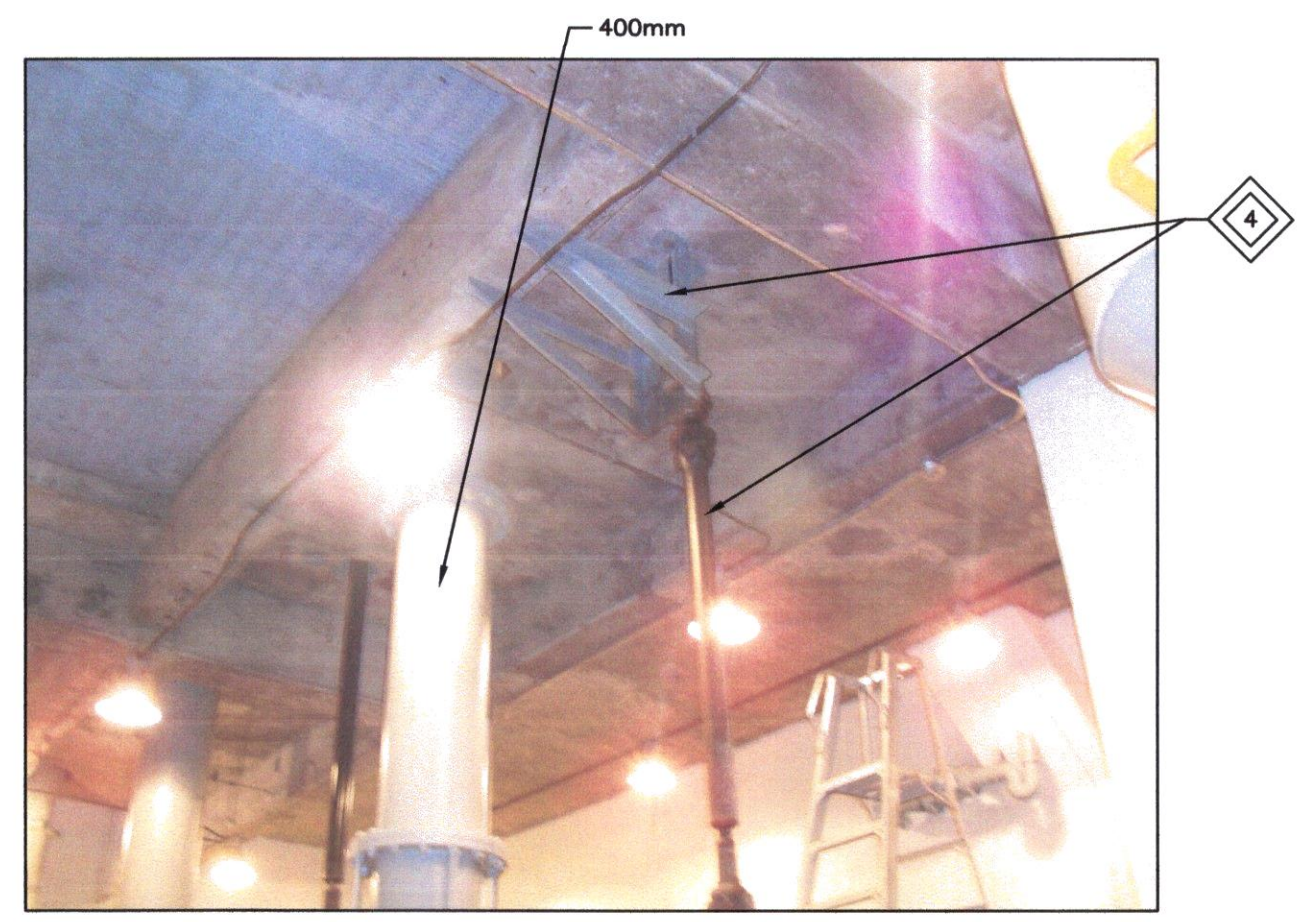
