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Engineering Appendix

to the Cost Segregation Study

Car Wash

Sample: Express Car Wash (Operating Facility)

Prepared For
Property Owner
Property Owner

Prepared By
SmartCostSeg LLC
SmartCostSeg Team

Report
SCS-LPCS-MKC4G4 (v1)
Reference LPCS-MKC4G4

Dates
Placed in service April 1, 2026
Prepared September 1, 2026



A car wash building with a drive through tunnel entrance and signage above the opening. Representative of the building type; not this property.

Photo: Henry Wagner via Pexels (Pexels License).

Computed under law as of 2026-07, engine v0.1. Tax year 2026. Stated position: Middle of the Road. This study supports the depreciation positions taken on the taxpayer's return; it is not a tax return and it is not legal advice.

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Sections appear in the order listed. The Part numbers are the study's part structure; the Element numbers are the 13 principal elements of a quality study that IRS Publication 5653 describes. A part is present only when it has real content, so a study without a recorded interview, a supplied take off, a look back adjustment, a like kind exchange, a renovation part, separately stated indirect costs or site photographs omits those parts entirely rather than printing an empty page.

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Letter of Transmittal

September 1, 2026

Property Owner

Dear Property Owner,

Enclosed is the cost segregation study for Sample: Express Car Wash (Operating Facility), a Car Wash placed in service on April 1, 2026. The study separates the components of the property into their MACRS recovery classes so that personal property and land improvements are depreciated over their own recovery periods rather than over the 39 year life of the building shell.

Land was determined first and removed from the purchase price. The remaining depreciable building basis of $1,837,500 was allocated across 21 asset rows using the modeled residual method. The allocation reconciles exactly: the schedule totals $1,837,500, which equals the building basis to the dollar at every position, and Part 10 states for each row its system, its character, its asset class, its rationale and its authority.

The study was run at the Conservative, Middle of the Road and Aggressive positions on one land value, and the Middle of the Road position is the one stated in the year by year table of Part 1, on the Form 4562 map and in the fixed asset file. At that position $1,286,250 (70.0%) of the basis is reclassified into short life classes; the first year deduction with the study is $1,837,500 against $33,424 without it, a difference of $1,804,076 (Conservative $1,804,076, Aggressive $1,804,076).

SmartCostSeg does not prepare tax returns and does not provide legal advice. Your CPA or tax preparer files the return, decides which elections to make, and applies the passive activity and loss limitation rules to your situation; the CPA Next Steps section lists what this study hands to that process.

Reviewed by: ________________________ SmartCostSeg Team Date: _______________

SmartCostSeg Team
SmartCostSeg LLC

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Part 1: Executive Summary (1 of 2)

DEPRECIABLE BUILDING BASIS	RECLASSIFIED TO SHORT LIFE (MIDDLE OF THE ROAD)	SHARE OF BASIS RECLASSIFIED
$1,837,500	**$1,286,250**	**70.0%**

ADDITIONAL FIRST-YEAR DEDUCTION	EST. FIRST-YEAR TAX SAVINGS AT 32%	LAND ALLOCATION (25.0% OF PRICE)
$1,804,076	**$577,304**	**$612,500**

Allocation by Recovery Class at the Three Positions

Recovery Class	Life	Conservative	Middle of the Road (stated)	Aggressive
5-Year Personal Property (§1245)	5	$612,500	$857,500	$1,102,500
15-Year Land Improvements	15	$98,000	$137,200	$176,400
15-Year Asset Class 57.1 (Car Wash Buildings and Related Land Improvements)	15	$1,127,000	$842,800	$558,600
Total Depreciable Building Basis		**$1,837,500**	**$1,837,500**	**$1,837,500**

The Three Positions

Position	Short-Life Share	§168(k) Allowance	First Year With Study	Without Study	Additional	Est. Tax Savings
Conservative	50.0%	$1,837,500	$1,837,500	$33,424	$1,804,076	$577,304
Middle of the Road (stated)	70.0%	$1,837,500	$1,837,500	$33,424	$1,804,076	$577,304
Aggressive	90.0%	$1,837,500	$1,837,500	$33,424	$1,804,076	$577,304

The three positions run the asset model and the MACRS engine on one land value; the Middle of the Road position is stated in the year by year table on the next page, on the Form 4562 map and in the fixed asset file, with the other two beside it in every table. Tax savings use the 32% combined rate stated in the assumptions.

We do not prepare tax returns or provide legal advice. Please consult your CPA, tax preparer, or attorney regarding the implementation of the Cost Segregation Study.
We cannot guarantee tax savings or financial results. Actual benefits depend on your specific tax situation.

Part 1: Executive Summary (2 of 2)

At a Glance, Year by Year (Middle of the Road position)

Year	Calendar year	With study	Without study	Difference	Cumulative difference
1	2026	$1,837,500	$33,424	$1,804,076	$1,804,076
2	2027	$0	$47,114	$(47,114)	$1,756,962
3	2028	$0	$47,113	$(47,113)	$1,709,849
4	2029	$0	$47,114	$(47,114)	$1,662,735
5	2030	$0	$47,113	$(47,113)	$1,615,622
6	2031	$0	$47,114	$(47,114)	$1,568,508
7	2032	$0	$47,113	$(47,113)	$1,521,395
8	2033	$0	$47,114	$(47,114)	$1,474,281
9	2034	$0	$47,113	$(47,113)	$1,427,168
10	2035	$0	$47,114	$(47,114)	$1,380,054
11	2036	$0	$47,113	$(47,113)	$1,332,941
12	2037	$0	$47,114	$(47,114)	$1,285,827
13	2038	$0	$47,113	$(47,113)	$1,238,714
	Years 14 to 40	$0	$1,238,714	$(1,238,714)	$0

The comparison runs 40 years and nets to zero over the full recovery: the study changes when depreciation is taken, not how much. The fixed asset import file carries every row with its class, method, convention and placed in service date, from which depreciation software produces each year.

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Part 1A: The Land Question and the Nine Positions

The three positions describe the building only. Land is carved out first and never depreciates, so the less of the price assigned to land, the more there is to depreciate: a low land value is the aggressive land position and a high land value is the conservative one. The grid runs the whole model at a higher and a lower land value as well as the engineering estimate; 9 positions are shown, ranked by first year benefit.

Rank	Land allocation	Land	Classification position	Depreciable basis	Additional year 1 deduction	Est. year 1 tax saving
1 (tie)	Low land (more to depreciate)	$551,250	Conservative	$1,898,750	$1,864,212	$596,548
2 (tie)	Low land (more to depreciate)	$551,250	Middle of the Road	$1,898,750	$1,864,212	$596,548
3 (tie)	Low land (more to depreciate)	$551,250	Aggressive	$1,898,750	$1,864,212	$596,548
4 (tie)	Engineering estimate	$612,500	Conservative	$1,837,500	$1,804,076	$577,304
5 (tie)	Engineering estimate (recommended)	$612,500	Middle of the Road	$1,837,500	$1,804,076	$577,304
6 (tie)	Engineering estimate	$612,500	Aggressive	$1,837,500	$1,804,076	$577,304
7 (tie)	High land (less to depreciate)	$673,750	Conservative	$1,776,250	$1,743,940	$558,061
8 (tie)	High land (less to depreciate)	$673,750	Middle of the Road	$1,776,250	$1,743,940	$558,061
9 (tie)	High land (less to depreciate)	$673,750	Aggressive	$1,776,250	$1,743,940	$558,061

The three classification positions produce the same first year figure at every land allocation on this property: every reclassified class, including the wash building in asset class 57.1, is bonus eligible in the placed in service year, so the position changes the split between the 5 year and 15 year classes and the §1245 exposure in Part 13, not the year one deduction. Equal cells are listed Conservative first.

The land allocation on its own: holding the classification position at Middle of the Road, what the land question alone is worth on this property.

Land allocation	Land	Additional year 1 deduction	Est. year 1 tax saving
High land (less to depreciate)	$673,750	$1,743,940	$558,061
Engineering estimate	$612,500	$1,804,076	$577,304
Low land (more to depreciate)	$551,250	$1,864,212	$596,548

Every cell is a full run of the asset model and the MACRS engine at that land value, not an interpolation; the recommended cell is the engineering estimate crossed with Middle of the Road, the position stated everywhere else in this study, and a cell is named by both coordinates because the axes move in opposite directions. Tax savings use the 32% combined rate stated in the assumptions.

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Part 2: Property and Acquisition (1 of 2)

Property Type	Car Wash
Building Area	4,100 square feet
Year Built	2021
Stories	1
Owner Entity	Property Owner
Purchase Date	April 1, 2026
Acquired (binding contract date)	April 1, 2026
Placed in Service	April 1, 2026
Total Consideration	$2,450,000
Land (determined first)	$612,500 (25.0%), illustrative land allocation (25% of the purchase price)
Depreciable Building Basis	$1,837,500

Building Systems and Ownership Boundary

The subject is a Car Wash (4,100 square feet, 1 story, built 2021).

Building systems were modeled from the property type's component profile; the variance drivers for this type are express tunnel vs full-serve; specialized paving/drainage. No engineering take-off was performed unless noted in the methodology.

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Part 2: Property and Acquisition (2 of 2)

Land Determination

Total consideration	$2,450,000
Less: land value (illustrative land allocation (25% of the purchase price))	$(612,500)
Land as a share of the consideration	25.0%
Depreciable building basis	**$1,837,500**

Land is not depreciable and was determined first: $612,500 by illustrative land allocation (25% of the purchase price). The depreciable building basis is $1,837,500. Land is held constant within each position, so the Conservative, Middle of the Road and Aggressive columns of this study all rest on the same land value. Because the allocation itself is a judgment, Part 1 also shows what the result would be at a higher and a lower land value, so the effect of that judgment can be seen rather than assumed. The three positions describe the building only. Land is carved out first and never depreciates, so the less of the price assigned to land, the more there is to depreciate: a low land value is the aggressive land position and a high land value is the conservative one.

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Part 3 (Element 1): Preparer Expertise and Responsibilities

Publication 5653 lists preparation by an individual with expertise and experience as the first principal element of a quality study. This study is prepared and reviewed by the SmartCostSeg Team and names the team rather than an individual, so it states no individual credential or years of experience, and the ATG scorecard marks this element Partial.

Role	Name	Entity	Responsibilities on this study
Preparer and Reviewer	SmartCostSeg Team	SmartCostSeg LLC	Prepared this study with SmartCostSeg's analysis system; Reviewed the inputs, the documents in Part 5, the classification of each row and the reconciliation before release

Responsibilities of the Analysis System and the Team

- The analysis system determined land first, ran the asset model and the MACRS engine at the three positions, applied the recovery periods, methods and conventions of the law tables, reconciled the allocation to the building basis and produced every schedule in this study.
- Rows marked Review are the rows the SmartCostSeg Team flags for the return preparer's own confirmation.
- The taxpayer's return preparer applies the study on the return, makes the elections and applies the loss limitation rules; SmartCostSeg does not prepare returns.

