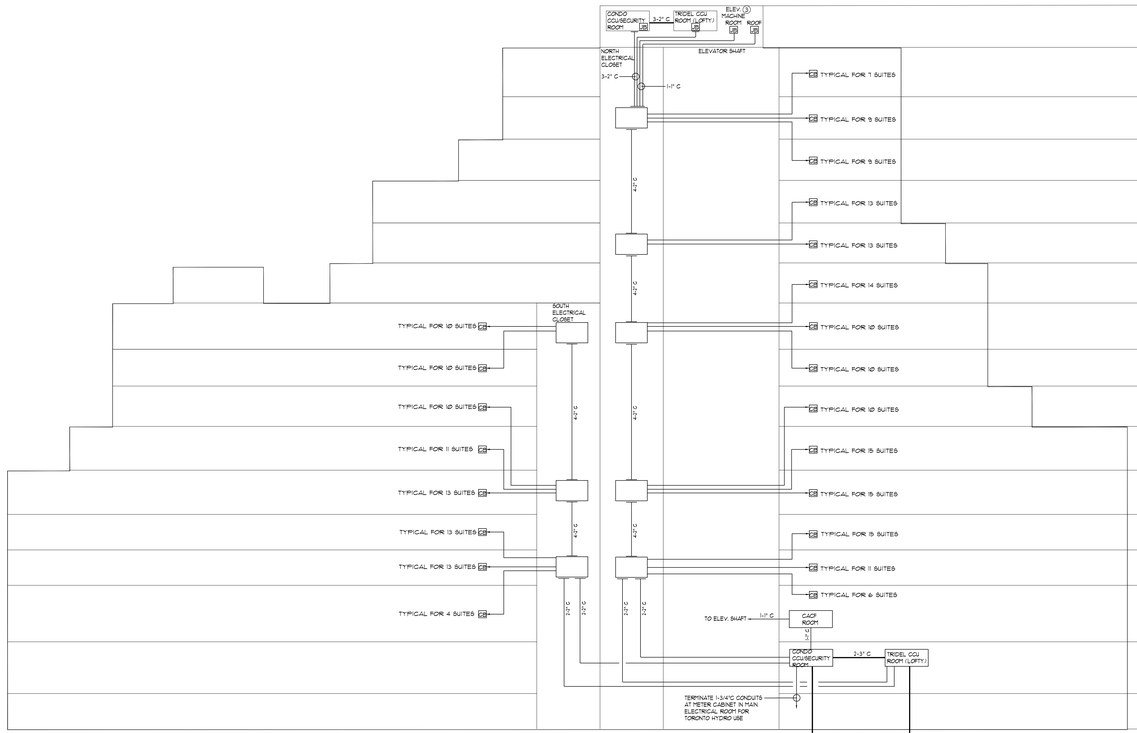
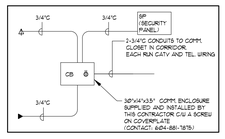


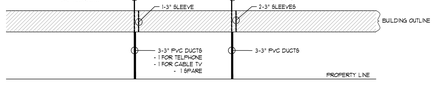
COMMUNICATION AND SECURITY RISER DIAGRAM



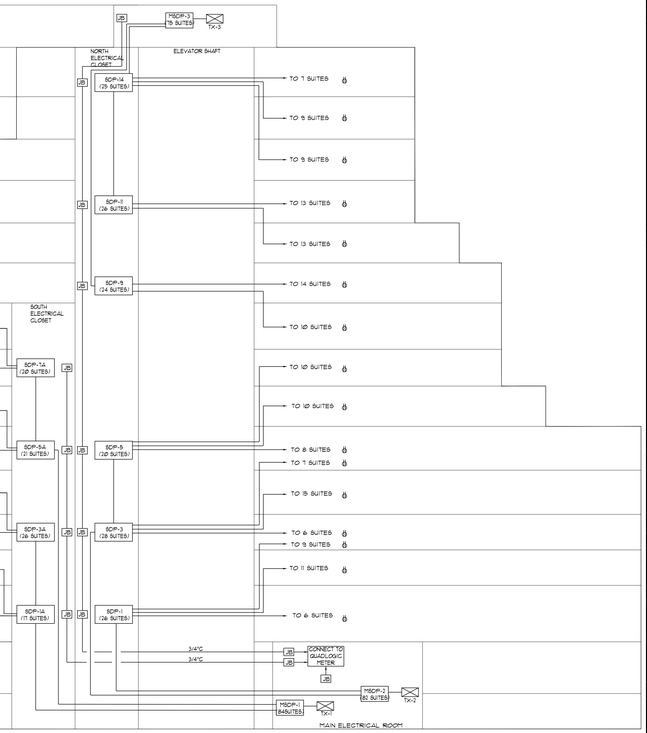
TYPICAL SUITE COMMUNICATION CONNECTION DIAGRAM
(REFER TO DETAIL "5" ON DWG. E-31 FOR INSTALLATION OF COMMUNICATION BOX)

