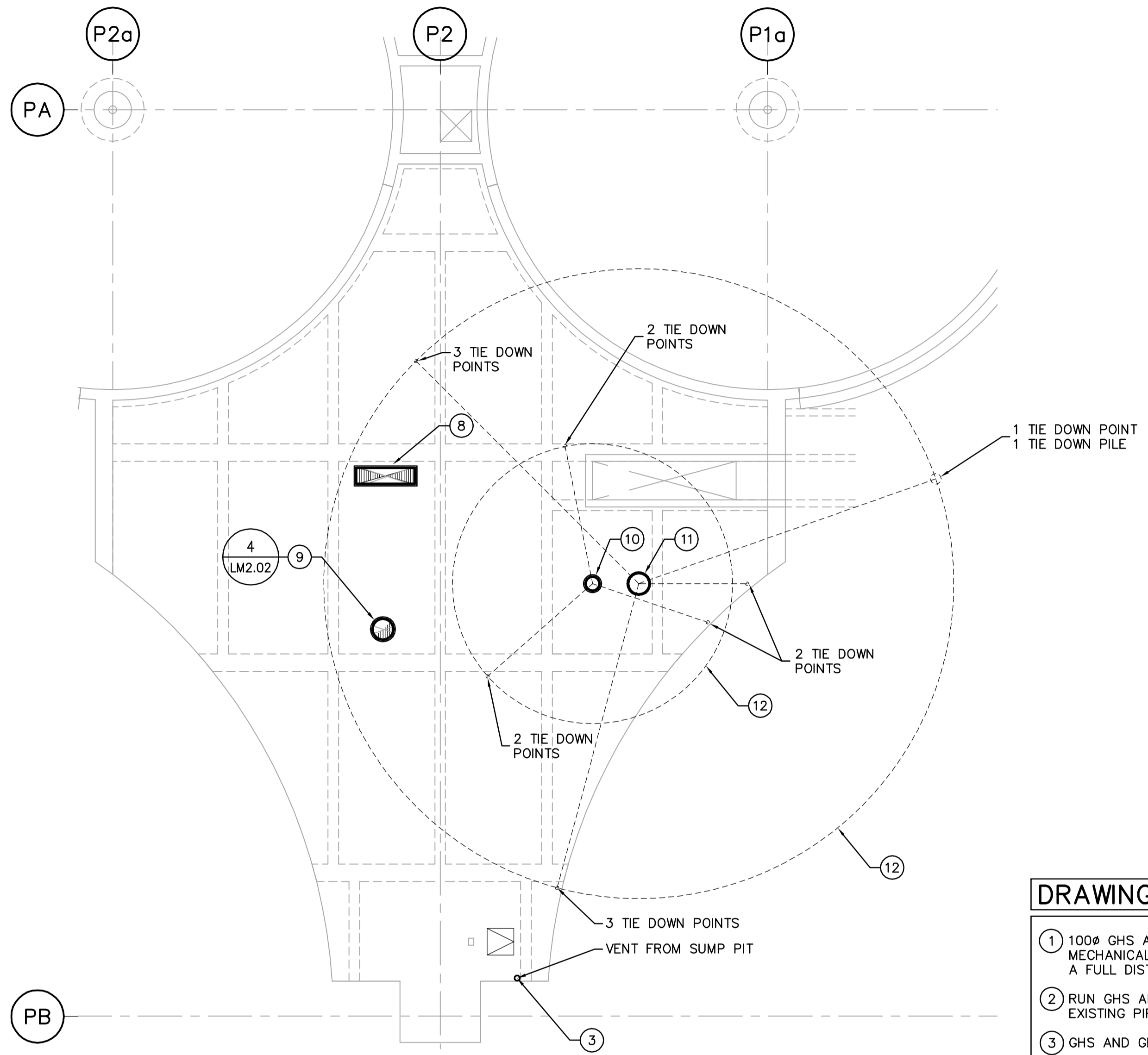
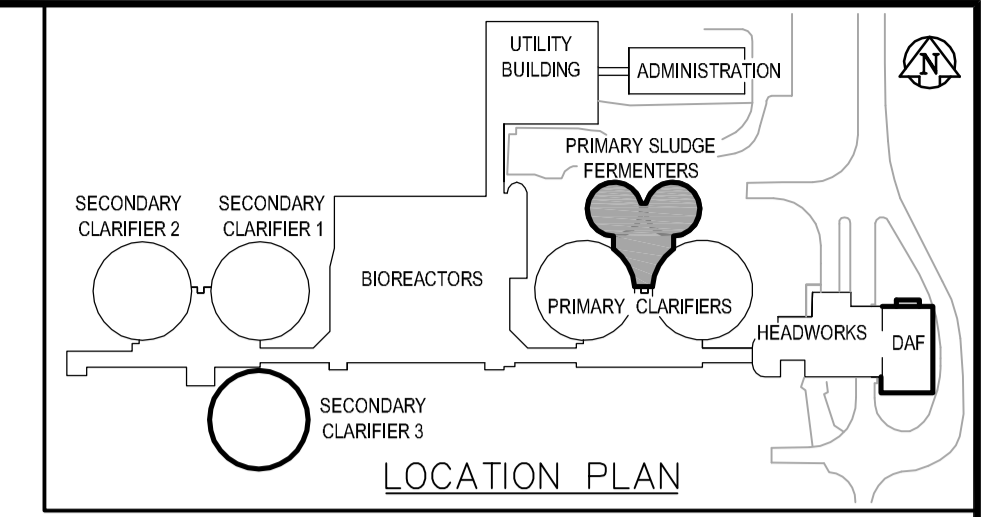