Questions about how this study was prepared or reviewed go to team@smartcostseg.com.

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Part 4 (Element 2): Methodology (1 of 2)

Land was determined first and removed from the purchase price. The method runs in eleven steps: (1) acquisition documents, (2) inspection, (3) building system identification, (4) functional classification, (5) engineering take-offs, (6) unit costs, (7) component valuation, (8) §1245 and §1250 analysis, (9) MACRS classification, (10) basis reconciliation and (11) depreciation. Steps 1, 3, 4, 8, 9, 10 and 11 were performed on the inputs and documents received; steps 2, 5, 6 and 7 are modeled: the Car Wash component profile assigns modeled shares of basis to each 5-year, 7-year and 15-year component and no take-off, unit cost or site inspection was performed. The wash building and the land improvements related to the wash are classified in Rev. Proc. 87-56 asset class 57.1 (class life 20 years, 15-year recovery, 150 percent declining balance) at all three positions; the positions differ only in the share of basis identified as 5-year wash equipment. Rev. Rul. 79-406 holds that a car wash structure is a building, and CCA 201509029 reads class 57.1 as including car wash buildings and related land improvements; a Chief Counsel Advice is not precedent and is cited for its reading only. The retail motor fuels outlet provision of IRC §168(e)(3)(E) is not authority for a car wash and is not cited.

The study runs the asset model and the MACRS engine three times on one land value, at the Conservative (50.0%), Middle of the Road (70.0%) and Aggressive (90.0%) positions; every class total, waterfall, bonus and first year table carries the three columns, and the Middle of the Road position is the one stated in the year by year table of Part 1, on the Form 4562 map and in the fixed asset file.

The Conservative, Middle of the Road and Aggressive percentages for Car Wash are transcribed verbatim from the Expectation Guide row "Car Wash"; they are planning priors, not a substitute for documentation. The 5-year and 15-year split for this property type follows the Expectation Guide row "Car Wash" (typical split between 5-year and 15-year property), applied at the range midpoints. The comparative band for every property type is SmartCostSeg house judgment used to gauge an allocation against the type's own Conservative, Middle of the Road and Aggressive positions; it is not an IRS threshold, an industry percentile or a published median.

Each row carries its building system, its IRC character, its Rev. Proc. 87-56 asset class, the authored rationale that applies the Whiteco permanence factors and the functional allocation approach of Hospital Corp. of America to that component, the authority for its classification and a confidence score; rows under 0.85 are marked as requiring review. This is a model, not an engineering take-off: it is consistent with the residual approach the IRS Cost Segregation Audit Techniques Guide describes and is labeled as such throughout.

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Part 4 (Element 2): Methodology (2 of 2)

Catalog corrections and house judgments disclosed: Residential built in cabinets, counters and vanities stay with the building; Retail and office removable millwork stays 5 year; 7 year office furniture, fixtures and equipment; Car wash building and related land improvements on asset class 57.1 at every position.

No site visit or photographic survey was performed; the assumptions list what is still required.

The half year convention applies to the personal property placed in service in 2026: 0% of that basis fell in the fourth quarter, under the 40 percent threshold at which the mid quarter convention would apply. Real property uses the mid month convention from its placed in service month (IRC section 168(d); Pub. 946).

Basis of the Analysis

Site survey	No site visit or photographic survey was performed
Unit cost source	SmartCostSeg component weight tables by property category (modeled shares of building basis); residual to the building shell
Indirect cost treatment	Indirect and soft costs are not separately allocated on an acquisition: the purchase price is a lump sum apportioned between land and the depreciable improvements, and no indirect cost of production exists to allocate. Part 4 and Part 14 explain the treatment.
Documents reviewed	0 documents, listed in full in Part 5
Asset rows produced	21 rows, 2 flagged for review

The method is stated so a reviewer can weigh it. A modeled residual allocation is not an engineering take-off, and this report never describes it as one.

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Part 7 (Elements 5 and 6): Nomenclature and Numbering System (1 of 4)

Common Nomenclature (Element 5)

Every asset carries a workpaper Asset ID of the form SYSTEM-nnn, where SYSTEM is the building system prefix below and nnn a sequence within that system (ELEC-001, SIGN-001, SITE-001), and an IRS asset class column that prints the Rev. Proc. 87-56 class with a two digit workpaper sub code (57.0-08). The same asset keeps the same identifier across the Conservative, Middle of the Road and Aggressive positions, in the schedules, on the Form 4562 map and in the fixed asset CSV, so every dollar can be traced from the schedule to its source.

Prefix	Building system	MasterFormat divisions (workpaper cross reference)	Rows in Part 10
STRUCT	Structure and building envelope	03, 04, 05, 06, 07, 08	1
ELEC	Electrical distribution	26	1
PLMB	Plumbing and fire protection	21, 22	2
LOWV	Low voltage, communications and security	27, 28	1
FIN	Interior finishes	09	1
EQUIP	Process and specialty equipment	11	5
SIGN	Signage	10	1
SITE	Site improvements and site utilities	31, 32, 33	9

Standard Numbering System (Element 6)

Sequence numbers run per building system in schedule order (structure first, site and parking structures last); sub codes run per IRS asset class; the residual building shell is the last STRUCT row and carries sub code B-01. Asset descriptions use the common names of the trade (the ATG's nomenclature rule): no building sewer is called process piping and no exit sign is called a decorative placard.

Sub codes (for example 57.0-08) are SmartCostSeg workpaper identifiers appended to the Rev. Proc. 87-56 asset class; they are not IRS designations. Building component sub codes carry the prefix B because the IRS assigns no decimal asset class number to individual building components.

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Part 7 (Elements 5 and 6): Nomenclature and Numbering System (2 of 4)

IRS Asset Class Reference (Rev. Proc. 87-56)

The classes the schedule uses, with the class life, the recovery periods and the property group example the Audit Techniques Guide gives for this kind of property. Sub codes appended to these classes in Part 10 are workpaper identifiers, not IRS designations.

Class	Rev. Proc. 87-56 description	Class life	GDS	ADS	Method	IRC	Example for this property group
00.11	Office Furniture, Fixtures, and Equipment: Includes furniture and fixtures that are not a structural component of a building. Includes such assets as desks, files, safes, and communications equipment. Does not include communications equipment that is included in other classes. *The 7-year office FF&E share is a house judgment carved from the 5-year pool for office, medical, retail, hotel and restaurant types; the residential matrix bars 00.11 in residential rental use.*	10	7	10	200DB	§1245	Management office desks, files and workstations; hotel front office furniture; medical office administrative furniture
00.12	Information Systems: Includes computers and their peripheral equipment used in administering normal business transactions and the maintenance of business records, their retrieval and analysis. *The class text excludes computers used primarily for process or production control and point of sale systems, which stay in 57.0.*	6	5	5	200DB	§1245	Property management and back office computers and peripherals in an office, medical office or hotel
00.13	Data Handling Equipment; except Computers: Includes only typewriters, calculators, adding and accounting machines, copiers, and duplicating equipment.	6	5	6	200DB	§1245	Copiers, calculators and duplicating equipment in an office
00.3	Land Improvements: Includes improvements directly to or added to land, whether such improvements are section 1245 property or section 1250 property, provided such improvements are depreciable. Examples of such assets might include sidewalks, roads, canals, waterways, drainage facilities, sewers (not including municipal sewers in Class 51), wharves and docks, bridges, fences, landscaping shrubbery, or radio and television transmitting towers. Does not include land improvements that are explicitly included in any other class, and buildings and structural components as defined in section 1.48-1(e) of the regulations. *Asset class 00.3 holds both §1245 and §1250 property, so a row in 00.3 states its own IRC character and is never labeled §1245 mechanically.*	20	15	20	150DB	§1245 or §1250	Surface parking lots, curb work and striping, pylon sign structures, site drainage and landscaping

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Part 7 (Elements 5 and 6): Nomenclature and Numbering System (3 of 4)

IRS Asset Class Reference (Rev. Proc. 87-56) (continued)

Class	Rev. Proc. 87-56 description	Class life	GDS	ADS	Method	IRC	Example for this property group
57.0	Distributive Trades and Services: Includes assets used in wholesale and retail trade, and personal and professional services. Includes section 1245 assets used in marketing petroleum and petroleum products.	9	5	9	200DB	§1245	Dedicated equipment electrical, decorative lighting, trade name signage, removable floor coverings, kiosks and cashwraps in retail and service use; car wash systems and their dedicated electrical and plumbing
57.1	Distributive Trades and Services: Billboard, Service Station Buildings, and Petroleum Marketing Land Improvements: Includes section 1250 assets, including service station buildings and depreciable land improvements, whether section 1245 property or section 1250 property, used in the marketing of petroleum and petroleum products, but not including any of these facilities related to petroleum and natural gas trunk pipelines. Includes car wash buildings and related land improvements. Includes billboards, whether such assets are section 1245 property or section 1250 property. Excludes all other land improvements, buildings, and structural components as defined in section 1.48-1(e) of the regulations. *The only authority for a 15-year car wash building is this class (CCA 201509029 reads the sentence as a co-ordinate inclusion; a CCA is not precedent). Rev. Rul. 79-406 holds a car wash is a building, so the Conservative position keeps the wash building at 39 years. The retail motor fuels outlet provision of the statute covers fuel outlets only and is never cited for a car wash.*	20	15	20	150DB	§1245 or §1250	The car wash tunnel or wash building shell and the land improvements related to the wash (aprons, pads, wash bay paving); service station buildings and petroleum marketing land improvements; billboards

Part 7 (Elements 5 and 6): Nomenclature and Numbering System (4 of 4)

IRS Asset Class Reference (Rev. Proc. 87-56) (continued)

Class	Rev. Proc. 87-56 description	Class life	GDS	ADS	Method	IRC	Example for this property group
79.0	Recreation: Includes assets used in the provision of entertainment services on payment of a fee or admission charge, as in the operation of bowling alleys, billiard and pool establishments, theaters, concert halls, and miniature golf courses. Does not include amusement and theme parks and assets which consist primarily of specialized land improvements or structures, such as golf courses, sports stadia, race tracks, ski slopes, and buildings which house the assets used in entertainment services. *Never modeled. A 79.0 row exists only when a human or an AI document pass supplies it with its cost and documentation.*	10	7	10	200DB	§1245	Theater equipment, theater audio and video systems and entertainment equipment in a mall or resort (supplied rows only)
B	Building and structural components (Reg. §1.48-1(e)); nonresidential real property recovers over 39 years and residential rental property over 27.5 years, straight line, mid month convention. Not a Rev. Proc. 87-56 asset class. *Building component sub codes carry the prefix B because the IRS assigns no decimal asset class number to individual building components.*	none (section 1250 building)	27.5 or 39	30 or 40	SL	§1250	Structural frame, roofing, elevators and escalators, general electrical distribution, fire protection, energy management systems, permanently affixed finishes, attached and detached parking structures
functional_analysis	Functional analysis (no Rev. Proc. 87-56 class asserted): the row is classified by its function under Reg. §1.48-1(e) and the Whiteco permanence factors, and its recovery period follows that determination. *Printed where no class number exists rather than inventing one (protocol Step 9).*	none	none	none	none	§1245 or §1250	Wayfinding and digital directory hardware, retaining walls, specialty systems pending classification
follows_underlying	Follows the underlying asset: dedicated hook ups, branch circuits and connections take the IRC character, class and recovery period of the equipment they serve (functional allocation, Hospital Corp. of America; ATG Ch. 8.A.5).	none	none	none	none	§1245	Dedicated equipment electrical and plumbing hook ups, including car wash equipment power and water reclaim connections

Authorities for each class are printed in full in Part 17. Class 00.3 includes land improvements whether they are §1245 property or §1250 property, so each 00.3 row states its own character in Part 10.

