

SAMPLE MULTI-FAMILY

COMPANY NAME

CLIENT NAME

CLIENT NUMBER

CLIENT EMAIL

REFERENCE # :

NET BALANCE:

10.657 IMPORT (CY)

GRADED AREA:

11.19 (AC)

487,557 (SF)

DATE

SUMMARY

Name	Area (SF)				Raw Volumes (CY)		Comp/Ratio		Compact (CY)		Net		Balance(CY)
	Total(SF)	Cut(SF)	Fill(SF)	OnGrade(SF)	Cut(CY)	Fill(CY)	Cut	Fill	Cut(CY)	Fill(CY)	Balance(CY)	Change / .1'	
Offsite	74,954	50,763	22,222	1,969	2,066	658	1.00	1.00	2,066	658	1,408	Export	278
Onsite	412,603	87,966	308,092	16,545	2,894	14,959	1.00	1.00	2,894	14,959	12,065	Import	1,520
Site Total	487,557	138,729	330,314	18,514	4,960	15,617	1.00	1.00	4,960	15,617	10,657	Import	1,798

Subgrade Sections	Plane Area(SF)	Slope Area(SF)	Depth (FT)	Volume (CY)
OFF AC Paving Coffee	18,887	18,897	1.458	1,020
OFF AC Paving Gerard	30,085	30,095	1.458	1,625
OFF PCC Driveway	2,314	2,322	1.000	86
OFF PCC Sidewalk	10,302	10,303	0.635	242
ONS AC Paving Drives	59,257	59,289	1.625	3,569
ONS AC Paving Parking	18,838	18,840	1.625	1,134
ONS Building Slab Heavy	49,523	49,527	1.000	1,835
ONS Building Slab Light	55,466	55,704	0.580	1,193
ONS Building Slab Medium	44,126	44,127	0.750	1,225
ONS PCC Decorative Paving	5,800	5,801	1.083	233
ONS PCC Driveway Commercial	769	770	1.000	29
ONS PCC Refuse Apron	792	792	1.000	30
ONS PCC Refuse Enclosure	888	888	0.833	27
ONS PCC Sidewalk	44,112	44,177	0.635	1,036
ONS PCC Valley Gutter	8,618	8,623	1.250	399
Total	349,777	350,155		13,683

Removal Items	Plane Area(SF)	Slope Area(SF)	Depth (FT)	Volume (CY)
OFF Asphalt Demolition	31,039	31,051	0.250	288

Notes

Existing Layer:

Data calculated from the following file(s):

- Civil Plans - 7-1-2022.pdf, Sheet C2.0
- Offsite Improvement Plans.pdf, Sheets C2.7 & C2.8, Plan Revision Date 8/2/2022

Design Layer:

Data calculated from the following file(s):

- Civil Plans - 7-1-2022.pdf, Sheets C7.1 & C7.2
- Offsite Improvement Plans.pdf, Sheets C4.5 & C4.6, Plan Revision Date 8/2/2022

Subgrade Sections:

01. OFF AC Paving Coffee: 3.5"/14" (C4.0)
02. OFF AC Paving Gerard: 3.5"/14" (C4.0)
03. OFF PCC Driveway: 6"/6" (C7.6)
04. OFF PCC Sidewalk: 3.625"/4" (C7.4)
05. ONS AC Paving Drives: 4"/15.5" (assumed, see Soils Report recommendation on Sheet C10.1)
06. ONS AC Paving Parking: 4"/15.5" (assumed, see Soils Report recommendation on Sheet C10.1)
07. ONS Building Slab Heavy: 6"/6" (assumed, FFE-PAD=1.0')
08. ONS Building Slab Light: 4"/3" (assumed, FFE-PAD=0.58')
09. ONS Building Slab Medium: 5"/4" (assumed, FFE-PAD=0.75')
10. ONS PCC Decorative Paving: 7"/6" (assumed, see Soils Report recommendation on Sheet C10.1)
11. ONS PCC Driveway Commercial: 6"/6" (C9.1)
12. ONS PCC Refuse Apron: 6"/6" (C9.0)
13. ONS PCC Refuse Enclosure: 4"/6" (C9.0)
14. ONS PCC Sidewalk: 3.625"/4" (C9.0)
15. ONS PCC Valley Gutter: 7"/8" (C8.0)

