

LINEWEIGHTS (EXCEPT AS NOTED)  
EXISTING 0.130 PROPOSED 0.500

BARRIER		
BUILDING		
BUS STOP		
CULVERT		
CONCRETE HATCHING		
CATCH BASIN		
CATCH BASIN (SIDE INLET)		
DRAIN CLEANOUT		
DRAINAGE MANHOLE		
DRAIN WELL/LAWN BASIN		
GAS VALVE		
GRAVEL HATCHING		
ORNAMENTAL LIGHT		
HYDRO GUY WIRE		
HYDRO JUNCTION BOX		
HYDRO MANHOLE		
HYDRO POLE		
HYDRO POLE WITH LIGHT		
IRON PIN		
LAMP STANDARD		
KIOSK		
MAILBOX		
PARK BENCH		
SANITARY CLEANOUT		
SANITARY MANHOLE		
SPOT ELEV.		
STAIRS		
TEST HOLE		
TRAFFIC SIGN		
SURVEY HUB		
SURVEY MONUMENT		
SURVEY LEAD PLUG		
TEL GUY WIRE		
TEL MANHOLE		
TEL POLE		
TRAFFIC SIGNAL POLE		
TRAFFIC SIGNAL POST		
CONIFERIOUS TREE		
DECIDUOUS TREE		
GARDEN		
HEDGE		
LAWN		
SHRUB		
FIRE HYDRANT		
WATER AIR RELEASE VALVE		
WATER BLOWOFF		
WATER METER BOX		
WATER MANHOLE		
WATER STANDPIPE		
WATER VALVE		
WHEEL CHAIR DROP		
WALL		

LINEWEIGHTS (EXCEPT AS NOTED)  
EXISTING 0.130 PROPOSED

EXISTING PIPE, WATER AND MATERIAL TYPE FOR EXISTING & PROPOSED STORM CULTIVETS		
BASELINE		001+0 051+0 005+0 006+0 (0.300)
BREAK LINE	---	---
TRAFFIC CONDUIT	—C—C—C— (0.050)	---
CREEK BOTTOM	---	---
CREEK CENTERLINE	---	---
CREEK TOP		
CROWN OF ROAD	---	---
DITCH C/L & FLOW		
SWALE	→ → →	→ → →
DITCH BOTTOM	---	---
DITCH CENTERLINE	---	---
DITCH TOP		
DRIVEWAY	---	---
EASEMENT/R.O.W.	..... (0.300)	..... (0.300)
FENCE CHAINLINK	○ ○ ○ ○	● ● ● ●
FENCE WOOD	□ □ □ □	■ ■ ■ ■
GAS MAIN	—G—G—G— (0.050)	---
GUTTERLINE	---	---
HYDRO DUCT	—H—H—H— (0.050)	---
LANE MARKING		
STREET LIGHTING	—L—L—L— (0.050)	---
PAVEMENT EDGE	---	10% SHADE
PROPERTY LINE	---	---
RAILWAY TRACKS		---
ROAD R/W	---	---
SANITARY MAIN	—S EX. XXX# MATERIAL S— (0.050)	PROP. XXX# PVC SANITARY MAIN (S&W) PROP. XXX# MATERIAL SANITARY MAIN (0.600)
SIDEWALK EDGE	---	20% SHADE
SLOPE BOTTOM	---	---
SLOPE TOP		
STORM MAIN	—D EX. XXX# MATERIAL D— (0.050)	PROP. XXX# MATERIAL STORM MAIN (0.600)
TEL DUCT	—T—T—T— (0.050)	---
WATER MAIN	—W EX. XXX# MATERIAL W— (0.050)	PROP. XXX# MATERIAL WATER MAIN (0.600)

	HEIGHT (mm)	EXISTING LINEWEIGHT	PROPOSED LINEWEIGHT
SMALL	1.8	0.150	0.300
MEDIUM	2.5	0.150	0.400
LARGE	5.0	0.600	0.600

PLEASE USE SYMBOLS AND LINETYPES SHOWN HERE.

- SYMBOLS ARE IMBEDDED IN DRAWING.
- ZIP FILE OF INDIVIDUAL SYMBOLS ARE AVAILABLE FROM WEBSITE
- LINE TYPES ARE LOCATED ON COA LAYERS,
- LINETYPE FILE IS AVAILABLE

\*IF DIFFERENT SYMBOLS AND LINETYPES ARE USED THE LEGEND NEEDS TO BE UPDATED.

USE VIEWPORT IN  
THIS AREA

ROAD NAME

ROAD NAME

ROAD NAME

ROAD NAME

SHEET LOCATIONS

P-1 0-1

R-100-2

R-100-3

R-100-4

KEY PLAN

The map shows the Fraser Valley region, with the Fraser River flowing through it. The project location is marked with a circle in the upper left quadrant. The map includes labels for various roads, including Fraser Hwy, Highway 1, and several local streets. A north arrow is located in the upper right corner. The map is titled "PROJECT LOCATION" and "LOCATION PLAN (NTS)".

## LOCATION PLAN (NTS)

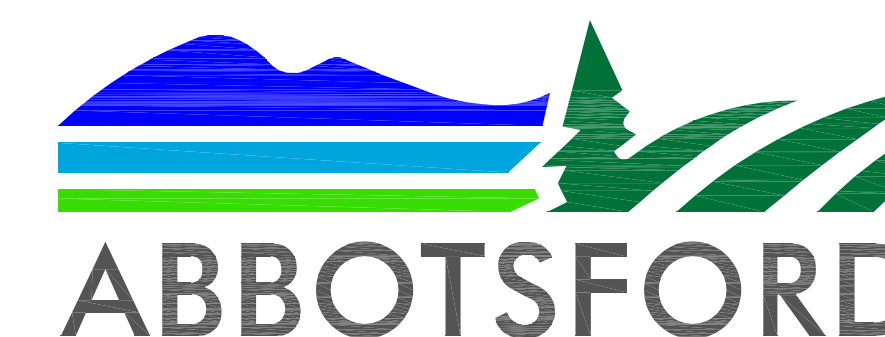
DRAWING INDEX				
SHEET NO.	CONSULT DWG. NO.	COA DWG. NO.	DRAWING DISCIPLINE	DRAWING TITLE
1	X-XXX			COVERSHEET
2	X-XXX			KEYPLAN (OPTIONAL)
3	X-XXX			GENERAL NOTES
4	X-XXX	R-XXX	ROADS	ROAD DESIGN
5	X-XXX	W-XXX	WATER	WATER DESIGN
6	X-XXX	S-XXX	SANITARY	SANITARY DESIGN
7	X-XXX	D-XXX	STORM	STORM DESIGN
8	X-XXX	L-XXX	LIGHTING	STREET LIGHTING DESIGN
9	X-XXX	T-XXX	TRAFFIC	TRAFFIC SIGNAL DESIGN
1	X-XXX	R-1100		COVERSHEET
2	X-XXX	R-1100		KEYPLAN
3	X-XXX	R-1100		GENERAL NOTES
4	X-XXX	R-1100	ROADS	PROP. ROADWORKS – MCCALLUM RD. (1 OF 7)
5	X-XXX	R-1100	ROADS	PROP. ROADWORKS – MCCALLUM RD. (2 OF 7)
6	X-XXX	R-1100	ROADS	PROP. ROADWORKS – MCCALLUM RD. (3 OF 7)
7	X-XXX	R-1100	ROADS	PROP. ROADWORKS – BUSBY RD. (4 OF 7)
8	X-XXX	R-1100	ROADS	PROP. ROADWORKS – HILLSIDE DR. (5 OF 7)
9	X-XXX	R-1100	ROADS	PROP. ROADWORKS – CLARKE DR. (6 OF 7)
10	X-XXX	R-1100	ROADS	PROP. ROADWORKS – DETAILS (7 OF 7)
11	X-XXX	W-900	WATER	PROP. WATER MAIN – WILDWOOD DR. & BEECHWOOD DR. (1 OF 1)
12	X-XXX	W-901	WATER	PROP. WATER MAIN – VICTORY BLVD (1 OF 5)
13	X-XXX	W-901	WATER	PROP. WATER MAIN – MOULDSTADE RD. (2 OF 5)
14	X-XXX	W-901	WATER	PROP. WATER MAIN – MOULDSTADE RD. (3 OF 5)
15	X-XXX	W-901	WATER	PROP. WATER MAIN – MCKENZIE RD. (4 OF 5)
16	X-XXX	W-901	WATER	PROP. WATER MAIN – DETAILS (5 OF 5)
17	X-XXX	S-450	SANITARY	PROP. SANITARY MAIN – ROCKLAND AVE. (1 OF 1)

