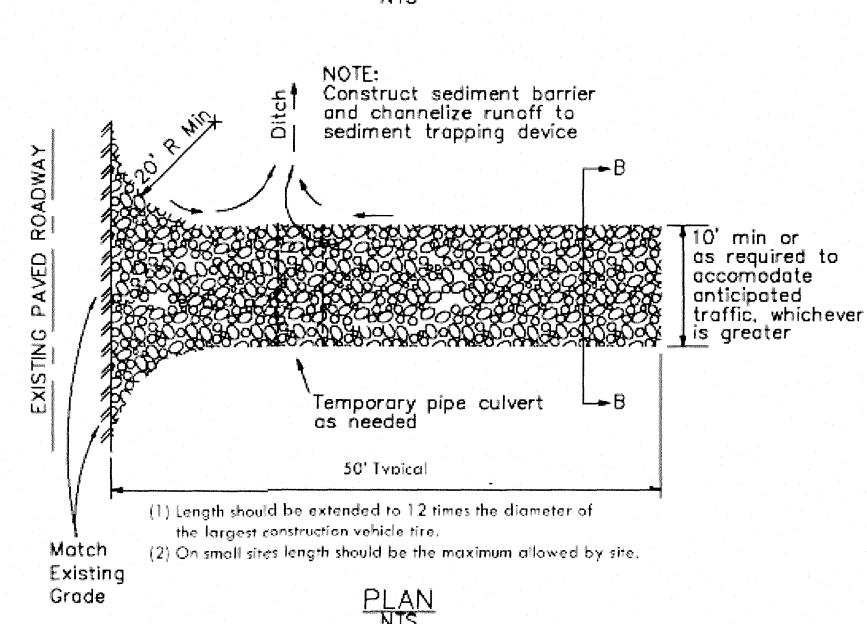


VICINITY MAP

Scale: NTS

_Crushed aggregate greater than 3" but smaller than 6" -Filter fabric └12 " Min, unless otherwise specified by a soils engineer



STABILIZED CONSTRUCTION SITE ENTRANCE

EROSION AND SEDIMENT CONTROL DETAILS SCALE: 1'' = 40'

EROSION AND SEDIMENT CONTROL CHECKLIST RESPONSES Include a legible map, or series of maps, showing the following features of the RESPONSE: SITE HAS NO SUCH CONDITIONS. a. Boundaries, lot lines, and lot numbers of the property and adjoiners, and <u>adjoining street</u>

RESPONSE: EROSION AND SEDIMENT CONTROL PLAN SHOWS FULL MAP OF SITE AND ITS FEATURES, BOUNDARIES AND PROPERTY ADJOINERS..

b. Locations where construction activities will occur, including: Limits of land-disturbing activities -Locations where earth-disturbing activities will occur (note any phasing), including any demolition activities and frontage improvements. (If the location changes during construction the ESC Plan must be updated and submitted to the City);

ii. Existing and Proposed Grades as shown on the Grading Plan approved by <u>Hydrology, label longitudinal street slopes and steep slopes before and atte</u>

major grading activities (note any steep slopes regulated by the IDO); EXISTING AND PROPOSED TOPOGRAPHIC DATA IS SHOWN ON THE PLAN / MAP. iii. Stockpiles -Locations where sediment, soil, or other construction materials stockpiled;

RESPONSE: STOCKPILES ARE SHOWN SEE EROSION CONTRIL PLAN AND DETAIL 2 iv. Construction Entrances Designated points where vehicles will exit onto paved

A SINGLE STABILIZED CONSTRUCTION SITE ENTRANCE IS PROPOSED. v. Locations of structures and other impervious surfaces upon completion of

RESPONSE: LOCATIONS OF IMPERVIOUS SURFACES IS SHOWN.

vi. Construction support activity -Locations of on-site and off-site construction support activity areas covered by this permit (see Part 1.2.1c). RESPONSE: CONSTRUCTION SUPPORT ACTIVITY AREA SHOWN ON THE PLAN.

c. Waters of the U.S. —Locations of all waters of the U.S. within and one mile and e—mail address of: <u>downstream</u> of the site's discharge point. Also identify if any are listed as impaired, or are identified and/or repair of as a Tier 2, Tier 2.5, or Tier 3 water;