Removal Items:

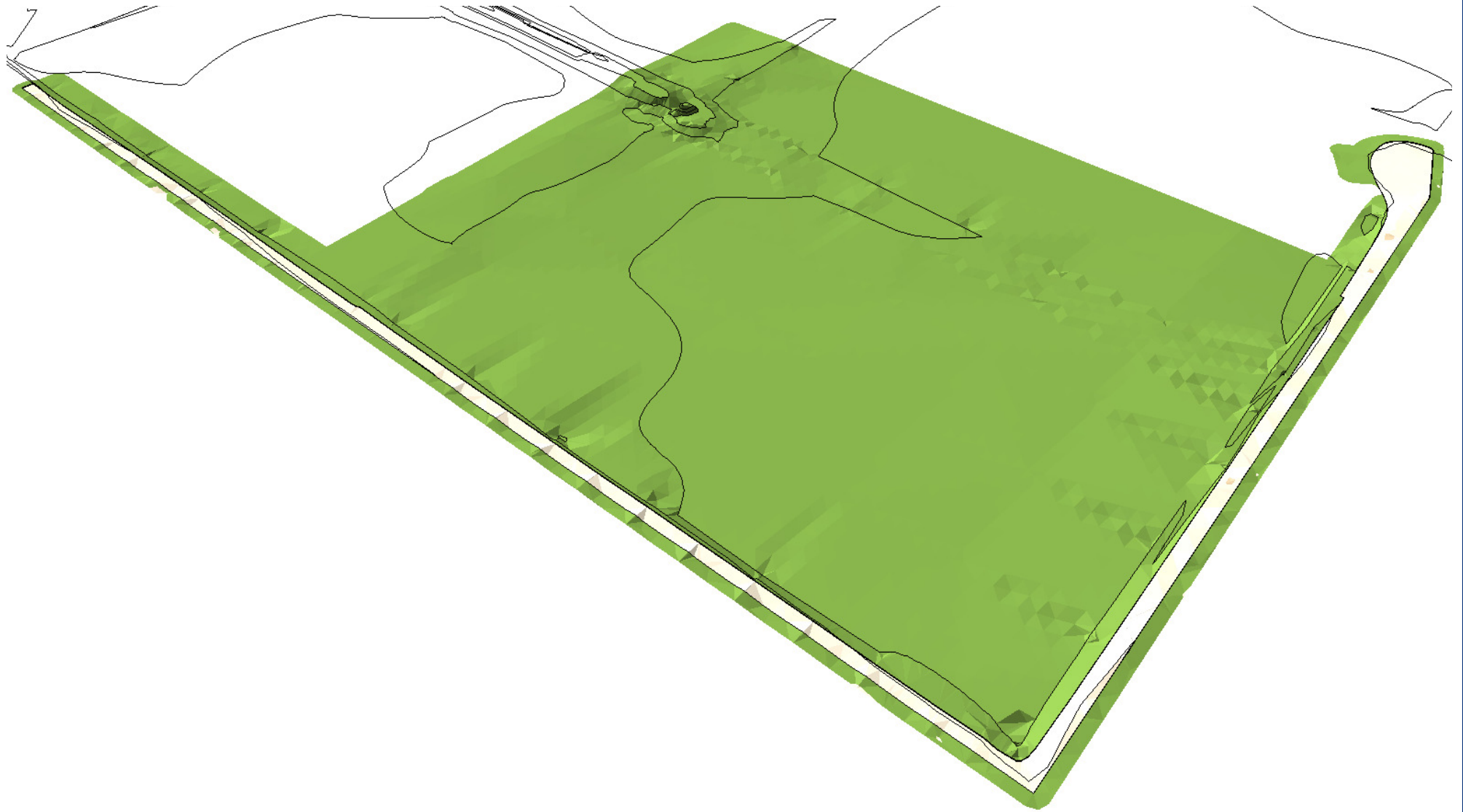
Demolition was removed before volumes were calculated and needs to be stockpiled or off-hauled.

01. OFF Asphalt Demolition: 3" (assumed)

Areas of Concern:

01. Not all the Offsite Plan Sheets were provided. Only the Sheets related to Gerard and Coffee were provided. The Offsite scope of work was limited to those two streets.