GENERAL NOTES:

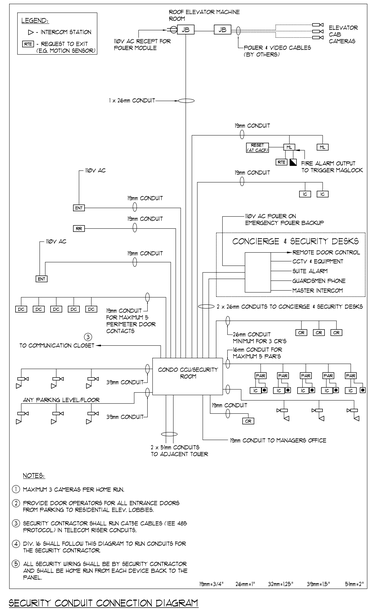
1. COMMUNICATION RISER SHALL BE RUN IN TOWER 101 ERSKINE NORTH 4 SOUTH ELECTRICAL CLOSET.
2. EACH SUITE IS FED WITH TWO CONDUITS, ONE FOR TELEPHONE AND CABLE T.V. AND THE OTHER IS A SPARE.
3. PROVIDE DEDICATED TELEPHONE LINE FOR ELEVATOR SYSTEM.
4. PROVIDE ELECTRICAL PANEL "P-ECU" FOR CCU ROOM USE COMPLETE 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.



SUITE DISTRIBUTION RISER DIAGRAM



SECURITY CONDUIT CONNECTION DIAGRAM



NOTES:

1. MAXIMUM 3 CAMERAS PER HOME RUN.
2. PROVIDE DOOR OPERATORS FOR ALL ENTRANCE DOORS FROM PARKING TO RESIDENTIAL ELEV. LOBBIES.
3. SECURITY CONTRACTOR SHALL RUN CAT5E CABLES / IEE 485 PROTOCOL IN TELECOM RISER CONDUITS.
4. DIV. 16 SHALL FOLLOW THIS DIAGRAM TO RUN CONDUITS FOR THE SECURITY CONTRACTOR.
5. ALL SECURITY WIRING SHALL BE BY SECURITY CONTRACTOR AND SHALL BE HOME RUN FROM EACH DEVICE BACK TO THE PANEL.

ELECTRICAL LEGEND

LIGHTING

- F — 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
- PIR — OCCUPANCY SENSOR POWER PACKS
- S / $2 / $3 — SINGLE/TWO/THREE POLE, SINGLE/TWO/THREE THROW TOGGLE SWITCH RESPECTIVELY, ('2','4' R','D' 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
- 5-20R T-SLOT DUPLEX RECEPTACLE
- SINGLE RECEPTACLE TYPE AND CONFIGURATION AS SPECIFIED FOR DIMTER
- 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 — TV/CABLE OUTLET
- TEL — TELEPHONE OUTLET
- TV/TEL — TELEPHONE/TV CABLE (MULTI-PORT OUTLET)
- DATA OUTLET
- DATA/TELEPHONE OUTLET
- DB — N SUITE TELECOMM. BOX C/U RECEPTACLE
- WIFI — WIFI LOCATION
- MS / MSC — MUSIC SPEAKER / VOLUME CONTROL
- RR — RADIO RECEIVER

SECURITY

- IC / INT — INTERCOM / ENTERPHONE
- IVC — INTERCOM WITH CAMERA
- PB / PBR — PANIC BUTTON / PANIC INTERCOM STATION
- CR — CARD READER
- ARCU / ERC — AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
- ES — ELECTRIC STRIKE
- ML — MAGLOCK
- DC / WC — DOOR CONTACT / WINDOW CONTACT
- DO — AUTOMATIC DOOR OPERATOR
- MD — MOTION DETECTOR
- PB — 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 / VC — CO SENSOR / NO SENSOR
- FIRE ALARM MANUAL PULL STATION
- 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.
- FACP — FIRE ALARM ANNUNCIATOR PANEL
- FACP — FIRE ALARM CONTROL PANEL

05/30/14	4	ISSUED FOR PERMIT	S.T.
DATE	NO	DESCRIPTION	BY

MARK 100 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 MAY BE RETAINED UPON COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

NOVA TREND ENGINEERING GROUP LTD.

LICENSED PROFESSIONAL ENGINEER — 05/30/14 — S.T.-P. TAM — PROVINCE OF ONTARIO

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Email: cad@novatrending.com

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:	PROJECT NUMBER:	DRAWING NUMBER:
FEB. 13	1313	E-31 OF

Drawing name: \\SDDESIGNS\Current Dwg's\13\1313 - Alexandra Park\DWGS\1313E - 31 (SDP).dwg Plotted: May 29, 2014 - 5:22pm