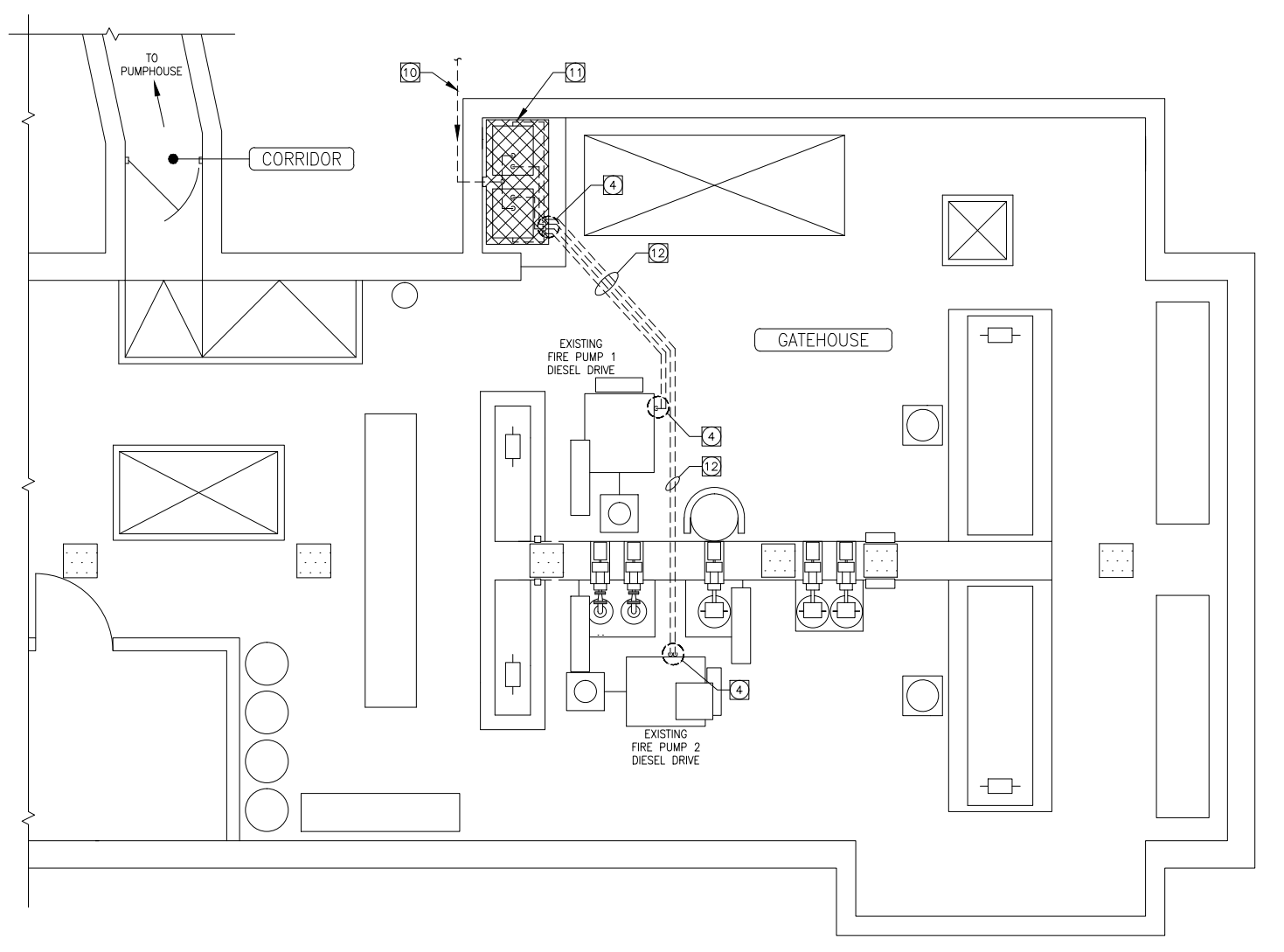


PUMPHOUSE - DEMOLITION PLAN
 SCALE: 1:50
 0 1250 2500 mm

SCOPE/AREA OF DECOMMISSIONING AND DEMOLITION. NEW SYSTEM TO BE OPERATIONAL PRIOR TO START OF DEMOLITION UNLESS OTHERWISE NOTED.



