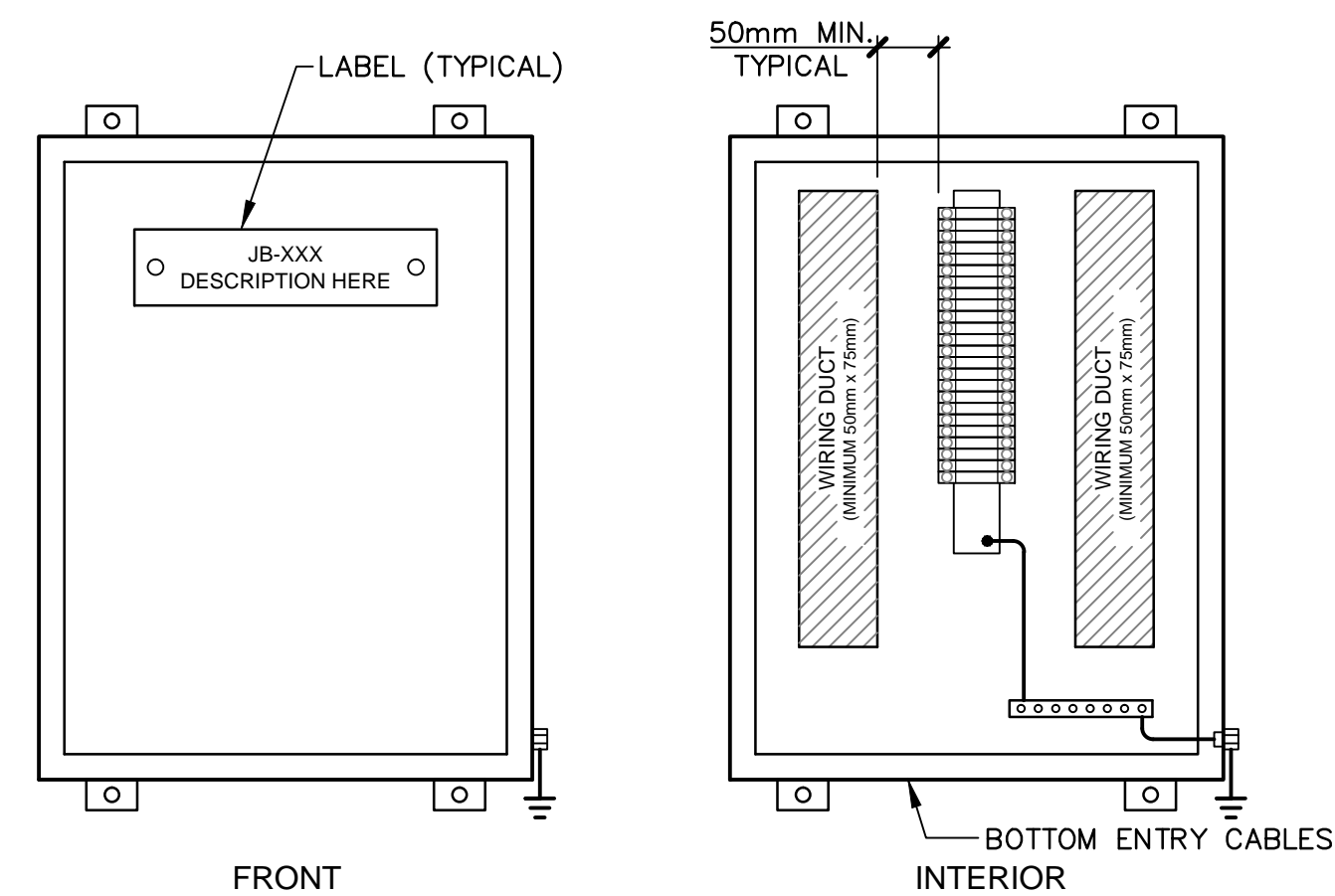
