APPENDIX 3.1 – INDICATIVE TOWER AND POLE SCHEDULE

TOWER SCHEDULE

SSE DRAWING NUMBER :

LINE	Strathy Wood - Connagill (Towers 1 to 19)
VOLTAGE	132kV
No 1 CIRCUIT ID	Strathy Wood
No 1 CIRCUIT COLOUR CODE	T.B.C
No 2 CIRCUIT ID	Strathy South
No 2 CIRCUIT COLOUR CODE	T.B.C.

PHASE CONDUCTOR SIZE	500mm² AAAC RUBUS
EARTHWIRE CONDUCTOR SIZE / OPGW	160mm² 48f OPGW KEZIAH EQ.
MINIMUM GROUND CLEARANCE	6.7m
DESIGN TEMPERATURE	90°C
CONTRACTOR	T.B.C.
CONSTRUCTION DATE	T.B.C.

STRATHY WOOD PHASE COLOURING:	**TOP:**	T.B.C.
	MIDDLE:	
	BOTTOM:	
STRATHY SOUTH PHASE COLOURING:	**TOP:**	T.B.C.
	MIDDLE:	
	BOTTOM:	

LSTC DOC REF : 02_230796_04 RevE

TOWER				SPAN LENGTH (m)	WIND SPAN	SECTION LENGTH (m)	ANGLE OF DEVIATION (+ve RIGHT -ve LEFT)	CHAINAGE	GROUND LEVEL	TOWER HEIGHT (m)	BTM ATT.PT	PHASE INSULATORS							OPGW INSULATORS			PROFILE DRAWING REF.	ROUTE CENTRELINE COORDINATES		JUMPER WEIGHTS - VS1	JUMPER WEIGHTS - VS2	VIBRATION DAMPERS - PHASES	VIBRATION DAMPERS - OPGW	CROSSINGS / INFRINGEMENTS IN SPAN	REMARKS	TOWER NO
NO	SPEC	TYPE	BODY EXT									NO OF STRINGS	UNIT RATING	UNITS PER STRING	ARC GAP	DRAWING REF.	CONDUCTOR TERMINATION	ADDITIONAL INSULATOR WEIGHT (IF REQ)	UNIT RATING	DRAWING REF.	CONDUCTOR TERMINATION		EASTING	NORTHING							
1	L7C	DT	STD		119.38		0.10	38.58	85.00	26.21	100.01												282357.45	956169.59						WORKING AREA: 50m x 50m & PROPOSED CONDUCTOR PULLING POSITION	1
2	L7C	D	E3	238.76	229.22	678.82		277.35	83.56	29.95	101.86												282440.62	956393.40					LOGGING / ACCESS TRACK RIVER STRATHY	WORKING AREA: 50m x 50m	2
3	L7C	D	E3	219.67	220.03			497.02	74.33	29.95	92.63												282517.14	956599.31						WORKING AREA: 50m x 50m	3
4	L7C	D60	E6	220.39	266.00		35.28	717.41	70.28	32.31	91.38												282593.92	956805.90						WORKING AREA: 70m x 70m & PROPOSED CONDUCTOR PULLING POSITION	4
5	L7C	D60	E3	311.61	265.05	311.61	-52.37	1029.01	87.41	29.26	105.47												282851.23	956981.64					RIVER STRATHY LOGGING / ACCESS TRACK	WORKING AREA: 70m x 70m & PROPOSED CONDUCTOR PULLING POSITION	5
6	L7C	D	E3	218.50	233.99			1247.51	80.66	29.95	98.96												282863.82	957199.77						WORKING AREA: 50m x 50m	6
7	L7C	D	E3	249.49	245.75			1497.00	72.85	29.95	91.16												282878.20	957448.85						WORKING AREA: 50m x 50m	7
8	L7C	D	E3	242.01	242.01			1739.00	76.11	29.95	94.42												282892.14	957690.45					ALLT REIDHEAN A' BHAINNE (BURN)	WORKING AREA: 50m x 50m	8
9	L7C	D	E3	242.01	242.01			1981.01	74.01	29.95	92.31												282906.08	957932.05						WORKING AREA: 50m x 50m	9
10	L7C	D	E3	242.01	242.01			2223.02	70.55	29.95	88.86												282920.03	958173.66					UNNAMED BURN	WORKING AREA: 50m x 50m	10
11	L7C	D	E3	242.01	235.98	2888.04		2465.02	74.27	29.95	92.58												282933.97	958415.26						WORKING AREA: 50m x 50m	11
12	L7C	D	E3	229.96	242.01			2694.98	73.03	29.95	91.34												282947.22	958644.84						WORKING AREA: 50m x 50m & PROPOSED OPERATIONAL TOWER	12
13	L7C	D	E3	254.05	248.02			2949.03	72.87	29.95	91.18												282961.86	958898.47					UNNAMED BURN	WORKING AREA: 50m x 50m	13
14	L7C	D	E9	241.99	242.01			3191.02	68.93	36.04	93.33												282975.80	959140.06						WORKING AREA: 50m x 50m	14
15	L7C	D	E9	242.03	242.01			3433.05	75.29	36.04	99.69												282989.74	959381.68						WORKING AREA: 50m x 50m	15
16	L7C	D	E3	241.99	242.00			3675.05	73.38	29.95	91.69												283003.69	959623.28						WORKING AREA: 50m x 50m	16
17	L7C	D30	E3	242.01	263.14		-21.44	3917.05	70.24	29.26	88.30												283017.63	959864.88						WORKING AREA: 50m x 50m & PROPOSED CONDUCTOR PULLING POSITION	17
18	L7C	D	E3	284.27	289.87	579.74		4201.32	52.13	29.95	70.44												282929.16	960135.03					LOGGING / ACCESS TRACK UNNAMED BURN	WORKING AREA: 50m x 50m	18
19	L7C	DJT	STD	295.47	278.55		50.10	4496.79	45.13	28.12	60.22												282837.20	960415.83						WORKING AREA: 70m x 70m & PROPOSED CONDUCTOR PULLING POSITION	19
				261.63																										
POLE 128A	ENATS 43-50	ANGLE TERMINAL	15.0m						43.43	13.15	56.58												282825.39	960434.44						DOWNLEAD SPAN 19 to 128A = 16.8m	
POLE 129A	ENATS 43-50	ANGLE TERMINAL	13.5m						44.61	11.65	56.26												282814.07	960408.30						DOWNLEAD SPAN 19 to 129A = 17.8m	