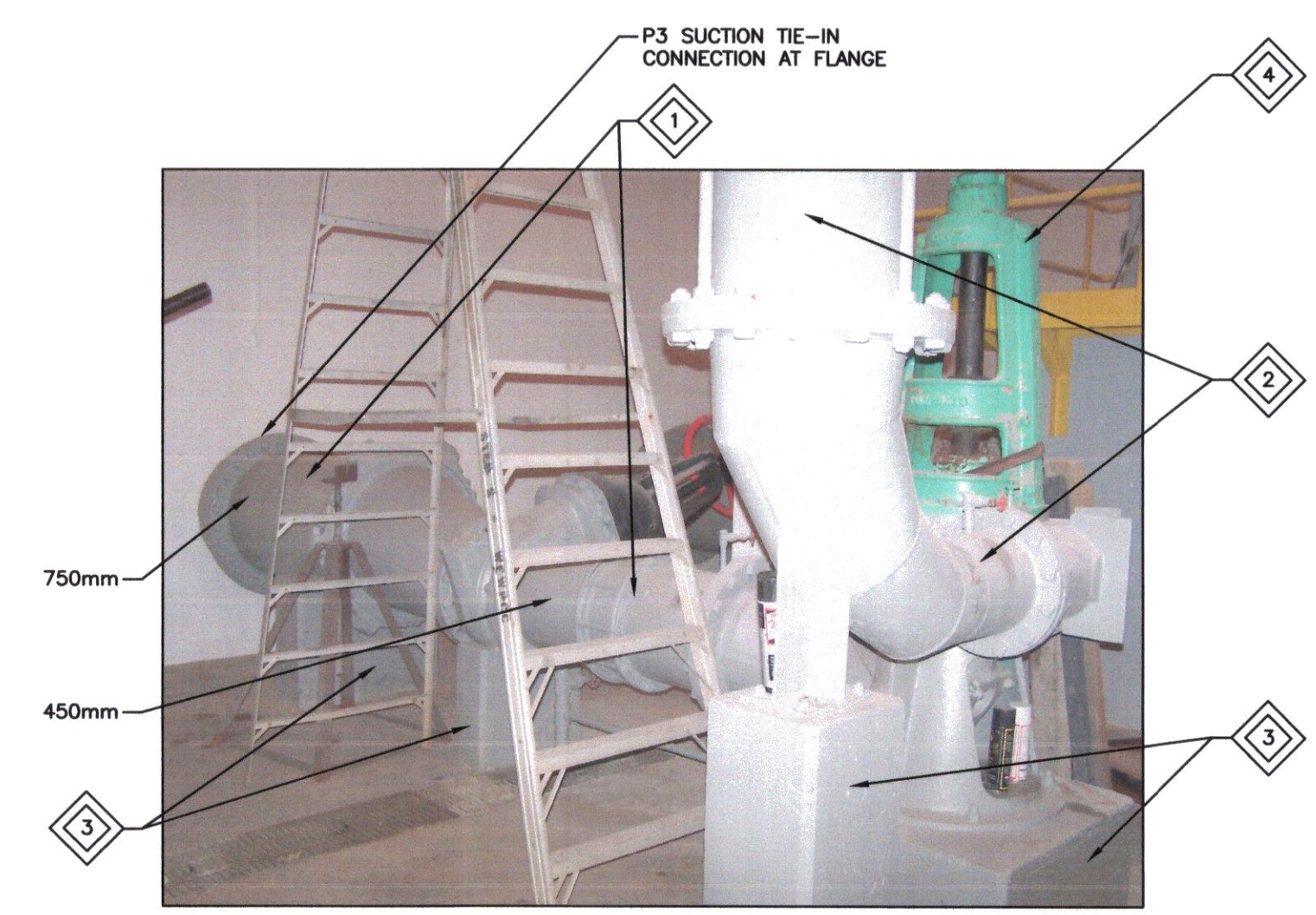


