COUNTY OF PLACER
Community Development Resource Agency

Michael J. Johnson, AICP
Agency Director

PLANNING

E.J Ivaldi
Deputy Planning Director

HEARING DATE: May 22, 2014
ITEM NO.: 2
TIME: 10:20 am

TO: Placer County Planning Commission

FROM: Development Review Committee

DATE: May 5, 2014

SUBJECT: Rio Bravo Wood Waste Chip and Grind
Conditional Use Permit (PCPA 20140034)
Categorical Exemption
Supervisorial District 2, Weygandt

COMMUNITY PLAN AREA: Sunset Industrial Area Plan

COMMUNITY PLAN DESIGNATION: Industrial

ZONING: IN-Dc (Industrial combining Design Review)

APN: 017-063-031

STAFF PLANNER: Alex Fisch, Senior Planner

LOCATION: The 49.5-acre project site is located at 3100 Thunder Valley Court, one-quarter mile south of the intersection of Thunder Valley Court and Athens Avenue in the Sunset Industrial Area, Rocklin.

APPLICANT: Travis Finn, Operations and Management, Rio Bravo

PROPOSAL: The applicant requests approval of a Conditional Use Permit to implement a wood waste chip and grind use at the existing biomass power plant in order to process a portion of the power plant boiler fuel onsite.

CEQA COMPLIANCE:
This project is categorically exempt from environmental review pursuant to provisions of Sections 15301 and 15303 of the California Environmental Quality Act Guidelines and Sections 18.36.030 and 18.36.050 of the Placer County Environmental Review Ordinance (Class 1, Existing facilities and Class 3, New construction or conversion of small structures). The

Planning Commission will be required to make a finding to this effect and a recommended finding for this purpose is included at the end of this report.

PUBLIC NOTICES AND REFERRAL FOR COMMENTS:
Public notices were mailed to property owners of record within 300 feet of the project site. Other appropriate agencies, public interest groups, and citizens were sent copies of the public hearing notice. Community Development Resource Agency staff and the Departments of Engineering and Surveying, Public Works, Environmental Health, Facilities Services and the Fire Department were transmitted copies of the project plans and application for review and comment. Comments received from agency staff have been incorporated into this report. No public comments were received as of the time of preparation of this report.

PROJECT DESCRIPTION:
The applicant requests approval of a Conditional Use Permit to implement a mobile wood grinder at the existing 24 megawatt Rio Bravo biomass power plant in order to process a portion of the boiler fuel onsite. The power plant incinerates 280,000 tons of biomass boiler fuel annually in order to produce 24.4 megawatts of continuous power, all of which is sold to PG&E under the terms of a 30-year Power Purchase Agreement. The power plant currently receives all 280,000 tons of boiler fuel in processed form of four-inch or smaller chips. The project proposes that it would grind up to 20,000 tons of biomass and waste wood per quarter, 80,000 tons annually, which represents approximately 29 percent of the total annual boiler fuel supply. Woody biomass and woody construction debris would be supplied to the site from the North Area Recovery Station in North Highlands. Biomass and construction debris would not be received from the general public and the project would not increase its annual boiler fuel input or power plant production. Primary among the project's objectives is to provide fuel stability in an unstable fuel market.

The project proposes to install a trailer mounted Morbark 1300 electric tub grinder, which utilizes twin 500 horsepower electric motors to process up to 75 tons of biomass wood waste per hour. The grinder would be located in the southeast corner of an existing 125-foot wide by 325-foot long concrete pad located in the northeast portion of the site approximately 180 feet south of the nearest property boundary. The remainder of the pad area would be used for load tipping, temporary wood storage, and processing of the woody biomass. The pad would also continue to be used for temporary storage of bed sands recovered from the boiler, which are sold to third party contractors for road base and related uses.

The applicant anticipates that the tub grinder would operate for two 12-hour days each week, 50 weeks per year. Operational hours are proposed from 7:00 a.m. to 7:00 p.m. and the grinder would be shut down two weeks per year for regularly scheduled maintenance. During that two week period a diesel powered tub grinder may be used and would operate on the same schedule.

Rio Bravo currently receives approximately 50 tractor-trailer deliveries of processed biomass each day. The applicant anticipates that receipt of unprocessed wood waste would increase daily truck trips by as much as two additional trips per day due to the unconsolidated nature of the unprocessed material. Staff estimates that of the estimated 52 total daily truck trips under an approved project scenario, up to 16 of those trips would be associated with unprocessed biomass material. Material would be trucked to the site from the North Area Recovery Station in North Highlands, where it is source separated prior to delivery to the power plant.

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BACKGROUND:
In July 1985 the Zoning Administrator took action to approve a Conditional Use Permit and Variance, and to adopt a Mitigated Negative Declaration to approve development of the Rio Bravo power plant project. The project was subsequently constructed in 1989 and has been in continuous operation during the preceding 25 years.

The power plant operates 24 hours per day to produce a continuous energy output of 24.4 megawatts of electricity through the combined efforts of approximately 28 employees in three overlapping and staggered shifts. The plant is staffed with approximately 16 employees from 6:00a.m. to 8:00p.m. each day, while the nighttime shift is staffed with a smaller crew of three to four. The power plant staff includes plant managers, plant operators, electricians, wood yard staff and administrative staff to manage site operations including power production and plant monitoring, maintenance, load tipping, fuel yard management, and delivery of biomass to the boiler conveyor system.

