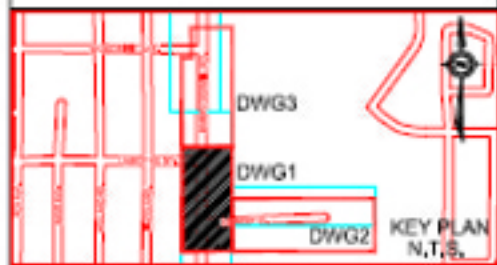
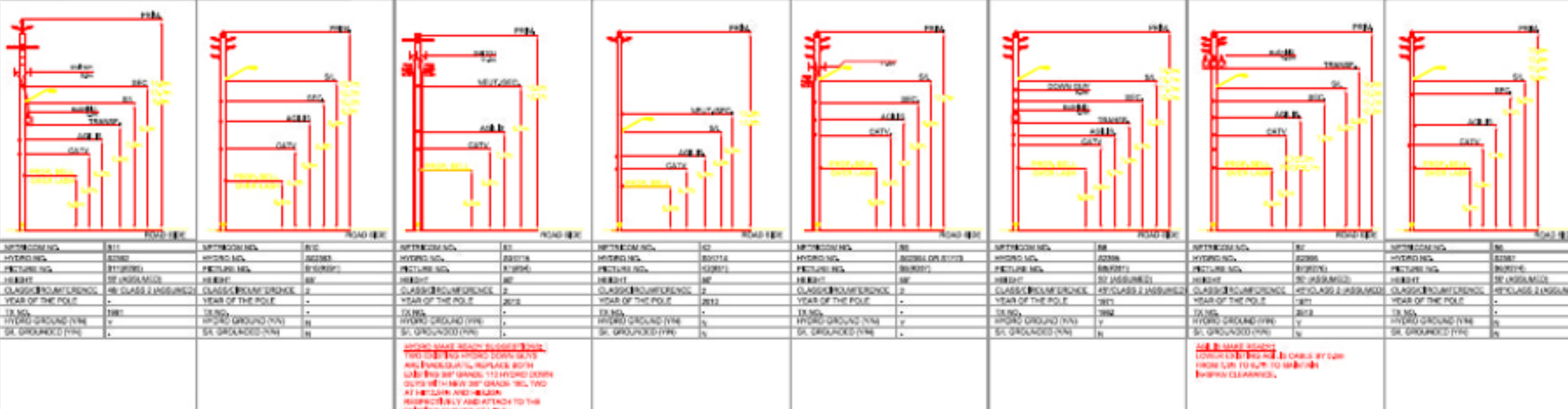
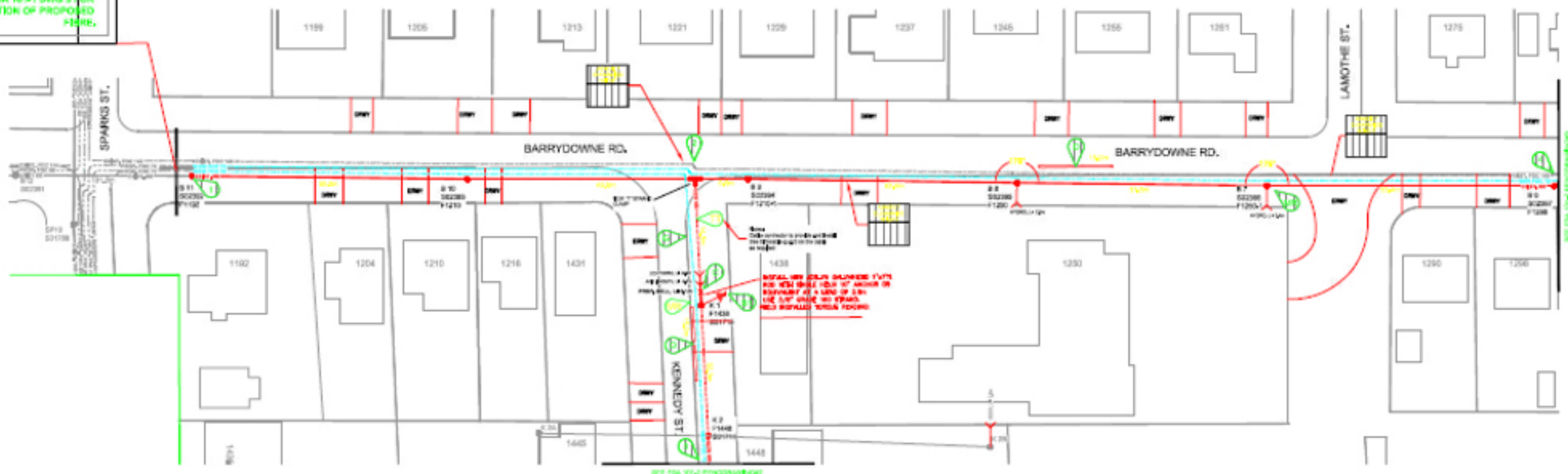


