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b. Application of Minimum Property Requirements and Minimum Property Standards by Construction Status

i. Existing Construction

(A) Definition

Existing Construction refers to a Property that has been 100 percent complete for over one year or has been completed for less than one year and was previously occupied.

(B) Standard

For Existing Construction, the Appraiser must notify the Mortgagee of the deficiencies when the Property does not comply with FHA's MPR.

ii. New Construction

(A) Definition

New Construction refers to Proposed Construction, Properties Under Construction, and Properties Existing Less than One Year.

Proposed Construction refers to a Property where no concrete or permanent material has been placed. Digging of footing is not considered permanent.

Under Construction refers to the period from the first placement of permanent material to 100 percent completion with no Certificate of Occupancy (CO) or equivalent.

Existing Less than One Year refers to a Property that is 100 percent complete and has been completed less than one year from the date of the issuance of the CO or equivalent. The Property must have never been occupied.

(B) Standard

For New Construction, the Appraiser must notify the Mortgagee of the deficiencies when the Property does not comply with FHA's MPR and MPS, including [24 CFR §§ 200.926a-200.926e](#).

iii. Determination of Defective Conditions

(A) Definition

Defective Conditions refer to defective construction, evidence of continuing settlement, excessive dampness, leakage, decay, termites, environmental hazards or other conditions affecting the health and safety of occupants, collateral security or structural soundness of the dwelling.

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(B) Standard

The Appraiser must identify defective conditions.

Defective Conditions Requiring Repair

The Appraiser must identify defective conditions that are curable and will make the Property comply with HUD's MPR, and provide an estimated cost to cure.

iv. Inspection by a Qualified Individual or Entity

If the Appraiser cannot determine that a Property meets FHA's MPR or MPS, an inspection by a qualified individual or Entity is required.

Conditions that require an inspection by qualified individuals or Entities include:

- standing water against the foundation and/or excessively damp basements;
- hazardous materials on the site or within the improvements;
- faulty or defective mechanical systems (electrical, plumbing or heating/cooling);
- evidence of possible structural failure (e.g., settlement or bulging foundation wall, unsupported floor joists, cracked masonry walls or foundation);
- evidence of possible pest infestation;
- leaking or worn-out roofs; or
- any other condition that in the professional judgment of the Appraiser warrants inspection.

Required Analysis and Reporting

The Appraiser must observe, analyze and report defective conditions and must also provide photographic documentation of those conditions in the appraisal report.

If inspection is required, the Appraiser must cite the reason for requiring an inspection.

c. Minimum Property Requirements and Minimum Property Standards

MPR and MPS form the basis for identifying the deficiencies of the Property that the Appraiser must note within the appraisal report.

i. Legal Requirements

(A) Real Estate Entity

The Appraiser must contact the Mortgagee if the subject Property is not a single, marketable real estate entity, and/or does not consist of a primary plot with a secondary plot contributing to the use and marketability of the Property as a single marketable real estate entity.

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(B) Property Rights

(1) Definition

Fee Simple refers to an absolute ownership unencumbered by any other interest or estate.

Leasehold refers to the right to hold or use Property for a fixed period of time at a given price, without transfer of ownership, on the basis of a lease contract.

(2) Standard

An Appraiser must contact the Mortgagee if the property rights to be appraised are not on real estate held in Fee Simple or Leasehold that comply with HUD's requirements below.

(C) Planned Unit Development

(1) Definition

A Planned Unit Development (PUD) refers to a residential development that contains, within the overall boundary of the subdivision, common areas and facilities owned by a Homeowners' Association (HOA), to which all homeowners must belong and to which they must pay lien-supported assessments. A unit in a PUD consists of the fee title to the real estate represented by the land and the improvements thereon plus the benefits arising from ownership of an interest in the HOA.

(2) Standard

An Appraiser must contact the Mortgagee if the Property is located in a PUD that does not meet this definition.

(D) Leasehold Interests

(1) Definition

Leasehold Interests refer to real estate where the residential improvements are located on land that is subject to long-term lease from the underlying fee owner, creating a divided estate in the Property.

(2) Standard

(a) Forward Mortgage Requirements

A Mortgage secured by real estate under Leasehold requires a renewable lease with a term of not less than 99 years, or a lease that will extend not less than

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10 years beyond the maturity date of the Mortgage. Sub-Leasehold Estates are not eligible for FHA mortgage insurance.

(b) Reverse Mortgage (HECM) Requirements

A reverse mortgage, or Home Equity Conversion Mortgage (HECM), secured by real estate under Leasehold requires a renewable lease for not less than 99 years, or a lease having a remaining period of not less than 50 years beyond the date of the 100th birthday of the youngest mortgagor. Sub-Leasehold Estates are not eligible for FHA mortgage insurance.

(3) Required Analysis and Reporting

An Appraiser must contact the Mortgagee if the Leasehold Interest does not meet this requirement.

ii. Legal and Land Use Considerations

(A) Party or Lot Line Wall

(1) Standard

A building constructed on or next to a property line must be separated from the adjoining building by a wall extending the full height of the building from the foundation to the ridge of the roof.

(2) Required Analysis and Reporting

The Appraiser must note if the party or lot line wall does not extend to the roof or beyond.

(B) Non-Residential Use of Property

(1) Standard

The non-residential portion of the total floor area may not exceed 49 percent.

Any non-residential use of the Property must be subordinate to its residential use, character and appearance. Non-residential use may not impair the residential character or marketability of the Property. The non-residential use of the Property must be legally permitted and conform to current zoning requirements.

(2) Required Analysis and Reporting

The Appraiser must calculate the non-residential portion of any residential Property. Storage areas or similar spaces that are integral parts of the non-residential portion must be included in the calculation of the non-residential area.

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The Appraiser must comment on any non-residential use within the Property and state the percentage of the total floor area that is utilized as non-residential. The Appraiser must report whether the non-residential usage is legal and in compliance with current zoning requirements.

The Appraiser must contact the Mortgagee if the non-residential portion of the Property exceeds 49 percent.

(C) Zoning

(1) Standard

FHA requires the Property to comply with all applicable zoning ordinances.

(2) Required Analysis and Reporting

The Appraiser must determine if current use complies with zoning ordinances.

