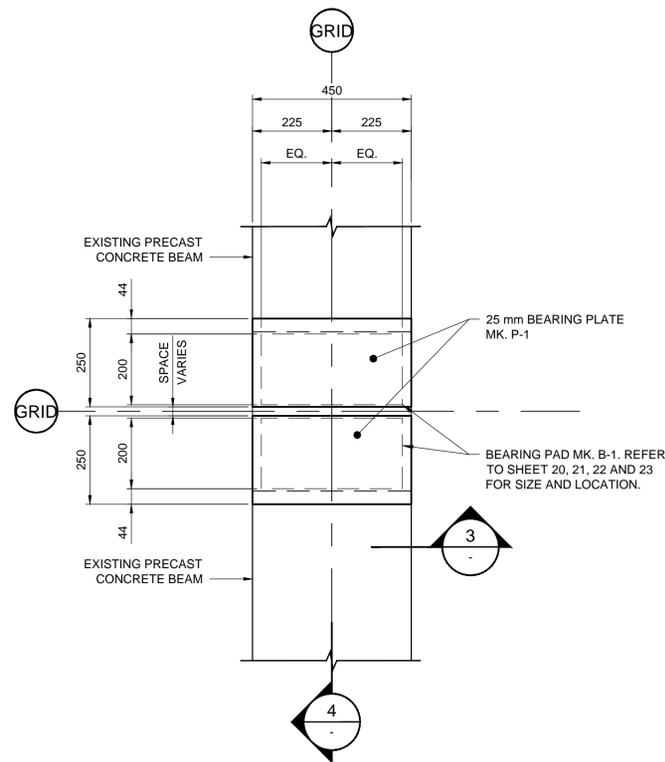
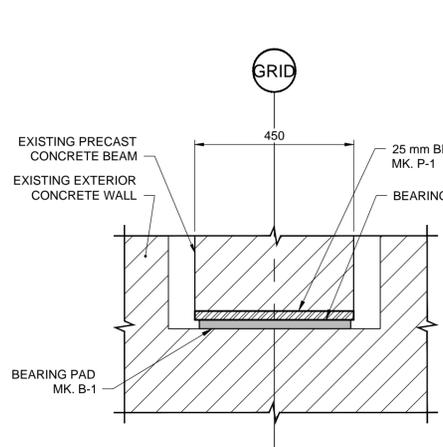