LOWER LEVEL - HYDRONIC PART PLAN
SCALE: 1:100



ROOF PLAN
SCALE: 1:100



DRAWING NOTES

- ① 100# GHS AND GHR DOWN FROM BOILERS IN SECONDARY CLARIFIER 3 MECHANICAL ROOM. INSULATE PIPING BELOW MECHANICAL ROOM FLOOR FOR A FULL DISTANCE. CONTINUED FROM DRAWING PM3.01.
- ② RUN GHS AND GHR PIPING AT HIGH LEVEL. COORDINATE ROUTING WITH EXISTING PIPING IN THIS AREA. MOUNT ON PIPE HANGERS.
- ③ GHS AND GHR PIPING DOWN TO HEATING COIL.
- ④ TYPICAL EXPANSION LOOP. WIDTH AND LENGTH SHOWN FOR SMALLEST LOOP. SEE EXPANSION COMPENSATION DETAIL.
- ⑤ TYPICAL ANCHOR. DISTANCE BETWEEN ANCHORS AS SHOWN.
- ⑥ TYPICAL PIPE GUIDE LOCATION. DISTANCE BETWEEN GUIDES AS SHOWN.
- ⑦ REFER TO SECTION ON DRAWING FM1.01 FOR EXACT PIPE PENETRATION LOCATION.
- ⑧ GREENHECK FABRA-HOOD, GRAVITY INTAKE. 450x1650 THROAT SIZE, c/w INSECT SCREEN AND 300mm HIGH ROOF CURB.
- ⑨ 600# EXHAUST STACK. SEE DETAIL ON LM3.02.
- ⑩ BY-PASS STACK FOR THERMAL OXIDIZER.
- ⑪ EXHAUST STACK FOR THERMAL OXIDIZER (c/w THERMAL OXIDIZER).
- ⑫ GUYWIRE ATTACHMENT PATTERN FOR THERMAL OXIDIZER STACK AND BYPASS STACK. SEE TIE POINT LOCATIONS ON PLAN.

GENERAL NOTES

1. COORDINATE WITH OTHER TRADES SO AS TO PREVENT CONFLICTS.



B.M. ELEV.					
DESIGNED BY	AB	CHECKED BY	PVL		
DRAWN BY	DL	APPROVED BY	JEH		
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	J. VEILLEUX		
VERTICAL SCALE:					
NO.	ISSUED FOR TENDER	06/04/26	DC	DATE	2006/03/13
NO.	REVISIONS	DATE	BY	DATE	2006/04/26

ENGINEER'S SEAL
ORIGINAL SIGNED BY
A. BURACHYNSKY
2006/04/26
CONSULTANT DRAWING NO.
FM3.01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WEWPCC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT 3

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER

MECHANICAL
AREA F - PRIMARY SLUDGE FERMENTERS
LOWER LEVEL HYDRONIC PART PLAN