If the existing Property does not comply with all of the current zoning ordinances but is accepted by the local zoning authority, the Appraiser must report the Property as “Legal Non-Conforming” and provide a brief explanation. The Appraiser must analyze and report any adverse effect that the non-conforming use has on the Property's value and marketability, and state whether the Property may be legally rebuilt if destroyed.

(D) Encroachments

(1) Definition

An Encroachment refers to an interference with or intrusion onto another's property.

(2) Standard

The Appraiser must report the presence of any Encroachments so that the Mortgagee can determine eligibility.

(3) Required Analysis and Reporting

The Appraiser must identify any Encroachments of the subject's dwelling, garage, or other improvement onto an adjacent Property, right-of-way, utility Easement, or building restriction line. The Appraiser must also identify any Encroachments of a neighboring dwelling, garage, other physical Structure or improvements onto the subject Property.

The Appraiser must notify the Mortgagee if, upon observation, it appears that an Encroachment affects the subject Property.

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(E) Easements and Deed Restrictions

(1) Definition

An Easement refers to an interest in land owned by another person, consisting of the right to use or control the land, or an area above or below it, for a specific limited purpose.

A Deed Restriction refers to a private agreement that restricts the use of real estate in some way, and is listed in the deed.

(2) Standard

The Appraiser must note the presence of any Easements and Deed Restrictions to assist the Mortgagee in determining eligibility.

(3) Required Analysis and Reporting

The Appraiser must analyze and report the effect that Easements and other legal restrictions, such as Deed Restrictions, may have on the use, value and marketability of the Property. The Appraiser must review recorded subdivision plats when available through the normal course of business.

iii. Externalities

(A) Definition

Externalities refer to off-site conditions that affect a Property's value. Externalities include heavy traffic, airport noise and hazards, special airport hazards, proximity to high pressure gas lines, Overhead Electric Power Transmission Lines and Local Distribution Lines, smoke, fumes, and other offensive or noxious odors, and stationary storage tanks.

(B) Standard

The Appraiser must report the presence of Externalities so that the Mortgagee can determine eligibility.

(C) Required Analysis and Reporting

The Appraiser must consider how Externalities affect the marketability and value of the Property, report the issue and the market's reaction, and address any positive or negative effects on the value of the subject Property within the approaches to value.

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(1) Heavy Traffic

The Appraiser must analyze and report if close proximity to heavily traveled roadways or railways has an effect on the marketability and value of a site because of excess noise and safety issues.

(2) Airport Noise and Hazards

The Appraiser must identify if the Property is affected by noise and hazards of low flying aircraft because it is near an airport. The Appraiser must review airport contour maps and analyze accordingly. The Appraiser must determine and report the marketability of the Property based on this analysis.

(3) Special Airport Hazards

The Appraiser must identify if the Property is located within a Runway Clear Zone (also known as a Runway Protection Zone) at a civil airport or Clear Zone military airfield and consider the effect of the airport hazards on the marketability when valuing the subject Property.

For Properties located in an Accident Potential Zone 1 (APZ 1) at military airfields, the Appraiser must require compliance with the Department of Defense (DoD) Guidelines and a buyer's acknowledgement.

(a) Existing Dwelling

The Appraiser must condition the appraisal on the Borrower's acknowledgment of the hazard.

(b) Proposed Construction, Under Construction, and Existing Less than One Year

The Appraiser must note that the Property is ineligible for FHA insurance and notify the Mortgagee.

(4) Proximity to High Pressure Gas Lines

The Appraiser must identify if the dwelling or related property improvement is near high-pressure gas or liquid petroleum pipelines or other volatile and explosive products, both aboveground and subsurface. The Appraiser must determine and report the marketability of the Property based on this analysis.

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the Property is not located more than 10 feet from the nearest boundary of the pipeline Easement.

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(5) Overhead Electric Power Transmission and Local Distribution Lines

(a) Definitions

Overhead Electric Power Transmission Lines refer to electric lines that supply power from power generation stations to Local Distribution Lines.

Local Distribution Lines refer to electric lines that commonly supply power to residential housing developments, similar facilities and individual Properties.

(b) Required Analysis and Reporting

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the Overhead Electric Power Transmission Lines or the Local Distribution Lines pass directly over any dwelling, Structure or related property improvement, including pools, spas, or water features.

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the dwelling or related property improvements are located within an Easement or if they appear to be located within an unsafe distance of any power line or tower.

The Appraiser must note and comment on the effect on marketability resulting from the proximity to such site hazards and nuisances. The Appraiser must also determine if the guidelines for [Encroachments](#) apply.

(6) Smoke, Fumes and Offensive or Noxious Odors

The Appraiser must notify the Mortgagee if excessive smoke, chemical fumes, noxious odors, stagnant ponds or marshes, poor surface drainage or excessive dampness threaten the health and safety of the occupants or the marketability of the Property.

The Appraiser must consider the effect of the condition in the valuation of the Property if the conditions exist but do not threaten the occupants or marketability.

(7) Stationary Storage Tanks

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the subject property line is located within 300 feet of an aboveground or subsurface stationary storage tank with a capacity of 1,000 gallons or more of flammable or explosive material. This includes domestic and commercial uses as well as automotive service station tanks.

iv. Site Conditions

(A) Access to Property

(1) Definition

Adequate Vehicular Access to Property refers to an all-weather road surface over which emergency and typical passenger vehicles can pass at all times.

(2) Required Analysis and Reporting

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the Property does not have safe pedestrian access and Adequate Vehicular Access from a public street or private street that is protected by a permanent recorded Easement, ownership interest, or is owned and maintained by an HOA. Shared driveways that are not part of an HOA must also meet these requirements.

The Appraiser must note whether there is safe pedestrian access and Adequate Vehicular Access to the site and analyze any effect on value or marketability.

The Appraiser must report evidence of a permanent Easement.

The Appraiser must ask if a maintenance agreement exists and comment on the condition of the private road or lane.

(B) Onsite Hazards and Nuisances

(1) Definition

Onsite Hazards and Nuisances refer to conditions that may endanger the health and safety of the occupants or the structural integrity or marketability of the Property.

