

FIA RECEIPT 530630  
JAN 30 2012

NONMETALLIC MINERAL PROCESSING PLANT (CRUSHER)  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET

Facility Identification Number - If known (seven digit number)

Facility # 7775392

7775392-002

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C.
- Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

N/A

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

STEVE'S EXCAVATING & PAVING INC.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

KEENE ROAD YARD

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: 1741 N. KEENE ROAD

City: CLEARWATER

County: PINE HILLS

Zip Code: 33755 - 2312

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility.)

N/A

**Facility Contact**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: STEVE SARNAGO, VICE PRESIDENT

Facility Contact Telephone Numbers

Telephone: (727) 446-3485

Fax: (727) 442-4719

Cell phone: (227) 638-2711

E-mail: Catsarnago@AOL.COM

Facility Contact Mailing Address

Organization/Firm: STEVE'S EXCAVATING & PAVING INC.

Mailing Address: PO BOX 303

City: DUNEDIN

County: ANELLAS

Zip Code: 34697

**Other Contact/Representative (to serve as additional Department contact)**

Name and Position Title

Print Name and Title: CATHY SARNAGO PRESIDENT

Other Contact/Representative Telephone Numbers

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Cell phone: \_\_\_\_\_

SAME

E-mail: \_\_\_\_\_

Other Contact/Representative Mailing Address

Organization/Firm: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

SAME

City: \_\_\_\_\_

County: \_\_\_\_\_

Zip Code: \_\_\_\_\_

**Type of Facility**

Check one:  
 Stationary Facility                       Relocatable Facility

**Type(s) of Precautions Used to Prevent Unconfined Emissions**

Check all that apply for the management of roads, parking areas, stock piles and yards:

Maintain Roads/Parking/Yards       Use Water Application       Use Dust Suppressant  
 Remove Particulate Matter       Reduce Stock Pile Height       Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

Feeders       Entrance to "Crusher"       Exit of "Crusher"  
 Classifier Screens       Conveyor Drop Points

**Emission Unit Details**

COMPONENT DESCRIPTION (e.g. primary, secondary crusher, screener, conveyor, RICE* engine and fuel type, etc.)	MANUFACTURER	DATE OF MANUFACTURE	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY (tons/hr, hp)
TRACK MOUNT IMPACT PLANT	PIONEER FAST TRAX	2007	FT4240	407345	140 Tons per Hr.
CUMMINS DIESEL					
KP STACKING CONVEYOR	KP	2007	II-3050	407030	140 Tons per Hr.

SEE DATA SHEET ATTACHED →

\*RICE: Reciprocating Internal Combustion Engine

### Description of Facility

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe material(s) processed, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

*This is a PIONEER FAST TRAX 2007 MODEL # 4240 TRACK MOUNT IMPACT PLANT SERIAL # 407345*

*THIS MACHINE HAS SPRAY BARS @ THE FEEDERS, SCREENS, CRUSHER EXTREME, ALL DROP POINTS AND EXIT OF CRUSHER. STEVE'S USES WATER SPRINKLERS TRUCKS WHEN NEEDED, WIND BREAKS & STOCK PILES HEIGHT TO A MINIMUM. WE MAINTAIN ALL PARKING, ROADS & YARD USING REASONABLE PRECAUTIONS TO PREVENT UNCONFINED EMISSIONS*

*PLEASE SEE 5-PAGE EXHIBIT ATTACHED*

### Helpful Definitions:

**"Capacity"** – Per 40 CFR 60.671, the cumulative rated capacity of all initial crushers that are part of the plant.

**"Department" or "DEP"** - The State of Florida Department of Environmental Protection.

**"Emissions Unit"** - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

**"Facility"** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**"Owner" or "Operator"** - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

**"Nonmetallic Mineral Processing Plant"** – Per 40 CFR 60.671, any combination of equipment that is used to crush or grind any nonmetallic mineral wherever located, including lime plants, power plants, steel mills, asphalt concrete plants, portland cement plants or any other facility processing nonmetallic minerals except as provided in 40 CFR §60.670 (b) and (c).

