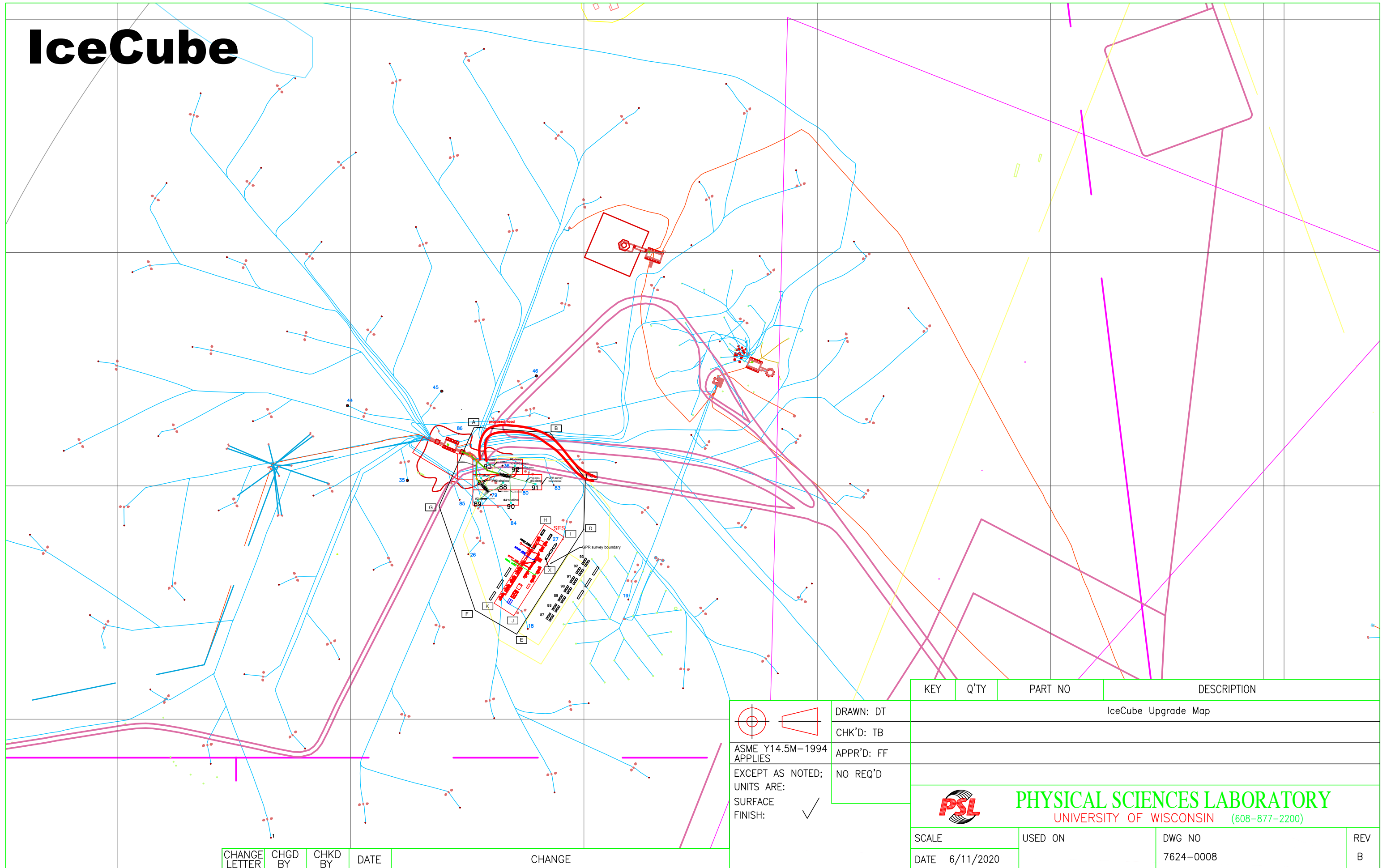





IceCube



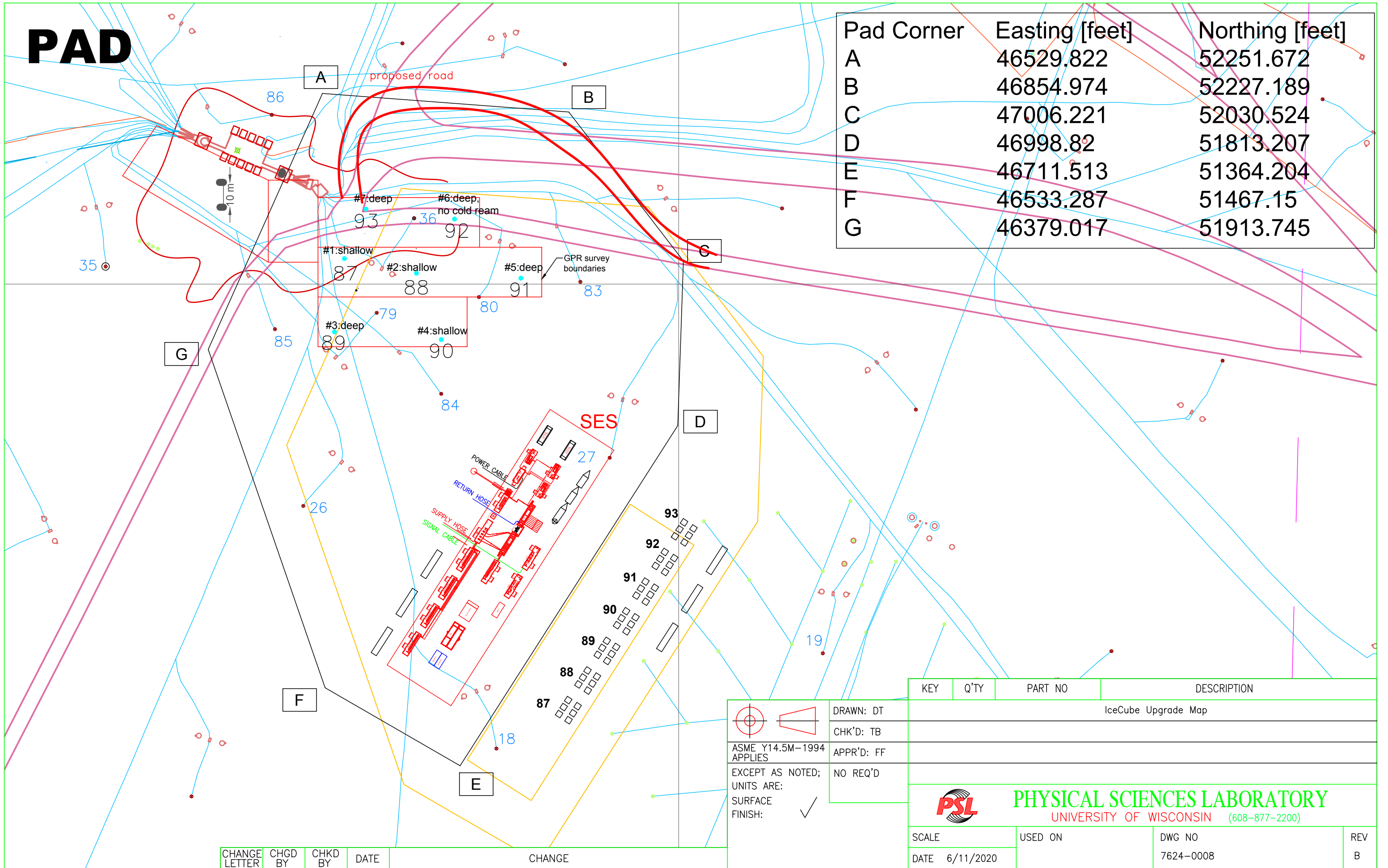
CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE



 DRAWN: DT
 CHK'D: TB
 ASME Y14.5M-1994 APPLIES
 EXCEPT AS NOTED; UNITS ARE:
 SURFACE FINISH: ✓

APPR'D: FF
 NO REQ'D



KEY	Q'TY	PART NO	DESCRIPTION
			IceCube Upgrade Map
 PHYSICAL SCIENCES LABORATORY UNIVERSITY OF WISCONSIN (608-877-2200)			
SCALE	USED ON	DWG NO	REV
DATE 6/11/2020		7624-0008	B


