

-
- Item 1** Specifications Section 06400 Architectural Woodworking
Part 2 - Products,
Add a new paragraph - "**2.2a Melamine Faced Lamination Grade Combination Panel**
1. To CAN3-0.188.1-M78, Grade "R" Fibreboard sanded faces, 13 mm, 16 mm, and 19 mm thickness, faced with laminated plastic. Melamine resin impregnated cover sheet with coloured and/or pattern paper inner layer. Thermally fuse to rigid OSB core with outer plies of hardwood veneer cross bands substrate. Melamine faces shall be 8 mil thickness. Pattern to be chosen by Consultant from manufacturer's full range. Allow for up to two colours from full range of manuf. selection.
NOTE: interior of all millwork cabinets MUST match exterior Melamine colour. WHITE interiors will not be acceptable.

.1 Acceptable Material: Melamine as manufactured by Eldorado, Flakeboard, Formica or Arborite Division of Domtar Construction Materials Ltd., are of acceptable quality but colour/pattern requires approval prior to confirmation of full acceptance."
- Part 2 paragraph **2.1 Materials**
Add a new sentence 6 – "Particle Board core: to CAN3-0188.1-M, Grade R, 720 kg/m3 density in thicknesses indicated."
- Item 2** Specification Section 07615 Preformed Metal Siding and Soffits
Part 2 paragraph **2.1 Materials**
Add a new sentence 11 – "Siding profile VicWest Steel "Corrugated Sheet -21mm for parapet walls as indicated on drawings.
- Item 3** In details 3/A4.10 and 2/A4.40, delete "38mm prefinished metal siding" and replace with "21mm prefinished metal siding"
- Item 4** Specification Section 07516 SBS Modified Bituminous Membrane Roofing
Part 3 Execution
Delete paragraph 3.6 "Metal Deck Corrosion" and replace with "**3.6 Sheathing / Thermal Barrier (Metal Deck)**
1. Where required by Consultant, clean existing superficial corrosion from metal deck by scraping, abrasive brushes or grinding, to expose clean metal and apply two coats of primer.
 2. Fasten sheathing to decking with adequate structural support. Install only quantity of thermal barrier which can be covered with vapour retarder the same day.
 3. Install roof boards with long edges bearing on and parallel to top flutes, so that edges are supported.

-
4. Stagger roof board end and edge joints minimum 150mm.
 5. Where slopes change, boards will be cleanly cut (avoid breaking boards) to acquire deck shape. Place boards perpendicular to deck for continuous support at extremities.
 6. Board joints will be staggered, at half-length, and perfectly butted. Joints will be sealed with heat-resistant tape in both directions to prevent any asphalt leakage in finished areas where required by the Consultant.
 7. Firmly butt each board to surrounding boards. Do not jam or deform boards. Cut and fit boards where roof deck intersects vertical surfaces. Damaged boards (broken edges, cracks or wet boards) are not acceptable.”

Item 5 Specification Section 00300 Geotechnical Investigation
Add “Borehole Location Plan”

Item 6 Specification Section 01020 Cash Allowances and Contingency Allowances
Paragraph 2 “Cash Allowances”
Delete item 13 and replace with “Include in the Stipulated Price quoted, a Cash Allowance in the amount of **Fifty Three Thousand Dollars, \$53,000**
To be allocated as follows:
.1 Supply only of Hardware required. To include for installation of Automatic Door Operators as noted on plans.
.2 For Inspections and Testing of backfill and compaction, concrete, steel, reinforcing, roofing, waterproofing, air barrier and soil chemical analysis.”

Electrical

Refer to attached Electrical Addendum No. E1 including drawings SK-E01-1, SK-E05-1, and SK-E05-2 Issued by NRG Consultants Inc dated October 6, 2023

Questions and Answers

Question 1

E01 Electrical Note #19.1: Confirm what is included in the cash allowance of \$25,000 for hydro connection of power service.

Answer 1
Refer to electrical addendum E1.

Question 2

E01 Electrical Note #19.2: Confirm what is included in the cash allowance of \$5,000 for Fiber Optic Cable Connection.

Answer 2

Refer to electrical addendum E1.

Question 3

E01 Electrical Note #19.3: Confirm what is included in the cash allowance of \$5,000 for Bell Telephone Cable Connection.

Answer 3

Refer to electrical addendum E1.

Question 4

Drawing E02 Duct Bank Note #9 explains the requirement for rebar. Confirm if rebar is required as the duct bank is filled with sand and the rebar not shown on the Section CC detail on the same drawing.

Answer 4

Refer to electrical addendum E1.