SITE CHARACTERISTICS:
The 49.5-acre project site is located at the southerly terminus of Thunder Valley Court in the Sunset Industrial Area. The project site is abutted by the former Formica manufacturing plant and the future Placer Parkway transportation route to the south, the Union Pacific Railroad corridor and Industrial Avenue to the east, a developed mixed-use industrial project to the west, and the Thunder Valley Casino overflow parking lots to the north. Existing site development features include the power plant in the southwest quarter of the site and truck circulation, scales and tipping area in the north and northwest portions of the site. The central portion of the site is predominantly used for onsite fuel storage and management. A total of eight fire hydrants are located around the perimeter and interior of the site and are connected to the pressurized public water system. Structural stormwater BMP's consisting of structural control filtration systems are located around the perimeter of the site to treat stormwater prior to discharge. The site is surrounded by vegetative screening on all sides and includes 35-foot tall mesh nylon windscreens along portions of the north and west boundaries to help contain fugitive dust emissions.

EXISTING LAND USE AND ZONING:

Location	Zoning	General Plan	Existing Conditions and Improvements
Site	IN-Dc (Industrial combining Design Scenic Corridor)	Industrial	Rio Bravo Rocklin Biomass Power Plant
North	INP-Dc (Industrial Park combining Design Scenic Corridor)	Industrial	Thunder Valley Casino overflow parking lots
South	INP-Dc (Industrial Park combining Design Scenic Corridor)	Industrial	Former Formica manufacturing facility and future Placer Parkway transportation route
East	IN-Dc (Industrial combining Design Scenic Corridor)	Industrial	Vacant – Union Pacific Railroad and Industrial Avenue
West	INP-Dc (Industrial Park combining Design Scenic Corridor)	Industrial	Pasquetti Industrial Park – Mixed use industrial park, indoor/outdoor storage complex and construction storage yard

ANALYSIS:

Community Plan and Zoning Consistency

The project site is zoned Industrial and is located within the Industrial Core planning area of the Sunset Industrial Area Plan, which is designated to accommodate the widest variety of industrial users. The project site is somewhat isolated from the remainder of the Industrial Core, which is predominantly located along the Industrial Boulevard and Cincinnati Avenue roadway corridors to the south of the project site but also includes properties south of Athens Avenue near the casino. Established users in the Industrial Core include small and medium scale manufacturing, small and large scale warehousing and distribution facilities, electronics manufacturing, research and development facilities, civil engineering and contractor uses, shipping centers, and service uses.

The Rio Bravo biomass power plant was constructed in 1989 and has been in continuous operation since that time. The power plant predates many of the more recent land development projects in the area and has not expanded its power production or operations since it was first constructed. It is a conditionally allowed use by zoning and community plan, and is consistent with the Industrial Core planning area due to the project site's large acreage and relative isolation from other users. Expansion of the use to include processing of a portion of the power plant fuel supply onsite would not result in any requirement to construct new facilities, would not increase the overall biomass fuel supply, and would not result in significant changes to the operational character of the site. For these reasons the DRC has determined that the proposed wood waste chip and grind use is consistent with the community plan and the zoning.

The project does, however, request approval of a new discretionary land use and the approval of the new land use is required to achieve consistency with County policies related to provision of expanded public services. In accordance with policies of the Placer County General Plan and the Sunset Industrial Area Plan, the project would be conditionally required to dedicate right-of-way for the Placer Parkway project and to annex into Community Facilities District 2012-1 for the provision of expanded fire services to the Sunset Industrial Area. Both of these issues are described in greater detail below.

Transportation, Circulation & Fuel Sourcing

The power plant currently receives approximately 50 tractor-trailer deliveries of processed biomass each day. The applicant anticipates that receipt of unprocessed wood waste would increase daily truck trips by as much as two additional trips per day due to the unconsolidated nature of the unprocessed material. Staff estimates that up to 16 of the 52 daily deliveries would be associated with unprocessed waste wood material, which would be trucked to the site from the North Area Recovery Station in North Highlands where it is source separated prior to delivery to the project site. Unprocessed woody biomass material or construction waste would not be accepted from the general public.

Tractor trailers delivering unprocessed material would be weighed on the existing truck scales in the northwest corner of the site as they are now, after which they would utilize an existing paved circulation area to the south to turn around and proceed to the wood grinding pad to complete load tipping.

Noise

The project site is zoned Industrial and is insensitive to noise in accordance with policies of the Placer County General Plan Noise Element and the County Noise Ordinance. Adjacent properties to the north and west are zoned Industrial Park and are limited to activities that do not exceed an average hourly noise level (Ldn) of 75 decibels at the nearest property boundary. When sites with common property boundaries include different zoning designations, noise

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limitations of a proposed land use are determined on the basis of the more restrictive zoning, which is 75 decibels at the receiving property boundary in this instance.

The project application included a noise analysis of the proposed grinder. The operational noise character of the grinder, taken together with its distance from the nearest property boundary, would fall significantly below the 75 decibel hourly noise limitation at the nearest property boundary. Other operational characteristics of the project, such as load tipping, pile maintenance, and loading the grinder with woody biomass would not contribute significantly to the operational noise.

Air Quality

The project will continue its current dust control measures to maintain the opacity limit at the property boundary, including regular watering of the yard area and of fuel piles at various stages of processing. Dust suppression nozzles are used during load tipping and conveying of woody biomass to the yard area and again when the fuel is loaded onto the conveyor that feeds the boiler. The project will install dust suppression nozzles on the drop chute and outlet conveyor of the tub grinder to reduce dust emissions during grinding.

The project has been reviewed by Planning Services Division Air Quality staff and the Air Pollution Control District. The District determined that the project daily operational emissions of PM^{10} emissions, or fine particle dust, would fall below the District's 10 pounds per day limit. The project would be required to receive an Authority to Construct permit from the District for both the electric tub grinder and for the diesel grinder, which will enable the District to perform annual inspections of the wood grinding operations. No additional permitting from the District will be required.

