
CONSULTANTS' GUIDE TO UBC PROJECT DOCUMENTS REQUIREMENTS

It is the Consultant's responsibility to provide Drawings and Specifications that comply with the requirements herein. Note that in addition to providing draft, bidding, and IFC documents, the Consultant is normally required to also produce Record documents at the conclusion of a Project.

DRAWINGS

TYPES OF DRAWINGS

Issued for Construction

These drawings have been updated to incorporate major design changes and approved room numbers before construction commences. If building permit drawings have previously been submitted and no changes are required, the building permit drawings can be resubmitted as "issued for construction". The certified professional must submit a letter to ubc infrastructure development, records, confirming that there have been no substantial changes from the building permit set of drawings.

Note that "Issued for Construction" drawings are NOT accepted as As-Built drawings.

- .1 **One (1) PDF and (1) set of architectural floorplans in AutoCAD format files to be submitted to the Infrastructure Development, Records Section prior to the start of construction.** See also Format Requirements below.

Record Drawings

Buildings

These drawings are issued for all building projects and represent the final installed configuration of what was actually built. Record drawings are prepared by the Consultant using information furnished by the Contractor or other field staff.

Record drawings incorporate all changes made during the construction process including any and all clarifications, addenda and Change Orders.

- .1 **One (1) PDF and (1) AutoCAD format files to be submitted to Infrastructure Development, Records Section within 60 days of Substantial Performance. See: 2.1.2 Format Requirements. The PDF files shall be clear and legible. UBC reserves the right to request a paper copy of the drawings if necessary.**

Underground Utility Services

These drawings are a true record of underground utilities which represent the final installed configuration of what was actually built. A record drawing incorporates all changes made during the construction process including an as-constructed survey and any and all clarifications, addenda and Change Orders.

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Record drawings are verified in detail by the Professional Engineer through reviewing the actual conditions of the completed project. Verification by the reviewing engineer may require frequent or continuous presence on site.

Where applicable, all relevant improvement sizes, diameters, elevations, depths and material must be specified on the approved plans. The field surveyor must check them during and/or after construction. They are to be relevant to the UBC Datum (NAD83) and nearest official UBC monument.

Rim and invert elevations, and all pipe material and lengths shall clearly be marked "Record" on the Record Drawings.

One (1) PDF and one (1) georeferenced AutoCAD format files to be submitted to Infrastructure Development, Records Section within 60 days of Substantial Performance of the civil contract. If an electronic seal of Engineer of Record is not available, one sealed paper copy is required. See: 2.1.2 Format Requirements. See also: Section 3 and Division 33, Section 33 00 10 Underground Utilities Services.

Certification of Record drawings for Underground Utility Services

Record drawings are to be signed and sealed by the Professional Engineer as per EGBC's Quality Management Guideline "Use of Seal" V. 2.0, Section 3.2.15.9.

FORMAT REQUIREMENTS

PAPER – one copy (for Underground Utility Services only) only if electronic Engineer of Record's seal is not available.

Sequentially numbered individual sheets stapled (not bound) in sets.

Printed on a D-size sheet (36"x 24" / 914 mm x 610 mm) using at least 20 lb bond white paper.

Plotted and dimensioned using metric units: millimeters for floor plans and meters for underground utilities.

Each floor plan sheet must have a common metric scale. For larger construction areas, a context key plan is to be used.

DIGITAL (for all Record Drawings)

Organized in folders based on drawing sets and submitted on a clearly labeled, write-protected CD-R or thumb drive. Information about the building or facility (name, number, and address), the date of the submission, and a context description is to accompany the CD/thumb drive.

Two digital formats:

AutoCAD:

- .1 To be created using the latest version of Autodesk AutoCAD software (AutoCAD 2015 or later). All DWG files and CAD drawing entities submitted at the end of a project must be able to be manipulated using standard AutoCAD™ drafting procedures. DXF files will not be accepted at project closeout as a substitution for DWG CAD file deliverables.
- .2 AutoCAD files are to match the paper copy and PDF exactly, and are to be purged of any information and features that are not related to the printed sheet and PDF submission

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Adobe Acrobat (.pdf)

- .1 To be created using the latest version of Adobe Acrobat.
- .2 One drawing sheet per page.
- .3 Files are to match each individual page of paper as submitted for the record drawings (see 2.1.2.1 Paper).

Any questions regarding project record documents, please contact Infrastructure Development, Records Section at (604) 822-9570 or email records.section@ubc.ca.

LIST

All elevations, including spot and floor elevations, are to be relative to UBC Datum.