Name	Area (SF)				Raw Volumes (CY)		Comp/Ratio		Compact (CY)		Net		Balance(CY)
	Total(SF)	Cut(SF)	Fill(SF)	OnGrade(SF)	Cut(CY)	Fill(CY)	Cut	Fill	Cut(CY)	Fill(CY)	Balance(CY)	Change / .1'	
OFF AC Paving Coffee	18,887	18,869	0	18	793	0	1.00	1.00	793	0	793	Export	70
OFF AC Paving Gerard	30,085	30,037	4	44	1,252	0	1.00	1.00	1,252	0	1,252	Export	111
Subtotal:	48,972	48,906	4	62	2,045	0	1.00	1.00	2,045	0	2,045	Export	181
OFF Landscape Areas	13,365	156	12,491	718	2	443	1.00	1.00	2	443	441	Import	50
OFF PCC Driveway	2,315	1,053	536	726	12	4	1.00	1.00	12	4	8	Export	9
OFF PCC Sidewalk	10,302	648	9,191	463	7	211	1.00	1.00	7	211	204	Import	38
Subtotal:	12,617	1,701	9,727	1,189	19	215	1.00	1.00	19	215	196	Import	47
ONS AC Paving Drives	59,257	52,720	863	5,674	1,794	43	1.00	1.00	1,794	43	1,751	Export	219
ONS AC Paving Parking	18,839	13,830	2,049	2,960	606	17	1.00	1.00	606	17	589	Export	73
Subtotal:	78,096	66,550	2,912	8,634	2,400	60	1.00	1.00	2,400	60	2,340	Export	292
ONS Building Slab Heavy	49,523	0	49,462	61	0	2,020	1.00	1.00	0	2,020	2,020	Import	184
ONS Building Slab Light	55,464	3,903	49,905	1,656	72	1,612	1.00	1.00	72	1,612	1,540	Import	196
ONS Building Slab Medium	44,125	0	44,125	0	0	2,632	1.00	1.00	0	2,632	2,632	Import	165
Subtotal:	149,112	3,903	143,492	1,717	72	6,264	1.00	1.00	72	6,264	6,192	Import	545
ONS Landscape Areas	124,415	4,765	116,384	3,266	119	6,848	1.00	1.00	119	6,848	6,729	Import	451
ONS PCC Decorative Paving	5,800	4,611	599	590	109	8	1.00	1.00	109	8	101	Export	21
ONS PCC Driveway Commercial	769	0	767	2	0	11	1.00	1.00	0	11	11	Import	3
ONS PCC Refuse Apron	792	159	595	38	12	11	1.00	1.00	12	11	1	Export	5
ONS PCC Refuse Enclosure	888	180	675	33	16	18	1.00	1.00	16	18	2	Import	5
ONS PCC Sidewalk	44,113	1,648	41,730	735	45	1,732	1.00	1.00	45	1,732	1,687	Import	166
ONS PCC Valley Gutter	8,618	6,150	938	1,530	121	7	1.00	1.00	121	7	114	Export	32
Subtotal:	60,980	12,748	45,304	2,928	303	1,787	1.00	1.00	303	1,787	1,484	Import	232
Site Total	487,557	138,729	330,314	18,514	4,960	15,617	1.00	1.00	4,960	15,617	10,657	Import	1,798



