



U.S. Department of Energy Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Grant of Access to Bureau of Reclamation for Fiber Optic Cable Installation at Western's Phoenix Service Center

Program or Field Office: Western Area Power Administration, Desert Southwest Region

Location(s) (City/County/State): 615 South 43rd Avenue, Phoenix, Maricopa County, Arizona

Proposed Action Description:

Western Area Power Administration (Western) proposes to grant access to Cox Communications for a communications cable into Western's Phoenix Service Center property. The purpose of the grant of communication cable access is to allow the Bureau of Reclamation or its agents to use said communication cable for communication purposes. The project is on Western fee-owned lands in Township 1 North, Range 2 East, Section 10 (Gila & Salt River Baseline and Meridian). Western's action is to grant communication cable access to Cox Communication for the proposed work.

Categorical Exclusion(s) Applied:

A1 - Routine DOE business actions

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of [10 CFR Part 1021](#).

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer:

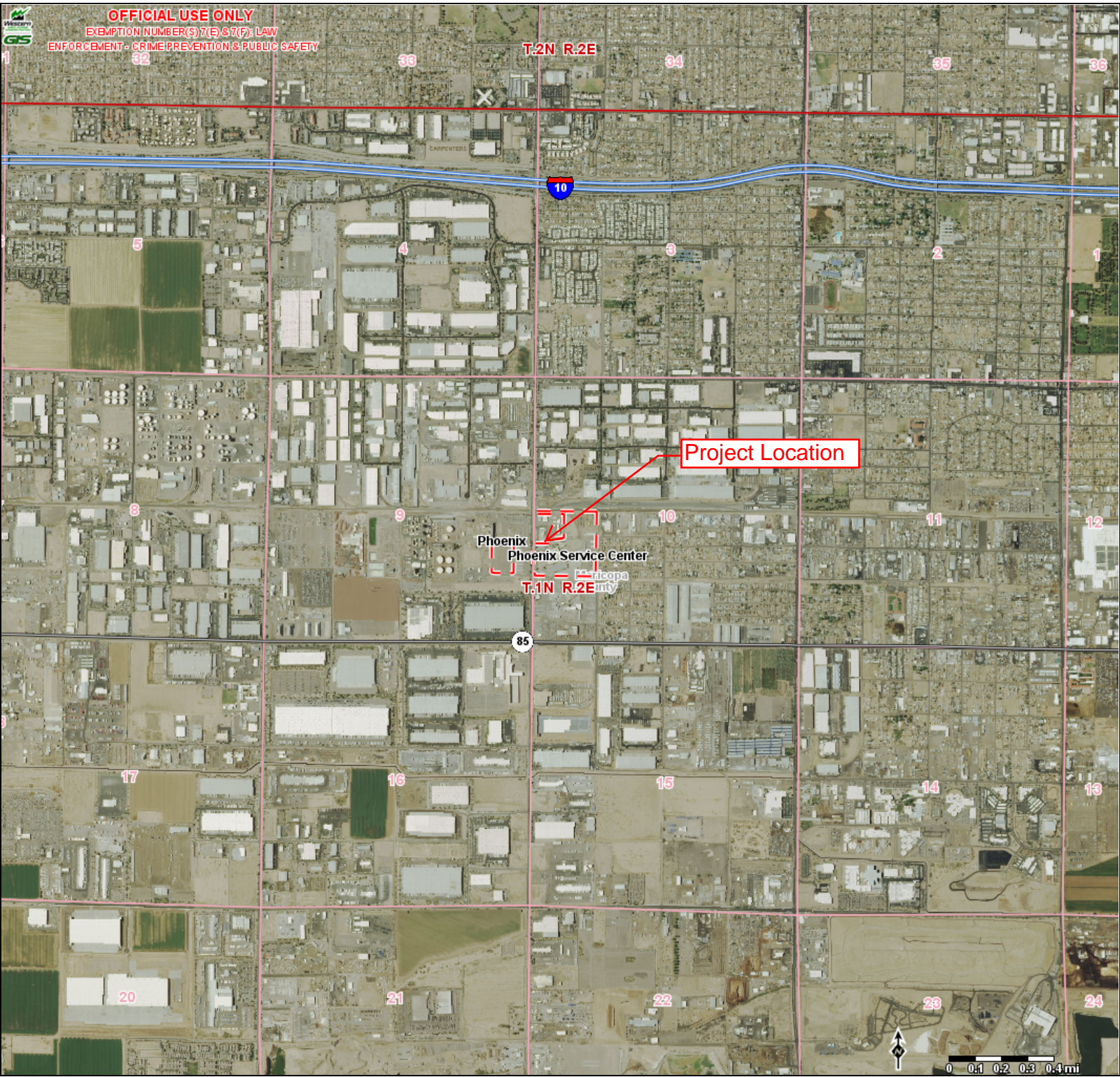
Date Determined:

1-16-15

Checklist for Categorical Exclusion Determination, revised Nov. 2011

Application of Categorical Exclusions (1021.410)	Disagree	Agree	Unknown
(b)(1) The proposal fits within a class of actions that is listed in appendix A or B to subpart D.		X	
(b)(2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal, including, but not limited to, scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; and unresolved conflicts concerning alternate uses of available resources		X	
(b)(3) The proposal has not been segmented to meet the definition of a categorical exclusion. Segmentation can occur when a proposal is broken down into small parts in order to avoid the appearance of significance of the total action. The scope of a proposal must include the consideration of connected and cumulative actions, that is, the proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or § 1021.211 of this part concerning limitations on actions during EIS preparation.		X	
B. Conditions that are Integral Elements of the Classes of Actions in Appendix B. :	NO	YES	UNKNOWN
(1) Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety and health, or similar requirements of DOE or Executive Orders.	X		
(2) Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities;	X		
(3) Disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases;	X		
(4) Have the potential to cause significant impacts on environmentally sensitive resources. An environmentally sensitive resource is typically a resource that has been identified as needing protection through Executive Order, statute, or regulation by Federal, state, or local government, or a federally recognized Indian tribe. An action may be categorically excluded if, although sensitive resources are present, the action would not have the potential to cause significant impacts on those resources (such as construction of a building with its foundation well above a sole-source aquifer or upland surface soil removal on a site that has wetlands). Environmentally sensitive resources include, but are not limited to:	X		

(i)	Property (such as sites, buildings, structures, and objects) of historic, archaeological, or architectural significance designated by a Federal, state, or local government, or property determined to be eligible for listing on the National Register of Historic Places;	X		
(ii)	Federally-listed threatened or endangered species or their habitat (including critical habitat) or Federally- proposed or candidate species or their habitat (Endangered Species Act); state-listed or state-proposed endangered or threatened species or their habitat; Federally-protected marine mammals and Essential Fish Habitat (Marine Mammal Protection Act; Magnuson-Stevens Fishery Conservation and Management Act); and otherwise Federally-protected species (such as under the Bald and Golden Eagle Protection Act or the Migratory Bird Treaty Act);	X		
(iii)	Floodplains and wetlands (as defined in 10 CFR 1022.4, —Compliance with Floodplain and Wetland Environmental Review Requirements: “Definitions,” or its successor);	X		
(iv)	Areas having a special designation such as Federally- and state-designated wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, state and Federal wildlife refuges, scenic areas (such as National Scenic and Historic Trails or National Scenic Areas), and marine sanctuaries;	X		
(v)	Prime or unique farmland, or other farmland of statewide or local importance, as defined at 7 CFR 658.2(a), —Farmland Protection Policy Act: Definitions, or its successor;	X		
(vi)	Special sources of water (such as sole-source aquifers, wellhead protection areas, and other water sources that are vital in a region); and	X		
(vii)	Tundra, coral reefs, or rain forests.; or	X		
(5)	Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment 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.	X		



Desert Southwest Region
 Western Area Power Administration
 An agency of the U.S. Department of Energy

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Scale 1:24,015
 1/16/2015 8:01 A.M.

- INTERSTATE HIGHWAY
- MAJOR HIGHWAY (US/STATE)
- Township & Range
- Sections
- Facility / Substation / Switchyard
- Proposed Facilities
- States
- Counties
- USGS Aerial Photo Service
- Google Aerials

Figure 1
 Project Location
 Overview

EXPLANATION

- BURIED CONDUIT
- EXPOSED CONDUIT
- (N) --- HID EXTERIOR LUMINAIRE. LETTER INSIDE SYMBOL INDICATES TYPE; LETTER BESIDE SYMBOL INDICATES SWITCH CIRCUITING.