PLEASE ADD SERIES OF DRAWING  
NUMBERS FOR EACH DRAWING  
DISCIPLINE. (SAMPLE)

## SAMPLE PROJECT DRAWING INDEX

PLEASE DO NOT RE-ARRANGE OR  
CHANGE COVERSHEET ITEMS

CONSULTANT  
COMPANY LOGO  
AND COMPANY ADDRESS



PROJECT NAME  
PROJECT LOCATION  
SAP NO.:  
COA CONTRACT NO.:  
CONSULTANT PROJECT NO.:

PAGE FRAME LINES  
LAYER NAME = FRAME  
PLOT STYLE = STYLE 5  
LINWEIGHT = 0.700


CITY OF ABBOTSFORD DRAWING  
NUMBER LOCATION  
LARGE FRAME TEXT  
TEXT STYLE = ROMANS  
TEXT HEIGHT = 0.0075  
LAYER NAME = FRAME-TEXT  
PLOT STYLE = STYLE 5  
LINWEIGHT = 0.700

```
MEDIUM FRAME TEXT
TEXT STYLE = ROMANS
TEXT HEIGHT = 0.005
LAYER NAME = FRAME-TEXT
PLOT STYLE = STYLE 5
LINEWEIGHT = 0.700
```

```
FRAME TEXT
TEXT STYLE = ROMANS
TEXT HEIGHT = 0.002
LAYER NAME = FRAME-TEXT
PLOT STYLE = STYLE 7
LINEWEIGHT = 0.300
```

INDIVIDUAL DISCIPLINE SHEET NUMBERS (FROM 'DRAWING TITLE' COLUMN ON COVER SHEET DRAWING INDEX) THIS IS THE TOTAL NUMBER OF PAGES FOR AN INDIVIDUAL DRAWING DISCIPLINE SUCH AS ROADS, WATER, SANITARY, STORM, LIGHTING AND TRAFFIC

COA GRID NUMBER, AVAILABLE FROM WEBMAP

 CITY OF ABBOTSFORD  
LOGO

GRID NO. ## DISCIPLINE SHEET NO. ## OF ## COA DWG. NO.         

A diagram illustrating the relationship between drawing order, project street location, street to street, and consultant area. The diagram shows a sequence of steps: DRAWING ORDER, PROJECT STREET LOCATION, STREET TO STREET, and CONSULTANT AREA. Arrows indicate the flow from DRAWING ORDER to PROJECT STREET LOCATION, and from PROJECT STREET LOCATION to STREET TO STREET. A red line connects STREET TO STREET to CONSULTANT AREA. Below the main sequence, the text 'PAGE FRAME - DRAFTING STANDARDS' is visible.

DWG. NO.

PROJECT SHEET NUMBERS (FROM FIRST COLUMN ON COVER SHEET DRAWING INDEX)  
THIS IS THE SERIES OF SHEET NUMBERS FOR ENTIRE PROJECT.

COA CONTRACT NUMBER, AVAILABLE FROM  
PROJECT MANAGER

SAP ACCOUNTING NUMBER, AVAILABLE FROM  
PROJECT MANAGER

DATE DESIGN STARTED

INTERIOR PAGE FRAME LINES  
LAYER NAME = FRAME  
PLOT STYLE = STYLE 118  
LINWEIGHT = 0.150

REVISION ENTRY TO BE LEFT  
JUSTIFIED AS SHOWN

DATE FORMAT: YEAR MONTH DAY  
EXAMPLE: 2010 06 15  
PLEASE DO NOT USE DASHES,  
SLASHES, OR PERIODS. (TYPICAL  
FOR ALL DATE LOCATIONS)

