

EXISTING EKLUTNA
CAMPGROUND

IMPROVED AND WIDENED
ROAD FOR CONSTRUCTION
& MAINTENANCE ACCESS

EXISTING
EKLUTNA
DAM

NEW ELECTRICAL
BUILDING
NEW CYLINDER
PUMP STATION

NEW TRAPEZOIDAL
OUTLET CHANNELS

EXISTING POND

CONSTRUCT NEW
EARTHEN EMBANKMENT
WITH CREST ELEVATION
OF 860 FEET.

CONSTRUCT NEW 36"Ø GRAVITY
INTAKE PIPELINE. APPROX. 2,500'
(BEARING & EXACT LENGTH TO BE
DETERMINED VIA BATHYMETRY DATA)







CONSTRUCT NEW
INTAKE CRIB
INVERT EL. 804'

LEGEND	
	EXTENTS OF IMPROVED ROAD (20' WIDTH)
	NEW TRAPEZOIDAL CHANNEL
	NEW EARTHEN EMBANKMENT
	NEW GRAVITY INTAKE PIPELINE
	EXISTING PUBLIC USE CABIN
	NEW PUMP STATION, ELECTRICAL BLDG

FIGURE 1 – PUMP STATION ALTERNATIVE
OVERALL PROJECT VIEW

0 100 500 1000
APPROX. SCALE IN FEET

LEGEND

-  EXTENTS OF IMPROVED ROAD (20' WIDTH)
-  NEW TRAPEZOIDAL CHANNEL
-  NEW EARTHEN EMBANKMENT
-  NEW GRAVITY INTAKE PIPELINE
-  EXISTING PUBLIC USE CABIN
-  NEW PUMP STATION, ELECTRICAL BLDG