PAD



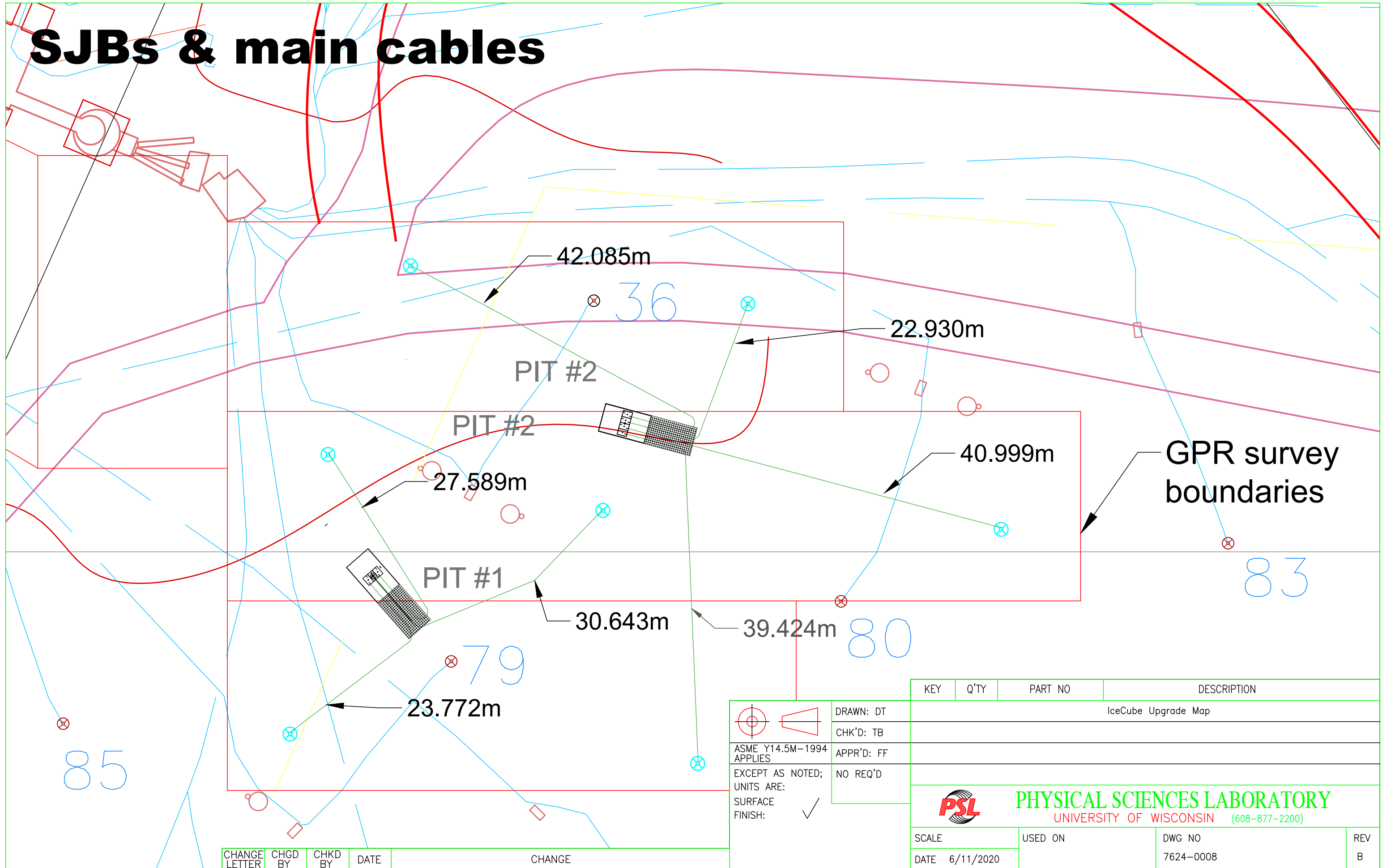
Pad Corner	Easting [feet]	Northing [feet]
A	46529.822	52251.672
B	46854.974	52227.189
C	47006.221	52030.524
D	46998.82	51813.207
E	46711.513	51364.204
F	46533.287	51467.15
G	46379.017	51913.745

CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE





 DRAWN: DT
 CHK'D: TB
 ASME Y14.5M-1994 APPLIES
 EXCEPT AS NOTED; UNITS ARE: SURFACE FINISH: ✓
 APPR'D: FF
 NO REQ'D

KEY	Q'TY	PART NO	DESCRIPTION
			IceCube Upgrade Map
 PHYSICAL SCIENCES LABORATORY UNIVERSITY OF WISCONSIN (608-877-2200)			
SCALE	USED ON	DWG NO	REV
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SJBs & main cables



CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE

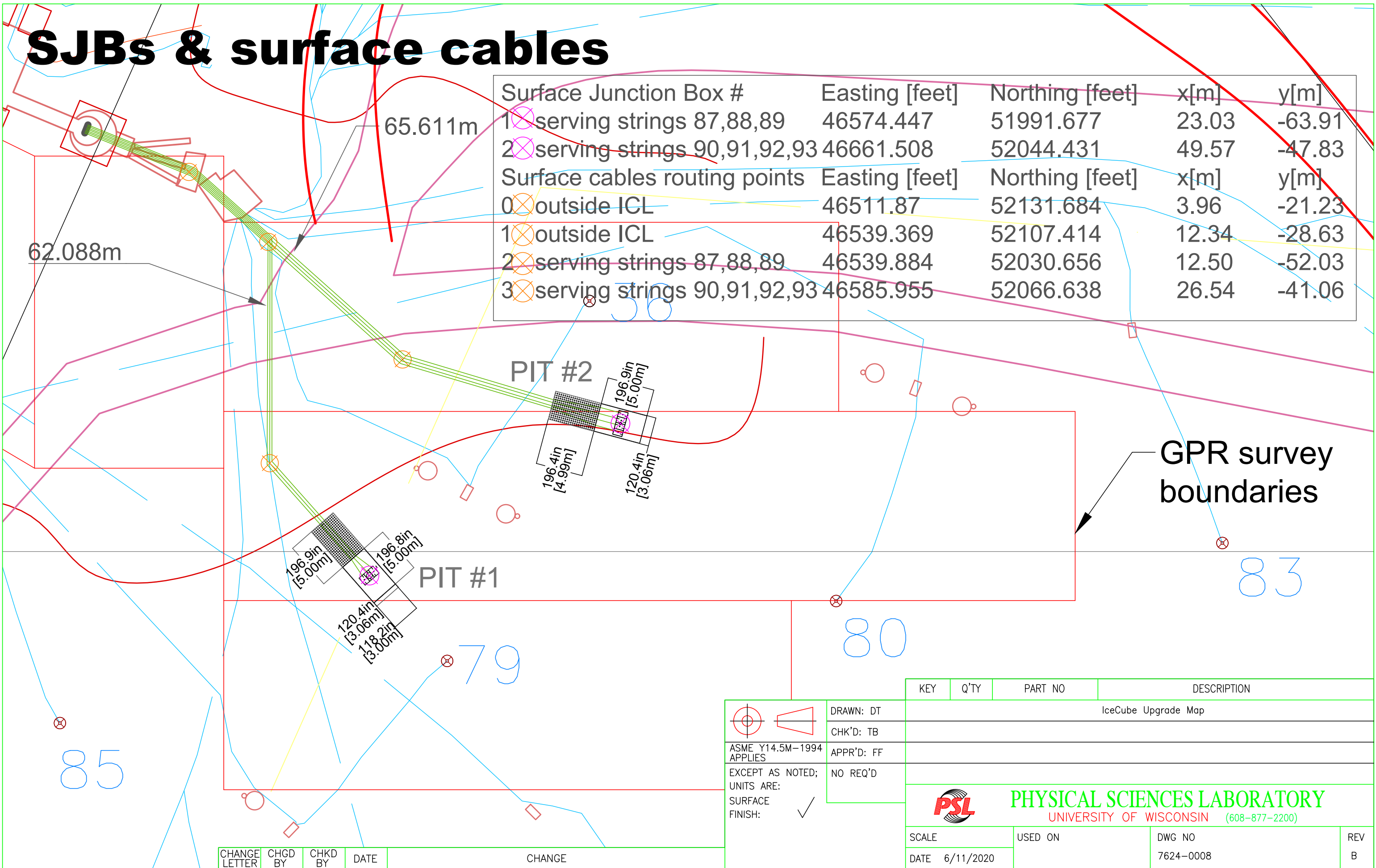


 DRAWN: DT
 CHK'D: TB
 ASME Y14.5M-1994 APPLIES
 EXCEPT AS NOTED; UNITS ARE: SURFACE FINISH: ✓
 APPR'D: FF
 NO REQ'D



KEY	Q'TY	PART NO	DESCRIPTION
			IceCube Upgrade Map

 PHYSICAL SCIENCES LABORATORY UNIVERSITY OF WISCONSIN (608-877-2200)			
SCALE	USED ON	DWG NO	REV
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SJBs & surface cables

Surface Junction Box #	Easting [feet]	Northing [feet]	x[m]	y[m]
1 serving strings 87,88,89	46574.447	51991.677	23.03	-63.91
2 serving strings 90,91,92,93	46661.508	52044.431	49.57	-47.83
Surface cables routing points	Easting [feet]	Northing [feet]	x[m]	y[m]
0 outside ICL	46511.87	52131.684	3.96	-21.23
1 outside ICL	46539.369	52107.414	12.34	-28.63
2 serving strings 87,88,89	46539.884	52030.656	12.50	-52.03
3 serving strings 90,91,92,93	46585.955	52066.638	26.54	-41.06





 DRAWN: DT
 CHK'D: TB
 ASME Y14.5M-1994 APPLIES
 EXCEPT AS NOTED; UNITS ARE: SURFACE FINISH: ✓
 APPR'D: FF
 NO REQ'D

KEY	Q'TY	PART NO	DESCRIPTION
			IceCube Upgrade Map


PHYSICAL SCIENCES LABORATORY
 UNIVERSITY OF WISCONSIN (608-877-2200)