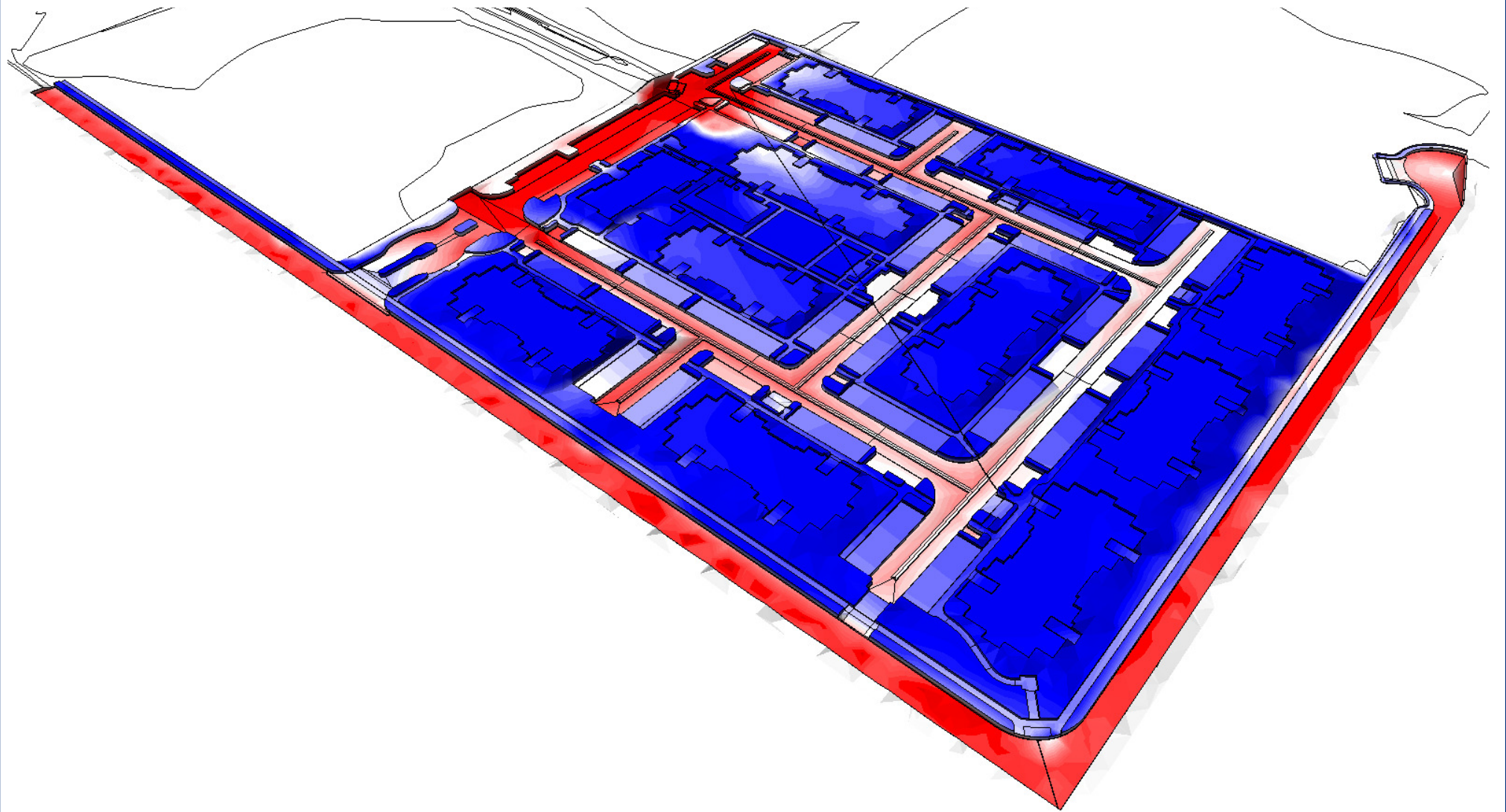
STRIPPING / DEMOLITION DEPTHS



SAMPLE MULTI-FAMILY

EXISTING





SAMPLE MULTI-FAMILY

PROPOSED





81.63	81.56	81.42	81.28	81.53	81.46	81.61	81.77	81.56	81.83	81.76	81.74	81.86	81.84	82.01	81.85	82.03	82.08	82.19	82.21	82.23	82.25	82.28	82.28	82.35	82.32	82.36	82.39	82.35	82.54	82.36	82.52	82.52	82.36	82.57	82.39	82.44	82.50	82.40	82.49	82.48	82.68
C1+14	C1+10	C1+28	C1+44	C1+20	C1+36	C1+31	C1+29	C1+56	C1+34	C1+43	C1+42	C1+21	C1+26	C1+15	C1+33	C1+19	C1+17	C1+09	C1+11	C1+19	C1+21	C1+25	C1+29	C1+05	C1+11	C1+14	C1+20	C1+28	C1+10	C1+38	C1+27	C1+30	C1+43	C1+31	C1+42	C1+41	C1+36	C1+39	C1+23	C1+41	C1+40
82.77	82.66	82.70	82.72	82.73	82.82	82.92	83.06	83.12	83.17	83.19	83.16	83.07	83.10	83.16	83.16	83.22	83.25	83.28	83.32	83.42	83.46	83.53	83.57	83.40	83.43	83.50	83.59	83.63	83.64	83.74	83.79	83.82	83.70	83.88	83.81	83.85	83.86	83.79	83.72	83.89	84.08
81.47	82.45	83.17	83.23	83.27	83.42	83.35	83.41	83.57	83.54	83.64	83.61	83.72	83.65	83.75	83.77	84.04	84.01	84.11	84.15	84.12	84.18	83.54	83.24	83.26																	
C1+26	F0+71	F1+17	F1+27	F1+32	F1+49	F1+42	F1+57	F1+63	F1+59	F1+65	F1+34	F1+30	F1+38	F1+62	F1+00	F1+24	F1+47	F1+29	F1+32	F1+29	F1+45	F0+62	F0+24	F0+34																	
82.73	81.73	82.00	81.96	81.95	81.85	81.93	81.84	81.94	81.95	81.99	82.27	82.42	82.27	82.13	82.77	82.80	82.54	82.82	82.63	82.83	82.73	82.92	83.00	83.00																	
81.64	83.43	83.66	83.26	83.36	82.35	82.55	83.49	83.25	83.25	83.98	83.25	83.25	83.44	81.44	82.55	84.78	84.03	84.57	84.05	84.05	84.72	83.42	83.03	82.70																	
C1+21	F1+43	F1+73	F1+40	F1+54	F0+73	F0+72	F1+67	F1+41	F1+38	F2+06	F1+29	F1+27	F1+34	C0+70	C0+60	F2+23	F1+58	F2+00	F1+46	F1+44	F2+11	F0+45	C0+60	C0+30																	
82.85	82.00	81.93	81.85	81.82	81.82	81.83	81.82	81.84	81.87	81.92	81.96	81.98	82.00	82.14	82.51	82.55	82.45	82.57	82.59	82.61	82.61	82.97	83.00	83.00																	
81.44	83.32	83.25	83.25	83.25	82.55	82.55	83.64	83.25	83.25	83.25	83.25	83.25	83.41	81.42	82.55	84.05	84.05	84.05	84.05	84.05	84.05	83.18	84.24	82.37																	