Question 5

Drawing E03, Ground Floor Lighting – Are there cove fixtures in room 102 designated with type S4 and S5? If so, provide specification.

Answer 5

Refer to electrical addendum E1.

Question 6

To what extent is the electrical division to include for the Communications System? Per the drawings we are to provide the CAT 6 cabling, terminations, and testing. What is not clear is who will be supplying the IT Rack / Enclosure, Patch Panel, Patch Cords and Accessories.

Answer 6

Refer to electrical addendum E1.

Question 7

Confirm if Rigid PVC or DB2 is to be used for the duct bank from the Admin Building Utility Room to the Crematorium.

Answer 7

Refer to electrical addendum E1.

Question 8

Is a Coordination, Short Circuit or ARC Flash Study required?

Answer 8

Refer to electrical addendum E1.

Question 9

Is Integrated Life Safety Testing required?

Answer 9

Refer to electrical addendum E1.

Question 10

Is 3rd Party Fire Alarm Verification required?

Answer 10

Refer to electrical addendum E1.

Question 11

Confirm the Scale is 1:150 on E01.

Answer 11

Refer to electrical addendum E1.

Question 12

Confirm the Scale is 1:400 on E02.

Answer 12

Refer to electrical addendum E1.

Question 13

Confirm the Scale is 1:50 on E03.

Answer 13

Refer to electrical addendum E1.

Question 14

Specification 07250 notes that fireproofing is to be applied to all structural steel with Floor Loads, as well as intumescent paint. I could not find on the drawings where this scope of work is required, can you please confirm where, if any the fireproofing is required?

Answer 14

The roof does not require a fire resistance rating and as such all supporting members (vertical and horizontal) do not require a fire resistance rating. As noted in detail 1/A5.00, the column at gridline Ea/3 requires a 2 hr fire rating as its surface is exposed in office 103.

Question 15

With reference to the new Light Pole bases and Bollards (for lighting) there are no details found in the electrical drawings. Kindly provide these details

Answer 15

Refer to electrical addendum E1.

Question 16

section MM-05 detail and plan Is this the small bench in the shower stall area Rm # 106B

Answer 16

Yes.

Question 17

Elevation AD 602 what is (MFP) Mean?

Answer 17

Millwork filler panel as indicated in note on the same page.

Question 18

is carcass material the melamine face with plywood core material?

Answer 18

The carcass of the millwork is to be melamine panels. Refer to Item #1 for melamine specification.

Question 19

Are doors in kitchen and work room and washrooms , plywood core with Arborite velvetex or suede?
Do you have a #?

Answer 19

Millwork cabinet bodies to be constructed of melamine panels. Refer to item #1 for melamine specification.

Question 20

What colour melamine is to be selected for interior this can carry a different price depending on colour selected or qty may also be required if not stocked, actual colour selections would greatly help to quote the project competitively It would be most helpful to identify PL-1 PL-2 PL-3 finishes and Mel-1

Answer 20

Interior melamine colour is to match the exterior colour. Melamine and plastic laminate colours to be provided after tender award.

Question 21

What is the finish /core of the shelf above coat rod AD 604

Answer 21

Shelf above the coat rod in AD 604 is to be a melamine panel with an OSB core.

Question 22

Please advice the required profile for metal siding as highlighted below (Detail 3/A4.10)

Answer 22

Refer to items #2 and 3 for the profile of the siding on the inside face of the high parapets.

Question 23

Drawings and specification's materials call for ½" DensDeck as deck overlay, but the specs execution does not mention a Deck overlay. Please confirm if the roof assembly must have a deck overlay.

Answer 23

Refer to item #4 above for metal deck overlay board installation.

Question 24

Are we to assume HD asphalt everywhere?

Answer 24

HD asphalt will be used for all roads.

Question 25

North, East and West Building Elevations states brick type "A"; however, South building elevation states brick type "1". Please clarify if there are two different types of brick required. Spec refer only to brick type "A".

Answer 25

The brick type '1' on the south elevation is to be brick type 'A'.

Question 26

South and East Building Elevations states Architectural Stone; however, West Elevation (which wrongly named as South Elevation) states brick type "B" for the same hatch that identifies architectural stone on South and East Building Elevations. Please clarify if West elevation should receive architectural stone instead brick type B. Spec does not refer to any brick type B.

Answer 26

The brick type 'B' denoted on the West elevation (2/A3.01) is to be the same architectural stone denoted on the south and east elevations.

Question 27

Please clarify if metal siding is required at a back of the high roof parapet that runs along gridline 3.

