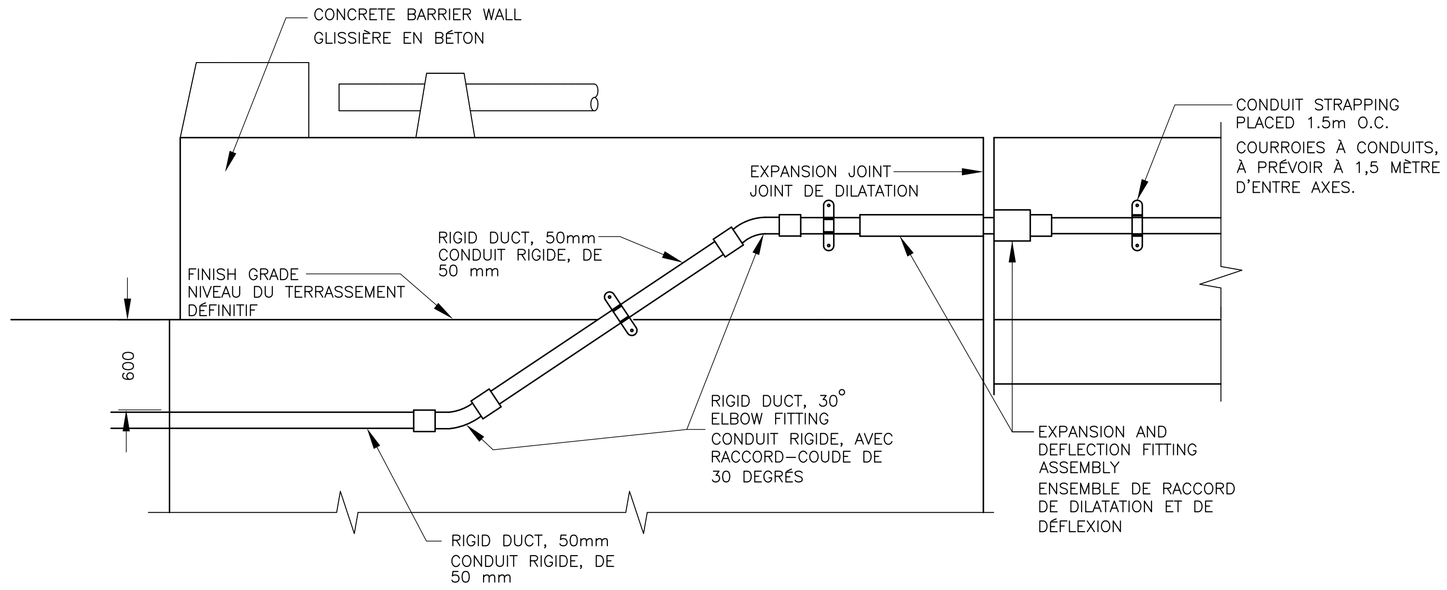
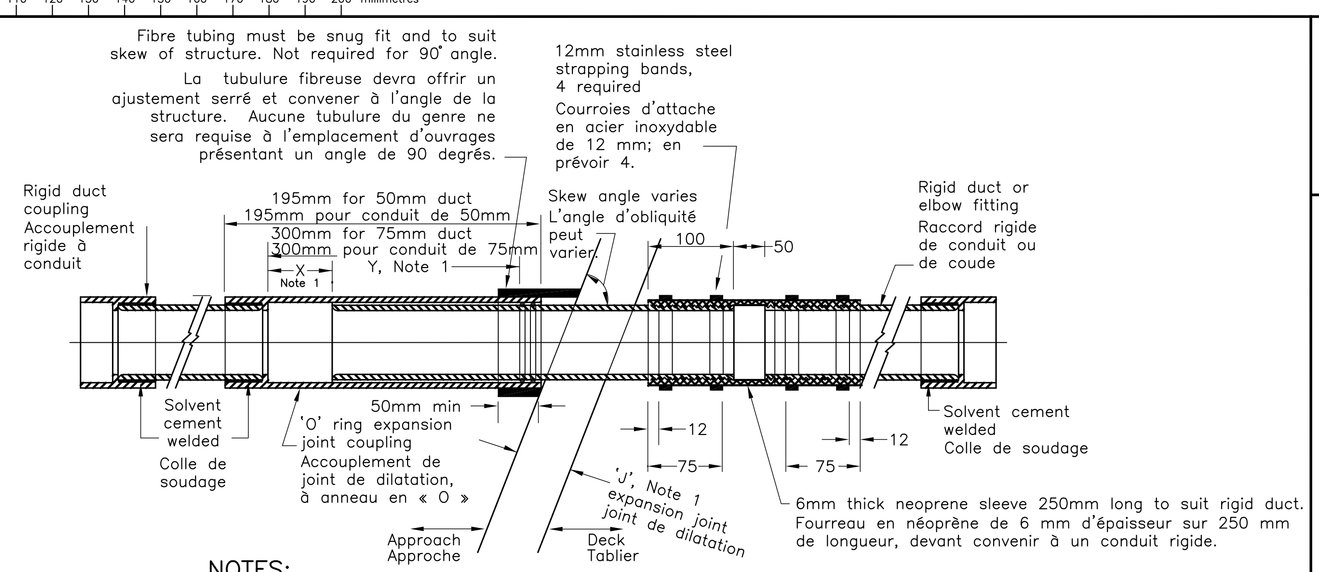