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Part 8 (Element 7): Legal Analysis (1 of 7)

The framework, the permanence factors applied system by system, the distinctions the Audit Techniques Guide draws for this property group, and the rules that decide the character of a row.

Framework: buildings, structural components and tangible personal property

Every row is classified under Treas. Reg. §1.48-1(e): a building is any structure or edifice enclosing a space within its walls, usually covered by a roof, whose purpose is to provide shelter or housing or working, office, parking, display or sales space, and a structural component is a part of the building that relates to its operation or maintenance (walls, partitions, floors, ceilings, permanent coverings, windows, doors, central air conditioning and heating, plumbing, electric wiring and lighting fixtures, chimneys, stairs, elevators, sprinklers, fire escapes and other components relating to the operation or maintenance of a building). Everything else that is tangible property is analyzed as tangible personal property.

Hospital Corp. of America v. Commissioner, 109 T.C. 21 (1997), holds that the investment tax credit precedents govern the line between §1245 and §1250 property under MACRS; the Service acquiesced in result only and accepts a correct functional allocation of an electrical distribution system, which is the approach every ELEC and PLMB row in this study takes. Movability alone is not determinative.

Whiteco Industries, Inc. v. Commissioner, 65 T.C. 664 (1975), supplies the six permanence factors, restated at Pub. 5653 p. 21: (1) Is the property capable of being moved, and has it in fact been moved? (2) Is the property designed or constructed to remain permanently in place? (3) Are there circumstances, which tend to show the expected or intended lengths of affixation, i.e., are there circumstances, which show that the property may or will have to be moved? (4) How substantial of a job is the removal of a property and how time-consuming is it? Is it 'readily removable'? (5) How much damage will the property sustain upon its removal? (6) What is the manner of affixation of the property to the land? The factors are applied system by system below and the answer for each row is stated in its Function / Classification Rationale column in Part 10.

Authorities: Reg. §1.48-1(e); HCA (1997); Whiteco (1975).

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Part 8 (Element 7): Legal Analysis (2 of 7)

Structure and building envelope (STRUCT): the permanence factors applied

1 row in Part 10 carries the STRUCT prefix. Foundations, framing, roofing, exterior walls and openings are designed and constructed to remain permanently in place and cannot be removed without destroying the structure, so every permanence factor points to a structural component under Reg. §1.48-1(e)(2). Rows in this system are §1250 building property unless a supplied row documents otherwise.

Authorities: Reg. §1.48-1(e); Whiteco (1975).

Electrical distribution (ELEC): the permanence factors applied

1 row in Part 10 carries the ELEC prefix. General distribution (service entrance, switchgear, panels and the branch circuits that serve lighting and convenience outlets) relates to the operation of the building and is §1250. Branch circuits, disconnects and outlets that are necessary to and used directly with a specific item of equipment follow that equipment under the functional allocation approach the ATG accepts (Ch. 8.A.5, Hospital Corp. of America); those rows are §1245 and take the recovery period of the equipment served. The permanence factors are applied to the equipment, not to the wire.

Authorities: HCA (1997); Cost Segregation ATG; Reg. §1.48-1(e).

Plumbing and fire protection (PLMB): the permanence factors applied

2 rows in Part 10 carry the PLMB prefix. Water supply, sanitary and storm piping and fire protection that serve the building are §1250. Water, gas, refrigerant and drain hook ups directly connected to a specific appliance or item of equipment follow that equipment (ATG Retail Exhibit A, Plumbing). Removability is weighed against the damage removal would cause to the connected system.

Authorities: HCA (1997); ATG Retail Exhibit A; Reg. §1.48-1(e).

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Part 8 (Element 7): Legal Analysis (3 of 7)

Low voltage, communications and security (LOWV): the permanence factors applied

1 row in Part 10 carries the LOWV prefix. Building security, fire alarm and life safety wiring protect the building and its occupants and are §1250 (ATG Retail Exhibit A, Security Systems). Data, communications, paging and merchandise surveillance devices and their cabling serve the business rather than the building; they are readily removable and reusable, so factors 1, 2, 4 and 5 point to tangible personal property.

Authorities: ATG Retail Exhibit A; Whiteco (1975).

Interior finishes (FIN): the permanence factors applied

1 row in Part 10 carries the FIN prefix. Permanently affixed finishes (ceramic tile, terrazzo, drywall, paint, permanent ceilings) are structural components. Carpet, vinyl composition tile and sheet vinyl installed with strippable adhesives, and other finishes that can be removed without damage to the finish or the building, are §1245 under the ATG Retail Exhibit A floor coverings row; factor 5 (damage on removal) is decisive.

Authorities: ATG Retail Exhibit A; Whiteco (1975); Reg. §1.48-1(e).

Process and specialty equipment (EQUIP): the permanence factors applied

5 rows in Part 10 carry the EQUIP prefix. Kitchen, laundry, wash, medical and other operating equipment is machinery rather than a structural component even when bolted down: factor 2 (designed to remain in place) is outweighed by factors 1, 4 and 5 and by the equipment's function. Car wash systems are listed as machinery and equipment in the ATG auto dealership matrix (Ch. 7.F).

Authorities: Whiteco (1975); Cost Segregation ATG.

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Part 8 (Element 7): Legal Analysis (4 of 7)

Signage (SIGN): the permanence factors applied

1 row in Part 10 carries the SIGN prefix. Exit signs, restroom identifiers and other signs relating to the operation or maintenance of the building are §1250. Trade name and theme identity signs, including only the sign face of a pylon sign, are §1245 (ATG Retail Exhibit A, Signs); the pylon pole and footing are a land improvement in asset class 00.3. Factor 6 (manner of affixation) separates the face from the pole.

Authorities: ATG Retail Exhibit A; Rev. Proc. 87-56, 00.3; Whiteco (1975).

Site improvements and site utilities (SITE): the permanence factors applied

9 rows in Part 10 carry the SITE prefix. Paving, curbing, sidewalks, fencing, landscaping, pole mounted site lighting and site drainage are land improvements in asset class 00.3, which holds both §1245 and §1250 property. Site preparation directly associated with a building follows the building, site preparation directly associated with depreciable land improvements follows them, and one time clearing and grading to allow development is land (ATG Retail Exhibit A, Site Prep/Grading). The question for this system is whether the improvement is to the land or to the building, not the permanence factors.

Authorities: Rev. Proc. 87-56, 00.3; ATG Retail Exhibit A.

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Part 8 (Element 7): Legal Analysis (5 of 7)

Distinctions the Audit Techniques Guide draws for this property group

Short life (§1245 property or a land improvement)	Long life (the building and its structural components)
Interior and exterior signs used for display or theme identity, including only the sign face of a pylon sign (§1245, 57.0, 5 years)	Exit signs, restroom identifiers, room numbers and other signs relating to the operation or maintenance of the building (§1250, building)
Electronic article surveillance and other merchandise security equipment whose primary purpose is to minimize shrinkage due to theft (§1245, 57.0, 5 years)	Security systems that protect the building and its contents: card key access, security cameras, motion detectors, alarm systems and their wiring (§1250, building)
Special electrical connections necessary to and used directly with a specific item of machinery or equipment: dedicated outlets, wiring, conduit and circuit breakers (§1245, 57.0, 5 years)	Electrical outlets and distribution of general applicability and accessibility (§1250, building)
The sign face of a pylon sign (§1245, 57.0, 5 years)	Light poles and pylon poles poured in concrete footings or bolt mounted (asset class 00.3, 15 years; 00.3 holds both characters)
Neon or track lighting that is decorative in nature and not necessary for the operation of the building (§1245, 57.0, 5 years)	Lighting that provides substantially all of the artificial illumination, including decorative lighting when it is the primary source of lighting (§1250, building)
Carpet, vinyl composition tile and sheet vinyl installed by means of strippable adhesives (§1245, 57.0, 5 years)	Permanently affixed tile, marble, epoxy and wood floor coverings (§1250, building)
Decorative millwork, cabinets, cashwraps, counters and toppers, and kiosks that function as portable retail outlets (§1245, 57.0, 5 years)	Interior walls, doors, mall entrance security gates, ceilings and permanently affixed finishes (§1250, building)
Grade level surface parking with bumper blocks, curb work, striping, landscape islands, perimeter fences and sidewalks (asset class 00.3, 15 years)	Garages, parking ramps and other parking structures, attached or stand alone (§1250, building, 39 years)
Wash equipment, conveyors, dryers, vacuums, payment kiosks and their dedicated electrical and plumbing (§1245, 57.0, 5 years)	The wash building or tunnel shell and the land improvements related to the wash (asset class 57.1, 15 years, 150 percent declining balance)
The car wash building at 15 years under asset class 57.1 at every position	The car wash structure as a 39 year building under Rev. Rul. 79-406, which this study does not adopt at any position
Car wash buildings and related land improvements read into class 57.1 as a co-ordinate inclusion (CCA 201509029, which is not precedent)	A truck sales and service facility is 39-year nonresidential real property, not class 57.1 (the same CCA)

Authorities: ATG Retail Exhibit A; ATG Ch. 8.B; Rev. Proc. 87-56, 57.1; Rev. Rul. 79-406; CCA 201509029.

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Part 8 (Element 7): Legal Analysis (6 of 7)

Asset categories before activity categories

Rev. Proc. 87-56 has two broad categories of asset classes: asset categories 00.11 through 00.4, which describe specific assets used in all business activities, and activity categories 01.1 through 80.0, which describe assets used in specific business activities. An item described in both is classified to the asset category unless it is specifically excluded from the asset category or specifically included in the activity category (Norwest Corp. v. Commissioner, 111 T.C. 105 (1998); Rev. Rul. 2003-81). A desk is class 00.11 (7 years) and a cash register is class 57.0 (5 years) because cash registers are not listed in an asset category but are assets used in retail. Property with no class life and no activity class defaults to 7-year GDS and 12-year ADS, a category the ATG notes very few assets fall into.

