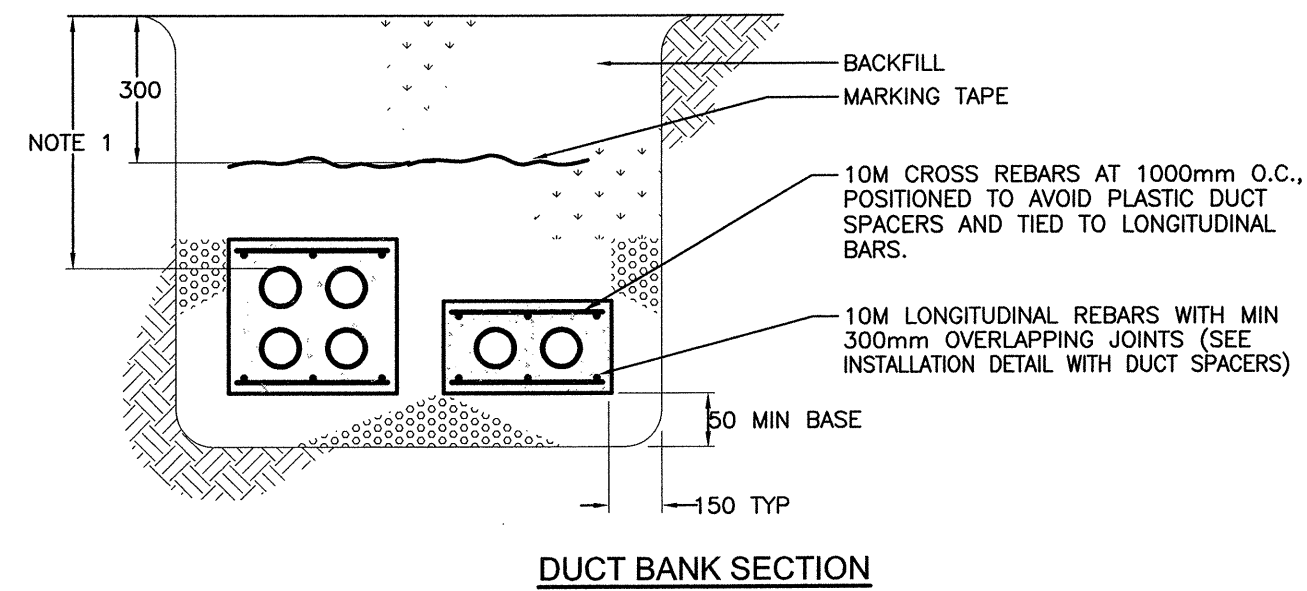


TYPICAL DUCT INSTALLATION WITH PLASTIC SPACERS

TYPICAL DIMENSIONS

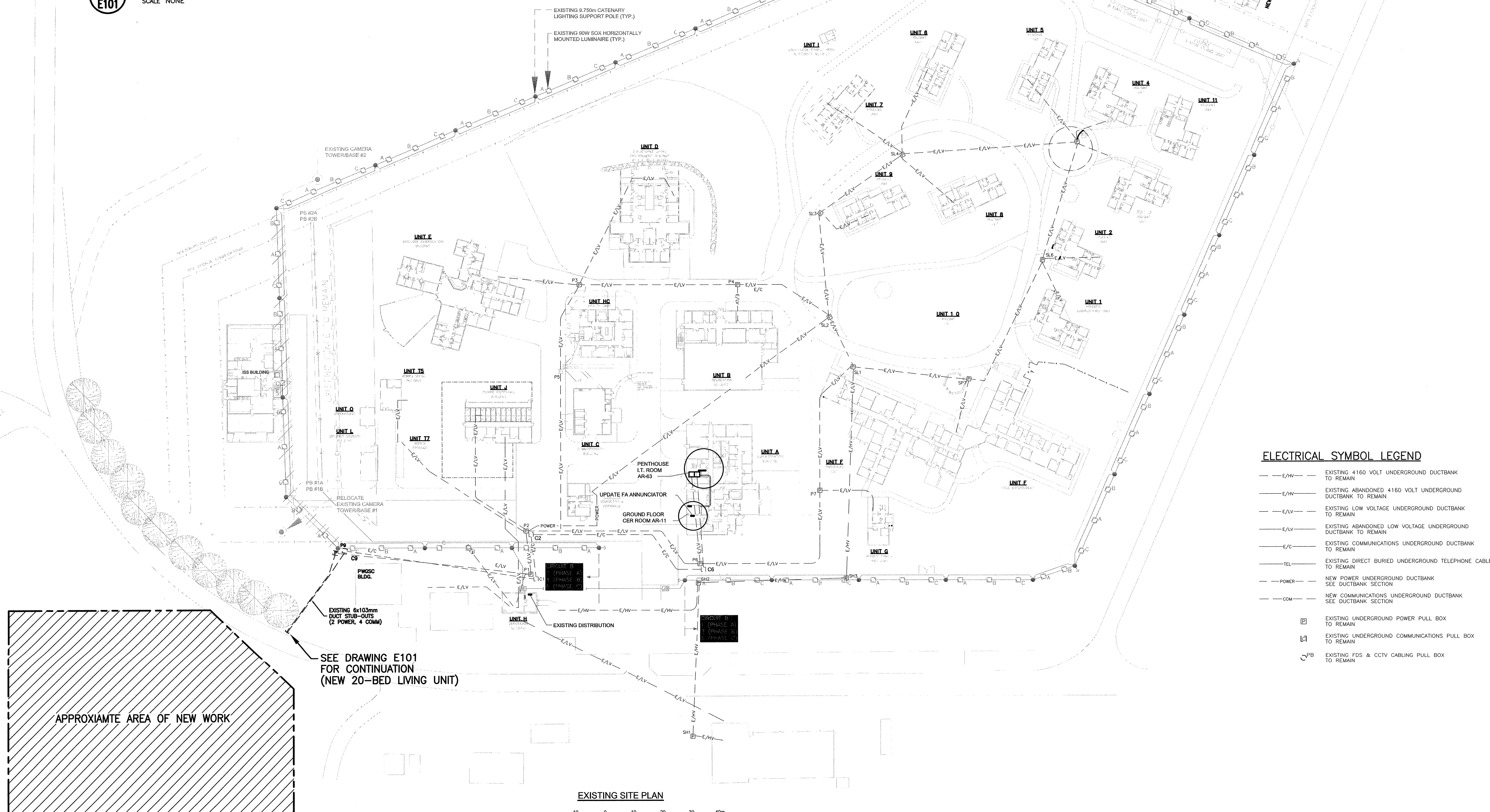


UNDERGROUND SYSTEMS INSTALLATION DETAILS – CONCRETE ENCASED DUCTS

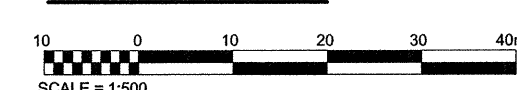
SCALE NONE

- NOTES:




1. UNLESS INDICATED OTHERWISE, ALL OUTDOOR DUCT RUNS SHALL BE CONCRETE ENCASED AND INSTALLED AT 1M BELOW GRADE.
2. REFER TO SITE PLAN FOR DUCT QUANTITIES
3. ALL DUCT BANK DIMENSIONS ARE TYPICAL FOR 100mm DIAMETER DUCTS. FOR OTHER DUCT SIZES AND TYPES ADJUST DIMENSIONS AND SELECT PLASTIC SPACERS TO OBTAIN A MINIMUM OF 45mm SEPARATION, OR AS INDICATED OTHERWISE AND 75mm CONCRETE COVER.
4. GRADUALLY INCREASE VERTICAL SEPARATION FROM 45mm TO 115mm AT ENDING OF DUCT RUN. ENTERING CONCRETE BOXES, PULLUPS OR TRENCHES, STARTING 6M FROM THE OUTSIDE FACE OF CONCRETE WALL.
5. SELECT TOP AND BOTTOM PLASTIC SPACERS TO ACCURATELY POSITION THE REBARS IN ACCORDANCE WITH THE TYPICAL DIMENSIONS DETAILED ON THIS DRAWING.



EXISTING SITE PLAN



ELECTRICAL SYMBOL LEGEND

- | | |
|---|---|
| — E/HN — | EXISTING 4160 VOLT UNDERGROUND DUCTBANK TO REMAIN |
| — E/HN — | EXISTING ABANDONED 4160 VOLT UNDERGROUND DUCTBANK TO REMAIN |
| — E/LV — | EXISTING LOW VOLTAGE UNDERGROUND DUCTBANK TO REMAIN |