PLACE COMPANY  
LOGO HERE

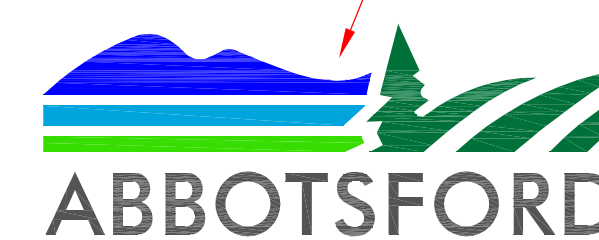
CONSULTANT  
INFORMATION AREA

1	YEAR	MM	DD	XX	DESCRIPTION	XX	XX
NO	DATE			RY		TECH	ENG
					REVISIONS		

ENGINEER SEAL

DATE:	YEAR	MM	DD
DRAWN:	00		
DESIGN:	00		
SCALE HOR.	1	:	50
SCALE VER.	1	:	50

PROJECT SHEET NUMBERS:	# OF #
COA CONTRACT NUMBER:	00000
COA SAP NO.:	00000



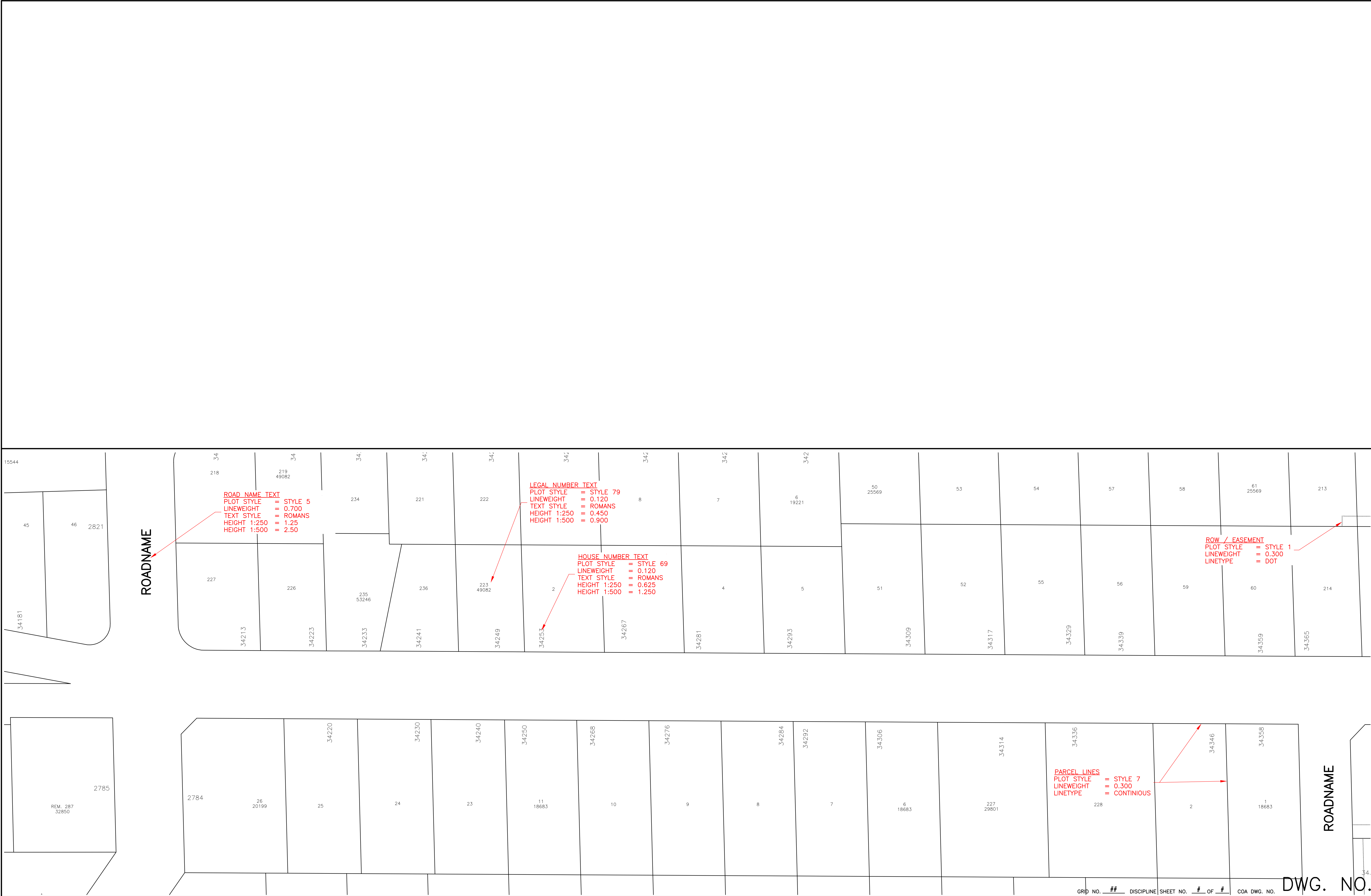
PLEASE KEEP DRAWING  
INFO IN THIS ORDER

CONSULTANT PROJECT NO.: 000000

CONSULTANT DWG. NO.:

LOCATION FOR GAS,  
ELECTRICAL, TEL, & CABLE  
UTILITIES TO BE VERIFIED

FRAME REV. 2010 06 07



FILE LOCATION

LOCATION FOR GAS, ELECTRICAL, TEL, & CABLE UTILITIES TO BE VERIFIED

ENGINEER:

NO.	DATE	BY	REVISIONS	TECH. ENG.

DATE: YEAR MM DD

DRAWN: 00

DESIGN: 00

SCALE HOR. 1 : 500

SCALE VER. 1 : 50

PROJECT SHEET NUMBERS:

# OF #

COA CONTRACT NUMBER: 00000

COA SAP NO.: 00000

PROJECT STREET LOCATION

STREET TO STREET

LEGAL BASE – DRAFTING STANDARDS

CONSULTANT PROJECT NO.: 000000

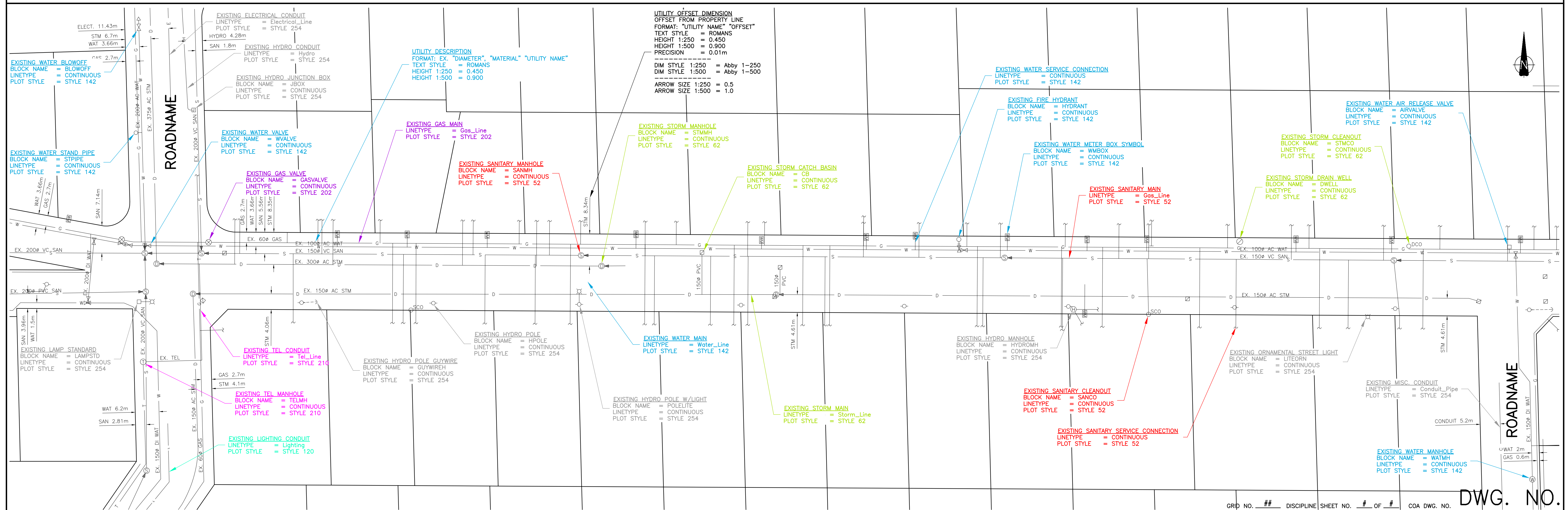
CONSULTANT DWG. NO.: 00000

DWG. NO.



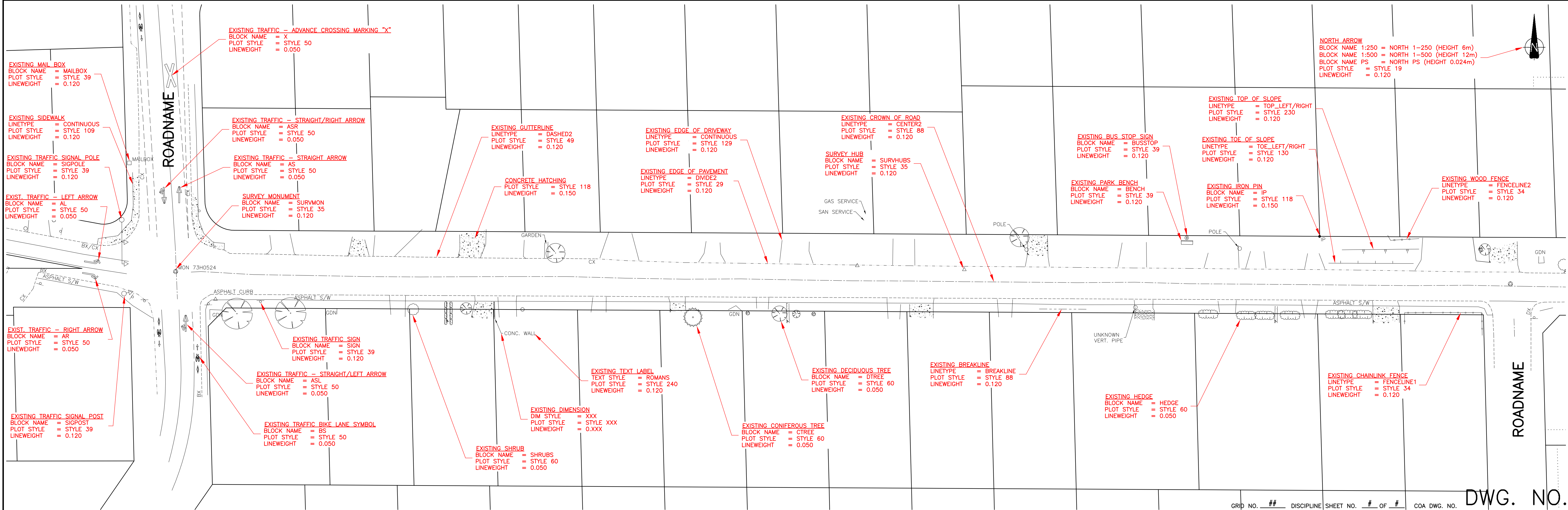
NOTES:

1. ALL EXISTING UTILITY LINEWORK AND SYMBOLS TO BE 0.050 LINEWEIGHT
2. ALL UTILITY LINEWORK TEXT HEIGHT:  
1:250 = 0.375  
1:500 = 0.750
3. ALL SERVICE CONNECTIONS TO BE CONTINUOUS LINETYPE AND 0.050 LINEWEIGHT
4. ALL LINETYPES AVAILABLE IN COA TEMPLATE FILE
5. LINETYPE FILE ALSO AVAILABLE SEPARATELY



DWG. NO.

[illegible]



FILE LOCATION

LOCATION FOR GAS, ELECTRICAL, TEL, & CABLE UTILITIES TO BE VERIFIED

ENGINEER:

NO.	DATE	BY	REVISIONS	TECH. ENG.

DATE: YEAR MM DD

DRAWN: 00

DESIGN: 00

SCALE HOR. 1 : 500

SCALE VER. 1 : 50

PROJECT SHEET NUMBERS:

# OF #

COA CONTRACT NUMBER: 00000

COA SAP NO.: 00000

ABBOTSFORD

PROJECT STREET LOCATION

STREET TO STREET

EXISTING FEATURES – DRAFTING STANDARDS

CONSULTANT PROJECT NO.: 000000

CONSULTANT DWG. NO.: 000000

FILE LOCATION

DWG. NO.