RESPONSE: THERE ARE NO WATERS OF THE US WITHIN THE SUBJECT PROPERTY d. <u>Critical habitat — Areas of federally listed critical habitat within the site</u> and/or at discharge <u>locations;</u>

RESPONSE: THERE ARE NO KNOWN CRITICAL HABITAT AREAS WITHIN THE SUBJECT RESPONSE:
PROPERTY.

ground cover (including perennial grass and shrubs, rocks, and litter) Type and extent of pre—
construction cover on the site (e.g., vegetative cover, forest, pasture, pavement, structures):

a. A brief description of the nature of your construction activities;

RESPONSE: CONSTRUCTION OF 3 FACILITIES. WORK TO INCLUDE GRADING,
DIRECTING DRAINAGE INTO AN EXISTING RETENTION POND, ROADWAY
CONSTRUCTION, PAVING, CONCRETE WORK.

RESPONSE: EXISTING SITE CONDITIONS INCLUDE A LERGELY UNVEGETATED SANDY SOIL WITH A LOW TOPOGRAPHIC SLOPE. THE SITE HAS EXISTING BUILDINGS AND TWO EXISTING BIO RETENTION SWALES.

b. The size of the property in acres:

RESPONSE: 23 ACRE

F. Drainage patterns —Identify locations of concentrated flow paths that enter and exit the

RESPONSE: DRAINAGE PATTERNS ARE DESIGNATED WITH ARROWS AND ELEVATION POINTS. THE ARROWS INDICATE GENERAL DIRECTION OF SURFACE FLOW. THE STORMWATER IS DIRECTED TOWARDS CATCH BASINS THAT WILL DISPERSE INTO T RETENTION SWALES. G. Directly connected storm drains and channels —Stormwater and authorized

<u>non-stormwater</u> discharge locations, including: Locations where stormwater and/or authorized non-stormwater will be discharged to storm drain inlets; and Locations where stormwater or authorized non-stormwater will be discharged directly to waters of the U.S.

RESPONSE: THE ONLY POLLUTANT GENERATING ACTIVITIES ARE GRADING AND CONCRETE POUR. THE GRADING AREA IS SHOWN ON THE PLANS. THE SOIL STOCKPOLE LOCATIONS ARE SHOWN ON THE PLANS.

of stormwater controls, including natural buffer areas and any shared controls of the site; utilized to comply with the See below additional elements of CGP 9.4.1.c to be included on the ESC Plan. City Standard Details, if available must be included on construct, inspection, and maintenance standards and HIGHLIGHTED ONspecifications that will be allowed in the City's jurisdiction.

RESPONSE: THE SELECTED BMPS ARE STABILIZED CONSTRUCTION SITE ENTRANCE, STRAW WATTLES, INLET PROTECTION, CONCRETE WASHOUT AREAS. <u>Chemicals — Locations where polymers, flocculants, or other treatment</u>

chemicals will be used and stored. RESPONSE: NOT APPLICABLE. CHEMICALS WILL NOT BE USED AND STORED

<u>dditional items from SWPPP to be shown on the ESC Plan</u> CGP 7.2.1 List All Site Operators. Include a list of all other operators who <u>ill be engaged in construction activities at the site, and the areas of the site</u> ver which each operator has control. Include the name, phone number, and The Developer/Property Owner's representative authorized to make changes to contract documents, plans, and specifications.

All contractors directly employed by the Developer/Property Owner. They are <u>Operators if they are not a "sub" to the general contractor. Common examples</u> include the earthwork contractor, the Work Order contractor, Building Permit contractor, and landscaping contractor. RESPONSE:

Property Owner: Lara Gutierrez, Kairos Power, 505-702-1128, gutierrez@kairospower.com Contractor: Jack Weems, JT2 Craft, 951-213-0989, jack@craftcon357.com CGP 7.2.2 Identify Stormwater Team. Identify the personnel (by name or position) that are part of ne stormwater team, as well as their individual responsibilities, including the

Personnel who are responsible for the design, installation, maintenance, ormwater controls (including pollution prevention controls): Personnel responsible for the application and storage of treatment chemical

Personnel who are responsible for conducting inspections as required in Par Personnel who are responsible for taking corrective actions as required in