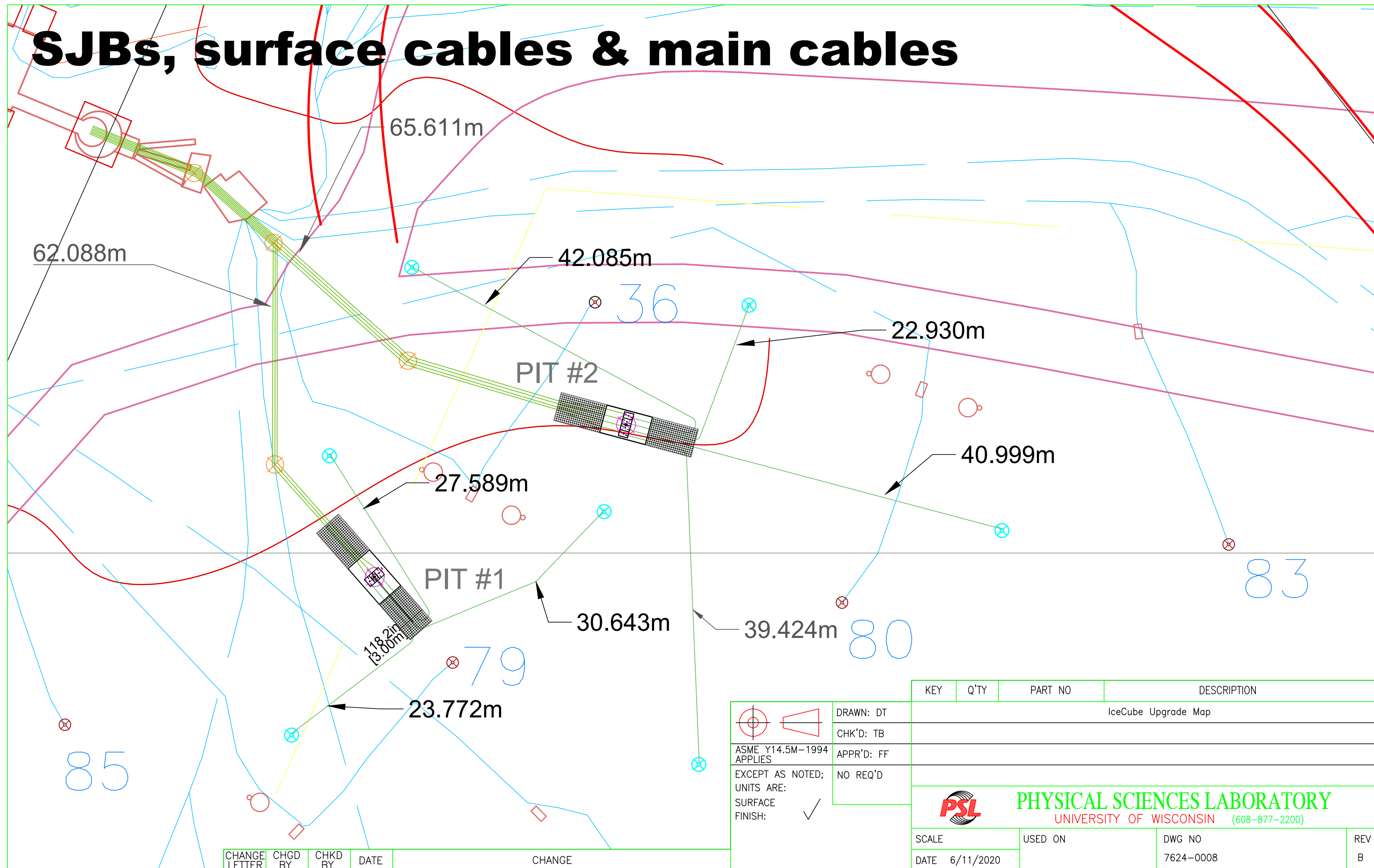
SCALE	USED ON	DWG NO	REV
DATE 6/11/2020		7624-0008	B

CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE

PSL DRAWINGS ARE MODELED AT FULL SCALE. SCALE SHOWN IN SCALE BOX IS VALID ONLY WHEN DRAWING IS PLOTTED AT FULL. DO NOT SCALE DRAWING.

