STRUCTURAL STEEL

GLUE LAMINATED TIMBERS

GENERAL NOTES
450 30X550X300 BASE PL C/W 6-25 Ø THREADED ROD
600X350 PEDESTAL C/W 8B15M VERT 10M TIE TOP & BOT 20 PL
20 GROUT
600 DPX2400X2400 R/W 8-25M 2250 E/W BOT+ 8-20M 2250 E/W TOP
FINISHED GRADE - SEE ARCH
125 kPa ULS BEARING MIN CONFIRM WITH GEOTECHNICAL ENGINEER
HSS219X13  W200X31  W200X31  PLATE 12 THK
HSS219X13
GLULAM BEAM
WEB OF WT380
AT HSS
AT WT
GLULAM BEAM
60 SHIM PL
NUT
20 Ø ROD SLOTTED THROUGH HSS
HSS 141X9.5 SLOTTED THROUGH GLULAM

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ISSUED FOR
CHECKED:
SCALE:
22/04/2016 1:58:42 PM
S803 CANOPY DETAILS
UBC EXCHANGE
GAGE SOUTH RESIDENCE
S802  1 : 10 1 TYPICAL SECTION AT CANOPY BASE
S802  1 : 5 2 CANOPY SECTION AT CENTER HSS
S802  1 : 5 3 GLULAM BEAM CONNECTION AT CANOPY
S802  1 : 5 4 CANOPY SECTION AT THREADED METAL ROD THROUGH HSS

S803

No: Date: Description:
2016-02-05 ISSUED FOR BID - INTERIM
2016-03-02 ADDENDUM #1
2016-03-08 ADDENDUM #2
2016-04-18 ISSUED FOR 30% COORDINATION
2016-04-22 ISSUED FOR CONSTRUCTION
**GENERAL NOTES**

1. All changes to this drawing must be made in accordance with the latest issue of the relevant drawings. All changes must be signed and dated by the person making the change.

2. No part of this drawing may be reproduced in any form without the written permission of the owner.

3. This drawing is for informational purposes only and is not intended for construction.

4. All electrical components and systems are subject to verification by the electrical contractor.

**PANEL BOARD SCHEDULE**

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<th>PANEL BOARD</th>
<th>CIRCUIT</th>
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**LUMinaire SCHEDULE**

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**SYMBoL LEgEND**

- **A** - Access Lighting
- **B** - Bollard Lighting
- **C** - Camera Lighting
- **D** - Catenary Lighting
- **E** - Entrance Lighting
- **F** - Flood Lighting
- **G** - Gate Lighting
- **H** - Haz Lighting
- **I** - Indoor Lighting
- **J** - Joint Lighting
- **K** - Keypad Lighting
- **L** - Line Lighting
- **M** - Motion Lighting
- **N** - Niche Lighting
- **O** - Outdoor Lighting
- **P** - Pedestrian Lighting
- **Q** - Parking Lighting
- **R** - Entrance Lighting
- **S** - Security Lighting
- **T** - Sign Lighting
- **U** - Utility Lighting
- **V** - Vertical Lighting
- **W** - Wall Lighting
- **X** - Xenon Lighting
- **Y** - Yoke Lighting
- **Z** - Zenith Lighting
COMMUNICATION DROPS FOR CODE BLUE STATION BY OTHERS.

POWER CONNECTION FOR CODE BLUE STATION. REFER TO PANEL SCHEDULE ON DRAWING E100 FOR DETAILS.

COMMUNICATION DROP FOR UBC SECURITY CAMERA BY OTHERS.

POWER CONNECTION FOR UBC SECURITY CAMERA.

COMMUNICATION DROPS FOR UBC WIRELESS ACCESS POINT BY OTHERS.

POWER CONNECTION FOR UBC WIRELESS ACCESS POINT.

SYMBOL LEGEND

A. ALL FEEDERS SHALL BE SIZED PROPERLY TO ACCOMMODATE VOLTAGE DROPS. CONTRACTOR SHALL PERFORM A VOLTAGE DROP CALCULATION BASED ON THE ACTUAL LENGTH OF CONDUITS INSTALLED ON SITE AND SIZE THE FEEDERS ACCORDINGLY.

