

Henderson, Nevada P-21



View of skid station above and piping in the basement.



Skid support view from the basement.



Motor Control Center.

Project Data:

Project Scope:

Part of the City of Henderson utilities network of pump stations and reservoirs. This station transfers water from a ground storage tank to another ground storage tank at a different gradient level.

- Capacity is 26.3 MGD (18,296 GPM)

Prefabricated, factory-built skid pump station with four (4) pumps with 250 HP, 18 pulse VFDs, with space for a future pump. The suction piping is located within the basement.

Design: Booster Station Design by Engineered Fluid, Inc.

Installed Date: Original 6/25/98; Upgraded 3/20/06

Start-up Date: Original 9/25/98; Upgraded 5/5/06

Participants:

Owner: City of Henderson, Michael Morine, P.E., 702-267-2542

Contractor: Del Webb Communities

Consulting Engineer: Carolo Engineers

EFI Contacts: - Kevin Cates, Regional Sales Manager, 618-367-4758, kcates@engineeredfluid.com; George Wootten, Vice President, 618-533-1351, gwootten@engineeredfluid.com



Pump discharge check valve.



Basement piping gallery suction isolation and pump barrels.