(2) Standard

The Appraiser must report the presence of all Onsite Hazards and Nuisances so that the Mortgagee can determine eligibility and any corrective work that may be necessary to mitigate potential adverse effects from the special conditions.

(3) Required Analysis and Reporting

The Appraiser must note and comment on all Onsite Hazards and Nuisances affecting the Property. The Appraiser must also provide photographs of potential problems or issues to assist the Mortgagee in understanding the problem.

Special site conditions include rock formations, unstable soils or slopes, high ground water levels, springs, and other conditions that may have a negative effect on the value.

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The Appraiser must report any special conditions that may exist or arise during construction and necessitate precautionary or hazard mitigation measures.

(C) Topography

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the surface and subsurface water is not diverted from the dwelling to ensure positive drainage away from the foundation.

The Appraiser must make the appraisal subject to an inspection by a qualified individual or Entity if the purchase contract or any other documentation indicates, or if the Appraiser observes dampness because of a foundation issue.

The Appraiser must report to the Mortgagee any danger due to topographic conditions (e.g., earth and mudslides from adjoining properties, falling rocks and avalanches) to the subject Property or the adjoining land.

(D) Grading and Drainage

The Appraiser must check for readily observable evidence of grading and drainage problems. Proper drainage control measures may include gutters and downspouts or appropriate grading or landscaping to divert the flow of water away from the foundation.

The Appraiser must make the appraisal subject to repair if the grading does not provide positive drainage away from the improvements. The Appraiser must note any readily observable evidence of standing water adjacent to the foundation that indicates improper drainage. The Appraiser must report this in the “Site” section of the report, if the standing water is problematic.

(E) Suitability of Soil

The Appraiser must consider the readily observable soil and subsoil conditions of the site, including the type and permeability of the soil, the depth of the water table, surface drainage conditions, compaction, rock formations and other physical features that affect the value of the site, or its suitability for development or support of the existing improvements.

The Appraiser should also consider events and published reports regarding the instability of the soil and surface support of the land as related to the subject and proximate properties.

The Appraiser must analyze and report how this would affect the Property.

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(F) Land Subsidence and Sinkholes

(1) Definition

Land Subsidence refers to the lowering of the land-surface elevation from changes that take place underground, including damage caused by sinkholes.

(2) Standard

Danger of Land Subsidence may be encountered where buildings are constructed on uncontrolled fill or unsuitable soil containing foreign matter such as a high percentage of organic material, areas of mining activity or extraction of subsurface minerals, or where the subsoil or subsurface is unstable and subject to slippage or expansion. Typical signs include fissures or cracks in the terrain, damaged foundations, sinkholes or settlement problems.

(3) Required Analysis and Reporting

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if there is probable or imminent danger of Land Subsidence so that the Mortgagee can determine eligibility or the need to require the purchase of subsidence insurance.

The Appraiser must analyze and report any readily observable conditions of the surface of the land that indicate potential problems from subsidence or the potential for lack of support for the surface of the land or building foundations.

In mining areas, the Appraiser must analyze and report the depth or extent of mining operations and the site of operating or abandoned shafts or tunnels to determine if the danger is imminent, probable or negligible.

(G) Oil or Gas Wells

(1) Operating or Proposed

The Appraiser must examine the site for the existence of any readily observable evidence of an oil or gas well and report the distance from the dwelling.

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the dwelling is located within 75 feet of an operating or proposed well. The distance is measured from the dwelling to the site boundary, not to the actual well site.

(2) Abandoned

If the Appraiser notes an abandoned gas or oil well on the subject site or an adjacent Property, the Appraiser must stop work and notify the Mortgagee.

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The Appraiser may resume work when the Mortgagee provides a letter from local jurisdiction or the appropriate state agency, stating that the subject well was permanently abandoned in a safe manner.

The Appraiser may only complete the appraisal on a Property located near a gas well that emits hydrogen sulfide if the minimum clearance has been established by a petroleum engineer. The Appraiser must assess any impact that the location of the well has on the value and marketability of the Property.

Hydrogen Sulfide

Hydrogen sulfide gas emitted from petroleum product wells is toxic and extremely hazardous. Minimum clearance from sour gas wells may be established only after a petroleum engineer has assessed the risk and state authorities have concurred on clearance recommendations for petroleum industry regulation and for public health and safety.

The Appraiser may only complete an appraisal on a Property if the Mortgagee has required an inspection by a qualified person and provided evidence that the minimum clearance has been established.

(H) Slush Pits

(1) Definition

A Slush Pit refers to a basin in which drilling “mud” is mixed and circulated during drilling to lubricate and cool the drill bit and to flush away rock cuttings.

(2) Required Analysis and Reporting

If the Property has a Slush Pit, the Appraiser must make the appraisal subject to the removal of all unstable and toxic materials and the site made safe.

(I) Property Eligibility in Special Flood Hazard Areas

The Appraiser must review the Federal Emergency Management Agency (FEMA) [Flood Insurance Rate Map](#) (FIRM) and make appropriate notations on the applicable appraisal reporting form. If the Property appears to be located within a [Special Flood Hazard Area](#) (SFHA), the Appraiser must attach a copy of the flood map panel to the appraisal report.

The Appraiser must enter the FEMA zone designation on the reporting form, and identify the map panel number and map date. If the Property is not shown on any map, the Appraiser must enter “not mapped.” The Appraiser must quantify the effect on value, if any, for Properties situated within a designated SFHA.

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(J) Coastal Barrier Resources System

The Appraiser must stop work and notify the Mortgagee of the deficiency of MPR or MPS if the Property is located within a [Coastal Barrier Resources System](#) (CBRS) designated area.

The Appraiser must review the FEMA FIRM to determine if a Property is located within a CBRS. The FIRM will identify CBRS boundaries through patterns of backward-slanting diagonal lines, both solid and broken. If it appears that the Property is located in a CBRS, the Appraiser must review [CBRS location maps](#) to confirm.

(K) Lava Zones

When a Property is located in Hawaii, the Appraiser must review the U.S. Geological Survey (USGS) [Lava Flow Hazard Zone maps](#). The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the Property is located in Zones 1 or 2.