Answer 27

The back of the high roof parapet along gridline 3 does not require siding. The back of this wall is to be finished in the same method as the parapet wall along gridline 5 (Detail 5/A4.40)

Question 28

Circulation Area 110 has two accordion doors. These two doors are not stated in the door schedule. Are these accordion doors the same as folding partition in Viewing Room 109? If yes, please clarify if storage space should be built for these two doors as in Viewing Room 109. If those two doors are not folding partitions, please provide details for the two doors in Room 110.

Answer 28

As indicated in the specification, the same folding partition is to be used in rooms 109 and 110. Storage spaces for the partitions is not required in Room 110.

Question 29

Section 00200 indicates 5 prequalified Civil work contractors.

Could you indicate the scope of work that must be performed by these trades, as there are many items under "civil" for this project.

Answer 29

Our interpretation would be all work that falls under SLA's design Drawings and reports.

Question 30

Mechanical drawings state to contact gas services with the reference number. Normally utility company never provides GC with their quote during tender to bring services in. Project documents do not provide any cash allowance for gas work by utility company. Mechanical drawings indicate \$7,000 cash allowance for mechanical system and \$7,000 cash allowance for Division 15. Please clarify who is responsible for the cost of gas line that runs from the road to the building.

Answer 30

Enbridge is completing the gas service up to the building, costs have been paid. There is only one cash allowance, \$7,000.00, the total of all division 15 cash allowances is \$7,000.00.

Question 31

Please clarify \$7000 cash allowance for mechanical system and \$7,000 for Division 15. What exactly those allowances would cover?

Answer 31

There is only one cash allowance, \$7,000.00, the total of all division 15 cash allowances is \$7,000.00. As per the cash allowance spec. section, the cash allowances are considered to be for work that is not defined or detailed on the drawings and specifications

Question 32

Please clarify the asphalt paving composition including sub-base and base. Drawings do not provide any details. Specifications and Geotechnical Report provide contradicting information.

Answer 32

Refer to detail 1/A1.20 for the composition of the heavy duty asphalt to be used.

Question 33

Please clarify if the same asphalt composition, sub-base, and base should be used for parking stalls and fire route.

Answer 33

Refer to question #24 above

Question 34

Is it possible to get a map for the exact location of boreholes? Geotechnical report states that boreholes 6 and 10 were drilled within location of a proposed crematorium. Borehole 10 was dry upon completion of drilling, but borehole 6 had water in October 24, 2013 at 2.4m below ground surface,

and in November 12, 2013 at 1.1m below ground surface. Foundation depth is 1.350m. We need to know if borehole 6 is within the building footprint. Also, would you be able to comment on the flow of underground water since foundation of the administrative building was already completed.

Answer 34

Refer to item#5. As per the enlarged site plan (A1.10) and the borehole location plan, BH 6 is located just outside of the southeast corner of the building.

Question 35

Roof ladder at detail 2 dwg. A2.10, what materials and finishes are the mounting supports? Is it by us or by others? What type of fasteners included?

Answer 35

All material for the roof ladder is to be galvanized steel. Roof ladder is to be supplied by the miscellaneous metals supplier under the General Contractor.

Question 36

Bollards at detail 6 dwg. A1.20, it indicates painted what is the exact paint finishes? Is it to be hot dipped galvanized? Please clarify.

Answer 36

The bollards shown in detail 6/A1.20 are to be galvanized and painted "Safety" Yellow (Sherwin Williams SW4084 or similar)

Question 37

Change Room Bench support at dwg. AD 601, it indicates painted what is the exact paint finishes? Is it to be hot dipped galvanized or primed since it's inside? Please clarify.

Answer 37

Bench support is to be primed and painted black.

Question 38

Would there be clear access in the site for our field installation and freights?

Answer 38

The general contractor will be responsible for providing and maintaining a temporary construction access road from Lower Base Line Rd. The contractor will be responsible for removing the top soil from the proposed construction access road and for the construction of the road.

Question 39

Please clarify if the smoke detectors as noted need to be tied into a central monitoring system.

Answer 39

Refer to electrical addendum E1.

Question 40

Is there any base building Security, Fire Alarm, BAS contractors?

Answer 40

Refer to electrical addendum E1.

Question 41

Is the cost of Enbridge Gas to be included in the GCs tender?

Answer 41

Refer to question 30 above.

Question 42

Due to the Rules and Regulation changes in regards to soils, please confirm if there is an up to date Soil Report as the one noted in the documents state it was completed in 2014?

Answer 42

No updated soils report is available..