TYPICAL ELECTRICAL SURFACE MOUNTED WORK DETAIL
DÉTAIL TYPIQUE – TRAVAUX D'ÉLECTRICITÉ DE MONTAGE EN SURFACE

N.T.S. / P. À É.



NOTES:

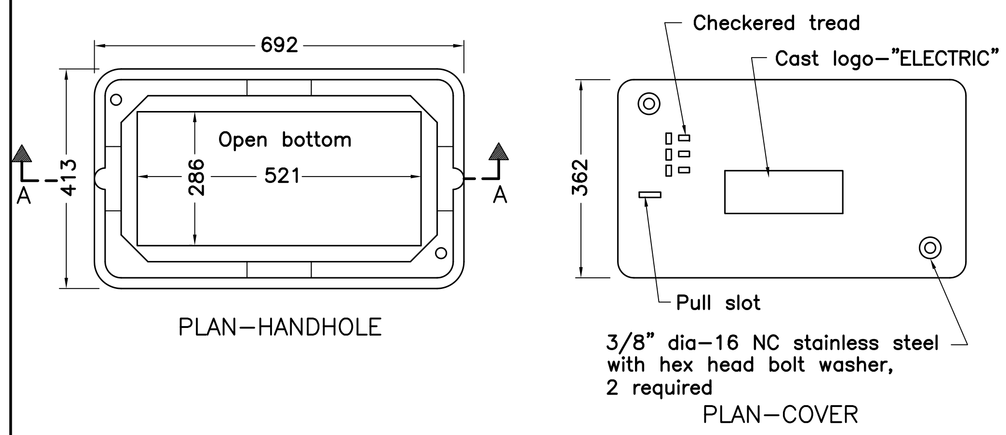
1 Refer to structural expansion joint drawings for 'J' dimensions. X='J' at installation temperature – Min 'J' + 25, mm min, Y=Max 'J' – Min 'J' + 50, mm min.