ARCHITECTURAL

To include site plan, floor plans, furniture layouts, sections, elevations and details.

STRUCTURAL

To include floor plans, sections, and details.

MECHANICAL - HVAC

To include site plan, floor plans, sections, elevations, and details.

MECHANICAL - PLUMBING

To include site plan (showing individual services connections from the mains to the building), floor plans, sections, elevations, and details.

ELECTRICAL

To include site plan (showing service connection from the main to the building), floor plans, sections, elevations, details.

Must show the following, where applicable:

All conduit or duct work located below ground level and in or below a building slab.

All service, sub-service, and main riser conduits, all spare conduits stubbed in concealed spaces, and the location of all electrical equipment essential for safe system operation, such as end of line resistors, etc.

All service ducts and cables for voltages above 705 volts, and for main communications cables.

See also: Section 26 05 00 Electrical – General Requirements, 2.3 Project Record Drawing Requirements.

CIVIL

To include site plan, elevations, and details.

LANDSCAPE

To include site plan (showing lawn sprinkler services with connections), sections, elevations, and details.

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SURVEY

Must show construction context in relation to the existing nearest official UBC monument, both in spatial locating (horizontal dimensions), as well as vertical reference – UBC Datum based elevations. (see Section 3.0 Survey Monument Information)

To be created in UTM (Universal Transverse Mercator) and using NAD 83 Datum for compatibility with standard GIS functionality.

DEMOLITION

Drawings should clearly show the existing buildings, civil features and infrastructure in the vicinity of the project.

The drawings should include clear definition of features and underground services to be demolished as well as the ones to be retained including horizontal and vertical survey dimensions relative to the nearest official UBC monument (see Section 3.0 Survey Monument Information).

CAD DRAWING PRODUCTION

General Guidelines

- .1 Drawing submissions should have all external reference drawings bound (BIND/INSERT) within the drawing. Bound layers must maintain layer names. Please check that the layer information is not lost.
- .2 All drawings submitted must be purged of unused data such as blocks, layers, objects, and styles.
- .3 Multiple drawing sheets must be broken down into separate drawings containing single sheets.
- .4 AutoCAD™ drawings shall not contain frozen layers. All unused entities on frozen layers should be erased and empty layers should be purged.
- .5 All referenced image files (PNG, TIFF, JPG etc.) should be embedded as OLE objects in the drawings and should not be referenced outside the drawing.

Scale and Units

- .1 All drawings must be drafted in full scale metric units in model space such that one unit must equal to 1 millimeter.
- .2 Site drawings drawn in 1:1 metre are acceptable.

Fonts

- .1 Fonts to be used are native AutoCAD fonts only. Custom fonts including those provided by 3rd party software shall not be used.
- .2 Text style heights must not be fixed. Heights should be set to 0 and width angle of 1.
- .3 Text properties should be set to “by Layer”.
- .4 Fonts to be used are native AutoCAD fonts only. Custom fonts including those provided by 3rd party software shall not be used.

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Standard Blocks and Symbols

- .1 All drawing objects within blocks must be set to layer 0.
- .2 All drawing objects must have the color, line type and line weight set to "by layer".
- .3 Nested blocks are not to be used.
- .4 Blocks should be inserted in the proper layer of discipline.
- .5 It must have an insertion angle of Ø.
- .6 Drawing files that are translated from another vector software which result in wall blocks within AutoCAD™ are not accepted.
- .7 Blocks that require text should use block attributes.
- .8 Attributes within blocks must have all attribute properties set to Layer 0 with a linetype, color and lineweight set to "By Layer".
- .9 All feature attributes, i.e. pipe diameters and materials, are to be attached as object data.

Layering Guidelines - CODES, GROUPS and FIELDS

UBC Record Key Plan layering guidelines are based upon the AIA National CAD Standards. This is designed to easily translate As-built drawings in CAD format submitted to Infrastructure Development, Records Section by consultants contracted by UBC for new building construction and renovation. This standard allows our key plans to be used for in-house project renovations and facility planning purposes.

The CAD Layer Guidelines are organized as hierarchy. This arrangement accommodates expansion and addition of user-defined extensions to the layer list. Layer names are alphanumeric and use abbreviations that are easy to remember. This legibility is particularly important when CAD files are distributed among architects, consultants, and clients.

