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BIRD

NORR

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PROJECT:
ONTARIO PROVINCIAL
POLICE MODERNIZATION
PROJECT: PHASE 2

PROJECT LOCATION:
200 MCIRVINE RD, FORT
FRANCES, ON P9A 3S3
CANADA

Scale:	N.T.S.	REF DWG: E0-01
Project No:	7571A	DWG NO:
Drawn By:	CD	D8-E0-01
Checked By:	JS	

NOTE:

NOT ALL SYMBOLS SHOWN ON THIS LEGEND ARE NECESSARILY USED ON THIS PROJECT.

LIGHTING

LINEAR LUMINAIRE, TYPE AS SPECIFIED. HATCHING DENOTES CONNECTED TO EMERGENCY C/W INTEGRAL EMERGENCY BATTERY BACKUP CIRCUIT 'N' INDICATES UN-SWITCHED NIGHT LIGHTING CIRCUIT

CEILING MOUNTED LUMINAIRE, TYPE AS SPECIFIED

WALL MOUNTED LUMINAIRE, TYPE AS SPECIFIED

POLE MOUNTED LUMINAIRE, TYPE AS SPECIFIED

DOUBLE SURFACE MOUNTED EMERGENCY LIGHTING REMOTE HEADS, TYPE 'BU-I' INDICATES BATTERY BANK FED FROM

CEILING MOUNTED EMERGENCY LIGHTING REMOTE HEAD

EMERGENCY LIGHTING BATTERY UNIT C/W DUPLEX RECEPTACLE AND DOUBLE REMOTE HEADS, TYPE 'BU-I' AS SPECIFIED

WALL MOUNTED DOUBLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHAVED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN. 'BU-I' INDICATES BATTERY UNIT FED FROM

WALL MOUNTED SINGLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHAVED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN

CEILING MOUNTED DOUBLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHAVED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN

CEILING MOUNTED SINGLE FACED EXIT LIGHT AND DIRECTIONAL ARROWS AS INDICATED. SHAVED AREAS DENOTE DIRECTION OF FACE OF EXIT SIGN

SECURITY AND ACCESS SYSTEMS

SECURITY SYSTEM CONTROL PANEL

KEY PAD

CARD READER

INFA RED READER

REQUEST TO EXIT BUTTON

EGRESS MOTION DETECTOR

DOOR CONTACT

PATD DOOR CONTACT

WINDOW CONTACT

OVERHEAD DOOR CONTACT

POWER LOCK

ELECTRIC STRIKE

AUDIBLE ALARM

MOTION DETECTOR

GLASS BREAK DETECTOR

CLOSED CIRCUIT CAMERA

'PTZ' DENOTES PAN TILT ZOOM VCMT-S23-PTZ CAMERA C/W FLUSH CEILING MOUNTING KIT

'X' DENOTES VANDAL RESISTANT BOSCH VON-500S-V201S CAMERA

'Y' DENOTES BOSCH MODEL VON-500S-F121 FLEXIDOME 9000 CORNER MOUNT NO DRP CAMERA

'Z' DENOTES BOSCH L1C046S/21 ONION DIGITAL DAY / NIGHT CAMERA C/W PELOO 45W-MT CAMERA ENCLOSURE AND BOSCH L1C365/40 2.8-11mm LENS

'Y' DENOTES VCON V9200-H311 CAMERA C/W FLUSH CEILING MOUNTING KIT

'T' DENOTES BOUGH-IN ONLY. CAMERA TO BE PROVIDED UNDER CASH ALLOWANCE. PROVIDE COMPLETE INSTALLATION OF MOUNTING HARDWARE, CABLEING AND CONDUIT SYSTEM

SECURITY SYSTEM MONITOR

MAGLOCK DEVICE

KEY SWITCH

LOCAL AUDIBLE AND VISUAL ALARM

PANIC ALARM

DURESS ALARM ANNUNCIATOR

DURESS PUSH BUTTON

PUSH-TO-LOCK BUTTON - WALL MOUNTED

MICROPHONE - WALL OR CEILING MOUNTED

PULL CORD STATION - (SHOWER ROOM, TUB ROOM, AND WASHROOMS)

GENERAL POWER

15A, U-GROUND SINGLE RECEPTACLE

15A, U-GROUND DUPLEX RECEPTACLE

(5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE

15A, U-GROUND SINGLE OR DUPLEX RECEPTACLE - MOUNTED ABOVE COUNTER OR ABOVE STANDARD MOUNTING HEIGHT AS NOTED

15A, U-GROUND SINGLE INSULATED/ISOLATED GROUND RECEPTACLE - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER

15A, U-GROUND DUPLEX INSULATED/ISOLATED GROUND RECEPTACLE - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER

(5-20R) T-SLOT U-GROUND DUPLEX INSULATED/ISOLATED GROUND RECEPTACLE - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER

120/208V/14/30 AMP DRIVER OUTLET

120/208V/14/40 AMP RANGE OUTLET

SINGLE SPECIAL RECEPTACLE - AMPACITY AS INDICATED, TYPE 'N' AS SPECIFIED

15A, U-GROUND SPLIT WIRED DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER OR ABOVE STANDARD MOUNTING HEIGHT AS NOTED

15A, U-GROUND HALF SWITCHED DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER (CONTROLLED BY SWITCH)

15A, U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - STANDARD MOUNTING HEIGHT OR MOUNTED ABOVE COUNTER

(5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER

15A, U-GROUND SINGLE RECEPTACLE - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE

15A, U-GROUND DUPLEX RECEPTACLE - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE

(5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE

15A, U-GROUND SINGLE OR DUPLEX INSULATED/ISOLATED GROUND RECEPTACLE - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE

15A, U-GROUND SPLIT WIRED DUPLEX RECEPTACLE - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE

15A, U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - FLUSH FLOOR MOUNTED UNLESS NOTED OTHERWISE

(5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER

15A, U-GROUND SINGLE RECEPTACLE - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

15A, U-GROUND DUPLEX RECEPTACLE - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

(5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

15A, U-GROUND SPLIT WIRED DUPLEX RECEPTACLE - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

