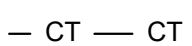
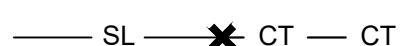


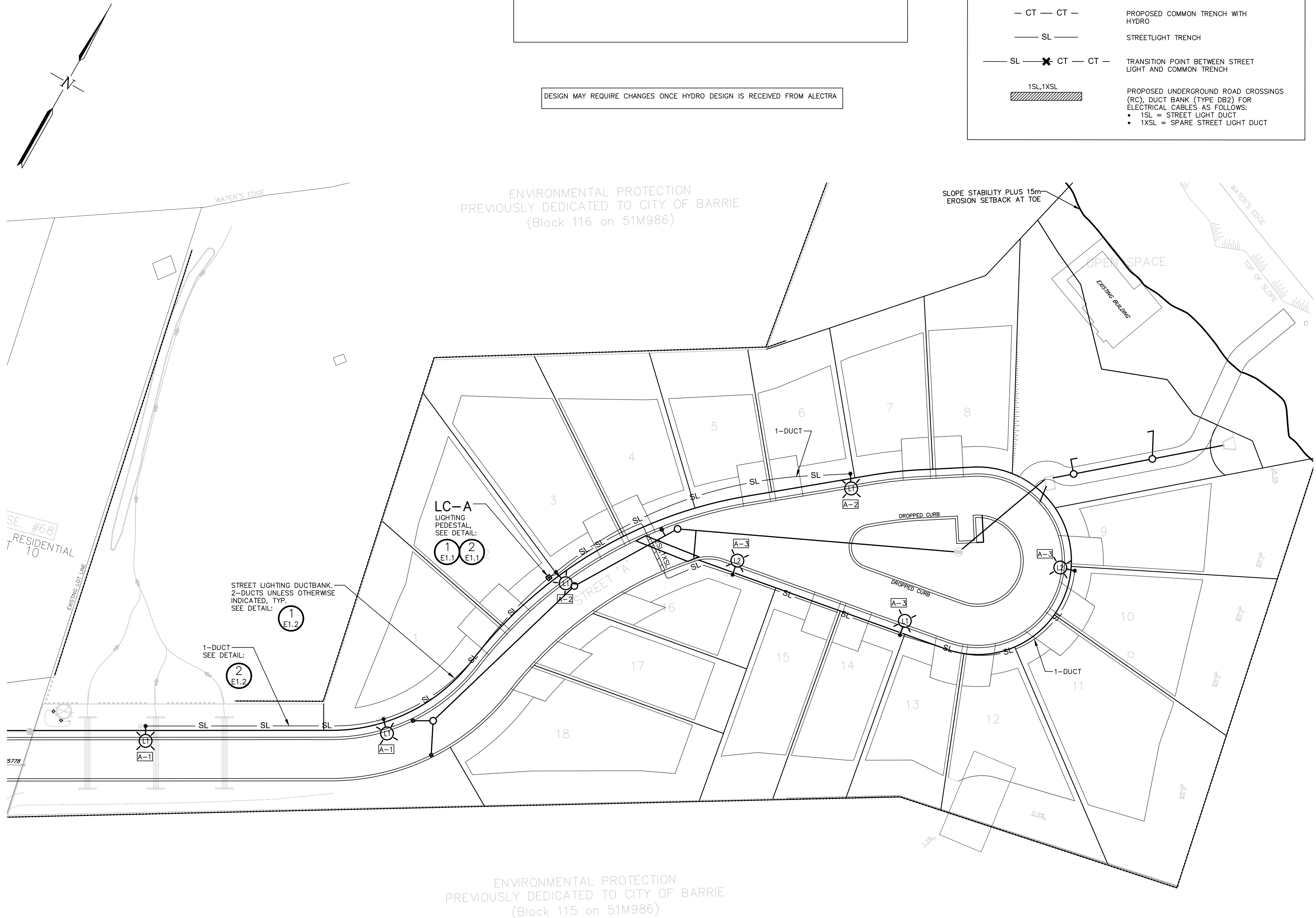
NOTES:

- 1 CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES: UNDERGROUND HYDRO, TRAFFIC SIGNAL DUCTS, BELL FIBRE OPTIC CABLES, WATER MAIN, CABLE TV CABLES, ETC.
- 2 ALL DUCTING TO BE MINIMUM OF 600MM DEPTH
- 3 CONTRACTOR IS RESPONSIBLE TO COORDINATE SERVICE CONNECTION WITH ALECTRA.