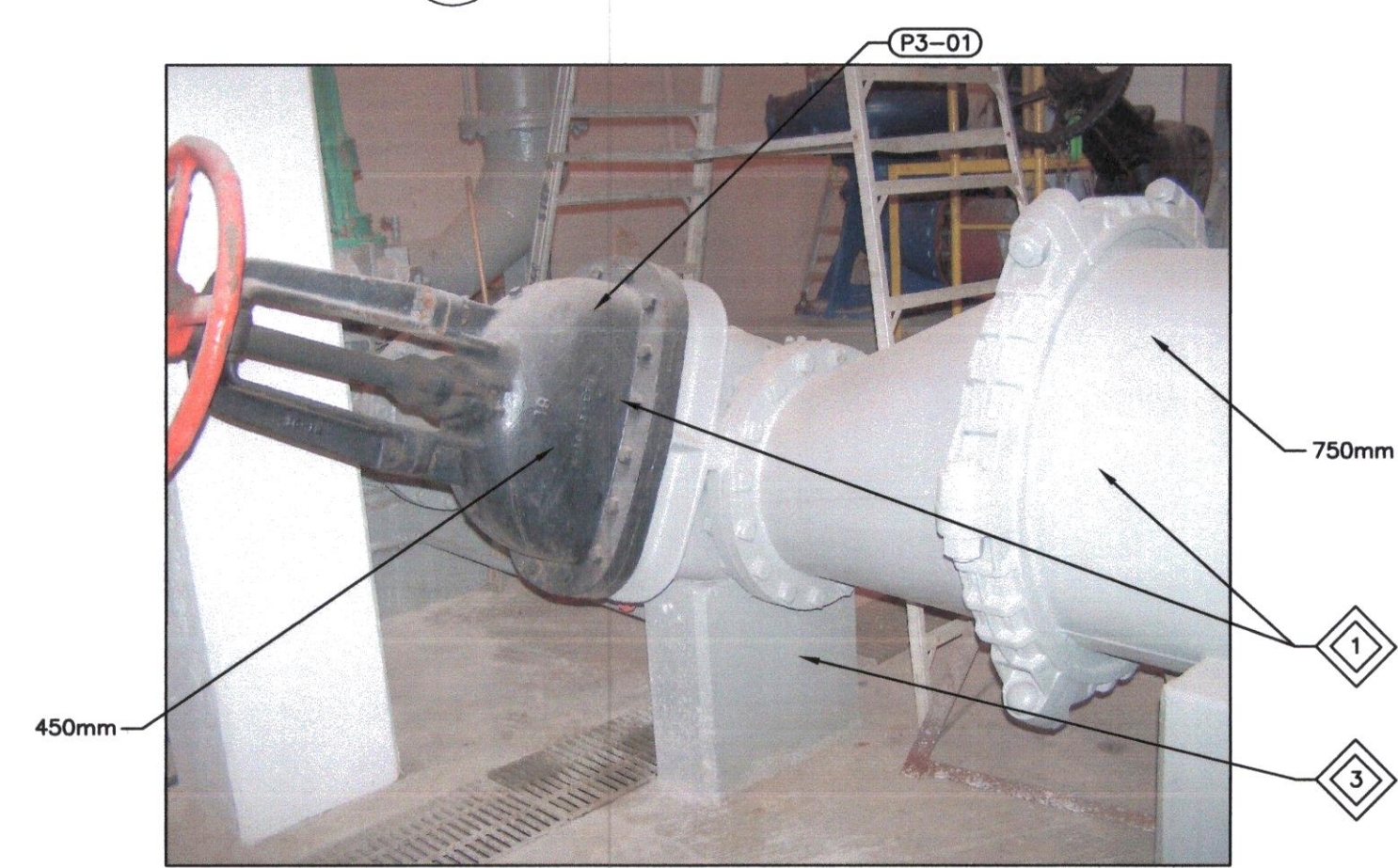
1 P3 PIPING - LEVEL 100
M1



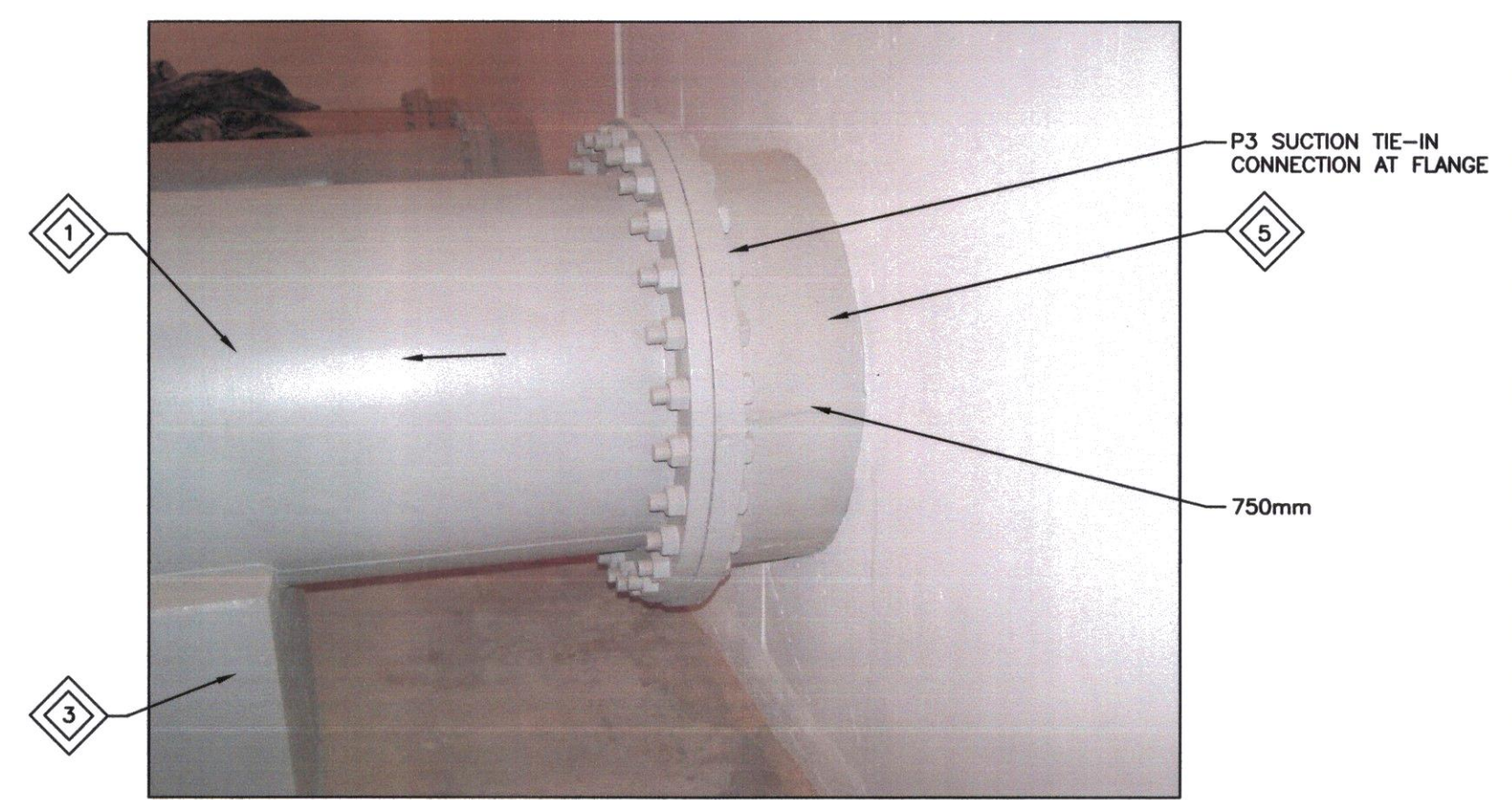
2 P3 PIPING - LEVEL 100
M1



3 P3 PIPING - LEVEL 100
M1



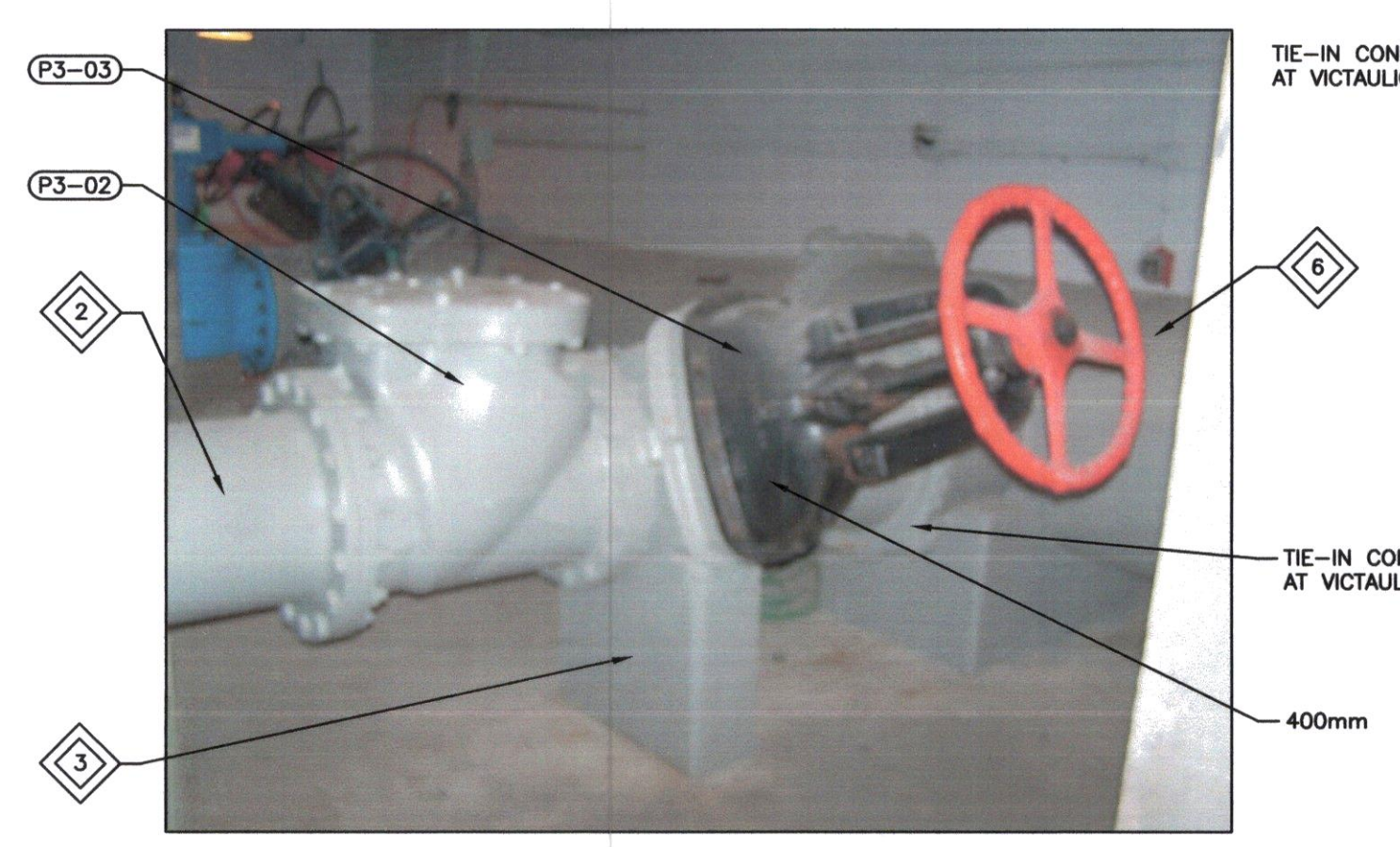
4 P3 SUCTION PIPING - LEVEL 100
M1



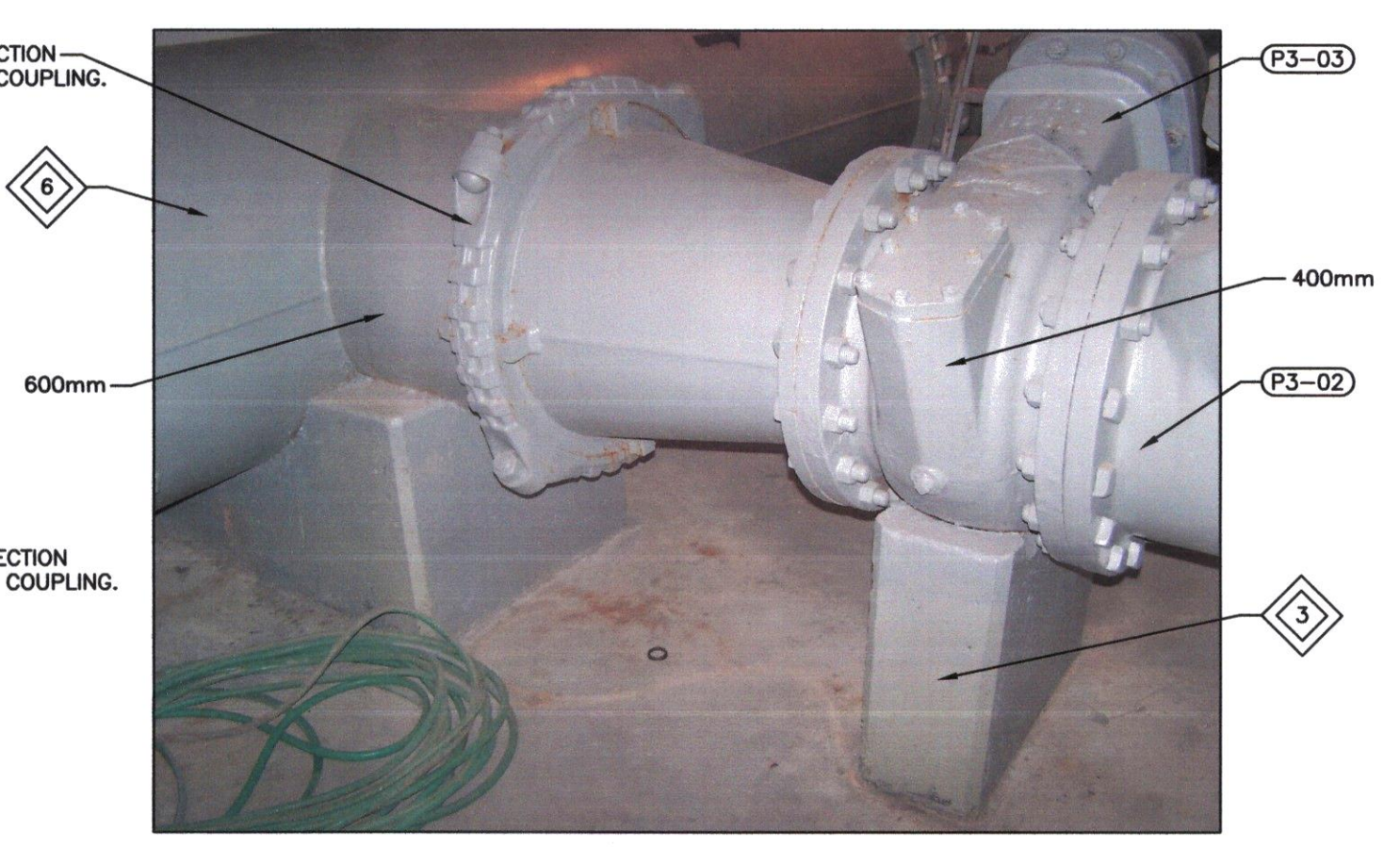
5 P3 SUCTION PIPING - LEVEL 100
M1



6 P3 DISCHARGE PIPING - LEVEL 200
M1



7 P3 DISCHARGE PIPING - LEVEL 200