C1+28	F1+38	F1+40	F1+49	F1+54	F0+84	F0+83	F1+91	F1+50	F1+45	F1+39	F1+35	F1+31	F1+42	C0+66	F0+30	F1+76	F1+73	F1+71	F1+69	F1+67	F1+55	F0+24	F1+24	C0+63																	
82.72	81.94	81.85	81.76	81.71	81.71	81.72	81.73	81.75	81.80	81.86	81.90	81.94	81.99	82.08	82.25	82.29	82.32	82.34	82.36	82.38	82.50	82.94	83.00	83.00																	
81.49	83.23	83.98	83.25	83.95	82.55	82.55	83.70	83.25	83.98	83.57	83.85	83.25	83.45	81.40	82.55	84.35	83.70	84.40	84.58	84.05	84.35	83.82	82.27	81.85																	
C1+23	F1+37	F2+19	F1+51	F2+30	F0+89	F0+88	F2+03	F1+53	F2+21	F1+74	F1+98	F1+32	F1+47	C0+63	F0+48	F2+24	F1+55	F2+23	F2+36	F1+82	F1+92	F0+77	C0+73	C1+18																	
82.72	81.86	81.79	81.74	81.65	81.66	81.67	81.67	81.72	81.77	81.83	81.87	81.93	81.98	82.03	82.07	82.11	82.15	82.17	82.20	82.23	82.43	82.85	83.00	83.03																	
81.40	83.16	83.95	83.25	83.66	81.40	81.30	81.52	81.54	82.55	82.55	82.10	81.50	81.51	81.33	84.41	83.35	83.35	84.09	83.35	83.35	82.31	82.47	82.20	82.03																	
C1+21	F1+19	F2+08	F1+40	F1+57	F0+81	C0+40	C0+16	C0+20	F0+76	F0+70	F0+26	C0+44	C0+47	C0+68	F2+39	F1+29	F1+27	F1+39	F1+21	F1+02	C0+25	C0+39	C0+65	C1+12																	
82.61	81.97	81.87	81.77	81.69	81.69	81.70	81.68	81.73	81.79	81.85	81.90	81.94	81.98	82.01	82.02	82.06	82.08	82.10	82.14	82.33	82.56	82.86	83.05	83.15																	
81.00	83.09	83.17	83.26	83.92	83.92	81.32	82.55	82.55	82.55	83.66	81.14	82.95	82.55	82.55	82.55	82.55	82.55	83.37	82.55	82.55	81.52	83.69	81.21	80.88																	
C1+24	F1+11	F1+27	F1+44	F1+19	F1+29	C0+38	F0+87	F0+83	F0+75	F1+79	C0+78	F1+00	F0+59	F0+58	F0+56	F0+56	F0+54	F1+28	F0+27	C0+60	C1+19	F0+74	C1+94	C2+40																	
82.24	81.98	81.90	81.81	81.73	81.73	81.70	81.68	81.72	81.80	81.87	81.82	81.84	81.96	81.97	81.99	81.99	82.01	82.09	82.28	82.48	82.71	82.95	83.15	83.28																	
81.23	83.02	83.94	83.25	83.92	81.52	83.82	83.43	83.56	83.49	82.55	81.25	82.65	83.75	82.90	83.62	83.90	83.00	83.59	83.40	83.76	84.06	84.17	81.84	81.27																	
