

Residence

Line Road

Township, New Jersey

Prepared: 8/5/2017

Version 1.0

This takeoff has been prepared by *Walsh Estimating Service*, a division of Maracorp International:

Although we have been careful to assure that all items are correct, we make no guarantee beyond the cost of our work. The contractor has the final responsibility for completeness and accuracy in the preparation of his bid.

By acceptance of this takeoff, the purchaser agrees to the following statement:

"I do hereby release and hold harmless Walsh Estimating Service, Maracorp International, Ed Walsh, and his employees from any and all errors and omissions beyond the invoiced value of services rendered."

Prepared For:

House Builder

	ITEM	UNIT	QUANT	PRICE	AMOUNT
	Residence				
	Line Road				
	Township, New Jersey				
	Prepared: 8/5/2017				
	Walsh Estimating Job No. 217319				
<p>This takeoff has been prepared by <i>Walsh Estimating Service</i>, a division of Maracorp International:</p> <p>Although we have been careful to assure that all items are correct, we make no guarantee beyond the cost of our work. The contractor has the final responsibility for completeness and accuracy in the preparation of his bid.</p> <p>By acceptance of this takeoff, the purchaser agrees to the following statement:</p> <p><i>"I do hereby release and hold harmless Walsh Estimating Service, Maracorp International, Ed Walsh, and his employees from any and all errors and omissions beyond the invoiced value of services rendered."</i></p>					
	NOTES:				
	1. Specifications have not been reviewed.				
	2. Pavement and Landscape areas from earthwork are not to be used for exact quantities (e.g. curbed islands and sidewalks are included within pavement/landscape surface areas)				
	3. Earthwork File Name(s): Residence (Sect A1-A3)				
	4. Length/Area File Name(s): Residence				
	5. Addendum included - None				
	6. Prices are BUDGET ONLY and need to be verified with your vendors, sub contractors and company requirements.				
GC.	GENERAL CONDITIONS				
	Bonding and Insurance	LS	1		
	Mobilization / Demobilization	LS	1		
	Surveys, Stake Out and Bench Marks	LS	1		
	Site Safety and Security	LS	1		
	Traffic Control Measures	LS	1		
	Site Cleanliness and Debris removal	LS	1		
	Other Conditions	LS	1		
	↑	↑			
Subtotal					

	ITEM	UNIT	QUANT	PRICE	AMOUNT
I.	EROSION AND SEDIMENT CONTROL				
	<i>NOTE: No erosion control items are shown on the plans, we assumed a 15' x 50' track pad and silt fence along the low side of the grading.</i>				
	Construction Entrance Pad, 6" thick	CY	14	\$32.50	\$455.00
	Filter Fabric for construction entrance pad	SY	83	\$2.00	\$166.00
	Silt Fence, 24" high	LF	625	\$2.00	\$1,250.00
	↑	↑			
Subtotal	\$1,871.00				
II.	SITE CLEARING AND DEMOLITION				
Important	<i>NOTE: There may be an existing house on this lot since there is an existing driveway. We assume existing contours to connect through but are not shown on the plan. Existing contours stop at the new house footprint.</i>				
	Clear, Grub and Dispose Trees and Stumps	AC	0.27	\$7,150.00	\$1,930.50
	Remove Existing Driveway Apron <i>NOTE: We're not sure if this exists.</i>	SF	90		
	Remove Existing Driveway <i>NOTE: According to Google Earth, there is an existing driveway on the site, however it does not appear on the plans. Price is based on the approximate same size as the new one.</i>	LS	1	\$2,500.00	\$2,500.00
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Subtotal	\$4,430.50				

	ITEM	UNIT	QUANT	PRICE	AMOUNT
III.	EXCAVATION (All volumes are "Raw" -- no assumptions for swell or compaction)				
Important	<i>NOTE: There may be an existing house on this lot since there is an existing driveway. We assume existing contours to connect through but are not shown on the plan. Existing contours stop at the new house footprint.</i>				
	DISTURBANCE AREA	SF	51,078		
	Disturbance Area, Acres	Acre	1.17		
	↑	↑			
	Strip Topsoil, 6" thick	BCY	945	\$2.00	\$1,890.00