15A, U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

(5-20R) T-SLOT U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER

EQUIPMENT CONNECTIONS AND CONTROLS

DIRECT CONNECTION - 120 OR 208V AS SPECIFIED

DIRECT CONNECTION - 347 OR 600V AS SPECIFIED

DIRECT CONNECTION - 120 OR 208V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED

DIRECT CONNECTION - 347 OR 600V C/W UNFUSED DISCONNECT SWITCH AS SPECIFIED

DIRECT CONNECTION - 120 OR 208V C/W FUSED DISCONNECT SWITCH AS SPECIFIED

DIRECT CONNECTION - 347 OR 600V C/W FUSED DISCONNECT SWITCH AS SPECIFIED

MODULAR FURNITURE W/MP CONNECTION

MOTOR CONNECTION AS SPECIFIED

MOTOR CONNECTION C/W UNFUSED DISCONNECT SWITCH

MOTOR CONNECTION C/W FUSED DISCONNECT SWITCH

MOTOR CONNECTION C/W LOOSE STARTER

MOTOR STARTER AS SPECIFIED

UNFUSED DISCONNECT SWITCH

FUSED DISCONNECT SWITCH

HARD DRIVER

HARD DRIVER

CONTACTOR - SIZE AND NUMBER OF POLES AS SPECIFIED

RELAY

THERMOSTAT PROVIDED AND WIRED BY ELECTRICAL

THERMOSTAT PROVIDED BY MECHANICAL AND WIRED BY ELECTRICAL

CARBON MONOXIDE DETECTOR SUPPLIED AND INSTALLED BY MECHANICAL, ROUGH-IN BY ELECTRICAL

MASTER CLOCK CONTROL PANEL

CLOCK HANGER OUTLET C/W CLOCK

CLOCK HANGER OUTLET ONLY

POWER ACTIVATED DOOR OPERATOR BUTTON SUPPLIED BY DOOR HARDWARE SUPPLIER, WIRED BY ELECTRICAL

RECESSED MOUNTED - CARBON MONOXIDE CONTROL PANEL

SURFACE MOUNTED - CARBON MONOXIDE CONTROL PANEL

RECESSED MOUNTED ELECTRICAL PANEL - 'SP' DENOTES PANEL DESIGNATION

SURFACE MOUNTED ELECTRICAL PANEL - 'SP' DENOTES PANEL DESIGNATION

FIRE ALARM SYSTEM

PULL STATION - PROVIDE VANDAL PROOF 'LOC LISTED COVER ACCESSORIES WITH PULL-TYPE COVERS AND LOCAL PEZED AUDIBLE SIGNALS. - 'Y' DENOTES KEY OPERATED

FIRE ALARM HORN - WALL OR CEILING MOUNTED 'NP' DENOTES WEATHER PROOF

COMBINATION HORN/STROBE - CEILING OR WALL MOUNTED 'NP' DENOTES WEATHER PROOF

DOUBLE HORN - CEILING OR WALL MOUNTED

SPEAKER/STROBE COMBO - WALL OR CEILING MOUNTED - 'V' DENOTES INSTITUTIONAL TYPE, VANDAL AND TAMPER PROOF COVERS

FLUSH MOUNTED SPEAKER - WALL OR CEILING MOUNTED

SURFACE MOUNTED SPEAKER - WALL OR CEILING MOUNTED

FIRE ALARM SYSTEM SPEAKER SILENCE SWITCH

AUTOMATIC SYSTEM FUSED TEMP/TEMPERATURE/RATE OF RISE HEAT DETECTOR - WALL OR CEILING MOUNTED

AUTOMATIC FRED TEMPERATURE HEAT DETECTOR - WALL OR CEILING MOUNTED

SMOKE DETECTOR - WALL OR CEILING MOUNTED - 'V' DENOTES VANDAL PROTECTION GUARDING, PROVIDE ROUND EDGE WIRE GUARD

DUCT TYPE SMOKE DETECTOR WITH REMOTE ANNUNCIATION

SINGLE STATION TYPE SMOKE ALARM C/W RED INDICATION LIGHT - WALL OR CEILING MOUNTED

SINGLE STATION TYPE SMOKE ALARM/CARBON MONOXIDE DETECTOR C/W RED INDICATION LIGHT - WALL OR CEILING MOUNTED

CARBON MONOXIDE DETECTOR - WALL OR CEILING MOUNTED

SPRINKLER SYSTEM FLOW OR PRESSURE SWITCH BY MECHANICAL AND WIRED BY ELECTRICAL, COORDINATE/CONFIRM EXACT LOCATIONS AND QUANTITIES WITH MECHANICAL DRAWINGS

SPRINKLER SYSTEM OR STANDPIPE SUPERHEATED VALVE BY MECHANICAL AND WIRED BY ELECTRICAL, COORDINATE/CONFIRM EXACT LOCATIONS AND QUANTITIES WITH MECHANICAL DRAWINGS

SOLENOID VALVE BY MECHANICAL AND WIRED BY ELECTRICAL, COORDINATE/CONFIRM EXACT LOCATIONS AND QUANTITIES WITH MECHANICAL DRAWINGS

DOOR HOLDER

MOTORIZED DAMPER BY MECHANICAL AND WIRED BY ELECTRICAL COORDINATE/CONFIRM EXACT LOCATIONS AND QUANTITIES WITH MECHANICAL DRAWINGS

RECESSED MOUNTED - FIRE ALARM CONTROL PANEL

SURFACE MOUNTED - FIRE ALARM CONTROL PANEL

RECESSED MOUNTED - FIRE ALARM ANNUNCIATOR PANEL

SURFACE MOUNTED - FIRE ALARM ANNUNCIATOR PANEL

END OF LINE RESISTOR

REMOTE TROUBLE SIGNAL

COMMUNICATIONS

WALL MOUNTED COMBINATION MULTI-FUNCTION COMMUNICATION OUTLET

WALL MOUNTED COMBINATION MULTI-FUNCTION COMMUNICATION OUTLET - MOUNTED ABOVE COUNTER

TELEVISION OUTLET, 1 CABLE DROP, AND ONE DATA CABLE DROP - WALL MOUNTED OR MOUNTED ABOVE COUNTER IN A 2-GANG BOX

TELEVISION OUTLET, 1 CABLE DROP, AND ONE DATA CABLE DROP - FLUSH CEILING MOUNTED IN A 2-GANG BOX UNLESS NOTED OTHERWISE

TELEPHONE OUTLET, 1 CABLE DROP - WALL MOUNTED OR MOUNTED ABOVE COUNTER OTHERWISE

TELEPHONE OUTLET, 1 CABLE DROP - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