Question 43

Has a chemical analysis been completed to determine what table the soils meet? If not please confirm if this testing is to be carried by the contractor or if a cash allowance can be added to address this?

Answer 43

Chemical analysis of the soil has not been conducted. Testing of the soil is to be carried out under the testing and inspections cash allowance. Refer to item #6 above.

Question 44

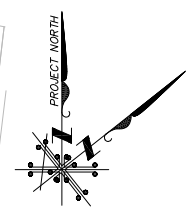
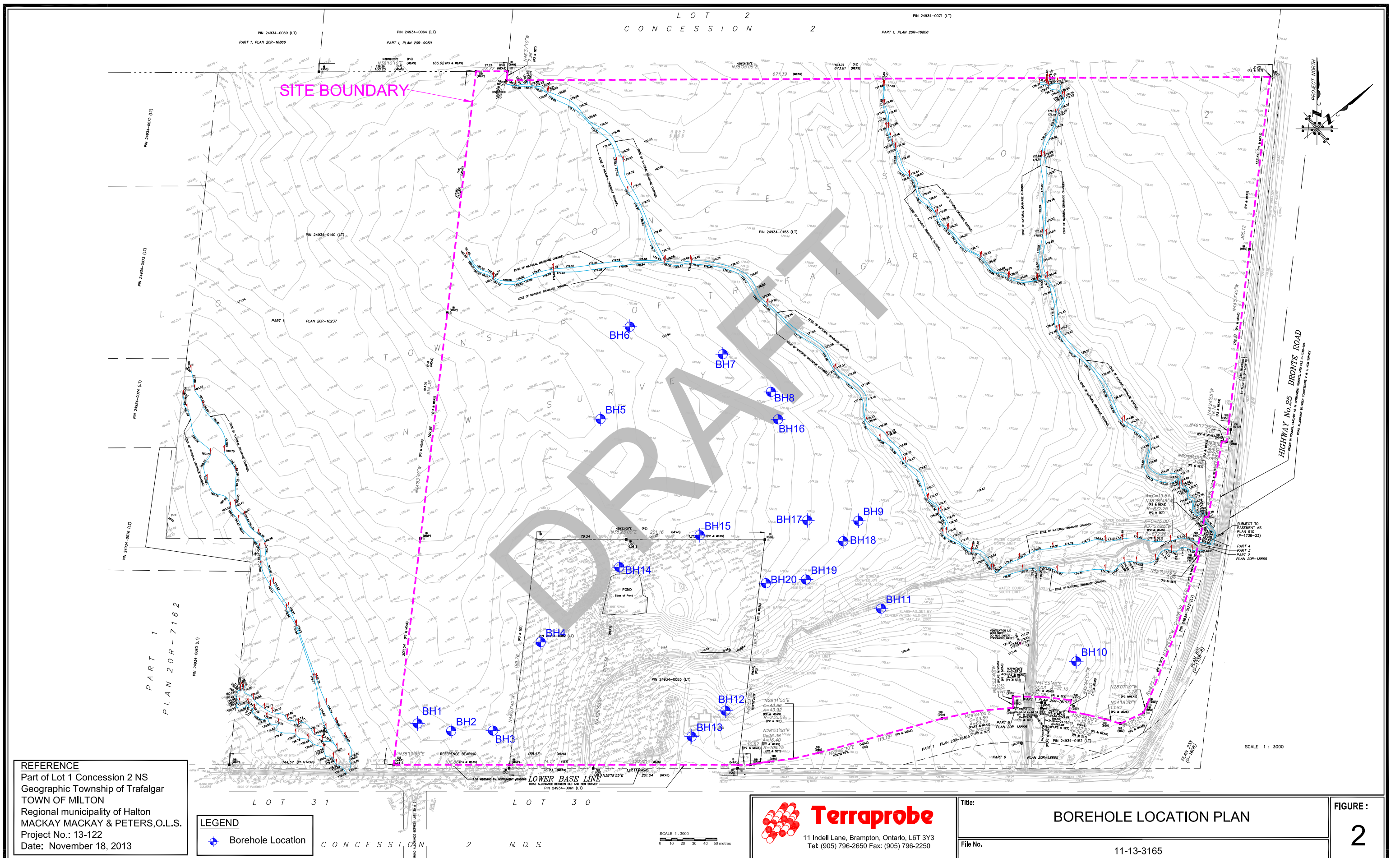
If no chemical analysis has been done on the soil. Please confirm that removals will be based on Table 1 soil and that any other type discovered will have additional disposal costs TBD.