Drawn with AutoCAD

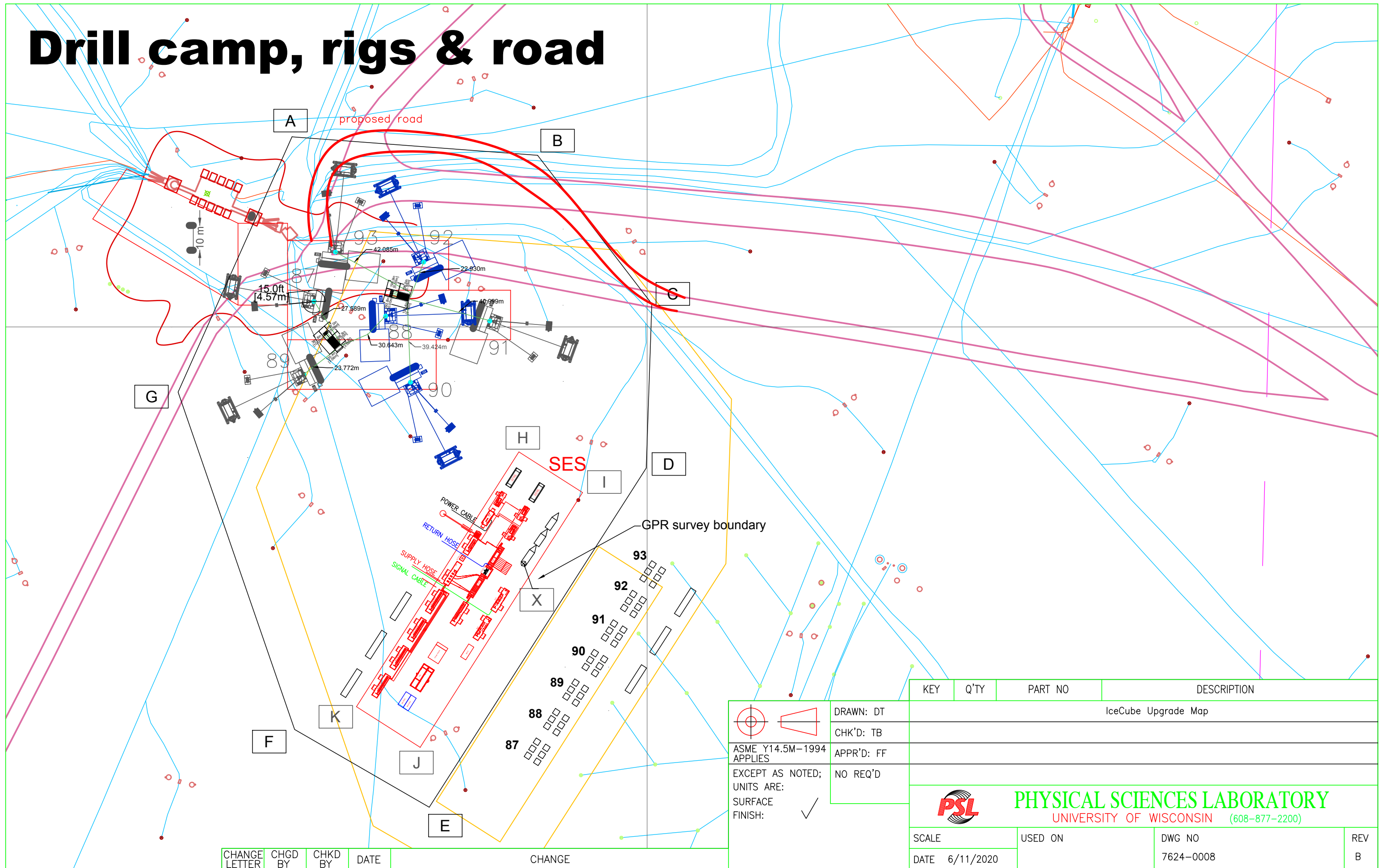
SJBs, surface cables & main cables





KEY	Q'TY	PART NO	DESCRIPTION
			IceCube Upgrade Map
DRAWN: DT CHK'D: TB APPR'D: FF NO REQ'D			
ASME Y14.5M-1994 APPLIES EXCEPT AS NOTED; UNITS ARE: SURFACE FINISH: ✓			