The Appraiser must report in the “Comments” section that the Property is in the Lava Flow Hazard Zone and provide the Zone Number.

(L) Mineral, Oil, and Gas Reservations or Leases

The Appraiser must analyze and report the degree to which the residential benefits may be impaired or the Property damaged by the exercise of the rights set forth in oil, gas, and mineral reservations or leases.

The Appraiser should consider the following:

- the infringement on the property rights of the fee owner caused by the rights granted by the reservation or lease; and
- the hazards, nuisances, or damages that may arise or accrue to the subject Property from exercise of reservation or lease privileges on neighboring properties.

(M) Soil Contamination

(1) Definition

Soil Contamination refers to the presence of manmade chemicals or other alterations to the natural soil environment.

(2) Standard

Conditions that indicate Soil Contamination include the existence of underground storage tanks used for heating oil, pools of liquid, pits, ponds, lagoons, stressed vegetation, stained soils or pavement, drums or odors.

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(3) Required Analysis and Reporting

The Appraiser must check readily observable evidence of Soil Contamination and hazardous substances in the soil. The Appraiser must report the proximity to dumps, landfills, industrial sites or other sites that could contain hazardous wastes that may have a negative influence on the marketability and/or value of the subject Property.

(N) Residential Underground Storage Tanks

The Appraiser must note any readily observable surface evidence of residential underground storage tanks, such as fill pipes, pumps, ventilation caps, etc. If there is readily observable evidence of leakage or onsite contamination, the Appraiser must make a requirement for further inspection.

v. New Construction Site Analysis

The Appraiser must obtain a fully executed form [HUD-92541](#), *Builder's Certification of Plans, Specifications, and Site*, signed and dated no more than 30 Days prior to the date the appraisal was ordered, before performing the appraisal on Proposed Construction, Properties Under Construction or Properties Existing Less than One Year.

The Appraiser must review the form and analyze and report any discrepancies between the information provided by the builder and the Appraiser's observations.

vi. Excess and Surplus Land

(A) Definition

Excess Land refers to land that is not needed to serve or support the existing improvement. The highest and best use of the Excess Land may or may not be the same as the highest and best use of the improved parcel. Excess Land may have the potential to be sold separately.

Surplus Land refers to land that is not currently needed to support the existing improvement but cannot be separated from the Property and sold off. Surplus Land does not have an independent highest and best use and may or may not contribute to the value of the improved parcels.

(B) Required Analysis and Reporting

The Appraiser must include the highest and best use analysis in the appraisal report to support the Appraiser's conclusion of the existence of Excess Land. The Appraiser must include Surplus Land in the valuation.

If the subject of an appraisal contains two or more legally conforming platted lots under one legal description and ownership, and the second vacant lot is capable of

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being divided and/or developed as a separate parcel where such a division will not result in a non-conformity in zoning regulations for the remaining improved lot, the second vacant lot is Excess Land. The value of the second lot must be excluded from the final value conclusion of the appraisal and the Appraiser must provide a value of only the principal site and improvements under a hypothetical condition.

vii. Characteristics of Property Improvements

(A) Requirements for Living Unit

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if each living unit does not contain any one of the following:

- a continuing and sufficient supply of safe and potable water under adequate pressure and of appropriate quality for all household uses;
- sanitary facilities and a safe method of sewage disposal. Every living unit must have at least one bathroom, which must include, at a minimum, a water closet, lavatory, and a bathtub or shower;
- adequate space for healthful and comfortable living conditions;
- heating adequate for healthful and comfortable living conditions;
- domestic hot water; or
- electricity adequate for lighting, cooking and for mechanical equipment used in the living unit.

FHA does not have a minimum size requirement for one- to four-family dwellings and condominium units. For Manufactured Housing requirements, see the [Manufactured Housing](#) section.

(B) Access to Living Unit

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if access to the living unit is not provided without passing through any other living unit or access to the rear yard is not provided without passing through any other living unit. For attached dwellings, the access may be by means of alley, Easement, common area or passage through the dwelling.

The Appraiser must report when the Property has security bars on bedroom windows or doors.

(C) Non-Standard House Styles

(1) Definition

Non-Standard House Style refers to unique Properties in the market area, including log houses, earth sheltered housing, dome houses, houses with lower than normal ceiling heights, and other houses that in the Appraiser's professional opinion, are unique.

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(2) Required Analysis and Reporting

The Appraiser must provide a comment that the non-standard house style appears structurally sound and readily marketable and must apply appropriate techniques for analysis and evaluation. In order for such a Property to be fully marketable, the Appraiser must demonstrate that it is located in an area of other similar types of construction and blend in with the landscape.

The Appraiser may require additional education, experience, or assistance for these types of Properties.

(D) Modular Housing

(1) Definition

Modular Housing refers to Structures constructed according to state and local codes off-site in a factory, transported to a building lot, and assembled by a contractor into a finished house. Although quality can vary, all of the materials – from framing, roofing and plumbing to cabinetry, interior finish and electrical – are identical to what is found in comparable quality conventional “stick-built” housing.

(2) Required Analysis and Reporting

The Appraiser must treat Modular Housing the same as stick-built housing, including reporting the appraisal on the same form. The Appraiser must select and analyze appropriate comparable sales, which may include conventionally built housing, Modular Housing or Manufactured Housing.

(E) Identifying an Accessory Dwelling Unit

(1) Definition

An Accessory Dwelling Unit (ADU) refers to a habitable living unit added to, created within, or detached from a primary one-unit Single Family dwelling, which together constitute a single interest in real estate. It is a separate additional living unit, including kitchen, sleeping, and bathroom facilities.

(2) Required Analysis and Reporting

As part of the highest and best use analysis, the Appraiser must make the determination to classify the Property as a Single Family dwelling with an ADU, or a two-family dwelling. The conclusion of the highest and best use analysis will then determine the classification of the Property and the analysis and reporting required.

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An ADU is usually subordinate in size, location and appearance to the primary Dwelling Unit and may or may not have separately metered utilities or separate means of ingress or egress. The Appraiser must not include the living area of the ADU in the calculation of the Gross Living Area (GLA) of the primary dwelling.

The Appraiser must notify the Mortgagee of the deficiency in MPR or MPS if more than one ADU is located on the subject Property.