Odor

Biomass power plants characteristically include some odors associated with the storage of biomass materials that could be offensive to sensitive groups. Odors are primarily associated with the large amount of woody biomass material stored onsite and odors are primarily described as earthy, woody or grassy, but can smell pungent under certain weather and atmospheric conditions that accelerate wood decomposition.

The proposed project would have the potential to reduce odors coming from the project site because up to 29 percent of the power plant's fuel supply would arrive to the site as bulk unprocessed material, which would decay at a slower rate than processed material. If the project is approved it would limit the period of time when wood decomposition would be highest (due to the increased surface area and heat generation rates associated with smaller finer materials) and should have a corresponding decrease in instances of pungent odor.

Placer Parkway Dedication

Placer Parkway is a high speed regional transportation facility connecting State Route 65 to State Route 99. The plan line was depicted in the 1994 Placer County General Plan and further refined beginning in the early 2000's. Five corridors were analyzed and one was selected that was the Least Environmentally Damaging Practicable Alternative (LEDPA). The California Environmental Quality Act (CEQA) document was certified by the South Placer Regional Transportation Authority (SPRTA) in December of 2009 and the Federal Highway Administration completed their Record of Decision for the National Environmental Policy Act (NEPA) in May of 2010. Placer County adopted the corridor and updated the Placer County General Plan in December of 2011 for the LEDPA alignment.

Project's requiring entitlement approvals from Placer County are required to make findings that the proposed project is consistent with all applicable provisions of Placer County Code and all applicable policies and requirements of the Placer County General Plan and Sunset Industrial Area Community Plan. The Placer County General Plan includes policies requiring the dedication of the minimum width of roadway right-of-way for roads defined in Section 1 of the General Plan (Policies 3.A.2 and 3.A.3).

Furthermore, an agreement was reached between Placer County and the Cities of Roseville, Rocklin, and Lincoln on how the Placer Parkway would be funded and a Memorandum of Agreement was executed for the Tier II Fee (Placer Parkway funding program). In the agreement, the local jurisdiction (Placer County) is to require the dedication of land for the Placer Parkway right-of-way where the Placer Parkway is programmed within the new development in the Tier II Development Fee Area. The Placer County Tier II Fee area is defined as the area west of SR 65 outside of the Dry Creek/West Placer Community Plan, but including the Placer Vineyards Specific Plan.

Consistent with the General Plan policy requirements of other new development projects, this project would be required to dedicate roadway right-of-way to ensure that the County's current and planned future circulation network will be coordinated to accommodate acceptable and compatible levels of service with neighboring jurisdictions, and to ensure that adequate right-of-way is preserved so that road network enhancements can be constructed at the time they are determined to be necessary.

The new development is the project proposal by Rio Bravo requiring a Conditional Use Permit. The Placer Parkway corridor has been programmed along the southeastern portion of the project parcel. Prior to approval of a Building Permit for implementation of this project, the applicant shall be required to dedicate to Placer County that portion of the Placer Parkway right-of-way that crosses the project site, which is estimated to be 10.5-acres.

Community Facilities District Annexation

In 2012, the Board of Supervisors adopted policy amendments to the Sunset Industrial Area Plan to require the establishment of Community Facilities District 2012-1 in order to provide supplemental revenue sources for operations, training, maintenance, and personnel costs for Fire Station 77, which serves the Sunset Industrial Area.

In accordance with Placer County Resolution number 2012-260, which established Community Facilities District (CFD) No. 2012-1 in the Sunset Industrial Area (SIA), all new discretionary projects within the SIA will be conditioned to annex into CFD No. 2012-1 prior to County approval of a Parcel Map or Final Map, or issuance of Improvement Plans or issuance of a Building Permit for the Project. Upon meeting conditions to annex into CFD No. 2012-1, the maximum special tax will be applied to each parcel and to any existing development already on that parcel. This special tax is specifically for funding fire protection and emergency medical services within the CFD. Currently this tax is the higher of $794.54 per acre OR .08 cents per square foot of building space. This tax is modified yearly in an amount not to exceed the Consumer Price Index for All Urban Consumers for the San Francisco/Oakland/San Jose Metropolitan area.

Prior to approval of a Building Permit for implementation of this project, the applicant shall be required to execute a ballot and waiver to annex into the Community Facilities District. Completion of this requirement would ensure that the project is consistent with Implementation Program Policies 3.15, 3.16, and 3.17 of the Sunset Industrial Area Plan to require the

establishment of CFD 2012-1, which has already been formed, and to require annexation into the CFD of all discretionary land development applications.

RECOMMENDATION:
Based on the analysis described above, the Development Review Committee recommends that the Planning Commission determine that the project is categorically exempt from CEQA review and **approve** the Conditional Use Permit for the Rio Bravo wood waste chip and grind use (PCPA 20140034), subject to the following findings:

FINDINGS:
CEQA:
The Planning Commission finds that this project is categorically exempt from review under CEQA pursuant to Section 15301, Existing facilities (Class 1) and Section 15303, New construction or conversion of small structures (Class 3) of the CEQA Guidelines (ERO Sections 18.36.030 and 18.36.050) because the implementation of the wood waste chip and grind use will not result in environmental impacts because the existing power plant facility is developed with on-site paving, circulation, water quality treatment facilities and other improvements that support the wood waste chip and grind use. There is no exception to this finding.

Conditional Use Permit:

1. The proposed Rio Bravo Wood Waste Chip and Grind project is consistent with all applicable provisions of Placer County Code, Chapter 17, and any applicable provisions of other chapters of this code.

