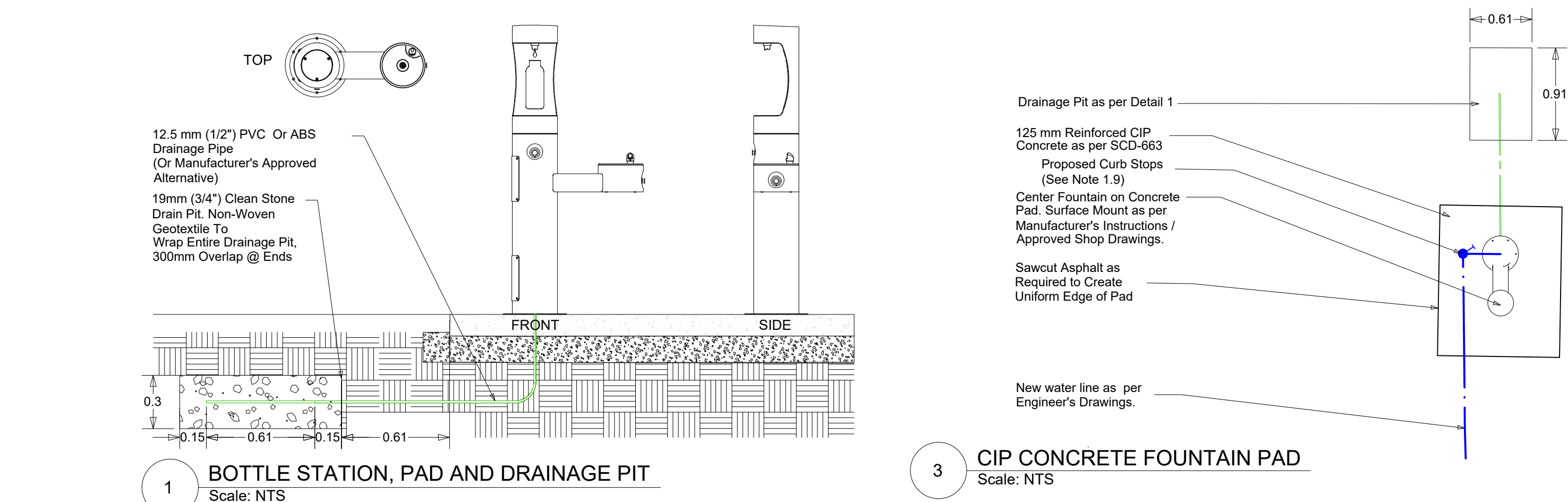




- ## 1. CONSTRUCTION SPECIFICATIONS

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF WINNEPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. ALL MATERIALS USED FOR CONSTRUCTION MUST CONFORM TO CITY OF WINNEPEG APPROVED SPECIFICATIONS FOR UNDERGROUND INSTALLATIONS. WINNEPEG AND APPROVED PRODUCTS FOR SURFACE WORKS, EXCEPT AS INDICATED OTHERWISE.
3. ALL WATER SERVICES TO HAVE A MINIMUM OF 0.9M COVER AND TO BE INSTALLED USING 150MM DIA. 1200MM DEPTH CONCRETE RINGS.
4. MINIMUM 12" W/ TRENCHLESS WATERMAIN INSTALLATION IS REQUIRED ADJACENT TO EXISTING TREES.
5. CONNECT 100MM WATERMAIN WITH DIRECT TAP. INSTALL DOUBLE CHECK VALVE ASSEMBLY, AND 100MM WATER METER AS PER CITY OF WINNEPEG SP-241 FOR PRIVATE SEASONAL WATER SERVICE.
6. ALL TRENCH BACKFILL FOR WATER, SEWER, AND PV CONDUIT INSTALLATIONS SHALL BE CLASS B SAND BEDDING WITH CLASS 2 BACKFILL WITHIN 1.0M OR HIGHER AND/OR PROPOSED DRAINAGE AREAS, AND CLASS 1 BACKFILL IN UNPAVED AREAS.
7. CONCRETE PAD TO MATCH EXISTING GRADES.
8. TOP OF WATER STATION PAD TO BE FLUSH WITH ASPHALT.
9. TOP OF CURB STOP CASING TO BE 150MM BELOW SIDEWALK OR LOWER BOTTLE FILLING STATION (MODEL #420BF(U)RK), MURDOCK OUTDOOR UPPER BOTTLE FILLING STATION (MODEL #GY77-MO), OR GLOBAL INDUSTRIAL OUTDOOR DRINKING FOUNTAIN (PRODUCT W676216), COLOUR: BLUE.
10. TOP OF CURB STOP CASING TO BE SET PERFECTLY FLUSH WITH ADJACENT CONCRETE PAD TO ENSURE A CONTINUOUS ACCESSIBLE ROUTE AND PREVENT TRIP HAZARDS.
11. HOSE BIB SHALL BE LOCKABLE TYPE WITH KEYPAD OR REMOVABLE HANDLE, CONTROLLED ACCESS REQUIRED AT THIS LOCATION.
12. TOP OF CURB STOP IS INDEPENDENT OF DRINKING WATER STATION SUPPLY. SHUTOFF OF HOSE BIB SHALL NOT AFFECT OPERATION OF BOTTLE FILLING STATION.