Answer 44

The current use of the site is a farmer's field and based on the information that the owner has on the site this has always been the case. As such the possibility of the soil being contaminated is minimal.

End of Addendum No. 1

\\PDC\server1\ProjectFiles\11-Coe\2013\11-13-3165A_Dwgs_Lops\AutoCAD\11-13-3165A_Figs_(Revised)\dwg_Kamal



REFERENCE
 Part of Lot 1 Concession 2 NS
 Geographic Township of Trafalgar
 TOWN OF MILTON
 Regional municipality of Halton
 MACKAY MACKAY & PETERS, O.L.S.
 Project No.: 13-122
 Date: November 18, 2013

LEGEND
 ● Borehole Location

SCALE 1:3000
 0 10 20 30 40 50 metres

Terraprobe
 11 Indell Lane, Brampton, Ontario, L6T 3Y3
 Tel: (905) 796-2650 Fax: (905) 796-2250

Title: **BOREHOLE LOCATION PLAN**
 File No. 11-13-3165

FIGURE:
2

**Holy Family Cemetery
Crematorium Building
2523 Lower Base Line Road, Milton ON**

October 6, 2023

ELECTRICAL ADDENDUM #E1

NRG Consultants Inc.

This addendum issued before the closing of tenders, comprises clarifications and changes to the specifications and drawings and is hereby made a part thereof.

Questions & Responses

- Q1. E01 Electrical Note #19.1: Confirm what is included in the cash allowance of \$25,000 for hydro connection of power service.*
- R1. This cash allowance is for possible additional costs required to connect the 200A power feed to the existing distribution equipment in the existing Administration Building.
- Q2. E01 Electrical Note #19.2: Confirm what is included in the cash allowance of \$5,000 for fibre optic cable.*
- R2. This cash allowance is for possible connection costs related to the provision of a fibre optic cable service if required by the Owner.
- Q3. E01 Electrical Note #19.3: Confirm what is included in the cash allowance of \$5,000 for bell telephone cable connection.*
- R3. This cash allowance is for possible connection costs related to the provision of a bell telephone cable service if required by the Owner.
- Q4. Drawing E02, Duct Bank Note #9 explains the requirement for rebar. Confirm if rebar is required as the duct bank is filled with sand.*
- R4. Rebar is not required in Duct Bank Section C - C.
- Q5. Drawing E02, Ground Floor Lighting: Are there cove fixtures in Room 102 designated with Type S4 & S5? If so, provide specification.*
- R5. The cove light fixture in Chapel Room 102 is Type "V" (refer to attached sketch SK-E01-1 for fixture specification). S1 to S6 noted on the drawing refer to which light switch controls specific fixture(s).

- Q6. To what extent is the electrical division to include for the Communications System? Per the drawings we are to provide Cat 6 cabling, terminations and testing. What is not clear is who will be supplying the IT Rack, Enclosure, Patch Panel, Patch Cords and accessories.*
- R6. Electrical Contractor to provide empty outlet boxes and conduits only for Communications Systems outlets. Owner's Data Subcontractor will supply, install and terminate all Cat 6 cabling, data / telephone jacks and other necessary items including IT Rack(s), Enclosure(s), Patch Panel(s), Patch Cords, accessories and testing.
- Q7. Confirm if Rigid PVC or DBII is to be used for the duct bank from the Admin Building Utility Room to the Crematorium.*
- R7. Rigid PVC conduit may be used in-lieu of DB-II in Duct Bank Section C – C.
- Q8. Is a Coordination, Short Circuit or Arc Flash Study required?*
- R8. A Coordination, Short Circuit and Arc Flash Study is to be provided.
- Q9. Is Integrated Life Safety Testing required?*
- R9. Electrical Contractor is not required to provide Integrated Life Safety Testing.
- Q10. Is Third Party Fire Alarm Verification required?*
- R10. Electrical Contractor to provide Third Party Fire Alarm Verification.
- Q11. Confirm the Scale is 1;150 on E01.*
- R11. Ground Floor Key Plan on Drawing E01, Scale is 1:100.
- Q12. Confirm the Scale is 1;400 on E02.*
- R12. Site Service Plan on Drawing E02, Scale = 1:200.
- Q13. Confirm the Scale is 1;50 on E03.*
- R13. Ground Floor Plan – Lighting & Life Safety and Ground Floor Plan – Power & Communications on Drawing E03 are both Scale = 1:100.

Q14. With reference to the new Light Pole bases and Bollards (for lighting) there are no details found in the electrical drawings. Kindly provide these details.