DESIGN MAY REQUIRE CHANGES ONCE HYDRO DESIGN IS RECEIVED FROM ALECTRA

ELECTRICAL LEGEND:

-  PROPOSED MUNICIPAL STREET LIGHT
-  PROPOSED STREET LIGHT POWER PANEL, MOUNTED TO HYDRO POLE.
-  PROPOSED COMMON TRENCH WITH HYDRO
-  STREETLIGHT TRENCH
-  TRANSITION POINT BETWEEN STREET LIGHT AND COMMON TRENCH
-  PROPOSED UNDERGROUND ROAD CROSSINGS (RC), DUCT BANK (TYPE DB2) FOR ELECTRICAL CABLES AS FOLLOWS:
• 1SL = STREET LIGHT DUCT
• 1XSL = SPARE STREET LIGHT DUCT



1 ELECTRICAL LAYOUT
SCALE - 1:500

DISCLAIMER AND COPYRIGHT

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED.

TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF TATHAM ENGINEERING LIMITED.

BENCHMARKS

NOTES

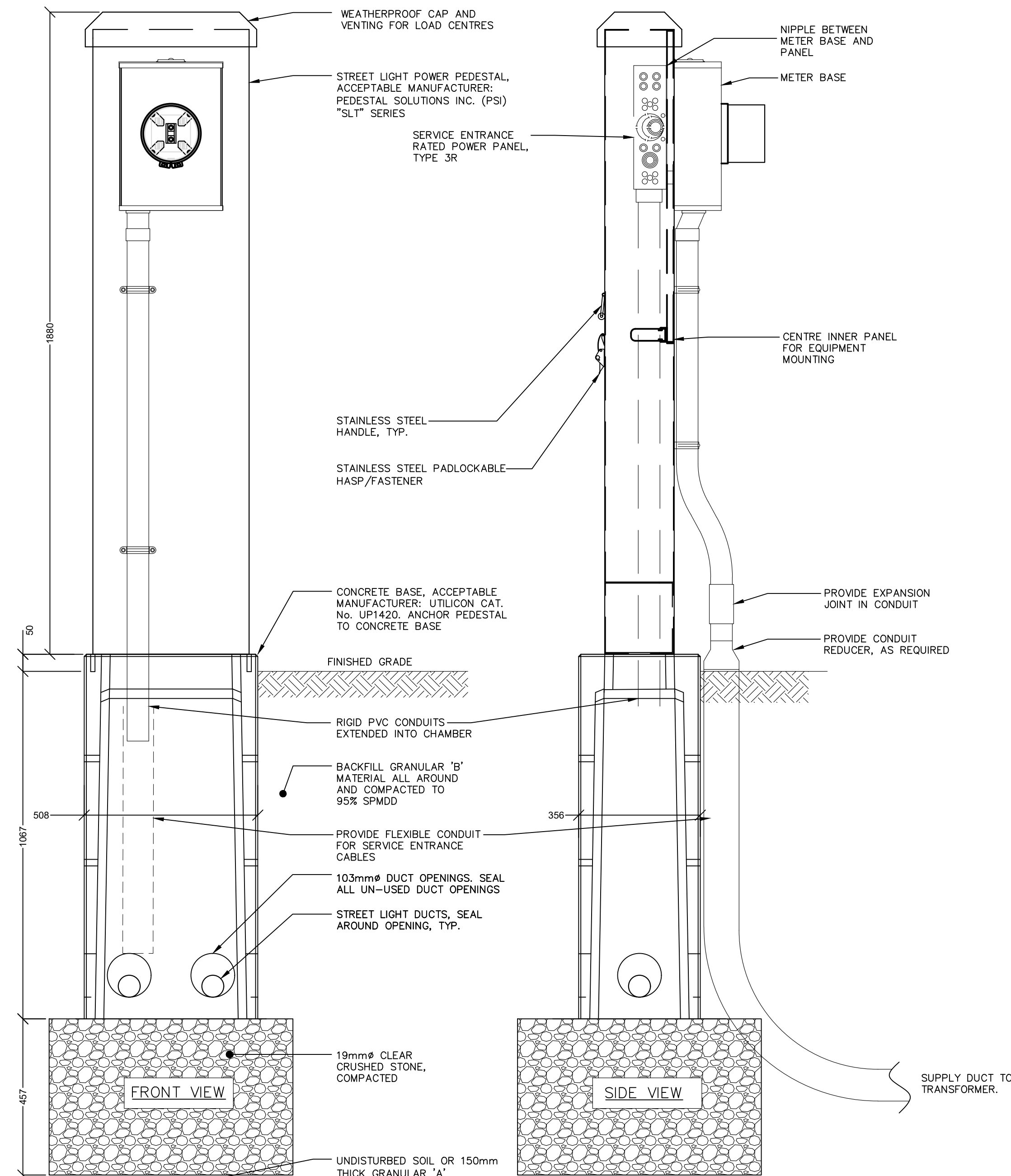
No.	REVISION DESCRIPTION	DATE	ENGINEER STAMP
1.	LIGHTING DESIGN FIRST SUBMISSION	JAN/22	
2.	LIGHTING DESIGN SECOND SUBMISSION	AUG/22	