(F) Additional Manufactured Home on Property

The Appraiser may consider a Manufactured Home to be an ADU if it meets the highest and best use and FHA requirements.

The Appraiser may value a Manufactured Home on the Property that physically or legally may not be used as a dwelling and does not pose any health and safety issues by its continued presence as a storage unit.

(G) Leased Equipment, Components, and Mechanical Systems

The Appraiser must not include the value of leased mechanical systems and components in the Market Value of the subject Property. This includes furnaces, water heaters, fuel or propane storage tanks, solar or wind systems (including power purchase agreements), and other mechanical systems and components that are not owned by the property owner. The Appraiser must identify such systems in the appraisal report.

d. Gross Living Area

i. Definition

Gross Living Area (GLA) refers to the total area of finished, above-grade residential space calculated by measuring the outside perimeter of the Structure. It includes only finished, habitable, above-grade living space.

ii. Required Analysis and Reporting

The Appraiser must:

- identify non-contiguous living area and analyze its effect on functional utility;
- ensure that finished basements and unfinished attic areas are not included in the total GLA; and
- use the same measurement techniques for the subject and comparable sales, and report the building dimensions in a consistent manner.

When any part of a finished level is below grade, the Appraiser must report all of that level as below-grade finished area, and report that space on a different line in the appraisal report, unless the market considers it to be Partially Below-Grade Habitable Space.

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In the case of non-standard Properties and floor plans, the Appraiser must observe, analyze, and report the market expectations and reactions to the unique Property.

iii. Additions and Converted Space

The Appraiser must treat room additions and garage conversions as part of the GLA of the dwelling, provided that the addition or conversion space:

- is accessible from the interior of the main dwelling in a functional manner;
- has a permanent and sufficient heat source; and
- was built in keeping with the design, appeal, and quality of construction of the main dwelling.

Room additions and garage conversions that do not meet the criteria listed above are to be addressed as a separate line item in the sales grid, not in the GLA. The Appraiser must address the impact of inferior quality garage conversions and room additions on marketability as well as Contributory Value, if any.

The Appraiser must analyze and report differences in functional utility when selecting comparable properties of similar total GLA that do not include converted living space. If the Appraiser chooses to include converted living spaces as GLA, the Appraiser must include an explanation detailing the composition of the GLA reported for the comparable sales, functional utility of the subject and comparable properties, and market reaction.

Alternatively, the Appraiser may consider and analyze converted living spaces on a separate line within the sales comparison grid including the functional utility line in order to demonstrate market reaction.

The Appraiser must not add an ADU or secondary living area to the GLA.

iv. Partially Below-Grade Habitable Space

(A) Definition

Partially Below-Grade Habitable Space refers to living area constructed partially below grade, but has the full utility of GLA.

(B) Required Analysis and Reporting

The Appraiser must report the design and measurements of the subject, the market acceptance or preference, how the levels and areas of the dwelling are being calculated and compared, and the effect that this has on the analysis.

Regardless of the description of the rooms, bedrooms or baths as above grade or below grade, the Appraiser must analyze all components of the subject Property in the valuation process.

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v. Bedrooms

The Appraiser must not identify a room as a bedroom that cannot accommodate ingress or egress in the event of an emergency, regardless of location above or below grade.

e. Appliances

i. Definition

Real Property refers to the interests, benefits, and rights inherent in the ownership of physical real estate.

Personal Property refers to tangible property, other than Real Property, such as cars, recreational vehicles, stamps, coins or other collectibles.

ii. Standard

Cabinets and built-in appliances that are considered Real Property must be present and operational.

iii. Required Analysis and Reporting

The Appraiser must note appliances present in the house at the time of observation and indicate whether that appliance is considered Personal Property or Real Property. The Appraiser must operate all conveyed appliances and observe their performance.

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if any conveyed appliances are inoperable.

f. Swimming Pools

The Appraiser must report readily observable defects in a non-covered pool that would render the pool inoperable or unusable. If the pool water contains algae and is aesthetically unappealing, but the Appraiser has no evidence that the pool is otherwise contaminated, no cleaning is required. Swimming pools must be operational to provide full Contributory Value.

The Appraiser must condition the appraisal report for pools with unstable sides or structural issues to be repaired or permanently filled in accordance with local guidelines, and the surrounding land re-graded if necessary.

If the swimming pool has been winterized, or the Appraiser cannot determine if the pool is in working order, the Appraiser must complete the appraisal with the extraordinary assumption that the pool and its equipment can be restored to full operating condition at normal costs.

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g. Mechanical Components and Utilities

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if mechanical systems are not safe to operate; not protected from destructive elements; do not have reasonable future utility, durability and economy; or do not have adequate capacity.

The Appraiser must observe the physical condition of the plumbing, heating and electrical systems. The Appraiser must operate the applicable systems and observe their performance. If the systems are damaged or do not function properly, the Appraiser must condition the appraisal on its repair or further inspection.

If the Property is vacant, the Appraiser must note in the report whether the utilities were on or off at the time of the appraisal.

If the utilities are not on at the time of observation and the systems could not be operated, the Appraiser must:

1. render the appraisal as subject to re-observation;
2. condition the appraisal upon further observation to determine if the systems are in proper working order once the utilities are restored; and
3. complete the appraisal under the extraordinary assumption that utilities and mechanical systems, and appliances are in working order.

The Appraiser must note that the re-observation may result in additional repair requirements once all the utilities are on and fully functional.

If systems could not be operated due to weather conditions, the Appraiser must clearly note this in the report. The Appraiser should not operate the systems if doing so may damage equipment or when outside temperatures will not allow the system to operate.

Electrical, plumbing, or heating/cooling certifications may be required when the Appraiser cannot determine if one or all of these systems are working properly.

i. Heating and Cooling Systems

The Appraiser must examine the heating system to determine if it is adequate for healthful and comfortable living conditions, regardless of design, fuel or heat source.

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the permanently installed heating system does not:

- automatically heat the living areas of the house to a minimum of 50 degrees Fahrenheit in all GLAs, as well as in non-GLAs containing building or system components subject to failure or damage due to freezing;
- provide healthful and comfortable heat or is not safe to operate;
- rely upon a fuel source that is readily obtainable within the subject's geographic area;
- have market acceptance within the subject's marketplace; and
- operate without human intervention for extended periods of time.

