District Civil Excavation Service (Pole & Anchor Bid)
ADDENDUM NO. 2

This ADDENDUM NO. 2 consists of 20 pages (1 - 8.5” x 11”). It is the responsibility of the proposer to assure and guarantee that the proposer has received the response in its entirety, and that they accept all conditions contained herein.

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1. **SECTION 00300 BID SCHEDULE:** Page 00300-3 and Page 00300- in the Bid Documents ARE REPLACED in their entirety by the revised BID SCHEDULE included with this Addendum.

2. **LIST OF DRAWINGS:** Ski Slope Civil Work Maps ARE REPLACED in their entirety by the revised Ski Slope Civil Work Maps included with this Addendum.

DISTRICT Civil Excavation Services (Pole & Anchor Holes) – 2026

BID SCHEDULE

BID ITEM	DESCRIPTION	QUANTITIY	UNITS	UNIT PRICE	SUBTOTAL
1	Mobilization/Demobilization	1	LS		
2	Pole Hole Excavation	62	EA		
3	Anchor Hole Excavation and Anchor Install OR Screw Anchor Installation	34	EA		
4	Bulk (Bag ~25CF Base Rock (1/pole hole)	61	EA		
5	Corrugated ADS N-12 30” x 6’8” (1/pole hole)	61	EA		
6	¾” 4’x4’ Plywood Hole Cover (All open holes must be covered when complete)	62	EA		
7	Rock Excavation (See Note 2)	35	EA		
	ANCILLARY ITEMS				
8	Landscape restoration (Must be approved by the District)	5	EA		
9	Driveway Repair (Must be approved by the District)	5	EA		
10	Relocate Secondary Box	5	EA		
11	Relocate Conduit Riser	5	EA		
12	Cut and Kick – Work with Line Crew to place pole in same location. May require vac truck and/or hand digging	15	EA		
				TOTAL:	

Notes:

1. One Time - Mobilization includes job set-up, clean-up, and de-mobilization costs. This item is limited to 5% of the Total Bid in accordance with Section 310, Measurement and Payment.

2. **Rock Excavation Definition (Unit)**

Rock Excavation (≥3' diameter) is defined as the removal and lawful disposal of any individual rock, boulder, or ledge material measuring three feet (3') or greater in any dimension, encountered during excavation activities. Rock Excavation shall be performed by power-operated hammers, rock saws, drilling and blasting, hydro-vac truck, or other appropriate rock excavation methods approved by the District.

Measurement & Payment

(1) Unit of Measure: Payment for Rock Excavation will be made on a per hole basis for each excavation in which rock ≥3' in diameter is encountered and requires removal, as verified by District personnel. Multiple boulders encountered within a single hole shall be considered part of that hole and compensated as one unit.

(2) Unit Price: The Contractor shall be compensated at the agreed unit cost per hole, which shall be full and complete compensation for furnishing all labor, materials, equipment, tools, and incidentals necessary to complete the work.

(3) No Additional Compensation: The Contractor SHALL NOT be entitled to any additional monies of compensation, including but not limited to:

a. Stand-by time for crew members or equipment idled during the performance of rock excavation.

b. Delays or inefficiencies associated with removal and disposal of rock.

3. No Minimum Guarantee: The District does not guarantee the presence of rock ≥3' in diameter. There is no minimum quantity of Rock Excavation.

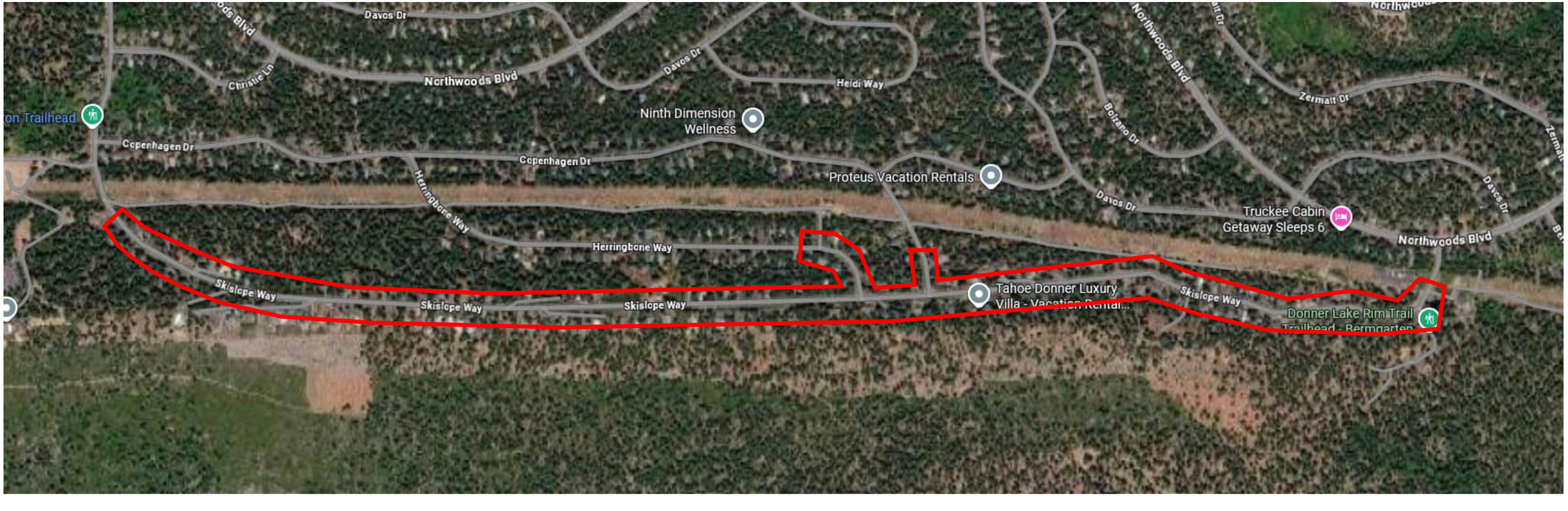
4. Verification: All Rock Excavation shall be coordinated with and approved by District personnel prior to execution. Contractor shall notify the District immediately upon encountering rock ≥3' in diameter. The size, quantity, and location shall be documented by the District for payment purposes.

Northwoods South Wildfire Hardening
Civil Work Scope

Work Summary

Pole Holes - 62
25M Rated Anchors - 11
20M Rated Anchors - 23

Work Location



Pole Setting Requirements

Minimum location pole depth is 7', 30" diameter.

ADS N-12 Dual Wall Pipe
Plain End, 30" Diameter (inner diameter), 20' lengths. 20' length to be cut into 3 equal lengths for pole hole wall shoring.