E-PHONE OUTLET, ONE CABLE DROP

TELEPHONE OUTLET, 1 CABLE DROP - FLUSH FLOOR MOUNTED

TERMINAL POINT OF TELEPHONE ZONE CIRCUIT ON CEILING SLAB C/W 2" (53mm) CONDUIT BACK TO TELEPHONE BACKROOM

COMMUNICATION LINE TERMINAL BOX

DATA OUTLET, 1 CABLE DROP - WALL MOUNTED OR MOUNTED ABOVE COUNTER 'M'-DENOTES MISTAKE CABLEING

DATA OUTLET, 1 CABLE DROP - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

FLUSH CEILING MOUNTED CABLE DROP, 1 CAT5A CABLE TO BE PROVIDED AT LOCATION 'M'-DENOTES WIRELESS ACCESS POINT C/W 25' SERVICE COIL IN CEILING SPACE

S-DENOTES FUTURE SPEAKER

DATA OUTLET, 1 CABLE DROP - FLUSH FLOOR MOUNTED

COMBINATION VOICE/DATA OUTLET, 2 CABLE DROPS - WALL MOUNTED OR MOUNTED ABOVE COUNTER

COMBINATION VOICE/DATA OUTLET, 2 CABLE DROPS - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE

COMBINATION VOICE/DATA OUTLET, 2 CABLE DROPS - FLUSH FLOOR MOUNTED

DOOR CHIME ACTIVATOR MOUNTED AT TOP OF DOOR FRAME

DOOR CHIME ANNUNCIATOR

INTERCOM MASTER STATION

INTERCOM STATION

FLUSH MOUNTED AUXILIARY SOUND SYSTEM SPEAKER - WALL MOUNTED OR CEILING MOUNTED

SURFACE MOUNTED AUXILIARY SOUND SYSTEM SPEAKER - WALL MOUNTED OR CEILING MOUNTED

MICROPHONE JACK

PUBLIC ADDRESS SPEAKER, TYPE 'Y' AS SPECIFIED

VOLUME CONTROL SWITCH

PROJECTION SOUND JACK

SOUND BROADCAST JACK

AMPLIFIER

CONSOLE OR RACK C/W TERMINAL BOX

POWER DISTRIBUTION

POWER TRANSFORMER

POWER TRANSFORMER C/W ELECTROSTATIC SHIELD

CURRENT CONTROL TRANSFORMER

INCOMING POWER INTERRUPTER SWITCH

DISCONNECT SWITCH

MOLDED CASE CIRCUIT BREAKER

DRAW OUT AIR CIRCUIT BREAKER

FIXED AIR CIRCUIT BREAKER

FUSE

INCOMING POWER INTERRUPTER SWITCH

KW/HP METER

DIGITAL METERING SYSTEM

BUS DUCT

AUTOMATIC TRANSFER SWITCH - 'NP'-DENOTES ISOLATION BYPASS SWITCH

EMERGENCY GENERATOR

EMERGENCY LIGHTING INVERTER

UNINTERRUPTIBLE POWER SUPPLY

ABBREVIATIONS

A - AMPERES

AC - MOUNTED ABOVE CEILING

AFCI - ARC FAULT CIRCUIT INTERRUPTER

AFF - ABOVE FINISHED FLOOR

AFG - ABOVE FINISHED GRADE

BFC - BELOW FINISHED CEILING

BFG - BELOW FINISHED GRADE

BB - BASEBOARD HEATER

BRK - BREAKER

BU - BATTERY UNIT

C - CONDUCTOR

CF - CEILING FAN

CM - COMBINATION MAGNETIC

CM FVNR - COMBINATION MAGNETIC, FULL VOLTAGE NON-REVERSABLE

CM RVNR - COMBINATION MAGNETIC, REDUCED VOLTAGE NON-REVERSABLE

DB - DIRECT BURIED

DHWH - DOMESTIC HOT WATER HEATER

DHWT - DOMESTIC HOT WATER TANK DIV. 15 PROVIDED BY DIVISION 15

DN - DOWN

DP - DISTRIBUTION PANEL

E - EXISTING

EC - EMPTY CONDUIT

EF - EXHAUST FAN

F - FLUSH FLOOR MOUNTED

FA - FIRE ALARM

FC - FOOT CHAIRLIFT

FF - FORCE FLOW

FR - FRIDGE

FU - FUSE

GFI - GROUND FAULT CIRCUIT INTERRUPTER

GW - GROUND WIRE

HP - HORSEPOWER

IS - ISOLATED GROUND

KVA - KILO VOLT-AMPERES

KW - KILOWATTS

LOB - LOCK-ON TYPE BREAKER

LP - LIGHTING PANEL

LTO - LIGHTING

LV - LOW VOLTAGE

LVR - LOW VOLTAGE RELAY

MC - METERING CENTRE

MCD - MULTI-CONDUCTOR

MD - MAIN DISTRIBUTION

MFC - MULTI-FUNCTION COPIER

MIC - MICROWAVE

MTD - MOUNTED

MTG - MOUNTING

MW - MOUNTED IN MILLWORK

NC - NORMALLY CLOSED

NIC - NOT IN CONTRACT

NL - NIGHT LIGHT

NO - NORMALLY OPEN

NTS - NOT TO SCALE

P - PUMP (WHEN USED WITH MOTOR SYMBOL)

PA - PUBLIC ADDRESS

PDU - POWER DISTRIBUTION UNIT

PH - PHASE PANEL

PNL - PP POWER PANEL

PR - PRINTER

QP - QUAD PLEX

R - RELOCATED(I)

RP - RECEPTACLE PANEL

SC - SEPARATE CIRCUIT

SS - SELECTOR SWITCH

TEL - TELEPHONE

TYP - TYPICAL

UC - UNDER COUNTER

V - VOLT

VM - VENDING MACHINE

W - WALL MOUNTED

WC - WATER COOLER

WG - WIRE GUARD

WL - WET LOCATION

WP - WEATHERPROOF

WT - WATER TIGHT

WTP - WATERPROOF

XP - EXPLOSION PROOF

BRANCH CIRCUITING LEGEND

2001-3 - 'Y' - DENOTES CIRCUIT NUMBER

'Y' - DENOTES LOCATION OF PANEL (P1 LEVEL)