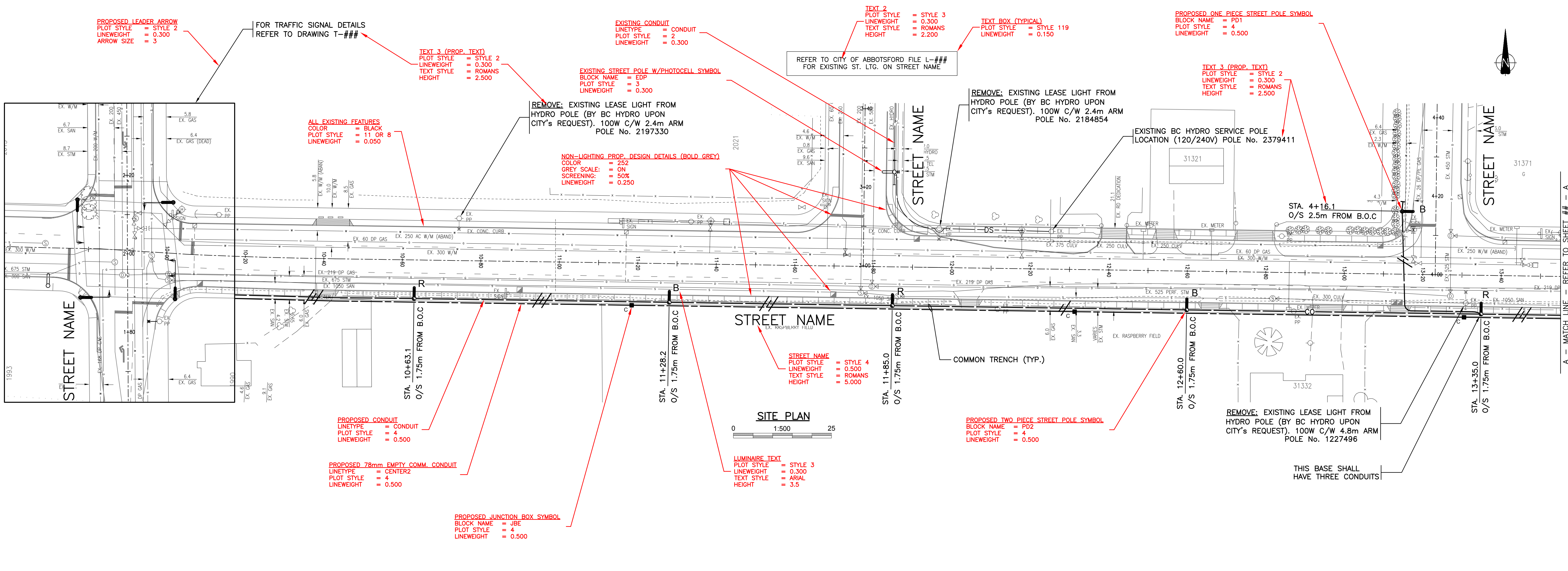












USE SYMBOLS AS SHOWN

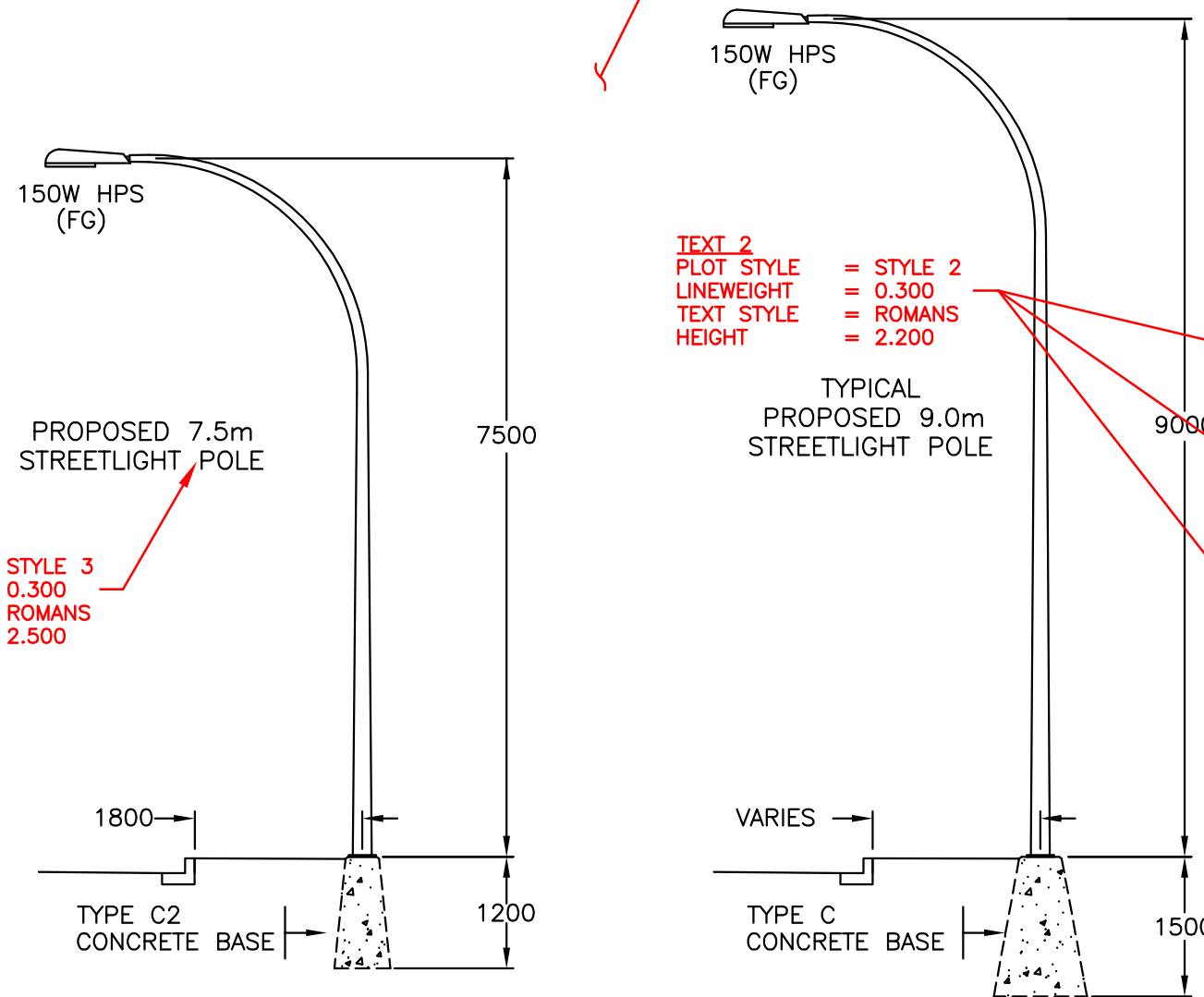
USE LEGEND AS SHOWN

- LEGEND**
- PROPOSED ONE PIECE DAVIT STREETLIGHT POLE (9.0m - 150W H.P.S.) IES TYPE 2 MC DIST. FLAT GLASS LUMINAIRE ON A TYPE C CONCRETE BASE (UNLESS OTHERWISE NOTED). REFER TO SHEET 03 FOR DETAILS. (LINEWEIGHT= 0.300 - BLOCK= PD1)
  - PROPOSED MoTi STYLE TWO PIECE DAVIT STREETLIGHT POLE (13.5m - 400W H.P.S.) IES TYPE 2 MC DIST. FLAT GLASS LUMINAIRE ON AN MoTi STYLE TYPE D2 CONCRETE BASE (UNLESS OTHERWISE NOTED). REFER TO SHEET 03 FOR DETAILS. (LINEWEIGHT= 0.300 - BLOCK= PD2)
  - EXISTING DAVIT STREETLIGHT POLE (LINEWEIGHT= 0.300 - BLOCK= LT)
  - EXISTING DAVIT STREETLIGHT POLE C/W PHOTOCELL AND SERVICE PANEL (LINEWEIGHT= 0.300 - BLOCK= EDP)
  - PROPOSED CONCRETE JUNCTION BOX (5686) C/W BONDED GALVANIZED STEEL LID LABELED "ELEC" (LINEWEIGHT= 0.500 - BLOCK= JBE - TEXT HEIGHT= 2.500 - STYLE= ARIAL)
  - PROPOSED CONCRETE JUNCTION BOX (NUMBER DENOTES TYPE) C/W BONDED GALVANIZED STEEL LID LABELED "ELEC" (LINEWEIGHT= 0.500 - BLOCK= JBE - TEXT HEIGHT= 2.500 - STYLE= ARIAL)
  - PROPOSED CONCRETE JUNCTION BOX (5686) C/W BONDED GALVANIZED STEEL LID LABELED "CoA COMM" (LINEWEIGHT= 0.500 - BLOCK= JBE - TEXT HEIGHT= 2.500 - STYLE= ARIAL)
  - EXISTING CITY OF ABBOTSFORD TYPE 5686 COMMUNICATIONS JUNCTION BOX (LINEWEIGHT= 0.300 - BLOCK= JB - TEXT HEIGHT= 2.500 - STYLE= ARIAL)
  - LUMINAIRE ON RED PHASE CONDUCTOR (LINEWEIGHT= 0.300 - TEXT HEIGHT= 3.500 - TEXT STYLE= ARIAL)
  - LUMINAIRE ON BLACK PHASE CONDUCTOR (LINEWEIGHT= 0.300 - TEXT HEIGHT= 3.500 - TEXT STYLE= ARIAL)
  - PROPOSED 3 No. 6 RW90 ST. LTG. AND 1 No. 8 RW90 BOND IN 35mm RPVC (LINEWEIGHT= 0.500 - LINETYPE= CONDUIT)
  - PROPOSED 2 No. 6 RW90 ST. LTG. AND 1 No. 8 RW90 BOND IN 35mm RPVC (LINEWEIGHT= 0.500 - LINETYPE= CONDUIT)
  - EXISTING CONDUIT AND CONDUCTORS (LINEWEIGHT= 0.300 - LINETYPE= CONDUIT)
  - PROPOSED 78mm RPVC COMMUNICATIONS CONDUIT (EMPTY) (LINEWEIGHT= 0.500 - LINETYPE= CENTER2)
  - PROPOSED 35mm RPVC STUB OUT (CAP & MARK LOCATION) (LINEWEIGHT= 0.500)
  - PROPOSED 35mm RPVC CONDUIT ONLY (LINEWEIGHT= 0.500 - LINETYPE= AS SHOWN - TEXT STYLE= ROMANS - TEXT HEIGHT= 2.500)
  - EXISTING 53mm RPVC U/G DIP SERVICE CONDUIT C/W 3 No. 6 FEEDERS (LINEWEIGHT= 0.300 - LINETYPE= AS SHOWN - TEXT STYLE= ROMANS - TEXT HEIGHT= 2.500)
  - EXISTING RPVC COMMUNICATIONS CONDUIT (EMPTY) (LINEWEIGHT= 0.300 - LINETYPE= CENTER2)
  - BC HYDRO POLE (LINEWEIGHT= 0.300 - BLOCK= TPL)

- NOTES**
- ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2000 MASTER MUNICIPAL CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, THE CANADIAN ELECTRICAL CODE, AND CITY OF ABBOTSFORD SPECIFICATIONS.
  - ALL CONDUCTORS SHALL BE RW90 XLPE STRANDED COPPER.
  - STAGGER CONNECTIONS IN EACH POLE SO THAT ONE LUMINAIRE CONNECTS TO BLACK PHASE CONDUCTOR AND OTHER TO RED.
  - CONDUCTORS INSIDE POLES SHALL BE NO.12 RW90 UNLESS OTHERWISE NOTED.
  - A TRON HEB SERIES WEATHERPROOF FUSE HOLDER, C/W A 10A BUSS KTK 10 FUSE AND 2 'L' TYPE INSULATING BOOTS, SHALL BE INSTALLED ON EACH LUMINAIRE LIVE CONDUCTOR IN THE HANDHOLE.
  - LUMINAIRES SHALL BE BONDED WITH A NO.12 RW90 BONDING CONDUCTOR FROM THE HANDHOLE OF THE POLE TO THE LUMINAIRE.
  - LUMINAIRES SHALL HAVE FLAT GLASS LENS (GE M250A2 OR EQUIVALENT, WITH FULL CUTOFF OPTICS). LAMP SHALL BE CLEAR HIGH PRESSURE SODIUM, NON-CYCLING TYPE.
  - ALL POLES AND SERVICE BASES SHALL BE GALVANIZED.
  - ALL STREET LIGHTS SHALL BE INSTALLED C/W WIRE SENTRY ANTI-THEFT PLATES.
  - ALL HANDHOLE COVERS SHALL BE A CITY OF ABBOTSFORD APPROVED ANTI-THEFT TYPE. ANTI-THEFT BOLTS SUPPLIED BY THE CITY OF ABBOTSFORD AT CONTRACTOR'S EXPENSE.
  - ALL STREET LIGHTS SHALL BE 1.5M CLEAR OF ALL DRIVEWAYS.
  - SEE BC HYDRO STANDARDS FOR SERVICE CONNECTION DETAILS.
  - CONTRACTOR SHALL ARRANGE FOR EXACT SERVICE LOCATION(S) WITH BC HYDRO PRIOR TO COMMENCING CONSTRUCTION.
  - CONTRACTOR SHALL ADVISE CITY WORKS INSPECTOR A MINIMUM 48-HOURS IN ADVANCE OF INSTALLATION OF CONDUIT AND LAMP STANDARDS.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE ADEQUACY OF THE EXISTING STREETLIGHTING SERVICE, CONDUIT AND CONDUCTORS AND MAKE ALL THE NECESSARY REPAIRS TO ADEQUATELY COMPLETE ALL CONNECTIONS INTO THE EXISTING STREETLIGHTING SYSTEM.