2. The proposed Rio Bravo Wood Waste Chip and Grind project is consistent with applicable policies and requirements of the Placer County General Plan and the Sunset Industrial Area Plan.

3. The establishment, maintenance or operation of the proposed project will not, under the circumstances of the particular case, be detrimental to the health, safety, peace, comfort and general welfare of people residing or working in the neighborhood of the proposed use, or be detrimental or injurious to property or improvements in the neighborhood or to the general welfare of the County because the project will be located in an industrial area surrounded by compatible uses and because existing site circulation, stormwater treatment and fire suppression improvements are adequate to serve this project.

4. The proposed project will be consistent with the character of the immediate neighborhood and will not be contrary to its orderly development.

5. The proposed project will not generate a volume of traffic beyond the design capacity of all roads providing access to the project.

Respectfully submitted,

Alex Fisch
Senior Planner

ATTACHMENTS:
Attachment A - Proposed Conditions of Approval
Attachment B - Vicinity Map
Attachment C – Site Plan
Attachment D – Manufacturer Brochure for Tub Grinder
Attachment E - Correspondence

cc: Travis Finn - Applicant
Phil Frantz - Engineering and Surveying Division
Richard Moorehead – Department of Public Works
Laura Rath - Environmental Health Services
Andy Fisher – Parks
Lisa Carnahan – Planning Division, Air Quality
EJ Ivaldi – Deputy Director of Planning
Karin Schwab - County Counsel
Gerry Cardin – County Counsel
Holly Heinzen – CEO
John McEldowney – Office of Emergency Services
Michael Johnson – Agency Director

RECOMMENDED CONDITIONS OF APPROVAL – CONDITIONAL USE PERMIT "RIO BRAVO WOOD WASTE CHIP AND GRIND" (PCPA 20140034)

THE FOLLOWING CONDITIONS SHALL BE SATISFIED BY THE APPLICANT, OR AN AUTHORIZED AGENT. THE SATISFACTORY COMPLETION OF THESE REQUIREMENTS SHALL BE DETERMINED BY THE DEVELOPMENT REVIEW COMMITTEE (DRC), COUNTY SURVEYOR, AND/OR THE PLANNING COMMISSION.

1. This Conditional Use Permit authorizes the establishment of a wood waste chip and grind use (Heavy Processing Facility) in accordance with Zoning Ordinance Section 17.56.170 (Recycling Facilities) on Assessor's Parcel Number 017-063-031. The project is approved to implement a mobile wood grinder at the existing Rio Bravo biomass power plant in order to process up to 20,000 tons of biomass and waste wood per quarter, 80,000 tons annually. (PLN)

2. Grinding operations are permitted two days per week between the hours of 7:00a.m. and 7:00p.m. Grinding operations may occur on a more frequent basis, but shall not exceed 24 hours per week. (PLN)

3. Grinding shall occur each week to ensure that onsite wood storage does not exceed the limitations of the concrete storage pad or good housekeeping practices. (PLN)

4. Woody biomass and woody construction debris shall be supplied as woody biomass and construction debris only and shall not include appreciable amounts of non-biomass wastes. No public tipping shall be allowed. (PLN)

5. This project incorporates all conditions of approval of Conditional Use Permit 875, which governs the operations of the biomass power plant. (PLN)

6. This project is located within the permit area covered by Placer County's Small Municipal Separate Storm Sewer System (MS4) Permit (State Water Resources Control Board National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000004, Order No. 2013-0001-DWQ), pursuant to the NPDES Phase II program. Project-related stormwater discharges are subject to all applicable requirements of said permit.

   The project shall implement permanent and operational source control measures as applicable. Source control measures shall be designed for pollutant generating activities or sources consistent with recommendations from the California Stormwater Quality

Association (CASQA) Stormwater BMP Handbook for New Development and Redevelopment, or equivalent manual.

The project is also required to implement Low Impact Development (LID) standards designed to reduce runoff, treat stormwater, and provide baseline hydromodification management.

7. Prior to project operation the project shall receive final inspection approval of a Building Permit for new electrical service improvements required to serve the project. (BLD/PLN)

8. Prior to project operation the project shall submit to the Fire Department for review and approval an updated fire plan describing proceedures to disconnect the tub grinder power and shut down the grinder during an emergency. (FD/PLN)

9. The project shall provide all weather access to and around the Mobark 1300B tub grinder. (FD/PLN)

10. The project shall provide and maintain at all times a minimum 20-foot all weather access around biomass piles waiting for grinding. (FD/PLN)

11. Prior to project operations the applicant shall receive an Authority to Construct Permit from the Placer County Air Pollution Control District. (PLN)