DISCIPLINE	MAJOR GOUP	MINOR GROUP	STATUS
Required	Required	Optional	Optional
□ - □ □ □ □ □	□ - □ □ □ □ □	□ □ □ □ □	□

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.1 Discipline Code

Discipline is the primary method of classification for layer names. The discipline code is intended to identify the author of the graphic information. Thus, a structural column placed by an architect would be A-COLS rather than S-COLS. This accommodates the use of "I" as a discipline code, allowing doors and walls to be recognized in both the Architectural and the Interiors disciplines. The Discipline Code is a two character field with the second character, either a hyphen or a user-defined modifier. The discipline codes are listed below.

A	Architectural
C	Civil
E	Electrical
F	Fire Protection
G	General
H	Hazardous Materials
I	Interiors
L	Landscape
M	Mechanical
P	Plumbing
Q	Equipment
R	Resource
S	Structural
T	Telecommunications
X	Other
Z	Contractor/shop Drawings

.2 Major Group

The major group designation is a four-character field that identifies the building system, such as doors, walls, windows, etc. Although most major groups are logically associated with specific discipline codes, it is possible to combine major group codes with any of the discipline codes.

A-WALL	Walls
A-DOOR	Doors
A-GLAZ	Glass

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.3 Minor Group

This is an optional, four-character field for further differentiation of major groups. For example, partial height walls (A-WALL-PART) might be differentiated from full height walls (A-WALL-FULL). The following common modifiers defined by the AIA can also be used in the minor group field:

IDEN	Identification
PATT	Pattern
AREA	Area

.4 Status Field

The Status Field is an optional four-character designator that differentiates new construction from remodeling and existing to remain. It is only needed when phases of work must be differentiated. Defined values for these fields are listed below.

The Status Field is always placed as the last field of the layer name. In a simple layer name such as A-WALL, the Status Field would be the third field (A-WALL-D). In a more detailed layer name, the Status Field would be the fourth field (A-WALL-FULL-D).

N	New Work
E	Existing to Remain
D	Existing to Demolish
F	Future Work
T	Temporary Work
M	Items to be Moved
R	Relocated Items
X	Not in Contract

.5 Annotation

Annotation comprises text, dimensions, sheet borders, detail references, and other elements on CAD drawings that don't represent physical aspects of a building. The major group "ANNO" designates annotation.

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Annotation can be placed in both paper and model space (Model files/Titleblock files). Dimensions, symbols, and keynotes would typically be placed in model space. Legends, schedules, borders, and title blocks would typically be placed in paper space. The same layer names would be used in both cases Types of annotation are as follows:

*-ANNO-DIMS	Dimensions
*-ANNO-KEYN	Keynotes
*-ANNO-LEGN	Legends and Schedules

* represents discipline code

.6 Accepted Layer Group Codes

Major Group Codes

Major	Description	Major	Description
Ablt	Anchor Bolt	Mach	Machine Shop
Accs	Access	Mdgs	Medical Gas
Acid	Acid	Metl	Miscellaneous Metal
Anno	Annotation	Ngas	Natural Gas
Area	Area	Nurs	Nursing
Beam	Beam	Pgng	Paging Systems
Bldg	Building	Pipe	Pipe
Brin	Brine Systems	Pkng	Parking
Cabl	Cable	Plan	Plans
Chim	Chimney	Plnt	Plant
Clng	Ceiling	Powr	Power
Cmpa	Compressed Air Systems	Proc	Process
Co2s	CO2 Systems	Prop	Property
Code	Code	Prot	Protection
Cols	Columns	Rcov	Recover
Comm	Communications	Refg	Refrigeration
Cont	Controls	Risr	Risers
Cwtr	Chilled Water	Road	Road
Deck	Floor Decks	Roof	Roof
Detl	Detail	Sanr	Sanitary
Domw	Domestic Water	Sect	Sections
Dust	Dust	Sert	Security
Elev	Elevation	Site	Site
Elht	Electric Heat	Slab	Slabs
Ener	Energy Management	Soun	Sound
Eqpm	Equipment	Spcl	Special
Evac	Evacuation	Sprn	Sprinklers

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Exhs	Exhaust	Stan	Standpipe Systems
Fire	Fire	Stem	Steam
Fixt	Fixture	Strm	Storm
Flor	Floor	Test	Test
Fndn	Foundation	Topo	Topography
Fuel	Fuel	Tvan	Television Antenna
Furn	Furniture	Walk	Walks
Glaz	Glass	Wall	Walls
Grid	Grids	Watr	Water
Jois	Joists	Xref	External References
Lgas	Labratory Gas		
Lite	Lighting		
Ltng	Lightning Protection		