POLE PROFILES



PLAN VIEW - SCALE 1:500

REFERS TO PERMIT NUMBER  
FBA 101-1 DWG 3 FOR  
CONTRIBUTION OF PROPOSED  
FIBRE.



CALCULATIONS

**CABLE TENSION TABLES**

**CONDUCTOR DATA**

CONDUCTOR	AREA	WEIGHT	STRENGTH	MODULUS	COEFF. OF EXP.	TEMP. COEFF.
30/30	12.5	1.8	1000	1.8	0.000012	0.000001
30/30	12.5	1.8	1000	1.8	0.000012	0.000001

**6M STRAND STRINGING TENSION (N) AND TEMPERATURE**

Temp (°C)	7,170	8,750	9,330	5,930	5,510	5,090	4,670	4,250	3,830
-40C									
-30C									
-20C									
-10C									
0C									
10C									
20C									
30C									
40C									

**6M SLACK TENSION**

Temp (°C)	3030	3031	3425	3042	3713	3427	3321	3239	3054	3215
-40C										
-30C										
-20C										
-10C										
0C										
10C										
20C										
30C										
40C										

**SYSTEM VOLTAGE:**  
44 kV/12.47kV ON BARRYDOWNE RD.  
12.47kV ON KENNEDY ST.

**SCOPE OF WORK**

- NEW POC TO OVERLASH
- NEW POC TO LASH
- NEW GROUND LOCATIONS
- NEW BELL ANCHORS
- NEW BELL DOWN GUYS
- NEW BELL STAYS
- NEW COPPER SPLICER LOCATIONS
- NEW BELL SPLICER LOCATIONS
- NEW SPLICER LOCATIONS
- NEW 6M STRAND
- NEW SPARK GUY
- NEW LOOPBACK
- NEW POLES (TO BE ORDERED AND APPROVED BY A LTR PANEL)

**CONSTRUCTION NOTES**

- OVERLASH NEW 24/3 POC TO EXIST. 14" BARE AND 6M STRAND.
- LASH NEW POC TO NEW 6M STRAND.
- OVERLASH NEW POC TO EXIST. 14" BARE AND 6M STRAND.
- NEW COPPER SPLICER
- EXISTING COPPER SPLICER
- NEW BELL SPACE
- EXISTING BELL SPACE
- METAL NEW GROUND ROD AND ANCHOR
- BOND STRAND TO EXISTING BOND STRAND TO METAL ANCHOR
- STRAND TO STRAND BOARD
- METAL NEW ANCHOR
- NEW LOOPBACK
- NEW SPLICER LOCATION
- NEW SPARK GUY
- METAL CABLE TO EXISTING GP
- NEW GP
- SLACK SPAN
- TAKE TENSION REQUIRED
- METAL DOWN GUY ON EXISTING ANCHOR
- REMOVE EXISTING DOWN GUY
- REPLACE DOWN GUY ON EXISTING ANCHOR

**AS CONSTRUCTED BY THE ENGINEER'S INSPECTOR\***

DATE: \_\_\_\_\_  
PROJECT NAME: \_\_\_\_\_  
POSITION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

**AS CONSTRUCTED BY THE CONTRACTOR**

DATE: \_\_\_\_\_  
PROJECT NAME: \_\_\_\_\_  
POSITION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

**APPROVED FOR INSTALLATION**

DATE: \_\_\_\_\_  
PROJECT NAME: \_\_\_\_\_  
POSITION: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

**KENNEDY ST. & BARRYDOWNE RD.**

NO. \_\_\_\_\_  
EA \_\_\_\_\_  
DATE: APRIL 02, 2012  
PROJECT NO. 3139564  
SCALE: 101:2  
DRAWN BY: EMERALD  
CHECKED BY: \_\_\_\_\_