'E' - DENOTES EMERGENCY PANEL

'Y' - DENOTES 120/208V OR

'V' - DENOTES 347/600V

ELECTRICAL DRAWING LIST

D8-E0-01 ELECTRICAL SYMBOL LEGEND AND DRAWING LIST

D8-E1-01 SITE PLAN - ELECTRICAL

D8-E1-02 SITE PLAN - PHOTOMETRICS

D8-E2-01 FLOOR PLAN - LIGHTING SYSTEM AND CONTROLS LAYOUT

D8-E2-02 FLOOR PLAN - LIGHTING PHOTOMETRICS

D8-E2-03 LIGHTING PHOTOMETRIC DATA

D8-E3-01 FLOOR PLAN - POWER SYSTEMS LAYOUT

D8-E4-01 FLOOR PLAN - COMMUNICATIONS SYSTEM LAYOUT

D8-E5-01 FLOOR PLAN - SECURITY SYSTEM LAYOUT

D8-E6-01 FLOOR PLAN - FIRE ALARM SYSTEM LAYOUT

D8-E7-01 LOW ROOF AND MEZZANINE PLAN - LIGHTING, POWER AND FIRE ALARM SYSTEM LAYOUT

D8-E8-01 ELECTRICAL ROOM LAYOUTS AND PART PLANS

D8-E8-02 ELECTRICAL DETAILS

D8-E8-03 ANTENNA DETAILS

D8-E9-04 LIGHTING CONTROL RISER DETAILS

D8-E9-01 LIGHTING SYSTEM DETAILS

