5.
CLKBUFXL:T_{PHL}-T_{PLH} 小
BUFXL:T_{PHL}-T_{PLH} 大

6.
CLKBUFXL:
T_{PLH}:0.058+5.274*0.1=0.5854(ns), T_{PHL}=0.064+4.661*0.1=0.5301(ns)
BUFXL:
T_{PLH}:0.059+5.775*0.1=0.6365(ns), T_{PHL}=0.084+3.417*0.1=0.4258(ns)

7.
$D = \frac{W}{T}$ where D is the duty cycle, W is the pulse width (pulse active time), and T is the total period of the signal.
W_9=5-9*(0.5854-0.5301)=4.5023
W_{10}= W_9-(0.058-0.064)=4.5083
duty cycle= W_{10}/10*100%=45.083%

8.
W_9=5-9*(0.6365-0.4258)=3.1037
W_{10}= W_9-(0.059-0.084)=3.1287
duty cycle= W_{10}/10*100%=31.287%

10.
A:
T_{PHL}:1.115+0.024*20=1.595(ns)
T_{PLH}:1.150+0.025*20=1.65(ns)
OE:
T_{PHL}:1.172+0.024*20=1.652(ns)
T_{PLH}:1.151+0.025*20=1.651(ns)

13.
max capacitance=0.150000(pF)
leakage power=247.448682(pW)

15.
max capacitance=0.150000(pF)
leakage power=5.896343(pW)

20.
max width:
met1:9.0, met2:9.0, met3:9.0, met4:9.0, met5:9.0, met6:9.0
pitch setup:
met1:0.560, met2:0.660, met3:0.560, met4:0.660, met5:0.560, met6:1.320

21.
OBS

```
        LAYER met1 ;
        RECT    5.530 2.160 9.610 2.560 ;
        RECT    4.140 2.210 5.530 2.510 ;
        RECT    4.050 1.490 4.140 3.290 ;
        RECT    3.840 1.390 4.050 3.290 ;
        RECT    2.370 1.390 3.840 1.790 ;
        RECT    3.740 2.840 3.840 3.290 ;
        RECT    2.670 2.840 3.740 3.140 ;
        RECT    1.500 2.070 3.600 2.470 ;
        RECT    2.270 2.840 2.670 3.820 ;
        RECT    1.260 1.390 1.500 2.990 ;
        RECT    0.970 1.390 1.260 1.790 ;
        RECT    1.220 2.750 1.260 2.990 ;
        RECT    0.820 2.750 1.220 3.150 ;
END
```