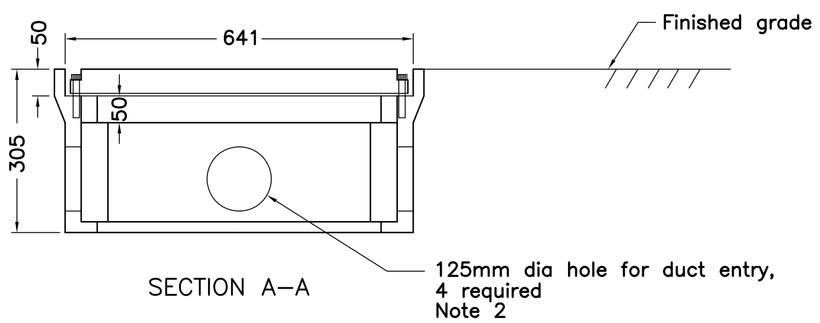
Se reporter aux dessins de charpente qui portent sur des joints de dilatation afin de retrouver les dimensions 'J'. X = 'J', compte tenu de la température d'installation. – J' min. + 25 mm au moins. Y = 'J' max. – 'J' min. + 50 mm au moins.

EXPANSION AND DEFLECTION FITTING ASSEMBLY
ENSEMBLE DE RACCORD DE DILATATION ET DE DÉFLEXION

FOR 50mm AND 75mm RIGID DUCTS
POUR DES CONDUITS RIGIDES DE 50 ET DE 75 mm

N.T.S. / P. À É.





NOTES:

1 Concrete collar not required when handhole installed in concrete pavement or sidewalk.

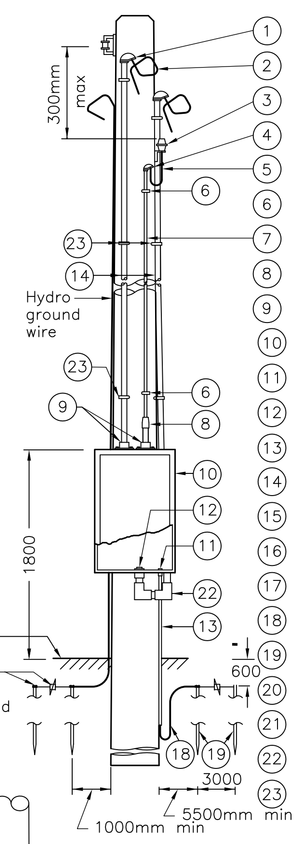
2 For installation of ducts see MTOD–2123.03.

A For general installation details refer to OPSD–2117.02.

B All dimensions are in millimetres or metres unless otherwise shown.

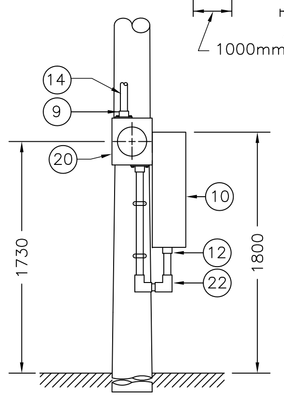
C Handhole shall meet ANSI/SCTE77–2007 tier 22 load rating.

ONTARIO PROVINCIAL STANDARD DRAWING	Date	–	Rev	
ELECTRICAL HANDHOLE POLYMER CONCRETE 350mm x 585mm	Modified : Aug. 2013 By : Delcan			



1 Service entrance fitting, 50mm, rigid PVC
2 1.0m coil of cable for connection to incoming supply
3 Photoelectric controller with bracket
4 Service entrance fitting, 25mm, rigid PVC
5 3 No.12 AWG, low voltage cable
6 Clamp for, 25mm, rigid PVC
7 Conduit, 25mm, rigid PVC
8 Reducing adapter, 50mm to 25mm, rigid PVC
9 Meter hub, 50mm, rigid PVC
10 Supply control cabinet
11 Terminal adapter and locknut, 20mm, rigid PVC
12 Terminal adapter and locknut, 50mm, rigid PVC
13 Conduit, 20mm, rigid PVC
14 Conduit, 50mm, rigid PVC
15 Standard 90° elbow, 50mm, rigid PVC
16 Adapter coupling, 50mm
17 Conduit , 50mm, polyethylene or steel as indicated
18 Ground wire, Note 1
19 Ground rod, Note 1
20 Meter base, 100A, 600V
21 Expansion coupling.
22 Access fitting Type LB, 50mm rigid PVC
23 Clamp for, 50mm, rigid PVC