	SUBGRADE ASSUMPTIONS:				
	Landscape Areas	0.50'			
	Pavement Areas	0.83'			
	Terace Areas	0.67'			
	Building Areas	elev. 191.67'			
	Septic Bed	elev. 182.00'			

	UNCLASSIFIED CUT:				
	Building Basement Area with 4' clearance and 2H:1V slopes	BCY	1,535	\$2.75	\$4,221.25
	Landscape Areas	BCY	575	\$2.75	\$1,581.25
	Pavement Areas	BCY	140	\$2.75	\$385.00
	Terace Areas	BCY	37	\$2.75	\$101.75
	Septic Bed	BCY	486	\$2.75	\$1,336.50
	TOTAL CUT =	BCY	2,773		
	UNCLASSIFIED FILL:				
	Building Basement Area with 4' clearance and 2H:1V slopes	BCY			
	Landscape Areas <i>NOTE: 230 cy of the fill is basement backfill.</i>	BCY	1,193	\$2.00	\$2,386.00
	Pavement Areas	BCY	103	\$2.00	\$206.00
	Terace Areas <i>NOTE: 460 cy of the fill is basement backfill.</i>	BCY	583	\$2.00	\$1,166.00
	Building Areas <i>NOTE: 190 cy of the fill is basement backfill.</i>	BCY	245	\$2.00	\$490.00
	TOTAL FILL =	BCY	2,124		

	UNCLASSIFIED EXCESS (BORROW) =	BCY	649		

	ITEM	UNIT	QUANT	PRICE	AMOUNT

	OVERALL UNCLASSIFIED SUMMARY:				
	Unclassified Excess (<i>Borrow</i>)	BCY	649		
	Footing and Wall Excavation Excess	BCY	11		
	Pipe Trench Excess	BCY	100		
	TOTAL EXCESS (<i>BORROW</i>) =	BCY	760	\$7.50	\$5,700.00
	↑	↑			
	↑	↑			
	TOPSOIL SUMMARY:				
	Strip Volume	BCY	945		
	Required Volume, 6" thick	BCY	703		
	EXCESS (<i>BORROW</i>) TOPSOIL =	BCY	242	\$7.50	\$1,815.00
	↑	↑			
Subtotal	\$21,278.75				
IV.	GRADING AREAS				
Important	NOTE: <i>Pavement and Landscape areas from earth printout are not to be used for exact quantities (e.g. curbed islands and sidewalks are usually included within pavement/landscape surface areas)</i>				
	Grading Areas				
	Building Basement Area with 4' clearance and 2H:1V slopes	SY	986	\$0.75	\$739.50
	<i>adjust for overlap area</i>	SY	<i>(986)</i>		
	Landscape Areas	SY	4,083	\$0.75	\$3,062.25
	Pavement Areas	SY	528	\$0.75	\$396.00
	Terace Areas	SY	340	\$0.75	\$255.00
	Building Areas	SY	512	\$0.75	\$384.00
	Septic Bed	SY	212	\$0.75	\$159.00
	Total =	SY	5,675		
	<i>check</i>	<i>SY</i>	<i>5,675</i>		
	↑	↑			
Subtotal	\$4,995.75				
V.	TOPSOIL REDISTRIBUTION AREA				
	Topsoil Redistribution	SY	4,220	\$2.00	\$8,440.00
	Seed and Mulch	SY	4,220	\$1.00	\$4,220.00
	↑	↑			
Subtotal	\$12,660.00				

	ITEM	UNIT	QUANT	PRICE	AMOUNT
VI.	BUILDING EXCAVATION				
	Building Area, including terraces (for topsoil redistribution reference)	SF	7,670		
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Subtotal					
VII.	KEYSTONE RETAINING WALLS				
	Wall length	LF	27		
	Excavation	CY	20	\$4.00	\$80.00
	Backfill	CY	9	\$6.00	\$54.00
	Excess (See Mass Earthwork Overall Summary)	CY	11		
	Face Area, 3.5' average height including 1' bury	SF	95	\$23.10	\$2,194.50
	Stone behind wall, 12" thick	CY	4	\$31.70	\$126.80
	Drainage Pipe, 4" dia., if required	LF	27	\$3.50	\$94.50
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Subtotal	\$2,549.80				
VIII.	SANITARY SEWER				
	Pipe Excavation and Bedding				
	Excavation	CY	30		
	Bedding, assume 6" thick and 12" cover	CY	10	\$34.30	\$343.00
	Select Backfill	CY			
	Common Backfill	CY	20		
	Excess (See Mass Earthwork Overall Summary)	CY	10		
	Service				
	4" Cleanout Assembly in landscape	EA	3	\$115.00	\$345.00
	4" PVC SDR 35 Lateral (0'-4' deep)	LF	85	\$19.50	\$1,657.50
	Septic Tank, 1,500 gal. two-compartment tank, complete with effluent filter and (2) 24" locking bolt type frames and covers with manhole risers to grade	EA	1	\$3,350.00	\$3,350.00
	Seven Outlet Distribution Box	EA	1	\$225.00	\$225.00
	Total =	EA	2		

