

JOB: 8823 Dollar General Leighton SECTION: A1 Grading Pg 4 (121817) 30s
 Grid Size: 2.00 X 2.00 Ft Subgrid Size: 1.00 X 1.00
 Section Size: 457.1 X 415.2 Ft
 Area of Cut: 49026 SqFt Area of Fill: 32842 SqFt Total Work Area: 82222 SqFt
 (Cut Area Threshold: 0.01Ft Fill Area Threshold: 0.01Ft)

Section Balance Analysis

	Bank (CY)	Compacted (CY)	Expanded (CY)
Fill Required		3629	
Repl Topsoil Rqd		720	
Stripping Total	1449	1449	1449
Cut Total	3792	3792	3792
Fill Obtained On Site	3629	3629	3629
Repl Topsoil Obtained On Site	720	720	720
Import Repl Topsoil		0	
Import Fill		0	
Export Stripping		729	729
Export Fill		163	163
Total Export		893	893

Cut Quantity by Stratum

	Earth	Rock
Bank Cut (CY)	3792	0
Compacted Cut (CY)	3792	0
Expanded Cut (CY)	3792	0
Bank Strip (CY)	1449	0
Cmpcted Strip (CY)	1449	0
Expanded Strip (CY)	1449	0

Shrinkage and Expansion

	Earth	Rock
Shrinkage (%)	0	0
Expansion (%)	0	0
Repl Topsoil Shrink (%)	0	

Section Strip Area Report

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#	Desc	Strip			
1	Topsoil	.5			
	Topsoil		Area =	76445 SqFt	Balance Change per Ft = 2831 CY
			Material	Thickness Ft	Volume CY
			Topsoil	.5	1416.
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Totals for Strip Area # 1			Area =	76445 SqFt	Balance Change per Ft = 2831 CY
			Material		Volume CY
			Topsoil		1416

#	Desc	Strip			
6	Concrete	.33			
	Concrete		Area =	1536 SqFt	Balance Change per Ft = 57 CY
			Material	Thickness Ft	Volume CY
			Concrete	.33	19.
<hr/>					
			Area =	1104 SqFt	Balance Change per Ft = 41 CY
			Material	Thickness Ft	Volume CY
			Concrete	.33	13.
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			Area =	332 SqFt	Balance Change per Ft = 12 CY
			Material	Thickness Ft	Volume CY
			Concrete	.33	4.
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			Area =	428 SqFt	Balance Change per Ft = 16 CY
			Material	Thickness Ft	Volume CY
			Concrete	.33	5.
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			Area =	268 SqFt	Balance Change per Ft = 10 CY
			Material	Thickness Ft	Volume CY
			Concrete	.33	3.
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Totals for Strip Area # 6			Area =	3668 SqFt	Balance Change per Ft = 136 CY
			Material		Volume CY

Section Strip Area Report

JOB: 8823 Dollar General Leighton SECTION: A1 Grading Pg 4 (121817) 30s
Concrete 45

#	Desc	Strip
10	NoStrip	.
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Totals forStrip Area # 10	Area =	3308 SqFt
	Balance Change per Ft =	123 CY

Desc
ALL Strip Areas
<hr/>
Area = 83421 SqFt
Balance Change per Ft = 3090 CY
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Material Volume CY
Topsoil 1416
Concrete 45

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#	Desc	Repl Top (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
1	L_Site	.5	1149	612	612	0
			Bank	612	612	0
			Compacted	612	612	0

Totals for Subgrade # 1 Area = 18584 SqFt Balance Change per Ft = 688 CY

#	Desc	Depth (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
2C_Pad&Dump		1.17	178	0	0	0
			Bank	0	0	0
			Compacted	0	0	0

Totals for Subgrade # 2 Area = 821 SqFt Balance Change per Ft = 30 CY

#	Desc	Depth (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
3	C_Swalk	.68	115	55	55	0
			Bank	55	55	0
			Compacted	55	55	0

Totals for Subgrade # 3 Area = 1532 SqFt Balance Change per Ft = 57 CY

#	Desc	Depth (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
4	P_Site HD	1.04	507	735	735	0
			Bank	735	735	0
			Compacted	735	735	0

Totals for Subgrade # 4 Area = 15073 SqFt Balance Change per Ft = 558 CY

#	Desc	Elevation (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
6	B_Build	979.83	945	59	59	0
			Bank	59	59	0
			Compacted	59	59	0

Totals for Subgrade # 6 Area = 9316 SqFt Balance Change per Ft = 345 CY

#	Desc	Repl Top (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
7	Swale 3	.5	0	145	145	0
			Bank	145	145	0
			Compacted	145	145	0

Totals for Subgrade # 7 Area = 2680 SqFt Balance Change per Ft = 99 CY

#	Desc	Depth (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
8	P_Site SD	.87	30	498	498	0
			Bank	498	498	0
			Compacted	498	498	0

Totals for Subgrade # 8 Area = 6399 SqFt Balance Change per Ft = 237 CY

#	Desc	Repl Top (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
12	Bsn_Basin	.5	707	305	305	0
			Bank	305	305	0
			Compacted	305	305	0