Proposed path for Cox
NOTES

2. ADDITIONAL BURIED CONDUITS ARE SHOWN ON SECURITY AND ACCESS CONTROL SYSTEMS SITE PLAN (3679).
4. LANDSCAPE LIGHTING SHOWN ON PHS 3657.
5. CONDUITS FOR FUTURE SECURITY STRUCTURE. PROVIDE WITH MEASURED PULLING CORD. JUNCTION AND PULL BOXES SHALL BE CONCRETE, LIGHT TRAFFIC RATED WITH SEPARATE BOXES FOR POWER AND COMMUNICATION CIRCUITS.
6. CONDUITS FOR IRRIGATION CONTROLLER CIRCUITS. PROVIDE EXTERIOR JUNCTION BOXES SIMILAR TO DETAIL A (3688).
7. LOCATE COMMUNICATION AND CONTROL CONDUITS RUN INTO ROOM 2036 AT A COMMON LOCATION. PROVIDE JUNCTION BOX FOR IRRIGATION SYSTEM CONDUCTORS.
10. SEE DRAWING PHS 3390 FOR CONDUIT TERMINATIONS.
11. MANHOLE SHALL BE EQUAL TO UTILITY VAULT NO. 504-LA. TOP FOR NEW MANHOLE SHALL BE EQUAL TO UTILITY VAULT NO. 55-4242.
12. SEE SPECIFICATION FOR INSTALLATION OF ALTERNATE POWER SOURCE CONDUCTORS.
13. UPS ELECTRICAL POWER BURIED IN TRENCH AT 24" DEEP. TERMINATED IN MAIN BUILDING AT PANEL CPC-B, BREAKERS 5 AND 7.
14. TWO INCH CONDUIT ABOVE GROUND FOR SECURITY TRAILER AND TERMINATED AT TRANSFORMER #2.

REFERENCE DRAWINGS

DOMESTIC WATER (SHEET 1 OF 2)	PHS 3259
DOMESTIC WATER (SHEET 2 OF 2)	PHS 3260
FIRE PROTECTION PLAN (SHEET 1 OF 2)	PHS 3262
FIRE PROTECTION PLAN (SHEET 2 OF 2)	PHS 3263
ELECTRICAL SITE PLAN (SH 1 OF 2)	PHS 3270
GAS SERVICE	PHS 3347
43RD AVE ROAD CROSSING	PHS 3406
MICROWAVE BLDG SITE BURIED CONDUIT PLAN	PHS 3410
CIVIL SITE & GRADING PLAN	PHS 3427
(SHEET 1 OF 4)	PHS 3507
IRRIGATION PLAN	PHS 3507
SEWER LINES	PHS 3608
LANDSCAPE LIGHTING PLAN	PHS 3657
EV CHARGERS & SOLAR ENERGY ARRANGEMENT	PHS 3778
43RD AVE CONDUIT LAYOUT CROSSING	PHS 3916
APO UNDERGROUND UTILITIES	PHS 3961
COMMUNICATION CABLES LAYOUT	PHS 7167
SECURITY SITE PLAN	PHS 9200