R14. Refer to attached sketch SK-E05-1 for Light Standard Detail. Refer to attached sketch SK-E05-2 for Bollard Base Detail.

Q15. Please clarify if the smoke detectors as noted need to be tied into a central monitoring system.

R15. Smoke Alarms and Duct Smoke Alarms do not need to be tied into a central monitoring system.

Q16. Is there any base building Security, Fire Alarm, BAS contractors?

R16. Security system (if required) will be supplied by Owner's Security Subcontractor. No Fire Alarm System is required. Refer to Mechanical Drawings and Specifications regarding any BAS System requirements.

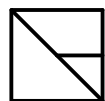
END OF ELECTRICAL ADDENDUM #E1

NRG Consultants Inc.

**Holy Family Cemetery
Crematorium
Light Fixture Schedule**

Type	Description	Base Bid	Approved Alternate	Watts
A	610mm x 1220mm (2' x 4'), 120V, LED, 5000 Lumen, 4000K, T-bar recessed mounted Basket Troffer.	Hubbell/Columbia Cat. # LCAT24-40-ML-G-ED-U	Peerless Electric Cat. # SDL-3-1ACF-24G-52-40K-MV	39
A1	610mm x 1220mm (2' x 4'), 120V, LED, 5000 Lumen, 4000K, Drywall recessed mounted Basket Troffer C/W Flange Kit	Hubbell/Columbia Cat. # LCAT24-40-ML-G-ED-U C/W FK-24	Peerless Electric Cat. # SDL-3-1ACF-24G-52-40K-MV C/W Flange Kit	39
A2	305mm x 1220mm (1' x 4'), 120V, LED, 5000 Lumen, 4000K, T-bar recessed mounted Basket Troffer.	Hubbell/Columbia Cat. # LCAT14-40-ML-G-ED-U	Peerless Electric Cat. # SDL-3-1ACF-14G-52-40K-MV	39
B	152mm (6") dia., 120V, LED, 1500 Lumen, 4000K, Recessed T-Bar mounted downlight fixture.	Prescolite Cat. # LTR-6RD-H-SL-15L-DM1 LTR-6RD-T-SL-40K-8-NR-S-WC-WT C/W B24	G.E. Cat. # LDXB-6R-0-15-T-40-V1	22
C	1220mm (4'), 120V, LED, 4000 Lumen, 4000K, Surface or suspended mounted Strip fixture.	Hubbell Cat. # CSL4-4040	Peerless Electric Cat. # NSL-RA-4-40-40K	40
C1	1220mm (4'), 120V, LED, 4500 Lumen, 4000K, Surface mounted Vapour Proof Strip fixture.	Columbia Cat. # LXEM4-40-LW-RFA-EU	Peerless Electric Cat. # AP2W-4-42-40K-A2-XX-S	40
P	152mm (33") dia., 120V, LED, 2532 Lumen, 4000K, Suspended Decorative Pendant fixture. Diffuser and Finish to be selected by Architect.	SPI Lighting Cat. # AIP8178-L36W-XXX-120-277V-4000K-XXXX- DF_STM-SAM45	No Alternatives Accepted	36
V	12VDC, LED, 4000K, Recess mounted flexible tape, for Chapel Valance Lighting	GM Lighting Cat. # LTR-S-TW-12V-2.2W-40K-X c/w Drivers & Connectors as required	No Alternatives Accepted	2.2W / Foot
WP1	120V, LED, 5823 Lumen, 5000K, Cut-off wall pack light fixture to be surface wall mounted. MH=(To be determined) AFF to centre.	Hubbell "Ratio Wall" Cat. # RWL1-48L-45-5K7-2-UNV-XXX	G.E. Cat. # EWS2-0-D3-D1-50-XX-J	60
WP2	120V, LED, 1255 Lumen, 3000K. Black Decorative wall pack.	WAC Lighting Cat. # WS-W52514-BK	TBD	17.5
LS1	Single head, 120V, LED, 5000k, Cut-off light fixture to be pole mounted on 915mm (3'-0") concrete base c/w Bi-level switching with motion sensor. MH = 9144mm (30'-0") AFF to centre. Color to be confirmed by Architect.	Hubbell Cat. # VP-S-48L-110-5K7-3	TBD	110
LS2	Single head, 120V, LED, 5000k, Cut-off light fixture to be pole mounted on 915mm (3'-0") concrete base c/w Bi-level switching with motion sensor. MH = 9144mm (30'-0") AFF to centre. Color to be confirmed by Architect.	Hubbell Cat. # VP-S-48L-110-5K7-4W	TBD	110
BL	120V, LED, 54 Lumen, 5000K, Anchor based Bollard Color to be confirmed by Architect.	Hubbell Cat. # GEM1-18L5K	TBD	21