Property Owner: Lara Gutierrez, Kairos Power, 505-702-1128, gutierrez@kairospower.com 1t e. Describe undisturbed and pre-construction cover -Density and type of native SWPPP Inspector: Len Horan, 505-699-5913, lenhoran@rocketmail.com undisturbed CGP 7.2.3 Describe Nature of Construction Activities. Include the following: 1.13X10/4 FT/SEC

<u>ime, phone number</u>

c. The total area expected to be disturbed by the construction activities; RESPONSE: 6 ACRES

covered by this permit (see Part 1.2.1c);

e. The maximum area expected to be disturbed at any one time, including on—site and off—site construction support activity areas;

<u>Projected schedule - A description and projected schedule for the following:</u>

RESPONSE: ESTIMATED START DATE NOVEMBER 2022. ESTIMATED COMPLETION DATE NOVEMBER 2023.

i. <u>Commencement of construction activities in each portion of the site</u>,

H. Pollutant—generating activities—Locations of all potential pollutant—generating including clearing and grubbing, mass grading, demolition activities, site preparation (i.e., excavating cutting and filling) final cradic. preparation (i.e., excavating, cutting and filling), final grading, and creation of soil and vegetation stockpiles requiring stabilization; RESPONSE: NOVEMBER 2022

Best Management Practice (BMP) Locations Discussion and Details —Locations ii. Temporary or permanent cessation of construction activities in each portion

the ESC Plan. The City Standard Details establish the minimum design criteria. RESPONSE: CONSTRUCTION ACTIVITIES WILL CEASE UPON COMPLETION OF PROJECT. iii. Temporary or final stabilization of exposed areas for each portion of the

iv. Removal of temporary stormwater controls and construction equipment or

vehicles, and the cessation of construction-related pollutant-generating activities. RESPONSE: TEMPORARY ESCP WILL BE REMOVED UPON COMPLETION OF PROJECT. CGP 7.2.6.b.vi Stabilization measures (see Part 2.2.14). You must include the

The specific vegetative and/or non-vegetative practices that will be used: RESPONSE: See landscaping plan

The stabilization deadline that will be met in accordance with Part

RESPONSE: Within 14 days of soil disturbance activities lf complying with the deadlines for sites in arid, semi—arid, or rought—stricken areas, the beginning and ending dates of the seasonally dry

riod and the schedule you will follow for initiating and completing vegetative RESPONSE: Due to project schedule, does not apply If complying with deadlines for sites affected by unforeseen circumstances at delay the initiation and/or completion of vegetative stabilization, document e circumstances and the schedule for initiating and completing stabilization.

Will apply temporary soil stabilization within 14 days, per NMDO1 specification CGP 2.1.1 Soil name, type, particle sizes, and Erodibility Factor (K value) e.<u>Including a table and map if where there is wide variation on the site. Data</u> <u>y be obtained on</u> ne at https://websoilsurvey.nrcs.usda.gov/app/ or from the "Soils Survey of ernalillo County and Parts of Sandoval and Valencia Counties, New Mexico" issued June 1977 available 1ttps://www.nrcs.usda.gov/Internet/FSE_MANUSCRIPTS/new_mexico/NM600/0/bernalillo.

7. <u>CGP 9.4.1.c.i BMP Design — The ESC Plan must include site-specific interim</u> and permanent stabilization, managerial, and structural solids, erosion and sediment control best management practices (BMPs) and/or other controls that are designed to prevent to the maximum extent practicable an increase in the <u>sediment yield and flow velocity from pre-</u> construction, pre-development conditions to assure that applicable standards in 6.4.NMAC, including the antidegradation policy, or TMDL waste load allocations (WLAs) are met. The ESC Plan must identify and document the rationale for selecting these BMPs and/or other controls. The ESC Plan must also describe

RESPONSE: PER SOILS REPORT THE SOIL IS SILTY SAND WITH A K VALUE OF

design specifications, construction d. A description of any on-site and off-site construction support activity areas performance and longevity of these interim and permanent Stabilization and Best Management Practices. On streets where the longitudinal slope is steeper than 2.5%, wattles/mulch socks or j-hood silt fence shall be shown in the front yard swale or on the side of

RESPONSE: SLOPE OF EXISTING TOPOGRAPHY IS LESS THAN 2%.

SA

PROJECT NO.: 8800-22 DRAWN BY: DATE: **8.26.2022**

ESCP 2