C1+21	F1+50	F2+36	F1+51	F2+16	C0+20	F1+92	F1+76	F1+83	F1+70	F0+68	C0+66	F0+64	F1+83	F0+96	F1+68	F1+96	F1+05	F1+47	F1+05	F1+17	F1+26	F1+25	C1+33	C2+13																	
82.44	81.52	81.58	81.74	81.76	81.72	81.70	81.87	81.79	81.79	81.87	81.91	81.91	81.92	81.94	81.94	81.95	82.12	82.35	82.59	82.80	82.92	83.17	83.40																		
80.93	82.90	83.88	83.98	83.73	82.55	82.55	83.59	83.00	83.00	82.55	81.34	82.55	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.84	84.12	84.22	83.83	81.83	81.30																
C1+25	F0+92	F1+98	F2+21	F2+08	F0+98	F0+98	F1+96	F1+33	F1+25	F0+76	C0+44	F0+76	F1+16	F1+10	F1+05	F1+01	F0+91	F1+51	F1+57	F1+42	F0+83	C1+43	C2+22																		
82.18	81.98	81.90	81.77	81.65	81.67	81.65	81.63	81.67	81.75	81.79	81.78	81.79	81.80	81.84	81.90	81.95	81.99	82.09	82.33	82.55	82.80	83.00	83.26	83.52																	
81.17	82.83	83.25	83.25	83.25	82.55	82.55	83.69	83.00	83.00	82.55	81.26	82.55	83.98	83.35	83.96	83.26	83.00	84.06	83.55	84.22	84.22	83.84	81.84	81.33																	
C0+80	F1+01	F1+46	F1+59	F1+72	F0+98	F0+96	F2+12	F1+38	F1+34	F0+90	C0+98	F0+90	F2+28	F1+60	F2+16	F1+41	F1+08	F2+00	F1+28	F1+74	F1+49	F0+79	C1+54	C2+29																	
81.97	81.82	81.82	81.66	81.53	81.57	81.59	81.57	81.62	81.66	81.65	81.64	81.65	81.70	81.75	81.80	81.85	81.92	82.06	82.27	82.48	82.73	83.05	83.38	83.62																	
81.09	82.75	83.25	83.25	83.25	82.55	82.55	83.59	83.00	83.00	83.00	81.16	82.23	83.24	82.75	83.39	83.39	83.76	84.13	84.31	84.22	84.22	83.84	81.83	81.26																	
C1+00	F1+44	F1+86	F1+79	F1+83	F1+10	F1+08	F2+07	F1+47	F1+43	F1+51	C0+95	F0+91	F1+74	F1+11	F1+68	F1+60	F1+89	F2+10	F2+09	F1+80	F1+53	F0+73	C1+63	C2+49																	
82.09	81.31	81.39	81.46	81.42	81.45	81.49	81.52	81.53	81.52	81.51	81.51	81.55	81.60	81.64	81.71	81.79	81.87	82.03	82.22	82.42	82.60	83.11	83.46	83.77																	
80.63	82.67	83.89	83.25	83.65	81.52	83.52	83.58	83.00	83.00	83.07	81.13	82.21	83.33	82.74	83.38	83.39	82.97	83.37	83.82	84.22	84.22	83.79	81.78	81.33																	
C1+21	F0+80	F2+14	F1+67	F2+22	C0+60	C0+60	F2+09	F1+53	F1+54	F1+51	C0+45	F0+89	F1+85	F1+84	F1+80	F1+83	F1+02	F1+31	F1+57	F1+77	F1+57	F0+72	C1+60	C2+31																	