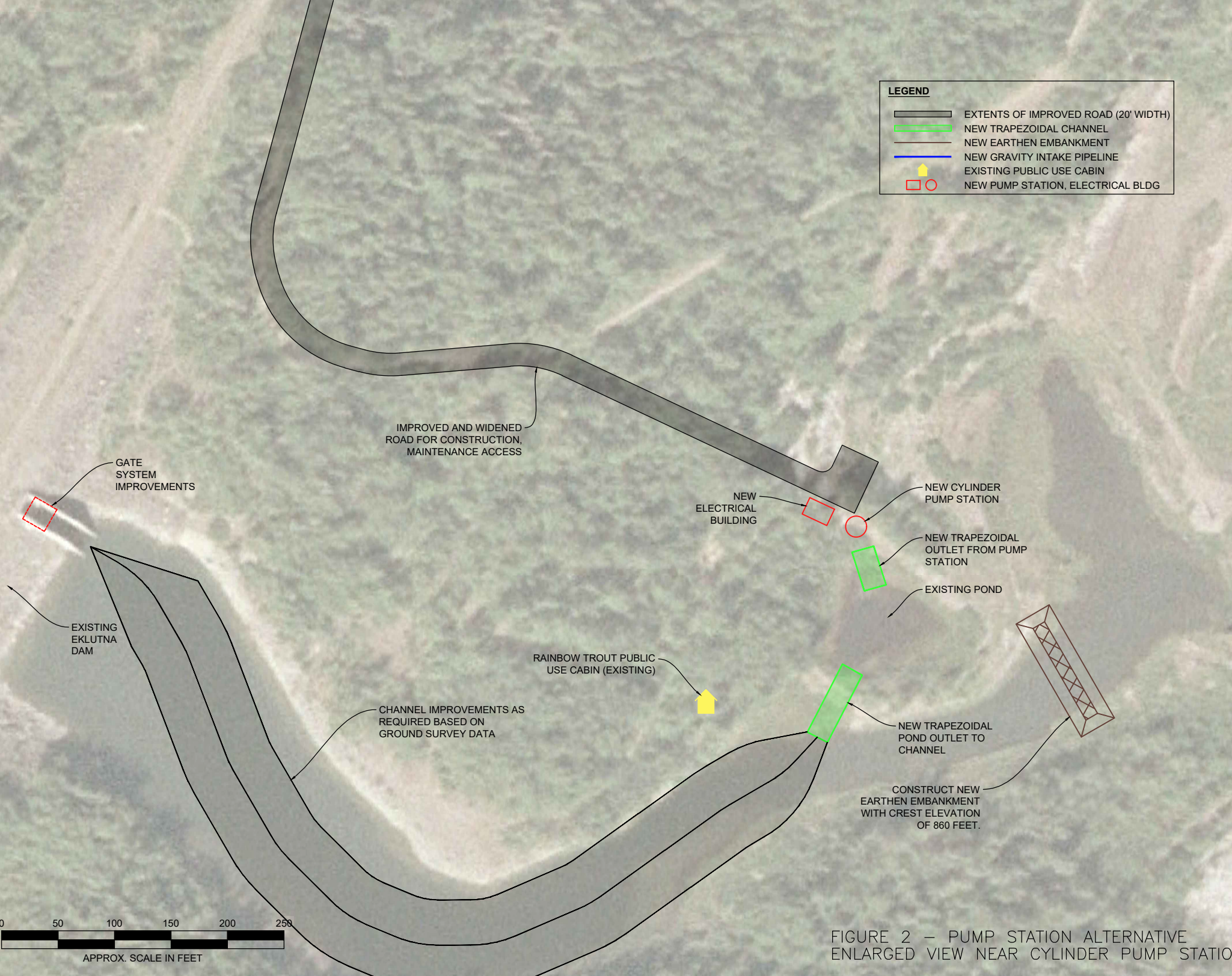


FIGURE 2 – PUMP STATION ALTERNATIVE ENLARGED VIEW NEAR CYLINDER PUMP STATION