	ITEM	UNIT	QUANT	PRICE	AMOUNT
	Drainfield Excavation and Materials				
	Approved Concrete Sand	CY	479	\$45.00	\$21,555.00
	NJDOT #24 Clean Stone, 18" thick	CY	85	\$38.75	\$3,293.75
	4" Perforated PVC Distribution Laterals	LF	406	\$5.00	\$2,030.00
	4 " PVC Header Pipe	LF	54	\$5.00	\$270.00
	4" x 4" x 4" PVC Tee	EA	5	\$30.00	\$150.00
	4" PVC 90° Bend	EA	2	\$20.00	\$40.00
	4" PVC Bend	EA	12	\$20.00	\$240.00
	Inspection Port, 4" Perforated PVC, 18" long with 4" PVC to grade and screw cap set flush	EA	4	\$35.00	\$140.00
	Monitor Port, 4" PVC, 7' +/- long, with screw cap set flush with grade	EA	1	\$45.00	\$45.00
	Filter Fabric	SY	212	\$2.15	\$455.80
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Subtotal	\$34,140.05				
IX.	WATER				
	Pipe Excavation and Bedding				
	Excavation	CY	70		
	Bedding, assume 6" thick and 12" cover	CY	30	\$34.30	\$1,029.00
	Select Backfill	CY			
	Common Backfill	CY	50		
	Excess (See Mass Earthwork Overall Summary)	CY	30		
	Service				
	1" Tap and Corporation	EA	1	\$170.00	\$170.00
	1" Curb Stop and Box	EA	1	\$215.00	\$215.00
verify	1" Water Service Pipe NOTE: Size is assumed and length is to the curb line only. Water main may be in the middle of the street or at the intersection of High Road and Line Road.	LF	210	\$19.50	\$4,095.00
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Subtotal	\$5,509.00				

	ITEM	UNIT	QUANT	PRICE	AMOUNT
X.	TRENCHING FOR MISCELLANEOUS UTILITIES				
	Pipe Excavation and Bedding				
	Excavation	CY	160		
	Bedding, assume 6" thick and 12" cover	CY	60	\$34.30	\$2,058.00
	Select Backfill	CY			
	Common Backfill	CY	90		
	Excess (See Mass Earthwork Overall Summary)	CY	60		
	Trenching				
verify	Trenching for gas mains NOTE: Length is to the curb line only.	LF	210	\$9.00	\$1,890.00
verify	Trenching for underground electric service and telephone mains NOTE: Length is to the curb line only.	LF	210	\$13.00	\$2,730.00
	Total =	LF	420		
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Subtotal	\$6,678.00				
XI.	CONCRETE DRIVEWAY APRON AND PIERS				
	WWM Reinforced Concrete, 6" thick NOTE: We assume this is not required. The apron shown before is not shown now but the call out is still shown.	SF	129		
	Stone Base, 4" thick	SF	129		
	Excavate and Backfill piers	EA	4	\$125.00	\$500.00
	Excavate and Backfill walls	LF	32	\$12.00	\$384.00
	Gate, 14' wide NOTE: By others.	EA			
Subtotal	\$884.00				
XII.	PAVEMENT				
	Fine Grade and Compact Subgrade	SY	607	\$1.50	\$910.50
	DGA Stone Base Course, assume 4" thick	SY	607	\$5.50	\$3,338.50
	Bituminous Stabilized Base Course, assume 0" thick	SY	607		
	Bituminous Wearing Course, assume 2" thick	SY	607	\$16.50	\$10,015.50
Subtotal	\$14,264.50				
	TOTAL				\$109,261.35