SCALE DATE 6/11/2020		USED ON	DWG NO 7624-0008
PSL PHYSICAL SCIENCES LABORATORY UNIVERSITY OF WISCONSIN (608-877-2200)			REV B


CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE

Drill camp, rigs & road



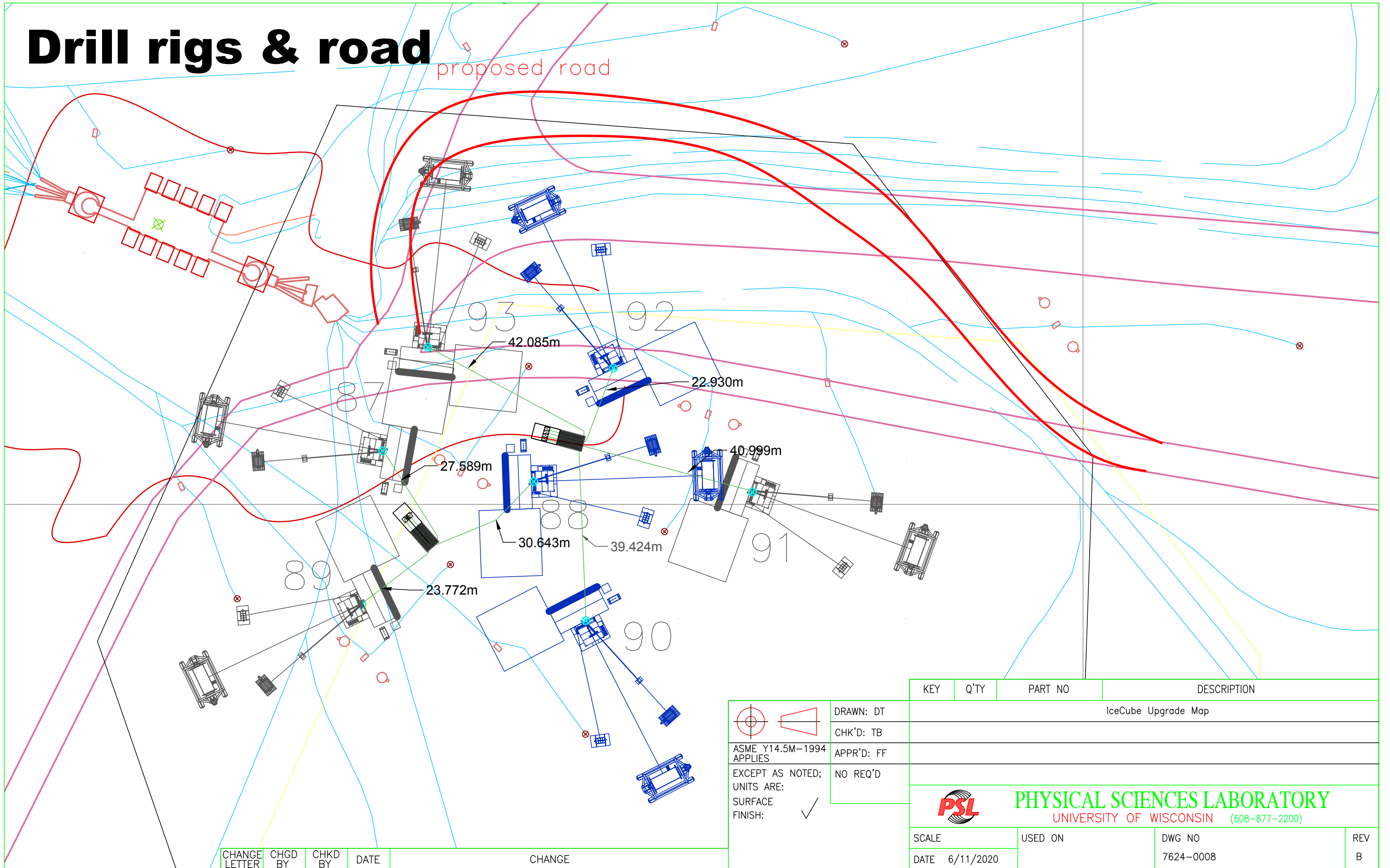
CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE



 DRAWN: DT
 CHK'D: TB
 ASME Y14.5M-1994 APPLIES
 EXCEPT AS NOTED;
 UNITS ARE:
 SURFACE FINISH: ✓

KEY	Q'TY	PART NO	DESCRIPTION
			IceCube Upgrade Map
 PHYSICAL SCIENCES LABORATORY UNIVERSITY OF WISCONSIN (608-877-2200)			
SCALE	USED ON	DWG NO	REV
DATE 6/11/2020		7624-0008	B

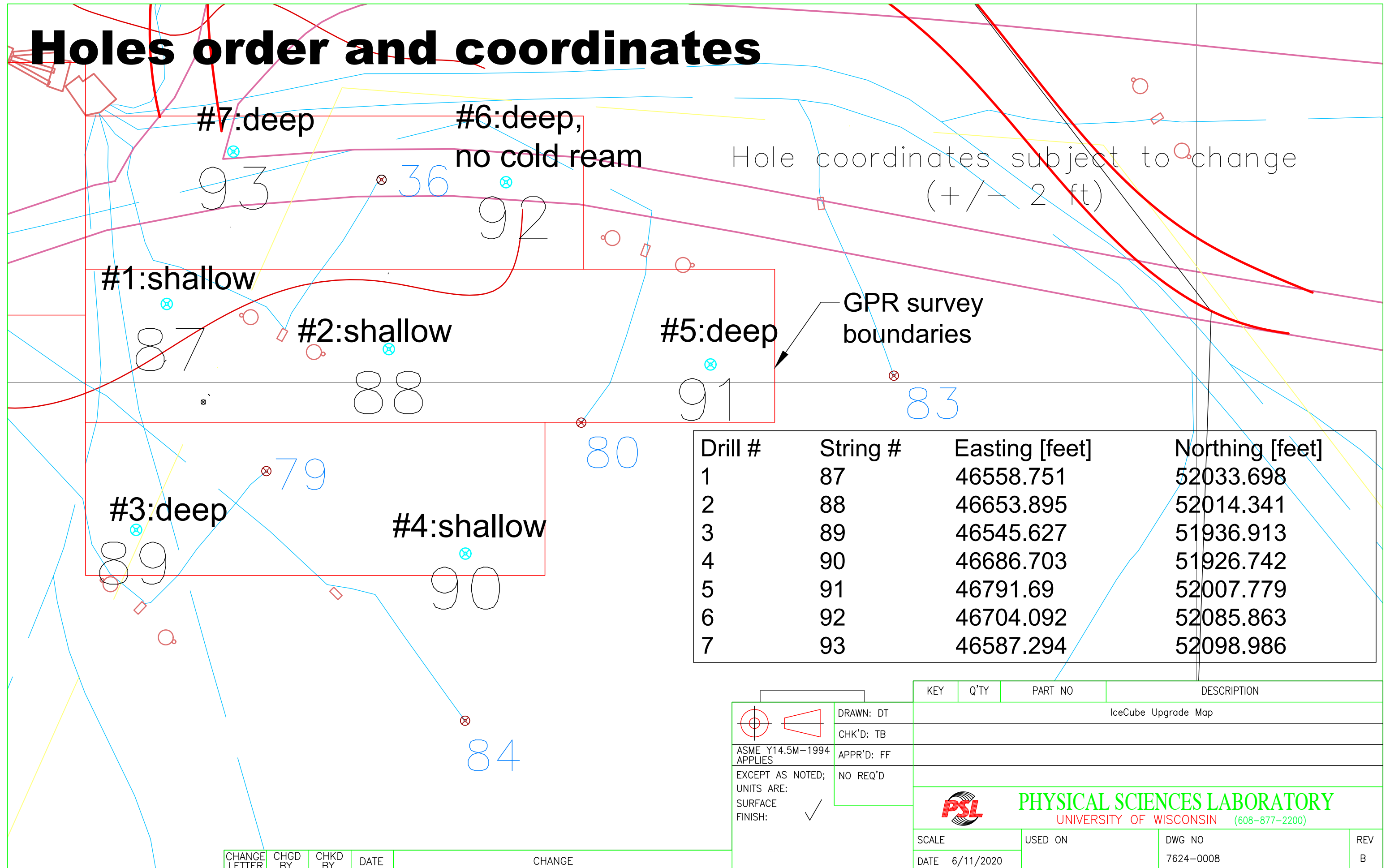
Drill rigs & road

proposed road



CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE

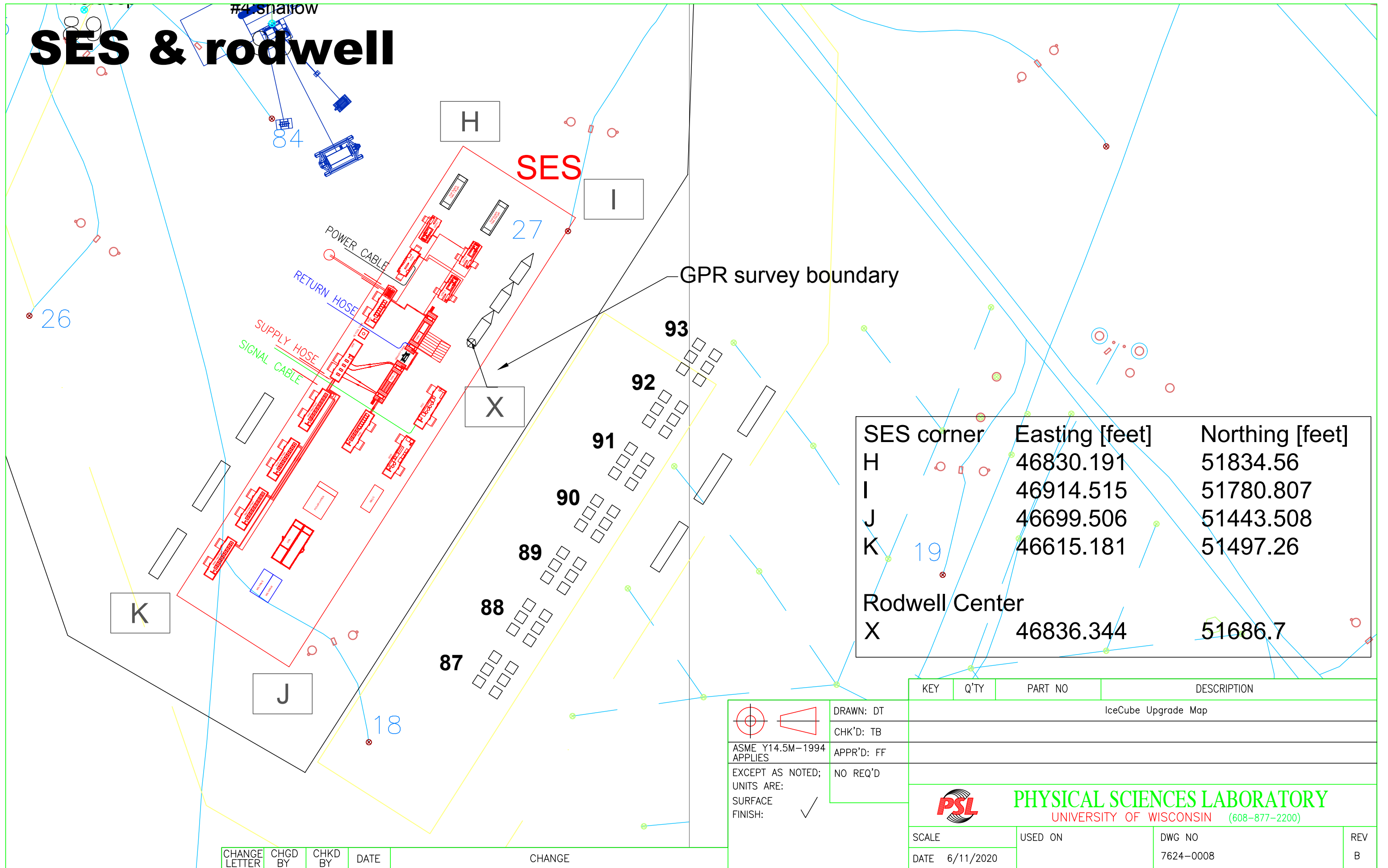
Holes order and coordinates





CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE


	DRAWN: DT	KEY	Q'TY	PART NO	DESCRIPTION
	CHK'D: TB	IceCube Upgrade Map			
	ASME Y14.5M-1994 APPLIES	APPR'D: FF			
	EXCEPT AS NOTED; UNITS ARE: SURFACE FINISH: ✓	NO REQ'D			
PHYSICAL SCIENCES LABORATORY UNIVERSITY OF WISCONSIN (608-877-2200)		SCALE	USED ON	DWG NO	REV
DATE 6/11/2020				7624-0008	B

SES & rodwell



SES corner	Easting [feet]	Northing [feet]
H	46830.191	51834.56
I	46914.515	51780.807
J	46699.506	51443.508
K	46615.181	51497.26
Rodwell Center		
X	46836.344	51686.7

  DRAWN: DT
 ASME Y14.5M-1994 APPLIES CHK'D: TB
 EXCEPT AS NOTED; NO REQ'D APPR'D: FF
 UNITS ARE:
 SURFACE FINISH: ✓

KEY	Q'TY	PART NO	DESCRIPTION
IceCube Upgrade Map			
 PHYSICAL SCIENCES LABORATORY UNIVERSITY OF WISCONSIN (608-877-2200)			
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CHANGE LETTER	CHGD BY	CHKD BY	DATE	CHANGE