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Central air conditioning is not required but, if installed, must be operational. If the air conditioning system is not operational, the Appraiser must indicate the level of deferred maintenance, analyze and report the effect on marketability, and include the cost to cure.

ii. Electrical System

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the electrical system is not adequate to support the typical functions performed in the dwelling without disruption, including appliances adequate for the type and size of the dwelling.

The Appraiser must examine the electrical system to ensure that there is no visible frayed wiring or exposed wires in the dwelling, including garage and basement areas, and report if the amperage and panel size appears inadequate for the Property. The Appraiser must operate a sample of switches, lighting fixtures, and receptacles inside the house and garage, and on the exterior walls, and report any deficiencies. The Appraiser is not required to insert any tool, probe or testing device inside the electrical panel or to dismantle any electrical device or control.

iii. Plumbing System

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the plumbing system does not function to supply water pressure, flow and waste removal.

The Appraiser must flush the toilets and operate a sample of faucets to check water pressure and flow, to determine that the plumbing system is intact, that it does not emit foul odors, that faucets function appropriately, that both cold and hot water run, and that there is no readily observable evidence of leaks or structural damage under fixtures.

The Appraiser must examine the water heater to ensure that it has a temperature and pressure-relief valve with piping to safely divert escaping steam or hot water.

If the Property has a septic system, the Appraiser must examine it for any signs of failure or surface evidence of malfunction. If there are deficiencies, the Appraiser must require repair or further inspection.

h. Roof Covering

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the roof covering does not prevent entrance of moisture or provide reasonable future utility, durability and economy of maintenance and does not have a remaining physical life of at least two years.

The Appraiser must observe the roof to determine whether there are deficiencies that present a health and safety hazard or do not allow for reasonable future utility. The Appraiser must identify the roofing material type and the condition observed in the “Improvements” section of the report.

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The Appraiser must report if the roof has less than two years of remaining life, and make the appraisal subject to inspection by a professional roofer.

When the Appraiser is unable to view the roof, the Appraiser must explain why the roof is unobservable and report the results of the assessment of the underside of the roof, the attic, and the ceilings.

i. Structural Conditions

The Appraiser must report on structural conditions so that the Mortgagee can determine if the foundation and Structure of the Property will be serviceable for the life of the Mortgage.

The Appraiser must perform a visual observation of the foundation and Structure of the improvements and report those results. If the Appraiser notes any structural issues, the Appraiser must address the nature of the deficiency in the appraisal where physical deficiencies or adverse conditions are reported and require inspection.

j. Defective Paint

If the dwelling or related improvements were built after 1978, the Appraiser must report all defective paint surfaces on the exterior and require repair of any defective paint that exposes the subsurface to the elements.

If the dwelling or related improvements were built on or before December 31, 1978, refer to the section on [Lead-Based Paint](#).

k. Attic Observation Requirements

The Appraiser must observe the interiors of all attic spaces.

The Appraiser is not required to disturb insulation, move personal items, furniture, equipment or debris that obstructs access or visibility. If unable to view the area safely in their entirety, the Appraiser must contact the Mortgagee and reschedule a time when a complete visual observation can be performed, or complete the appraisal subject to inspection by a qualified third party. In cases where access through a scuttle is limited and the Appraiser cannot fully enter the attic, the insertion of at least the head and shoulders of the Appraiser will suffice.

If there is evidence of a deficient condition (such as a water-stained ceiling, insufficient ventilation, or smell of mold), the Appraiser must report this condition, and render the appraisal subject to inspection and repairs if necessary.

If there is no access or scuttle, the Appraiser must report the lack of accessibility to the area in the appraisal report. There is no requirement to cut open walls, ceilings or floors.

An observation performed in accordance with these guidelines is visual and is not technically exhaustive.

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I. Foundation

The Appraiser must examine the foundation for readily observable evidence of safety or structural deficiencies that may require repair. If a deficiency is noted, the Appraiser must describe the nature of the deficiency and report necessary repairs, alterations or required inspections in the appraisal where physical deficiencies or adverse conditions are reported.

For [Manufactured Housing](#), the appraisal must be conditioned upon the certification of an engineer or architect that the foundation is in compliance with the [Permanent Foundations Guide for Manufactured Housing \(PFGMH\)](#).

i. Basement

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the basement is not free of dampness, wetness, or obvious structural problems that might affect the health and safety of occupants or the soundness of the Structure.

ii. Sump Pumps

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the sump pump is not properly functioning at the time of appraisal. A sump pump may be hard-wired by an acceptable wiring method or may have a factory electrical cord that is to be connected to a receptacle suitable for such use.

m. Crawl Space Observation Requirements

The Appraiser must visually observe all areas of the crawl space and notify the Mortgagee of the deficiency of MPR and MPS when the crawl space does not satisfy any of the following criteria:

- The floor joists must be sufficiently above ground level to provide access for maintaining and repairing ductwork and plumbing.
- If the crawl space contains any system components, the minimum required vertical clearance is 18 inches between grade and the bottom of the floor joists.
- The crawl space must be properly vented unless the area is mechanically conditioned.
- The crawl space must be free of trash, debris, and vermin.
- The crawl space must not be excessively damp and must not have any water pooling. If moisture problems are evident, a vapor barrier and/or prevention of water infiltration must be required.

The Appraiser must report any evidence that may indicate issues with structural support, dampness, damage, or vermin that may affect the safety, soundness and security of the Property.

In cases where access through a scuttle is limited, and the Appraiser cannot fully enter the crawl space, the insertion of at least the head and shoulders of the Appraiser will suffice. If there is no access to the crawl space but there is evidence of a deficient condition (such as

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water-stained subflooring or smell of mold), the Appraiser must report this condition and the Mortgagee must have a qualified third party perform an inspection.

If there is no access, the Appraiser must report the lack of accessibility to the area in the appraisal report. There is no requirement to cut open walls, ceilings or floors.