| — E/LV — | EXISTING ABANDONED LOW VOLTAGE UNDERGROUND DUCTBANK TO REMAIN |
| — E/C — | EXISTING COMMUNICATIONS UNDERGROUND DUCTBANK TO REMAIN |
| — TEL — | EXISTING DIRECT BURIED UNDERGROUND TELEPHONE CABLE TO REMAIN |
| — POWER — | NEW POWER UNDERGROUND DUCTBANK
SEE DUCTBANK SECTION |
| — COM — | NEW COMMUNICATIONS UNDERGROUND DUCTBANK
SEE DUCTBANK SECTION |
|  | EXISTING UNDERGROUND POWER PULL BOX TO REMAIN |
|  | EXISTING UNDERGROUND COMMUNICATIONS PULL BOX TO REMAIN |
|  | EXISTING FIBS & CCTV CABBING PULL BOX TO REMAIN |



	ISSUED FOR TENDER	12 Nov 19
	TENDER READY SUBMISSION	12 Sept 13
	99% SUBMISSION	12 June 22
	50% SUBMISSION	12 March 30
Revision/ Revision	Description/Description	Date/Date

Revision	
Client/client	

**CORRECTIONAL
SERVICE OF
CANADA**

Project title/Titre du projet

FRASER VALLEY INSTITUTION
33344 KING ROAD, ABBOTSFORD, BC

**TWENTY BED
LIVING UNIT**

Consultant Approval Box Only

Designed by/Concept par

Drawn by/Dessine par

PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC

Drawing title/Titre du dessin

EXISTING ELECTRICAL SITE PLAN

Project No./No. du projet	
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Sheet/ Feuille

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Revision no./
La
Révision
no.