SECTION 311000

SITE CLEARING

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***NOTE TO SPECIFIER***

*Use this Specification Section for Mail Processing Facilities.*

***This is a Type 2 Specification with primarily editable text; therefore, most of the text can be edited, but there is some required text which is noted within the Section with a “Note to Specifier.” Do not revise these paragraphs without an approved Deviation from USPS Headquarters, Facilities Program Management, through the USPS Project Manager.***

*For Design/Build projects, do not delete the Notes to Specifier in this Section so that they may be available to Design/Build entity when preparing the Construction Documents.*

*For the Design/Build entity, this specification is intended as a guide for the Architect/Engineer preparing the Construction Documents.*

*The MPF specifications may also be used for Design/Bid/Build projects. In either case, it is the responsibility of the design professional to edit the Specifications Sections as appropriate for the project.*

*Text shown in brackets must be modified as needed for project specific requirements.* *See the “Using the USPS Guide Specifications” document in Folder C for more information.*

*The last date that USPS revised this standard specification section occurs in two places, at the end of this section and in the Table of Contents. If the date in this section matches the date in the Table of Contents, then you are using the latest version. Do not delete or revise the “last revised” date at the end of the section during the development of the Project Manual.*

*The footer in this section should be edited to replace the text, “USPS MPF SPECIFICATION” with the project name, and the blank date in the center should be replaced with the submission date, for interim design reviews, or the issue date of the completed Project Manual.*

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1. GENERAL
	1. SUMMARY
		1. Section Includes:
			1. Cleaning site of debris, grass, trees and other plant life in preparation for site or building excavation Work.
			2. Protection of existing structures, trees or vegetation indicated to remain.
			3. Stripping topsoil from areas indicated.
		2. Related Documents: The Contract Documents, as defined in Section 011000 - Summary of Work, apply to the Work of this Section. Additional requirements and information necessary to complete the Work of this Section may be found in other Documents.
		3. Related Sections:
			1. Section 013543 - Environmental Procedures: Recycling and reuse of waste materials.
			2. Section 024113 ‑ Selective Site Demolition: Demolition and removal of site structures.
			3. Section 312000 ‑ Earth Moving: Cutting, filling, and grading for proposed site improvements.
	2. QUALITY ASSURANCE
		1. Regulatory Requirements:
			1. Obtain required permits and licenses in accordance with requirements of Federal Clean Water Act (CWA) and Water Quality Act (WQA). File Notice of Intent (NOI) with United States Environmental Protection Agency, or appropriate state agency where project is located.
			2. Provide temporary erosion control systems as indicated on Drawings or as directed by Owner's Representative to protect adjacent properties and water resources from erosion and sedimentation.
			3. CWA (1972) and WQA (1987) Requirements:
				1. Where Work on this project will disturb 1 or more acres, do not start Work without obtaining a "National Pollution Discharge Elimination System" (NPDES) permit governing discharge of storm water from project site for duration of Contract. Prepare and obtain approval of a "Storm Water Pollution Prevention Plan" (SWP3) that includes monitoring of erosion control measures for duration of Contract.
				2. Provide storm water management in accordance with NPDES permit, SWP3 and for any enforcement action taken or imposed by Federal or State agencies, including cost of fines, construction delays and remedial actions resulting from failure to comply with all provisions of NPDES permit and SWP3.
				3. Keep SWP3 on site and make available for inspection by appropriate authority having jurisdiction at any time.
	3. PROJECT CONDITIONS OR SITE CONDITIONS
		1. Existing Conditions:
			1. Notify the Contracting Officer of variations to conditions or discrepancies in actual site conditions prior to start of site preparation Work.
			2. Traffic: Conduct operations and removal of debris with minimum interference to roads, streets, walks, and other adjacent facilities. Do not close or obstruct streets, walks or other facilities without permission from authorities having jurisdiction.
			3. Protections: Provide protection for safe passage of persons around area of site preparation. Take precautions and conduct operations to prevent injury to adjacent buildings, structures, other facilities, and persons.
				1. Provide interior and exterior shoring, bracing, or support to prevent movement, settlement or collapse of structures to be demolished and adjacent facilities to remain.
2. PRODUCTS

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**NOTE TO SPECIFIER**

OPTION 1: Use "Not Used" where NO TOPSOIL material used for Site Preparation.

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**NOTE TO SPECIFIER**

OPTION 2: Use MATERIALS when topsoil material is used for Site Preparation. Edit paragraph "Topsoil" for the specific conditions of the project site.