D8-E9-01 DISTRIBUTION SINGLE LINE DIAGRAM

D8-E9-02 COMMUNICATIONS SYSTEM SINGLE LINE DIAGRAM

D8-E9-03 ACCESS CONTROL AND CCTV SYSTEMS RISER DIAGRAM

D8-E9-04 FIRE ALARM SYSTEM RISER DIAGRAM AND ZONE SCHEDULE

D8-E10-01 SCHEDULES - ELECTRICAL

FORMAL ISSUES

2018-04-30 ISSUED FOR 100% CD

2018-09-25 ISSUED FOR SPA

2018-11-06 ISSUED FOR 50% CD

2018-11-20 SITE PLAN FIRST SUBMISSION

2018-01-22 ISSUED FOR 100% CD

2018-01-23 SITE PLAN SECOND SUBMISSION

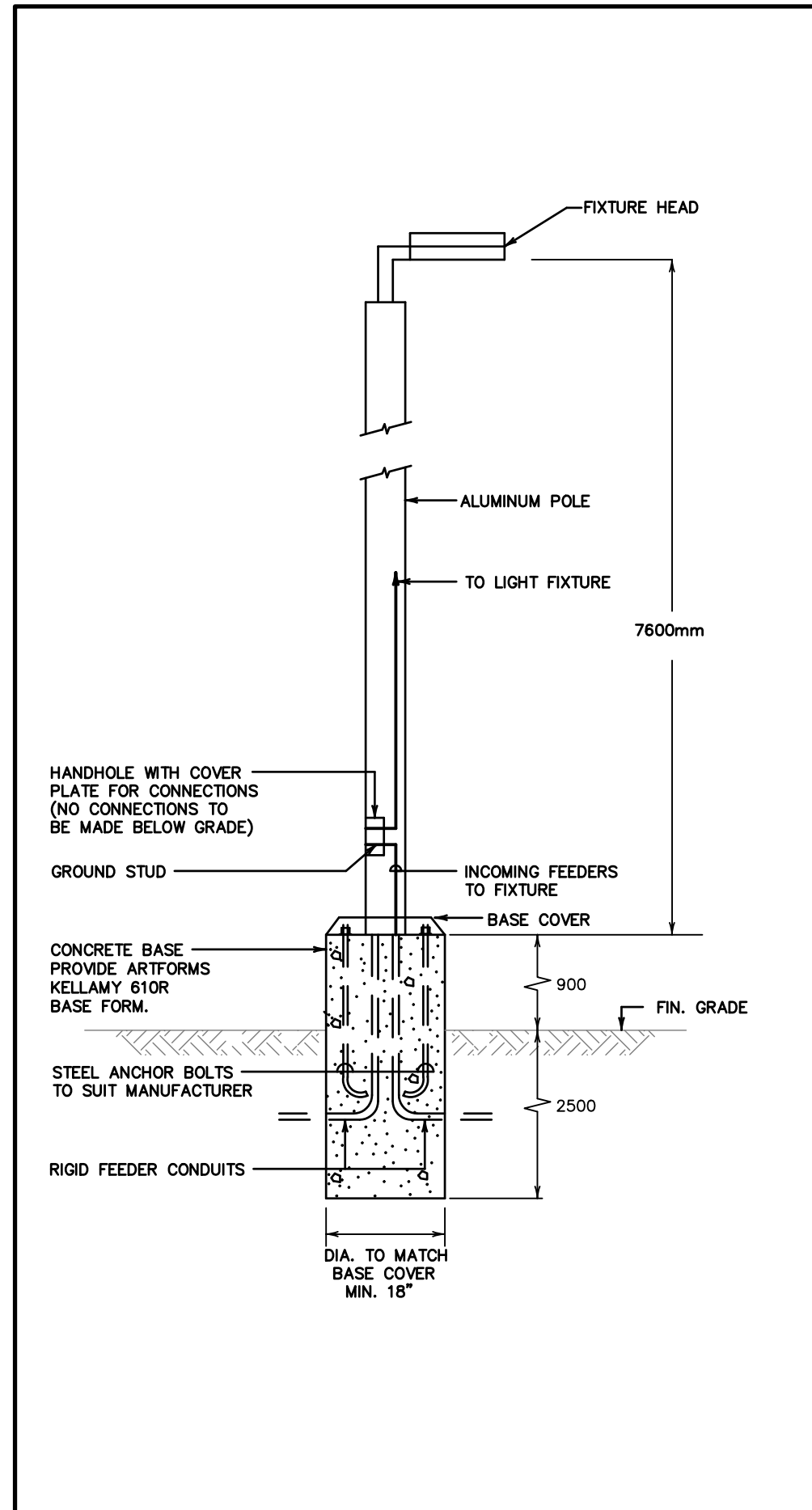
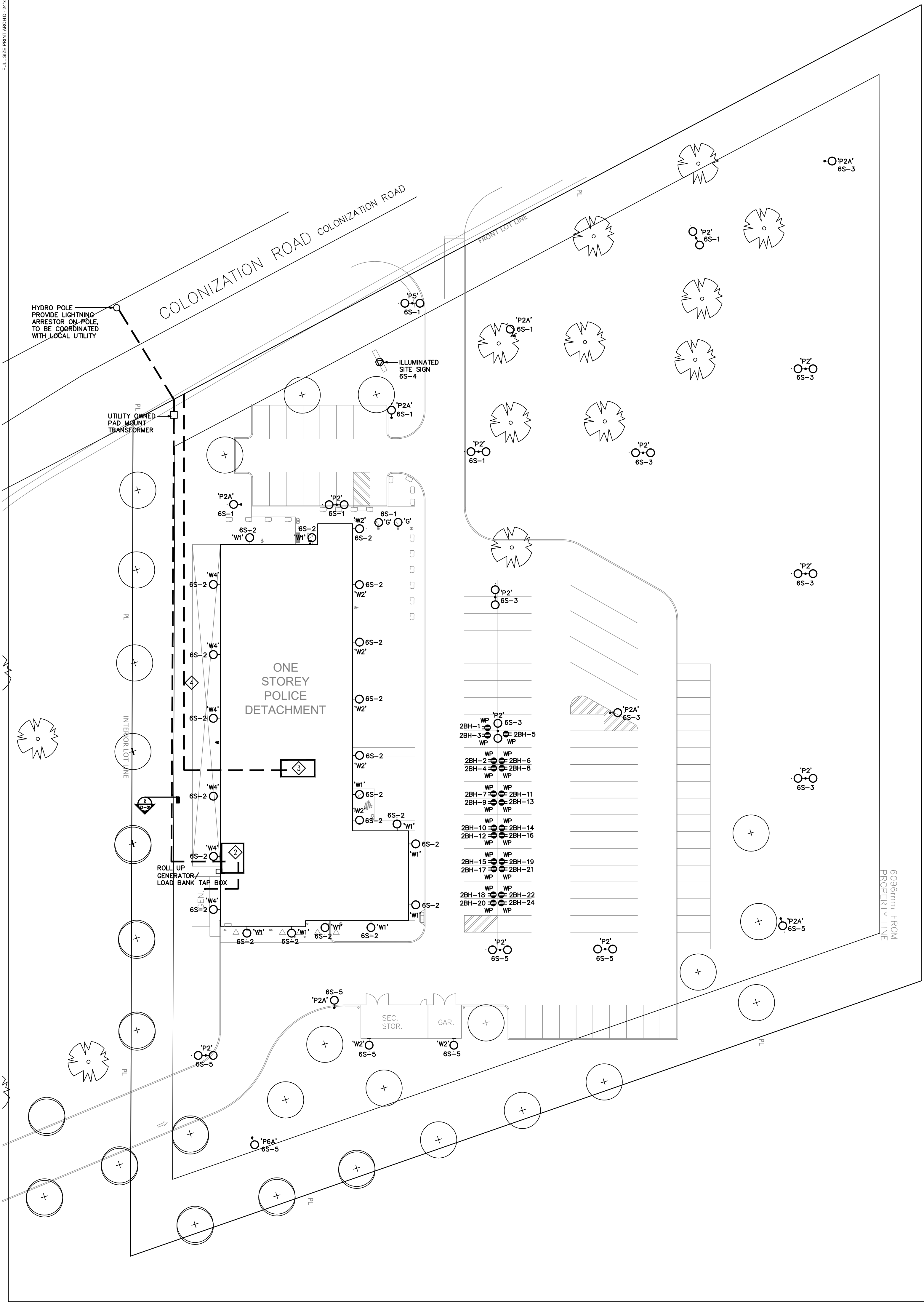
GENERAL NOTES:

1. MINIMUM CONDUIT SIZE SHALL BE 21mm UNLESS NOTED OTHERWISE.

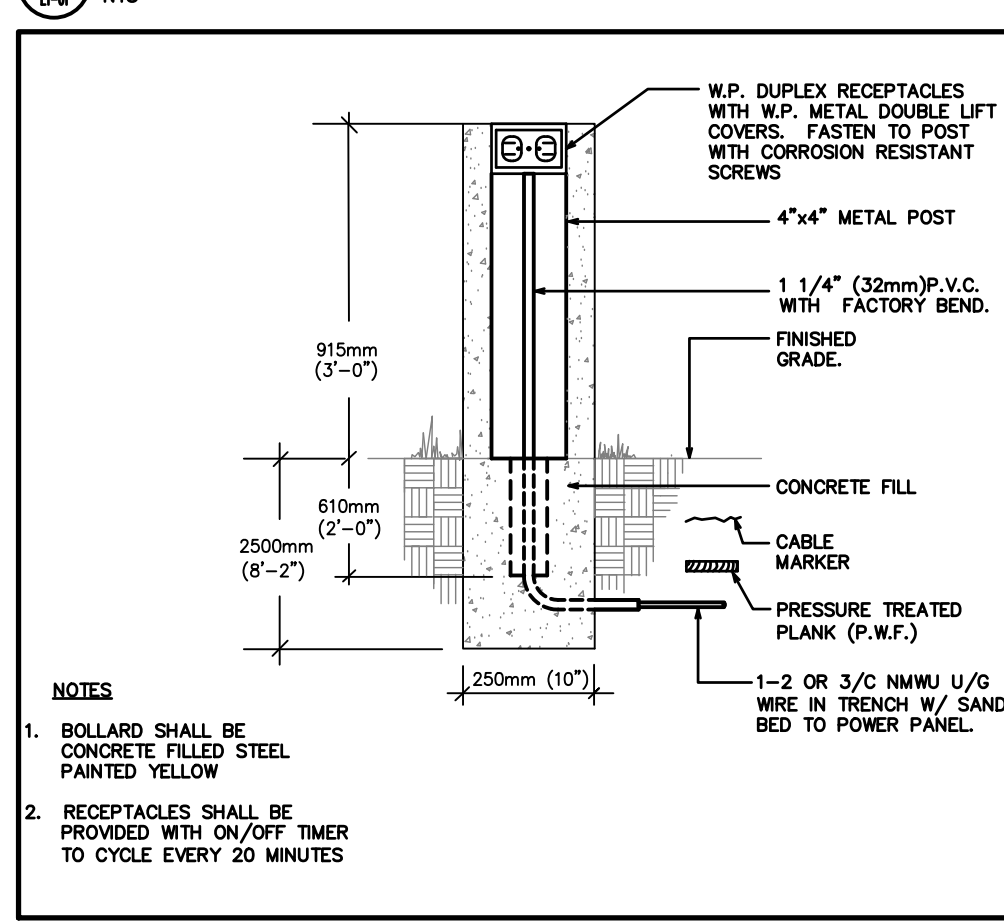
2. MOUNTING HEIGHT OF ALL EQUIPMENT/DEVICES SHOWN IN SYMBOL LEGEND ABOVE SHALL BE MEASURED WITH RESPECT TO THE CENTER OF THE RELATED EQUIPMENT/DEVICE.