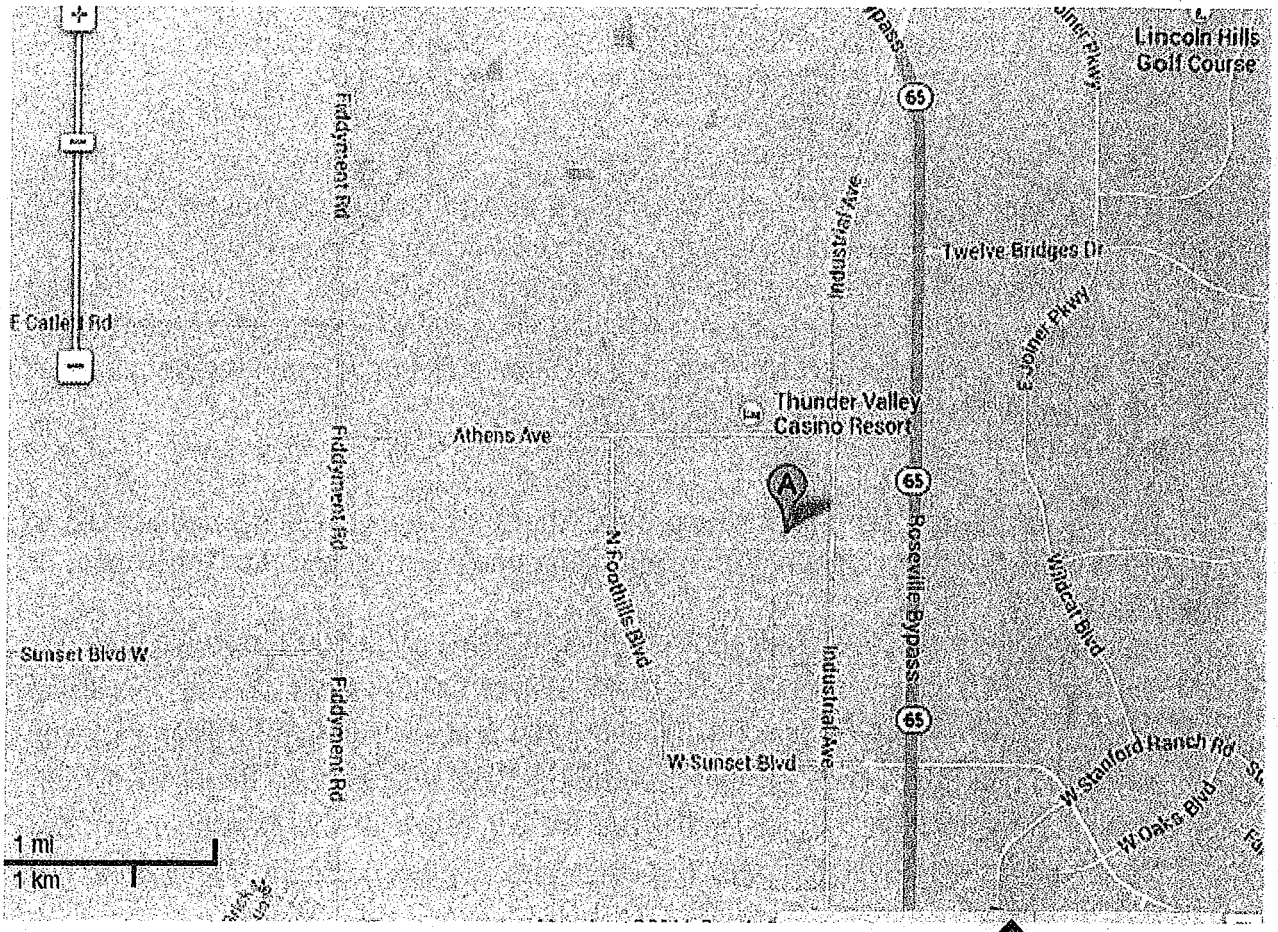
12. The applicant shall, upon written request of the County, defend, indemnify, and hold harmless the County of Placer, the County Board of Supervisors, and its officers, agents, and employees, from any and all actions, lawsuits, claims, damages, or costs, including attorney's fees awarded by a certain development project known as the *Rio Bravo Wood Waste Chip and Grind Project*. The applicant shall, upon written request of the County, pay for, or, at the County's option, reimburse the County for all costs for preparation of an administrative record required for any such action, including the costs of transcription, County staff time, and duplication. The County shall retain the right to elect to appear in and defend any such action on its own behalf regardless of any tender under this provision. This indemnification obligation is intended to include, but not be limited to, actions brought by third parties to invalidate any determination made by the County under the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) for the Project or any decisions made by the County relating to the approval of the Project. Upon request of the County, the applicant shall execute an agreement in a form approved by County Counsel incorporating the provision of this condition. (PLN)

13. Prior to the issuance of a building permit, the project property shall annex into Community Facilities District 2012-1 (CFD 2012-1) formed for the purposed of funding supplemental revenue for operations, training, maintenance and personnel costs for Fire Station No. 77. Developer agrees to the establishment of a special tax in an amount generally consistent with the draft Rate and Method of Apportionment of Special Taxes dated October 25, 2001. The project shall execute a Ballot and Waiver, and record a map of their existing parcel in the CFD 2012-1 Book. (OES)

14. Prior to Building Permit issuance, provide the following easements/dedications to the satisfaction of the Engineering and Surveying Department (ESD) and the Department of Public Works (DPW):

An Irrevocable Offer of Dedication to Placer County for a 500 foot-wide highway easement (Ref. Chapter 12, Article 12.08, Placer County Code; Policy 3.A.2 and 3.A.3, Placer County General Plan) where the project fronts the Placer Parkway adopted plan line shown in the Circulation Plan Diagram in the 2013 Placer County General Plan, as measured from the centerline of the plan line, or other alignment as approved by the Transportation Division of the Department of Public Works. (ESD/DPW)

15. This Conditional Use Permit is approved for 24 months and shall expire on June 2, 2016, unless exercised by final inspection approval of a Building Permit for the new electrical service improvements to serve the grinder and onsite operation of the wood waste chip and grind use in accordance with these permit conditions. (PLN)