70 PIONEER TRAIL

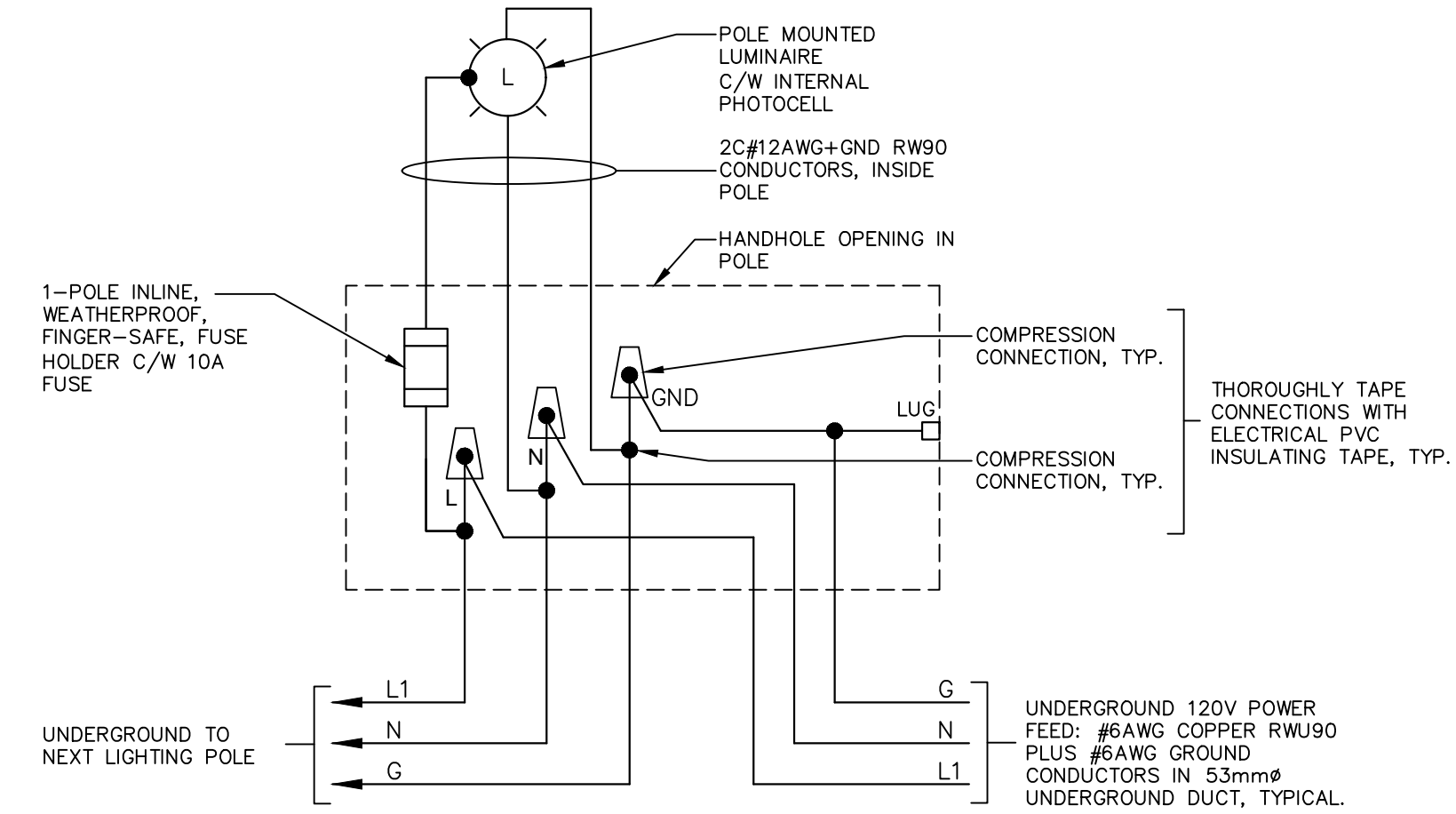
ELECTRICAL LAYOUT



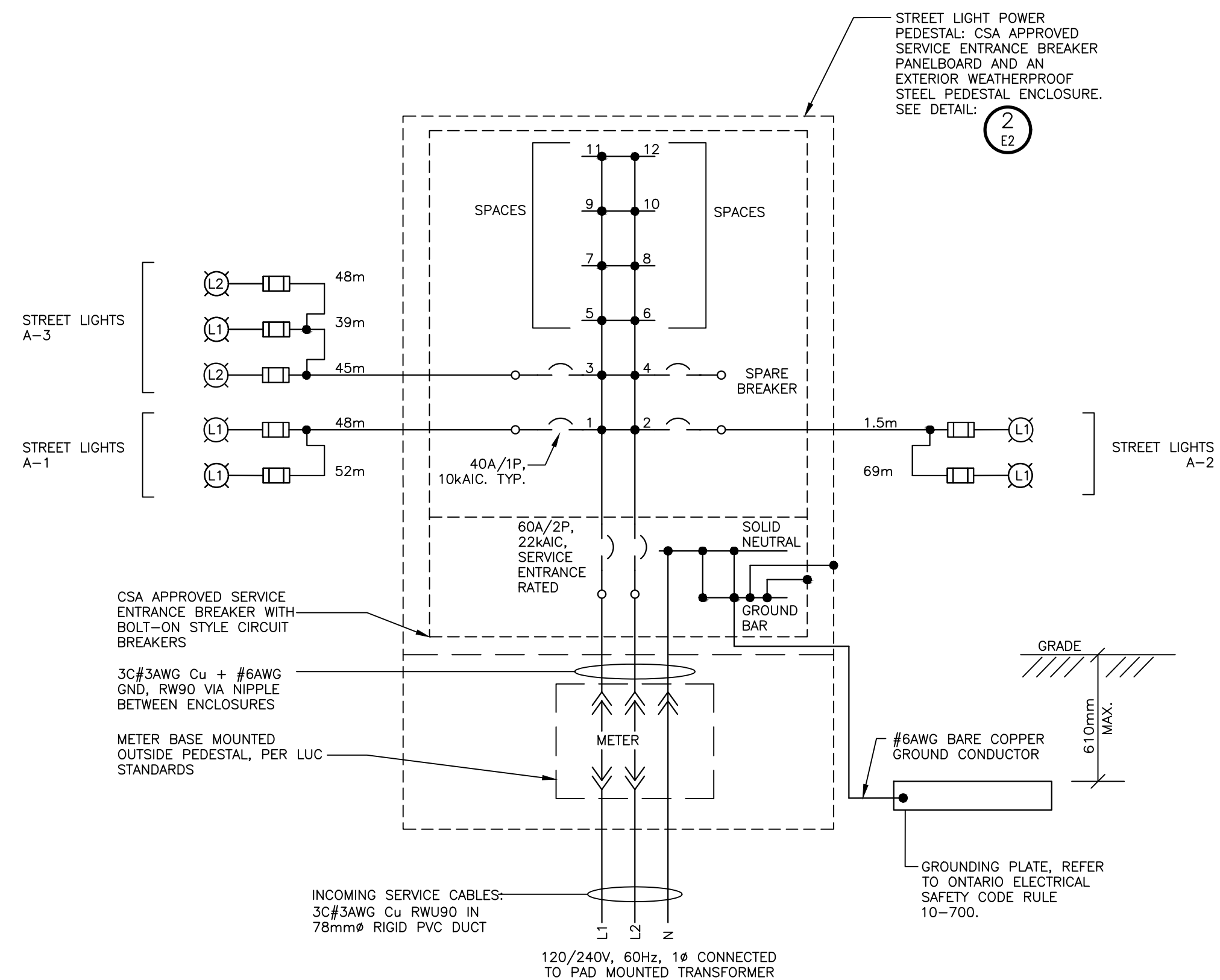
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DRAWN: AD	DATE: JAN 2022	
CHECK: PP	SCALE: AS NOTED	