3. PROVIDE LOCKABLE ENCLOSURES WITH COMMON KEY ON ALL STARTERS AND DISCONNECT SWITCHES LOCATED IN PUBLIC AREAS. KEYS SHALL BE HANDLED OVER TO OWNER AT END OF PROJECT.

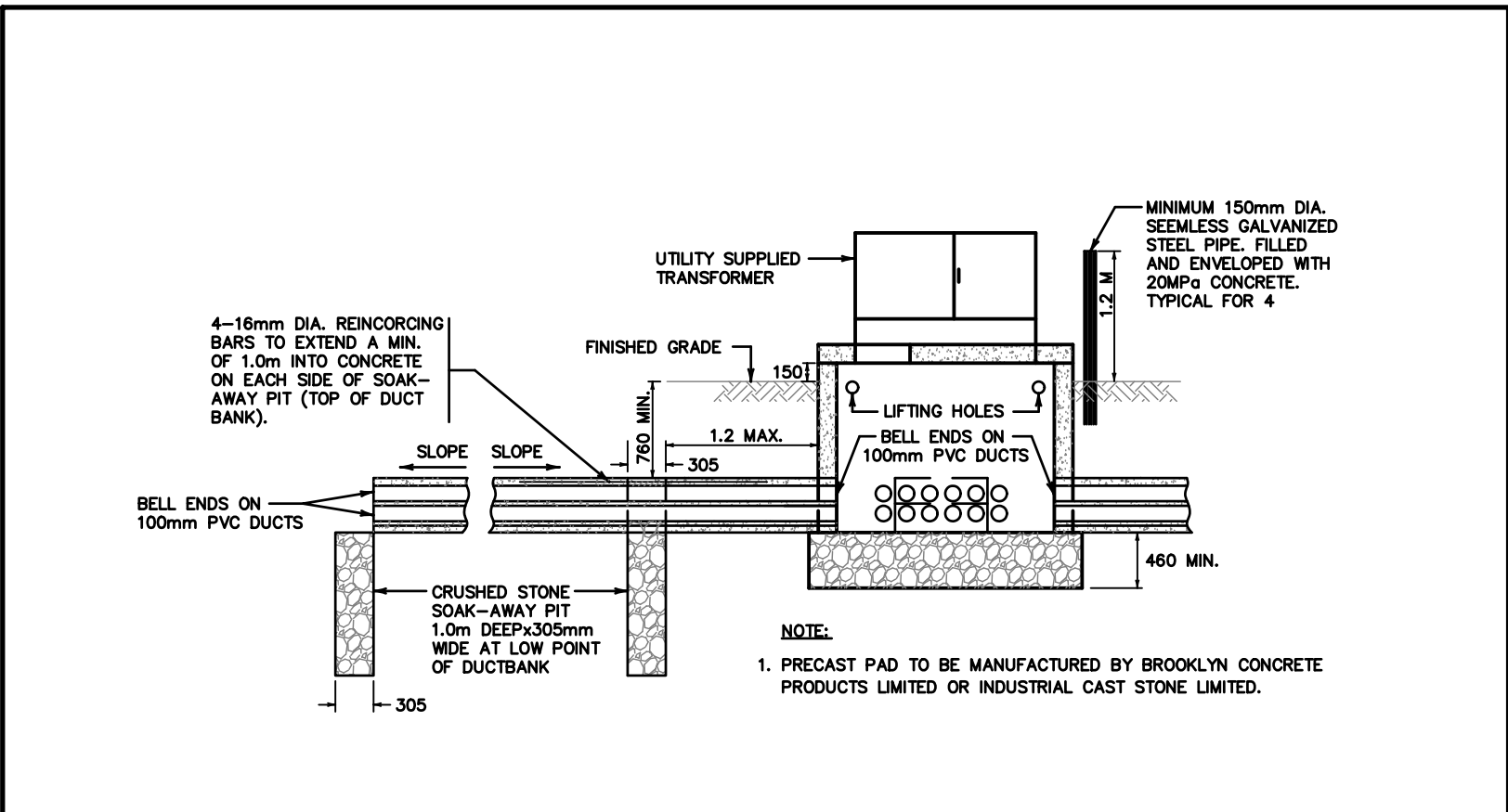
4. PROVIDE A SEPARATE GROUND WIRE IN ALL PVC AND EMT CONDUITS FOR EQUIPMENT BONDING.



