NEPA REVIEW SCREENING FORM (NRSF)
Categorically Excluded Actions

Document ID #: HFO/CX-00251

I. Project Title:
U.S. Department of Energy (DOE) Hanford Site 200 West Area 222-S Laboratory Operations Center Relocation (LOCR)

II. Describe the proposed action, including location, time period over which proposed action will occur, project dimension *(e.g., acres displaced/disturbed, excavation length/depth)*, and area/location/number of buildings. Attach narratives, maps and drawings of proposed action. Describe existing environmental conditions and potential for environmental impacts from the proposed action. If the proposed action is not a project, describe the action or plan.

Background

A DOE strategic goal is to meet the challenges of cleaning up the nation's Manhattan Project and Cold War legacy. To accomplish this goal, the DOE Office of Environmental Management (DOE-EM) must reduce its environmental liabilities through accelerated cleanup of high-risk areas, resulting in risk reduction and returning land for its projected future use. This goal must be accomplished in a manner protective of human health and the environment. The DOE Hanford Field Office (DOE-HFO), under authority, ownership, and stewardship of the DOE-EM, is overseeing the management and operations of the DOE Hanford Site in an extensive effort to clean up certain contaminated areas resulting from past Manhattan Project and Cold War nuclear weapons (plutonium) production and supporting activities for the nation's defense programs, that began during World War II in 1944 and lasted through 1987. Today, DOE-HFO's primary mission is management and safe environmental cleanup of mixed radioactive and chemically hazardous waste in underground storage tanks, including protection of the Columbia River.

Constructed in the early 1950s, the 222-S Laboratory (Lab), located in the DOE Hanford Site 200 West Area, has been providing analytical services to the site for over 70 years and will continue to do so in support of the site's remediation of legacy nuclear waste and other hazards [e.g., tank waste retrieval and treatment activities. Currently, under DOE-HFO management, Hanford Laboratory Management and Integration LLC (HLMI) is executing contract management, operation, and maintenance of the 222-S Lab, which continues as the primary on site laboratory for analyses of a wide variety of highly radioactive air, liquid, soil, sludge, and biological samples in support of DOE's accelerated completion of the site's environmental clean-up mission, especially in the site's 200 West and East Areas (aka the Central Plateau). The lab's services also include, but are not limited to, receiving radiological samples; handling, analyzing, storing samples; performing special tests; and reporting the results to the DOE-HFO and its contractors. In accordance with its contract, HLMI is required to comply with all current applicable environmental regulatory requirements, including NEPA compliance.

Proposed Action

To support increased activities and mitigate potential risks to the Lab's operability to support DOE's accelerated completion of the site's environmental cleanup mission, DOE-HFO and HLMI propose to construct and operate a new Laboratory Operations Center (LOC). The primary purpose and need for the LOC would meet the expanding overall needs of the Lab, particularly in light of the intensified operational demands expected in the coming years. The LOC would involve the disassembly and relocation of currently unoccupied mobile office trailers MO-2191 and MO-2199, located north of the Reduction-Oxidation Plant (REDOX) in the site's 200 West Area. These mobile office trailers would be relocated to an approximate 7,920 ft2 vacant land area, adjacent to and southwest of the Lab's existing complex of facilities, where they would be reassembled and upgraded.

The LOC would house the Lab's communications hub [e.g., shift office and Incident Command Post (ICP) for emergency response coordination]; a main fire panel; showers and locker rooms; kitchens and lunchrooms; conference rooms and offices to support for expanded Lab analytical and facility operations. In fiscal year (FY) 2016 and FY 2018, pre-conceptual and detailed design activities were completed, respectively. The LOC would also involve replacing failing outdated infrastructure located in the western portion of the main Lab building. The LOC project is ongoing with completion planned in FY 2027.

This move would enhance operational and workflow efficiencies, improve communication, and free up the existing Lab areas for other essential processes, while still aligning with Hanford's broader cleanup mission objectives.

Attachments 1 and 2 detail the proposed floor and site plans for the new LOC.