B. COMMUNICATION DEMARCATION AND TERMINATION POINTS SHALL BE INSTALLED AS PER UBC TECHNICAL GUIDELINES.

C. UBC ACCESS SERVICES TO SUPPLY CODE BLUE STATION PRE-CAST BASES AND CONTRACTOR TO INSTALL. CONTRACTOR TO COORDINATE WITH UBC ACCESS SERVICES FOR THE REQUIRED CONDUIT SIZE TO MATCH THE PRE-CAST BASES.
IT IS THE INTENT OF THE WORK TO PROVIDE COMPLETE, NEATLY FINISHED, AND OPERATIONAL SYSTEMS AND ANY LABOR, MATERIAL, REVIEW WILL NOT BE CONSTRUED AS APPROVING DEPARTURES FROM CONTRACT DOCUMENT REQUIREMENTS IF SUCH DEPARTURES ELECTRICAL TRADE IS TO ACCURATELY RECORD ON THESE PRINTS ALL REVISIONS TO THE ORIGINAL PLANS THAT ARE MADE ON SITE REQUIRING ADDITIONAL WORK BEYOND THE WORK OF THESE DRAWINGS, BRING THIS MATTER TO THE ATTENTION OF THE ENGINEER PERMITS, LICENSES, APPROVALS AND INSPECTIONS REQUIRED FOR COMPLETION OF THE WORK, WHETHER SPECIFICALLY MENTIONED CALLED FOR BY BOTH.

COORDINATE WITH AND GET APPROVAL FROM LANDLORD FOR ALL DRILLING, CORING AND CUTTING OF BUILDING STRUCTURE. CONFIRM OUTLET LOCATIONS AND MOUNTING HEIGHT WITH PROJECT COORDINATOR ON SITE PRIOR TO INSTALLATION. THE FOLLOWING TO BE PAYABLE TO THE ELECTRICAL CONSULTANT, FOR THE WORK TO BE COMPLETED:

THE ELECTRICAL TRADE SHALL FURNISH A WRITTEN GUARANTEE WARRANTY, SIGNED BY AUTHORIZED PERSONNEL, STATING:

THE ENTIRE INSTALLATION, INCLUSIVE OF MATERIAL AND LABOR, IS TO COMPLY WITH ALL THE REQUIREMENTS OF ALL BUILDING CODES AND LOCAL CODES THAT GOVERN THE INSTALLATION OF THE ELECTRICAL SYSTEM, INCLUDING THE ELECTRICAL CODE AND THE ELECTRICAL INSPECTION DEPARTMENT. UNLESS OTHERWISE NOTED, EMT CONDUIT ARE TO BE CONCEALED IN ALL FINISHED AREAS. IN SERVICE AREAS, CONDUIT AND EMT SHALL BE RUN ON SURFACE UNLESS INDICATED OTHERWISE. THE EQUIPMENT GROUNDING CONDUCTOR - GREEN, 347/600V PHASE WIRES - RED, BLACK, AND BLUE. RULE 30-308(4). FLUORESCENT DISCONNECT SWITCH SHALL BE THOMAS AND BETTS MARRETTE FLUORESCENT LUMINARE MANUFACTURER'S APPROVED OR RECOMMENDED CLEANING SOLUTIONS. PROVIDE A NEW LIGHTING SYSTEM, COMPLETE AND FULLY OPERATIONAL AND IN CONFORMANCE WITH CODE AND ULC LISTING REQUIREMENTS. UNLESS NOTED OTHERWISE, ALL FIXTURES AND LAMPS ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR. BALANCE PANEL LOAD FOR EACH PHASE A, B, & C. ALLOW FOR RELOCATING CIRCUITS WITHIN PANEL BOARD TO BALANCE THE LOAD. BREAKERS AS REQUIRED.

RECORD PLANS & MAINTENANCE MANUALS DRAWINGS AND SPECIFICATIONS