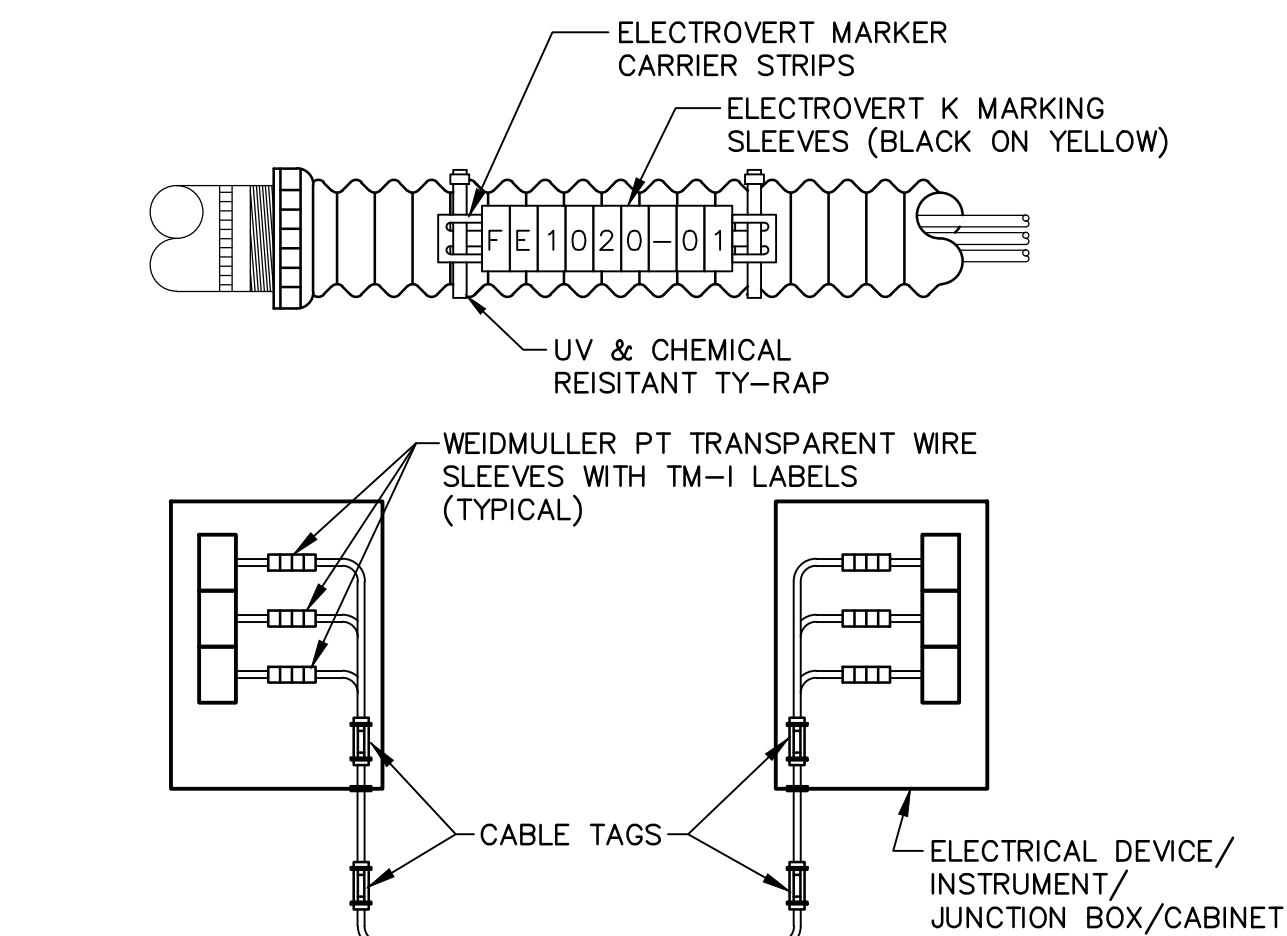
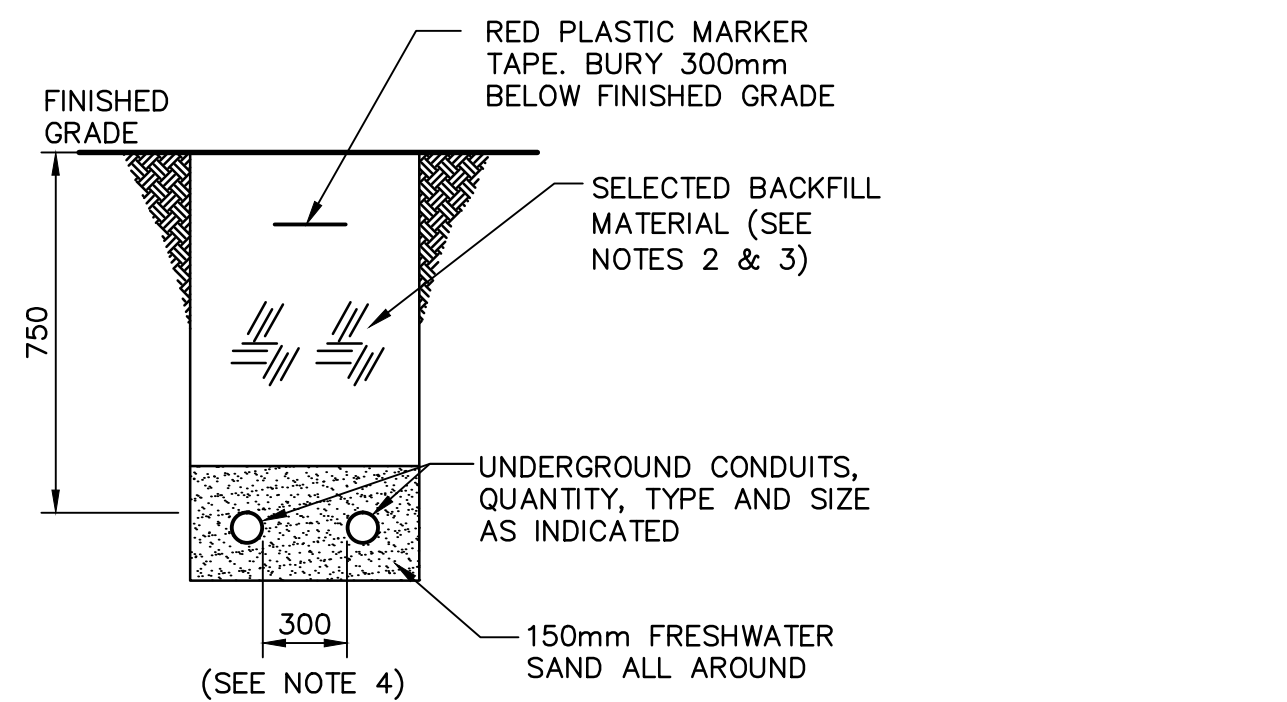