0	2023/10/06	G.J.L.	ISSUED FOR ADDENDUM #E1
No.	DATE	MADE	DESCRIPTION
REVISIONS/ADDENDA ISSUED			



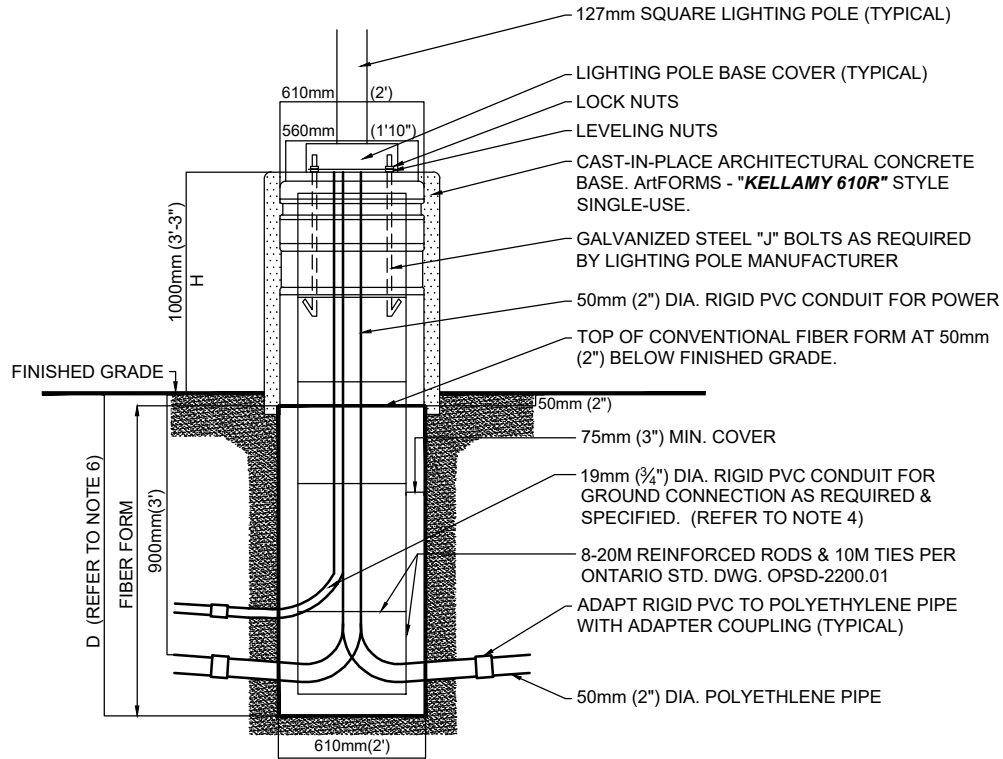
NRG Consultants Inc.
2 Cabrioleet Crescent Ancaster ON L9K 1K6
Office: (905) 304-0294

PROJECT
**HOLY FAMILY CEMETERY
CREMATORIUM BUILDING
2523 LOWER BASE LINE ROAD, MILTON ON**

DRAWING TITLE
**ELECTRICAL
LIGHT FIXTURE SCHEDULE REVISIONS**

SCALE N/A	DATE 2023/10/06	DRAWN G.J.L.	CHECKED S.C.S.
PROJECT No. 1922A	REV No. 0	DRAWING No. SK-E01-1	

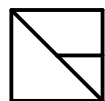
POLE LENGTH (m)	BASE BURIAL DEPTH D (m)	REINF. ROD LENGTH (m)
3.0	1.50	H + 1.35
5.6	2.15	H + 2.00
7.0	2.15	H + 2.00
7.5	2.15	H + 2.00
8.7	2.45	H + 2.30
9.0	2.45	H + 2.30
10.5	2.60	H + 2.45
12.0	2.75	H + 2.60
13.6	2.90	H + 2.75
15.1	3.05	H + 2.90



NOTES:

1. TOP OF FOUNDATION SHALL BE TROWELLED SMOOTH & LEVEL.
2. CLASS OF CONCRETE SHALL BE 25mPa. CONCRETE SHALL BE VIBRATED & CONTINUOUS POUR.
3. MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONCRETE FOUNDATION UNLESS OTHERWISE SHOWN.
4. PROVIDE A 19mm DIAMETER 3000mm COPPER COATED GROUND ROD ADJACENT TO POLES AS SPECIFIED ON PLAN AND CONNECT TO METAL POLE WITH #2/0 AWG BARE COPPER CONDUCTOR.
5. CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES.
6. SUBJECT TO SOIL CONDITIONS, REFER TO SOIL REPORT.