3. CB ADJUSTMENT NOTE

- 3.1. EXISTING CB RISE ELEVATION 231.462 TO BE RAISED TO 231.775 (+313mm) TO MAINTAIN 2% MIN. POSITIVE DRAINAGE SLOPE FROM CURBVERT INTO ROAD (+31.928 - 770mm UPSTREAM); PER SD-025, THIS IS AN ADJUSTMENT OF THE RAMP GRATE AND FRAME TO PROVIDE A MINIMUM 2% POSITIVE ADJUSTMENT RINGS BETWEEN REDUCER AND FRAME FOR FINE ADJUSTMENT TO FINAL RISE ELEVATION; MAX 2 RINGS PER SD-025
- 3.2. EXISTING CONDITION: 1.5' MIN. DISTANCE FROM TOP OF GRATE (EL. 231.462) TO FIRST LEADER RISE (EL. 230.678) IS 783mm, EXCEEDING THE 600mm MAX PER SD-025. THIS IS A PRE-EXISTING NON-COMFORMANCE, NOT CREATED BY THIS ADJUSTMENT.
- 3.3. EXISTING LEADER RISES ARE IN COMPLIANT WITH SECTION 10.0 TO THE 300mm FIRST SECTION AT EL. 231.377 (398mm BELOW PROPOSED RISE, 398mm ABOVE EXISTING FIRST RUNG). THERE IS NO COMPLIANT RUNG SPACING ON BOTH SEGMENTS (398mm EL. > 600mm MAX. ALLOWED) TO CORRECT TO COMPLY WITH SECTION 10.0. REPAIR OR REPLACE EXISTING LEADERS TO MEET SECTION 10.0.

