Cover Sheet

	Station: Mc Master NF-91		Dwg. Number:			Revision #: 00
Rev (#)	Date (yyyy/mm/dd)		Particulars	prepared	checked	approved
00	20018/09/27		ASSIGNED STATION SERVICE CABLE AND P&C CABLES	K.J	R.F	R.F

Cable Lengths are estimated for guidance. They are not used as cut lengths.

Consolidated Cable List

	STATION : Mc MASTER NF-91 P&C CABLE LIST			Revision #:	00	
Cable No.	**From**	**To**	**Service**	**Description (GND Wire Size)**	**Length (m)**	**Rev'd On**
N001	13.8V TRANSFORMER T1 REVENUE METERING PT PHASE R	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING VOLTAGE	2C #10 TECK (#12 GND)	5	00
N002	13.8V TRANSFORMER T1 REVENUE METERING PT PHASE W	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING VOLTAGE	2C #10 TECK (#12 GND)	6	00
N003	13.8V TRANSFORMER T1 REVENUE METERING PT PHASE B	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING VOLTAGE	2C #10 TECK (#12 GND)	7	00
N004	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	13.8V TRANSFORMER T1 REVENUE METERING CABINET	REVENUE METERING VOLTAGE	4C #10 TECK (#12 GND)	5	00
N005	13.8V TRANSFORMER T1 REVENUE METERING CT PHASE R	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING CURRENT	2C #8 TECK (#10 GND)	5	00
N006	13.8V TRANSFORMER T1 REVENUE METERING CT PHASE W	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING CURRENT	2C #8 TECK (#10 GND)	6	00
N007	13.8V TRANSFORMER T1 REVENUE METERING CT PHASE B	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING CURRENT	2C #8 TECK (#10 GND)	7	00
N008	13.8V TRANSFORMER T1 REVENUE METERING CT/VT JUNCTION BOX	13.8V TRANSFORMER T1 REVENUE METERING CABINET	REVENUE METERING CURRENT	6C #8 TECK (#10 GND)	5	00
N009	13.8V TRANSFORMER T2 REVENUE METERING PT PHASE R	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING VOLTAGE	2C #10 TECK (#12 GND)	5	00
N010	13.8V TRANSFORMER T2 REVENUE METERING PT PHASE W	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING VOLTAGE	2C #10 TECK (#12 GND)	6	00
N011	13.8V TRANSFORMER T2 REVENUE METERING PT PHASE B	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING VOLTAGE	2C #10 TECK (#12 GND)	7	00
N012	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	13.8V TRANSFORMER T2 REVENUE METERING CABINET	REVENUE METERING VOLTAGE	4C #10 TECK (#12 GND)	5	00
N013	13.8V TRANSFORMER T2 REVENUE METERING CT PHASE R	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING CURRENT	2C #8 TECK (#10 GND)	5	00
N014	13.8V TRANSFORMER T2 REVENUE METERING CT PHASE W	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING CURRENT	2C #8 TECK (#10 GND)	6	00
N015	13.8V TRANSFORMER T2 REVENUE METERING CT PHASE B	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	REVENUE METERING CURRENT	2C #8 TECK (#10 GND)	7	00
N016	13.8V TRANSFORMER T2 REVENUE METERING CT/VT JUNCTION BOX	13.8V TRANSFORMER T2 REVENUE METERING CABINET	REVENUE METERING CURRENT	6C #8 TECK (#10 GND)	5	00
N017	115KV LINE B4 CVT-T1 -X AC VT RED PHASE	115KV LINE B4 CVT-T1 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	15	0