1
E1.1
METERED POWER PEDESTAL
NTS



3
E1.1
TYPICAL STREET LIGHT WIRING DIAGRAM
NTS



2
E1.1
POWER PEDESTAL WIRING DIAGRAM
NTS

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BENCHMARKS

NOTES

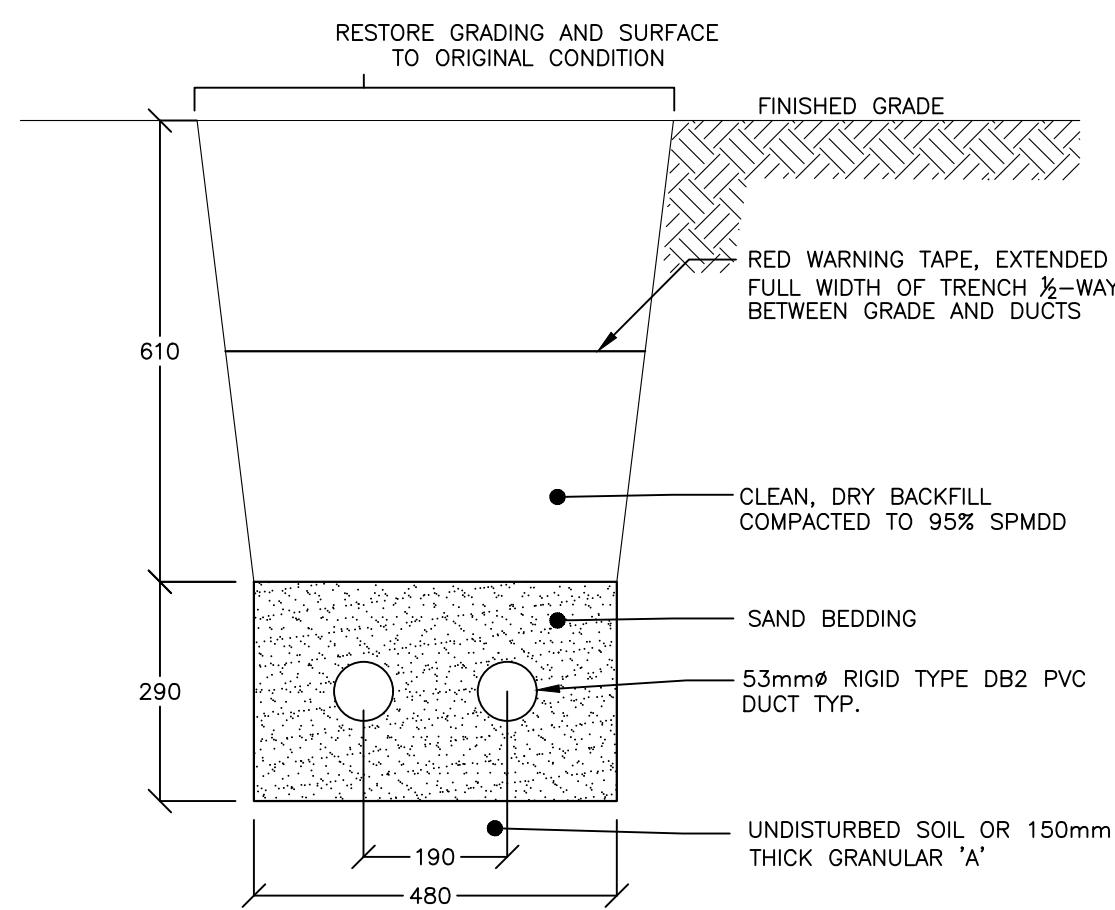
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1.	LIGHTING DESIGN FIRST SUBMISSION	JAN/22	
2.	LIGHTING DESIGN SECOND SUBMISSION	AUG/22	

