



SITE ARRANGEMENT PLAN

1:100
SCALE IN MILLIMETERS

NO.	TITLE	SIZE (LxWxH)	STORIES	CONSTRUCTION	QTY
1	C7/G BLDG LOW BAY	82x24x4	1	METAL PANEL	1
2	C7/G BLDG HIGH BAY	82x24x7	2	METAL PANEL	1
3	ST/G BLDG	30x13x8	1	METAL PANEL	1
10	FRIE PUMP BUILDING	4x10x4	1	METAL PANEL	1
15	ELECT EQUIP BLDG	30x15x3	1	METAL PANEL	1
16	GAS COMPRESSOR BLDG	23.5x20x8	1	METAL PANEL	1
21	AUXILIARY BOILER BLDG	18x18x10	1	METAL PANEL	1
22	HEAT RECOVERY STEAM GENERATOR BUILDING	52x29x9	1	METAL PANEL	1

- KEY:**
- 1 COMBUSTION TURBINE (C7/G) BUILDING
 - 2 HEAT RECOVERY STEAM GENERATOR
 - 3 STEAM TURBINE (ST/G) BUILDING
 - 4 COOLING TOWER
 - 5 GAS METERING AND CONDITIONING YARD
 - 6 230V SWITCHARD (OS)
 - 7 WATER TREATMENT BUILDING
 - 8 DEMINERALIZED WATER STORAGE TANK
 - 9 SERVICE/PINE WATER STORAGE TANK
 - 10 FRIE PUMP BUILDING (FRIE-7748)
 - 11 OIL/WATER SEPARATOR
 - 12 AMMONIA STORAGE (OS)
 - 13 UNDERGROUND 2300V CABLE BUS
 - 14 UNDERGROUND 2300V ONE TAP STATION
 - 15 ELECTRICAL EQUIPMENT BUILDING
 - 16 GAS COMPRESSOR BUILDING
 - 17 OSU TRANSFORMER (THREE)
 - 18 AUXILIARY TRANSFORMER (TWO)
 - 19 SWITCHWARD CONTROL BUILDING
 - 20 OIL/OILT SEPARATOR
 - 21 AUXILIARY BOILER BUILDING
 - 22 HEAT EXCHANGERS BUILDING (CONV. OF TWO)
 - 23 230V AIR-BREAK SWITCH AND RISER BOX
 - 24 RAW WATER TREATMENT BUILDING
 - 25 SHIELD WALL
 - 26 UNDERGROUND CIRCULATING WATER PIPING
 - 27 CHEMICAL DELIVERY & BEAM TRAYLER AREA
 - 28 WASTEWATER COLLECTION BASIN
 - 29 C7/G ROTOR PULL SPACE (OPEN YARD)
 - 30 SOLID WASTE (GARBAGE) DUMPSTER AREA (FENCED)

- NOTES:**
1. PROPERTY DIMENSIONS ARE FROM J.D. BARNES SURVEY DRAWING NO. 07-25-148-36 DATED MARCH 16, 2009 AND 07-25-153 SURVEYS.
 2. EXISTING TOP OF GRADE SHOWN ON OGS PROPERTY AND NOT SHOWN ON THIS PLAN.
 3. EXISTING GROUND PENETRATION RECORDS (GPR) AND WEST PROPERTY LINES TO BE RECORDED UNDERGROUND.
 4. PROJECT CONFIGURATION IS ACCORDANCE WITH OAKVILLE EMPLOYMENT AND INDUSTRIAL ZONE SETBACKS.
 5. ROADS PAVED WITH CONCRETE, ASPHALT OR GRAVEL PER SYMBOL CHART.
 6. SEE DRAWING C2002 FOR SITE SURFACING PLAN.

NO.	DATE	DESCRIPTION	BY	CHK
A	10/05/09	ISSUE FOR PERMIT	JM	AK
B				
C				
D				
E				
F				

NOT TO BE USED FOR CONSTRUCTION

HDR Engineering, Inc.

TransCanada

OAKVILLE GENERATING STATION (OGS) SITE ARRANGEMENT PLAN

DATE: 10/05/09 SCALE: AS NOTED
DWC NO. 106231-CGA-C2001 REV. A