No.	DATE	MADE	DESCRIPTION
0	2023/10/06	G.J.L.	ISSUED FOR ADDENDUM #E1
REVISIONS/ADDENDA ISSUED			

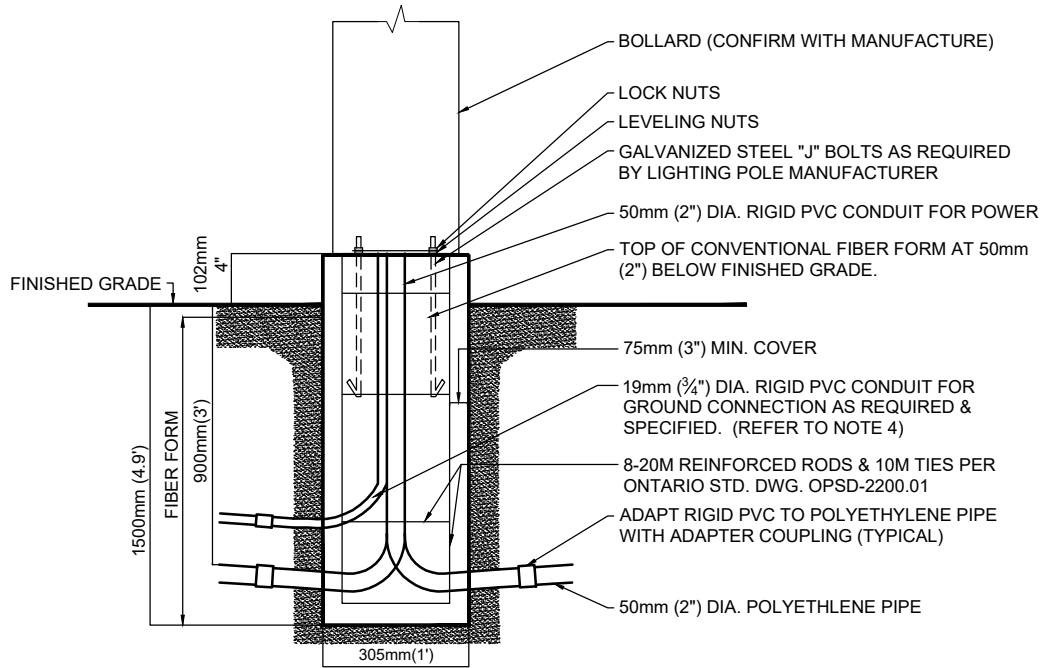


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 Office: (905) 304-0294

PROJECT
**HOLY FAMILY CEMETERY
 CREMATORIUM BUILDING**
 2523 LOWER BASE LINE ROAD, MILTON ON

DRAWING TITLE
**ELECTRICAL
 LIGHT STANDARD DETAIL**

SCALE	DATE	DRAWN	CHECKED
N/A	2023/10/06	G.J.L.	S.C.S.
PROJECT No.	REV No.	DRAWING No.	
1922A	0	SK-E05-1	



NOTES:

1. TOP OF FOUNDATION SHALL BE TROWELLED SMOOTH & LEVEL.
2. CLASS OF CONCRETE SHALL BE 25mPa. CONCRETE SHALL BE VIBRATED & CONTINUOUS POUR.
3. MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONCRETE FOUNDATION UNLESS OTHERWISE SHOWN.
4. PROVIDE A 19mm DIAMETER 1000mm COPPER COATED GROUND ROD ADJACENT TO BOLLARD AS SPECIFIED ON PLAN AND CONNECT TO BOLLARD WITH #2/0 AWG BARE COPPER CONDUCTOR.
5. CONTRACTOR TO VERIFY OPENING SIZE IN BOLLARD BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES.

No.	DATE	MADE	DESCRIPTION
0	2023/10/06	G.J.L.	ISSUED FOR ADDENDUM #E1
REVISIONS/ADDENDA ISSUED			



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PROJECT
**HOLY FAMILY CEMETERY
 CREMATORIUM BUILDING**
 2523 LOWER BASE LINE ROAD, MILTON ON

DRAWING TITLE
**ELECTRICAL
 BOLLARD DETAIL**

SCALE N/A	DATE 2023/10/06	DRAWN G.J.L.	CHECKED S.C.S.
PROJECT No. 1922A	REV No. 0	DRAWING No. SK-E05-2	