Authorities: Cost Segregation ATG; Norwest (1998); Rev. Rul. 2003-81.

Land improvements (asset class 00.3) hold both characters

Asset class 00.3 includes improvements directly to or added to land whether such improvements are §1245 property or §1250 property, so the class does not settle the character of a row. Each of the 5 00.3 rows in this study states its own IRC character in Part 10 (0 §1245, 5 §1250); the recovery period is 15 years at 150 percent declining balance either way, and the character matters on disposition (Part 14).

Authorities: Rev. Proc. 87-56, 00.3; IRC §1245; IRC §1250.

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Part 8 (Element 7): Legal Analysis (7 of 7)

Car wash buildings and related land improvements (asset class 57.1)

The wash building and the land improvements related to the wash are classified in Rev. Proc. 87-56 asset class 57.1 (class life 20 years, 15-year recovery, 150 percent declining balance) at all three positions; the positions differ only in the share of basis identified as 5-year wash equipment. Rev. Rul. 79-406 holds that a car wash structure is a building, and CCA 201509029 reads class 57.1 as including car wash buildings and related land improvements; a Chief Counsel Advice is not precedent and is cited for its reading only. The retail motor fuels outlet provision of IRC §168(e)(3)(E) is not authority for a car wash and is not cited.

Authorities: Rev. Proc. 87-56, 57.1; Rev. Rul. 79-406; CCA 201509029.

Preliminary classifications and the asterisk convention

* Preliminary, subject to documentation, ownership, use/function and acquisition verification. A preliminary classification is one whose ownership, function, construction, cost, dedicated use, building use and supporting records have not all been established through the documents in Part 5 and the interviews in Part 6; the schedule prints the asterisk so the reader can see which rows still rest on the modeled shares or on a single source.

Authorities: Cost Segregation ATG.

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Part 8A: Building Function Analysis (1 of 3)

A cost segregation study asks of each component whether it serves the tenant's use of the space, the land, or the building itself; that answer, and the authority behind it, decides the recovery class. The groups below list the components Part 10 carries at the Middle of the Road position; Part 8 states the legal analysis they rest on.

Tenant function property (5 year and 7 year, section 1245)

Wash tunnel and bay equipment, pumps, brushes and controls; Conveyor and roller systems that move vehicles through the wash; Dryers and blowers; Water reclaim, filtration and treatment systems; Vacuum stations, arches and central vacuum producers; Pay stations, kiosks and gate equipment; Electrical branch circuits and outlets dedicated to equipment; Plumbing connections dedicated to equipment and appliances; Low-voltage security, access-control and data cabling; Interior and exterior identity signage and graphics; Miscellaneous removable finishes and accessories

$857,500 (46.7% of the depreciable basis) in the 5 year class.

Authorities: Reg. §1.48-1(e); Whiteco (1975).

Site function property (15 year land improvements)

Concrete wash aprons, equipment pads and approaches; Queue, approach, exit and vacuum lane paving; Trench drains, catch basins and wash water collection; Exterior utility distribution serving the wash; Pylon and monument sign structures; Site and parking-lot lighting (poles, bases, circuits); Sidewalks and exterior hardscape; Landscaping, shrubbery and planting beds; Fencing, gates and retaining walls; Car wash building and structural components on asset class 57.1 (residual, 15-year)

$980,000 (53.3% of the depreciable basis) in the 15 year, 57.1 year classes.

Authorities: Rev. Proc. 87-56, 00.3; Rev. Proc. 87-56, 57.1.

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Part 8A: Building Function Analysis (2 of 3)

At the Middle of the Road position the following components carry more basis than at the Conservative position: Wash tunnel and bay equipment, pumps, brushes and controls ($73,500 more, 15 year to 5 year); Conveyor and roller systems that move vehicles through the wash ($19,600 more, 15 year to 5 year); Dryers and blowers ($19,600 more, 15 year to 5 year); Water reclaim, filtration and treatment systems ($19,600 more, 15 year to 5 year); Vacuum stations, arches and central vacuum producers ($19,600 more, 15 year to 5 year); Pay stations, kiosks and gate equipment ($14,700 more, 15 year to 5 year); Electrical branch circuits and outlets dedicated to equipment ($29,400 more, 15 year to 5 year); Plumbing connections dedicated to equipment and appliances ($24,500 more, 15 year to 5 year); Low-voltage security, access-control and data cabling ($9,800 more, 15 year to 5 year); Interior and exterior identity signage and graphics ($7,350 more, 15 year to 5 year); Miscellaneous removable finishes and accessories ($7,350 more, 15 year to 5 year); Concrete wash aprons, equipment pads and approaches ($19,600 more, 15 year to 15 year); Queue, approach, exit and vacuum lane paving ($36,750 more, 15 year to 15 year); Trench drains, catch basins and wash water collection ($17,150 more, 15 year to 15 year); Exterior utility distribution serving the wash ($9,800 more, 15 year to 15 year); Pylon and monument sign structures ($7,350 more, 15 year to 15 year); Site and parking-lot lighting (poles, bases, circuits) ($12,250 more, 15 year to 15 year); Sidewalks and exterior hardscape ($4,900 more, 15 year to 15 year); Landscaping, shrubbery and planting beds ($8,574 more, 15 year to 15 year); Fencing, gates and retaining walls ($6,126 more, 15 year to 15 year).

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Part 8A: Building Function Analysis (3 of 3)

At the Aggressive position the following components carry more basis than at the Conservative position: Wash tunnel and bay equipment, pumps, brushes and controls ($147,000 more, 15 year to 5 year); Conveyor and roller systems that move vehicles through the wash ($39,200 more, 15 year to 5 year); Dryers and blowers ($39,200 more, 15 year to 5 year); Water reclaim, filtration and treatment systems ($39,200 more, 15 year to 5 year); Vacuum stations, arches and central vacuum producers ($39,200 more, 15 year to 5 year); Pay stations, kiosks and gate equipment ($29,400 more, 15 year to 5 year); Electrical branch circuits and outlets dedicated to equipment ($58,800 more, 15 year to 5 year); Plumbing connections dedicated to equipment and appliances ($49,000 more, 15 year to 5 year); Low-voltage security, access-control and data cabling ($19,600 more, 15 year to 5 year); Interior and exterior identity signage and graphics ($14,700 more, 15 year to 5 year); Miscellaneous removable finishes and accessories ($14,700 more, 15 year to 5 year); Concrete wash aprons, equipment pads and approaches ($39,200 more, 15 year to 15 year); Queue, approach, exit and vacuum lane paving ($73,500 more, 15 year to 15 year); Trench drains, catch basins and wash water collection ($34,300 more, 15 year to 15 year); Exterior utility distribution serving the wash ($19,600 more, 15 year to 15 year); Pylon and monument sign structures ($14,700 more, 15 year to 15 year); Site and parking-lot lighting (poles, bases, circuits) ($24,500 more, 15 year to 15 year); Sidewalks and exterior hardscape ($9,800 more, 15 year to 15 year); Landscaping, shrubbery and planting beds ($17,150 more, 15 year to 15 year); Fencing, gates and retaining walls ($12,250 more, 15 year to 15 year).

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Part 10 (Element 9): Detailed Asset Classification and Cost Schedule (1 of 6)

Asset ID	Asset/Component	Location	Building System	Function/Classification Rationale	IRC Classification	IRS Asset Class	MACRS Recovery Period	§168(k) Eligibility	Quantity	Unit Cost	Total Cost	Source of Cost	Legal Authority	Supporting Documentation
EQUIP-001	Wash tunnel and bay equipment, pumps, brushes and controls	Wash tunnel or bays (modeled share)	Process and specialty equipment	Wash tunnel and bay equipment, pumps, brushes and controls are car wash systems listed as machinery and equipment in the ATG auto dealership matrix; the equipment is bolted for operation, is removed and replaced as a unit, and the Whiteco factors point to tangible personal property in asset class 57.0.	§1245	57.0-01*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$257,250	Modeled share of the 5-year pool for Car Wash	Whiteco (1975)	None on file
EQUIP-002	Conveyor and roller systems that move vehicles through the wash	Wash tunnel or bays (modeled share)	Process and specialty equipment	Conveyor and roller systems that move vehicles through the wash are machinery serving the wash activity rather than the building; the conveyor trench they sit in is analyzed with the building, so the row is limited to the mechanical system and the Whiteco factors are applied to that system.	§1245	57.0-02*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$68,600	Modeled share of the 5-year pool for Car Wash	Whiteco (1975)	None on file
EQUIP-003	Dryers and blowers	Wash tunnel or bays (modeled share)	Process and specialty equipment	Dryers and blowers are process equipment mounted to arches that can be unbolted and replaced without affecting the structure; asset class 57.0 machinery under the Whiteco factors.	§1245	57.0-03*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$68,600	Modeled share of the 5-year pool for Car Wash	Whiteco (1975)	None on file
PLMB-001	Water reclaim, filtration and treatment systems	Wash tunnel or bays (modeled share)	Plumbing and fire protection	Water reclaim, filtration and treatment systems exist solely to support the wash equipment and are classified by function with that equipment under Hospital Corp. of America; the underground reclaim pit itself is analyzed with the site.	§1245	Follows underlying asset*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$68,600	Modeled share of the 5-year pool for Car Wash	HCA (1997)	None on file

* Preliminary, subject to documentation, ownership, use/function and acquisition verification.

Costs shown are the Middle of the Road position; the three positions are compared by recovery class in the Part 1 table and in the class rows of the fixed asset CSV, each column footing to the depreciable basis. Authorities are cited in short form and printed in full in Part 17. Direct cost, indirect allocation, method, convention, the §168(k) amount and the first year deduction of every row are in the fixed asset CSV.

