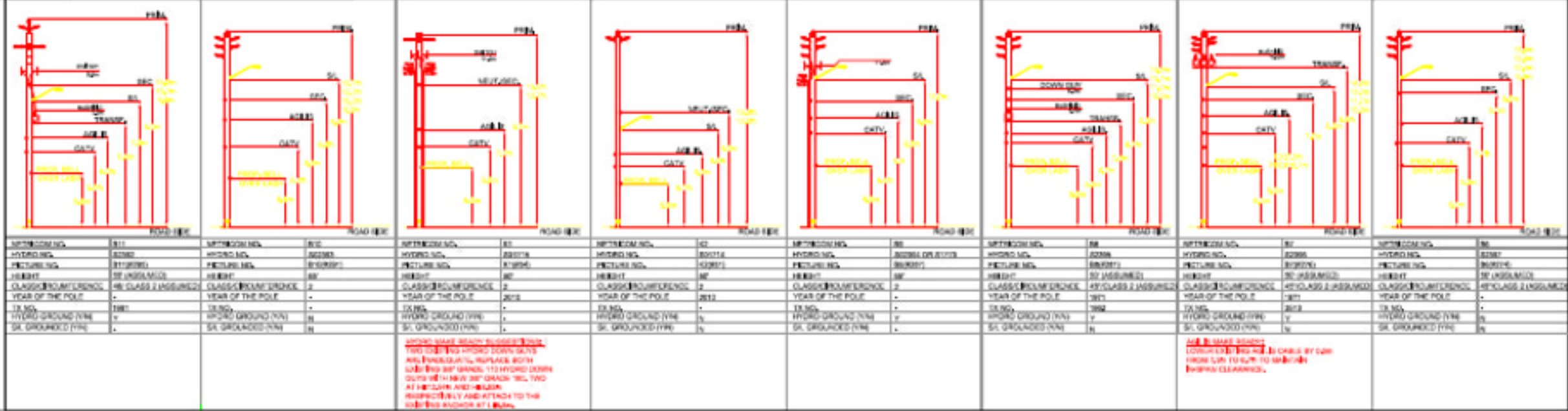


POLE PROFILES



SECTION NO.	CLASS	YEAR	SECTION NO.	CLASS	YEAR	SECTION NO.	CLASS	YEAR	SECTION NO.	CLASS	YEAR	SECTION NO.	CLASS	YEAR	SECTION NO.	CLASS	YEAR	SECTION NO.	CLASS	YEAR																					
8001	10	2011	8002	10	2011	8003	10	2011	8004	10	2011	8005	10	2011	8006	10	2011	8007	10	2011	8008	10	2011	8009	10	2011	8010	10	2011	8011	10	2011	8012	10	2011	8013	10	2011	8014	10	2011