**"Relocatable Facility"** - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.

**"Screening Operation"** – Per 40 CFR 60.671, a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series and retaining oversize material on the mesh surfaces (screens). Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.

**"Size"** – Per 40 CFR 60.671, the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.

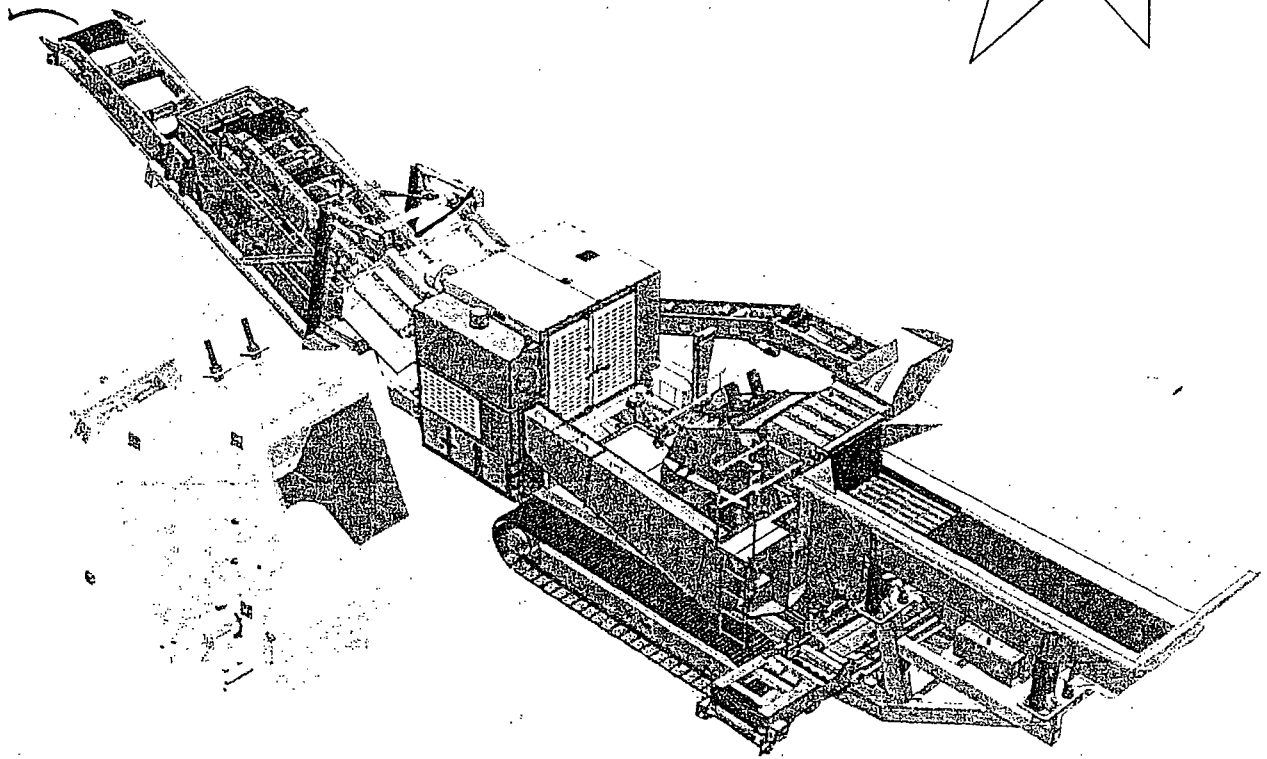
**"Unconfined Emissions"** - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