TEXT 4 (TITLE)  
PLOT STYLE = STYLE 2  
LINEWEIGHT = 0.300  
TEXT STYLE = ROMANS  
HEIGHT = 3.500

**PROPOSED STREET POLE ELEVATIONS**



USE POLE ELEVATIONS AS SHOWN, MODIFY IF REQUIRED

- NOTES**
- REFER TO SHEET 03 FOR COMM CONDUIT ENTRY INTO JB DETAIL.
  - CONDUIT ROUTING IS DIAGRAMMATIC ONLY. ALL CONDUIT & EQUIPMENT SHALL BE PLACED WITHIN CITY RIGHT OF WAY & AT OFFSET AS NOTED.

**STREET LIGHTING DESIGN CRITERIA**

ITEM	DESIGN REQUIREMENTS	DESIGN ACHIEVED
STREET NAME(S)	STREET NAME (FROM STA 10+00 TO 14+80)	
PEDESTRIAN ACTIVITY	LOW	
ROAD CLASSIFICATION	ARTERIAL	
ILLUMINATION TYPE	400W H.P.S. (13.5m DAVIT POLE)	
SPACING (MAX)	75.0m ONE SIDED	
ILLUMINANCE LEVEL (AVG.)	9.0 LUX	11.8 LUX
ILLUMINANCE UNIFORMITY RATIO (AVG.:MIN.)	3.0:1	2.6:1
TOTAL LLF (4 YEAR RELAMP INTERVAL)		0.78

**OVERHEAD POWER LINE CONFLICTS**

CONTRACTOR SHALL CONFIRM ON SITE PRIOR TO CONSTRUCTION THAT POLES & EQUIPMENT WILL MEET WorkSafeBC CLEARANCE REQUIREMENTS FOR OVERHEAD PRIMARY AND SECONDARY LINES. CONTRACTOR TO REPORT ANY CONFLICTS OR DISCREPANCIES TO CONSULTANT.

**CHECK BEFORE YOU DIG**

CONTRACTOR SHALL REFER TO MUNICIPAL RECORD / CIVIL DESIGN DRAWINGS FOR ALL OTHER UTILITIES, SERVICE LOCATIONS, AND DETAILS. THE EXACT LOCATION OF THESE UTILITIES SHALL BE DETERMINED ON SITE BY THE CONTRACTOR.

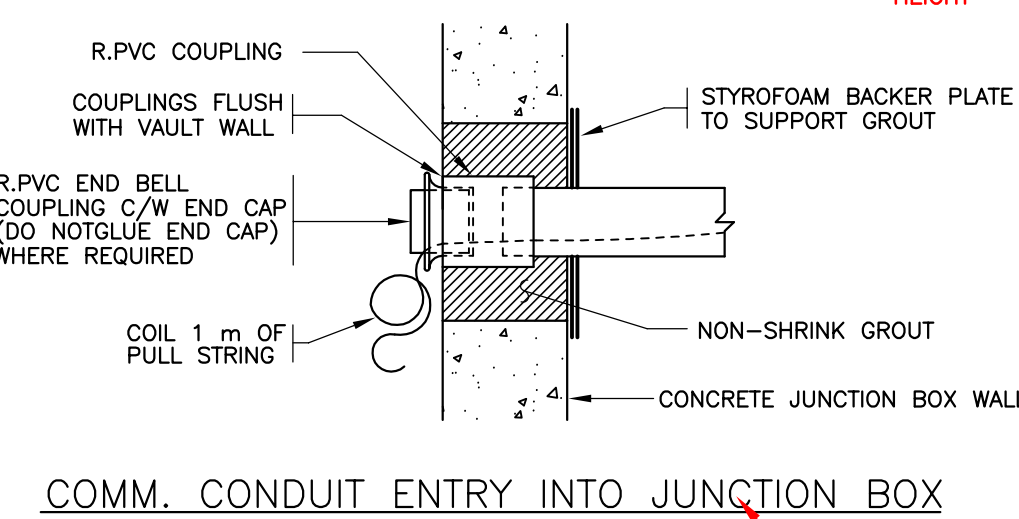
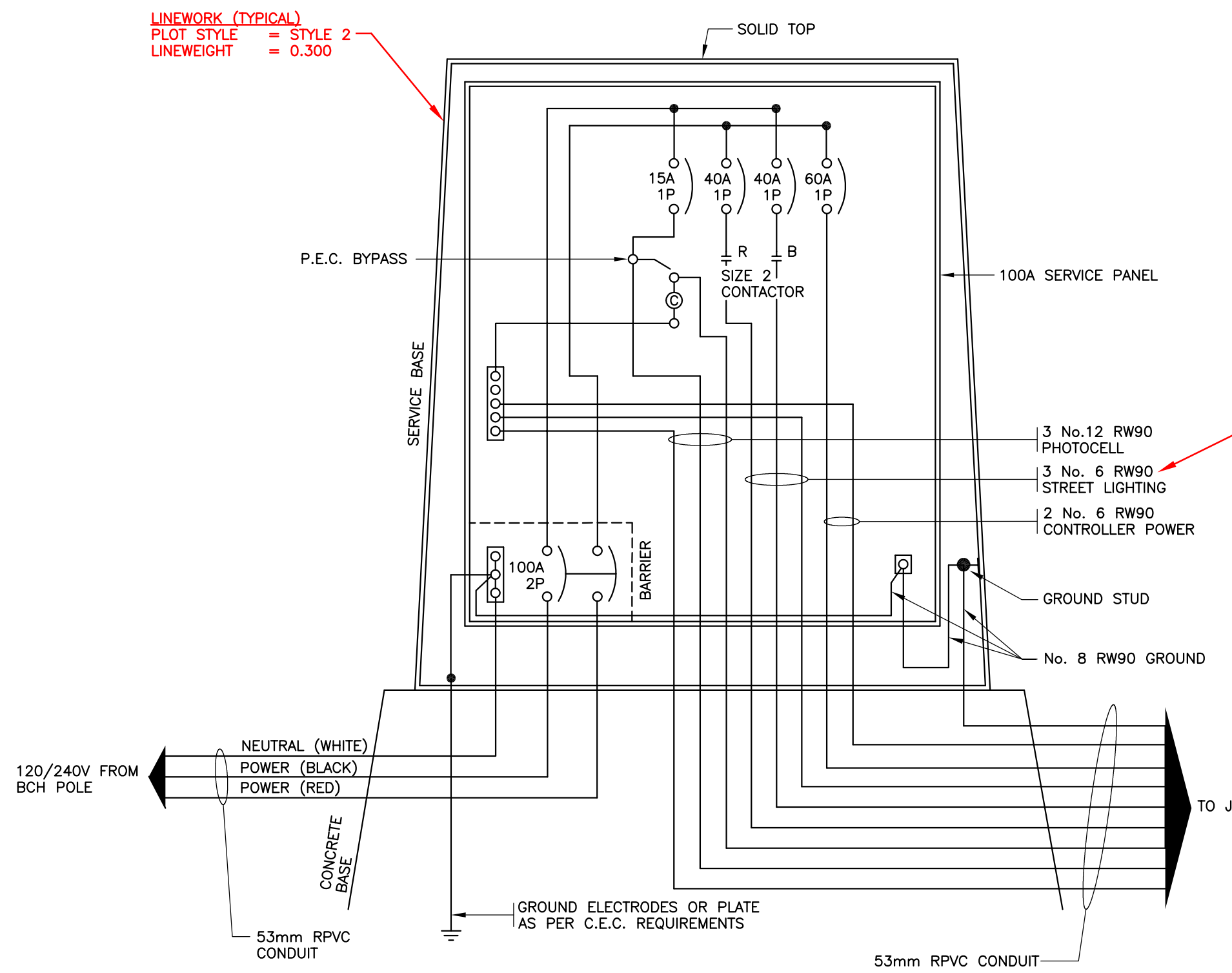
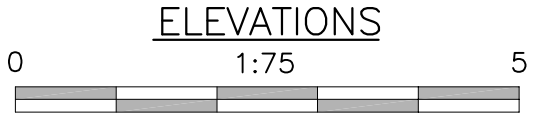
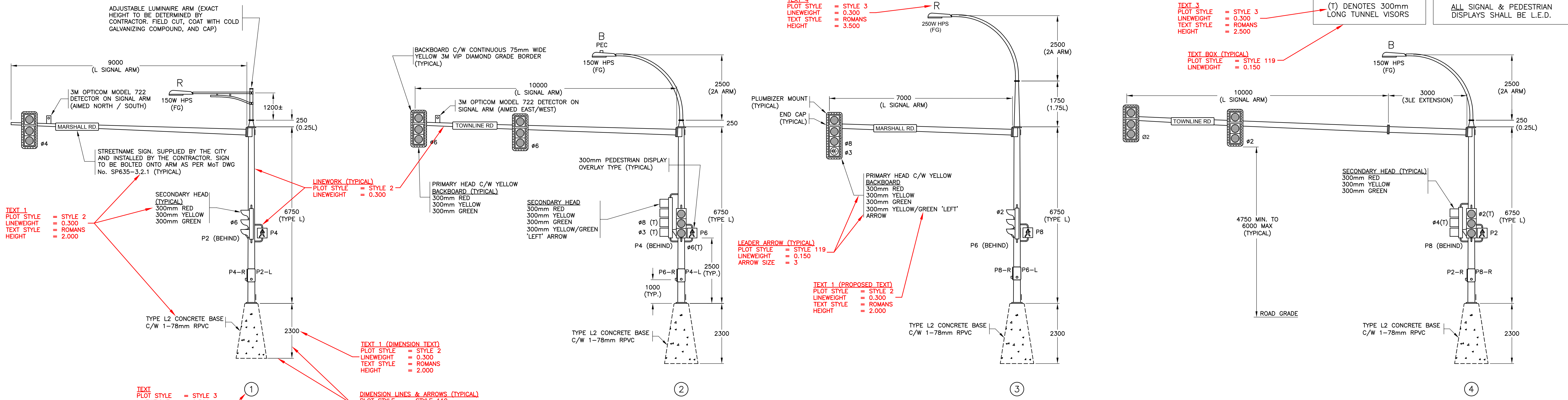
COA LIGHTING NUMBER