Minor Group Codes

Minor Code	Description	Minor Code	Description
##	Pen#, Xref#, etc.	Keyn	Key Notes
2way	2-way	Kple	Kpl Electric Lines
Aban	Abandoned	Kpsg	Kps
Accs	Equipment Access	Legn	Schedule, Legend, Table Border
Adag	Disabled Access Guides	Less	Asbestos Quantity Less Than
Alrm	Fire Alarm	Levl	Level Changes, Ramps, Pits, and Depressions
Appl	Appliances	Lpip	Low Pressure Steam Piping
Area	Area Calculations	Lvel	Electric Lines - Low Voltage
Asbs	Asbestos	Lvsl	Street Lights Lines - Low Voltages
Bbl#	Basketball Bleachers	Main	Water Main
Beds	Beds	Mbnd	Material Beyond Section Cut
Blr1	Bleachers - Closed Partitions	Mcut	Material Cut by Sections
Blr2	Bleachers - Opened Position	Metr	Meters and Valves
Bnch	Benchmarks	Mhol	Manholes
Bore	Test Borings	Misc	Miscellaneous
Brdg	Bridges	Mmff	Multi-Mode Fiber Feeder
Brng	Bearing and Distance Labels	Mmfh	Multi-Mode Fiber
Busw	Busways	Mmfr	Multi-Mode Fiber Riser
Cabl	Cable Trays	Move	Movable

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Cars	Graphic Illustration of Cars	Nicn	Not in Contact
Case	Casework	Note	Notes
Catv	Cable TV	Nplt	Non-Plotting Information
Cdff	Hvac Ceiling Diffusers	Numb	Power Circuit Numbers
Chil	Chilled Water	Occp	Occupant or Employee Names
Circ	Circuitting	Odff	Other Diffusers
City	City	Ogep	Fuel Oil General Piping
Clhd	Sprinkler head (Ceiling)	Open	Ceiling and Roof
Cntr	Center Lines	Othd	Sprinkler Head (Other)
Coax	Coax	Otln	Outlines
Code	Code Information	Ovhd	Overhead Communication Lines
Cols	Columns	Ovhd	Overhead
Comp	Condensate Piping	P#	Detail Outlines or Detail Using Different Pens or Colors
Cons	Construction Controls	Panl	Power Panels
Cpip	Compressed Air Piping	Pat(1-9)	Textures and Hatch Patterns, Certain Construction Lines (1-9)
Cprf	Copper Feeder	Pave	Roads That Have No Curb and Gutter but Are Pave
Cprh	Copper Horizontal	Peop	People
Cprr	Copper Riser	Peqp	Process Air Equipment
Curb	Curb	Pfix	Plumbing Fixtures
Data	Data	Pile	Piles, Drilled Piers
Date	Date Stamp	Pipe	Piping
Deck	Decks	Plan	Plans
Desc	Descriptive Text	Play	Play Structures
Dims	Dimensions	Plnt	Plants
Powr	Furniture System Power	Pnls	Furniture System Panels
Ppip	Process Air Piping	Pole	Electric Poles and Street Lights on the Poles
Prht	Partial Height	Swbd	Switchboards
Rais	Raised	Swbt	Swb
Rbar	Re-bar	Swch	Switches
Rdff	Return Air Diffusers	Swng	Door Swing Arc
		Symb	Symbols

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Rfeq	Rooftop Exhaust Equipment	Tank	Tanks
Risr	Risers	Susp	Suspended Elements
Roof	Roof	Tees	Main Tees
Rtwl	Retaining Walls	Tele	Telephone
Satv	Satelite TV	Textl	Large Text
Sdff	Supply Diffusers	Texts	Small Text
Serv	Service	Text	Legends and Schedules Text
Sign	Signage	Ther	Thermostats
Sill	Sills	Tptn	Toilet Partitions
Site	Site	Ttbl	Title Blocks
Slev	Sleeves Under University Roads	Tunn	Tunnels
Smff	Single-Mode Fiber-Feeder	Turf	Lawn Areas
Smfh	Single-Mode Fiber, Horizontal	Ucpt	Under Carpet Wiring
Smfr	Single-Mode Fiber Riser	Undr	Underground
Smok	Smoke Detectors or Heat Sensors	Unpv	Roads That Are Unpaved
Spcl	Architectural Specialties	Urac	Under Floor Raceways
Spkl	Irrigation Sprinklers	Util	Utilities
Spot	Spot Elevations	Vbl#	Floor Striping for Volleyball Courts
Sprt	Playing Fields and Text	Vhcx	Catv Video Feeder
Step	Steps	Vprt	Paper Space Viewports
Stor	Storage	Vrcx	Catv Video, Feeder Riser'

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Strp	Floor/Parking Lot Striping & Handicapped Symbol	Wdwk	Architectural Woodwork (Field Built Cabinets & Counters)
Strs	Stairs, Treads, Escalators, and Ladders	Wire	Wiring

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SPECIFICATIONS

FORMAT REQUIREMENTS

PAPER

Individual letter sized page (8.5" x 11") compiled into a manual.