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Part 10 (Element 9): Detailed Asset Classification and Cost Schedule (2 of 6)

Asset ID	Asset/Component	Location	Building System	Function/Classification Rationale	IRC Classification	IRS Asset Class	MACRS Recovery Period	§168(k) Eligibility	Quantity	Unit Cost	Total Cost	Source of Cost	Legal Authority	Supporting Documentation
EQUIP-004	Vacuum stations, arches and central vacuum producers	Site (modeled share)	Process and specialty equipment	Vacuum stations, arches and central vacuum producers are freestanding equipment anchored for safety and removed as units; the Whiteco factors point to tangible personal property in asset class 57.0.	§1245	57.0-04*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$68,600	Modeled share of the 5-year pool for Car Wash	Whiteco (1975)	None on file
EQUIP-005	Pay stations, kiosks and gate equipment	Site (modeled share)	Process and specialty equipment	Pay stations, kiosks, gate arms and point of sale devices are movable equipment installed on pads or bollards; the Whiteco factors point to tangible personal property and the ATG treats kiosks as portable retail outlets.	§1245	57.0-05*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$51,450	Modeled share of the 5-year pool for Car Wash	Whiteco (1975)	None on file
ELEC-001	Electrical branch circuits and outlets dedicated to equipment REVIEW	Building-wide (modeled share)	Electrical distribution	Branch circuits, outlets and disconnects that are necessary to and used directly with a specific item of equipment rather than the general building service follow that equipment under the functional allocation approach of Hospital Corp. of America and ATG Ch. 8.A.5; the permanence factors are applied to the equipment served, not to the wire.	§1245	Follows underlying asset*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$102,900	Modeled share of the 5-year pool for Car Wash	HCA (1997)	None on file
PLMB-002	Plumbing connections dedicated to equipment and appliances REVIEW	Building-wide (modeled share)	Plumbing and fire protection	Water, gas and drain hook ups directly connected to a specific appliance or item of equipment take the character and recovery period of that equipment (ATG Retail Exhibit A, Plumbing; Hospital Corp. of America); general supply, sanitary and storm piping remain with the building.	§1245	Follows underlying asset*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$85,750	Modeled share of the 5-year pool for Car Wash	HCA (1997)	None on file

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Part 10 (Element 9): Detailed Asset Classification and Cost Schedule (3 of 6)

Asset ID	Asset/Component	Location	Building System	Function/Classification Rationale	IRC Classification	IRS Asset Class	MACRS Recovery Period	§168(k) Eligibility	Quantity	Unit Cost	Total Cost	Source of Cost	Legal Authority	Supporting Documentation
LOWV-001	Low-voltage security, access-control and data cabling	Building-wide (modeled share)	Low voltage, communications and security	Data, communications, access control and surveillance devices and their cabling serve the business conducted in the building rather than the building itself and can be removed and reused; building fire alarm and life safety wiring are excluded and stay §1250 (ATG Retail Exhibit A, Security Systems).	§1245	Functional analysis*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$34,300	Modeled share of the 5-year pool for Car Wash	HCA (1997)	None on file
SIGN-001	Interior and exterior identity signage and graphics	Building-wide (modeled share)	Signage	Interior and exterior signs used for display or trade name identity, including only the face of a pylon sign, are tangible personal property under the ATG signs row; exit signs, restroom identifiers and other signs relating to the operation of the building are excluded and stay §1250.	§1245	57.0-06*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$25,725	Modeled share of the 5-year pool for Car Wash	ATG Retail Exhibit A	None on file
FIN-001	Miscellaneous removable finishes and accessories	Building-wide (modeled share)	Interior finishes	Removable accessories and finish items that are neither structural components nor permanently affixed finishes are classified by function under Reg. §1.48-1(e); permanently affixed tile, drywall and paint remain with the building.	§1245	Functional analysis*	5-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$25,725	Modeled share of the 5-year pool for Car Wash	Reg. §1.48-1(e)	None on file
SITE-001	Concrete wash aprons, equipment pads and approaches	Site (modeled share)	Site improvements and site utilities	Concrete wash aprons, equipment pads and approaches are land improvements related to the car wash; asset class 57.1 includes car wash buildings and related land improvements at a 20 year class life and 15 year GDS recovery period at 150 percent declining balance (CCA 201509029 reads the sentence as a coordinate inclusion; a CCA is not precedent).	§1250	57.1-01*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$68,600	Modeled share of the asset class 57.1 pool for Car Wash	Rev. Proc. 87-56, 57.1	None on file

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Part 10 (Element 9): Detailed Asset Classification and Cost Schedule (4 of 6)

Asset ID	Asset/Component	Location	Building System	Function/Classification Rationale	IRC Classification	IRS Asset Class	MACRS Recovery Period	§168(k) Eligibility	Quantity	Unit Cost	Total Cost	Source of Cost	Legal Authority	Supporting Documentation
SITE-002	Queue, approach, exit and vacuum lane paving	Site (modeled share)	Site improvements and site utilities	Queue, approach, exit and vacuum lane paving that serves the wash operation is a land improvement related to the car wash and falls in asset class 57.1 rather than 00.3; both classes recover over 15 years at 150 percent declining balance, so the class label affects the schedule text and not the deduction.	§1250	57.1-02*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$128,625	Modeled share of the asset class 57.1 pool for Car Wash	Rev. Proc. 87-56, 57.1	None on file
SITE-003	Trench drains, catch basins and wash water collection	Site (modeled share)	Site improvements and site utilities	Trench drains, catch basins and wash water collection structures exist because of the wash and are land improvements related to the car wash in asset class 57.1; sanitary connections to the municipal sewer are excluded.	§1250	57.1-03*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$60,025	Modeled share of the asset class 57.1 pool for Car Wash	Rev. Proc. 87-56, 57.1	None on file
SITE-004	Exterior utility distribution serving the wash	Site (modeled share)	Site improvements and site utilities	Exterior water, electrical and reclaim distribution from the property line to the wash equipment is a land improvement related to the car wash in asset class 57.1; the ATG site utilities row otherwise places utility distribution with the building, so the row is limited to runs serving the wash.	§1250	57.1-04*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$34,300	Modeled share of the asset class 57.1 pool for Car Wash	Rev. Proc. 87-56, 57.1	None on file
SITE-005	Pylon and monument sign structures	Site (modeled share)	Site improvements and site utilities	Pylon and monument sign poles poured in concrete footings are land improvements in asset class 00.3 under the ATG poles and pylons row; only the sign face is §1245 property and it is carried in the identity signage row.	§1250	00.3-01*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$25,725	Modeled share of the 15-year land improvement pool for Car Wash	Rev. Proc. 87-56, 00.3	None on file

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Part 10 (Element 9): Detailed Asset Classification and Cost Schedule (5 of 6)

Asset ID	Asset/Component	Location	Building System	Function/Classification Rationale	IRC Classification	IRS Asset Class	MACRS Recovery Period	§168(k) Eligibility	Quantity	Unit Cost	Total Cost	Source of Cost	Legal Authority	Supporting Documentation
SITE-006	Site and parking-lot lighting (poles, bases, circuits)	Site (modeled share)	Site improvements and site utilities	Pole mounted lighting poured in concrete footings that illuminates parking and walkways is a land improvement in asset class 00.3 under the ATG exterior lighting row; the class holds both characters and the poles are carried as §1250 pending field verification.	§1250	00.3-02*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$42,875	Modeled share of the 15-year land improvement pool for Car Wash	Rev. Proc. 87-56, 00.3	None on file
SITE-007	Sidewalks and exterior hardscape	Site (modeled share)	Site improvements and site utilities	Sidewalks and exterior hardscape are named in asset class 00.3 as improvements directly to land; they are inherently permanent land improvements and carry §1250 character.	§1250	00.3-03*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$17,150	Modeled share of the 15-year land improvement pool for Car Wash	Rev. Proc. 87-56, 00.3	None on file
SITE-008	Landscaping, shrubbery and planting beds	Site (modeled share)	Site improvements and site utilities	Shrubbery and planting beds adjacent to the building that would be replaced with it are depreciable land improvements named in asset class 00.3; one time clearing and grading is land and is excluded.	§1250	00.3-04*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$30,012	Modeled share of the 15-year land improvement pool for Car Wash	Rev. Proc. 87-56, 00.3	None on file

* Preliminary, subject to documentation, ownership, use/function and acquisition verification.

Costs shown are the Middle of the Road position; the three positions are compared by recovery class in the Part 1 table and in the class rows of the fixed asset CSV, each column footing to the depreciable basis. Authorities are cited in short form and printed in full in Part 17. Direct cost, indirect allocation, method, convention, the §168(k) amount and the first year deduction of every row are in the fixed asset CSV.

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Part 10 (Element 9): Detailed Asset Classification and Cost Schedule (6 of 6)

Asset ID	Asset/Component	Location	Building System	Function/Classification Rationale	IRC Classification	IRS Asset Class	MACRS Recovery Period	§168(k) Eligibility	Quantity	Unit Cost	Total Cost	Source of Cost	Legal Authority	Supporting Documentation
SITE-009	Fencing, gates and retaining walls	Site (modeled share)	Site improvements and site utilities	Fences, gates and retaining walls are named in asset class 00.3; the row carries §1250 character as an inherently permanent land improvement.	§1250	00.3-05*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$21,438	Modeled share of the 15-year land improvement pool for Car Wash	Rev. Proc. 87-56, 00.3	None on file
STRUCT-001	Car wash building and structural components on asset class 57.1 (residual, 15-year)	Building shell (residual)	Structure and building envelope	The wash building is a building under Rev. Rul. 79-406 and Reg. §1.48-1(e)(1), and Rev. Proc. 87-56 asset class 57.1 includes car wash buildings and related land improvements at a 20 year class life and a 15 year GDS recovery period at 150 percent declining balance; CCA 201509029 reads that sentence as a coordinate inclusion and is not precedent. The retail motor fuels outlet provision of the statute is not cited for a car wash.	§1250	57.1-05*	15-year	Eligible, 100%; screen pending (Part 14)	modeled; no field inventory	modeled; residual share of the class pool	$551,250	Residual of the building basis after the modeled pools for Car Wash	Rev. Proc. 87-56, 57.1	None on file
All classes, total allocated (reconciles to the depreciable basis)											**$1,837,500**	**21 rows at the Middle of the Road position**		

* Preliminary, subject to documentation, ownership, use/function and acquisition verification.

Costs shown are the Middle of the Road position; the three positions are compared by recovery class in the Part 1 table and in the class rows of the fixed asset CSV, each column footing to the depreciable basis. Authorities are cited in short form and printed in full in Part 17. Direct cost, indirect allocation, method, convention, the §168(k) amount and the first year deduction of every row are in the fixed asset CSV.

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Part 11 (Element 10): Basis Reconciliation

From the total consideration to an unreconciled difference of zero: land is removed first, then every recovery class is listed under each position. The engine refuses to build a study whose allocation does not equal the depreciable basis, so the last line is zero by construction.

Line	Conservative	Middle of the Road (stated)	Aggressive
Total consideration (purchase price)	$2,450,000	$2,450,000	$2,450,000
Less: nondepreciable land (illustrative land allocation (25% of the purchase price))	$(612,500)	$(612,500)	$(612,500)
Adjustments to basis	$0	$0	$0
Depreciable basis	**$1,837,500**	**$1,837,500**	**$1,837,500**
Direct costs identified	$1,837,500	$1,837,500	$1,837,500
Indirect costs allocated (Part 12)	$0	$0	$0
5-Year Personal Property (§1245)	$612,500	$857,500	$1,102,500
15-Year Land Improvements	$98,000	$137,200	$176,400
15-Year Asset Class 57.1 (Car Wash Buildings and Related Land Improvements)	$1,127,000	$842,800	$558,600
Total allocated	**$1,837,500**	**$1,837,500**	**$1,837,500**
Unreconciled difference	**$0**	**$0**	**$0**

> The schedule foots. Total allocated of $1,837,500 equals the depreciable building basis of $1,837,500 to the dollar at every position: no unallocated remainder, no rounding plug.