GATEHOUSE - DEMOLITION PLAN
 SCALE: 1:50
 0 1250 2500 mm

GENERAL NOTES

1. NEW SYSTEM SHALL BE FULLY OPERATIONAL BEFORE DECOMMISSIONING OF EXISTING FUEL SYSTEM.
 2. ALL EXPOSED EXISTING FUEL LINES SHALL BE REMOVED. BURIED LINES SHALL BE ABANDONED IN PLACE. PURGE AND CAP BOTH ENDS OF ABANDONED LINES WITH NON-SHRINK GROUT OR APPROVED EQUIVALENT IN ACCORDANCE WITH B7.
 3. PATCH AND SEAL ALL OPENINGS CREATED IN WALLS AND THE EXTERIOR CLADDING BY DEMOLITION OR INSTALLATION OF NEW PIPING TO MAINTAIN THE INTEGRITY OF THE STRUCTURE AND TO BE WATER-TIGHT. PROVIDE NEW CLADDING TO COVER EXISTING OPENINGS OF MATCHING PROFILE AND COLOUR TO THE EXISTING CLADDING. REPAIR WALL, FLOOR, AND CEILING SURFACES TO MATCH EXISTING COLOURS, SHEEN AND LUSTER.
 4. THE INTERIOR WALLS OF THE PUMPHOUSE ARE COVERED IN CORK. THE CORK SHOULD BE NEATLY CUT BACK AT ANY OPENING. REPLACEMENT OF CORK IS NOT REQUIRED.
 5. REMOVE EXISTING RUBBER FUEL HOSES FROM EXISTING CONNECTIONS OF THE DIESEL FUEL SUPPLY AND RETURN LINES TO THE SKID RAILS OF THE GENERATOR UP THE INLET OF THE EXISTING DUPLEX FUEL FILTER. ALL FUEL CARRYING PIPING/HOSES/DEVICES TO HAVE MINIMUM 540°C MELTING TEMPERATURE.
 6. PROVIDE SIGNS AT INTERIOR WALL INDICATING ABANDONED IN PLACE BURIED FUEL LINES. SHOW TERMINATION POINTS OF ABANDONED LINES ON FINAL DRAINS INDICATING OFFSET FROM WALL AND INVERT ELEVATIONS. SIGNS SHALL BE 6mm BLACK CHARACTERS ON WHITE VINYL ON 20G ALUMINUM BACKING SCREWED TO WALL. SUBMIT PROPOSED SIGN LAYOUT FOR REVIEW.
 7. CONTRACTOR SHALL COORDINATE ALL SHUTDOWNS WITH THE CITY. SHUTDOWNS SHALL BE COORDINATED IN ADVANCE DURING PROGRESS MEETINGS. A MINIMUM OF 3 WORKING DAYS ARE REQUIRED. THE CITY MAY RESCHEDULE SHUTDOWN TO ACCOMMODATE OPERATIONAL REQUIREMENTS. THIS WOULD INCLUDE BUT NOT BE LIMITED TO FUEL SYSTEMS, WATER SYSTEMS, ELECTRICAL SYSTEMS AND CONTROL SYSTEMS.
- BID OPPORTUNITY NO. 231-2015

DEMOLITION NOTES

1. DECOMMISSION AND ABANDON EXISTING DUAL WALL PIPING FROM THE EXISTING OUTDOOR FUEL VAULT TO THE PUMPHOUSE. SEE GENERAL NOTES 2 AND 6.
2. DECOMMISSION AND ABANDON EXISTING GENERATOR FUEL SUPPLY AND RETURN PIPING UNDER FLOOR. SEE GENERAL NOTE 2.
3. DECOMMISSION AND ABANDON EXISTING LOW LEVEL PUMP FUEL SUPPLY AND RETURN PIPING UNDER FLOOR. SEE GENERAL NOTE 2.
4. DEMOLISH ABOVE FLOOR PIPING. CUT PIPING AS FLUSH TO FLOOR AS POSSIBLE. SEE GENERAL NOTE 6.
5. REMOVE EXISTING TANK AND ALL ASSOCIATED PIPING, INCLUDING VALVES, SUPPORTS, PUMP, STRAINER/FILTER, METER AND SECONDARY CONTAINMENT ON FLOOR. EXISTING FUEL OIL TO BE STORED TEMPORARILY AND TRANSFERRED TO NEW AUXILIARY TANKS WHEN NEW INSTALLATION IS COMPLETE.
6. DEMOLISH OVERHEAD FUEL OIL PIPING RUNNING TO GATEHOUSE.
7. DECOMMISSION AND ABANDON EXISTING DUAL WALL PIPING FROM THE PUMPHOUSE TO THE GATEHOUSE. SEE GENERAL NOTES 2 AND 6.
8. EXISTING STORAGE CABINET TO BE RELOCATED BY CITY.
9. EXISTING FULL HEIGHT LOCKERS TO BE RELOCATED BY CITY.
10. DECOMMISSION AND ABANDON EXISTING DUAL WALL PIPING RUNNING FROM THE PUMPHOUSE TO THE EXISTING AUXILIARY TANKS IN GATEHOUSE. SEE GENERAL NOTES 2 AND 6.
11. REMOVE EXISTING AUXILIARY TANKS AND ALL ASSOCIATED PIPING, INCLUDING VALVES AND SUPPORTS. EXISTING FUEL OIL TO BE STORED TEMPORARILY AND TRANSFERRED TO NEW AUXILIARY TANKS WHEN NEW INSTALLATION IS COMPLETE.
12. DECOMMISSION AND ABANDON EXISTING FUEL SUPPLY AND RETURN PIPING UNDER FLOOR SERVING FIRE PUMPS 1 AND 2. SEE GENERAL NOTES 2 AND 6.
13. EXISTING VENTILATION PLENUM AT HIGH LEVEL TO REMAIN.
14. EXISTING WOOD CURBING TO BE DEMOLISHED AND REPLACED WITH NEW CAST-IN-PLACE CONCRETE. SEAL TO EXISTING FLOOR WITH SUITABLE SEALANT. SEE DETAIL 4/S0003.

1-0600A-S0003-001-00	STRUCTURAL - TANK SLAB DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS



LOCATION APPROVED
 UNDERGROUND STRUCTURES
 SUPR. 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.

NO.	ISSUED FOR ADDENDUM No. 1	15/05/14	DRL
0	ISSUED FOR TENDER, BID OPP. 231-2015	15/04/13	DRL
NO.	REVISIONS	YY/MM/DD	BY

AECOM

DESIGNED BY: CC
 CHECKED BY: GD
 DRAWN BY: DRL
 APPROVED BY:
 HOR. SCALE: 1:50
 VERT. SCALE:
 DATE:

PROFESSIONAL'S SEAL
 ORIGINAL SIGNED BY:
 C. A. D. COURCHAINE
 15/04/09
 CONSULTANT DRAWING NO.: M0003

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SHOAL LAKE
 INTAKE FUEL STORAGE AND DELIVERY SYSTEM REHABILITATION
 MECHANICAL
 PUMPHOUSE AND GATEHOUSE DEMOLITION PLANS

SHEET 11 OF 23
 CITY DRAWING NUMBER
 REV
 1-0600A-M0003-001 1