Totals for Subgrade # 12 Area = 12284 SqFt Balance Change per Ft = 455 CY

#	Desc	Elevation (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
1	Bsn_Rain Grd	963.	0	1065	1065	0
			Bank	1065	1065	0
			Compacted	1065	1065	0

Section Subgrade Report

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 Totals for Subgrade # 13 Area = 7801 SqFt Balance Change per Ft = 289 CY

#	Desc	Repl Top (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
15	Swale 1	.5	0 Bank	243	243	0
			Compacted	243	243	0

 Totals for Subgrade # 15 Area = 5369 SqFt Balance Change per Ft = 199 CY

#	Desc	Depth (Ft)	Fill (CY)	Cut (CY)	Earth	Rock
16	Swale 2	.5	0 Bank	76	76	0
			Compacted	76	76	0

 Totals for Subgrade # 16 Area = 2448 SqFt Balance Change per Ft = 91 CY

#	Desc	Fill (CY)	Cut (CY)	Earth	Rock
30	NoWorkNo Work	0 Bank	0	0	0
		Compacted	0	0	0

 Totals forSubgrade # 30 Area = 1151 SqFt Balance Change per Ft = 43 CY

Desc	Fill (CY)	Cut (CY)	Earth	Rock
ALL Subgrades	3630 Bank	3792	3792	0
	Compacted	3792	3792	0

