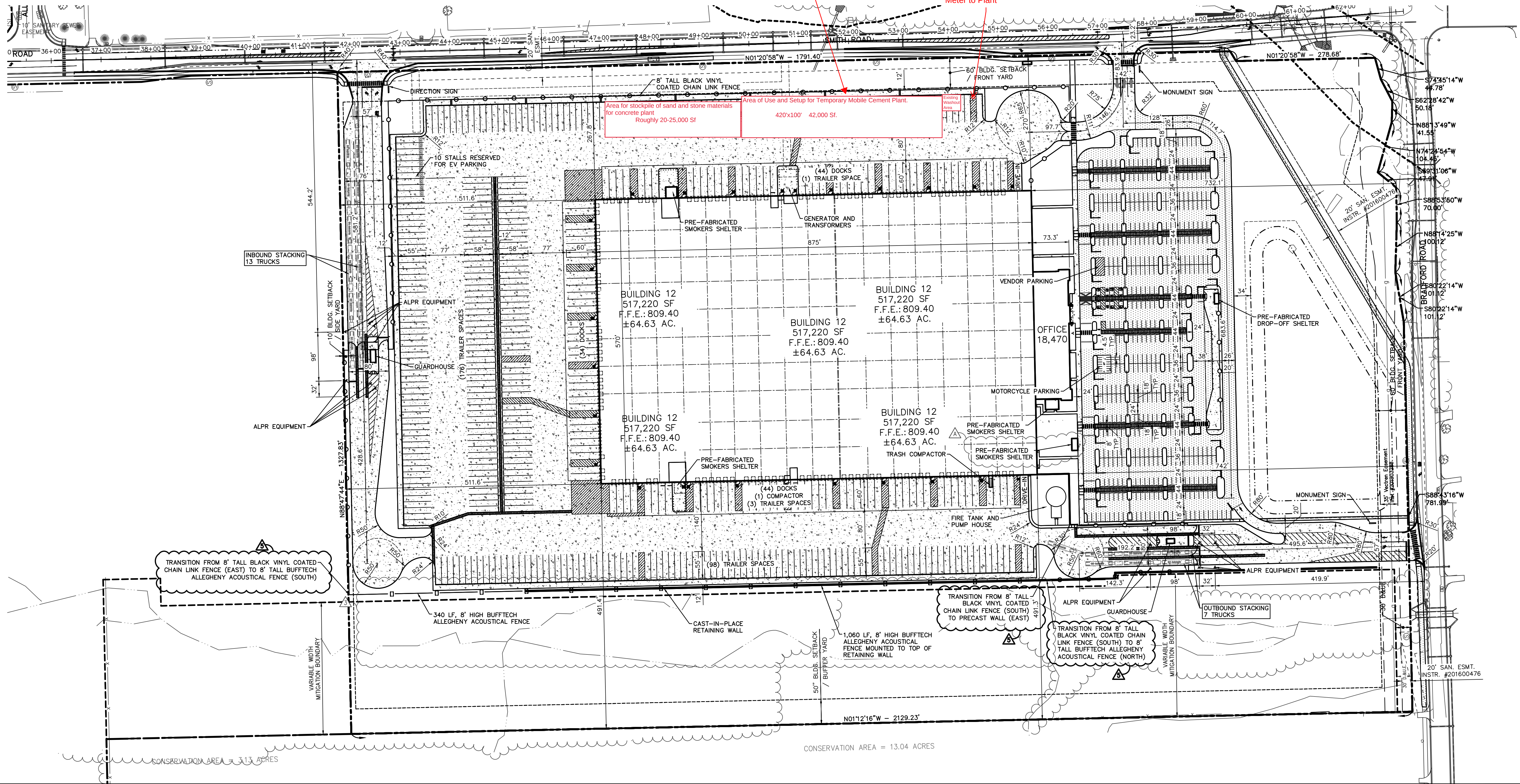




FH Location for Water
Meter to Plant

	LIGHT DUTY ASPHALT PAVEMENT
	CONCRETE PAVEMENT



CONSERVATION AREA = 13.04 ACRES

g Number:
C200
Of Sheet
g/Duke Job Number:
APM12
Job Number:
017.01143



TEREX®

RUSTLER R3 PORTABLE CONCRETE PLANT



**RUSTLER R3
PORTABLE CONCRETE PLANT**

RUSTLER R3

PORTABLE CONCRETE PLANT

RUSTLER R3 PORTABLE CONCRETE PLANT

Portability & Performance

The Rustler R3 was designed to meet today's ready-mix producer's need for better truck utilization with a highly mobile, self-erecting remote concrete batch plant. With numerous aggregate and cement storage options, the Rustler R3 plant can be configured to meet most ready-mix applications

Features

- 160 yd³ (122 m³) hourly capacity
- End-loader charging
- Optional hydraulic self-erection
- No concrete foundations required
- Silo dust collector folds down for travel
- The plant can be direct-charged with a standard end-loader. (No charging conveyors required.)
- Aggregate charging height: 13 ft 2 in (4,010 mm) Max
- Transit mix truck charging height: 14 ft 1 in (4,280 mm) Max
- Factory wired, plumbed and tested
- Fast site erection and tear-down
- Additional aggregate and cement storage available
- Optional diesel generator power



*Specifications, materials and configurations subject to change without notice.