81.84	81.87	81.75	81.58	81.43	81.45	81.49	81.49	81.47	81.46	81.46	81.58	81.64	81.68	81.70	81.78	81.86	81.95	82.06	82.25	82.45	82.65	83.07	83.38	83.64																	
80.95	82.58	83.31	83.25	83.00	82.55	82.55	82.96	83.00	83.35	82.55	81.25	82.55	83.79	83.00	83.00	83.82	83.00	83.00	84.15	84.53	83.77	83.73	81.75	81.39																	
C1+22	F0+71	F1+51	F1+62	F1+59	F1+06	F1+08	F1+52	F1+57	F1+87	F0+98	C0+45	F0+75	F1+96	F1+20	F1+11	F1+84	F0+92	F0+82	F1+88	F2+08	F1+19	F0+74	C1+37	C1+97																	
82.17	81.87	81.80	81.63	81.47	81.49	81.47	81.44	81.43	81.48	81.57	81.70	81.80	81.83	81.80	81.89	81.98	82.08	82.18	82.30	82.45	82.58	82.99	83.12	83.36																	
80.63	82.49	83.98	83.25	83.86	82.55	82.55	83.72	83.00	83.00	82.55	81.35	82.55	83.00	83.00	83.00	83.00	83.00	83.00	83.00	84.01	83.96	83.49	81.75	81.49																	
C1+25	F0+58	F2+41	F1+67	F2+28	F0+95	F0+94	F2+17	F1+39	F1+35	F0+82	C0+89	F0+58	F1+02	F1+14	F1+00	F0+81	F0+68	F0+60	F0+50	F1+33	F0+72	F0+66	C1+24	C1+84																	
81.88	81.91	81.57	81.59	81.58	81.60	81.61	81.58	81.61	81.65	81.73	81.84	81.97	81.98	81.86	82.00	82.19	82.32	82.40	82.50	82.68	83.24	82.83	82.99	83.43																	
80.64	82.41	83.79	83.98	83.81	81.82	82.55	83.48	83.99	83.85	82.55	81.25	82.55	83.76	83.00	83.00	83.79	83.00	83.00	83.79	83.56	83.52	83.17	81.53	81.31																	
C1+18	F0+43	F2+21	F2+40	F2+21	C0+60	F1+03	F1+95	F2+34	F1+99	F0+61	C0+75	F0+55	F1+76	F0+75	F1+00	F1+68	F0+52	F0+25	F0+93	F0+44	C0+50	C2+84	C4+47	C4+69																	
81.82	81.98	81.59	81.58	81.60	81.57	81.52	81.53	81.64	81.86	81.94	82.00	82.00	82.00	82.25	82.00	82.11	82.48	82.75	82.86	83.12	84.02	86.01	86.00	86.00																	
80.64	82.32	83.25	83.25	83.25	81.52	81.96	82.55	82.55	82.55	83.68	81.16	82.72	82.55	82.55	81.61	82.55	82.55	83.72	82.55	82.55	82.55	82.90	81.38	82.14																	
C1+08	F0+49	F1+58	F1+94	F1+85	F0+14	C0+60	F1+22	F1+04	F0+77	F1+75	C0+70	F0+78	F0+57	F0+71	C0+38	F0+55	F0+51	F1+33	C0+60	C0+48	C1+10	C2+97	C2+16																		
81.72	81.83	81.67	81																																						