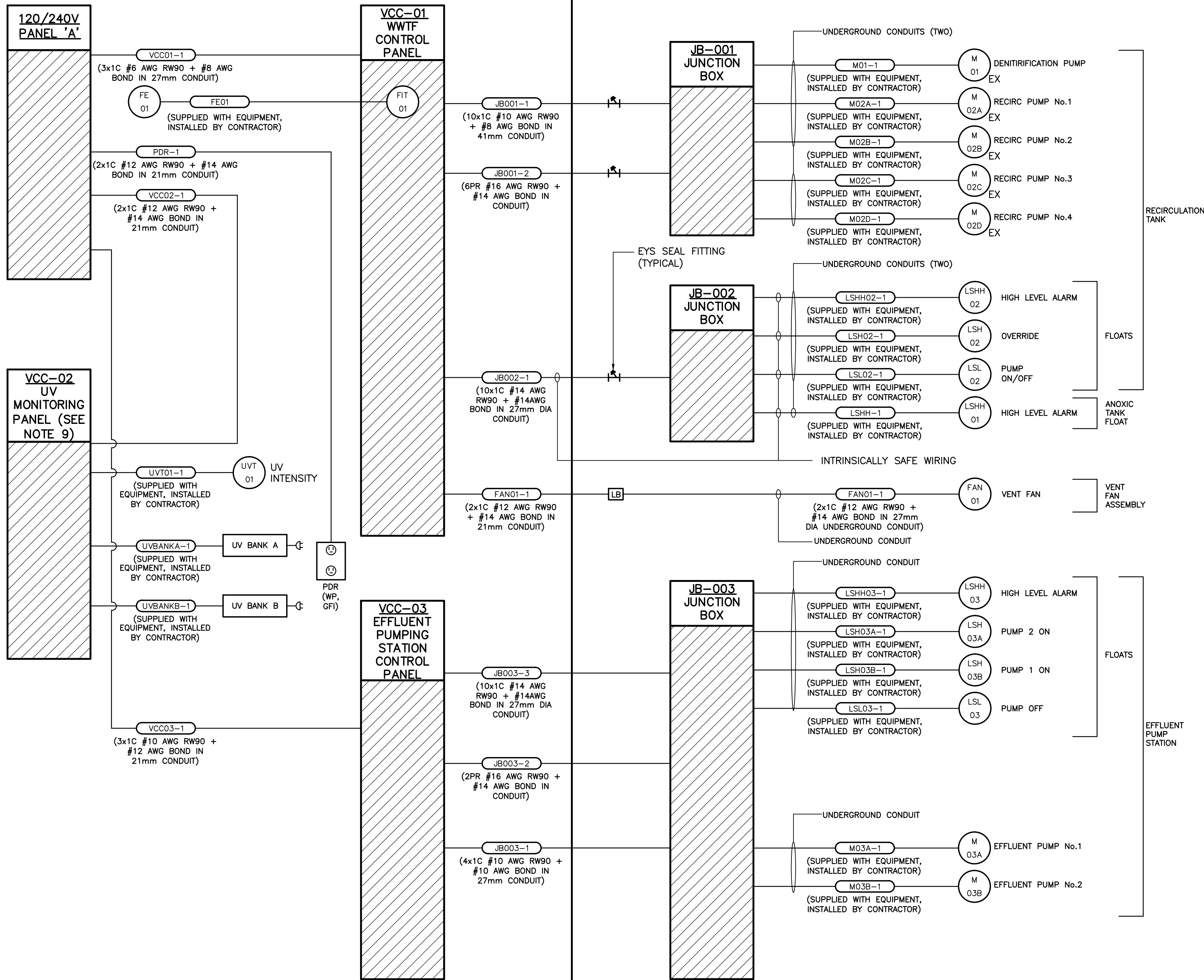