Vicinity Map

North

ATTACHMENT B

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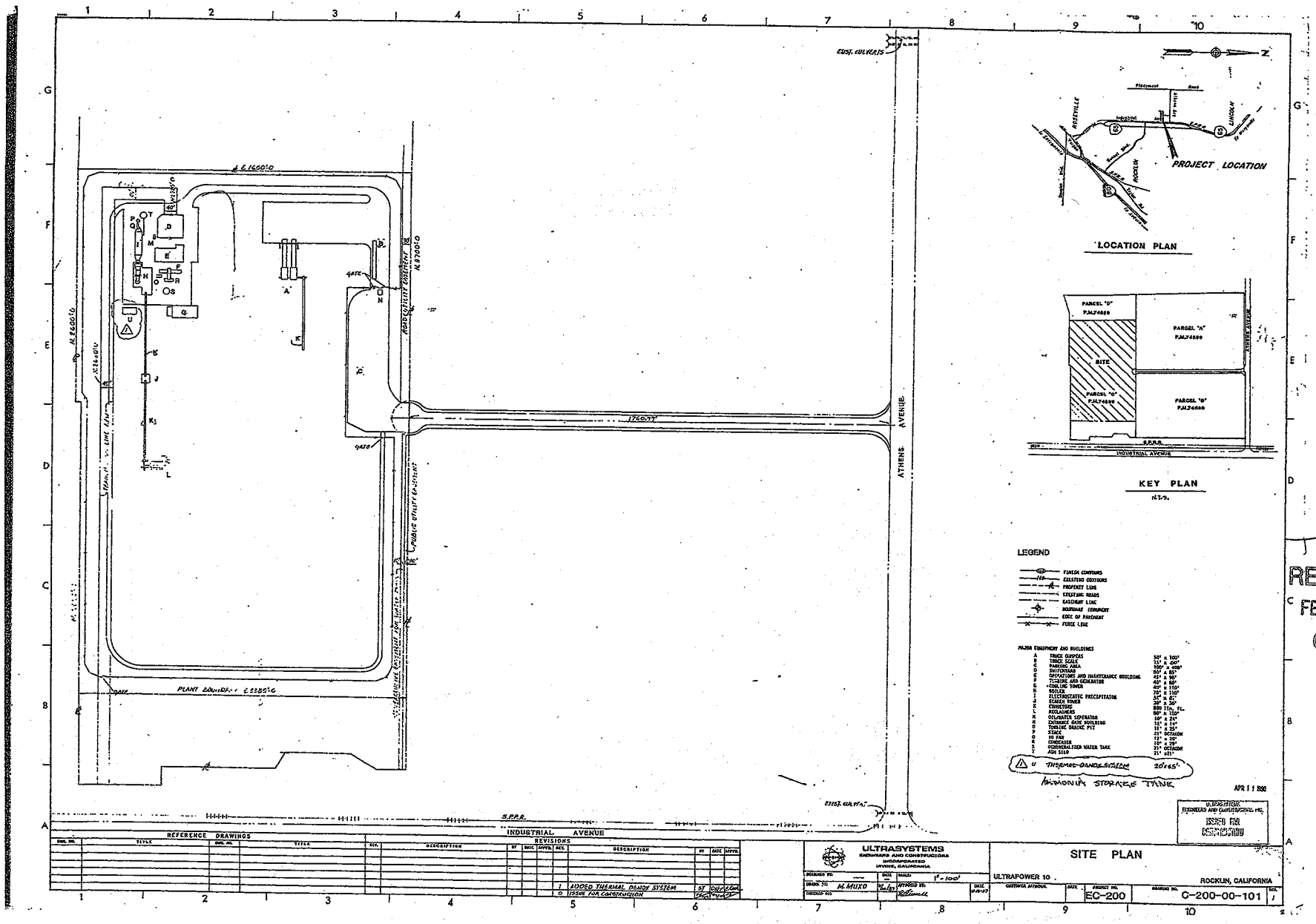
ATTACHMENT C



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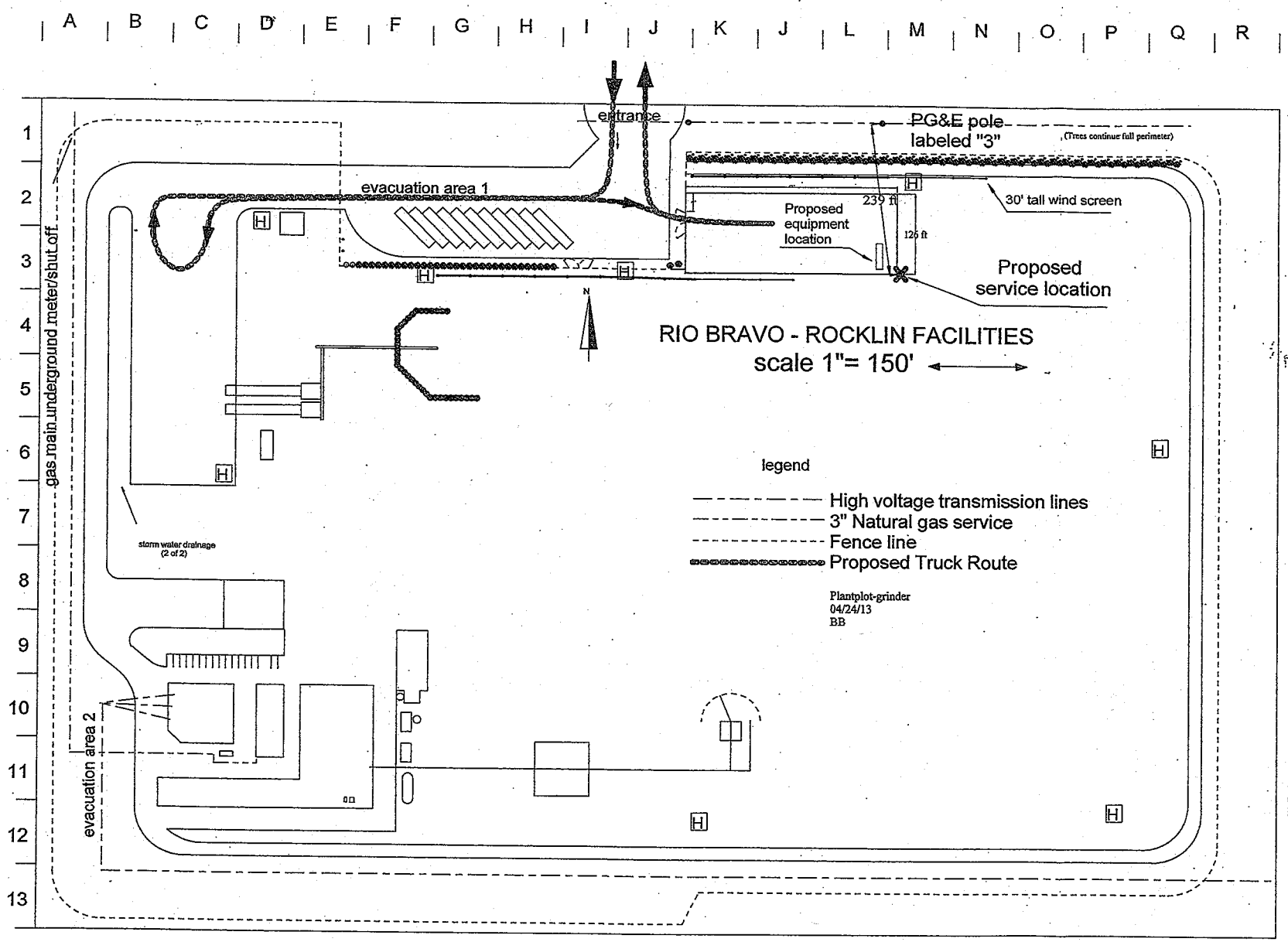

