

BEARING BLOCKING CONSTRUCTION PROCEDURE NOTES:

- 1. REFER TO SHEET 12 FOR CONCRETE FOOTING SUPPORT REPAIR DETAILS AND CONSTRUCTION PROCEDURES.
- 2. ONCE CONCRETE HAS CURED FOR A MINIMUM OF SEVEN (7) DAYS, INSTALL BEARING PAD, NEW BEARING PLATE AND BLOCKING.

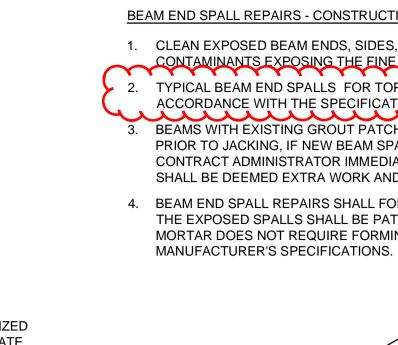
LOC'N	BOTTOM REPAIR	TOP REPAIR	ABOVE BEARING P-3 & P 6	LOC'N	BOTTOM REF	AIR TOP REPAIR	ABOVE BEARING P-3 & P 6	
B2	1			D5		1		
D2	1			F5			1	
F2			1					
G2	_	2		G6	3			
J2	-	-	1	H6	-	-	3	
K2	-	-	1	\sim	\sim			
					C7 7 -	-	1	
C3	-	-	1	X	E7 2 -	-	1	
F3	-	-	2	X	F7 5 -	-	1	
G3	2	1	- Ç	X	нт 🕻 -	-	1	
НЗ	-	1		X	L7 5 -	-	2	
L3	-	-	2	ii				
М3	-	-	1	C8	-	-	1	
				D8	-	-	3	
B4	-	-	2	G8	2	1	-	
C4	-	-	3	M8	-	-	2	
F4	-	-	3					
G4	4	-	-					
H4	-	-	2					
M4	-	-	1					

LOCATION APPI UNDERGROUND STRU N/A SUPV. U/G STRUCTURES COMMITTEE NOTE: LOCATION OF UNDERGROUND STRUC ARE BASED ON THE BEST INFORM BUT NO GUARANTEE IS GIVEN THA UTILITIES ARE SHOWN OR THA Certificate of Authorization Dillon Consulting Limited (MB) LOCATIONS ARE EXACT. CONFIRMAT AND EXACT LOCATION OF ALL S No. 1789 Date: 2015-11-20 OBTAINED FROM THE INDIVIDUAL PROCEEDING WITH CONS

SECTION

2

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES



- 450 x 450 x 25 THICK SHIM PLATES (GALV.) WITH ALIGNMENT PINS. **REFER TO DETAIL 3** FOR PIN LAYOUT - 25 x 300 x 10 THICK

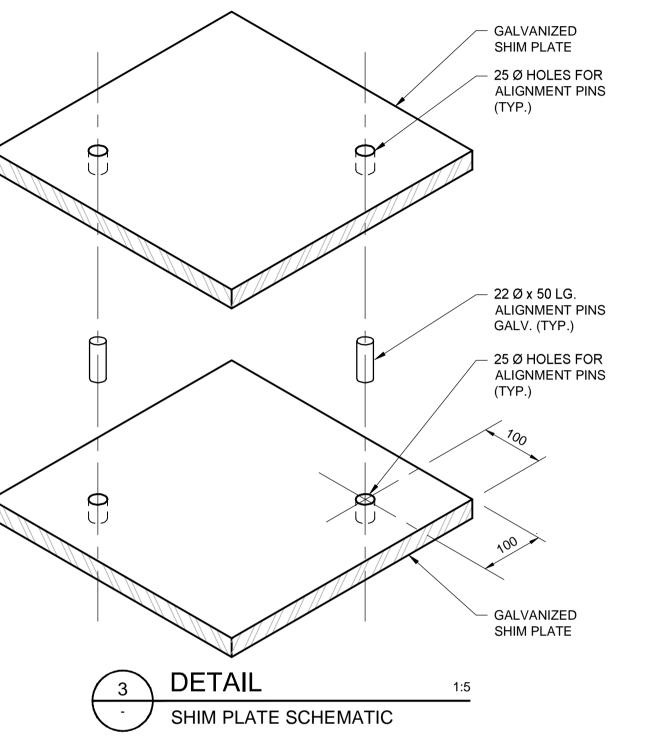
RETAINER PLATE (GALV.)

1:10

- REFER TO SHEET 28 FOR BEARING MK. P-1 DETAILS

450 x 450 x 25 THICK SHIM PLATES (GALV.) WITH ALIGNMENT PINS. **REFER TO DETAIL 3** FOR PIN LAYOUT - 25 x 300 x 10 THICK RETAINER PLATE (GALV.)