# Pioneer®

# FastTrax

## FT4240

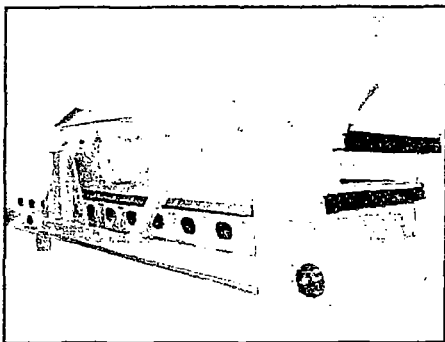
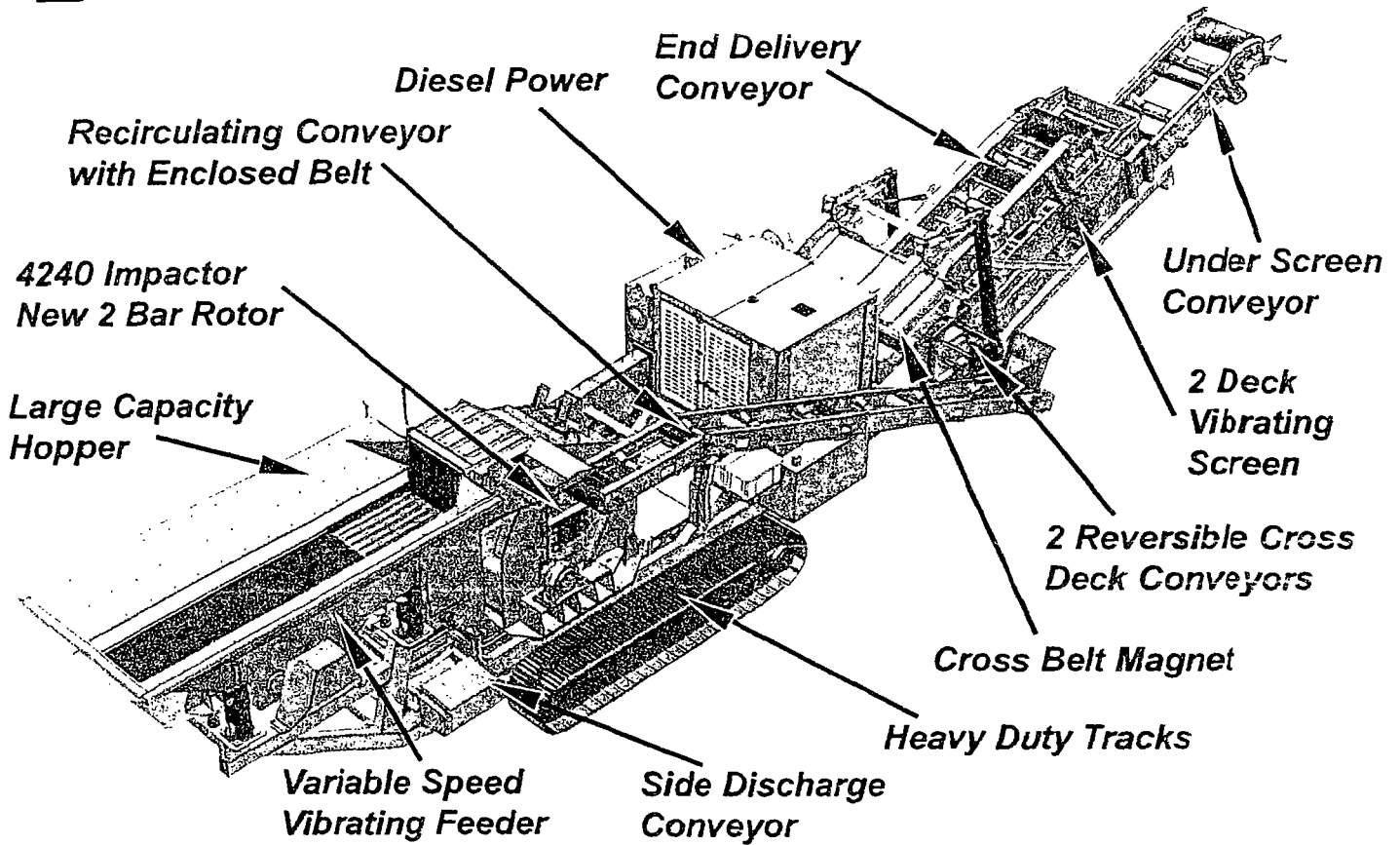
### Track Mount Impact Plant



**KOLBERG-PIONEER, INC.**  
an Astec company

# Pioneer

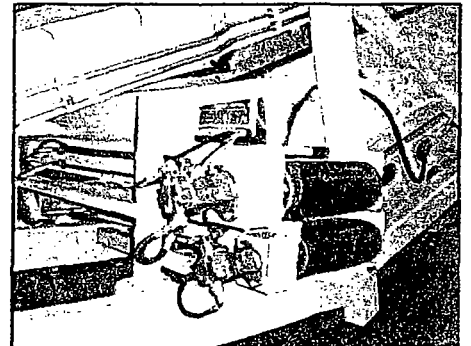
FT4240 Track Mount . . . new design makes transport easier!



