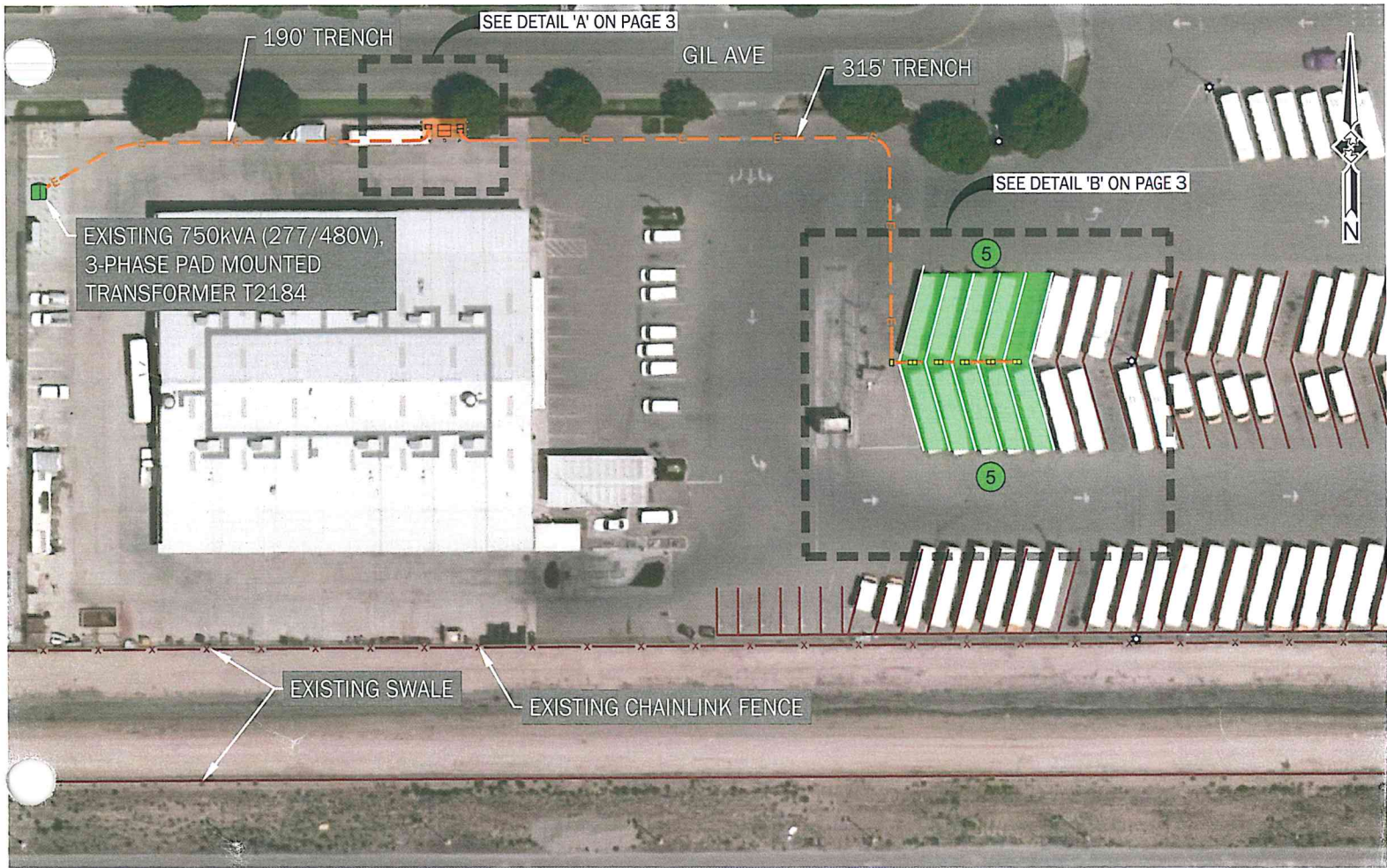


## SITE ASSESSMENT - OVERVIEW

SCALE: 1" = 80'



## PROJECT SUMMARY

THE PROJECT INCLUDES THE LOCATION OF ONE (1) EV STALL GROUPING AREA CONSISTING OF (10) STANDARD FLEET STALLS. THE STALLS ARE LOCATED IN THE NORTH SIDE OF THE PROJECT SITE. THE EV STALLS WILL BE SERVICED FROM A PROPOSED PAD MOUNT TRANSFORMER AS DETAILED IN SITE LAYOUT HEREIN.

1. TOTAL PROPOSED EV STALLS = 10
  - A. STANDARD FLEET STALL = 10
  - B. TOTAL EXISTING STALL REMOVED = 0
2. TOTAL EV CHARGING STATIONS = 10
  - A. SINGLE NOZZLE (PEDESTAL MOUNT) = 10
3. ELECTRICAL EQUIPMENT TO BE INSTALLED:
  - A. INSTALL 400A, 3-PHASE HOCKEY PUCK METER PANEL.
  - B. INSTALL 150kVA, 480V TO 120/20V STEP DOWN TRANSFORMER.
  - C. INSTALL 600A, 208V BREAKER PANEL (FULLY-RATED).
4. TOTAL LENGTH OF TRENCH / CONDUIT
  - A. LENGTH OF TRENCH TO THE METER (TtM)= 190 FT
  - B. LENGTH OF TRENCH BEHIND THE METER (BtM)= 375 FT
5. SITE WORK IMPACTS INCLUDE:
  - A. REMOVAL & REPLACEMENT OF EXISTING CURB, PAVEMENT & LANDSCAPE.
  - B. IMPACTS TO EXISTING UTILITIES TO BE VERIFIED DURING FINAL ENGINEERING.

## LEGEND

- EV STANDARD PARKING STALL
- CLIPPER CREEK CS-100 SINGLE NOZZLE CHARGER DUAL MOUNT PEDESTAL (USED FOR CHARGER CALCULATION PURPOSES)
- PROPOSED ELECTRICAL CONDUIT & TRENCH LINE
- EXISTING TRANSFORMER
- PROPOSED METER PANEL, STEP DOWN TRANSFORMER, & BREAKER PANEL
- PROPOSED BARRIER POST
- PROPOSED PRECAST PULLBOX
- EXISTING LIGHT POST

## SITE CONSTRAINTS

SITE CONSTRAINTS DURING CONSTRUCTION INCLUDE:

1. VEHICLE TRAFFIC WILL BE INTERMITTENTLY CONSTRAINED DURING INSTALLATION OF CONDUIT.
2. ACCESS TO PARKING STALLS ALONG CONDUIT LINE TO BE INTERMITTENTLY INACCESSIBLE DURING CONSTRUCTION.