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Part 13 (Element 12): Section 1245 Property Schedule

Every row this study classifies as §1245 property, listed separately from the §1250 building property so the return preparer and a later disposition can find them without re-reading the schedule. Character is stated per row in Part 10; it is never inferred from the recovery class.

Asset ID	Component	System	IRS Asset Class	Conservative	Middle of the Road (stated)	Aggressive
EQUIP-001	Wash tunnel and bay equipment, pumps, brushes and controls	EQUIP	57.0-01*	$183,750	$257,250	$330,750
EQUIP-002	Conveyor and roller systems that move vehicles through the wash	EQUIP	57.0-02*	$49,000	$68,600	$88,200
EQUIP-003	Dryers and blowers	EQUIP	57.0-03*	$49,000	$68,600	$88,200
PLMB-001	Water reclaim, filtration and treatment systems	PLMB	Follows underlying asset*	$49,000	$68,600	$88,200
EQUIP-004	Vacuum stations, arches and central vacuum producers	EQUIP	57.0-04*	$49,000	$68,600	$88,200
EQUIP-005	Pay stations, kiosks and gate equipment	EQUIP	57.0-05*	$36,750	$51,450	$66,150
ELEC-001	Electrical branch circuits and outlets dedicated to equipment	ELEC	Follows underlying asset*	$73,500	$102,900	$132,300
PLMB-002	Plumbing connections dedicated to equipment and appliances	PLMB	Follows underlying asset*	$61,250	$85,750	$110,250
LOWV-001	Low-voltage security, access-control and data cabling	LOWV	Functional analysis*	$24,500	$34,300	$44,100
SIGN-001	Interior and exterior identity signage and graphics	SIGN	57.0-06*	$18,375	$25,725	$33,075
FIN-001	Miscellaneous removable finishes and accessories	FIN	Functional analysis*	$18,375	$25,725	$33,075
Total §1245 property (46.7% of the depreciable basis at the stated position)				**$612,500**	**$857,500**	**$1,102,500**

On a later disposition, gain is ordinary income under IRC §1245 to the extent of depreciation allowed or allowable on these rows, including the §168(k) allowance; the maximum §1245 ordinary recapture exposure equals their full cost, $857,500 at the Middle of the Road position (Conservative $612,500, Middle of the Road $857,500, Aggressive $1,102,500). The remaining $980,000 is §1250 property (the building and its structural components, and land improvements carrying §1250 character), where ordinary recapture is limited to additional depreciation over straight line and unrecaptured §1250 gain is taxed at a maximum 25 percent rate. Every row in this schedule was classified from §1250 building property to §1245 property by this study; no separately acquired §1245 property was reported, so nothing is listed twice.

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Part 14 (Element 13): Related Tax Considerations (1 of 3)

The eight considerations Publication 5653 lists beside the classification itself, each marked as it applies to this property on the facts recorded. A Pending mark means the owner has not yet answered the question and the assumptions say what the study rests on meanwhile; a Not reported mark means no fact was recorded and the paragraph states what the study assumes in its place.

§168(k) used property acquisition requirements (related party and prior use) PENDING

The four used property screening questions of Treas. Reg. §1.168(k)-2(b)(3)(iii) have not all been answered. The study applies the 100% allowance the dates support; a Yes to any question removes it from every class.

Authorities: Reg. §1.168(k)-2(b)(3)(iii); IRC §179(d)(2)-(3); IRC §168(k).

Placed in service date APPLIES

This study treats every asset as acquired 2026-04-01 and placed in service 2026-04-01, in tax year 2026. Property is placed in service when it is ready and available for its specific use (Pub. 946), which can precede or follow the closing date; the placed in service date fixes the tax year of the first deduction, the applicable convention and, together with the acquisition date, the §168(k) rate.

Convention resolved: half-year for personal property (0% of the personal property basis fell in the fourth quarter, under the 40 percent test); mid-month for real property. If the placed in service date differs from the date recorded, every figure in the year by year table of Part 1 and in the fixed asset file shifts with it.

Authorities: Pub. 946; Rev. Proc. 87-57; IRC §168(k).

Ground lease and leasehold interests NOT REPORTED

No ground lease or leasehold interest was reported for this property, so this study treats the taxpayer as holding the fee. A leasehold would change what is depreciated, not how the components are classified (IRC §178; Treas. Reg. §1.167(a)-4).

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Part 14 (Element 13): Related Tax Considerations (2 of 3)

Ownership of tenant improvements NOT REPORTED

No tenant improvement ownership question was reported for this property, so every row in Part 10 is treated as the taxpayer's own property. Tax ownership decides who depreciates an improvement (IRC §110; Treas. Reg. §1.167(a)-4).

§263A uniform capitalization, kept apart from Treas. Reg. §1.263(a)-3 DOES NOT APPLY

Acquired property held for rental or use is not produced, so §263A does not apply to the purchase; acquisition costs are capitalized under §263(a). §263A and Treas. Reg. §1.263(a)-3 are different rules, kept apart.

Accounting method and Form 3115 DOES NOT APPLY

Every asset is placed in service in 2026, the current tax year, so the study goes on the original return; a later adoption generally needs Form 3115 (DCN 7) once two returns are filed; your CPA confirms the route.

Sampling methodology (Rev. Proc. 2011-42) DOES NOT APPLY

No statistical sampling was used: every asset is listed individually in Part 10, and a modeled row is a share of a class pool, not a sampled unit projected to a population. Any sampling must follow Rev. Proc. 2011-42.

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Part 14 (Element 13): Related Tax Considerations (3 of 3)

Disposition and recapture APPLIES

Gain on a later disposition of the §1245 property listed in Part 13 is ordinary income to the extent of depreciation allowed or allowable, including the §168(k) allowance (IRC §1245). The maximum §1245 ordinary recapture exposure is the full cost of those rows: $857,500 at the Middle of the Road position (Conservative $612,500, Middle of the Road $857,500, Aggressive $1,102,500).

The §1250 pool of $980,000 (the building and its structural components, and land improvements carrying §1250 character) is subject to IRC §1250, where ordinary recapture is limited to additional depreciation over straight line, generally zero under straight line MACRS, and unrecaptured §1250 gain is taxed at a maximum 25 percent rate. The disposition of a single reclassified component before the building is sold follows Treas. Reg. §1.168(i)-8 (partial dispositions), cited here for reference.

Authorities: IRC §1245; IRC §1250; Reg. §1.168(i)-8.

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Part 15: Depreciation and §168(k) Analysis

Binding contract / acquired date	April 1, 2026
Placed-in-service date	April 1, 2026
Additional first-year depreciation rate	100%
Rule applied	Acquired and placed in service after January 19, 2025: 100% additional first-year depreciation, made permanent by OBBBA (IRC §168(k); Treas. Reg. §1.168(k)-2).
Eligible basis (recovery period of 20 years or less, stated position)	$1,837,500
Additional first-year depreciation (stated position)	**$1,837,500**

21 of 21 asset rows are eligible; 0 are not.

The Allowance and the First Year at Each Position

Position	§168(k) Allowance	First Year With Study	Without Study	Additional	Est. Tax Savings
Conservative	$1,837,500	$1,837,500	$33,424	$1,804,076	$577,304
Middle of the Road (stated)	$1,837,500	$1,837,500	$33,424	$1,804,076	$577,304
Aggressive	$1,837,500	$1,837,500	$33,424	$1,804,076	$577,304

Elections and Notes

- The used property acquisition screen (prior depreciable interest, related party, controlled group, carryover or §1014 basis) has not been answered; the allowance shown is what the dates support and is subject to that screen (Part 14).
- Additional first-year depreciation applies to property with a recovery period of 20 years or less; 27.5-year and 39-year real property is not eligible.
- An election out of additional first-year depreciation is made by property class on a timely filed return (including extensions); whether it fits the overall tax position is your CPA's call.
- Bonus by position: Conservative $1,837,500, Middle of the Road $1,837,500, Aggressive $1,837,500; the Middle of the Road position is the one this study states.

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Part 17: Sources and Legal Authorities (1 of 5)

The authorities this study relies on, grouped in the order of the authority hierarchy (the Code, the regulations, Rev. Proc. 87-56, rulings and procedures, case law, then other published IRS guidance). Each asset row of Part 10 names the one that governs it; an authority marked verify before print is cited for reference only.

Tier	Authority	Applied To
1. Code	IRC §168(k); Treas. Reg. §1.168(k)-2 (additional first-year depreciation)	Part 15; Part 14 (Element 13)
1. Code	IRC §1245(a)(1)-(3) and §1245(b) (gain on the disposition of section 1245 property is ordinary income to the extent of the recomputed basis, which adds back all depreciation and amortization allowed or allowable, including the §168(k) allowance; exceptions for gifts, transfers at death and certain tax-free transfers)	Part 8 (Element 7); Part 14 (Element 13); Part 13 (Element 12)
1. Code	IRC §1250(a), (c) and (d); IRC §1(h)(1)(E) and §1(h)(6) (section 1250 property is depreciable real property other than section 1245 property; ordinary recapture is limited to additional depreciation, which is generally zero under straight-line MACRS; unrecaptured section 1250 gain is taxed at a maximum rate of 25 percent)	Part 8 (Element 7); Part 14 (Element 13); Part 13 (Element 12)
1. Code	IRC §263A(a), (b), (f) and (g); Treas. Reg. §1.263A-1(e)(3) and (e)(4); Treas. Reg. §1.263A-12 (uniform capitalization of the direct and allocable indirect costs of real or tangible personal property produced by the taxpayer, where produce includes construct, build, install and improve; interest paid or incurred during the production period is capitalized under §263A(f); property acquired and held for rental or use is not produced and is not subject to §263A)	Part 14 (Element 13)
1. Code	IRC §179(d)(2) and (d)(3) (property is acquired by purchase only when it is not acquired from a person whose relationship would disallow losses under §267 or §707(b), not acquired from a component member of the same controlled group, and its basis is not determined by reference to the transferor's basis or under §1014(a); cost excludes basis determined by reference to other property held by the acquirer), applied to used property through IRC §168(k)(2)(E)(ii)	Part 14 (Element 13)
1. Code	IRC §110(a)-(d) (a qualified lessee construction allowance received under a short-term lease of retail space is excluded from the lessee's income and the improvement it funds is treated as nonresidential real property of the lessor; a short-term lease is 15 years or less under §168(i)(3))	Part 14 (Element 13)

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Part 17: Sources and Legal Authorities (2 of 5)