DIGITAL

Adobe Acrobat (PDF) which mirrors exactly the paper copy of each individual page for Project Specifications.

Separate PDF files are required for each section of the specifications.

A record set of specifications are to be re-submitted if modified throughout the course of construction

LIST

ISSUED FOR CONSTRUCTION SPECIFICATIONS

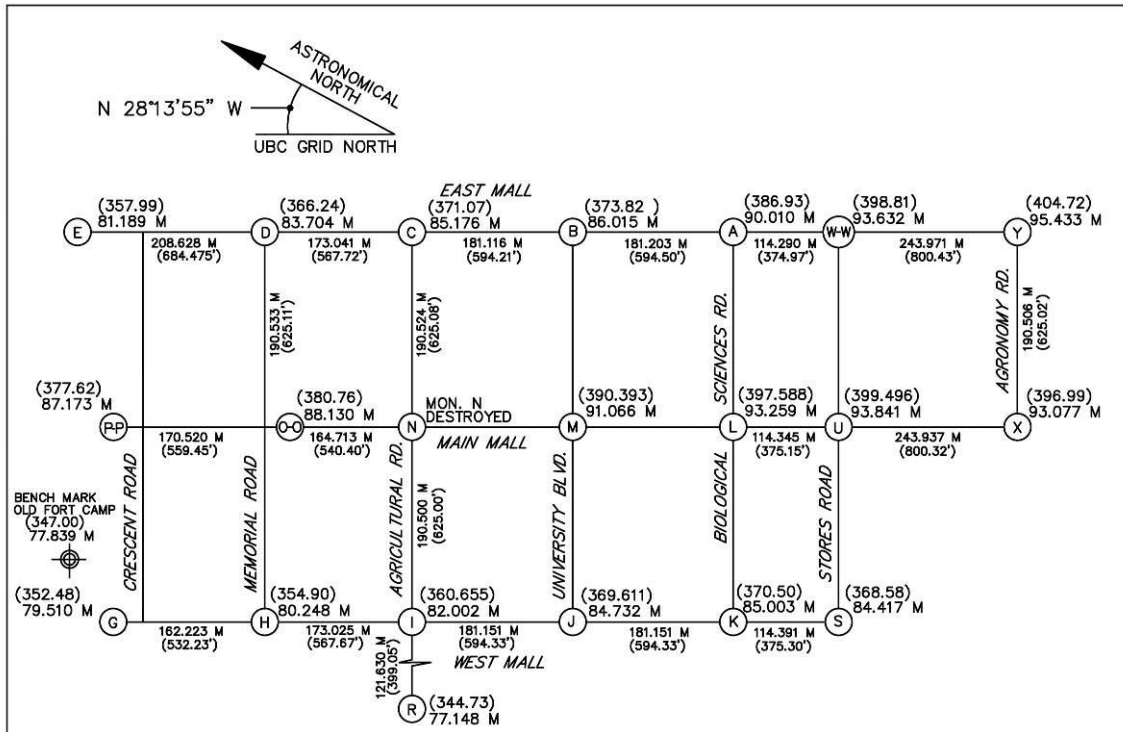
Describe in detail the materials, products and systems used for the project. They will be developed by the Architect, Specifier, and/or the Engineer.

Specifications are to include each construction discipline, i.e. architectural, structural, plumbing, mechanical, and electrical.

- .1 **One (1) paper copy and one (1) PDF copy to be submitted to Infrastructure Development, Records Section within 60 days of Substantial Performance.**