L-XXX









DETECTOR LOOP DETAILS							
LOOP				INDUCTANCE			PHASE
LOOP No.	SIZE	TURNS	LEAD	LOOP	LEAD	TOTAL	
L 1	1.8m x 1.8m	4	120	6	126	126	Ø2
L 2	1.8m x 1.8m	4	120	6	126	126	Ø2
L 3	1.8m x 1.8m	4	120	6	126	126	Ø2
L 4	1.8m x 1.8m	4	120	6	126	126	Ø2
L 5	1.8m x 1.8m	4	120	26	146	146	Ø4
L 6	1.8m x 1.8m	4	120	26	146	146	Ø4
L 7	1.8m x 1.8m	4	120	26	146	146	Ø4
L 8	1.8m x 1.8m	4	120	26	146	146	Ø4
L 9	1.8m x 1.8m	4	120	44	164	164	Ø6
L10	1.8m x 1.8m	4	120	44	164	164	Ø6
L11	1.8m x 1.8m	4	120	44	164	164	Ø6
L12	1.8m x 1.8m	4	120	44	164	164	Ø6
L13	1.8m x 1.8m	4	120	22	142	142	Ø8
L14	1.8m x 1.8m	4	120	22	142	142	Ø8
L15	1.8m x 1.8m	4	120	22	142	142	Ø8
L16	1.8m x 1.8m	4	120	22	142	142	Ø8
L17	1.8m x 1.8m	4	120				
L18	1.8m x 1.8m	4	120	40	280	280	Ø3

- THE CITY OF ABBOTSFORD SHALL SUPPLY THE FOLLOWING MATERIALS FOR INSTALLATION BY THE CONTRACTOR.
- ONE (1) P44-DD STYLE TRAFFIC SIGNAL CONTROLLER CABINET COMPLETE WITH INTERNAL COMPONENTS AND EXTENSION BASE
  - FOUR (4) OVERHEAD STREETNAME SIGNS
  - TWO (2) GTT OPTICOM 722 DETECTORS

RECOGNIZED PRODUCT LIST			
PRODUCT	MANUFACTURER	SPECIFICATION	REMARKS
LUMINAIRES	GENERAL ELECTRIC	M400A	FLAT GLASS (TYPE 3 MCO DIST.) C/W MAG-REG OR CWA BALLAST
HID LAMPS	PHILLIPS	M.o.T.I.	NON-CYCLING
	OSRAM-SYLVANIA	M.o.T.I.	
	GE LIGHTING	M.o.T.I.	
SIGNAL POLES & ANCHOR BOLTS	WEST COAST ENG.	M.o.T.I.	GALVANIZED
	NOVA POLE		
SIGNAL HEADS	ECONOLITE	M.o.T.I.	ALUMINUM, GREEN COLOUR
	EAGLE	M.o.T.I.	
PEDESTRIAN HEADS (1 SECTION)	ECONOLITE	M.o.T.I.	300mm SQUARE OPENING ALUMINUM, GREEN COLOUR
SIGNAL MOUNTING HARDWARE	GREENLITE TRAFFIC	M.o.T.I.	
PUSHBUTTONS	POLARA ENGINEERING	BULLDOG	ROUND STYLE BDL2-GREEN, WITH MOMENTARY LED
L.E.D. DISPLAYS (REDS, GREENS, YELLOWS, YELLOW/GREEN ARROW & WALK/DON'T WALK)	DIALIGHT	M.o.T.I.	CURRENT ITE SPEC.
PUSHBUTTON MOUNTING PLATE	GREENLITE TRAFFIC	GEL-239	BLACK ON WHITE BACKGROUND
JUNCTION BOX	AE CONCRETE	M.M.C.D. / M.o.T.I.	LABELLED "ELEC" / "COMM"
DETECTOR CABLE	TEXCAN	IMSA SPEC 50-2	2 CONDUCTOR-No.16 STRANDED
DETECTOR LOOP TAGS	PANDUIT	MP-250-C	
OPTICOM CABLE	3M	M138 DETECTOR CABLE	
SERVICE PANEL	VALID MANUFACTURING	M.M.C.D.	STAINLESS STEEL REFER TO WIRING DIAGRAM
	WEST COAST ELECTRIC		
SIGNAL CABLE	TEXCAN	CLMTO	STRANDED