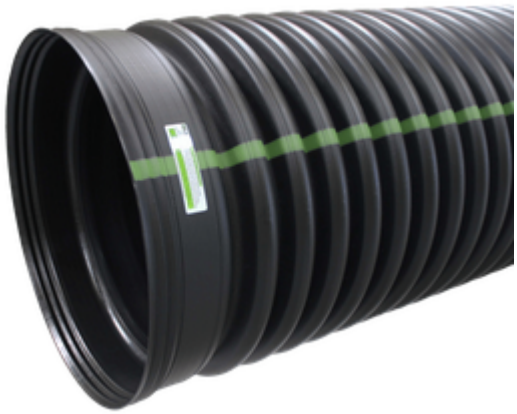
https://www.adspipe.com/pipe/n-12-dual-wall-pipe

Backfill material to be the following, and meet Caltrans Standard Specification "Class 2AB":

1. 1/2" Rock with fines if all other "Class 2AB" requirements are met.
2. 3/4" Rock with fines.

Approximately 25 cubic feet of base rock per pole.

All metal poles are to be set in tube and filled with base rock.
Substitution for ADS N-12 Plain End must be approved by TDPUD prior to purchase.



POWER-INSTALLED SCREW ANCHORS (PISA®)
HOLDING CAPACITY/INSTALLING TORQUES

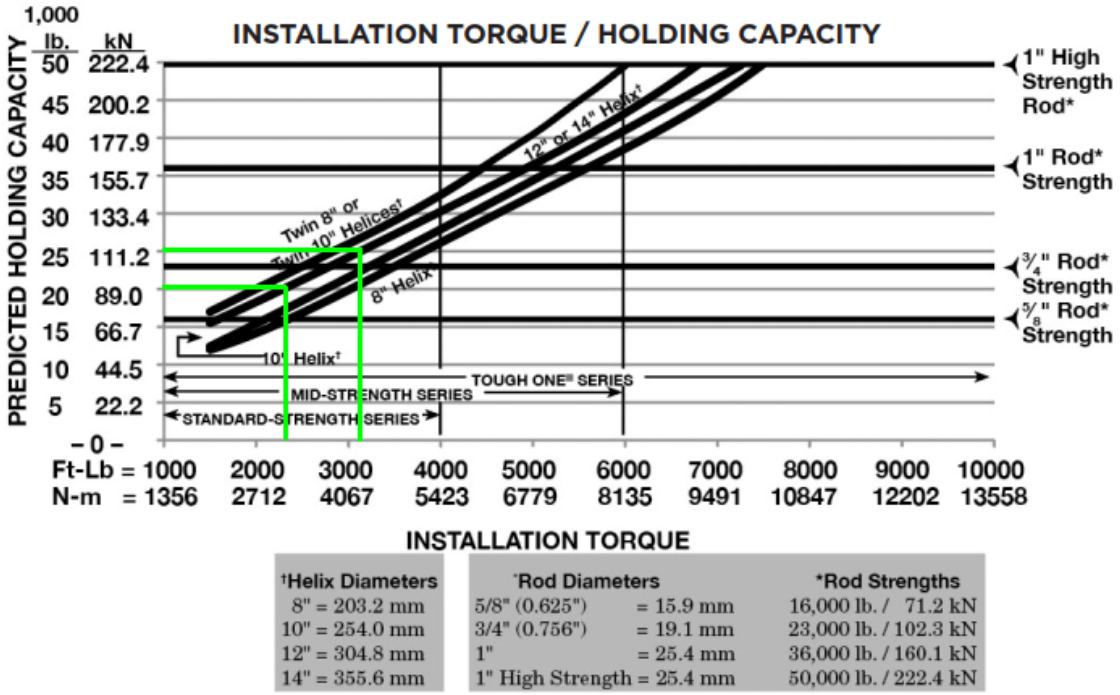
12" Helix stocked anchor:
Hubbell 12" HUBBELL C1025002

Torque must be met to achieve predicted holding capacity.

20M = 20,000 LBS
2,500 Ft–Lbs of torque

25M = 25,000 LBS
3,500 Ft–Lbs of torque

UNDER NO CIRCUMSTANCE SHOULD THE ROD AND GUY STRAND
JOIN AT AN ANGLE OF DEPARTURE EXCEEDING ± 5° ON PISA ANCHORS.



INSTALLATION TORQUE

†Helix Diameters	·Rod Diameters		*Rod Strengths
8" = 203.2 mm	5/8" (0.625")	= 15.9 mm	16,000 lb. / 71.2 kN
10" = 254.0 mm	3/4" (0.756")	= 19.1 mm	23,000 lb. / 102.3 kN
12" = 304.8 mm	1"	= 25.4 mm	36,000 lb. / 160.1 kN
14" = 355.6 mm	1" High Strength	= 25.4 mm	50,000 lb. / 222.4 kN

Predicted ultimate holding capacities are based on results of extensive Chance tests and interpretation and are offered as an application guide only. They do not represent a guarantee of holding capacity in a particular soil class. A user must factor in his individual, appropriate safety factor. Torque values shown are steady values in homogeneous soils, not peak values that might occur in non-homogeneous soil. Torque values shown were obtained by averaging readings from the last 2 feet of anchor penetration. The anchor shaft must be aligned with the guy load to prevent premature failure of the rod. Under no circumstance should the rod and guy strand join at an angle of departure exceeding ± 5° on PISA anchors.

CAUTION: ALL COMPONENTS OF THE CHANCE ANCHORING SYSTEM ARE PERFORMANCE MATED. USE OF OTHER ANCHORING PRODUCTS OR EQUIPMENT WILL NOT NECESSARILY PRODUCE THE SAME RESULTS.

NewStandard.DWG

ELECTRIC DEPARTMENT

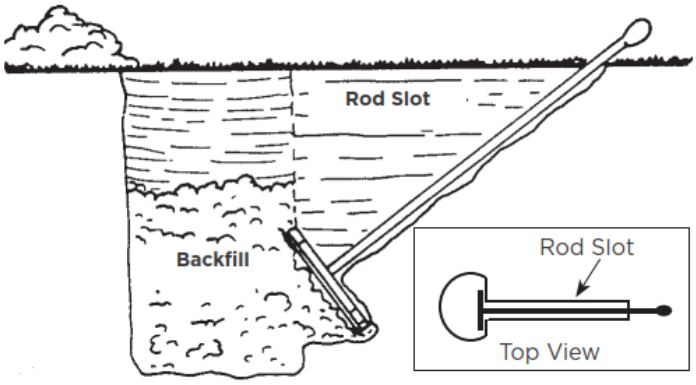
Screw Anchor

Drawn	Design	Approved	Date	Rev	Category	Voltage		SHEET
JM	NV5	SM	03/23/2026	0	Anchors	7.2/15kV		1 of 1

Cross-Plate Anchor

The Cross-Plate anchor is made for installation in holes drilled by power diggers. Because the size of the hole does not affect holding capacity, the hole can be dug by the same auger that is used to dig the pole holes on transmission projects.