Cultural Resources

The Hanford Mission Integration Solutions, LLC (HMIS*), as a prime DOE-HFO contractor, conducted on behalf of the DOE-HFO Cultural and Historic Resources Program (CHRP) a National Historic Preservation Act (NHPA) Section 106 (54 USC 306108) Cultural Resource Review (CRR) of the proposed LOC project land area. On May 16, 2025, the DOE-HFO sent an NHPA Section 106 Area of Potential Effect (APE) notification to the Washington State Department of Archaeology and Historic Preservation (DAHP) and Hanford Area Tribes. (Note: per NHPA Section 106, the APE is the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist). On June 02, 2025, CHRP staff conducted a follow-up CRR survey of the proposed LOC project land area, which identified two previously unidentified cultural resources within the project APE. On January 15, 2026, DOE-HFO transmitted a CRR with a "No Adverse Effect" finding as defined in 36 CFR 800.5(b) to the DAHP and the Tribes for a 30-day comment period. On January 15, 2026, the DAHP concurred with the findings of the CRR. On March 25, 2026, DOE-HFO provided a notice of NHPA Section 106 cultural resources clearance compliance for the LOC. The cultural resources clearance is documented in the March 31, 2026, Letter, HMIS-2601424, provided to HLMI. This HLMI letter also identified guidelines for discovery and reporting responsibilities for cultural resources if identified by HLMI project personnel during LOC work activities.

*Note: As a prime DOE-HFO contractor, HMIS currently provides integrative environmental regulatory compliance support to the DOE-HFO and other site prime contractors, including NHPA Section 106 cultural resource reviews, ecological resource reviews, and NEPA.

Ecological Resources

On March 05, 2026, HMIS Ecological Compliance staff conducted, on behalf of the DOE-HFO, a pedestrian ecological resources survey of the proposed LOC project land area. On April 21, 2026, HMIS documented in their ecological clearance Letter, HMIS-2601888, to HLMI, that the proposed project area will occur within a non-vegetated and routinely maintained graveled industrial area which is considered a Level 0 habitat resource in the Hanford Site Biological Resources Management Plan (BRMP; DOE/RL-96-32 Revision 2). HMIS indicated in their letter that no adverse ecological impacts are anticipated to occur from the proposed project.

At Hanford, there is always the potential for birds to nest within the project area on the ground, on buildings, or equipment, typically during the nesting season from mid-March to mid-July. HMIS' letter also noted that If any project ground disturbing activities are planned to begin during the above timeframe, a nesting bird survey will be conducted for birds nesting within the project area on the ground, on buildings, or equipment. Active nests (containing eggs or young) of migratory birds are protected by the Migratory Bird Treaty Act. Ground disturbing activities during nesting season are not authorized until project personnel are informed of the survey results.

Determination

Pursuant to DOE's NEPA Regulations (10 CFR 1021.102) and associated NEPA Implementing Procedures (Section 5.0), the proposed actions associated with the 222-S LOC meet the requirements and conditions that are integral elements for categorical exclusion (CX) without extraordinary circumstances where a normally excluded action would have significant effects. Therefore, NEPA coverage would be provided by the following 10 CFR 1021, Appendix B, CXs:

CX B1.15, "Support Buildings." This CX covers siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area where active utilities and currently used roads are readily accessible. Among other things, this CX addresses support buildings and structures including those for office purposes; parking; visitor reception; computer and data processing services; storage of supplies and equipment for administrative services; and similar support purposes. This CX also provides NEPA coverage for proposed upgrades to the MO-2191 and MO-2199 mobile office trailers following their relocation to a site adjacent to the 222-S Laboratory.

CX B1.22, "Relocation of Buildings." This CX covers relocation of buildings including, but not limited to, trailers and prefabricated buildings, to an already developed area where active utilities and currently used roads are readily accessible.

Finally, NEPA is an inherently federal government function, and all determinations must be made by, and be traceable to, the DOE-HFO personnel responsible for NEPA compliance (i.e., DOE-HFO NCO or DOE-HFO Immediate Office of the Manager). Any changes to the Proposed Action described herein may require additional NEPA, cultural, and ecological resource reviews and approval by the DOE-HFO NCO.

III. Existing Evaluations *(Provide with NRSF to DOE NCO)*:

Maps:

None

Other Attachments:

1. H-2-842468 SH 004-00-Record: Floor plan drawing of proposed lab operations center
2. H-2-842470 SH 001-00-Record: Site plan drawing of proposed lab operations center

IV. List Applicable CX(s) from 10 CFR 1021, Appendix B, "Categorical Exclusions Applicable to Specific Agency Actions" or Appendix C, "Categorical Exclusions Adopted Pursuant to NEPA Section 109":

B1.15, "Support Buildings"
B1.22, "Relocation of Buildings."