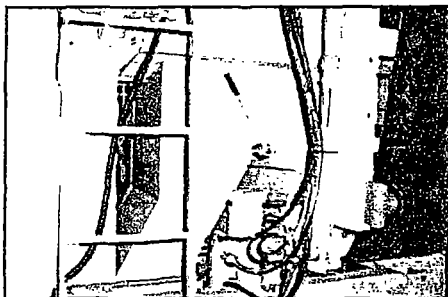
Optional two deck vibrating screen features hydraulically driven adjustable speed and stroke.



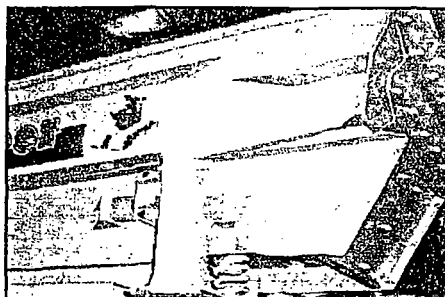
Parametric 3-D designed, PIONEER 4240 Impact Crusher.



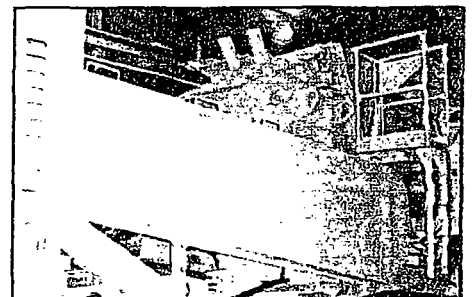
Two reversible cross deck conveyors provide maximum production flexibility.



Easy to use flop gate allows operator to easily direct bypass material.

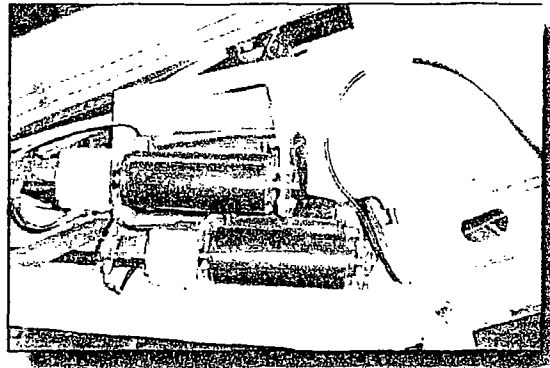
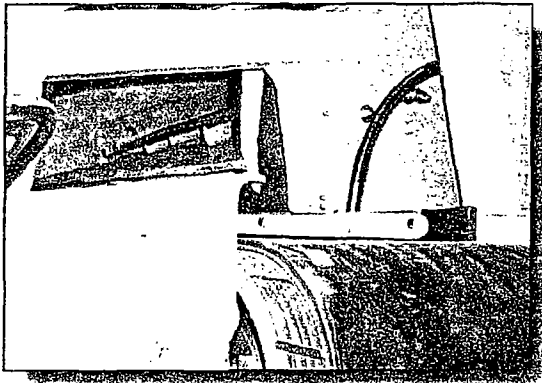


All new huck bolted vibrating feeder provides outstanding durability.



V-belt direct drive impactor for simplicity and ease of maintenance.