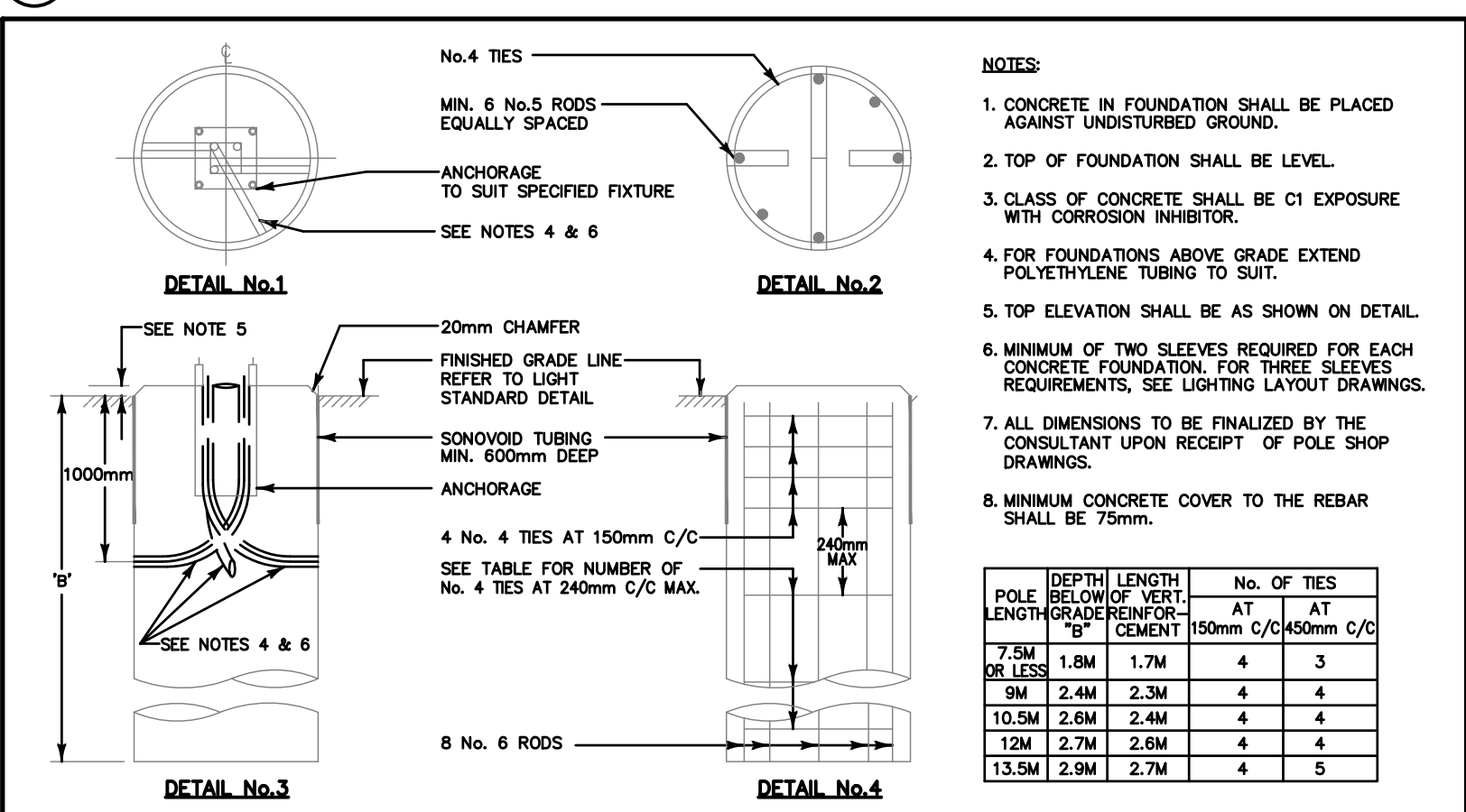
6 LIGHT STANDARD DETAIL - 25' POLE



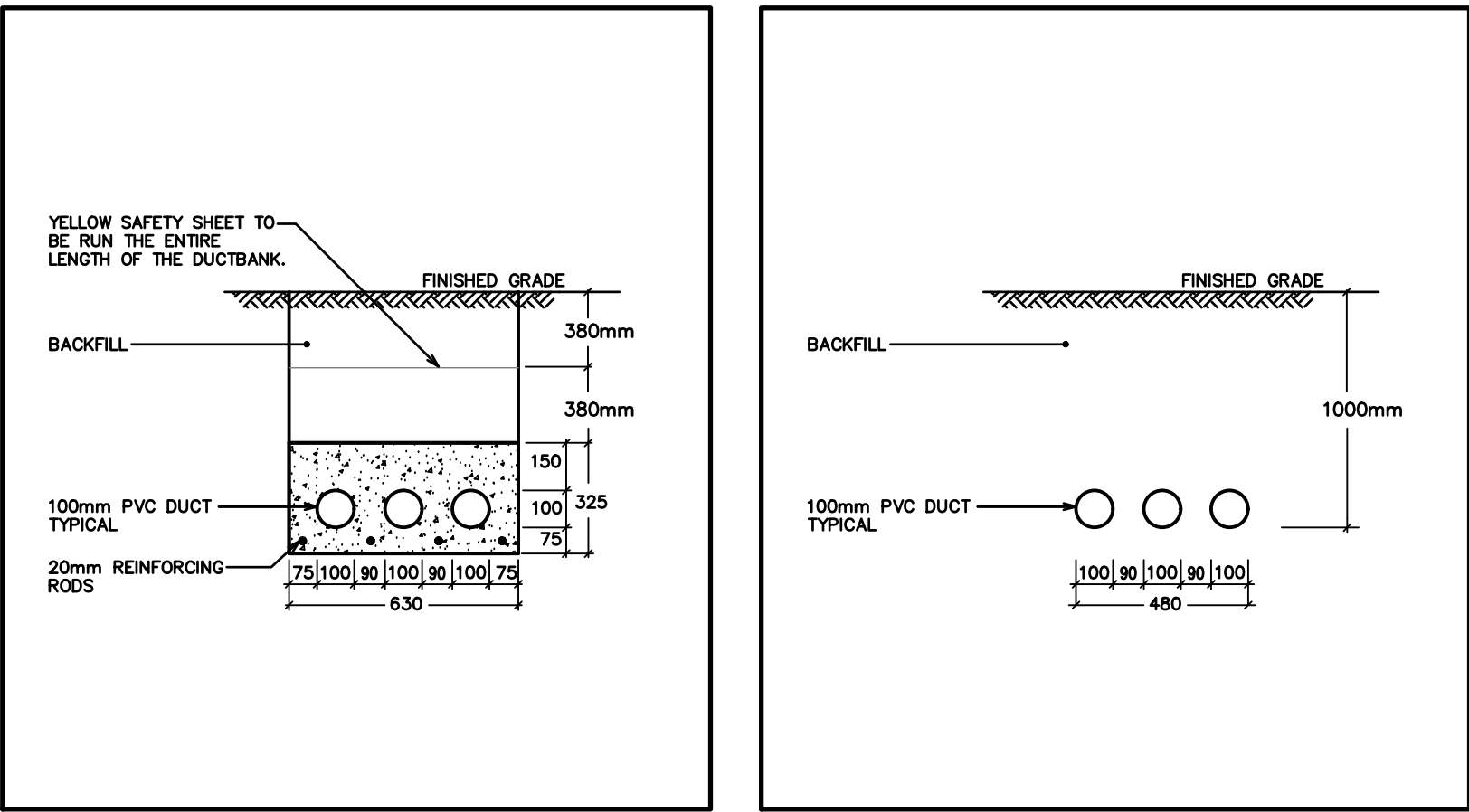
5 PARKING RECEPTACLE PEDESTAL MOUNTING DETAIL



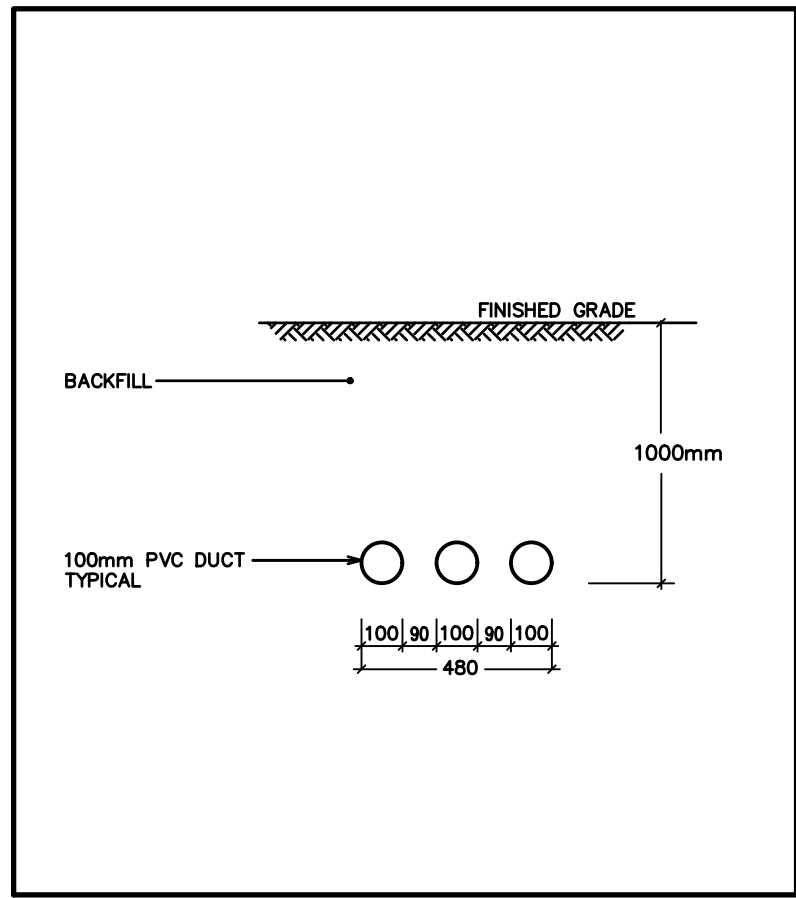
4 SECTION THROUGH TRANSFORMER PRECAST PAD AND DUCTBANK



3 POLE AND BASE DETAIL



2 SECONDARY DUCTBANK SECTION A-A



1 UNDERGROUND CONDUITS FOR INCOMING GENERATOR FEED



- NOTES:**
- 200kW 347/600V DIESEL GENERATOR IN WEATHER PROOF SOUND ATTENUATED ENCLOSURE. GENERATOR SHALL COME COMPLETE WITH INTEGRAL DAY TANK SUITABLY SIZED TO ALLOW FOR 72 HOURS OF CONTINUOUS RUN TIME
 - OUTLINE OF MAIN ELECTRICAL ROOM
 - OUTLINE OF VOICE DATA ROOM
 - 3 - 100MM BURIED PVC CONDUITS, TERMINATE TO SUIT LOCAL AUTHORITY. CONTRACTOR SHALL PROVIDE ONE (1) 12-STRAND FIBRE AND ONE (1) 50-PAIR COPPER FOR BELL TO PULL INTO THE SITE.
 - RESERVED
 - SITE LIGHTING SHALL BE CONNECTED TO LOW VOLTAGE LIGHTING CONTROL SYSTEM. CONTROL SHALL BE A COMBINATION OF PROGRAMMED TIME OF DAY SCHEDULES AND THROUGH A PHOTOCELL