 Area = 83457 SqFt Balance Change per Ft = 3091 CY

3-D Tools

Refresh

Auto

View

- Surface
- Color
- TIN
- Color
- Grades
- Subgrades
- No-Work as Existing

Zoom : Pan

Lock

1.983

Zoom In Zoom Out

Full Screen

Tilt : Rotate

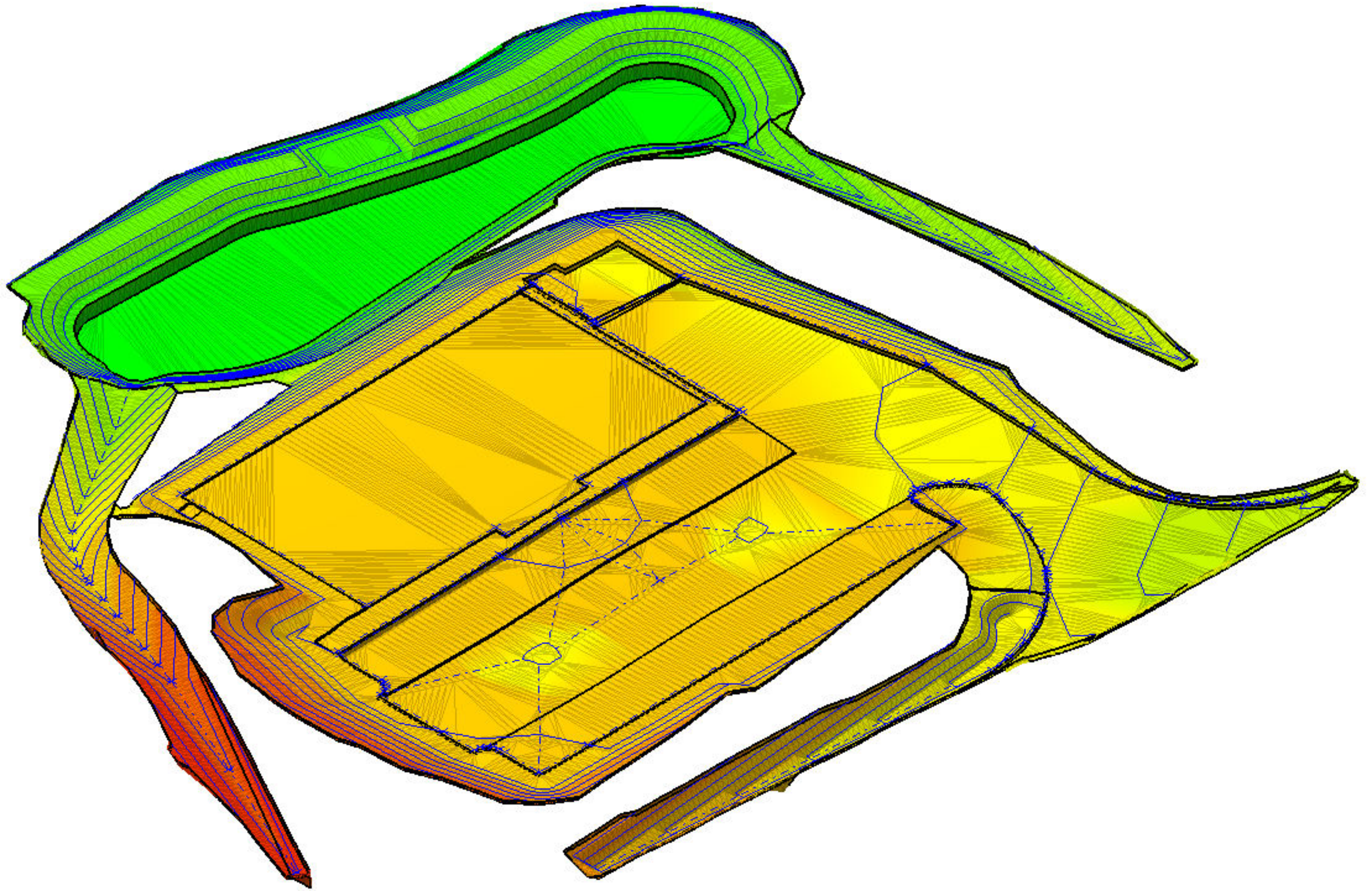
Lighting

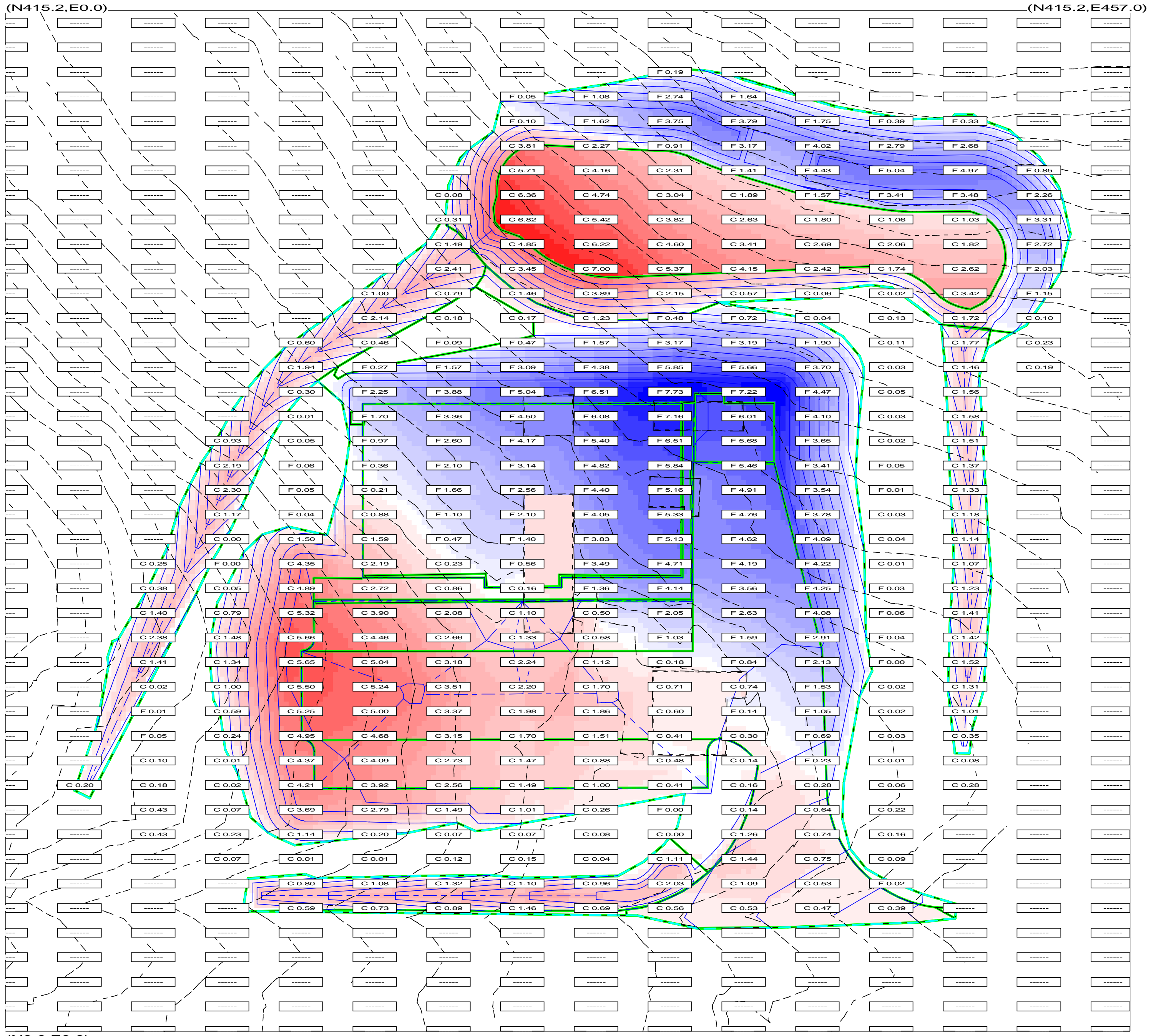
Trimming

Drive / Fly

SG Quality

Legend





Existing GRIDS:
 Proposed Cut & Fill Depth

JOB: 8823 Dollar General Lehighton
 SECTION: A1 Grading Pg 4 (121817) 30scale
 X-SCALE: 30. ft/in
 Y-SCALE: 30. ft/in
 RUN DATE: 02-23-2018 RUN TIME: 15:51:15
 COMPANY: Walsh Estimating
 ESTIMATOR: Ed Walsh