- ① **Two deck screen allows production of more product sizes without additional screening.**
- ① **All new 2 bar rotor design allows maximum application flexibility.**
- ① **Dual reversible cross deck screen conveyors can be discharged to off-plant stackers.**
- ① **Easy to use flop gate allows operator to easily direct bypass material.**
- ① **Move while crushing for continuous operation allowing windrowing of finished product.**
- ① **New design combines the portability of a track mount crusher with optional 2 deck screening and closed circuit efficiency.**
- ① **Remote control for convenient operation.**



**PIONEER FT4240 Impact Plant: A new highly portable design featuring a two deck screen for increased application flexibility.**

This new design makes transport significantly easier, an important consideration for contractors and smaller operators.

The highly portable **FT4240** track-mounted Horizontal Shaft Impactor (HSI) plant is designed to simply drive off the transport trailer and begin crushing. With innovative features and options, the **FT4240** provides maximum production and application flexibility.

The **FT4240** will crush "on the go" allowing the finished product to be windrowed as the plant is fed material to be crushed. The plant also provides hydraulic drive for off plant conveyors for larger product stockpiling. In addition, the optional two deck screen package provides the ultimate highly portable all-in-one processing plant able to produce multiple products simultaneously.

For a high production, complete crushing solution in a self contained package built in the USA, the only choice is the **All New Pioneer FT4240**.

## SPECIFICATIONS

### Engine

- Cummins QSL9-300hp
- 150gal gallon fuel tank

### Hydraulics

- Parker seal lock provides leak free connection
- Easy access ground level controls and lockable enclosure
- Hydrostatic pump group and circuit with 150gal gallon oil reservoir

### Electronics

- Self diagnostics are engaged at each start-up sequence

### Impact Crusher

- 4240 with heavy duty shaft and bearings. Replaceable liners & wear lips. Wedge style blow bar retention system.

### Vibrating Feeder

- 40" x 14', 4' step deck grizzly, variable speed

### Hopper

- 5 1/2 cubic yard capacity
- 14'-6" x 7'-0" loading hopper with fixed walls and by-pass chute

### End Delivery Conveyor

- 36" x 40' hydraulic drive.

### Side Delivery Conveyor

- 24" x 12' with hydraulic fold

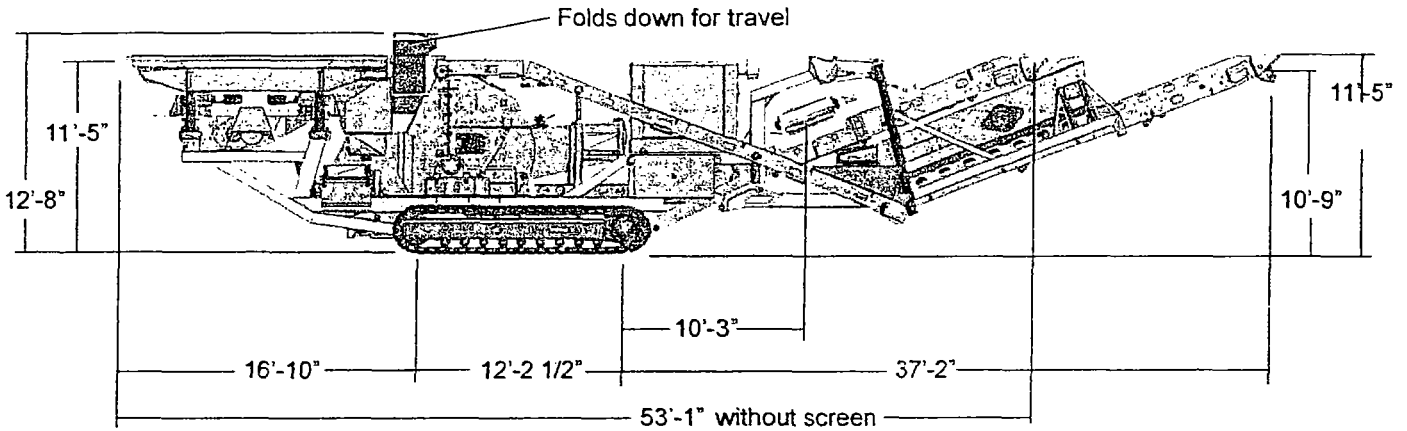
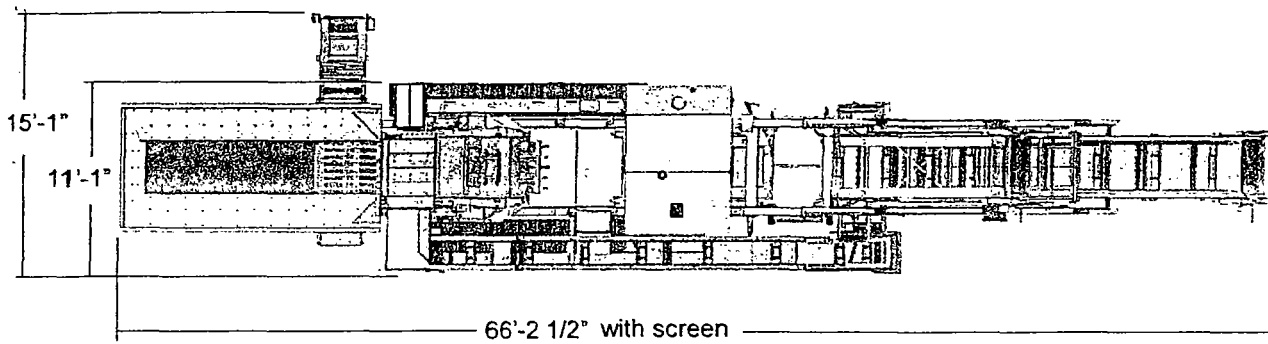
### Recirculating Conveyor System

