

City Clerk

From: Andrew I. Heigl <andy.heigl@astreaconnect.com>
Sent: Wednesday, February 14, 2024 2:06 PM
To: City Clerk; Dennis Dombroski
Cc: Astrea Construction
Subject: New Astrea Projects - Greenshed Ln
Attachments: Greenshed - Fiber.jpg; Stoneledge - Coaxial.png; Pad Mount PS Cabinet.jpg; Typical Power Supply.png

Good Afternoon,

I am working on permitting a couple of projects on "The Turtle" for this spring. We were recently awarded these projects and will be scheduling to complete – hopefully right when the frost is out or soon thereafter.

Attached you will find two maps.

Project 1 – New Fiber Extension to Greenshed – Project will consist of placing approximate 1,200' new conduit for fiber optic cable from existing pole near substation following the road (and our existing coaxial cable) along route shown. Will require placing to HDPE vaults (17x30) to use as pull points and for storage for future uses/extension work.

Project 2 – New Coaxial Cable (CATV) extension for the Stoneledge Duplex's – project will consist of running approximately 550' of new conduit/cable from existing pedestal/CATV plant - following the West Side of Forest Dr to service the new duplexes. Will require service pedestals be placed for taps so service drops can be tied into the system. Along with the placement of the conduit/cable, we will need to place a power supply near the existing CATV ped due to the power requirements that will be added with the next extension. I've attached a couple of additional files to show a little more detail of what will be done.

All trenching/excavation for conduit/peds/vaults will be performed by Belonga Excavating**,
Power Supply install & Electrical work will be performed by Northern Power & Electric.
**Belonga would handle their own vehicle permits.

Astrea personnel will pull cables and handle technical work.

Let me know if you need any more information!

Thanks,
Andy

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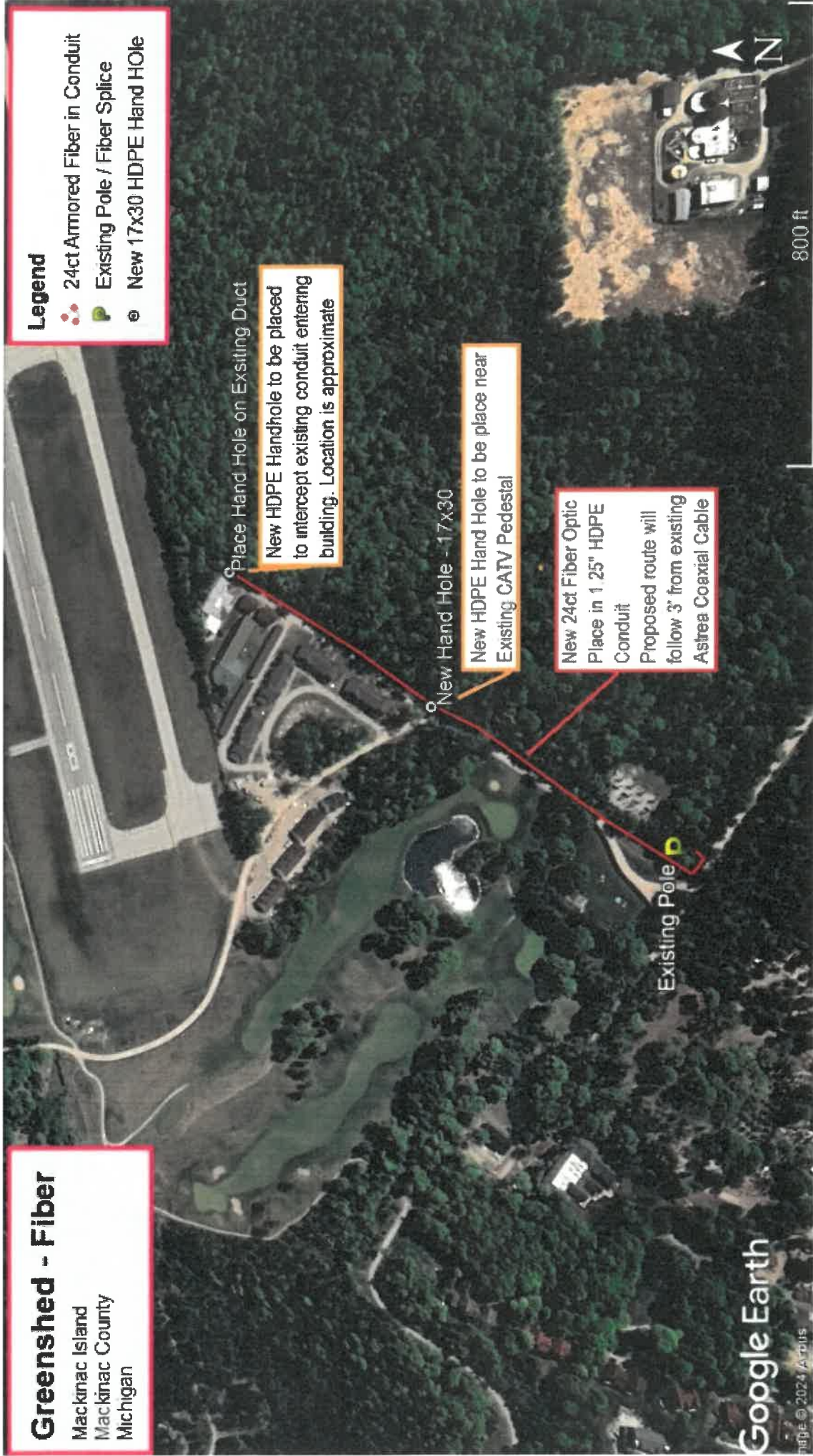
105 Kent Street | Iron Mountain, MI 49801