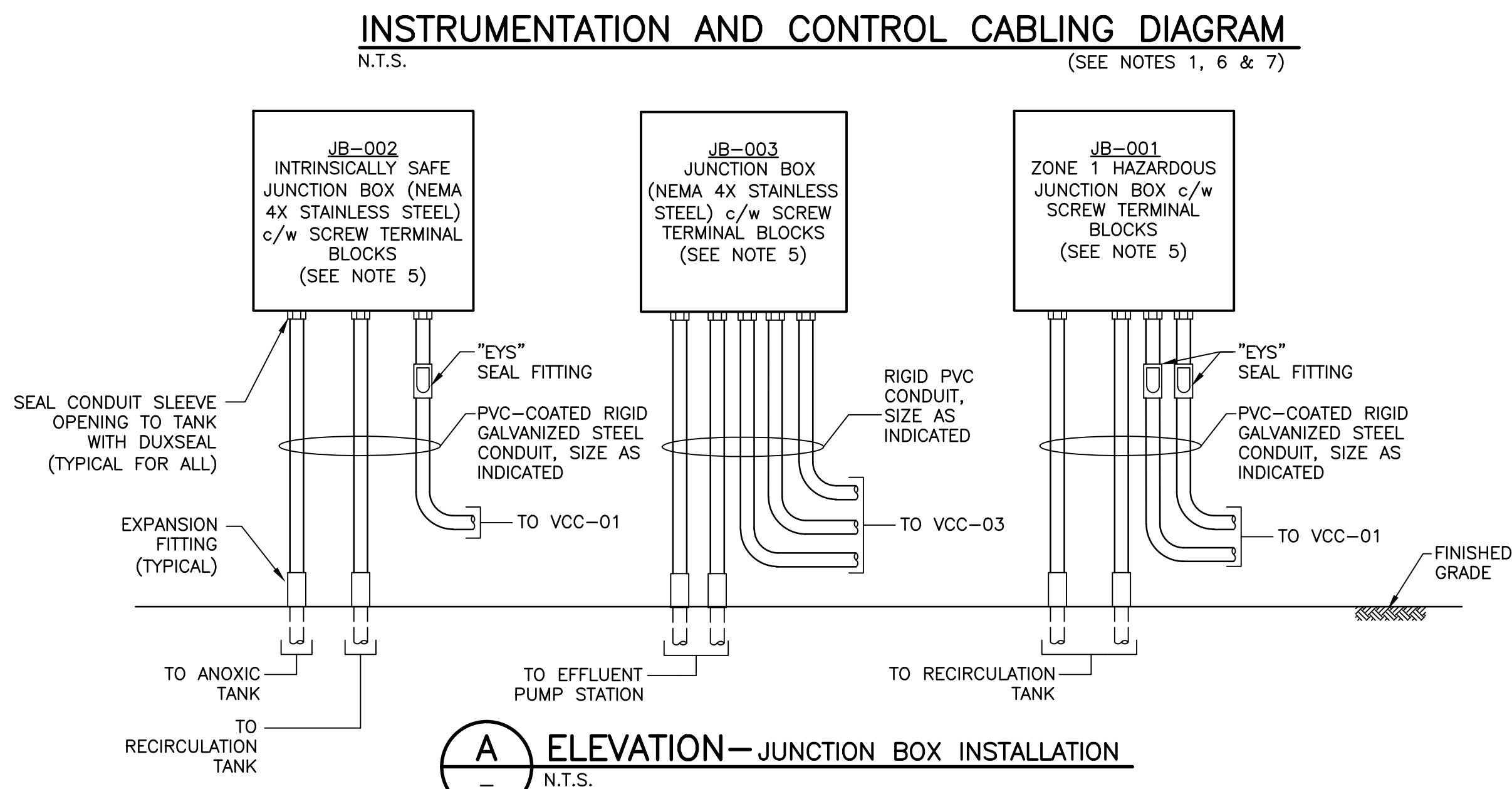
DRAWING NAME: K:\PROJECTS\142507.00 BROAD COVE CAMPGROUND WASTEWATER SYSTEM\20 CAD\05 ELEC\142507.00.E02.DWG LAYOUT NAME: E02 DATE: 02-15 1:57:56 PM CAD OPERATOR: MALISON