N018	115KV LINE B4 CVT-T1 -X AC VT WHITE PHASE	115KV LINE B4 CVT-T1 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	20	0
N019	115KV LINE B4 CVT-T1 -X AC VT BLUE PHASE	115KV LINE B4 CVT-T1 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	25	0
N020	115KV LINE B4 CVT-T1 AC VT FUSE BOX	115KV LINE B4 CVT-AC VT TERMINAL RACK IN E HOUSE.	POTENTIAL	4C #10 TECK (#12 GND)	30	0
N021	115KV LINE B4 CVT-T1 -Y AC VT RED PHASE	115KV LINE B4 CVT-T1 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	15	0
N022	115KV LINE B4 CVT-T1 -Y AC VT WHITE PHASE	115KV LINE B4 CVT-T1 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	20	0
N023	115KV LINE B4 CVT-T1 -Y AC VT BLUE PHASE	115KV LINE B4 CVT-T1 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	25	0
N024	115KV LINE B4 CVT-T1 AC VT FUSE BOX	115KV LINE B4 CVT-AC VT TERMINAL RACK IN E HOUSE.	POTENTIAL	4C #10 TECK (#12 GND)	30	0
N025	115KV LINE B3 CVT-T2 -X AC VT RED PHASE	115KV LINE B3 CVT-T2 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	20	0
N026	115KV LINE B3 CVT-T2 -X AC VT WHITE PHASE	115KV LINE B3 CVT-T2 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	25	0
N027	115KV LINE B3 CVT-T2 -X AC VT BLUE PHASE	115KV LINE B3 CVT-T2 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	30	0
N028	115KV LINE B3 CVT-T2 AC VT FUSE BOX	115KV LINE B3 CVT-AC VT TERMINAL RACK IN E HOUSE.	POTENTIAL	4C #10 TECK (#12 GND)	60	0
N029	115KV LINE B3 CVT-T2 -Y AC VT RED PHASE	115KV LINE B3 CVT-T2 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	20	0
N030	115KV LINE B3 CVT-T2 -Y AC VT WHITE PHASE	115KV LINE B3 CVT-T2 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	25	0
N031	115KV LINE B3 CVT-T2 -Y AC VT BLUE PHASE	115KV LINE B3 CVT-T2 AC VT FUSE BOX	POTENTIAL	2C #10 TECK (#12 GND)	30	0
N032	115KV LINE B3 CVT-T2 AC VT FUSE BOX	115KV LINE B3 CVT-AC VT TERMINAL RACK IN E HOUSE.	POTENTIAL	4C #10 TECK (#12 GND)	60	0
N033	DISCONNECT SWITCH 91-B4 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	125V DC POWER SUPPLY	2C #12 SHLD FRPVC (#8 GND)	40	0
N034	DISCONNECT SWITCH 91-B4 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	7C #12 SHLD FRPVC (#6 GND)	40	0
N035	DISCONNECT SWITCH 91-B4 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	4C #12 SHLD FRPVC (#8 GND)	40	0
N036	DISCONNECT SWITCH 91-B4 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ALARMS	3 PR #18 SHLD FRPVC (#8 GND)	40	0
N037	DISCONNECT SWITCH 91-B3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	125V DC POWER SUPPLY	2C #12 SHLD FRPVC (#8 GND)	70	0
N038	DISCONNECT SWITCH 91-B3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	7C #12 SHLD FRPVC (#6 GND)	70	0
N039	DISCONNECT SWITCH 91-B3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	4C #12 SHLD FRPVC (#8 GND)	70	0
N040	DISCONNECT SWITCH 91-B3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ALARMS	3 PR #18 SHLD FRPVC (#8 GND)	70	0