Cross-Plate anchors are installed in a diagonal bored hole which is undercut so the anchor is at right angles to the guy. A rod trench is either cut with a trenching tool or drilled with a small power auger. Both anchor and rod trench should be refilled and tamped.



Application and Ordering Information

Catalog Number	Hole Size	Approx. Wt. Each Lbs.(Kg)	Area Sq. In.	Rod Size (order separately)	Holding Capacity‡ - (lbs.) (No Safety Factors Included) vs Soil Class				
					Class 3	Class 4	Class 5	Class 6	Class 7
X16	16"	10.0 (4.5)	150	5/8", 3/4"	26500‡	22500‡	18500‡	14500	9500
X20	20"	15.9 (7.2)	250	5/8", 3/4"	26500‡	22500‡	18500‡	14500	9500
X201	20"	15.5 (7.0)	250	1"	34000‡	29000‡	24000‡	19000‡	14000
X2434*	24"	34.8 (15.8)	400	5/8", 3/4"	34000	29000	24000	19000	14000
X24	24"	34.8 (15.8)	400	1"	45000‡	37000‡	30000‡	23500‡	18000‡
X241	24"	35.0 (15.9)	400	1 1/4"	45000‡	37000‡	30000	23500	18000

Holding capacities are ultimate values. An appropriate factor of safety should be used to determine the allowable or service load. Hubbell Power Systems, Inc. recommends a factor of safety of at least 2 for permanent structures

For Class 3, 4, 5, and 6 soils, the depth required to achieve the holding capacities listed in the table is 5 vertical feet to the center of the plate. For Class 7 soils, the depth required is 7 vertical feet to the center of the plate.

‡ Ultimate strength of rod may limit holding capacity.

** RUS Listed.*

Note: Capacity ratings apply to properly installed anchors only.

Failure to install within 5° of alignment with the guy load will significantly lower strength.

Available Plate Anchor

Plate Anchor Installation Standard – Rated for 25M applications.