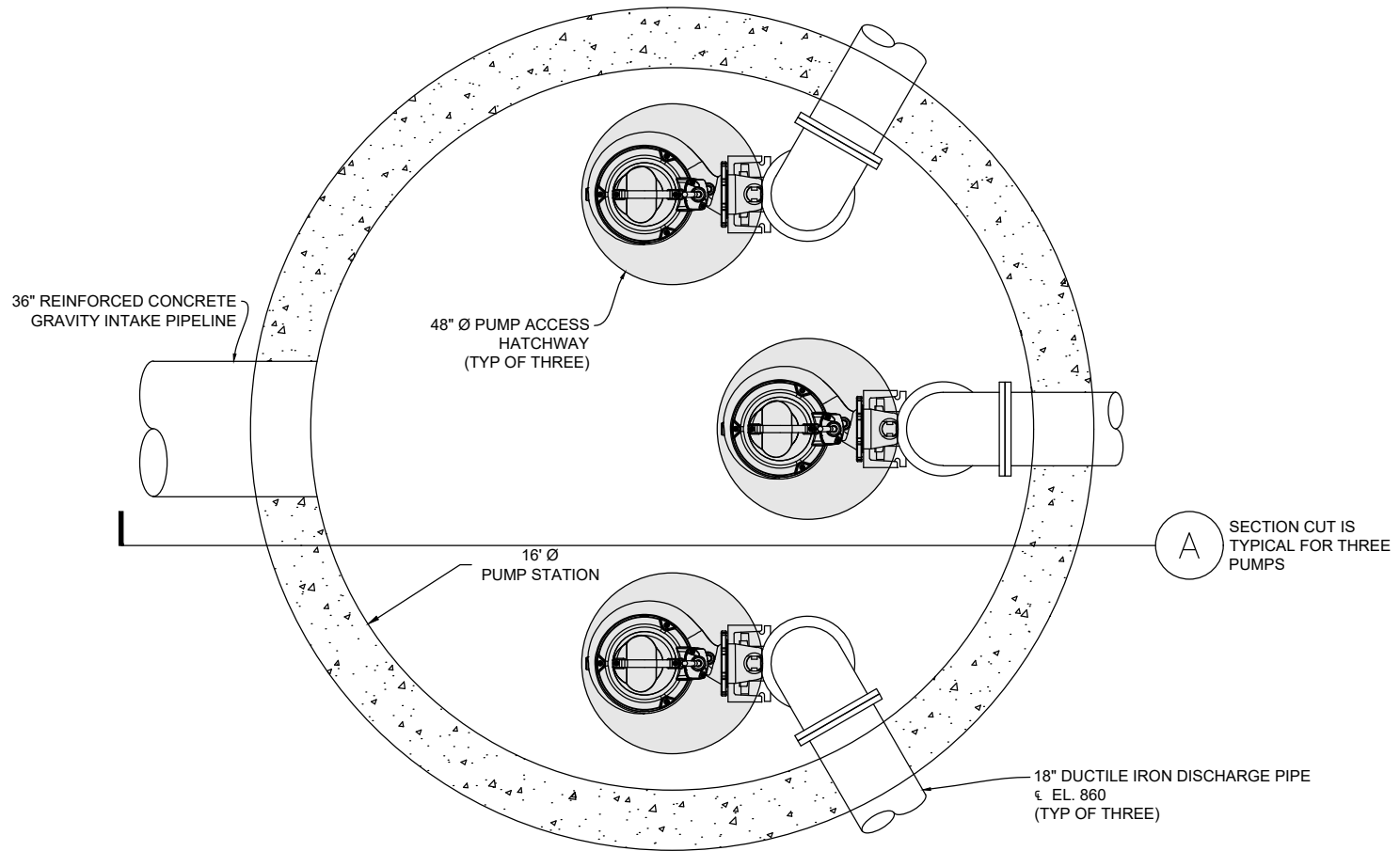


FIGURE 3 – PLAN VIEW OF CYLINDER PUMP STATION

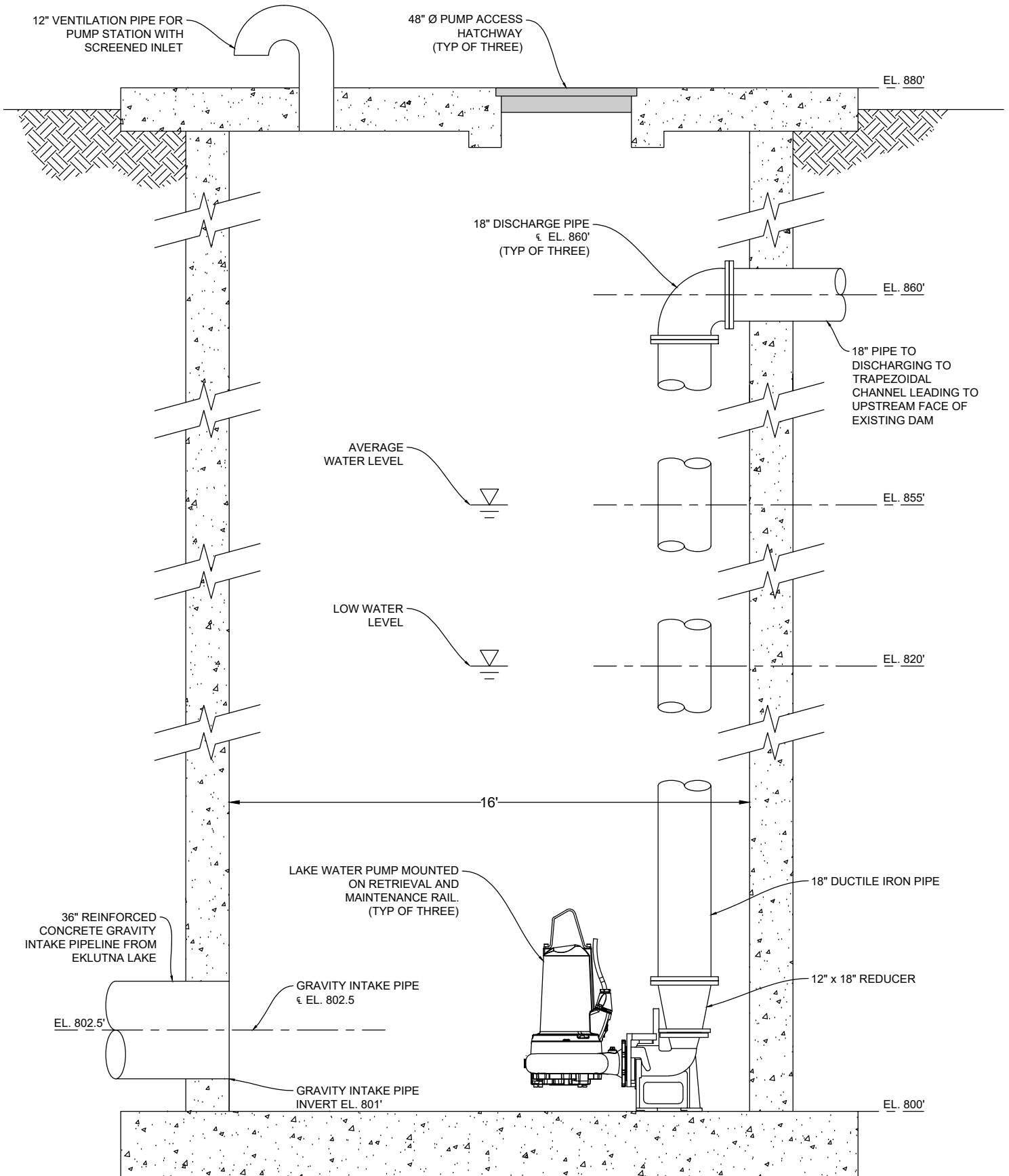