Tier	Authority	Applied To
1. Code	IRC §178(a) and (b) (in amortizing the cost of acquiring a lease, the term includes renewal options and any other period the parties reasonably expect the lease to be renewed if less than 75 percent of the cost is attributable to the remaining term)	Part 14 (Element 13)
2. Regulations	Treas. Reg. §1.48-1(e)(1)-(2) (building and structural components)	Part 10 (1 row); Part 8 (Element 7); Part 14 (Element 13); Part 7 (Elements 5 and 6); Part 8A
2. Regulations	Treas. Reg. §1.263(a)-3 (amounts paid to improve tangible property)	Part 14 (Element 13)
2. Regulations	Treas. Reg. §1.263(a)-2(f) (amounts paid to facilitate the acquisition of real or personal property are capitalized; inherently facilitative amounts under §1.263(a)-2(f)(2)(ii) include appraisal, title, permit, architectural, engineering, environmental and inspection services pertaining to particular properties)	Part 14 (Element 13)
2. Regulations	Treas. Reg. §1.168(k)-2(b)(3)(iii) (used property acquisition requirements: the taxpayer or a predecessor had no depreciable interest in the property within the five calendar years before the placed-in-service year, the acquisition is by purchase under §179(d)(2)(A)-(C), and the cost meets §179(d)(3); a lessee that acquires the leased property excludes its own improvements from bonus-eligible basis)	Part 14 (Element 13)
2. Regulations	Treas. Reg. §1.167(a)-4 (capital expenditures by a lessee or lessor for a building or other permanent improvements on leased property are recovered under §168 without regard to the period of the lease; see IRC §168(i)(8)(A))	Part 14 (Element 13)
2. Regulations	Treas. Reg. §1.168(i)-8 (dispositions of MACRS property, including the partial disposition of a reclassified component) [verify before print: cited for reference in Part 14 only]	Part 14 (Element 13)
3. Rev. Proc. 87-56	Rev. Proc. 87-56, 1987-2 C.B. 674, Asset Class 00.3 (Land Improvements) and Asset Class 57.0 (Distributive Trades and Services). Asset class 00.3 includes improvements directly to or added to land whether such improvements are section 1245 property or section 1250 property, so a row in class 00.3 states its own IRC character and is never labeled section 1245 mechanically.	Part 7 (Elements 5 and 6)

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Part 17: Sources and Legal Authorities (3 of 5)

Tier	Authority	Applied To
3. Rev. Proc. 87-56	Rev. Proc. 87-56, 1987-2 C.B. 674, Asset Class 00.11 (Office Furniture, Fixtures, and Equipment: furniture and fixtures that are not a structural component of a building, such as desks, files, safes and communications equipment): class life 10 years, 7-year GDS, 10-year ADS	Part 7 (Elements 5 and 6)
3. Rev. Proc. 87-56	Rev. Proc. 87-56, 1987-2 C.B. 674, Asset Class 00.12 (Information Systems: computers and their peripheral equipment used in administering normal business transactions and maintaining business records; excludes computers used primarily for process or production control and point of sale computer systems): class life 6 years, 5-year GDS, 5-year ADS	Part 7 (Elements 5 and 6)
3. Rev. Proc. 87-56	Rev. Proc. 87-56, 1987-2 C.B. 674, Asset Class 00.13 (Data Handling Equipment; except Computers: typewriters, calculators, adding and accounting machines, copiers and duplicating equipment): class life 6 years, 5-year GDS, 6-year ADS	Part 7 (Elements 5 and 6)
3. Rev. Proc. 87-56	Rev. Proc. 87-56, 1987-2 C.B. 674, Asset Class 00.3 (Land Improvements: improvements directly to or added to land, whether such improvements are section 1245 property or section 1250 property, provided such improvements are depreciable; excludes buildings and structural components as defined in Treas. Reg. §1.48-1(e)): class life 20 years, 15-year GDS, 20-year ADS, 150 percent declining balance	Part 10 (5 rows); Part 8 (Element 7); Part 7 (Elements 5 and 6); Part 8A
3. Rev. Proc. 87-56	Rev. Proc. 87-56, 1987-2 C.B. 674, Asset Class 57.0 (Distributive Trades and Services: assets used in wholesale and retail trade and personal and professional services, including section 1245 assets used in marketing petroleum and petroleum products): class life 9 years, 5-year GDS, 9-year ADS	Part 7 (Elements 5 and 6)
3. Rev. Proc. 87-56	Rev. Proc. 87-56, 1987-2 C.B. 674, Asset Class 57.1 (Distributive Trades and Services: Billboard, Service Station Buildings, and Petroleum Marketing Land Improvements; includes section 1250 assets used in the marketing of petroleum and petroleum products, car wash buildings and related land improvements, and billboards, whether section 1245 property or section 1250 property; excludes all other land improvements, buildings and structural components as defined in Treas. Reg. §1.48-1(e)): class life 20 years, 15-year GDS, 20-year ADS, 150 percent declining balance	Part 10 (5 rows); Part 8 (Element 7); Part 7 (Elements 5 and 6); Part 8A
4. Rulings and procedures	Rev. Proc. 87-57 (MACRS percentage tables)	Part 15; Part 14 (Element 13)

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Part 17: Sources and Legal Authorities (4 of 5)

Tier	Authority	Applied To
4. Rulings and procedures	Rev. Rul. 90-38 (change in method of accounting, not amended returns)	Part 14 (Element 13)
4. Rulings and procedures	Rev. Proc. 2025-23 (automatic accounting method changes; DCN 7)	Part 14 (Element 13)
4. Rulings and procedures	Rev. Proc. 2011-42, 2011-37 I.R.B. 318 (statistical sampling: a taxpayer may use only the sampling procedures of the revenue procedure; the least advantageous 95 percent one-sided confidence limit applies unless relative precision does not exceed 10 percent; samples that fail the criteria are rejected)	Part 14 (Element 13)
4. Rulings and procedures	Rev. Rul. 2003-81, 2003-2 C.B. 126 (an asset described in both a Rev. Proc. 87-56 asset category and an activity category is classified to the asset category unless it is specifically excluded from the asset category or specifically included in the activity category)	Part 8 (Element 7)
4. Rulings and procedures	Rev. Rul. 79-406, 1979-2 C.B. 18 (a car wash structure is a building despite the lack of exterior walls on two sides)	Part 8 (Element 7)
5. Case law	Hospital Corp. of America v. Commissioner, 109 T.C. 21 (1997)	Part 10 (4 rows); Part 8 (Element 7); Part 7 (Elements 5 and 6)
5. Case law	Whiteco Industries, Inc. v. Commissioner, 65 T.C. 664 (1975) (six permanence factors)	Part 10 (5 rows); Part 8 (Element 7); Part 7 (Elements 5 and 6); Part 8A
5. Case law	Norwest Corp. & Subs. v. Commissioner, 111 T.C. 105 (1998) (an asset described in a Rev. Proc. 87-56 asset category is classified there before any activity category)	Part 8 (Element 7)
6. IRS guidance	IRS Publication 946, How To Depreciate Property	Part 4 (Element 2); Part 14 (Element 13)
6. IRS guidance	IRS Cost Segregation Audit Techniques Guide (Publication 5653, rev. 2-6-2025)	ATG Quality Scorecard (Pub. 5653 Principal Elements); Part 8 (Element 7); Part 14 (Element 13)
6. IRS guidance	CCA 201509029 (released Feb. 27, 2015) (asset class 57.1 also includes car wash buildings and related land improvements; a truck sales and service facility is 39-year nonresidential real property; a Chief Counsel Advice is not precedent and may not be cited as authority)	Part 8 (Element 7)

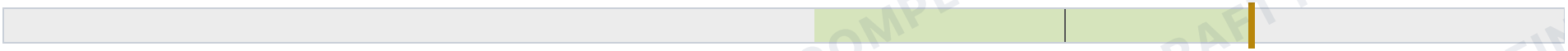
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Part 17: Sources and Legal Authorities (5 of 5)

Tier	Authority	Applied To
6. IRS guidance	IRS Cost Segregation Audit Techniques Guide (Publication 5653), Ch. 7.B, Retail Industry Exhibit A (pp. 172-183)	Part 10 (1 row); Part 8 (Element 7)
6. IRS guidance	IRS Cost Segregation Audit Techniques Guide (Publication 5653), Ch. 8.B (pp. 336-347) (the Service's position that stand-alone, open-air parking structures are buildings with a 39-year recovery period; parking structures connected to a building are uncontested 39-year property; surface lots remain asset class 00.3)	Part 8 (Element 7)

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Audit-Risk Gauge



0% SmartCostSeg's comparative band for this property type: 65.0% to 100.0%, midpoint 85.0% 125.0%

OUTSIDE THE BUILDING CLASSES (MIDDLE OF THE ROAD)	BAND MIDPOINT	GAUGE
100.0%	**85.0%**	**Elevated**

This share outside the building classes sits above the typical range of SmartCostSeg's comparative band for this property type. It is supportable on well documented properties; expect your documentation to matter.

This study reclassifies 70.0% of the depreciable building basis into the short-life classes at the Middle of the Road position (Conservative 50.0%, Middle of the Road 70.0%, Aggressive 90.0% of building basis in the short-life classes). The building shell itself recovers over 15 years on asset class 57.1, so 100.0% of the basis recovers outside the 27.5 year and 39 year building classes; that is the share the gauge compares. SmartCostSeg's comparative band for Car Wash is 65% to 100% (midpoint 85%); the gauge reads YELLOW. The gauge compares the reclassified share with SmartCostSeg's comparative band for this property type and with the type's own Conservative, Middle of the Road and Aggressive positions. The band is house judgment; it is not an IRS threshold, an industry percentile or a published median, and the IRS publishes no such figure. Estimates are ranges, never guarantees. Real world studies on similar buildings have reclassified between 7% and 33% of basis; building specific characteristics matter.

The gauge is a self-check, not a prediction of examination.

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Part 18: Final Recommendation

This study states the Middle of the Road position: it reclassifies 70.0% of the depreciable building basis into the short life classes. The building shell itself recovers over 15 years on asset class 57.1, so 100.0% of the basis recovers outside the 27.5 year and 39 year building classes, which sits inside SmartCostSeg's comparative band of 65% to 100% for Car Wash, and the audit risk gauge reads YELLOW.

Position	Short life share	§168(k) allowance	First year with the study	Ongoing annual, building property (straight line)
Conservative	50.0%	$1,837,500	$1,837,500	$0
Middle of the Road (stated)	70.0%	$1,837,500	**$1,837,500**	$0
Aggressive	90.0%	$1,837,500	$1,837,500	$0

The Conservative and Aggressive positions are shown with the same land value and the same documents. Which position is filed is the taxpayer's and the CPA's decision; the fixed asset file and the Form 4562 map carry the stated position, and every table in this study carries the other two beside it. Estimates are ranges, never guarantees.

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ATG Quality Scorecard (Pub. 5653 Principal Elements)

IRS Publication 5653 (the Cost Segregation Audit Techniques Guide) describes 13 principal elements of a quality study. This scorecard states, element by element, what this study contains, with the status derived from the data in it; a Partial or Not performed mark describes scope and hides no defect. The Service publishes no approval of any study format and none is claimed.