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SURVEY MONUMENT INFORMATION



A. GEODETTIC BENCH MARKS

1. FUNDAMENTAL GEODETTIC BENCH MARK IN COURTHOUSE GROUNDS NO.774-J ELEVATION 30.850 METRES-101.214'IMPERIAL. THIS DATUM IS BASED ON MEAN SEA LEVEL AS DETERMINED BY ACCURATE GAUGE READINGS ON BOTH ATLANTIC AND PACIFIC COASTS.
2. GEODETTIC BENCH MARK, ENGINEERING BUILDING (COMPUTER SCIENCES) UNIVERSITY OF BRITISH COLUMBIA, TABLET IN NORTH-WEST STONE FOUNDATION WALL 7 INCHES SOUTH-WEST OF SOUTH-WEST EDGE OF EIGHTH WINDOW FROM WEST CORNER OF BUILDING AND 12 INCHES ABOVE GROUND. NO.1239-J ELEVATION 85.199 METRES-279.524'IMPERIAL.
3. GEODETTIC BENCH MARK, SIMON FRASER MONUMENT, IRON PIPE WITH BRASS CAP, ON SOUTH-WEST SIDE OF MARINE DRIVE, ABOUT 2 MILES SOUTH-EAST OF U.B.C. OPPOSITE POINT ON GUARD RAIL 9 FEET NORTH-WEST OF NORTH-WEST SIDE OF MONUMENT, 5 FEET SOUTH OF GUARD RAIL ABOUT ROAD LEVEL. NO.1260-J ELEVATION 45.159 METRES-148.159'IMPERIAL.

B. CAMPUS GEODETTIC DATUM

NOTE : ALL ELEVATIONS SHOWN IN BRACKETS ARE BASED ON IMPERIAL MEASURE AND INCLUDE THE ADDITION OF 91.62 FEET TO THE IMPERIAL GEODETTIC BASE. METRIC ELEVATIONS ARE GEODETTIC AND DO NOT INCLUDE 91.62 FEET.

C. CITY OF VANCOUVER, B.C. HYDRO AND POWER AUTHORITY, GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT.

NOTE: 91.384 FEET WAS ADDED TO ALL IMPERIAL GEODETTIC BENCH MARKS TO ESTABLISH THE IMPERIAL DATUM FOR THE ABOVE MUNICIPALITIES.

D. ALL DISTANCES ON THIS DRAWING ARE METRIC. THOSE FIGURES SHOWN IN BRACKETS ARE IMPERIAL MEASURE.

Conversion of vertical measurements from Metric to Imperial requires the inclusion of the UBC Geodetic Datum of 91.62 FT.
 metric to imperial - perform conversion ,then add 91.62 FT.
 Imperial to metric - subtract 91.62 ,then perform conversion.

THE UNIVERSITY OF BRITISH COLUMBIA INFRASTRUCTURE DEVELOPMENT Records Section	REVISED: JUNE 26, 2008 BY: JEL ORIGINAL DRAWN: JEL DATE: SEPT. 1995	U.B.C. MONUMENTS PLAN	STANDARD No 01-01
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CAMPUS UTM COORDINATES

Here is a list of existing campus monuments and their associated UTM coordinates. This information is for reference use only. The provider of this information accepts no responsibility for its use or accuracy. The coordinates listed here are unofficial.

Table J1 Campus Monument Coordinates

Monument	UTM NAD 83 Grid Coordinates	
	Northing	Easting
J	5456833.899	481440.078
PP	5457378.937	481364.939
OO	5457228.551	481445.232
I	5456993.635	481354.793
M	5456923.590	481608.054
H	5457136.675	481278.422
K	5456674.163	481525.363
L	5456763.831	481693.353
R	5456936.381	481247.537
S	5456573.295	481579.218
U	5456663.003	481747.186
X	5456447.903	481862.030
Y	5456537.609	482030.044
G	5457289.246	481196.962
E	5457509.590	481511.150
D	5457325.612	481609.372
B	5457013.296	481776.048
W-W	5456752.701	481915.103
A	5456853.520	481861.375
C	5457173.013	481690.820

Grid coordinates were calculated using an combination factor of 0.9995923

Grid Distance (coordinate) = Ground Distance (coordinate) x 0.9995923

The Information included has been prepared by Urban Systems LTD. IT IS FOR REFERENCE ONLY
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UBC LAYERS IN USE

The following layer list is the current layers in use within UBC floor plans and campus maps. If additional layers are needed for drafting purposes, please refer to the AIA CAD Layer guidelines. New layer names may be added using the formatting rules listed in this section.