# SERVICE CARD COMPLETION INSTRUCTIONS FOR CAPITAL PROJECTS

TRANSFER OVER EXISTING SERVICE CARD  
INFORMATION THAT IS REMAINING IN FIELD  
(i.e. STORM/SANITARY). CONVERT IMPERIAL  
TO METRIC IF REQUIRED

ALL DATA IN THIS BOX IS AVAILABLE  
IN THE GENERAL PROPERTY REPORT  
FROM WEBMAP (FOLIO NUMBER IS  
SAME AS ROLL NUMBER)

ROLL NUMBER				
XXXXX-XXXX-X				
LEGAL DESCRIPTION				
LOT	1/4	SEC	T.P.	PLAN
XXX	XXX	XXX	XXX	XXXXX
P.I.D.				
XXX-XXX-XXX				



## SERVICE RECORD CARD

ADDRESS OF PROPERTY	
<b>HOUSE NUMBER</b>	<b>STREET NAME</b>

MAP GRID : X-XX

USE DATE FROM  
ORIGINAL SERVICE CARD

USE "Capital Replacement"  
FOR PERMIT NUMBER

SUBSTANTIAL COMPLETION DATE

NEW SERVICE CONNECTION  
INFO (i.e. WATER)

KEEP ORIGINAL DRAWING IF STILL  
VALID AND ADD NEW DRAWING(S)

METRIC	WATER	SANITARY SEWER	STORM SEWER
DATE of APPLICATION	year/mm/dd	year/mm/dd	year/mm/dd
PERMIT NUMBER	Capital Replacement	XXXX	XXXX
INSTALLATION DATE	year/mm/dd	year/mm/dd	year/mm/dd
SIZE of SERVICE	XXXmmØ	XXXmmØ	XXXmmØ
LOCATION @ P.L.	X.Xm X of X	X.Xm X of X	X.Xm X of X
INVERT @ P.L.		XXXXm	XXXXm
LENGTH of CONNECTION	XXXXm	XXXXm	XXXXm
METER SIZE & TYPE	XXXX		
DEPTH OF MAIN	XXXXm	XXXXm	XXXXm
DIST. from WYE to M.H.		XXXXm	XXXXm
MEASURED from M.H. No.		XXXX	XXXX
RISER YES / NO		YES / NO	YES / NO
TYPE of PIPE	XXXX	XXXX	XXXX

M.B.E. XXXXXX	TOP of CURB @ CENTRELINE XXXXXX	G.P.E. XXXXXX
SUB / DWG.No. XXX	FILE No. XXX	DEV. / ENG.TECH. XXX
INSP. XXX		

COMMENTS	
X	TRANSFER ANY COMMENTS FROM THE OUTDATED SERVICE CARD THAT ARE STILL APPLICABLE.

REV. 2011-12-01

ALL FRAME TEXT AND FRAME  
LINEWORK TO BE 0.150 LINEWEIGHT

ENTER COMPANY NAME HERE

ENTER DATE CARD  
WAS UPDATED

**WATER** W **SANITARY** S **STORM** D

**SAMPLE**

STREET NAME

TEXT HEIGHT = 2.50

TEXT HEIGHT = 1.10

TEXT HEIGHT = 2.00 (TYP.)

TEXT HEIGHT = 1.50 (TYP.)

HOUSE ADDRESS

9m WAT

22.8m SAN

14.9m STM

XX ##

XX ##

XX ##

PLACE ENTIRE LOT FRONTING  
SERVICE CONNECTIONS IN  
DRAWING FRAME

ALL SERVICE CONNECTIONS  
TO BE 0.500 LINEWEIGHT.

CENTER MIDPOINT OF  
LOT IN DRAWING FRAME

USE LINETYPES AS SHOWN.

LINEWEIGHTS OF EXISTING UTILITIES AND PARCELS TO BE 0.150

LINEWEIGHT OF SERVICE CONNECTIONS TO BE 0.500

ALL TEXT IN DRAWING AREA TO BE ROMANS

USE TEXT HEIGHTS AS LABELED

ONLY SHOW SERVICES FOR SUBJECT LOT

PREPARED BY: XXXXXXXXXXXX

DATE: year/mm/dd

### NOTES:

- COMPLETE SERVICE CARDS ARE REQUIRED
- TRANSFER SERVICE CARD INFORMATION FROM EXISTING SERVICE CARDS FOR ANY EXISTING SERVICES THAT ARE REMAINING IN FIELD
- ADD OFFSET FROM PROPERTY LINES AS SHOWN IN SAMPLE
- ADD HOUSE NUMBER AS SHOWN IN SAMPLE
- ADD REFERENCED MANHOLES INCLUDING LABEL AS SHOWN IN SAMPLE
- CONSULTANT IS NOT RESPONSIBLE FOR VERIFICATION OF EXISTING SERVICES TRANSFERRED, BUT ARE RESPONSIBLE FOR ACCURACY AND COMPLETENESS OF TRANSFER
- A MULTIPAGE PDF FILE IS REQUIRED FOR REVIEW.
- A MULTIPAGE PDF FILE AND AUTOCAD DRAWING WITH PLOT STYLE TABLE WILL BE REQUIRED FOR FINAL DELIVERABLE



- PLEASE DOUBLE-CLICK ON TEXT FIELD ("XXXXXX") TO ENTER DATA
- PLEASE USE FORMATTING AS SHOWN

ADD WATER ASBUILT  
NUMBER (IF APPLICABLE)  
IF NOT PLEASE ADD "N/A"

STREET NAME HYDRANT  
IS LOCATED ON OR  
"ON SITE" NOTE

ADDRESS OF  
CLOSEST CITY LOT



## LOCATION

# NEW FIRE HYDRANT No. \_\_\_\_\_

## FIELD INSTALLATION REPORT

Hydrant Address XXXX XXXX  
House No. Street Name

Water drawing no. W-XXX

Hydrant Location XXXXXXXX XXX m. N S E W\* of the N S E W\* Property line  
Street Name Offset Distance

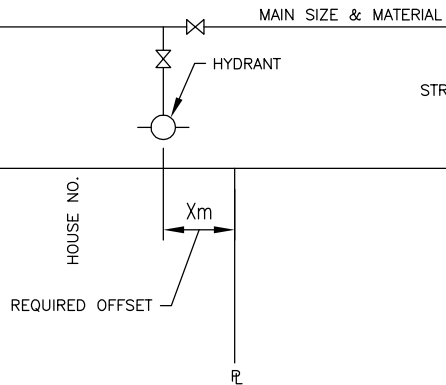
## SKETCH



ROAD R/W

STREET NAME

ROAD R/W



## DETAILS

Hydrant Valve		Hydrant
Size XXXX mm	Located <u>XXXX</u> m	Make <u>XXXXXXXXXX</u>
	N S E W* of Hydrant	Type <u>XXXXXXXXXX</u>

Remarks \_\_\_\_\_

CONTRACTOR FIRM NAME

CONSULTANT FIRM NAME

Installed By: XXXXXXXXXX Date: XXXX XX XX  
year mm dd

Recorded By: XXXXXXXXXX Date: XXXX XX XX  
year mm dd

Distribution: - Fire Department  
- Public Works Records  
- Waterworks Operations

\*Circle Correct Designation

REV. 2011 10 07