INSTALLED ON THE NORTH SIDE OF THE ROOF. A MANUAL OVERRIDE SWITCH SHALL BE PROVIDED WITHIN THE INTERIOR OF THE BUILDING AT A LOCATION TO BE COORDINATED. THE MANUAL OVERRIDE SWITCH SHALL BE CAPABLE OF CONTROLLING BOTH EXTERIOR SITE LIGHTING AND ILLUMINATED SIGNAGE.

No.	Issue / Revisions	Date
A	100% DD PRELIMINARY UPLOAD	2018-08-14
B	100% DESIGN DEVELOPMENT	2018-08-30
C	SITE PLAN APPROVAL	2018-09-25
D	PRELIM 50% CD	2018-10-11
E	50% CONSTRUCTION DOCUMENTS	2018-11-05
F	SITE PLAN FIRST RESUBMISSION	2018-11-20
G	100% CD PRELIMINARY UPLOAD	2019-01-04
H	ISSUED FOR 100% CD	2019-01-22
I	SITE PLAN SECOND RESUBMISSION	2019-01-23

STAMP:		NORTH:

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CLIENT:  

PROJECT: **ONTARIO PROVINCIAL POLICE MODERNIZATION PROJECT: PHASE 2**

D8 - FORT FRANCES DETACHMENT

PROJECT LOCATION: **200 MCIRVINE RD, FORT FRANCES, ON P9A 3S3 CANADA**

DRAWING TITLE: **SITE PLAN - ELECTRICAL**

Scale:	1:400	REF DWG: E0-02
Project No:	7571A	DWG NO:
Drawn By:	CD	
Checked By:	JS	

D8-E1-01