¹ Based on aggregate density 100 lb/ft³ (16 kg/m³).

² Based on aerated cement density 74 lb/ft³ (1,185 kg/m³).



RUSTLER R3 SPECIFICATIONS

Production

Hourly production rate	Up to 160 yd ³ /hr (122 m ³ /hr)
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Storage Capacity

Aggregate storage ¹ standard	21 yd ³ (16 m ³); 28 tons (26 Mtons)
Optional	1 ft 4 in (406 mm) extension – 32 yd ³ (24 m ³) 43 tons (39 Mtons) 2 ft (610 mm) extension – 42 yd ³ (32 m ³) 57 tons (52 Mtons)
Cement storage ²	1,600 ft ³ (45.3 m ³); 59 tons (53.5 Mtons)

Batcher Rated Capacity

Aggregate	12 yd ³ (9.2 m ³)
Cement	12 yd ³ (9.2 m ³) – 132 ft ³ (3.73 m ³)

Cement Transfer Screws

Two 9 in (102 mm) diameter screw conveyors, each powered by a 20 hp (14.9 kW) TEFC drive.

Aggregate Transfer Conveyor

Belt width	30 in (762 mm)
Belt drive	15 hp (11.2 kW) TEFC
Rated	675 tph @ 350 fpm (612 mtpm @ 107 mpm)

Air Compressor

Air receiver	80 gal (303 L)
Compressor drive	10 hp (7.46 kW) TEFC
Rated	35 ACFM (59 m ³ /s), 175 PSI (11.8 bar)

Water System

Water meter (turbine type)	3 in (76 mm) diameter
Capacity	350 gpm (1,325 Lpm)

Plant Dimensions

Travel length	64 ft 10.5 in (19,770 mm)
Travel width	11 ft 6 in (3,510 mm)
Travel height	13 ft 10 in (4,216 mm)
Weight (approximate)	53,600 lb (24,312 kg)

Optional Equipment

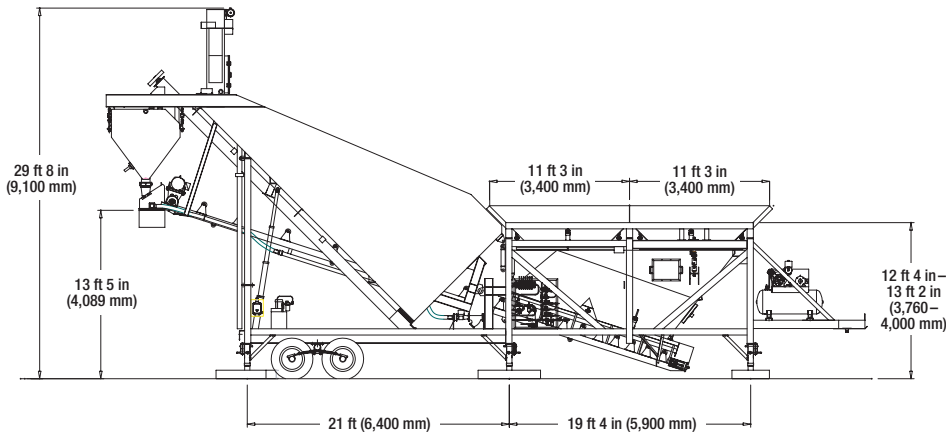
Steel foundation pads	Water reservoir
Hydraulic self-erection system	Over-fill protection



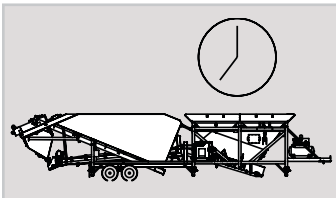
- Combined plant air panel
- Easy service from ground
- Every component is lubricated for life

- 10 HP water pump with inlet trainer
- Plumbed at factory to water meter
- 750 gal (2,839 L) holding tank
- For areas of low-volume water supply

Rustler R3 Portable Concrete Plant Dimensions

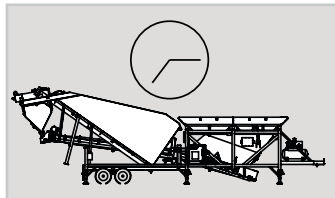


SET UP: 0 minutes



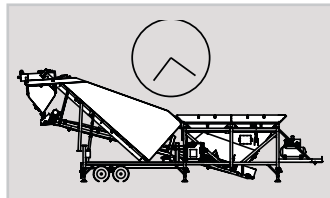
160 yd³ (122 m³) per hour capacity

SET UP: 15 minutes



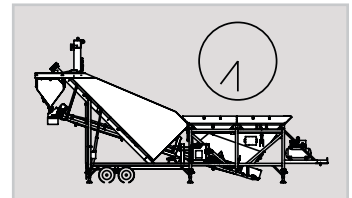
Compact travel dimensions

SET UP: 20 minutes



Aggregate charging height:
12 ft 8 in (3,861 mm) Min*
15 ft 2 in (4,623 mm) Max*

SET UP: 30 minutes



Transit mixer truck clearance:
13 ft 5 in (4,089 mm) Min*
14 ft (4,267 mm) Max*

Illustrations may feature optional equipment.
*7 in (180 mm) adjustment.

Effective Date: October 2008. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2008 Terex Corporation.

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