70 PIONEER TRAIL

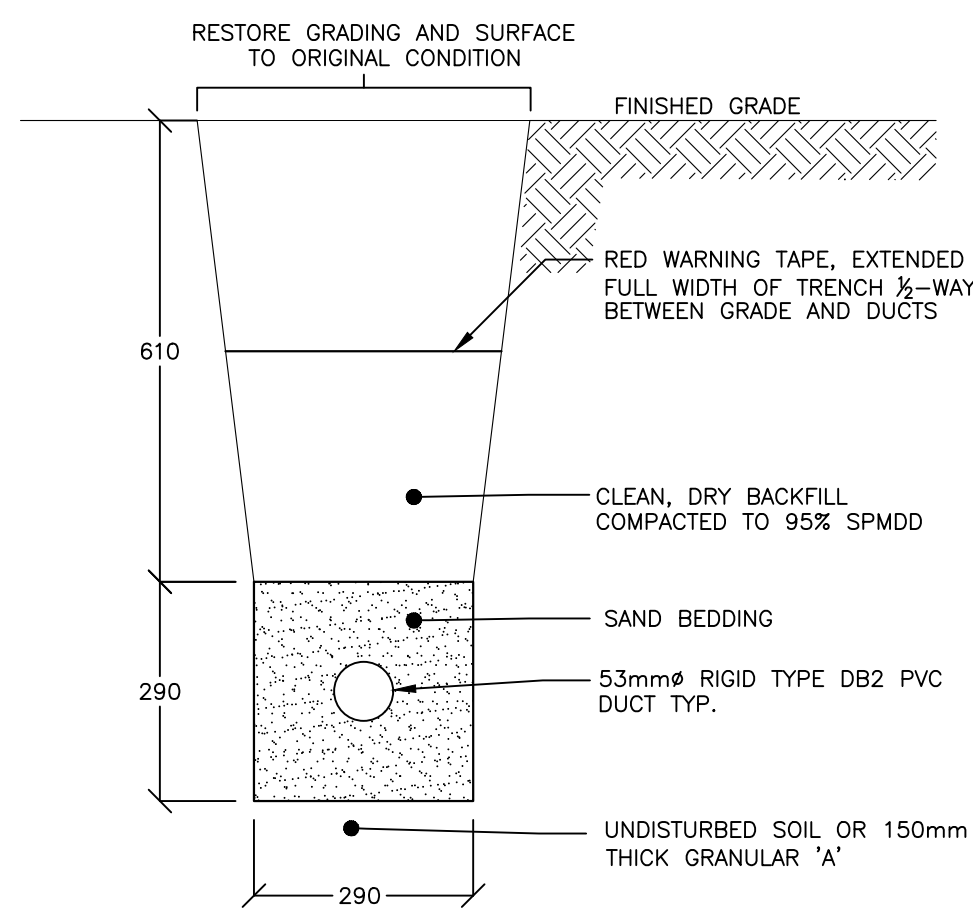
ELECTRICAL DETAILS

TATHAM
ENGINEERING

DESIGN: AD	FILE: 21063P	DWG: E1.1
DRAWN: AD	DATE: JAN 2022	
CHECK: PP	SCALE: AS NOTED	



1
E1.2
NTS
TYPICAL 2-DUCT STREET LIGHTING DUCTBANK



2
E1.2
NTS
TYPICAL 1-DUCT STREET LIGHTING DUCTBANK

DISCLAIMER AND COPYRIGHT
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BENCHMARKS

