

### BILL AND HELEN NORRIE LIBRARY FFE = 233.30

- SECTION VIEW A-A SEE PLAN C04
- INSTALL 250 PVC LDS 18.00m @ 2.00%
- INSTALL 150 PERFORATED HDPE DRAINAGE PIPE PER SD-245 13.30m @ 0.50%
- DECK CLEANOUT SEE PLAN C04
- INSTALL 200mm DOWNSPOUT ADAPTER C/W 200mm NON-PERFORATED DRAIN PIPE CONNECTED TO CB 01 GROUT CB CONNECTION TO MAKE WATER TIGHT
- CB 01 - 900Ø RIM: 232.60 DS INV: 231.90 250 INV: 231.26 SUMP: 230.66
- INSTALL 200mm DOWNSPOUT ADAPTER C/W 200mm NON-PERFORATED DRAIN PIPE CONNECTED TO CB 02 GROUT CB CONNECTION TO MAKE WATER TIGHT
- CB 02 - 900Ø RIM: 232.60 DS INV: 231.90 150 INV: 231.60 250 INV: 231.19 SUMP: 230.59

EXISTING	LEGEND-PLAN	PROPOSED
300 LDS	LAND DRAINAGE SEWER	300 LDS
300 DRAIN PIPE	WEeping TILE	300 DRAIN PIPE
250 WWS	WASTE WATER SEWER	250 WWS
150 WM	WATER MAIN	150 WM
	HYDRO	
	TELEPHONE	
	GAS	
⊕	HYDRANT	⊕
⊙	VALVE	⊙
○	MAINTENANCE HOLE	○
□	CATCH BASIN	□
△	CURB INLET	△
●	STRUCTURAL PILE	●
•	POLES	•
—	GUY WIRE	—
—	FENCE	—
—	LIGHT STANDARD	—
—	OF ROAD	—
—	EDGE OF ROAD	—
—	CONCRETE	—
—	GRAVEL	—
—	ASPHALT	—
—	CULVERT	—
—	SWALE BOTTOM	—
—	PROPERTY LINE	—
⊗	TREE	⊗
⊕	SURVEY BAR	⊕
⊕	GEODETIC BENCHMARK	⊕
—	TEST HOLE	—
231.334	ELEVATION	(232.281)

- NOTES:**
- COMPLETE ALL MUNICIPAL WORK IN ACCORDANCE WITH LATEST EDITION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS UNLESS OTHERWISE NOTED.
  - ALL DESIGN ELEVATIONS SHOWN ARE FINAL FINISH ELEVATIONS.
  - ALL MATERIAL TESTING TO BE COMPLETED IN ACCORDANCE WITH CITY OF WINNIPEG REQUIREMENTS. MATERIAL TESTING TO INCLUDE DENSITY TESTING OF GRANULAR MATERIAL AND CONCRETE TESTING IF APPLICABLE.
  - CONTRACTOR TO PROTECT EXISTING TREES WITHIN LIMITS OF CONSTRUCTION.
  - CONTRACTOR SHALL RESTORE ALL SURFACES DISTURBED BY CONSTRUCTION TO EQUAL OR BETTER CONDITION THAN PRIOR TO WORK.
  - PATIO RECONSTRUCTION:
    - SALVAGE AND CLEAN EXISTING UNIT PAVERS FOR RE-INSTALLATION
    - REMOVE AND DISPOSE OF EXISTING BASE COURSE
    - EXCAVATE EXISTING SUBGRADE TO REMOVE ORGANIC LAYER AT APPROX ELEV 232.43
    - REPLACE AND RE-COMPACT SUB-GRADE TO DESIGN GRADES USING APPROVED INSITU MATERIAL AND SUPPLEMENTING WITH APPROVED IMPORTED MATERIAL AS REQUIRED
    - SUPPLY AND PLACE NON-WOVEN GEOTEXTILE
    - SUPPLY AND PLACE 200mm THICK GRANULAR B BASE COURSE
    - RE-INSTALL SALVAGED UNIT PAVERS C/W 25mm THICK COMPACTED BEDDING SAND
    - REFER TO DETAILS ON DWG C03 FOR FURTHER INFORMATION
  - CATCH BASIN FRAME AND COVERS TO BE GRATED TITAN TF-105 OR APPROVED EQUAL.
  - CONTRACTOR TO SUBMIT PRODUCT SHOP DRAWINGS FOR APPROVAL FROM THE CONTRACT ADMINISTRATOR PRIOR TO WORK.
  - LOCATIONS 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, EXACT LOCATION AND DEPTH OF ALL SERVICES MUST BE OBTAINED FROM INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.
  - LOCATIONS OF PROPERTY LIMITS AND EXISTING AND/OR PROPOSED FEATURES RELATIVE TO THESE LIMITS AS SHOWN DO NOT REPRESENT A LEGAL SURVEY. KGS GROUP MAKES NO REPRESENTATION OR GUARANTEE THAT THE PROPERTY LIMIT INFORMATION SHOWN IS ACCURATE, AND ACCEPTS NO RESPONSIBILITY FOR ANY DAMAGES SUFFERED BY ANY THIRD PARTY AS A RESULT OF DECISIONS OR ACTIONS BASED ON THIS DRAWING.
  - ALL SURFACES AND ANY EXISTING UTILITIES DAMAGED OR DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER, OR REPLACED, AT THE CONTRACTORS EXPENSE.

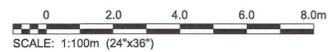
**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**PROPERTY LIMITS DELINEATION**  
DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

**UNDERGROUND STRUCTURES**  
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.



**ISSUED FOR CONSTRUCTION**



NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	26/02/12	GTH

DESIGNED BY	CHECKED BY
GTH	MAT
DRAWN BY	APPROVED BY
JTW	MAT
SCALE:	RELEASED FOR CONSTRUCTION:
AS NOTED	
DATE	DATE
25/06/02	

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
**HEINRICHS**  
Member  
28192  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT DRAWING NO.  
25-0107-007-C02.1

THE CITY OF WINNIPEG  
ASSETS AND PROJECT MANAGEMENT  
Winnipeg  
PROJECT TITLE  
BHN LIBRARY DECK AND PATIO  
REMEDICATION  
MUNICIPAL  
SERVICING AND GRADING PLAN  
SHEET 2 OF 6  
COMPUTER FILE NAME  
25-0107-007\_CALL.DWG  
CITY DRAWING NUMBER  
N/A

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