N041	DISCONNECT SWITCH 91T1-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	125V DC POWER SUPPLY	2C #12 SHLD FRPVC (#8 GND)	55	0
N042	DISCONNECT SWITCH 91T1-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	7C #12 SHLD FRPVC (#6 GND)	55	0
N043	DISCONNECT SWITCH 91T1-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	4C #12 SHLD FRPVC (#8 GND)	55	0
N044	DISCONNECT SWITCH 91T1-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ALARMS	3 PR #18 SHLD FRPVC (#8 GND)	55	0
N045	DISCONNECT SWITCH 91T2-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	125V DC POWER SUPPLY	2C #12 SHLD FRPVC (#8 GND)	65	0
N046	DISCONNECT SWITCH 91T2-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	7C #12 SHLD FRPVC (#6 GND)	65	0
N047	DISCONNECT SWITCH 91T2-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	4C #12 SHLD FRPVC (#8 GND)	65	0
N048	DISCONNECT SWITCH 91T2-A MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ALARMS	3 PR #18 SHLD FRPVC (#8 GND)	65	0
N049	DISCONNECT SWITCH 91A2-A3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	125V DC POWER SUPPLY	2C #12 SHLD FRPVC (#8 GND)	40	0
N050	DISCONNECT SWITCH 91A2-A3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	7C #12 SHLD FRPVC (#6 GND)	40	0
N051	DISCONNECT SWITCH 91A2-A3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL`A' BATT	4C #12 SHLD FRPVC (#8 GND)	40	0
N052	DISCONNECT SWITCH 91A2-A3 MECH BOX.	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ALARMS	3 PR #18 SHLD FRPVC (#8 GND)	40	0
N053	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ALARMS	3 PR #18 SHLD FRPVC (#8 GND)	65	0
N054	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CT LEADS T1`A' PROT	4C #10 SHLD FRPVC (#6 GND)	65	0
N055	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CT LEADS T1`A' & `B'PROT	4C #10 SHLD FRPVC (#6 GND)	65	0
N056	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ANN	6 PR #18 SHLD FRPVC (#8 GND)	65	0
N057	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ANN	6 PR #18 SHLD FRPVC (#8 GND)	65	0
N058	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL	12C #12 SHLD FRPVC (#6 GND)	65	0
N059	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	TAP POSIND	4C #16 SHLD FRPVC (#8 GND)	65	0
N060	TRANSFORMERFORMER T1 MECH BOXHADS	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	FIRE DETECTION	3C#18 FAS AIA CABLE (GND)	65	0
N061	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL	3C #12 SHLD FRPVC (#8 GND)	65	0
N062	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ALARMS	3 PR #18 SHLD FRPVC (#8 GND)	85	0

N063	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CT LEADS T2`A' PROT	4C #10 SHLD FRPVC (#6 GND)	85	0
N064	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CT LEADS T2`A' & `B'PROT	4C #10 SHLD FRPVC (#6 GND)	85	0
N065	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ANN	6 PR #18 SHLD FRPVC (#8 GND)	85	0
N066	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	SUPV/ANN	6 PR #18 SHLD FRPVC (#8 GND)	85	0
N067	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL	12C #12 SHLD FRPVC (#6 GND)	85	0
N068	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	TAP POSIND	4C #16 SHLD FRPVC (#8 GND)	85	0
N069	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	FIRE DETECTION	3C#18 FAS AIA CABLE (GND)	85	0
N070	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	CONTROL	3C #12 SHLD FRPVC (#8 GND)	85	0
N071	TRANSFORMERFORMER T1 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	T1 PQM CT PM 8244	4C #10 SHLD FRPVC (#8 GND)	65	0
N072	TRANSFORMERFORMER T2 MECH BOX	125V DC TERM RACK ROW `XX` MOD `XX' IN E HOUSE	T2 PQM CT PM 8244	4C #10 SHLD FRPVC (#8 GND)	85	0