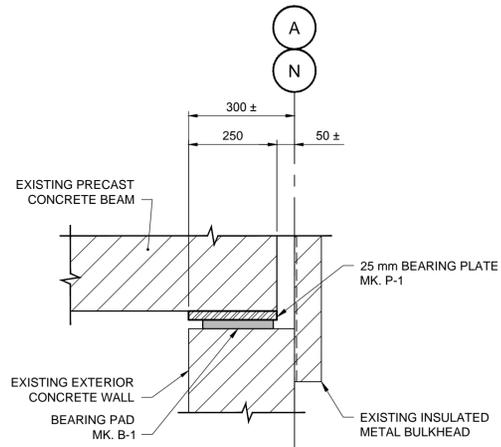
DETAIL
 BEARING PLATES AT EXTERIOR WALLS MARK P-1
 1:10



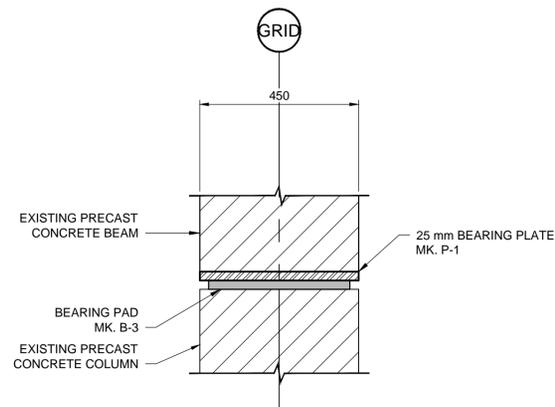
DETAIL
 BEARING PLATES AT INTERIOR COLUMNS MARK P-1
 1:10



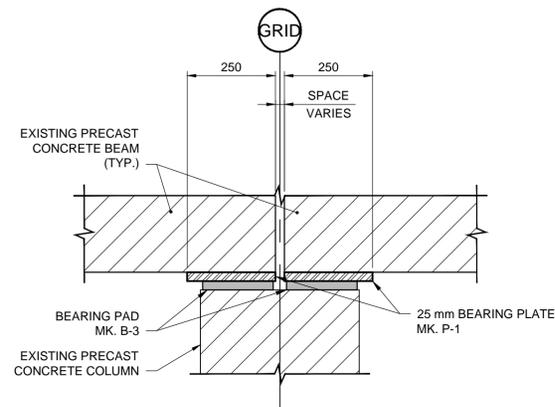
SECTION
 1:10



SECTION
 1:10



SECTION
 1:10



SECTION
 1:10

BEARING PLATE MARK P-1 INSTALLATION AND ASSEMBLY - CONSTRUCTION PROCEDURE NOTES:

- CLEAN EXPOSED BEAM ENDS, SIDES, AND BOTTOMS BY SANDBLASTING TO REMOVE OLD COATINGS AND SURFACE CONTAMINANTS EXPOSING THE FINE AGGREGATE TO SCP 5 - 7.
- JACK EXISTING BEAM SIMULTANEOUSLY 75 - 100 mm ABOVE COLUMN TOP. NO TWO ADJACENT COLUMNS ON THE SAME BEAM LINE SHALL BE JACKED AND SUSPENDED AT THE SAME TIME. JACKING FRAMES SAFE CAPACITY TO BE 50 TONNES (490 kN) PER BEAM AND DESIGNED TO TRANSFER LOADS TO THE FOUNDATION PILING.
- JACKING FRAME SHALL BE DESIGNED BY A STRUCTURAL PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF MANITOBA.
- SEALED DESIGN DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE CONTRACT ADMINISTRATOR FOR REVIEW PRIOR TO THE COMMENCING OF THE WORK IN ACCORDANCE WITH THE SPECIFICATIONS.
- REMOVE EXISTING BEARING PADS AND CLEAN BY WIRE BRUSH THE TOP OF THE COLUMN AND UNDERSIDE OF THE BEAM AT THE BEARING AREA. INSTALL NEW BEARING PADS AND BEARING PLATES AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH THE SPECIFICATIONS.
- SPREAD TOP OF THE NEW BEARING PLATE WITH SPECIFIED EPOXY GEL AND SIMULTANEOUSLY LOWER THE BEAMS ON TO THE NEW BEARINGS.
- REPAIR EXISTING BEAM SPALLS AS DETAILED, REFER TO SHEET 13 FOR LOCATIONS AND REPAIR PROCEDURES. PROTECT BEARINGS AND BEARING PADS FROM ANY SPILLS OR DAMAGE DURING THIS OPERATION.
- SHOULD NEW BEAM SPALLS DEVELOP DURING THIS OPERATION, INFORM THE CONTRACT ADMINISTRATOR IMMEDIATELY AND REPAIR IN ACCORDANCE WITH THE SPECIFICATIONS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES



LOCATION APPROVED UNDERGROUND STRUCTURES		N/A	
SUPV. U/G STRUCTURES COMMITTEE	DATE		
NOTE: 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.			

B.M. ELEV.			
CONSTRUCTION COMPLETION DATE:			
CHECKED BY:	DRA		
APPROVED BY:	SSR		
DESIGNED BY:	FAK		
DRAWN BY:	TLK		
SCALE:	AS NOTED		
HORIZONTAL			
VERTICAL			
1 ISSUED FOR TENDER	2015 11 20	SSR	
NO.	REVISIONS	DATE	BY

CHECKED BY:	DRA
APPROVED BY:	SSR
DESIGNED BY:	FAK
DRAWN BY:	TLK
SCALE:	AS NOTED
HORIZONTAL	
VERTICAL	
1 ISSUED FOR TENDER	2015 11 20
NO.	REVISIONS



ENGINEER'S SEAL		
RELEASED FOR CONSTRUCTION		
CONSULTANT DRAWING NUMBER	14-1411-S-120	

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

WILKES RESERVOIR NORTH CELL REHABILITATION
 BEARING PLATE MARK P-1
 SECTIONS AND DETAILS
 CONSTRUCTION PROCEDURES

SHEET 28 OF 47 CITY DRAWING NUMBER 1-0650R-S0018-001