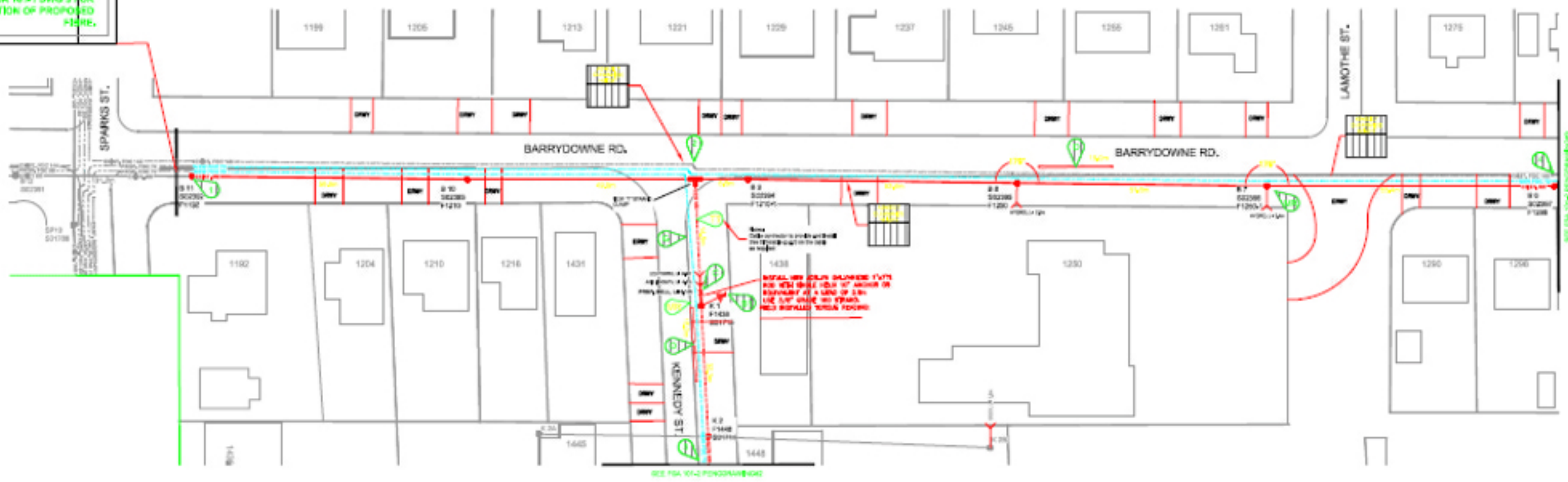


LEGEND

NEW AERIAL FIBRE OPTIC CABLE	
NEW AERIAL COPPER CABLE	
NEW BUNDLED FIBRE OPTIC CABLE	
NEW BUNDLED COPPER CABLE	
EXISTING AERIAL FIBRE OPTIC CABLE	
EXISTING AERIAL COPPER CABLE	
NEW STRAND	
EXISTING STRAND	
EXISTING AERIAL CABLE, STRAND AND ASSOCIATED HARDWARE TO BE REMOVED	
NEW LOOPBACK	
EXISTING LOOPBACK	
NEW SPIN	
EXISTING SPIN	
CROSSOVER CLAMP	
CONCRETE POLE	
WOOD POLE	
POLE TO BE REMOVED	
CABLE COIL	
NEW DOWN GUY AND ANCHOR	
REMOVE EXISTING DOWN GUY AND ANCHOR	
METAL NEW DOWN GUY OR RIGHTING ANCHOR	
REMOVE EXISTING DOWN GUY	
REMOVE EXISTING DOWN GUY AND ANCHOR	
REPLACE DOWN GUY ON EXISTING ANCHOR	
TRANSFORMER	
OFF LOCATION	
GROUND	

PLAN VIEW - SCALE 1:500

REFERS TO PERMIT NUMBER
FBA 10*1 DWG 3 FOR
CONSTRUCTION OF PROPOSED
LINE.



EXTERNAL

- NEW AERIAL FIBRE OPTIC CABLE
- NEW AERIAL COPPER CABLE
- NEW BUNDLED FIBRE OPTIC CABLE
- NEW BUNDLED COPPER CABLE
- EXISTING AERIAL FIBRE OPTIC CABLE
- EXISTING AERIAL COPPER CABLE
- NEW STRAND
- EXISTING STRAND
- EXISTING AERIAL CABLE, STRAND AND ASSOCIATED HARDWARE TO BE REMOVED
- NEW LOOPBACK
- EXISTING LOOPBACK
- NEW SPIN
- EXISTING SPIN
- CROSSOVER CLAMP
- CONCRETE POLE
- WOOD POLE
- POLE TO BE REMOVED
- CABLE COIL
- NEW DOWN GUY AND ANCHOR
- REMOVE EXISTING DOWN GUY AND ANCHOR
- METAL NEW DOWN GUY OR RIGHTING ANCHOR
- REMOVE EXISTING DOWN GUY
- REMOVE EXISTING DOWN GUY AND ANCHOR
- REPLACE DOWN GUY ON EXISTING ANCHOR
- TRANSFORMER
- OFF LOCATION
- GROUND