Building Floor Plans

LAYER NAME	DESCRIPTION	COLOR	LINETYPE
A-ANNO-DIMS	DIMENSIONS	WHITE	CONTINUOUS
A-ANNO-NOTE	CONSTRUCTION DATES/INFO	GREEN	CONTINUOUS
A-ANNO-REDL	BUILDING DELINEATOR LINES	RED	CENTERLINE
A-ANNO-SYMB	WASHROOM SYMBOLS	BLUE	CONTINUOUS
A-ANNO-TEXT	TITLE BLOCK TEXT / INFO./ UBC CREST / NORTH ARROWS	WHITE	CONTINUOUS
A-ANNO-TTBL	TITLE BLOCK BORDER/ LINES	RED	CONTINUOUS
A-AREA-DESC	ROOM USAGE DESCRIPTION	YELLOW	CONTINUOUS
A-AREA-IDEN	ROOM NUMBERS	GREEN	CONTINUOUS
A-AREA-PATT	AREA HATCHES	253	CONTINUOUS
A-DOOR	DOORS	YELLOW	CONTINUOUS
A-DOOR-IDEN	EXTERIOR/INTERIOR DOOR LABELS	GREEN	CONTINUOUS
A-EQPM	EQUIPMENT / ELEVATORS	BLUE	CONTINUOUS
A-FLOR-PFIX	PLUMBING FIXTURES	BLUE	CONTINUOUS
A-FLOR-STRS	STAIRS/ ESCALATORS/ TREADS/ LADDERS/ BALCONY AND GUARD RAILS/ ARROWS AND TEXT/ RAMPS/ FLOOR LEVEL CHANGES	WHITE	CONTINUOUS
A-FLOR-WDWK	MILLWORK/ ARCH WOODWORK/ BUILT IN CABINETS & COUNTERS/ TOILET PARTITIONS	BLUE	CONTINUOUS
A-FURN	FURNITURE/ WORKSTATIONS/CHAIRS ETC...	BLUE	CONTINUOUS
A-GLAZ	WINDOWS/GLAZED PARTITION/ SILLS	YELLOW	CONTINUOUS
A-PKNG	PARKING LINES AND STALL NUMBERS	WHITE	CONTINUOUS
A-ROOF	ROOF OUTLINES	WHITE	CONTINUOUS
A-WALL	ARCHITECTURAL WALLS	WHITE	CONTINUOUS
A-ROOF-PATT	ROOF HATCHING / SURFACES	WHITE	CONTINUOUS
L-SITE	EXTERIOR WALKWAYS, STAIRS, PLANTERS ETC.	BLUE	CONTINUOUS
S-GRID	ARCHITECTURAL GRID / BUBBLE	BLUE	CENTERLINE
S-WALL	STRUCTURAL WALLS/ COLUMNS	CYAN	CONTINUOUS

Site Base Map

LAYER NAME	DESCRIPTION	COLOUR	LINETYPE
C-BLDG	BUILDING - FOOTPRINTS	YELLOW	CONTINUOUS
C-BLDG FUTURE	BUILDING - FUTURE	MAGENTA	CONTINUOUS

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C-BLDG-DEMO	BUILDING - DEMOLISHED	11	CONTINUOUS
C-BLDG-NUM	BUILDING - NUMBER	MAGENTA	CONTINUOUS
C-BLDG-NUM-LARGE	BUILDING - NUMBER LARGE	RED	CONTINUOUS
C-BLDG-TEXT	BUILDING - TEXT	MAGENTA	CONTINUOUS
C-BLDG-TEXT-LARGE	BUILDING - TEXT LARGE	RED	CONTINUOUS
C-BLDG-UC-LGTX	BUILDING - UNDER CONSTRUCTION TEXT	MAGENTA	CONTINUOUS
C-BLDG-UNIT-NO	BUILDING UNIT NUMBERS	GREEN	CONTINUOUS
C-PARK-TEXT-LARGE	PARK TEXT	YELLOW	CONTINUOUS
C-PROP-LOT	PROPERTY LOT LINES	WHITE	CONTINUOUS
C-PROP-LOT-EDITS		11	CONTINUOUS
C-PROP-LOT-SC	PROPERTY LOTS LINES - SOUTH CAMPUS	WHITE	CONTINUOUS
C-PROP-LOT-SC-TEXT	PROPERTY LOT TEXT - SOUTH CAMPUS	WHITE	CONTINUOUS
C-PROP-LOT-TEXT	PROPERTY LOT TEXT	WHITE	CONTINUOUS
C-ROAD	ROAD OUTLINES	GREEN	CONTINUOUS
C-ROAD-PKNG	PARKING STALLS	BLUE	CONTINUOUS
C-ROAD-TEXT	ROAD LABELS	GREEN	CONTINUOUS
C-ROAD-TEXT-LARGE	ROAD LABELS - LARGE	RED	CONTINUOUS
C-SITE-MISC	EXTRAS	MAGENTA	CONTINUOUS
C-SITE-TEXT	SITE NAME	MAGENTA	CONTINUOUS
C-SITE-TEXT-LARGE	SITE NAME - TEXT LARGE	RED	CONTINUOUS
C-SURV-MONU-LARGE	MONUMENTS -LARGE	RED	CONTINUOUS
C-SURV-MONU-SMALL	MONUMENTS	WHITE	CONTINUOUS
C-TOPO-HWATER	HIGH WATER LINE	GREEN	CONTINUOUS
C-TOPO-LWATER	LOW WATER LINE	BLUE	CONTINUOUS
C-TOPO-TEXT-LARGE	CLIFF TOP -TEXT LARGE	MAGENTA	CONTINUOUS
C-TOPO-TOSL	CLIFF TOP	MAGENTA	CONTINUOUS
C-WALK	WALKWAY OUTLINES / SLABS	RED	CONTINUOUS
DEDICATED PUBLIC ROADS	DEDICATED PUBLIC ROADS	213	ACAD_ISO10W100
Defpoints	Defpoints	53	CONTINUOUS