M1



8 P3 DISCHARGE PIPING - LEVEL 200
M1



9 P3 PUMP MOTOR - LEVEL 300
M1

- KEY NOTES:**
- 1 REMOVE EXISTING SUCTION PIPING, VALVE & FITTINGS DOWN STREAM OF TIE-IN CONNECTION.
 - 2 REMOVE EXISTING DISCHARGE PIPING, VALVES, FITTINGS TO DISCHARGE TIE-IN CONNECTION ON LEVEL 200.
 - 3 REMOVE EXISTING CONCRETE SUPPORTS FLUSH WITH FLOOR.
 - 4 REMOVE EXISTING PUMP P3 RELATED SHAFT, SHAFT SUPPORT BRACKET AT LEVEL 100 CEILING, SHAFT PROTECTIVE COVER AND BEARING STEEL SUPPORT BEAM ON LEVEL 200, AND MOTOR ON LEVEL 300. REMOVE ANY BOLTS FLUSH WITH CONCRETE & FINISH CONCRETE.
 - 5 EXISTING 750mm (30" CAST IRON) PIPING.
 - 6 EXISTING 900mm PUMP DISCHARGE HEADER.

APEGN
Certificate of Authorization
KGS Group
No. 245 Date: _____

FIELD BOOK #:		KGS GROUP CONSULTING ENGINEERS		ENGINEER'S SEAL	
POSTED TO LBIS					
DESIGNED BY	RED	CHECKED BY	JS		
DRAWN BY	MSL	APPROVED BY	RED		
HOR. SCALE	N.T.S.	RELEASED FOR CONSTRUCTION			
VERTICAL	N.T.S.				
NO.	REVISIONS	DATE	BY	DATE	2011 07 15

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

REPLACEMENT OF RAW SEWAGE PUMP P-3
PERIMETER ROAD PUMPING STATION
MECHANICAL
PUMP P3 & RELATED PIPING DEMOLITION

SHEET 1 OF 1
CITY DRAWING NUMBER