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Rio Bravo Rocklin New Service		
File name : ash pad grinder.tcw		
Scale : 1" = 100'		
Revision 2	Date 2/5/14	Drawn by BB

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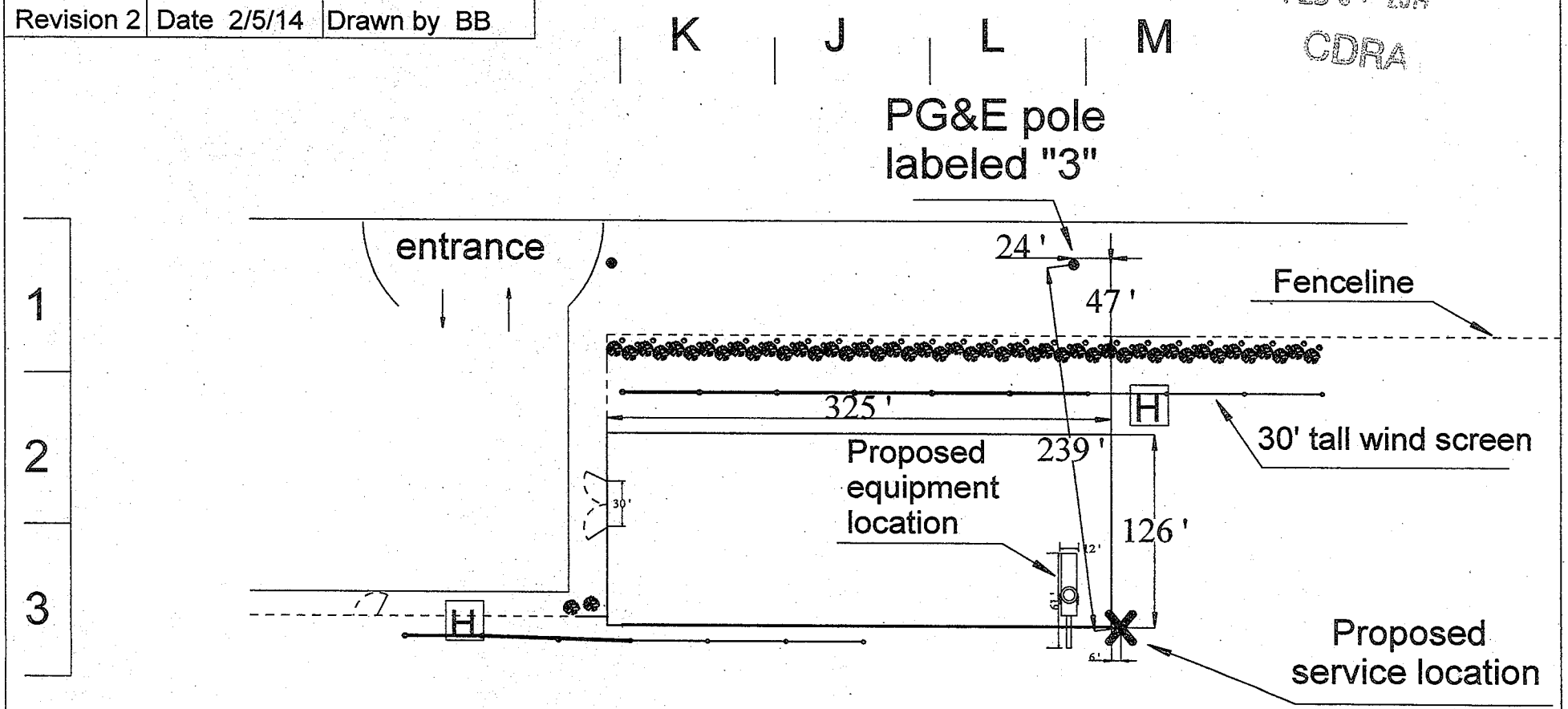
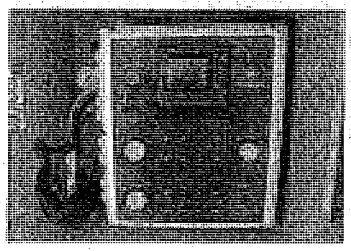