Not all houses (especially historic houses) with a vacant area beneath the flooring are considered to have a crawl space; it may be an intentional void, with no mechanical systems and no intention or reason for access.

n. Environmental and Safety Hazards

The Appraiser must report known environmental and safety hazards and adverse conditions that may affect the health and safety of the occupants, the Property's ability to serve as collateral, and the structural soundness of the improvements.

Environmental and safety hazards may include defective lead-based paint, mold, toxic chemicals, radioactive materials, other pollution, hazardous activities, and potential damage to the Structure from soil or other differential ground movements, subsidence, flood, and other hazards.

i. Lead-Based Paint

(A) Improvements Built on or Before 1978

The Appraiser must note the condition and location of all defective paint and require repair in compliance with [24 CFR § 200.810\(c\)](#) and any applicable EPA requirements. The Appraiser must observe all interior and exterior surfaces, including common areas, stairs, deck, porch, railings, windows and doors, for defective paint (cracking, scaling, chipping, peeling, or loose). Exterior surfaces include those surfaces on fences, detached garages, storage sheds, and other outbuildings and appurtenant Structures.

(B) Condominium Units Built on or Before 1978

The Appraiser must observe the interior of the unit, common unit and exterior surfaces and appurtenant Structures of the specific unit being appraised; and address the overall condition, maintenance and appearance of the Condominium Project. The Appraiser must note the condition and location of all defective paint in the unit, common area and exterior, and require repair in compliance with [24 CFR § 200.810\(c\)](#) and any applicable EPA requirements.

ii. Methamphetamine Contaminated Property

If the Mortgagee notifies the Appraiser or the Appraiser has evidence that a Property is contaminated by the presence of methamphetamine (meth), either by its manufacture or

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by consumption, the Appraiser must render the appraisal subject to the Property being certified safe for habitation.

If the effective date of the appraisal is prior to certification that the Property (site and dwelling) is safe for habitation, the Appraiser will complete the appraisal subject to certification that the Property is safe for habitation.

If the effective date of the appraisal is after certification that the Property (site and dwelling) is safe for habitation, and the Mortgagee has provided a copy of the certification by the certified hygienist, the Appraiser must include a copy of the certification in the appraisal report.

The Appraiser must analyze and report any long-term stigma caused by the Property's contamination by meth and the impact on value or marketability.

iii. Wood Destroying Insects/Organisms/Termites

The Appraiser must observe the foundation and perimeter of the buildings for evidence of wood destroying pests. The Appraiser's observation is not required to be at the same level as a qualified pest control specialist.

If there is evidence or notification of infestation, including a prior treatment, the Appraiser must mark the evidence of infestation box in the "Improvements" section of the appraisal and make the appraisal subject to inspection by a qualified pest control specialist.

o. Repair Requirements

When examination of New or Existing Construction reveals non-compliance with MPR and MPS, the Appraiser must report the repairs necessary to make the Property comply, provide an estimated cost to cure, provide descriptive photographs, and condition the appraisal for the required repairs.

If compliance can only be effected by major repairs or alterations, the Appraiser must report all readily observable property deficiencies, as well as any adverse conditions discovered performing the research involved in completion of the appraisal, within the reporting form.

Regardless of the Appraiser's suggested repairs, the Mortgagee will determine which repairs are required.

i. Limited Required Repairs

The Appraiser must limit required repairs to those repairs necessary to:

- maintain the safety, security and soundness of the Property;
- preserve the continued marketability of the Property; and
- protect the health and safety of the occupants.

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ii. As-Is Condition and Cosmetic Repairs

The Appraiser may complete an as-is appraisal for existing Properties when minor property deficiencies, which generally result from deferred maintenance and normal wear and tear, do not affect the health and safety of the occupants or the security and soundness of the Property. Cosmetic or minor repairs are not required, but the Appraiser must report and consider them in the overall condition when rating and valuing the Property. Cosmetic repairs include missing handrails that do not pose a threat to safety, holes in window screens, cracked window glass, defective interior paint surfaces in housing constructed after 1978, minor plumbing leaks that do not cause damage (such as a dripping faucet), and other inoperable or damaged components that in the Appraiser's professional judgment do not pose a health and safety issue to the occupants of the house.

If an element is functioning well but has not reached the end of its useful life, the Appraiser should not recommend replacement because of age.

iii. Defective Conditions Requiring Repair

The nature and degree of any noted deficiency will determine whether the Appraiser must address the deficiency in the narrative comments area of the report under "condition of the property" or "physical deficiencies" affecting livability or structural soundness.

iv. Conditions Requiring Inspection by a Qualified Individual or Entity

The Appraiser must notify the Mortgagee and make the appraisal subject to an inspection by a qualified individual or Entity when the observation reveals evidence of a potential safety, soundness, or security issue beyond the Appraiser's ability to assess. The Appraiser must report and describe the indication of a particular problem when requiring an inspection of any mechanical system, structural system, or other component requiring a repair.

p. Utility Services

i. Definition

Utility Services refer to those services consumed by the public such as individual electric, water, natural gas, sewage, and telephone.

ii. Required Analysis and Reporting

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if the subject Property is an attached, detached, or manufactured Single Family dwelling and the utilities are not independent for each living unit. This does not apply to ADUs.

The Appraiser must also notify the Mortgagee of the deficiency of MPR or MPS if utilities are not located on Easements that have been permanently dedicated to the local government or appropriate public utility body.

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(A) Multiple Living Units Under Single Ownership

The Appraiser should not note a deficiency of MPR or MPS if the Property contains multiple living units under a single Mortgage or ownership (two- to four-family Properties) that utilize common services, such as water, sewer, gas and electricity and is served by one meter in jurisdictions that allow single meter rental properties, unless separate utility service shut-offs are not provided for each.

The Appraiser must notify the Mortgagee of the deficiency of MPR or MPS if other facilities are not independent for each living unit, except common services such as laundry, storage space or heating, which may be provided in two- to four-living unit buildings under a single Mortgage.

(B) Living Units Under Separate Ownership

The Appraiser should not note the deficiency of MPR or MPS if the Property contains living units under separate ownership and part of a larger planned community, that utilize common utility services provided from the main to the building line when protected by an Easement or covenant and maintenance agreement, unless individual utilities serving a living unit pass over, under, or through another living unit without provision for repair and maintenance of utilities without trespass on adjoining properties, or legal provision for permanent right of access for maintenance and repair of utilities.