- 18" inclined conveyor with cleated belt
- 18" x 7' cross conveyor (2 conveyors, one at each screen deck)

### Options

- 4' x 12' two deck screen w/underscreen conveyor and two side delivery conveyors
- Permanent self-cleaning cross belt magnet
- Side delivery conveyor
- Close circuit conveyor system

ENGINE  
DATA



**Overall Length:** 66'-2 1/2" with screen

53'-1" without screen

**Overall Width:** 15'-1" (operating w/optional side delivery conveyor)

**Overall Height:** 12'-8" (operating)

**Weight:** 99,000lb with screen (approximate)

**Travel Height:** 11'-5"

**Travel Width:** 11'-1"

*MACHINE-RATED CAPACITY*

**Process up to 325 Tons per Hour**

**NOTE:** Specifications are subject to change without notice.

Because KPI may use in its catalog & literature, field photographs of its products which may have been modified by the owners, products furnished by KPI may not necessarily be as illustrated therein. Also continuous design progress makes it necessary that specifications be subject to change without notice. All sales of the products of KPI are subject to the provisions of its standard warranty. KPI does not warrant or represent that its products meet any federal, state, or local statutes, codes, ordinances, rules, standards or other regulations, including OSHA and MSHA, covering safety, pollution, electrical wiring, etc. Compliance with these statutes and regulations is the responsibility of the user and will be dependent upon the area and the use to which the product is put by the user. In some photographs, guards may have been removed for illustrative purposes only. This equipment should not be operated without all guards attached in their normal position. Placement of guards and other safety equipment is often dependent upon the area and the use to which the product is put. A safety study should be made by the user of the application, and, if required additional guards, warning signs and other safety devices should be installed by the user, wherever appropriate before operating the products.