V. Extraordinary Circumstances *[10 CFR 1021.102(b)(2)]* and Integral Elements *(10 CFR 1021, Appendix B, Paragraph B).*	**Yes**	**No**
REQUIREMENTS		
Would the proposed action fail to fit one or more classes of actions listed in 10 CFR 1021, Appendix B and/or C *(see Section IV)*? If yes, please describe.	○	◉
Has the proposed action been segmented by breaking it into smaller parts to meet the definition of a categorical exclusion and avoid the appearance of significance of the total action? Segmentation does not include proposals developed and implemented over multiple phases where each phase results in a decision to proceed with subsequent phases.	○	◉
Are there extraordinary circumstances that may affect the environmental impacts of the proposed action such that a normally excluded action would have a reasonably foreseeable significant adverse effect? The proposed action may be modified to avoid reasonably foreseeable significant adverse effects such that a categorical exclusion would apply. If yes, please describe.	○	◉
INTEGRAL ELEMENTS		
Would the proposed action threaten a violation of applicable statutory, regulatory, or permit requirements related to the environment, safety, health, or similar requirements of DOE or Executive Orders?	○	◉
Would the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	○	◉
Would the proposed action disturb hazardous substances, pollutants, contaminants, or natural gas products already in the environment such that there might be uncontrolled or unpermitted releases?	○	◉
Would the proposed action have the potential to cause significant impacts on environmentally sensitive resources? See examples in 10 CFR 1021, Appendix B, Paragraph B(4).	○	◉
Would the proposed action involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, such that the action is not contained or confined in a manner designed and operated to prevent unauthorized release, and conducted in accordance with applicable requirements such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health?	○	◉
If "No" to all questions above, complete Section VI, and provide NRSF and any attachments to DOE NCO for review. If "Yes" to any of the questions above, contact DOE NCO for additional NEPA review.		

VI. Responsible Organization's Signatures:

Initiator:

Bailee A. Fehringer	Fehringer, Bailee A Digitally signed by Fehringer, Bailee A Date: 2026.11.02 08:21:49 -08'00'
Print First and Last Name	*Signature / Date*

NEPA REVIEW SCREENING FORM (NRSF) **Categorically Excluded Actions** (Continued)	**Document ID #:** HFO/CX-00251

Cognizant Program/Project Representative:

Dawn M. MacDonald	DAWN MACDONALD Digitally signed by DAWN MACDONALD Date: 2026.11.02 10:55:44 -08'00'
Print First and Last Name	*Signature / Date*