If a single drain line in the building serves more than one unit, and the building drain clean-outs are not accessible from the exterior, the Appraiser must note the deficiency of MPR or MPS to the Mortgagee.

iii. Individual Water Supply Systems

(A) Definition

An Individual Water Supply System refers to a potable water source providing water to an individual Property.

(B) Standard

When an Individual Water Supply System is present, water quality must meet the requirements of the health authority with jurisdiction. If there are no local (or state) water quality standards, then water must be potable, which may be demonstrated by compliance with the current [EPA Manual of Individual and Non-Public Water Supply Systems](#).

Soil poisoning is an unacceptable method for treating termites unless satisfactory assurance is provided that the treatment will not endanger the quality of the water supply.

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(C) Required Analysis and Reporting

When the Appraiser obtains evidence that any of the water quality requirements are not met, the Appraiser must notify the Mortgagee and provide a cost cure.

(1) Conditions for Individual Water Supplies

The Appraiser must note the deficiency of MPR or MPS if the subject Property contains a well located within the foundation walls of an existing dwelling and there is no evidence that the local jurisdiction recognizes and permits such a location, that it is common for the market area, and does not adversely affect marketability unless the well is located within the foundation walls of a New Construction dwelling in an arctic or sub-arctic region.

The Appraiser must report when water to a Property is supplied by dug wells, cisterns or holding tanks used in conjunction with water purchased and hauled to the site. The Appraiser must report whether such systems are readily accepted by local market participants and that the water supply system may violate MPR or MPS.

The Appraiser must note the deficiency of MPR or MPS if the subject Property has a water source that includes a mechanical chlorinator or is served by springs, lakes, rivers, sand-point or artesian wells.

A pressure tank with a minimum capacity of 42 gallons must be provided. However, pre-pressured tanks and other pressurizing devices are acceptable if delivery between pump cycles equal or exceed that of a 42-gallon tank. Tanks must be equipped with a clean-out plug at the lowest point and a suitable pressure relief valve.

(2) Required Analysis and Reporting

The Appraiser must note any readily observable deficiencies regarding the well and require test or inspection if any of the following apply:

- the water supply relies upon a water purification system due to the presence of contaminates;
- corrosion of pipes (plumbing);
- areas of intensive agricultural uses within one quarter mile;
- coal mining or gas drilling operations within one quarter mile;
- a dump, junkyard, landfill, factory, gas station, or dry cleaning operation within one quarter mile; or
- an unusually objectionable taste, smell, or appearance of well water.

The Appraiser must also be familiar with the [minimum distance requirements](#)  between private wells and sources of pollution and, if discernible, comment on them. The Appraiser is not required to sketch or note distances between the well, property lines, septic tanks, drain fields, or building Structures but may provide

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estimated distances where they are comfortable doing so. When available, the Appraiser should obtain from the homeowner or Mortgagee a copy of a survey or other documents attesting to the separation distances between the well and septic system or other sources of pollution.

iv. Shared Wells

(A) Definition

A Shared Well refers to a well that services two to four homes where there is a binding [Shared Well Agreement](#) between the property owners that meets FHA requirements.

(B) Required Analysis and Reporting

If the Property has a Shared Well, the Appraiser must report it and note any readily observable deficiencies. The Appraiser must also obtain a Shared Well Agreement and include it in the appraisal report so that the Mortgagee may review the agreement to determine eligibility. The Appraiser must also require an [inspection under the same circumstances as an individual well](#).

v. Community Water Systems

(A) Definition

A Community Water System refers to a central system that is owned, operated and maintained by a private corporation or a nonprofit property owners' association.

(B) Required Analysis and Reporting

If the Property is on a Community Water System, the Appraiser must note the name of the water company on the appraisal report.

The Appraiser must report on the availability of connection to public and/or Community Water System or sewer system, and any jurisdictional conditions requiring connection.

q. Onsite Sewage Disposal Systems

i. Definition

An Onsite Sewage Disposal System refers to wastewater systems designed to treat and dispose of effluent on the same Property that produces the wastewater.

ii. Required Analysis and Reporting

The Appraiser must note the deficiency of MPR or MPS and notify the Mortgagee if the Property is not served by an off-site sewer system and any living unit is not provided with

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an Onsite Sewage Disposal System adequate to dispose of all domestic wastes in a manner that will not create a nuisance, or in any way endanger the public health.

The Appraiser must visually inspect the Onsite Sewage Disposal System and its surrounding area. The Appraiser must require an inspection to ensure that the system is in proper working order if there are readily observable signs of system failure. The Appraiser must report on the availability of public sewer to the site.

The Appraiser must note the deficiency of MPR or MPS and notify the Mortgagee if the Appraiser has evidence that the Onsite Sewage Disposal System is not sufficient.

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a. Photograph, Exhibits and Map Requirements

The Appraiser must include a legible street map showing the location of the subject and each of the comparable properties, including sales, rentals, listings, and other data points utilized. If substantial distance exists between the subject and comparable properties, additional legible maps must be included.

The Appraiser must include a building sketch showing the GLA, all exterior dimensions of the house, patios, porches, decks, garages, breezeways, and any other attachments or out buildings contributing value. The sketch must show “covered” or “uncovered” to indicate a roof or no roof (such as over a patio). The Appraiser must show the calculations used to arrive at the estimated GLA. The Appraiser must provide an interior sketch or floor plan for Properties exhibiting functional obsolescence attributable to the floor plan design.

The Appraiser must provide photographs as required in the table below and any additional exterior and interior photographs, reports, studies, analysis, or copies of prior listings in support of the Appraiser’s observation and analysis.

FHA Minimum Photograph Requirements	
Photograph Exhibit	Minimum Photograph Requirement
Subject Property Exterior	<ul style="list-style-type: none">• Front and rear at opposite angles to show all sides of the dwelling• Improvements with Contributory Value not captured in the front or rear photograph• Street scene photograph to include a portion of the subject site• For New Construction, include photographs that depict the subject’s grade and drainage• For Proposed Construction, a photograph that shows the grade of the vacant lot