



FREE LIFT STATION DESIGN & ENGINEERING SERVICE

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Let Romtec Utilities do the design and engineering work for you -- ALL AT NO COST! BY: _____
Use this form to list basic information about the lift stations you need. WE'LL DO THE REST.

You will receive free of charge:

Date: 09-13-06

1. Drawings of pre-engineered package lift station
2. Summary Materials Specification
3. Detailed Quotation (lift station cost with shipping included; installation not included)

Your Name CINDY PARRA Title PROJECT MGR.

Company/Agency SMITHTECH USA

Address 1424 17TH STREET City BICK State CA Zip 93301

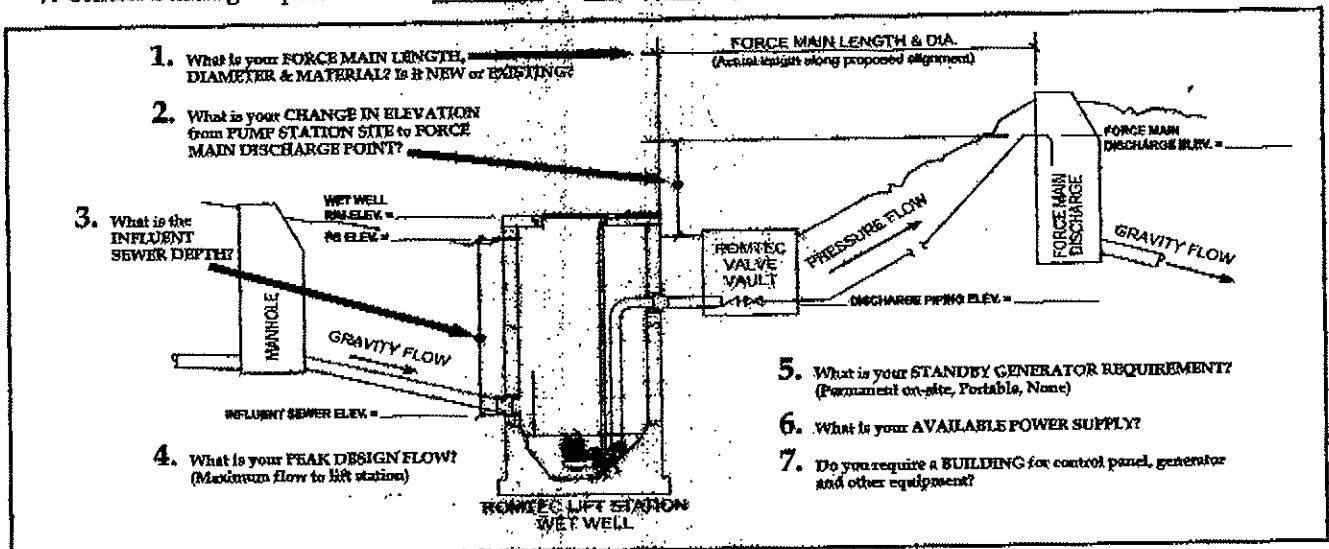
Phone 909-327-5761 Fax _____ Email CINDY

Project Name TR 6453 Project City/Zip BAKERSFIELD

- Project Type (check one): wastewater lift station stormwater lift station
- Project For (check one): private development municipality other _____

Top Slab Hatches to be rated for (check one): full traffic (in streets) occasional traffic pedestrian

1. Force Main Length 52 ft. (Actual length along proposed alignment) Force Main Diameter 6 in. (inside diameter)
Force Main Material (i.e., PVC C-900 class 150, ductile iron, class 52, HDPE DR17, etc.) PVC Force Main is new existing
2. Change in Elevation from Pump Station Site to Discharge Point 5.85 ft. C-900 CLASS 100
3. Influent Sewer Depth 24.53 ft. Influent Sewer is: new existing
4. Peak Design Flow 295.69 g.p.m. (Maximum flow to lift station)
5. Stand-by Generator Requirement: Permanent on-site _____ Portable None _____
6. Available Power Supply: 240V _____ 480V _____ Single-phase 3-phase _____
7. Control Building Requirement: Yes No _____ Can we quote a control building for you? yes no



Fax this form to 541-496-0804
Questions? Call 541-496-3541. Romtec Utilities will work with you to specify and design the right lift station to meet your needs.

Romtec Utilities, Inc.
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541-496-3541 ■ FAX 541-496-0804
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AMECON
2450
17

WEST PARCEL 212 LOTS
 TR 6453 318 LOTS
 TOTAL LOTS 530 LOTS

$$530 \times 2.6 \text{ PERSONS PER HOME} = 1378$$

$$1378 \text{ people} \times 100 \text{ GPD/PERSON} = 137800 \text{ GPD}$$

$$= .137800 \text{ MGD}$$

$$\text{PEAKING FACTOR} = 2.54 \times .1378^{.1} = 3.09$$

$$\text{PEAK DISCHARGE} = 3.09 \times 137800 = 426,734.75$$

$$426,734.75 / 1440 = 296.34$$

530 LOTS

2.6 PER CAPITA

$$530(2.6) = 1,378 \text{ CAPITA}$$

$$1,378 (100 \text{ GPD/PERSON}) = 137,800 \text{ GPD}$$

$$137,800 / 1440 = 95.69 \text{ GPM}$$

3.09 PEAKING FACTOR

$$95.69(3.09) = 295.7 \text{ GPM}$$

USE 297 GPM