CALCULATIONS

CONDUCTOR TENSILE STRENGTHS											
CONDUCTOR	CONDUCTOR CLASSIFICATION	CONDUCTOR TYPE	CONDUCTOR SIZE	CONDUCTOR WEIGHT (LB/1000 FT)	CONDUCTOR TENSILE STRENGTH (LB)	CONDUCTOR TENSILE STRENGTH (KN)	CONDUCTOR TENSILE STRENGTH (T)	CONDUCTOR TENSILE STRENGTH (KG)	CONDUCTOR TENSILE STRENGTH (LBS)	CONDUCTOR TENSILE STRENGTH (KN)	CONDUCTOR TENSILE STRENGTH (T)
40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7

CABLE WEIGHTS DATA											
CONDUCTOR	CONDUCTOR CLASSIFICATION	CONDUCTOR TYPE	CONDUCTOR SIZE	CONDUCTOR WEIGHT (LB/1000 FT)	CONDUCTOR TENSILE STRENGTH (LB)	CONDUCTOR TENSILE STRENGTH (KN)	CONDUCTOR TENSILE STRENGTH (T)	CONDUCTOR TENSILE STRENGTH (KG)	CONDUCTOR TENSILE STRENGTH (LBS)	CONDUCTOR TENSILE STRENGTH (KN)	CONDUCTOR TENSILE STRENGTH (T)
40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7	40/7

6M STRAND STRINGING TENSION (N) AND TEMPERATURE										
TEMPERATURE (°C)	40C	30C	20C	10C	0C	10C	20C	30C	40C	
TENSION (N)	7,170	8,750	9,230	5,930	5,510	5,090	4,670	4,990	4,200	3,660

6M SLACK TENSION										
TEMPERATURE (°C)	-4C	-3C	-2C	-1C	0C	1C	2C	3C	4C	
TENSION (N)	3030	3033	3425	3042	2713	3427	3321	3239	3054	3215

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 GROUND LOCATIONS
- NEW BELL ANCHORS
- NEW BELL DOWN GUYS
- NEW DOWN GUYS
- NEW COPPER SPIN LOCATIONS
- NEW WIRE AND CABLE LOCATIONS
- NEW SPIN LOCATIONS
- NEW SPIN LOCATIONS
- NEW SPIN LOCATIONS
- NEW LOOPBACK
- NEW POLE (TO BE ORDERED AND APPROVED BY A LTR PERM)

CONSTRUCTION NOTES

- OVERLASH NEW 2400 POC TO EXIST. 14" FBRE AND 6M STRAND.
- LASH NEW POC TO NEW 6M STRAND.
- OVERLASH NEW POC TO EXIST. 14" FBRE AND 6M STRAND.
- NEW COPPER SPIN
- EXISTING COPPER SPIN
- NEW WIRE SPIN
- EXISTING WIRE SPIN
- METAL NEW GROUND ROD AND BOND STRAND TO EXISTING WIRE GROUND
- BOND STRAND AND LEAVE COIL FOR WIRE CONNECTION TO WIRE
- STRAND TO STRAND BOARD
- METAL NEW ANCHOR
- NEW LOOPBACK
- NEW WIRE LOCATION
- NEW SPIN GUY
- METAL CABLE TO EXISTING GP
- NEW SPIN
- SLACK SPIN
- TRIAL 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: _____

AERIAL INSTALLATION
 AIR INSTALLATION

DATE STRAND INSTALLATION: _____
INSTALLED STRAND STRINGING TENSION: _____
INSTALLED SLACK SPIN: _____
STRAND STRINGING TEMPERATURE: _____
AMBIENT TEMPERATURE: _____

YES NO APPROVED SIGNATURE HAS BEEN USED.
 YES NO THE CONTRACTOR AGREES WITH THE APPROVED PLAN, STANDARD DESIGN OR WORK INSTRUCTIONS AND ANY CHANGES HAVE BEEN SHOWN ON THE DRAWING.

PROJECT NO: 3479
DATE: _____

DRAWN BY: _____
CHECKED BY: _____
DESIGNED BY: _____
DATE: _____

KENNEDY ST. & BARRYDOWNE RD.

PROJECT NO: NN
SCALE: EA
DATE: APRIL 02, 2012
AS NOTED

PROJECT NO: 3139564
SCALE: 10*2
DATE: _____

PROJECT NO: _____
SCALE: _____
DATE: _____