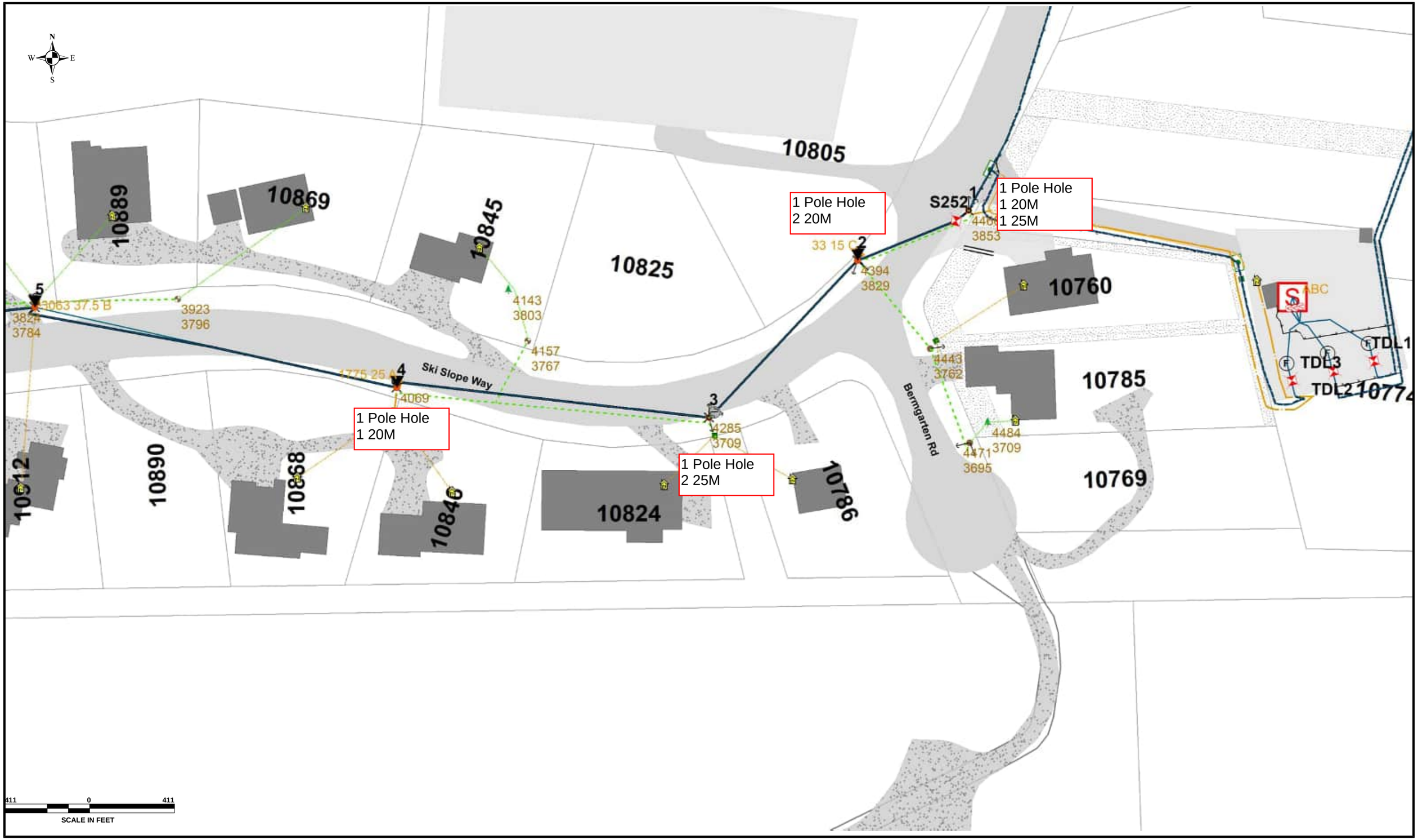
Anchor stocked is X241

ELECTRIC DEPARTMENT

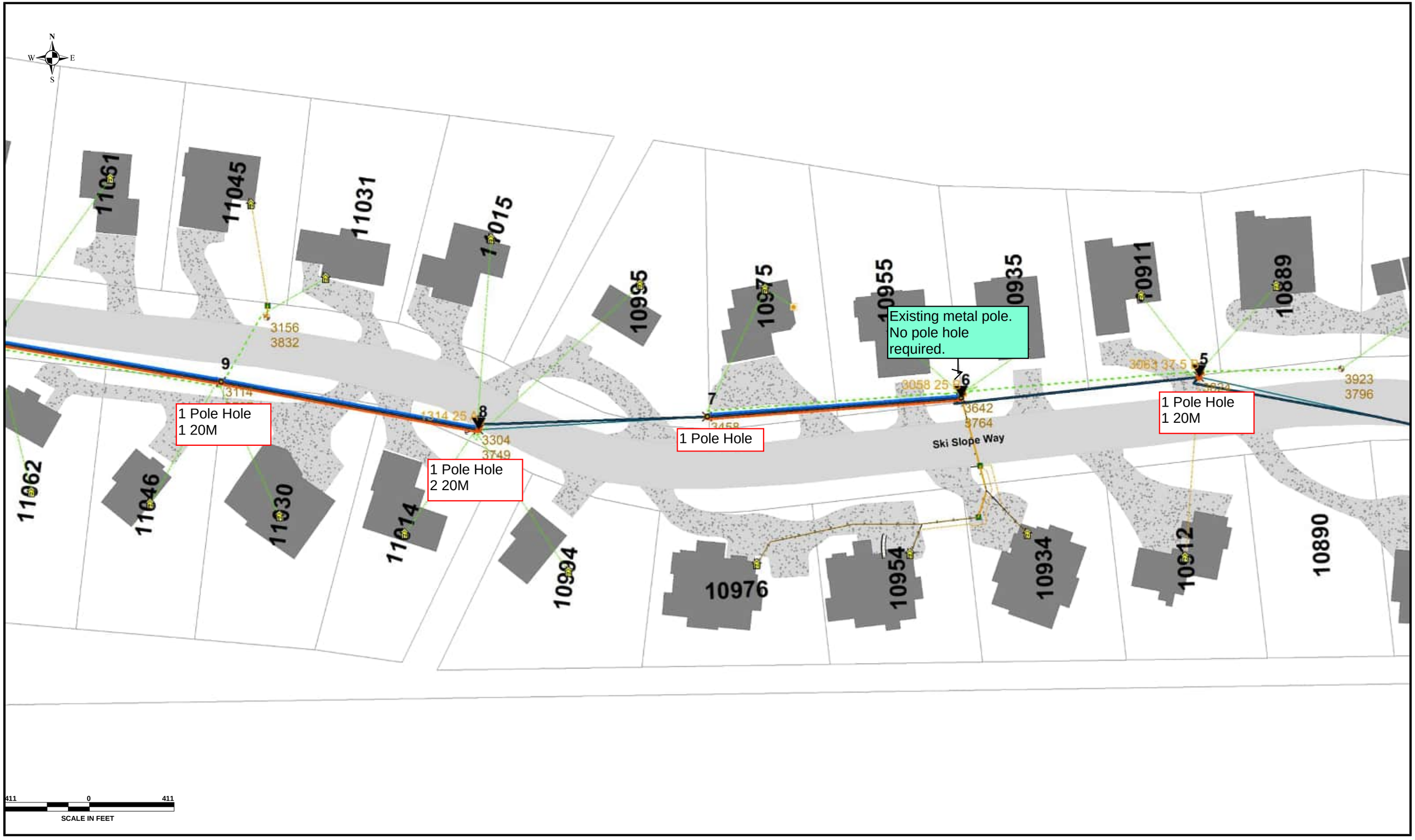
Plate Anchor

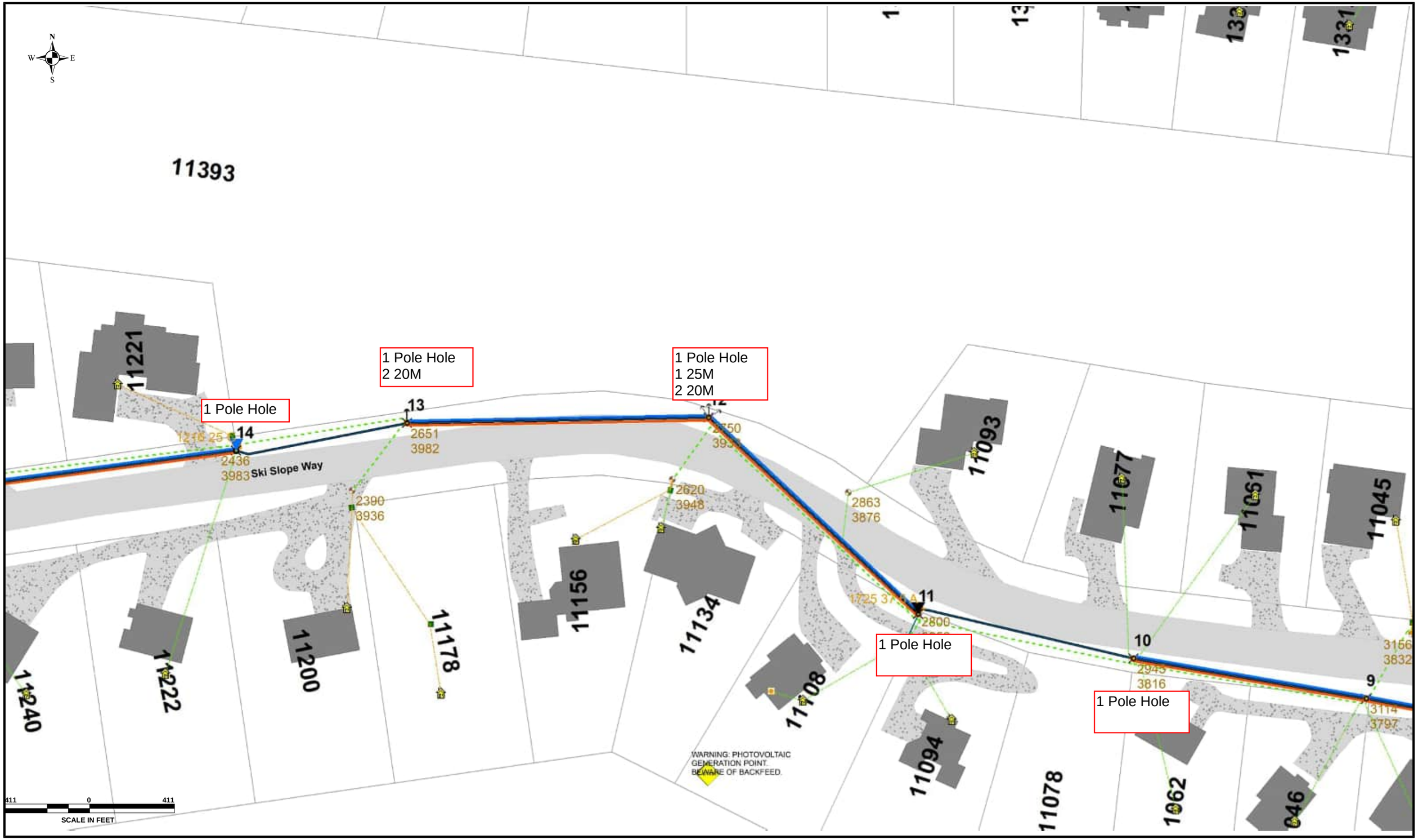
Drawn	Design	Approved	Date	Rev	Category	Voltage		SHEET
JM	NV5	SM	03/23/2026	0	Anchors	7.2/15kV		1 of 1