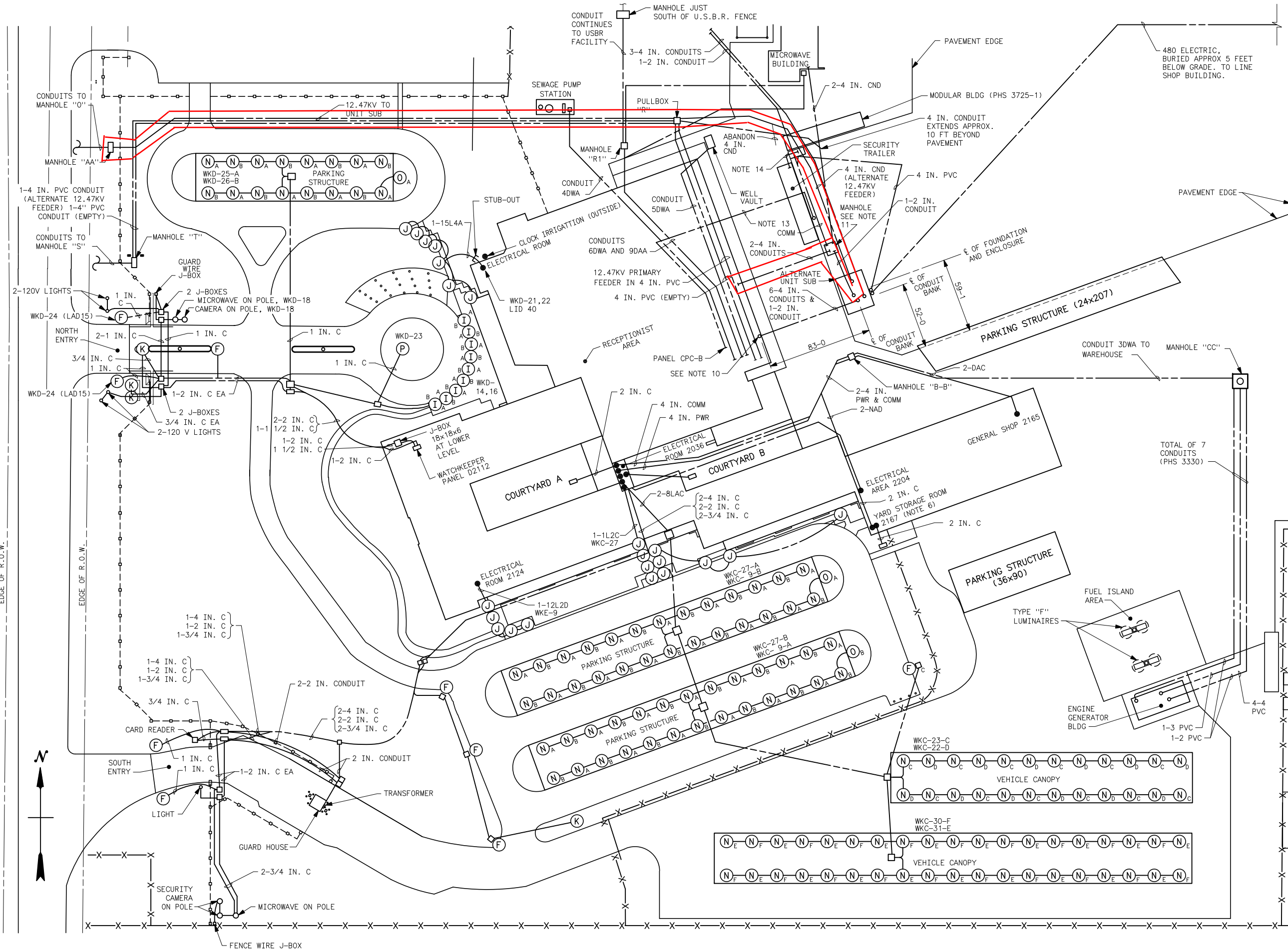
K	12-11-14 G1-RRF	ADDED PARKING STRUCTURES, SECURITY GUARD ARMS & FENCE, AND SECURITY TRAILER
J	5-21-12 G1-ML	ADDED MODULAR BLDG CONNECTION
I	3-18-11 G1-KN	MINOR REVISION
H	6-20-06 G5-DP	ADDED 10'x10' GUARD HOUSE AND WIDENED SOUTHERN DRIVEWAY
G	3-22-05 G5-DP	AS-BUILT
F	9-7-04 G5-DP	ADDED 480 ELECTRICAL BURIED LINE FROM ALT UNIT SUBSTATION TO LINE CREW STORAGE BUILDING
E	7-9-96 G5-RST	ADDED ALTERNATE UNIT SUB
D	6-27-95 G2-GPL	AS-BUILT CONDUIT LINES.
C	7-14-94 G2-GL	AS BUILT UNDERGROUND ELECTRICAL AND ADDED ENTRY-WAY LIGHTING.
B	1-2-92 A2-G	CIRCUIT TO MICROWAVE BLDG BY OTHERS. REVISED CONDUIT DESIGNATIONS
A	10-11-91 A2-JMH	IN A/W ITEM D-53 AMENDMENT NO. 002.

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION
HEADQUARTERS - GOLDEN, COLORADO

PHOENIX O & M CENTER
ARIZONA
ADMIN AND MAINTENANCE
ELECTRICAL SITE PLAN (SH 2 OF 2)

DESIGNED J.M. HARDGRAVE, JR. RECOMMENDED J.K. HOLST
DRAWN D.D. DENTON APPROVED G.O. THOMAS
CHECKED J.M. HARDGRAVE, JR. CHIEF, BUILDINGS BRANCH

JULY 3, 1991 PHS 3656



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