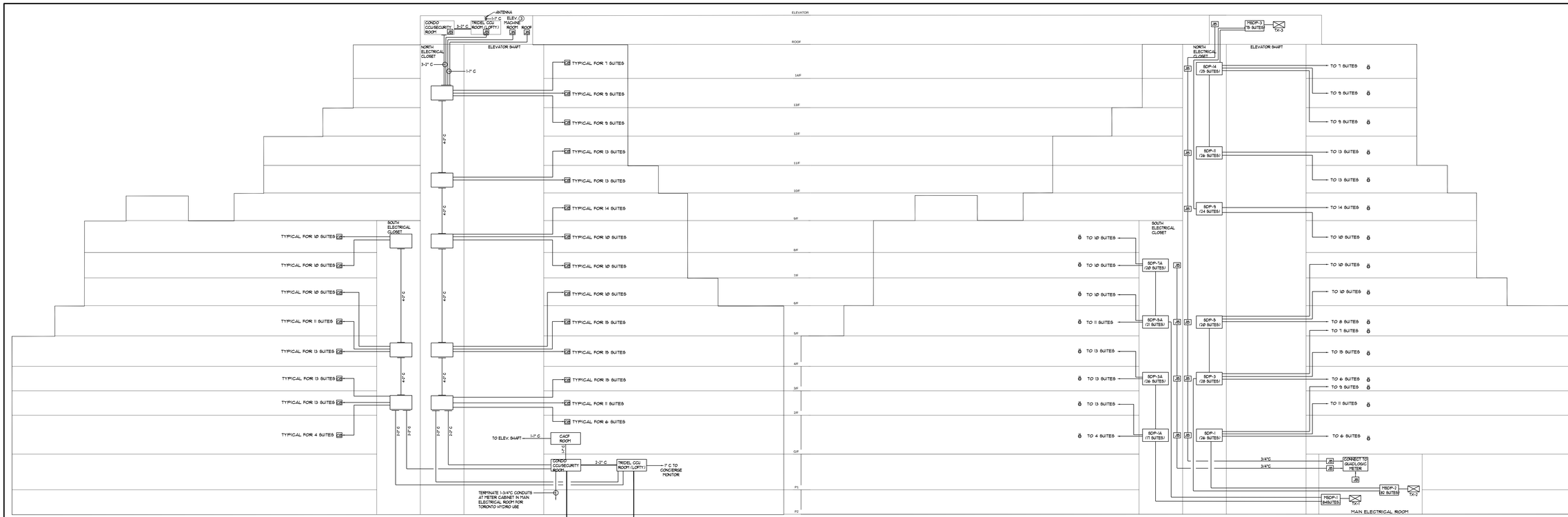
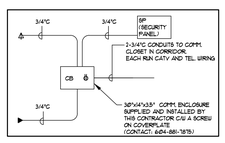


COMMUNICATION AND SECURITY RISER DIAGRAM

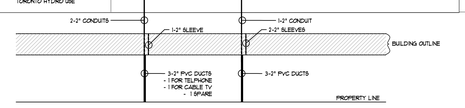
SUITE DISTRIBUTION RISER DIAGRAM

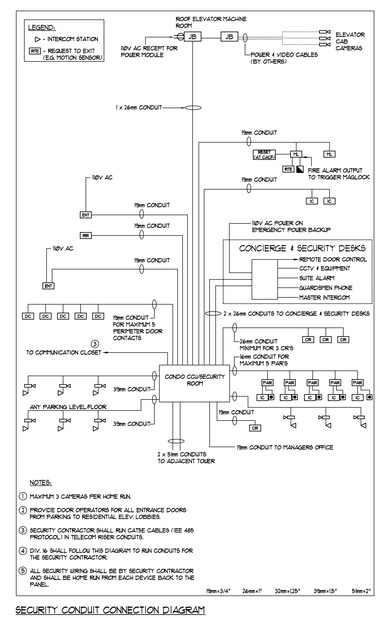


TYPICAL SUITE COMMUNICATION CONNECTION DIAGRAM
(REFER TO DETAIL *5 ON DWG. E-31 FOR INSTALLATION OF COMMUNICATION BOX)

GENERAL NOTES:

1. COMMUNICATION RISER SHALL BE RUN IN TOWER 101 ERSKINE NORTH & SOUTH ELECTRICAL CLOSET.
2. EACH SUITE IS FED WITH TWO CONDUITS, ONE FOR TELEPHONE AND CABLE T.V. AND THE OTHER IS A SPARE.
3. PROVIDE DEDICATED TELEPHONE LINE FOR ELEVATOR SYSTEM.
4. PROVIDE ELECTRICAL PANEL "P-ECU" FOR CCU ROOM USE COMPLETE WITH A MINIMUM 60A, 120/208V EMERGENCY FEEDER.
5. CONDUITS NOT BEING USED SHALL BE CAULKED AND SEALED. ALL SLEEVES PASSING THROUGH FIRE SEPARATIONS SHALL BE FIRE STOPPED.
6. SECURITY CONTRACTOR RUN CAT5E CABLE IN THE SAME CONDUIT AS TELECOM CABLE.