Name: TDPUD **Print Area:** Print Area 1 **Map Loc:** **Work Order:** 2664679



smcm **Loan Project:** 600 **Staked By:** 0 **Description:** NW REBUILD/HARDENING-TD3 SKISLOPE

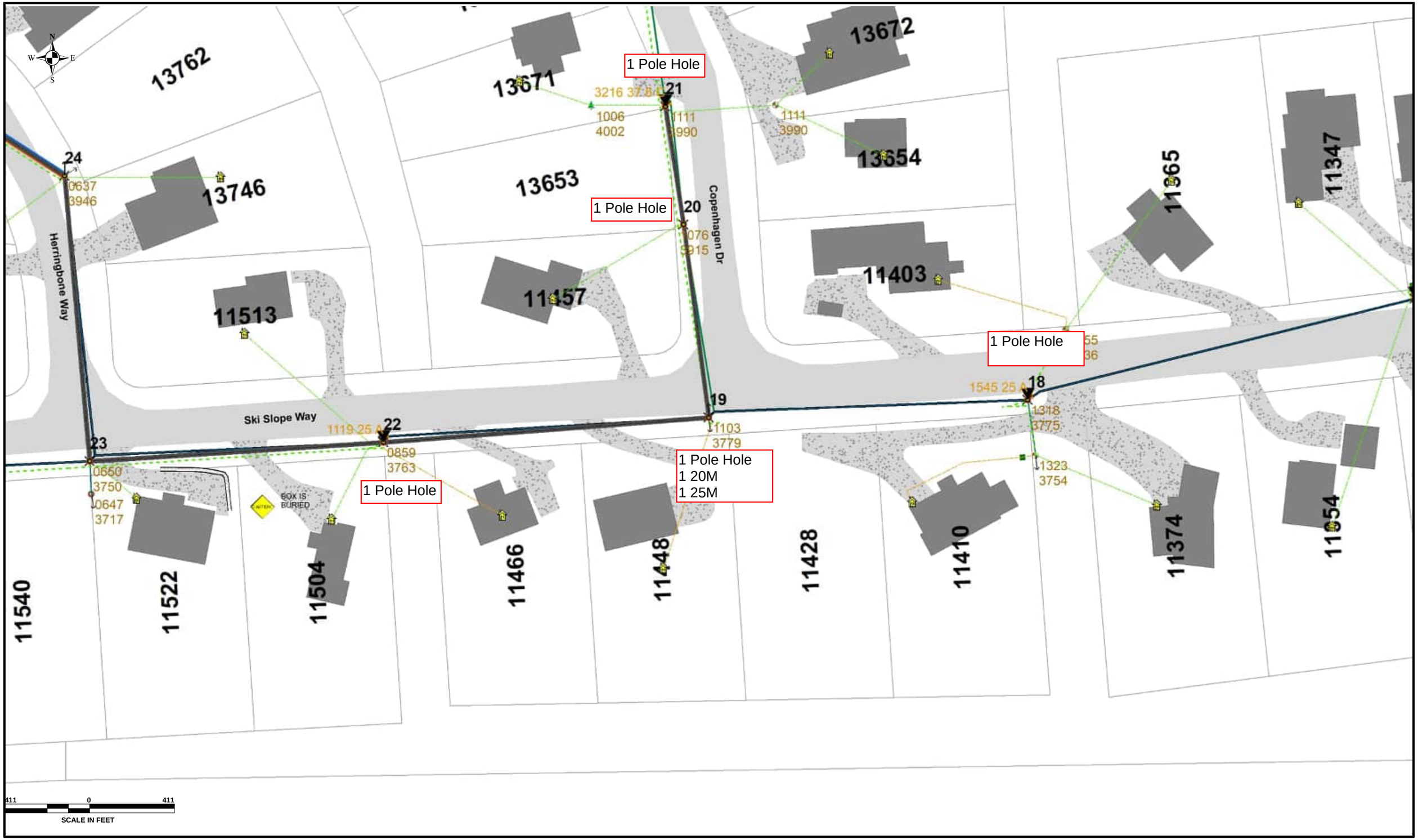

N
W
E
S
11061
11045
11031
11015
10995
10975
10955
10935
10911
10889
11062
11046
11030
11014
10994
10976
10954
10934
10912
10890
3156
3832
9
3114
1 Pole Hole
1 20M
8
3304
3749
1 Pole Hole
2 20M
7
1 Pole Hole
Existing metal pole.
No pole hole
required.
6
3642
3764
Ski Slope Way
5
3923
3796
1 Pole Hole
1 20M
411
0
411
SCALE IN FEET


N
W
E
S
11393
11221
1 Pole Hole
1 Pole Hole
2 20M
1 Pole Hole
1 25M
2 20M
14
13
12
11
10
9
2436
3983
2651
3982
2390
3936
2620
3948
2863
3876
2800
2945
3816
3156
3832
3114
3797
Ski Slope Way
11240
11222
11200
11178
11156
11134
11108
11094
11078
11093
11077
11061
11045
1062
WARNING: PHOTOVOLTAIC GENERATION POINT. BEWARE OF BACKFEED.
411
0
411
SCALE IN FEET

Name: TDPUD **Print Area:** Print Area 4 **Map Loc:** **Work Order:** 2664679

smcm **Loan Project:** 600 **Staked By:** 0 **Description:** NW REBUILD/HARDENING-TD3 SKISLOPE

Name: TDPUD **Print Area:** Print Area 5 **Map Loc:** **Work Order:** 2664679



smcm **Loan Project:** 600 **Staked By:** 0 **Description:** NW REBUILD/HARDENING-TD3 SKISLOPE