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LEASEBORDER	LEASBORDER BOUNDARIES	44	CONTINUOUS
L-GATE-TEXT-LARGE	GATE LABELS - LARGE	YELLOW	CONTINUOUS
L-PLANT	PLANTERS	94	CONTINUOUS
L-SITE-DEMO	DEMOLISHED SITE FEATURES	11	HIDDEN
L-SITE-FENCWALL	GATES/ FENCES	MAGENTA	FENCELINE1
L-SITE-POOL	WATER FEATURES/ PONDS/ FOUNTAIN	BLUE	CONTINUOUS
L-SITE-SPRT	SPORTING AREAS AND FIELDS	9	CONTINUOUS
L-SITE-SPRT-DETAILS	SPORT DETAILS	30	CONTINUOUS
L-SITE-WALL	SITE WALLS	BLUE	CONTINUOUS
L-WALK-CRT	WALKWAY - COURTYARDS	BLUE	CONTINUOUS
L-WALK-PLAZA	WALKWAY - PLAZA	BLUE	CONTINUOUS
UEL BLDG	UEL LAND BOUNDARIES	YELLOW	DASH
UNA LANDS	UNA LAND BOUNDARIES	30	CONTINUOUS
VPORT	VIEWPORT	BLUE	CONTINUOUS

Address Map

LAYER NAME	DESCRIPTION	COLOUR	LINETYPE
G-FUTURE-HATCH	FUTURE DEVELOPMENT	200	Continuous
G-FUTURE-TEXT	FUTURE DEVELOPMENT - TEXT	160	Continuous
G-POSTALAD	POSTAL ADDRESS	10	Continuous
G-POSTALAD-ACADIA	POSTAL ADDRESS - ACADIA	10	Continuous
G-POSTALAD-VST	POSTAL ADDRESS - VST	10	Continuous
G-POSTALAD TEXT	POSTAL ADDRESS - TEXT	10	Continuous

Legal Map

LAYER NAME	DESCRIPTION	COLOUR	LINETYPE
C-LGL-DL	DISTRICT LOTS	red	CONTINUOUS
C-LGL-DL-TEXT	DISTRICT LOTS - TEXT	yellow	CONTINUOUS
C-LGL-EAS	EASEMENT	cyan	CONTINUOUS
C-LGL-EAS-TEXT	EASEMENT TEXT	cyan	CONTINUOUS
C-LGL-HOUS-AREA	HOUSING AREA	10	CONTINUOUS

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C-LGL-LEASE	LEASED AREA	yellow	CONTINUOUS
C-LGL-LN	LEGAL LINE	white	CONTINUOUS
C-LGL-LN-TEXT	LEGAL LINE - TEXT	magenta	CONTINUOUS
C-LGL-LN-TEXT-L	LEGAL LINE TEXT - LARGE	magenta	CONTINUOUS
C-LGL-ROAD-EASMNT	ROAD EASEMENT	12	CONTINUOUS
C-LGL-TEMP	TEMPORARY	10	NONUBC
C-PROP-LOT	PROPERTY LOT	white	CONTINUOUS
C-PROP-LOT-TEXT	PROPERTY LOT TEXT	white	CONTINUOUS
C-SURV-IP	SURVEY IRON PIN	white	CONTINUOUS
C-SURV-MISC	SURVEY MISC	white	CONTINUOUS
C-SURV-MONU	SURVEY MONUMENTS	white	CONTINUOUS
C-SURV-MONU-L	SURVEY MONUMENT -LARGE	red	CONTINUOUS
C-SURV-PKNG-AREA	SURVEY PARKING AREA	30	CONTINUOUS
C-SURV-PKNG1-AREA		31	CONTINUOUS

*****END OF GUIDE*****