#	Principal element (Pub. 5653, verbatim)	Status	What this study contains
1	Preparation by an Individual with Expertise and Experience	PARTIAL	Partial: this study is prepared and reviewed by the SmartCostSeg Team and names the team rather than an individual, so no individual credential or years of experience is stated on it.
2	Detailed Description of the Methodology	MET	Modeled residual method; the eleven step method of Part 4 states each step and what it rests on.
3	Use of Appropriate Documentation	PARTIAL	No documents were received; the study rests on the inputs entered and the modeled schedule, and the assumptions list what is still required.
4	Interviews Conducted with Appropriate Parties	NOT PERFORMED	Not performed: no interview was recorded for this study; the classifications in Part 10 rest on the documents received and the modeled shares.
5	Use of a Common Nomenclature	MET	Building system prefixes and trade names for 8 systems; class reference with 10 Rev. Proc. 87-56 rows (Part 7).
6	Use of a Standard Numbering System	MET	Workpaper ids SYSTEM-nnn and two level class sub codes on all 21 rows, stable across the three positions (Part 7).
7	Explanation of the Legal Analysis	MET	14 analysis blocks: the §1.48-1(e) framework, the six Whiteco factors applied per building system, the ATG distinctions for the property group and the asset category first rule (Part 8).
8	Determination of Unit Costs and Engineering "Take-Off,"	PARTIAL	Partial: modeled shares of class pools, not a take off; the quantity and unit cost columns say modeled on every modeled row (Part 10).
9	Organization of Assets into Lists or Groups	MET	21 rows organized by building system and class with class subtotals under every position (Part 10).
10	Reconciliation of Total Allocated Costs to Total Actual Costs	MET	Allocated $1,837,500 equals the depreciable basis $1,837,500 at every position; the waterfall ends at an unreconciled difference of $0 (Part 11).
11	Explanation of the Treatment of Indirect Costs	MET	Met by explanation: acquired property carries no separately stated indirect costs; the treatment of acquisition costs is explained in Part 4 and Part 14 (§263A does not apply to a purchase).
12	Identification and Listing of § 1245 Property	MET	11 §1245 rows totalling $857,500 (46.7% of basis) listed separately with the recapture note (Part 13).
13	Consideration of Related Aspects (e.g., § 263A, Change in Accounting Method, and Sampling Techniques)	PARTIAL	Partial: 1 of the eight considerations are pending an owner answer (Part 14); 2 rows flagged for review.

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Assumptions, Limiting Conditions and Certification (1 of 2)

Assumptions and Limiting Conditions

- Building basis of $1,837,500 is the purchase price $2,450,000 less land $612,500 (illustrative land allocation (25% of the purchase price)); the land value is the same under all three positions.
- Acquired 2026-04-01; placed in service 2026-04-01; Acquired and placed in service after January 19, 2025: 100% additional first-year depreciation, made permanent by OBBBA (IRC §168(k); Treas. Reg. §1.168(k)-2).
- Combined marginal tax rate of 32% is used for tax-savings figures; the actual rate depends on the taxpayer's return.
- The asset schedule is modeled from the Car Wash component profile; the three positions reclassify 50.0%, 70.0% and 90.0% of building basis, and the Middle of the Road position is the one stated in the year by year table of Part 1, on Form 4562 and in the fixed asset file. It is not an engineering take-off or an invoice-level cost record.
- Recovery periods and methods follow the MACRS percentage tables (Rev. Proc. 87-57); the half-year convention applies to personal property because 0% of that basis was placed in service in the fourth quarter.
- Every classification marked with an asterisk is preliminary and subject to documentation, ownership, use/function and acquisition verification; the documents schedule and any recorded interview state what has and has not been verified.
- Estimates are ranges, never guarantees. Real world studies on similar buildings have reclassified between 7% and 33% of basis; building specific characteristics matter.
- The §168(k) used property acquisition screen is pending: the owner has not confirmed the absence of a prior depreciable interest, a related party seller, a controlled group seller or a carryover basis. The allowance shown is subject to that screen (Part 14).

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Assumptions, Limiting Conditions and Certification (2 of 2)

Evidence not received

- No source documents were supplied; the study relies on the owner-provided inputs and the modeled schedule.
- No site photographs were supplied; no virtual site survey was performed.
- No plans or record drawings were supplied; building system quantities rest on the modeled shares until drawings or a field inventory are received.

Certification

This study was prepared and reviewed by the SmartCostSeg Team using SmartCostSeg's analysis system. The asset schedule is modeled residual method; where a row is marked "requires review", the classification should be confirmed against the property's actual construction before it is relied upon.

The SmartCostSeg Team has no present or contemplated interest in the property and no personal interest with respect to the parties involved. The fee for this study is not contingent on the depreciation reported or on any tax result.

The analysis relies on the inputs, documents and photographs listed in this study. It is not a tax return, an appraisal, a legal opinion or a guarantee of any tax outcome; implementation belongs to the taxpayer's CPA.

This study was prepared solely for Property Owner and its income tax return preparer, for use in preparing the federal income tax return and the depreciation records for the property described in Part 2. It is not to be relied on by lenders, buyers, insurers or any other third party, or reproduced except for that return, its examination or an appeal; the workpapers are held in confidence.

Reviewed by: _____ SmartCostSeg Team Date: _____

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Form 4562 Line Map

The rows below map this study onto Form 4562 for the placed-in-service year at the Middle of the Road position. The fixed-asset import file carries the same rows for the depreciation software, with the Conservative, Middle of the Road and Aggressive costs beside the stated one.

Line	Description	Amount
14	Special depreciation allowance for qualified property placed in service during the tax year *100% of $1,837,500 eligible basis at the Middle of the Road position.*	$1,837,500
19b	5-Year Personal Property (§1245) *Basis for depreciation $0 (cost $857,500 less bonus $857,500); 5-year; HY; 200DB; placed in service 2026-04-01.*	$0
19e	15-Year Land Improvements *Basis for depreciation $0 (cost $137,200 less bonus $137,200); 15-year; HY; 150DB; placed in service 2026-04-01.*	$0
19e	15-Year Asset Class 57.1 (Car Wash Buildings and Related Land Improvements) *Basis for depreciation $0 (cost $842,800 less bonus $842,800); 15-year; HY; 150DB; placed in service 2026-04-01.*	$0
17	MACRS deductions for assets placed in service in prior tax years *None: every asset in this study is placed in service in the current tax year.*	$0
22	Total depreciation (this study)	$1,837,500

The line map is a preparation aid. The return itself is prepared and signed by your CPA or tax preparer.

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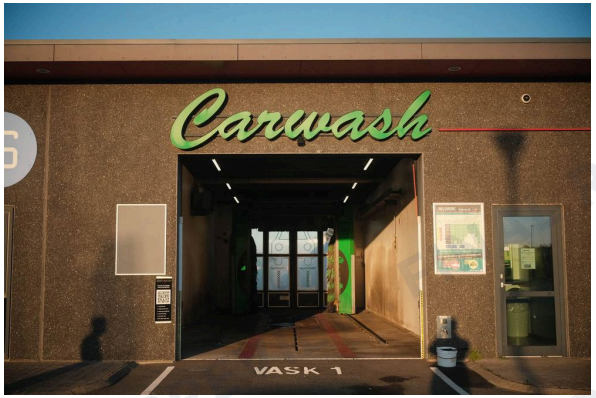
CPA Next Steps

1. Enter the study on Form 4562 using the line map in this report (line 14 for the special depreciation allowance, the line 19 rows by class); the fixed-asset import CSV carries the same rows, with the Conservative, Middle of the Road and Aggressive costs beside the stated position.
2. No Form 3115 is needed: every asset is placed in service in 2026, the current tax year, so the study is applied on the original return.
3. Check state conformity: some states do not follow federal additional first-year depreciation and require an add-back with their own recovery schedule.
4. Confirm how the deductions are used: passive-activity limits, real-estate-professional status and the excess-business-loss rules govern whether the first-year deduction offsets other income or carries forward.
5. Plan for a future sale: accelerated depreciation is subject to recapture on disposition; the study changes the timing of deductions, not their total. Keep the §1245 schedule (Part 13) with the fixed asset register; it is the recapture map for a later disposition.
6. Consider whether an election out of additional first-year depreciation by property class fits the overall tax position for the year.
7. Load the fixed-asset import CSV into the depreciation software and reconcile its TOTAL row to the building basis before filing.
8. Resolve the related tax items Part 14 marks pending (the §168(k) used property screen, ground lease and tenant improvement ownership) before the return is filed; each can change the allowance or the owner of an asset.
9. The preliminary rows in Part 10 keep their asterisk until ownership, function and cost are verified against the property; no interview was recorded for this study.
10. Depreciation schedules by year are available on request.

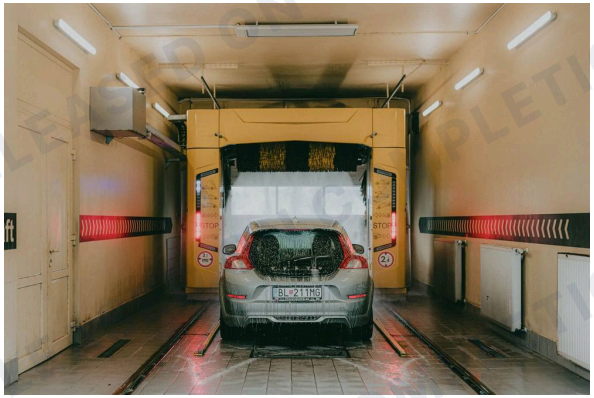
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Appendix: Representative Photography

The photographs in this section are representative of the building type. They were not taken at the subject property, and they play no part in the evidence, the methodology or the scorecard. What was and was not supplied for this property is stated in the Evidence not received list under Assumptions, Limiting Conditions and Certification.



RP-1 A car wash building with a drive through tunnel entrance and signage above the opening. Representative of the building type; not this property.
Photo: Henry Wagner via Pexels (Pexels License).



RP-2 The inside of an automatic wash tunnel, with a vehicle in the bay under the wash equipment. Representative of the building type; not this property.
Photo: Helena Jankovičová Kováčová via Pexels (Pexels License).



RP-3 A car wash site with a marked entrance lane, a canopy and service bays off the street. Representative of the building type; not this property.
Photo: Sami Abdullah via Pexels (Pexels License).

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This study was prepared and reviewed by the SmartCostSeg Team using SmartCostSeg's analysis system. SmartCostSeg does not prepare tax returns and does not provide legal advice; the deductions this study supports depend on your specific tax situation and are applied on a return your preparer signs.

Reference LPCS-MKC4G4. Report SCS-LPCS-MKC4G4, version 1, prepared September 1, 2026. Recovery classes shown throughout use the labels 5-Year Personal Property, 7-Year Personal Property, 15-Year Land Improvements and 39-Year Nonresidential Real Property.

Computed under law as of 2026-07, engine v0.1.

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