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* 1. MATERIALS
		1. Topsoil: Friable clay loam surface soil containing humus, organic matter, found in a depth of not less than 4 inches free of subsoil, clay lumps, stones, and other objects over 2 inches in diameter, and without weeds, roots, and other unsuitable material.
1. EXECUTION
	1. EXAMINATION
		1. Section 017300 - Execution: Verification of existing conditions before starting work.
		2. Verification of Conditions: Verify that field measurements, surfaces, substrates and conditions are as required, and ready to receive Work.
			1. Locate existing utilities as specified in Section 312000.
			2. Verify that survey benchmark and intended elevations for the Work are as indicated and are not located in an area that may be damaged.
			3. Verify that existing plant life and clearing limits are clearly tagged, identified and marked in such a manner as to insure their safety throughout construction operations.
		3. Report in writing to Contracting Officer prevailing conditions that will adversely affect satisfactory execution of the Work of this Section. Do not proceed with Work until unsatisfactory conditions have been corrected.

D. By beginning Work, Contractor accepts conditions and assumes responsibility for correcting unsuitable conditions encountered at no additional cost to the United States Postal Service.

* 1. PREPARATION
		1. Provide temporary erosion control systems as indicated on Drawings or as directed by Contracting Officer to protect project site and adjacent properties and water resources from erosion and sedimentation.
	2. CLEARING
		1. Clear areas required for access to site and execution of Work.
		2. Remove trees, shrubs, grass, other vegetation, improvements, or obstructions interfering with installation of Work as indicated on Drawings. Removal includes digging out stumps and roots. Fill depressions caused by clearing and grubbing operations to subgrade elevation. Prevent water ponding. Place suitable fill material in horizontal layers not exceeding 8 inches loose depth, and compact as specified herein and in Section 312000.

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**NOTE TO SPECIFIER**

**REQUIRED**: Do not revise the paragraph below without an approved Deviation from USPS Headquarters, Facilities Program Management, through the USPS Project Manager.

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* + 1. Remove grass, trees, plant life, stumps and all other construction debris from site.
			1. Collect, recycle, reuse, and dispose of demolished materials as specified in Section 013543 - Environmental Procedures and as approved by the U.S. Postal Service in the Solid Waste Management and Environmental Protection Plan.
				1. Mulch: Identify organic debris that is free of disease, pest infestation, and chemical contamination and that is suitable for recycling on site. Chip and compost suitable organic debris for use as mulch on site. Stockpile where indicated on Drawings or directed by Contracting Officer. Coordinate with mulch requirements of Section 329200 - Turf and Grasses and Section 329300 - Plants.
	1. TOPSOIL EXCAVATION
		1. Strip topsoil from areas that are indicated to be filled, excavated, landscaped, or re‑graded to depth that prevents contact with underlying subsoil or unsuitable material. Where trees are indicated to remain, stop topsoil stripping sufficient distance from tree to prevent damage to main root system.
		2. Cut heavy growths of grass from areas prior to start of stripping. Remove heavy growths of grass along with clearing of other vegetation materials.
		3. Topsoil: Organic surface soil found in depth not less than 6 inches.
		4. Satisfactory Topsoil: Soil reasonably free of subsoil, clay lumps, stones and other objects over 2 inches in diameter, weeds, roots, and other unsuitable material.
		5. Stockpile topsoil where indicated on Drawings or directed by Contracting Officer. Construct stockpile areas to positively drain surface water. Cover stockpile areas as required to prevent windblown dust. Dispose of unsuitable topsoil off-site as specified clearing, unless directed otherwise by Contracting Officer. Dispose of excess topsoil off-site as specified for clearing, unless directed otherwise by Contracting Officer.
	2. REMOVAL
		1. Remove debris, rock, extracted plant life, paving, curbs, and other structures indicated on Drawings as specified in Section 024113.

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* + - 1. Collect, recycle, reuse, and dispose of demolished materials as specified in Section 013543 - Environmental Procedures and as approved by the U.S. Postal Service in the Solid Waste Management and Environmental Protection Plan.
	1. PROTECTION
		1. Protect existing streets, structures, and utilities as specified in Section 312000.
		2. Protect trees, plant growth, and features indicated to remain.
		3. Protect natural resources as specified in Section 013543 - Environmental Procedures and as approved by the U.S. Postal Service in the Solid Waste Management and Environmental Protection Plan.

END OF SECTION

USPS MPF Specification Last Revised: 10/1/2022