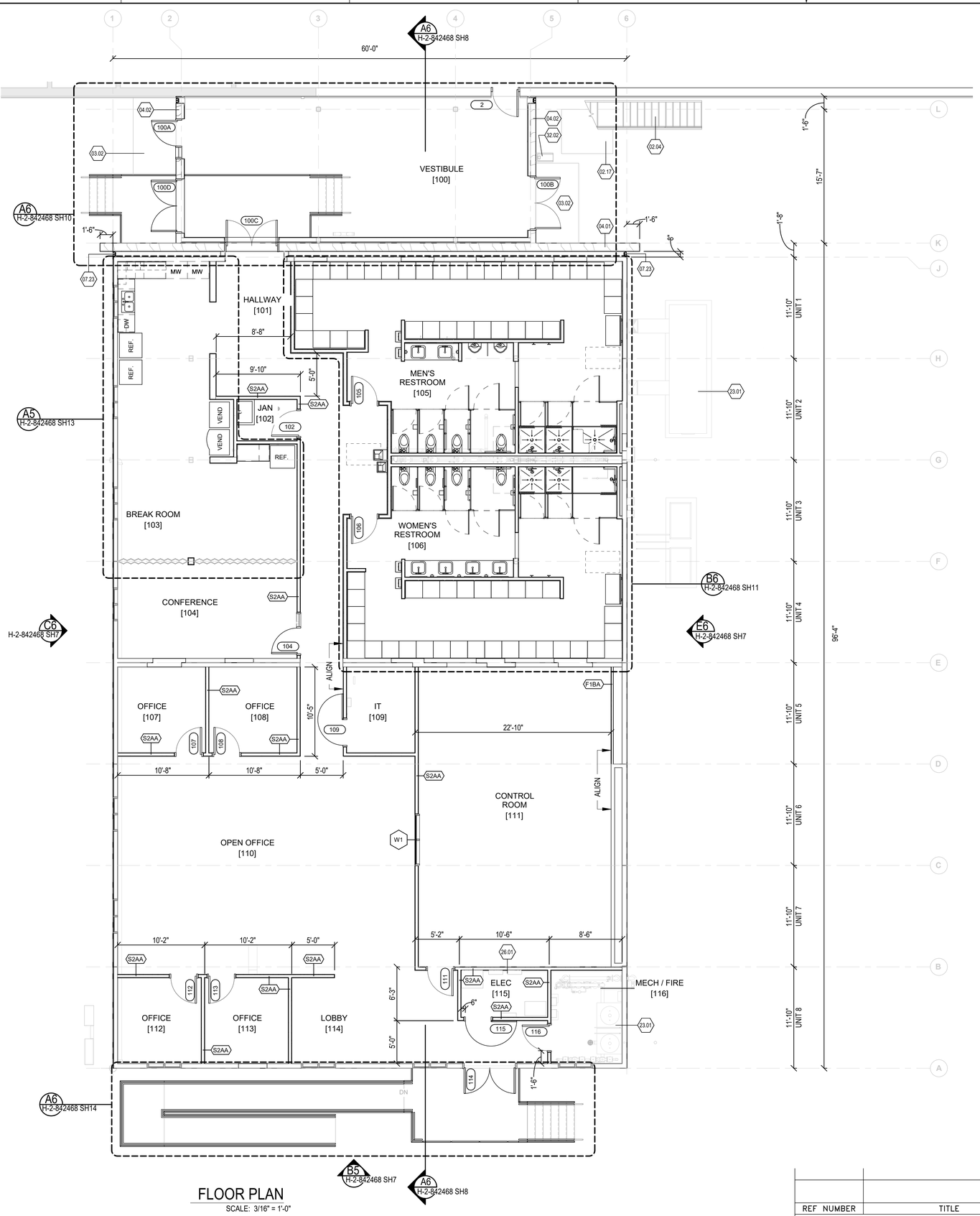
VII. DOE NEPA Compliance Officer Approval/Determination:

Based on my review of information conveyed to me concerning the proposed action, the proposed action fits within the specified CX(s): ☒ Yes ☐ No

Douglas H. Chapin	Douglas H. Chapin Digitally signed by DOUGLAS CHAPIN Date: 2026.11.02 11:01:36 -08'00'
Print First and Last Name	*Signature / Date*

NCO Comments *(Note: If comments are added, then this field must be filled out prior to entering the electronic signature in VII.*

NORTH



FLOOR PLAN
SCALE: 3/16" = 1'-0"

GENERAL SHEET NOTES

1. INTERIOR WALLS REMOVED ADJACENT TO INTERIOR SIDE OF EXTERIOR WALLS WILL BE PROVIDED WITH VINYL GYPSUM BOARD MATCHING FINISH AND COLOR OF ADJACENT EXISTING INTERIOR WALLS.

SHEET KEYNOTES

02.04	STAIR TO REMAIN
02.17	CONCRETE PAD TO REMAIN
03.02	CAST-IN-PLACE CONCRETE STOOP, RE: STRUCT
04.01	CONCRETE MASONRY UNIT 12" NOM., FULLY GROUTED 3-HR FIRE WALL, PAINTED FINISH
04.02	CONCRETE MASONRY UNIT 8" NOM., FULLY GROUTED, PAINTED FINISH
07.23	SEISMIC JOINT COVER - EXTERIOR WALLS WITH THERMAL VAPOR BARRIER 8"(SJC-03)
23.01	FOR MECHANICAL EQUIPMENT, RE: MECHANICAL
26.01	FOR ELECTRICAL EQUIPMENT, RE: ELECTRICAL
32.02	CONCRETE SPLASH BLOCK RE: CIVIL

BURNS McDONNELL
BMCD PROJECT # 189511
BURNS & MCDONNELL ARCHITECTURE, P.C.