MORBARK® 1300B TUB GRINDER

BENEFITS

- The Morbark 1300B Tub Grinder combines heavy-duty construction with the latest technology, including the Morbark Integrated Control System, which allows you to monitor critical machine parameters.
- Replaceable, one-piece anvil and tub floor wear plates make maintenance easy and reduce downtime.
- Full hydraulic tilt tub provides easy access to grates and anvil for routine maintenance
- Proven drive line protection system that protects against catastrophic damage from contaminants.
- Like all Morbark equipment, the 1300B Tub Grinder is a long-lasting, durable machine backed by a world-class parts and service support team.

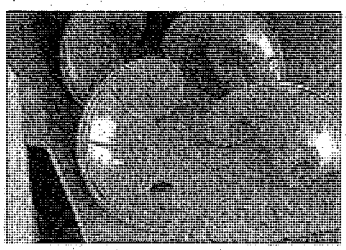


Morbark Integrated Control Systems (MICS)

Monitors pressures, temperatures, clutch systems, tub rotation and engine efficiency to maximize production and engine efficiency.

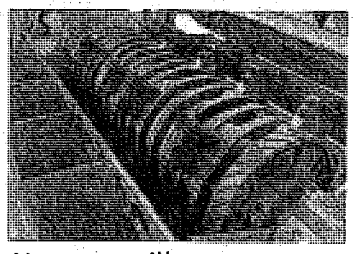
Torque Limiter

The full breakaway torque limiter system protects the engine and clutch against shock and overload without stalling the engine.



Hydraulic Augers

Quickly remove product from beneath the mill and during material surges, pressure sensors automatically slow tub rotation to prevent plugging.



Hammermill

Laser-cut, factory balanced hammermills with forged hammers offer unsurpassed durability and smooth operation.

SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 7/8/11

General

Length (transport)	43'8"
Length (operating)	60'10"
Height (transport)	13'6"
Width	11'11"
Gross weight NCL	74,580 lbs.
Axle weight NCL	50,520 lbs.
Tongue weight NCL	24,060lbs.
Gross weight WCL (optional)	86,520 lbs.
Axle weight WCL (optional)	56,000 lbs.
Tongue weight WCL (optional)	30,520 lbs.
Engine	CAT or Cummins
Horsepower	800 HP to 1,050 HP
Fuel capacity (tank)	505 gallons
Hydraulic oil capacity	205 gallons

Tub

Tub has 10' diameter at inside base, and 57" deep walls constructed of 3/8" structural steel plate, floor constructed of 1/2" thick T-1 wear-resistant steel, supported by (16) roller guides carried on 1-1/2" diameter shaft

Hydraulic full tilt tub for easy access to hammermill, with hydraulically powered variable RPM forward and reverse MICS (Morbark Integrated Control System) tub control

Tub cover for debris containment

Hammermill and Screen

31" x 64" Hammermill system constructed of heavy-duty 20" diameter rotor, (13) 1-7/8" thick 2-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 7" diameter shaft with 4-7/16" bearings and (8) 2-1/4" hammer retaining rods

1" thick steel heavy duty split-screens

Discharge System

Two 16" diameter augers discharge onto a 40" x 31' heavy-duty belt conveyor

Discharge height of 17'

Hydraulic fold for transport

Front hydraulic stabilizers and manual outriggers

Options

Light package

Air compressor

Morbark automatic reversing fan

Remote control

Magnetized end pulley with collecting slide tray for ferrous metal extraction

Hydraulic rod pusher

Dust suppression system

14' tub flare

ESPAR heating system

Externally adjustable break-away torque limiter

Available with no cab and loader

MORBARK®
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

800.831.0042
989.866.2381
www.morbark.com

PO Box 1000
8507 S. Winn Rd.
Winn, MI 48896

ATTACHMENT D

THUNDER
VALLEY
CASINO · RESORT

April 23, 2014

Michael Johnson, AICP, Agency Director
c/o Alex Fisch
Placer County Planning Commission
3091 County Center Drive
Auburn, CA 95603

Re: Conditional Use Permit (PCPA 20140034)
Rio Bravo Rocklin – Wood Waste Chip and Grind

Dear Mr. Johnson,

In response to the Planning Commission's Notice of Hearing regarding the above-referenced Conditional Use Permit for Rio Bravo Rocklin, the United Auburn Indian Community dba Thunder Valley Casino Resort has the following questions and concerns.

The Rio Bravo plant's current operations produce an unpleasant odor from time to time. While the Staff Report addresses air quality, it does not specifically mention the olfactory impact the unprocessed fuel materials and grinding will have on the surrounding area. In the event the grinding process will cause an increase in the odor problem, we ask that the County consider adding a condition of approval to prohibit the 2 days of grinding on Friday through Sunday, which is our peak period of business. We are concerned that our outdoor pool area, concert venue and High Steaks patio business will be negatively impacted by any increase in odor from the plant.

In order to avoid any potential increase in odor we would strongly recommend that any processed and unprocessed fuels be protected from moisture. Exposure to moisture could potentially change the odor and/or level of smoke compared to the existing condition.

Thank you for your consideration.

Sincerely,

Dawn Clayton,
General Manager

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UNITED AUBURN INDIAN COMMUNITY

ATTACHMENT E