- ## 2. GENERAL NOTES

- 2.1. THESE DRAWINGS ARE PART OF A DEVELOPMENT PERMIT SUBMISSION PACKAGE AND ARE NOT FOR CONSTRUCTION UNLESS THE CITY OF WINNIPEG'S "RELEASED FOR CONSTRUCTION" STAMP HAS BEEN APPLIED ON THIS PLAN, SIGNED, AND DATED, AND THE DEVELOPMENT PERMIT HAS BEEN ISSUED. AS SUCH, ANY AND ALL INFORMATION CONTAINED HEREON IS NOT TO BE USED IN ANY REVIEW PROCESS, ANY SEALS APPLIED HERETO ARE APPLIED ON THIS BASIS, AND SUBJECT TO ONGOING DESIGN DEVELOPMENT WHICH MAY INCLUDE ITEMS RELATED TO PROPERTY, CENSUSING, AND CONDITIONS NOT YET KNOWN TO THE DESIGN ENGINEER.
- 2.2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL BURIED UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 2.3. EXISTING UTILITY INFORMATION PROVIDED BY CITY OF WINNIPEG, LOCATIONS SHOWN ARE NOT TO BE CONFIRMED BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY (FOR INSTANCE, CHECK WWS MANHOLE, WATER VALVE, AND LDS MANHOLE/CB FOR PIPE LOCATION REFERENCE), CONTRACTOR TO OBTAIN CLEARANCES FROM ALL UTILITIES BEFORE EXCAVATING. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT AFFECT INSTALLATION OR DESIGN.
- 2.4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL NECESSARY FEES, AND GIVE ALL NECESSARY NOTICES.
- 2.5. CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE PROJECT BOUNDARY AS OUTLINED IN THE ERRORS & OMISSIONS.
- 2.6. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING ASPHALT, SIDEWALKS, FENCING, LANDSCAPING, AND ALL OTHER ADJACENT FEATURES DURING CONSTRUCTION. ANY INFRASTRUCTURE OR SITE AREA DAMAGED OR DISTURBED SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER, IMMEDIATELY FOLLOWING CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER.
- 2.7. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION LAYOUT THROUGHOUT THE PROJECT. WATER SERVICES, WATER STATION, AND CONCRETE PAD LAYOUT TO BE APPROVED PRIOR TO CONSTRUCTION.
- 2.8. THE CONTRACTOR SHALL MAINTAIN ONE SET OF PLANS ON SITE IN WHICH THE CONTRACTOR SHALL CLEARLY NOTE ALL AS-BUILT INFORMATION AS THE PROJECT PROGRESSES.
- 2.9. THE CONTRACTOR SHALL SUBMIT ALL CONSTRUCTION DRAWINGS FOR REVIEW TO THE CONTRACT ADMINISTRATOR THAT SHOW THE MATERIALS, TO BE USED AND THE INTENT OF THE INSTALLATION OF THE DRINKING WATER STATION, WATER SUPPLY AND DRAINAGE LINES.
- 2.11. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR REVIEW TO THE CONTRACT ADMINISTRATOR THAT SHOW THE MATERIALS, TO BE USED AND THE INTENT OF THE INSTALLATION OF THE DRINKING WATER STATION, WATER SUPPLY AND DRAINAGE LINES.
- 2.12. TRAP CLEAN-OUTS SHALL BE PROVIDED FOR ALL SERVICES TO EXISTING SERVICES. 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 AND TAKE THE NECESSARY STEPS TO PROTECT THE GAS MAINS.
- 2.13. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS, CONFIRM ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
- 2.15. THE CONTRACTOR SHALL PREPARE A LEGAL PLAN, REFER TO LEGAL PLAN & SURVEYOR'S DRAWINGS FOR ALL SITE AND PROPERTY DIMENSIONS. WHERE LEGAL INFORMATION IS SHOWN ON THIS PLAN, IT IS FOR REFERENCE ONLY.
- 2.16. THE SCALE FOR THIS DRAWING, ANY ERRORS & OMISSIONS ARE TO BE REPORTED TO SANDBOX WITHOUT DELAY.

This is not a legal plan.
Contours shown are approximated for reference only.
Do not scale.
Whole numbers are millimetres (mm).
Decimal numbers are metres (m).
Convert Metric to Standard 1.0m = 3.2808ft
This plan is prepared only for the Client and may not
be used by any other party without written consent.

EXISTING		PROPOSED	EXISTING		PROPOSED	EXISTING		PROPOSED
1.98	SLOPE DIRECTION	2.98		HYDRANT		CONTOUR		
(394.98)	SURFACE ELEV.	(239.45)		CURB STOP		PONDING AREA		
150 WM	WATERMAIN	150 WM		VALVE		HYD/OH	HYDRO - OH	HYD/OH
250 WWS	WASTEWATER SEWER	250 WWS		WWS MANHOLE		HYD/UG	HYDRO - UG	HYD/UG
300 LDS	LAND DRAINAGE SEWER	300 LDS		LDS CATCHBASIN		GAS	GAS	GAS
---	DEVELOPMENT BOUNDARY	---		LDS MANHOLE		COMM	COMMUNICATIONS	COMM
---	EASEMENT BOUNDARY	---		LDS CURB INLET		FOC	FIBRE OPTIC CABLE	FOC
---	PROPERTY LINE	---				TOPO SURVEY POINT		

3	ISSUED FOR CONSTRUCTION	2026-07-23	GS		
2	SUBMITTED FOR APPROVAL	2026-07-22	GS		
1	SUBMITTED FOR APPROVAL	2026-06-22	GS		
NO.	REVISIONS	YYYY.MM.DD.	BY		

DESIGNED	GS
DRAWN	GS
CHECKED	KP
APPROVED	DH

**ENGINEERS
GEOSCIENTISTS
MANITOBA**
Certificate of Authorization
10133373 Manitoba Inc.
o/a Sandbox Design & Consulting
No. 8089



PROJECT TITLE:	OLD EX REDEVELOPMENT - SEASONAL WATER SERVICE [CITY OF WPG]		
SHEET TITLE:	DETAILS		
CLIENT	CITY OF WINNIPEG - PARKS AND OPEN SPACE DIVISION		
CONTACT	JORI PINCOCK, PROJECT COORDINATOR		
CIVIC ADDRESS:	90 SINCLAIR STREET, WINNIPEG, MB.		
PROJECT CODE 26060			
SHEET NO. C2.0			