	STATION : Mc MASTER NF-91 AC STATION SERVICE CABLE LIST			Revision #:	00	
Cable No.	**From**	**To**	**Service**	**Description (GND Wire Size)**	**Length (m)**	**Rev'd On**
SN001	STATION SERVICE TRANS TSS1 IN 13.8KV YARD	120/208V AC STATION SERVICE PANEL AC PL1	120/208V AC SUPPLY	4C 250 TECK (#1/0 GND)	40	0
SN002	STATION SERVICE TRANS TSS2 IN 13.8KV YARD	120/208V AC STATION SERVICE PANEL AC PL2	120/208V AC SUPPLY	4C 250 TECK (#1/0 GND)	65	0
SN003	120/208V AC STATION SERVICE PANEL AC PL1 CCT# 7	AUTO TRANSFER SWITCH T1 MAIN 100A 120/208V AC	120/208V AC SUPPLY	4C #2 TECK (#6 GND)	5	0
SN004	120/208V AC STATION SERVICE PANEL AC PL1 CCT# 8	AUTO TRANSFER SWITCH T2 ALT. 100A 120/208V AC	120/208V AC SUPPLY	4C #2 TECK (#6 GND)	5	0
SN005	AUTO TRANSFER SWITCH T1 100A 120/208V AC	POWER TRANSFORMER T1 MECH BOX	120/208V AC SUPPLY	4C #1 TECK (#10 GND)	60	0
SN006	120/208V AC STATION SERVICE PANEL AC PL1 CCT# 17	DISCONNECT SWITCH 91-B4 MECH BOX.	120/208V AC SUPPLY	2C #8 TECK (#10 GND)	40	0
SN007	120/208V AC STATION SERVICE PANEL AC PL1 CCT# 18	DISCONNECT SWITCH 91-T1-A MECH BOX.	120/208V AC SUPPLY	2C #8 TECK (#10 GND)	52	0
SN008	120/208V AC STATION SERVICE AC PL1, CCT#22	13.8KV TRANS T1 REVENUE METERING CABINET	120V AC POWER SUPPLY	2C #8 TECK (#10 GND)	50	0
SN009	120/208V AC STATION SERVICE AC PL1, CCT#28	115KV YARD LIGHT CCT# 1	120/208V AC SUPPLY	2C #8 TECK (#10 GND)	50	0
SN010	AC STATION SERVICE PANEL AC PL1 CCT# 45	DEISEL GENERATOR CONNECTION POINT	120/208V AC SUPPLY	4C 3/0 TECK (#1/0 GND)	10	0
SN011	120/208V AC STATION SERVICE PANEL AC PL2 CCT# 7	AUTO TRANSFER SWITCH T2 MAIN 100A 120/208V AC	120/208V AC SUPPLY	4C #2 TECK (#6 GND)	5	0
SN012	120/208V AC STATION SERVICE PANEL AC PL1 CCT# 8	AUTO TRANSFER SWITCH T1 ALT. 100A 120/208V AC	120/208V AC SUPPLY	4C #2 TECK (#6 GND)	5	0
SN013	AUTO TRANSFER SWITCH T2 100A 120/208V AC	POWER TRANSFORMER T2 MECH BOX	120/208V AC SUPPLY	4C #1 TECK (#10 GND)	80	0
SN014	120/208V AC STATION SERVICE PANEL AC PL2 CCT# 17	DISCONNECT SWITCH 91-B3 MECH BOX.	120/208V AC SUPPLY	2C #6 TECK (#8 GND)	70	0
SN015	120/208V AC STATION SERVICE PANEL AC PL2 CCT# 18	DISCONNECT SWITCH 91T2-A MECH BOX.	120/208V AC SUPPLY	2C #6 TECK (#8 GND)	65	0
SN016	120/208V AC STATION SERVICE PANEL AC PL2 CCT# 20	DISCONNECT SWITCH 91A2-A3 MECH BOX.	120/208V AC SUPPLY	2C #8 TECK (#10 GND)	40	0
SN017	120/208V AC STATION SERVICE AC PL2, CCT#22	28KV TRANS T2 REVENUE METERING CABINET	120V AC POWER SUPPLY	2C #6 TECK (#8 GND)	75	0
SN018	120/208V AC STATION SERVICE AC PL2, CCT#28	115KV YARD LIGHT CCT# 2	120/208V AC SUPPLY	2C #8 TECK (#10 GND)	50	0