Rev 1
Removed: (1) 20M Anchor

1 Pole Hole
2 20M

1 Pole Hole

1 Pole Hole
2 20M
1 25M

1 Pole Hole
1 20M

1 Pole Hole

1 Pole Hole

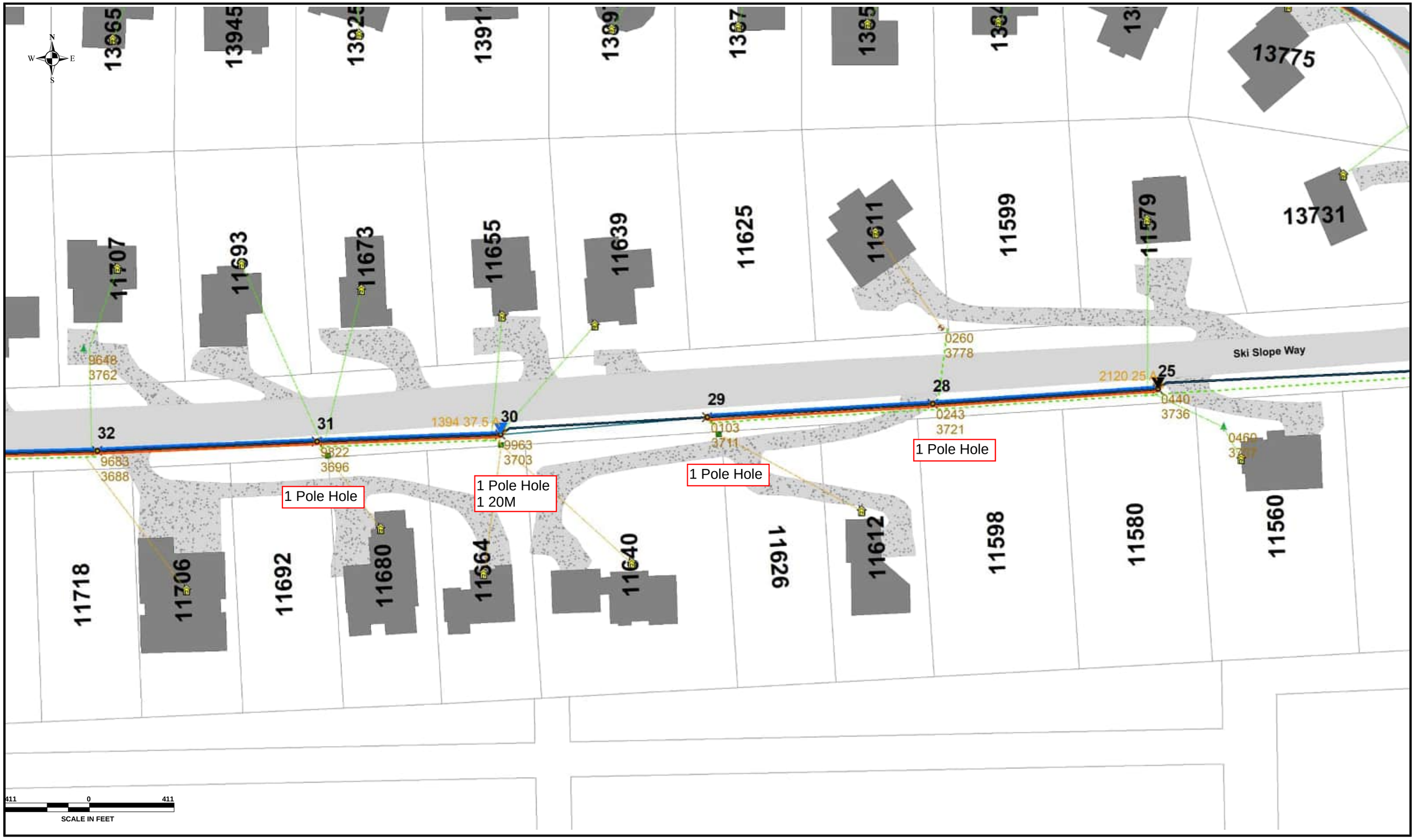
Herringbone Way

Ski Slope Way

BOX IS BURIED

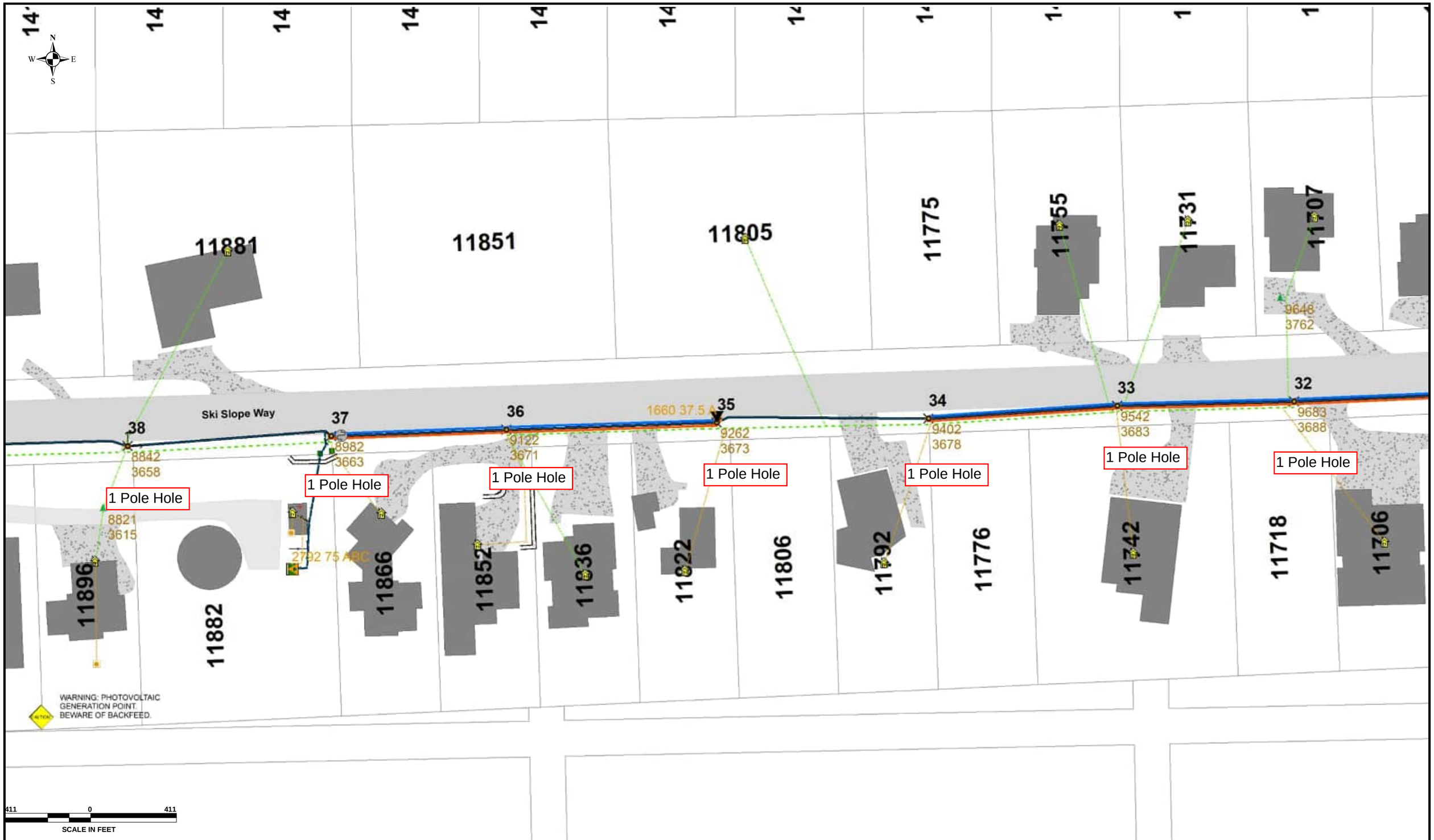
SCALE IN FEET

Name: TDPUD **Print Area:** Print Area 7 **Map Loc:** **Work Order:** 2664679

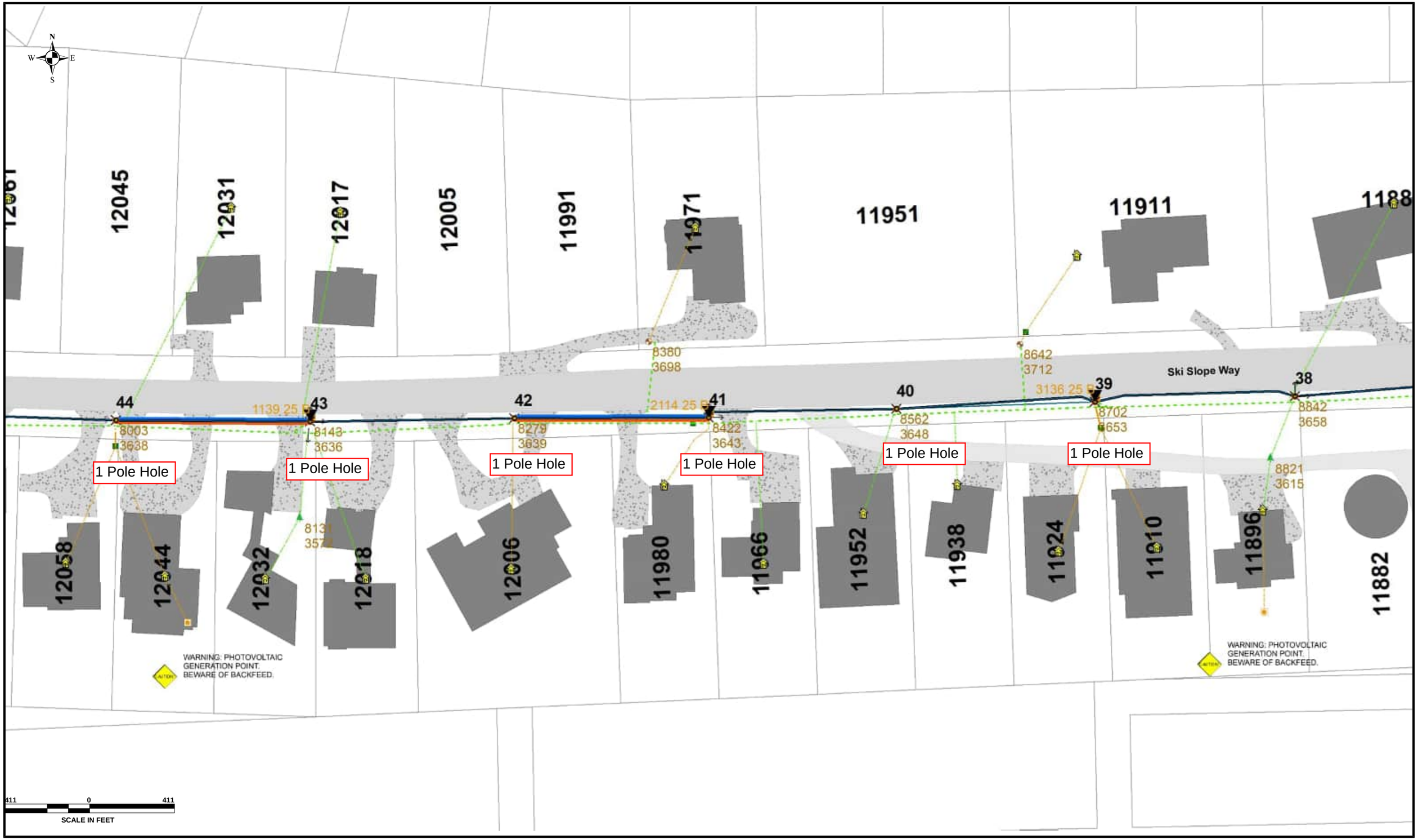


smcm **Loan Project:** 600 **Staked By:** 0 **Description:** NW REBUILD/HARDENING-TD3 SKISLOPE

Name: TDPUD **Print Area:** Print Area 8 **Map Loc:** **Work Order:** 2664679



Name: TDPUD **Print Area:** Print Area 9 **Map Loc:** **Work Order:** 2664679



Name: TDPUD **Print Area:** Print Area 10 **Map Loc:** **Work Order:** 2664679

smcm **Loan Project:** 600 **Staked By:** 0 **Description:** NW REBUILD/HARDENING-TD3 SKISLOPE