Greenshed - Fiber

Mackinac Island
Mackinac County
Michigan

Legend

- 24ct Armored Fiber in Conduit
- Existing Pole / Fiber Splice
- New 17x30 HDPE Hand Hole



Google Earth

Image © 2024 Airbus

800 ft

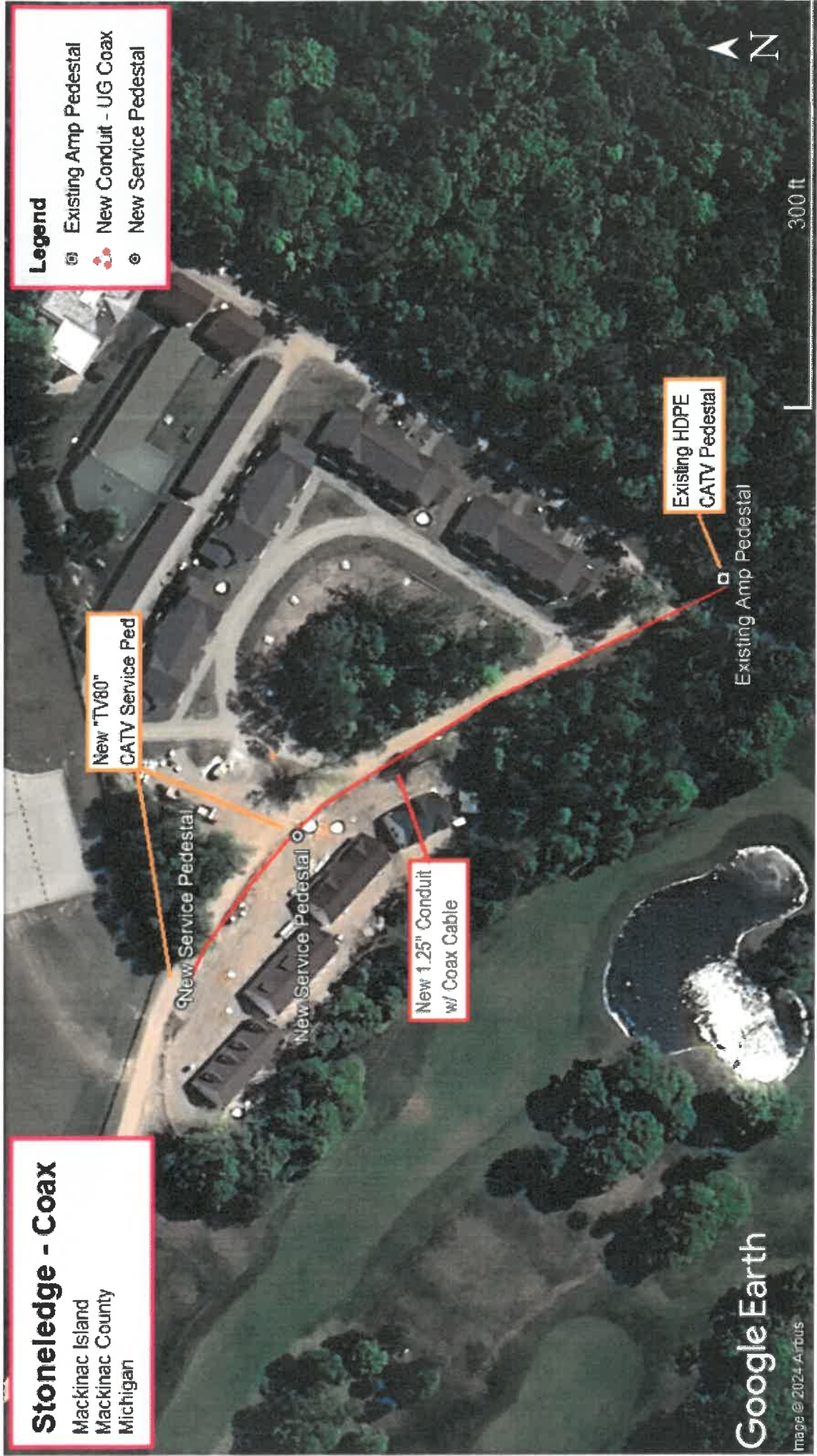


Stoneledge - Coax

Mackinac Island
Mackinac County
Michigan

Legend

- Existing Amp Pedestal
- New Conduit - UG Coax
- New Service Pedestal



Google Earth

Image © 2024 Airbus



300 ft





Meter Base/Power Socket
Typical Install for CATV

Typical CATV Power Supply
Pad Mounted (Plastic base)