SECURITY CONDUIT CONNECTION DIAGRAM

ELECTRICAL LEGEND

LIGHTING

	FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED
	NIGHT LIGHT OR LIGHT CONNECTED TO EMERGENCY POWER
	CEILING MOUNTED/WALL MOUNTED LIGHT FIXTURE, INSCRIBED LETTER DENOTES TYPE
	POLE MOUNTED LIGHT FIXTURE INSCRIBED LETTER DENOTES TYPE
	CAPPED CEILING LIGHT OUTLET
	TRACK LIGHT
	STRIP LIGHT
	UNDER CABINET FLUORESCENT LIGHT FIXTURE
	CEILING MOUNTED/WALL MOUNTED EXIT SIGN
	SINGLE/DUAL EMERGENCY LAMP REMOTE HEAD
	EMERGENCY BATTERY PACK
PP	OCCUPANCY SENSOR POWER PACKS
S/S/S S-3, S-4, S*, S>	SINGLE/TWO/THREE POLE, SINGLE/TWO/THREE THROW TOGGLE SWITCH RESPECTIVELY, ("3","4","P","3" DENOTES 3-WAY,4-WAY,PILOT LIGHT, DIMMER SWITCHED LIGHT RESPECTIVELY.)
	MASTER LIGHTING SHUT-OFF SWITCH
	SENSOR WALL SWITCH PIR, SELF POWERED
	OCCUPANCY SENSOR, CEILING MOUNTED

POWER

	REGULAR DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE, GROUND FAULT INTERRUPT
	3-20R T-SLOT DUPLEX RECEPTACLE
	SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DRYER
	CONNECTION FOR OVEN/COOKTOP
	ABOVE COUNTER DEVICE
	CEILING MOUNTED DEVICES
	FLOOR MOUNTED DEVICES
	DISCONNECT SWITCH, NON-FUSED
	DISCONNECT SWITCH FUSED
	COMBINATION STARTER
	FRACTIONAL MOTOR/FAN DIRECT CONNECTION
	DIRECT CONNECTION, SINGLE PHASE
	DIRECT CONNECTION, THREE PHASE
	THERMOSTAT
	DRYER SENSOR
	HEAT TRACE
	ELECTRICAL HEATER
	ELECTRICAL PANEL / SECURITY PANEL

TELECOMMUNICATION

	TV/CABLE OUTLET
	TELEPHONE OUTLET
	TELEPHONE/TV CABLE (*3LTI-PORT OUTLET)
	DATA OUTLET
	DATA/TELEPHONE OUTLET
	IN SUITE TELECOM'S BOX C/U RECEPTACLE
	WIFI LOCATION
PM / VC	MUSIC SPEAKER / VOLUME CONTROL
RR	RADIO RECEIVER

SECURITY

C / INT	INTERCOM / ENTERPHONE
CV	INTERCOM WITH CAMERA
PB / PAB	PANIC BUTTON / PANIC INTERCOM STATION
CR	CARD READER
ARCU / RR	AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
ES	ELECTRIC STRIKE
EL	MAGLOCK
DC / DF	DOOR CONTACT / WINDOW CONTACT
DO	AUTOMATIC DOOR OPERATOR
MD	MOTION DETECTOR
	PUSH BUTTON
	SECURITY CAMERA

LIFE SAFETY

	FIRE ALARM SMOKE DETECTOR
	SMOKE ALARM
	FIRE ALARM DUCT TYPE SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIXED TEMP. 88 °C DEGREE HEAT DETECTOR
	MOISTURE PROOF HEAT DETECTOR
	CO ALARM
	COMBINATION SMOKE & CO ALARM
CO / NC	CO SENSOR / NO SENSOR
	FIRE ALARM MANUAL PULL STATION
H	FIREFIGHTER'S HANDSET
	FIRE ALARM STROBE/HORN, WALL MTD.
	FIRE ALARM MINI-HORN, WALL MTD.
	FIRE ALARM SPEAKER/STROBE CEILING MTD.
	FIRE ALARM SPEAKER, CEILING MTD.
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL

DATE	NO.	DESCRIPTION	BY
05/30/14	1	ISSUED FOR PERMIT	S.T.

MARK VOID ALL PRINTS DATED PRIOR TO FINAL DATE ABOVE

REVISIONS

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEERS BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS THE PROPERTY OF THE ENGINEERS AND MUST BE RETURNED UPON COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

NOVA TREND ENGINEERING GROUP LTD.

05/30/14

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DRAWING TITLE:
SDP, COMMUNICATION & SECURITY RISER DIAGRAM

PROJECT TITLE:
ALEXANDRA PARK
XXX
TORONTO ONTARIO

DRAWN BY:	CHECKED BY:	SCALE:
S.O.	S.T.	N.T.S.
DATE: FEB. 13	PROJECT NUMBER: 1313	DRAWING NUMBER: E-31 OF

Drawing name: \\CADSERVER\Current Dwg\1313 - Alexandra Park\DWG\1313E-31 (SDP).dwg Plotted: Jun 10, 2014 - 9:08am