NOTES

No.	REVISION DESCRIPTION	DATE
1.	LIGHTING DESIGN FIRST SUBMISSION	JAN/22
2.	LIGHTING DESIGN SECOND SUBMISSION	AUG/22

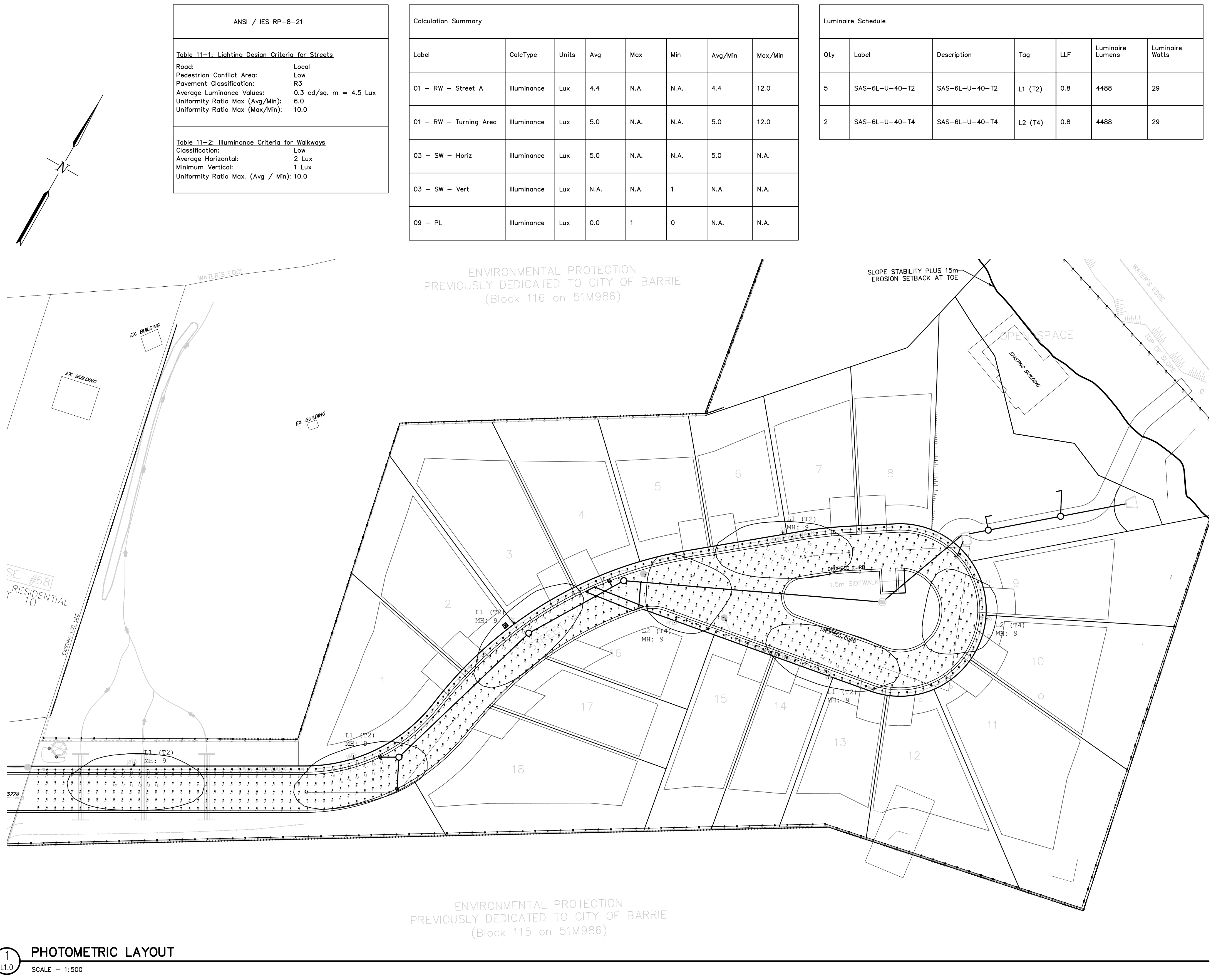
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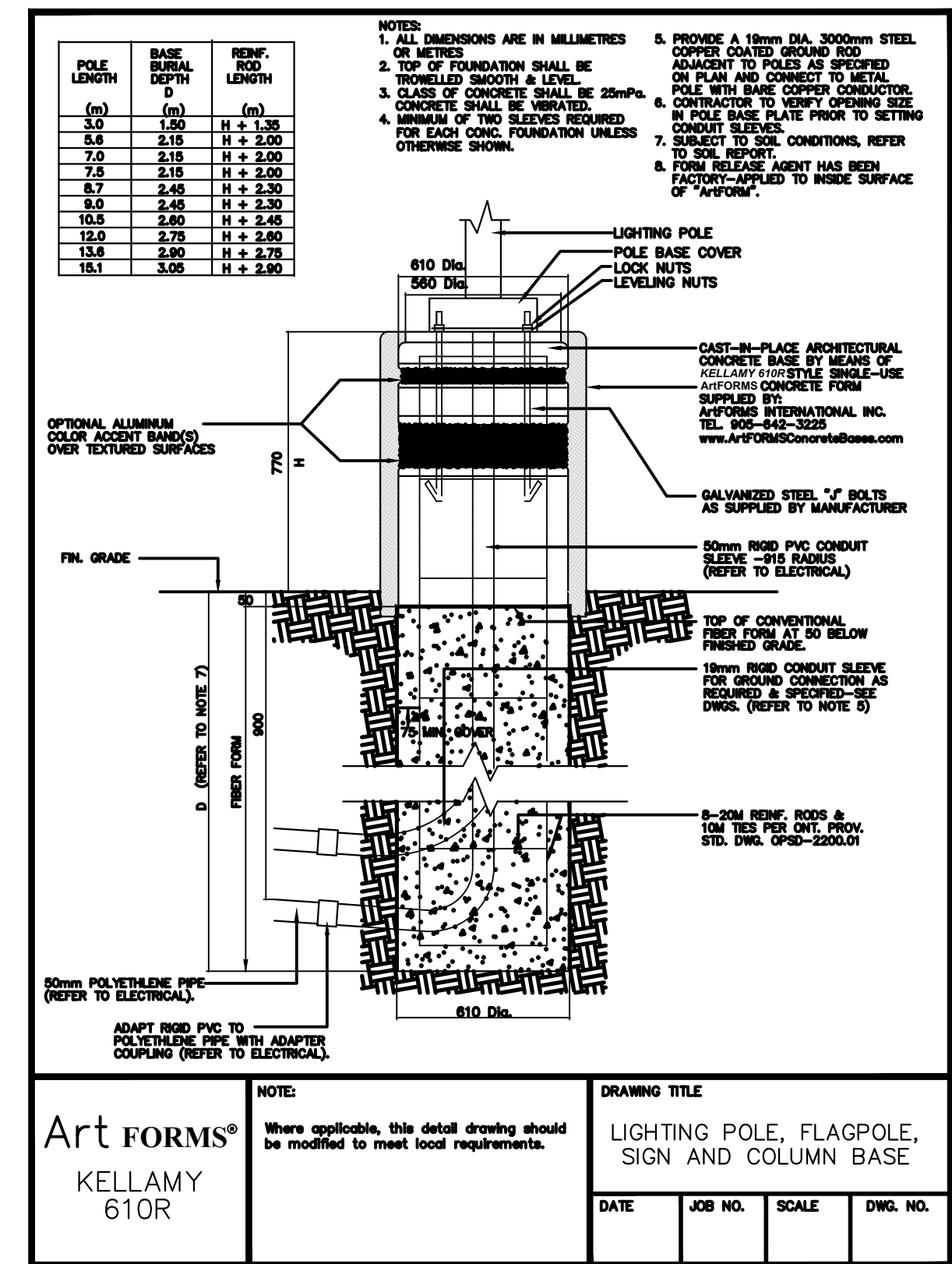
70 PIONEER TRAIL

ELECTRICAL DETAILS



DESIGN: AD	FILE: 21063P	DWG:
DRAWN: AD	DATE: JAN 2022	E1.2
CHECK: PP	SCALE: AS NOTED	



[illegible]

2 LIGHTING INSTALLATION DETAIL
L1.1 NTS

3 TYPICAL CONCRETE BASE DETAIL
L1.1 NTS

DISCLAIMER AND COPYRIGHT CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED. TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF TATHAM ENGINEERING LIMITED.	BENCHMARKS	NOTES	No.	REVISION DESCRIPTION	DATE	ENGINEER STAMP	70 PIONEER TRAIL 	
			1.	LIGHTING DESIGN FIRST SUBMISSION	JAN/22			
			2.	LIGHTING DESIGN SECOND SUBMISSION	AUG/22		LIGHTING DETAILS DESIGN: AD FILE: 21063P DWG: DRAWN: AD DATE: JAN 2022 CHECK: PP SCALE: AS NOTED	