DATE: Jun 17,2026 HANFORD RELEASE

REF NUMBER	TITLE	00	RELEASED PER EDT-886020
	REFERENCES	REV NO	DESCRIPTION
NEXT USED ON			REVISIONS

BLDG NO 222-S M0-2191
INDEX NO 0800 0801

CAUTION: NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE

	NAME	DATE	COMPANY
DRAFTER	S T CAMPBELL	05/07/2026	H2C
DRAFTING CHECKER	M R HUNTINGTON	05/11/2026	H2C
ENGINEERING PEER REVIEWER	L E ZECENA CARTAGENA	05/07/2026	HLMI
DESIGN ENGINEER	S T CAMPBELL	05/07/2026	H2C
DESIGN AUTHORITY	T A ORNSTEIN	05/11/2026	HLMI

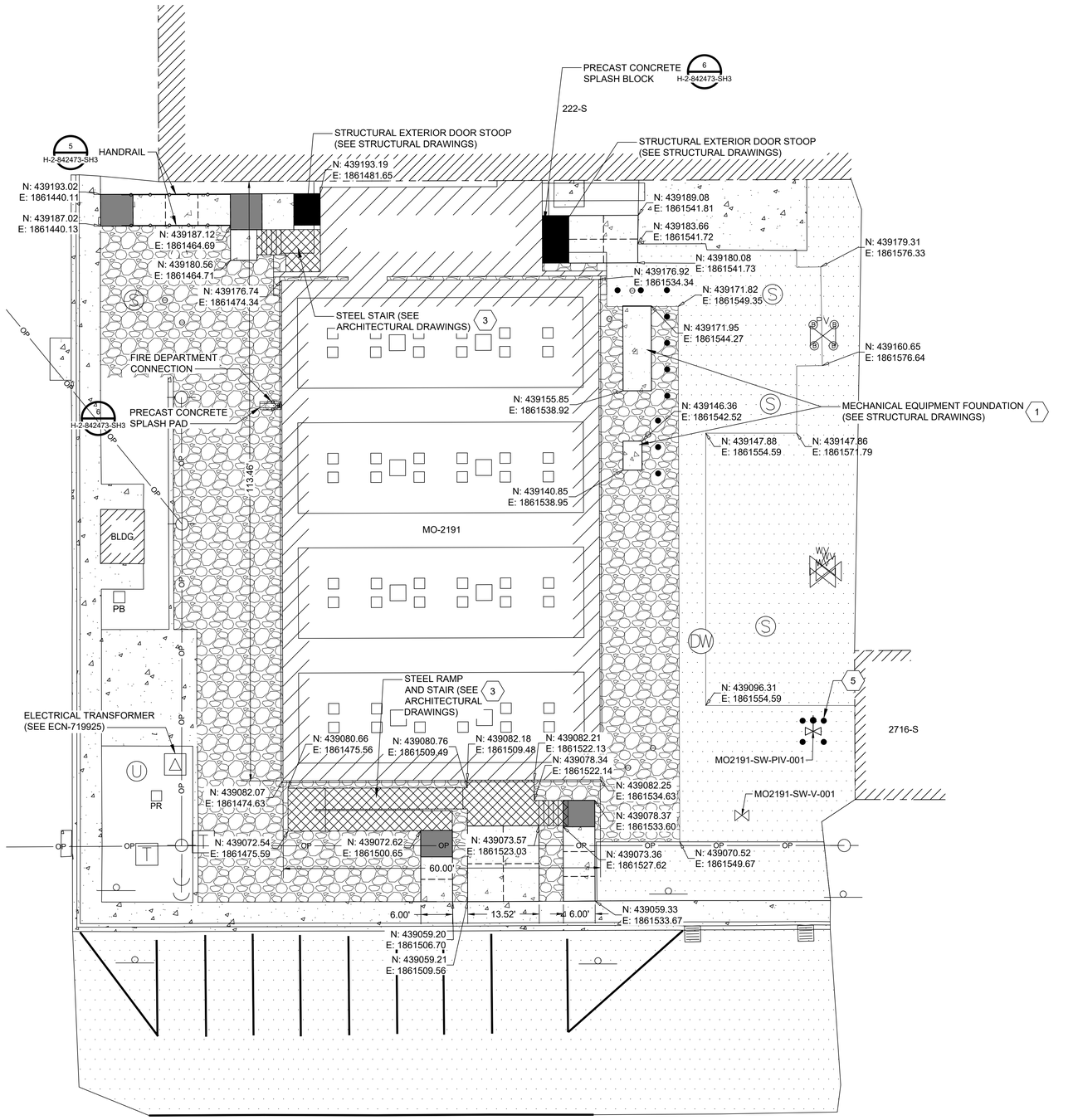
U.S. DEPARTMENT OF ENERGY
Hanford Field Office