OVERHEAD SERVICES



DETAIL OF METER BASE

NOTES:

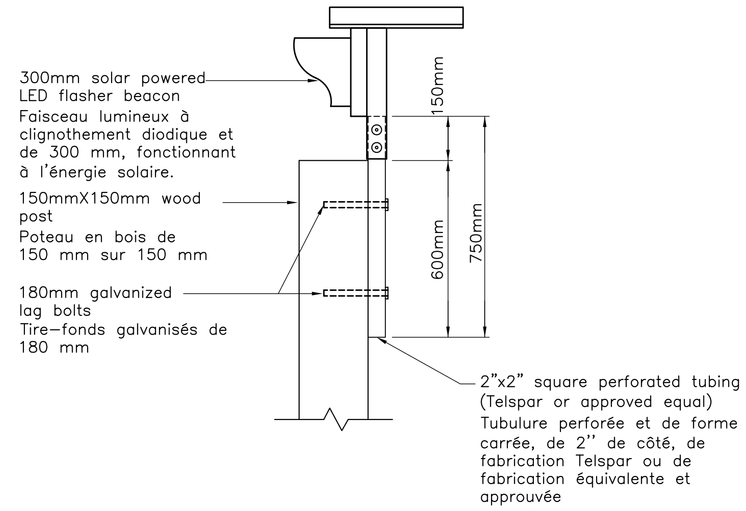
1 Number of ground rods and size of ground wire shall be as indicated in the contract.

A The meter base (if required) shall be bonded in conformance with the requirements of the Electrical Safety Authority. Meter base shall be placed on the side of the pole that is most accessible to the supply authority.

B For supply control cabinet schematic wiring diagram refer to MTOD–2440.010.

C All dimensions are in millimetres unless otherwise shown.

MINISTRY OF TRANSPORTATION ONTARIO DRAWING	February 2005	Rev	1
SUPPLY CONTROL CABINET INSTALLATION OVERHEAD SERVICES BOTTOM ENTRY	Modified : Aug. 2013 By : Delcan		
	MTOD–2130.012M		



SOLAR POWERED LED FLASHING BEACON
FAISCEAU LUMINEUX À CLIGNOTEMENT DIODIQUE ET FONCTIONNANT À L'ÉNERGIE SOLAIRE

N.T.S. / P. À É.

ISSUED FOR CONSTRUCTION
ÉMIS POUR CONSTRUCTION
Nov 2013

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

Delcan

revision		
04		
03		
02		
01		
	ISSUED FOR CONSTRUCTION ÉMIS POUR CONSTRUCTION	NOV 2013

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.
Ne pas se servir des présents dessins pour prélever des mesures à l'échelle. Vérifier toutes les dimensions et conditions sur place et faire part de toute contradiction à l'ingénieur.

A Detail No. n° du détail
B drawing no. – where detail required dessin n° – besoin de production d'un détail
C drawing no. – where detailed dessin n° – selon les indications du détail

project title / titre du projet
PEMBROKE (ONTARIO)
ÎLES AUX ALLUMETTES ISLAND (QUÉBEC)
DES ALLUMETTES BRIDGE
SINGLE–LANE TRAFFIC IMPLEMENTATION
MISE EN VIGUEUR D'UN PLAN DE CIRCULATION À UNE SEULE VOIE

drawing title / titre du dessin
ELECTRICAL DETAILS
TRAVAUX D'ÉLECTRICITÉ – DÉTAILS

drawn by / dessiné par: RWO
designed by / conçu par: PG
approved by / approuvé par: AB
tender / soumission: PWGSC/TPSGCC
project manager / administrateur de projets
project date / date du projet: 2013/11/19
project no. / projet n°: R.067361.001
drawing no. / dessin n°: EL03