**KPI KOLBERG-PIONEER, INC.**  
an Astec company

700 W. 21st St. - P.O. Box 20 - Yankton, SD 57078

Phone: (605) 665-8771 - FAX: (605) 665-8858

mail@kolbergpioneer.com

**800-542-9311**

www.kpijci.com



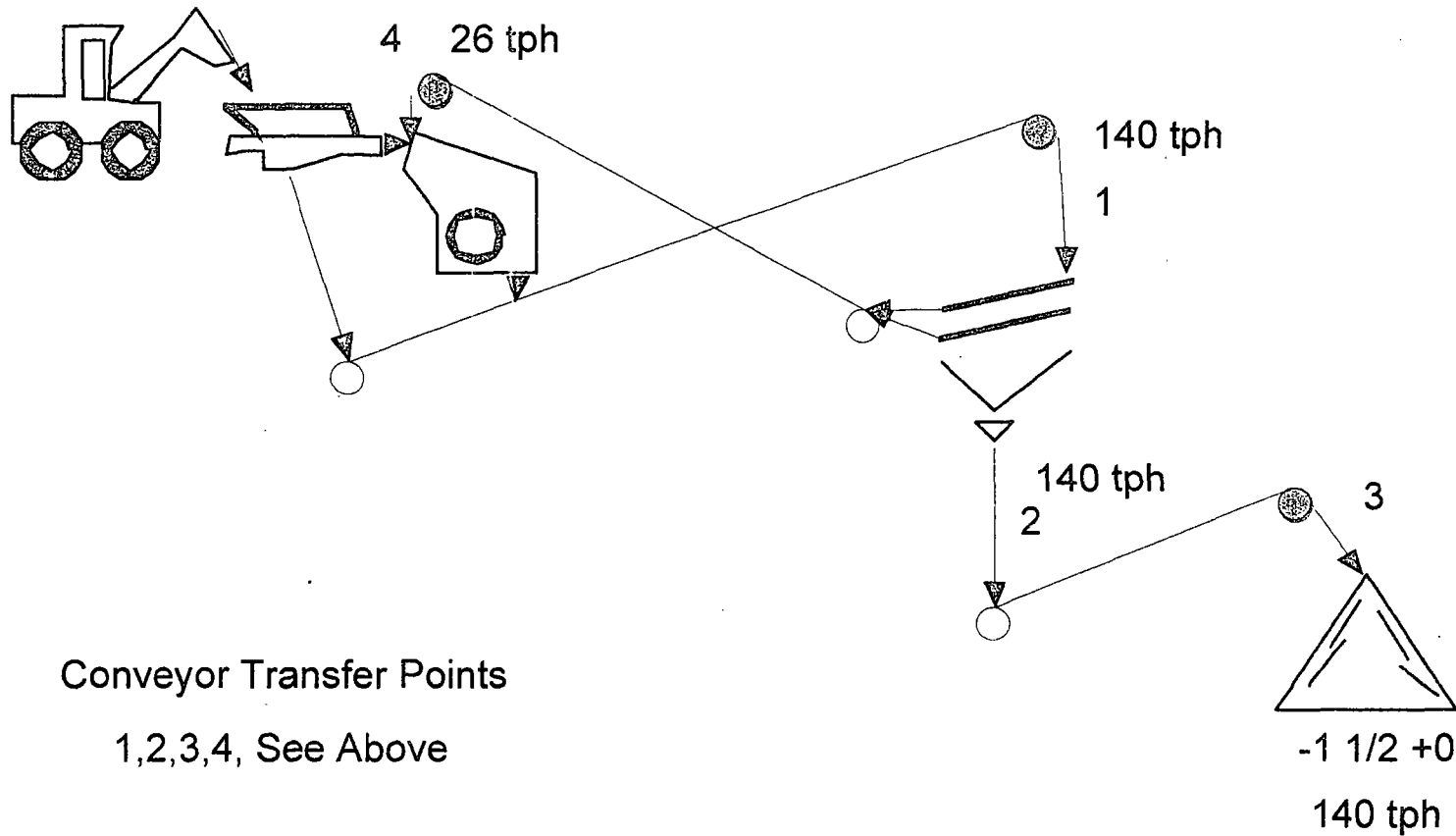
Steves Excavation Co.

PIONEER FT 4240 closed circuit Track Plant

Recycled Concrete

Unit Serial Number 407345

140 tph



Conveyor Transfer Points

1,2,3,4, See Above

Crusher output gradations, tons per hour of products and screen calculations may change due to variations in operating conditions and application of the crushing and screening equipment. This information does not constitute an expressed or implied warranty or guarantee, but shows results of test crushing of samples provided by customers or book values published by manufacturers. This is guideline information only.

site: Steves Excavating Co.

prepared by:

date: February/22/2007

AggFlow 5.0

Steve's Excavating & Paving Inc.  
Steve's Excavating & Paving Inc.

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