## COMFORT STATION

## EXTERIOR



- NOTES:**
- THIS LAYOUT DRAWING APPLIES TO INSTRUMENTATION TERMINATION JUNCTION BOXES. THE ABOVE LAYOUT IS TO BE USED AS A GUIDE ONLY. REFER TO THE CABLING DRAWINGS TO DETERMINE THE REQUIRED NUMBER OF TERMINAL BLOCKS IN EACH FIELD JUNCTION BOX.
  - REFER TO SPECIFICATION SECTION 269000 FOR MATERIAL REQUIREMENTS.



### NOTES:

- UNLESS NOTED OTHERWISE, ELECTRICAL, CONTROLS, AND INSTRUMENTATION EQUIPMENT IS NEW.
- BACKFILL TRENCH IN LAYERS NOT EXCEEDING 300mm AND MECHANICALLY TAMP EACH LAYER.
- BACKFILL TRENCH WITH SELECTED BACKFILL SOIL IN ACCORDANCE WITH SPECIFICATIONS AND FREE FROM LARGE ROCKS OR DEBRIS.
- MAINTAIN A MINIMUM 300mm SEPARATION BETWEEN POWER AND CONTROLS CONDUITS, AND A MINIMUM 1m LATERAL SEPARATION BETWEEN CONDUITS AND ALL OTHER PIPING.
- PROVIDE ADEQUATE TERMINALS IN EACH BOX FOR CONDUCTOR TERMINATION, PLUS 20% SPARE TERMINALS.
- VERIFY THE NUMBER AND SIZE OF INSTRUMENTATION AND CONTROLS CABLING/CONDUIT REQUIREMENTS TO REFLECT THE EQUIPMENT ACTUALLY BEING PROVIDED AFTER EQUIPMENT SHOP DRAWINGS HAVE BEEN SUBMITTED AND REVIEWED.
- DETERMINE CABLING/CONDUIT TERMINATION DETAILS AFTER THE EQUIPMENT SHOP DRAWINGS HAVE BEEN SUBMITTED AND REVIEWED.
- SIZE CONDUITS, CONDUIT FITTINGS AND JUNCTION/PULL BOXES IN ACCORDANCE WITH THE CEC. CONTRACTOR MAY COMBINE CONTROLS AND INSTRUMENTATION CONDUITS OF SIMILAR CIRCUITS AS DICTATED BY FIELD CONDITIONS TO REDUCE THE NUMBER OF CONDUITS. THE MAXIMUM CONDUIT SIZE IS 53mm IN DIAMETER.
- MOUNT THE UV MONITORING PANEL (VCC-02) IN A NEMA 4 PAINTED STEEL INSULATED ENCLOSURE C/W INTEGRAL THERMOSTATICALLY CONTROLLED CABINET HEATER (SIZED TO MAINTAIN MINIMUM 2°C CABINET TEMPERATURE). ALTERNATELY, MOUNT VCC-02 IN THE WWTF CONTROL PANEL (VCC-01). COORDINATE WITH EQUIPMENT SUPPLIERS.

0	ISSUED FOR TENDER	SEP 02/15	CS
A	ISSUED FOR REVIEW	AUG 14/15	JAB
No.	Description	Date	By

### Revision or Issue

### BROAD COVE CAMPGROUND WASTEWATER SYSTEM

### ELECTRICAL WASTEWATER TREATMENT FACILITY CABLING DIAGRAM & DETAILS



CBCL No 142507	Contract No 142507.00	Date AUG 05/15	Scale AS NOTED
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Designed LH	Drawn RJD
Checked MJ	Approved JAB
Sheet No 2 of 2	Drawing No

**E02**