FIGURE 4 – SECTION VIEW OF CYLINDER PUMP STATION

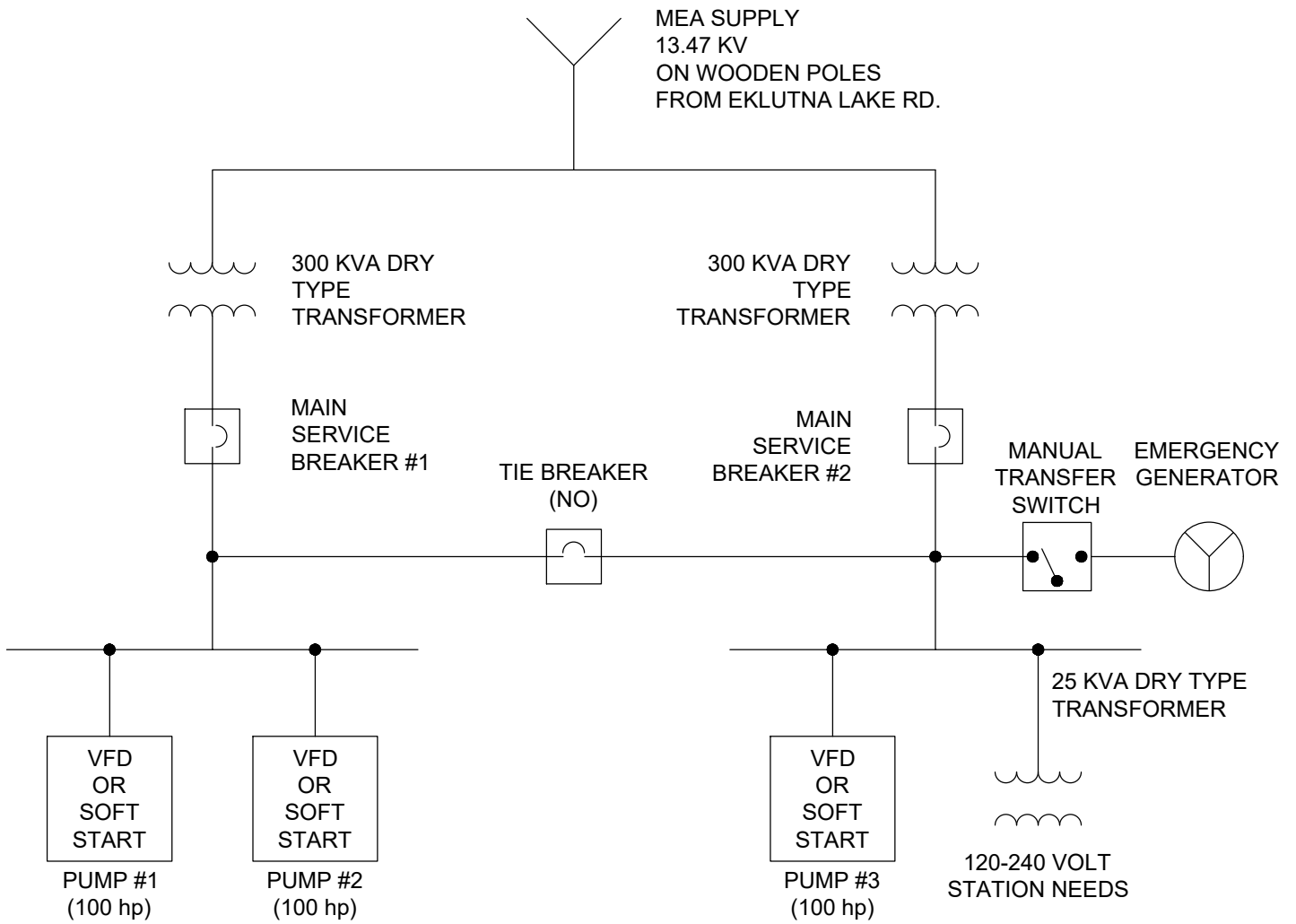


FIGURE 5 – PRELIMINARY ELECTRICAL SINGLE LINE DIAGRAM