ARCHITECTURAL
LAB OPERATIONS CENTER
FLOOR PLAN

SIZE F | DRAWING NUMBER H-2-842468 | SHEET 4 | REV 00
SCALE AS SHOWN

23330

DOE_TB_F (OCT 2024)



SITE PLAN
SCALE: 1"=10'

GENERAL SHEET NOTES

1. SEE CIVIL LEGEND AND ABBREVIATIONS ON DRAWING H-2-842469-SH1.
2. BUILDING COORDINATES FOR MO-2191 ARE POINTED TO OR MEASURED AT THE OUTSIDE FACE OF BUILDING FOUNDATION. COORDINATE BEARINGS OF BUILDING GRID LINES WITH STRUCTURAL DRAWINGS.
3. COORDINATE BUILDING ENTRANCES, EGRESSES, WALKWAYS, AND DOORWAY LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS. STOOPS AND SIDEWALKS SHALL BE CENTERED ON DOORS.
4. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR MISCELLANEOUS SITE EQUIPMENT DETAILS. SEE STRUCTURAL DRAWINGS FOR EQUIPMENT PAD DETAILS.

LEGEND

- BUILDING
- CONCRETE SIDEWALK — 3 H-2-842473-SH1
- ASPHALT PAVEMENT — 6 H-2-842473-SH1
- LANDING — 4
- GRAVEL SURFACING — 2
- STRUCTURAL EXTERIOR DOOR STOOP (SEE STRUCTURAL DRAWINGS)
- STEEL RAMP/STAIRS (SEE ARCHITECTURAL DRAWINGS)
- CONCRETE SIDEWALK JOINT — 3 H-2-842473-SH1
- HANDRAIL — 5 H-2-842473-SH3
- BOLLARD — 5 H-2-842473-SH1
- SANITARY MANHOLE
- POST INDICATOR VALVE
- VALVE
- FIRE DEPARTMENT CONNECTION

SHEET KEYNOTES

1. EQUIPMENT FOUNDATION SIZES ARE APPROXIMATE BASED ON ANTICIPATED EQUIPMENT TO BE USED. ADJUST EQUIPMENT FOUNDATION SIZES BASED ON ACTUAL EQUIPMENT USED AND REQUIREMENTS ON STRUCTURAL DRAWINGS.
2. STABILIZE ALL DISTURBED AREAS NOT OTHERWISE COVERED BY PAVEMENT OR STRUCTURES WITH A 4" THICK LAYER OF GRAVEL SURFACING. MATERIAL SHALL CONFORM TO SECTION 32 11 23 (CRUSHED AGGREGATE BASE COURSE).
3. STEEL RAMP AND STAIRS MUST CONNECT TO SIDEWALKS TO PROVIDE A CONTINUOUS PATH.
4. LANDING SLOPES SHALL NOT BE GREATER THAN 1:48 (V:H) IN ANY DIRECTION.
5. COORDINATE EXACT BOLLARD LOCATIONS WITH FIELD CONSTRUCTION ENGINEER TO EXISTING UNDERGROUND UTILITIES.

BURNS McDONNELL
BMCD PROJECT # 189511
BURNS & MCDONNELL ENGINEERING COMPANY, INC

DATE: Jun 17,2026 HANFORD RELEASE

REF NUMBER	TITLE
EDT-886020	222-S LAB OPERATIONS CENTER DRAWING PACKAGE
REFERENCES	
NEXT USED ON	

REV NO	DESCRIPTION
00	INITIAL RELEASE
XX	XXXX REV DESCRIPTION XXXX
REVISIONS	

BLDG. NO. 222-S 2716-S MO-2191
INDEX NO. 0110

CAUTION: NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE

	NAME	DATE	COMPANY
DRAWER	S T CAMPBELL	05/07/2026	HBOCO
DRAFTING CHECKER	M R HUNTINGTON	05/11/2026	HBOCO
ENGINEERING PEER REVIEWER	A R CHAVEZ	05/14/2026	BMCD HBOCO
DESIGN ENGINEER	S T CAMPBELL	05/07/2026	H2C
DESIGN AUTHORITY	T A ORNSTEIN	05/18/2026	HLM HLM

U.S. DEPARTMENT OF ENERGY
HANFORD FIELD OFFICE

CIVIL
LAB OPERATIONS CENTER
MO-2191 SITE PLAN

SIZE F | DRAWING NUMBER H-2-842470 | SHEET 1 | REV 00
SCALE As Shown
XXXXX
DOE_TB_F (OCT 2024)