



RAY CLIDE MALWITZ

Born August 11, 1897, Cleveland, Wis. Ogden High School, Ogden, Utah.

"The Relative Cost of Operating Steam and Electric Locomotives for Switching purposes on the St. Paul R. R. Industry Tracks."

B. Φ.; H. K. N.; A. I. E. E.; Junior Marshall; Secretary H. K. N.; Chairman A. I. E. E., 1921; Varsity Baseball, 1916-17.

Ray would have graduated with the class of 1919 if he had not enlisted in the Aviation at the end of his sophomore year. He returned to school after several months' service during which he attained the rank of First Lieutenant. Ray is the type of fellow who easily makes friends which probably has had much to do with his success both in school and in the army. After graduation the firm of Malwitz and Albee are going up in Wisconsin and direct the construction department of the Wisconsin Light and Power Company. We wish them all the success in the world.

JAMES JOSEPH O'ROURKE

Born November 17, 1898, Chicago, Ill. St. Cyril High School.

"Design of a 20,000 K. W. Power Plant."

T. B. II.; H. K. N.; A. I. E. E.; Inter-Class Baseball, 1919.

Jim has always been a general good fellow, always ready for a laugh, whether on his neighbor or on himself, always in trim for work or sport. Jim is frank and honest in his dealings but it takes a mighty clever man to catch him on a "gold brick" proposition. Jim is universally well liked and respected and bids high to become an important man in engineering circles of the future.

