



**CONSTRUCTION KEYNOTES:**

- ① NEW 4" DIA. PERFORATED WEEP TILE AROUND PERIMETER.
- ② NEW 4" DIA. SOLID WEEP TILE. CONNECT TO SUMP PIT.
- ③ 4" DIA. PERFORATED WEEP TILE UNDER SLAB. CONNECT TO SUMP PIT.
- ④ ONCE EXISTING CONCRETE SLAB IS REMOVED, CALL FOR AN ENGINEER INSPECTION. PROVIDE \$3000.00 CASH ALLOWANCE FOR ANY REQUIRED ANGLE SUPPORTS.

**A BASEMENT FLOOR SLAB & PILING**  
1/4" = 1' - 0"

- P1 = EXISTING DRIVEN PILE.
- P2 = NEW 16" DIA., 15' LONG CAST IN PLACE CONCRETE PILE, CAPACITY (ULS) = 25 kip. R/W 5 - 15M VERT. x 15' LONG, 10M RINGS @ 48" O/C.
- P3 = NEW 18" DIA. x 15' LONG CAST IN PLACE CONCRETE PILE, CAPACITY (ULS) = 29 kip. R/W 5 - 15M VERT. x 15' LONG, 10M RINGS @ 48" O/C.
- PILE DESIGN PER: DYREGROV AND ROBINSON REPORT JUNE 14 2013.
- SLS - ADHESION = 395 psf
- ULS - ADHESION = 500 psf
- ULTIMATE STATE LOADING SHOWN ON DRAWING
- DESIGN LIVE LOAD = 100 psf
- PARTITION LOAD = 20 psf

7				
6				
5	ISSUED FOR ADDENDUM	VCV	KRD	JAN 23 2014
4	RE-ISSUED FOR TENDER	VCV	KRD	JAN 09 2014
3	ISSUED WITH ADDENDUM	VCV	KRD	JUL 02 2013
2	ISSUED FOR TENDER	VCV	KRD	JUN 18 2013
1	ISSUED FOR 100% CLIENT REVIEW	VCV	KRD	MAY 16 2013
0	ISSUED FOR CLIENT REVIEW	VCV	KRD	APR 26 2013
REV	DESCRIPTION	DWN	APP	REV DATE

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ENG SEAL	ARCH SEAL

PROJECT			
<b>CITY OF WINNIPEG</b>			
<b>SIR JOHN FRANKLIN CC BASEMENT STRUCTURAL REPAIRS</b>			
SHEET TITLE			
<b>BASEMENT FLOOR SLAB &amp; PILING</b>			
BID OPPORTUNITY No. 32-2014			
DRAWN BY	CHECKED BY	DATE	SHEET NO.
VCV	DBR	JAN 23 2014	<b>S100</b>
DESIGNED BY	CHECKED BY	SCALE	REVISION NO.
KRD	KRD	AS NOTED	5