1:10



BILL OF BEAM SPALL	REPAIRS (QUANTITIES)
FOR STAGE 2, AREA B AND D	

	POTTOM DEDAID			
LOC'N	BOTTOM REPAIR	TOP REPAIR	ABOVE BEARING P-3 & P 6	LOC'N
C10	-	-	<u>(</u> 2	E15
D10	-	-	2	G15
E10	-	-	2	M15
G10	4	-	-	N15
J10	-	-	3	
				D16
C11	-	-	2	G16
D11	-	-	2	H16
G11	4	-	-	M16
L11	-	-	1	
				C17
E12	-	-	1	F17
L12	-	-	1	G17
				K17
F13	-	-	2	L17
G13	3	-	-	
L13	-	-	1	C18
M13	-	1	-	D18
				E18
				G18
				H18

PROVED	B.M. ELEV. CONSTRUCTION COMPLETION DATE:				CHECKED BY	DRA		ENGINEER'S SEAL	THE CITY C		
DATE					APPROVED BY	SSR			Winnipeg	WATER AND WAS ENGINEERIN	
TRUCTURES AS SHOWN ORMATION AVAILABLE I THAT ALL EXISTING THAT THE GIVEN MATION OF EXISTENCE L SERVICES MUST BE AL UTILITIES BEFORE NSTRUCTION.					DESIGNED BY	FAK	DILLON		WILKES RESERVOIR NORTH CELL CONCRETE REP		
					DRAWN BY	TLK	CONSULTING			TIONS AND DETAILS, SHI	
	3	ISSUED FOR ADDENDUM No.3	2015 12 15	SSR	SCALE:		1		C	CONSTRUCTION PROCEDUF	
	2	ISSUED FOR ADDENDUM No.2	2015 12 10	SSR	HORIZONTAL	AS NOTED	RELEASED FOR CONSTRUCTION	CONSULTANT DRAWING NUMBER	SHEET OF	CITY DRAWING NUMBER	
	1	ISSUED FOR TENDER	2015 11 20	SSR	VERTICAL			14-1411-S-105	13 47	1-0650R-	
	NO.	REVISIONS	DATE	BY	DATE	2015 11 20	DATE				
					PLOT DATE:	2015 11 18		BID OPPORTUNITY: 930–2015	FILE PATH: P:\20154593\00_K	emp_Wilkes\Working_Dwgs\300_Structural\	

BEAM END SPALL REPAIRS - CONSTRUCTION PROCEDURE NOTES: 1. CLEAN EXPOSED BEAM ENDS, SIDES, AND BOTTOMS BY SANDBLASTING TO REMOVE OLD COATINGS AND SURFACE 2. TYPICAL BEAM END SPALLS FOR TOP, BOTTOM CORNER AND ABOVE BEARING PLATE P-3 AND P-6 REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS. 3. BEAMS WITH EXISTING GROUT PATCHES OR CRACKS SHALL BE SOUNDED AND DETERIORATED MATERIAL REMOVED. PRIOR TO JACKING, IF NEW BEAM SPALLS OR FURTHER BEAM END DETERIORATION IS OBSERVED, INFORM THE CONTRACT ADMINISTRATOR IMMEDIATELY. ANY WORK DEEMED AN EXTRA BY THE CONTRACT ADMINISTRATOR SHALL BE DEEMED EXTRA WORK AND PAID FOR ON A UNIT BASIS IN ACCORDANCE WITH THE SPECIFICATIONS. 4. BEAM END SPALL REPAIRS SHALL FOLLOW THE INSTALLATION OF THE NEW BEARING PLATES AND BEARING PADS. THE EXPOSED SPALLS SHALL BE PATCHED WITH SPECIFIED VERTICAL NON-SAG REPAIR MORTAR. THIS REPAIR MORTAR DOES NOT REQUIRE FORMING AND SHALL BE MIXED, APPLIED AND CURED IN ACCORDANCE WITH THE BEAM END SPALL REPAIR BEAM END SPALL REPAIR AT BEARING P-3 AND P-6 DETAIL 4 TYPICAL AVERAGE ESTIMATED BEAM END SPALL REPAIRS $\overline{}$ BOTTOM REPAIR TOP REPAIR ABOVE BEARING P-3-& P-6 ······ 1 ---2 -1 -1 --2 --2 --1 --2 --2 --1 --2 --1 --1 --1 --1 --1 --2 --1 -- \mathbf{O} THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT Winnipèg ENGINEERING DIVISION WILKES RESERVOIR NORTH CELL REHABILITATION CONCRETE REPAIRS SECTIONS AND DETAILS, SHEET 2 OF 2 CONSTRUCTION PROCEDURE NOTES HEET OF CITY DRAWING NUMBER 1-0650R-S0005-002 13 47