Rev 1
Removed: (1) 20M Anchor

Rev 1
Removed: (1) 20M Anchor

1 Pole Hole

1 Pole Hole

1 Pole Hole
1 20M

1 Pole Hole

1 Pole Hole

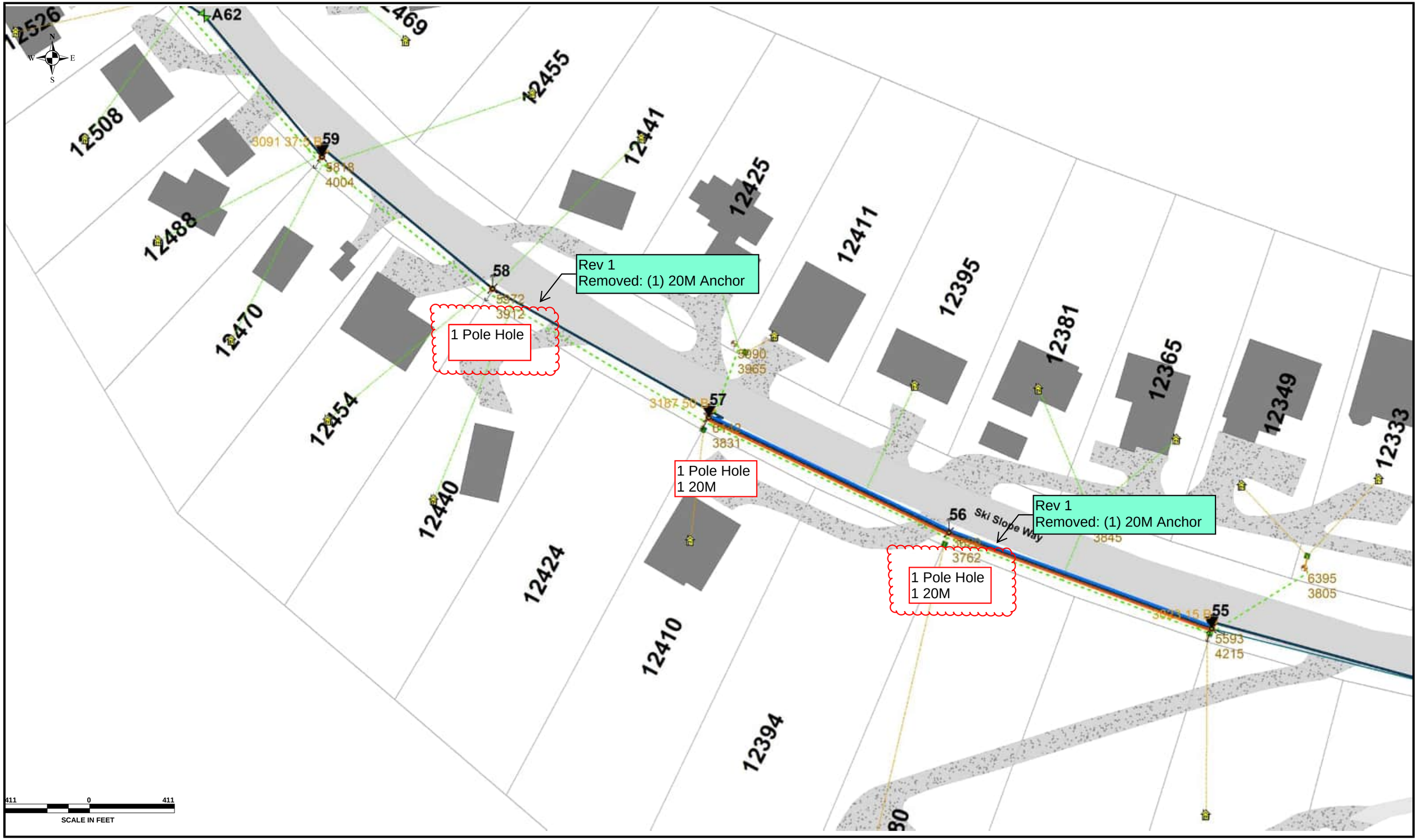
Ski Slope Way

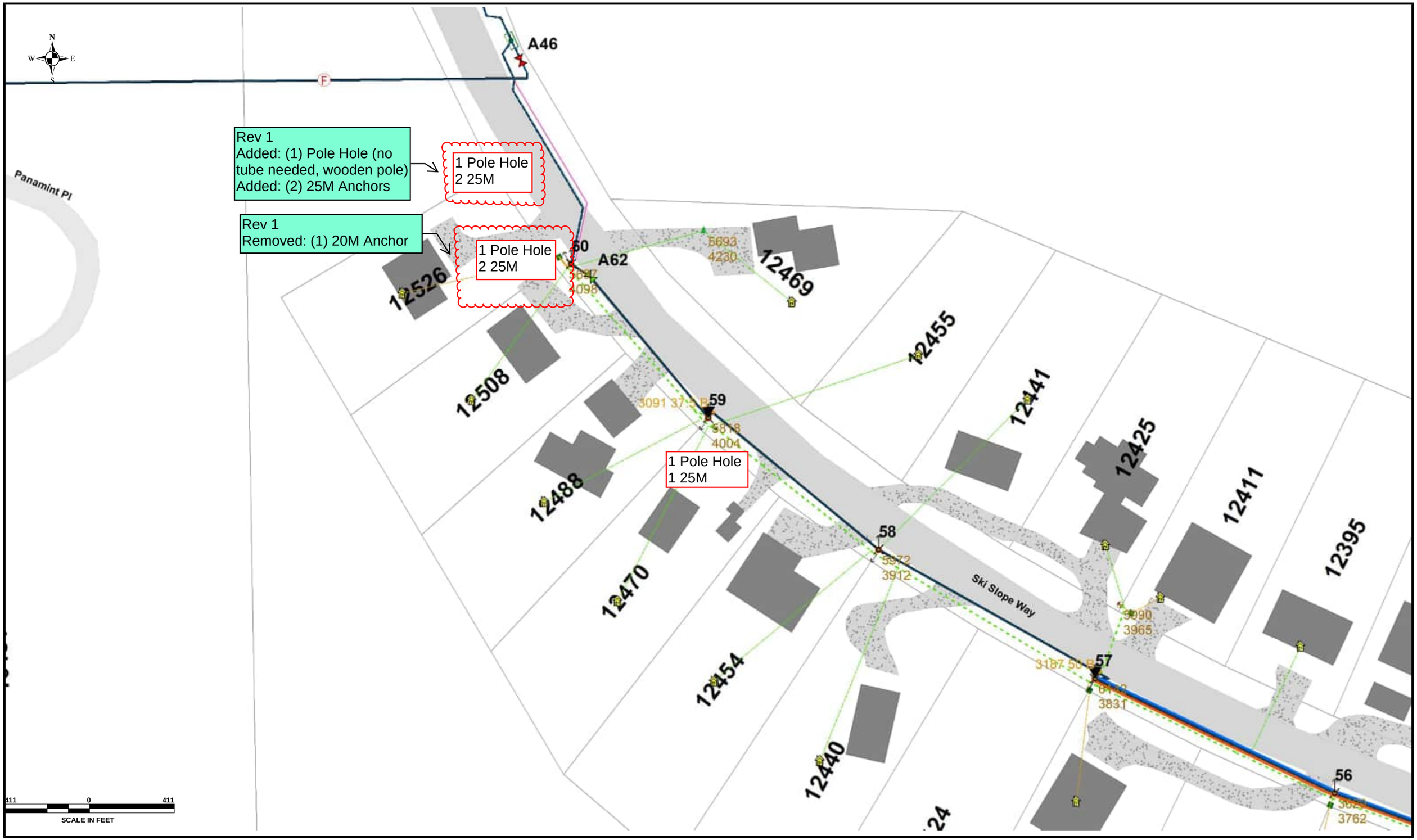
55 54 53 61 52 51 50

6242 3845 5593 4215 6531 3731 6518 3636 6617 3630 6744 3726 6740 3648 6883 3672 7023 3668 7163 3664

12365 12349 12333 12315 12225 12211 12197 12348 12332 12314 12288 12276 12264 12252 12240 12226 12212 12198

411 0 411
SCALE IN FEET


A62
12526
12508
12469
12455
12441
12425
12411
12395
12381
12365
12349
12333
12488
12470
12454
12440
12424
12410
12394
59
58
57
56
55
Ski Slope Way
Rev 1
Removed: (1) 20M Anchor
1 Pole Hole
1 Pole Hole
1 20M
Rev 1
Removed: (1) 20M Anchor
1 Pole Hole
1 20M
5878
4004
5972
3912
3990
3965
3831
3845
3762
6395
3805
5593
4215
411
0
411
SCALE IN FEET


N
W
E
S
A46
F
Rev 1
Added: (1) Pole Hole (no tube needed, wooden pole)
Added: (2) 25M Anchors
1 Pole Hole
2 25M
Rev 1
Removed: (1) 20M Anchor
1 Pole Hole
2 25M
1 Pole Hole
1 25M
Panamint Pl
A62
60
59
58
57
56
5693
4230
3091
3878
4004
3372
3912
3990
3965
3831
3762
12526
12469
12508
12455
12488
12441
12425
12470
12411
12454
12395
12440
Ski Slope Way
411
0
411
SCALE IN FEET