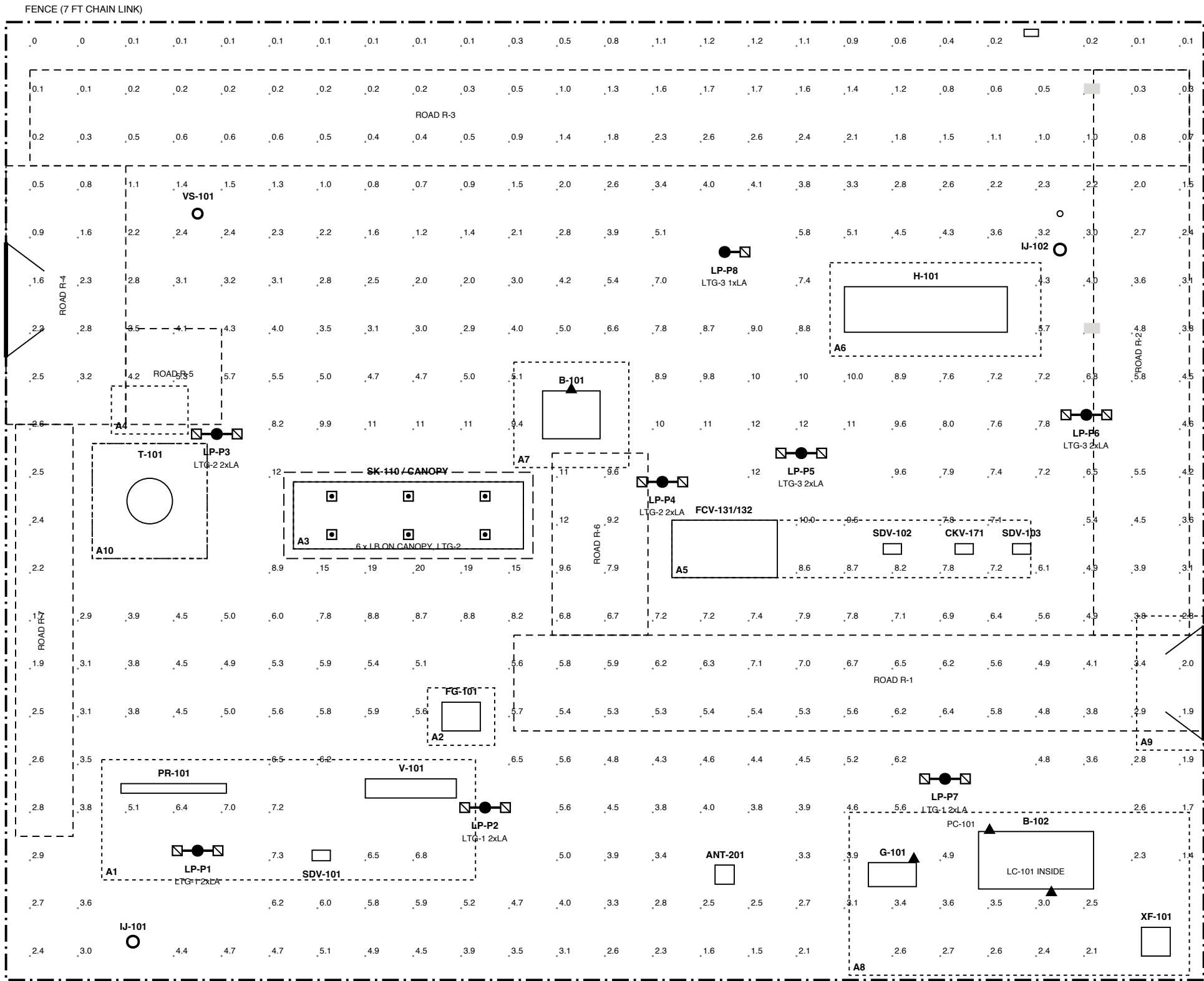


D
C
B
A



LEGEND

- 25 FT POLE WITH LA AREA LUMINAIRE HEAD(S) ON ARM
- LB CANOPY LUMINAIRE (MOUNTED 13 FT)
- LC WALL PACK
- 4.2
CALCULATED MAINTAINED FC AT GRADE (10 FT GRID)
- TARGET AREA (SEE AREA TABLE)

ILLUMINANCE RESULTS (FC, CAL-007)

AREA	TGT AVG/MIN	CALC AVG	CALC MIN	RESULT
A1	5.0 / 1.0	6.5	4.0	MEETS
A2	5.0 / 1.0	5.7	5.2	MEETS
A3	10.0 / 5.0	22.8	12.9	MEETS
A4	5.0 / 1.0	5.1	4.1	MEETS
A5	5.0 / 1.0	8.6	6.4	MEETS
A6	5.0 / 1.0	6.3	3.8	MEETS
A7	2.0 / 0.5	8.2	4.8	MEETS
A8	2.0 / 0.5	3.1	0.5	MEETS
A9	1.0 / 0.2	2.4	1.4	MEETS
A10	1.0 / 0.2	4.7	3.3	MEETS

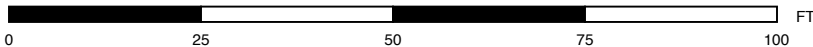
POLE SCHEDULE

POLE	X, Y (FT)	MH	HEADS	WATTS	CIRCUIT
LP-P1	40, 27	25 FT	2	300	LTG-1
LP-P2	100, 36	25 FT	2	300	LTG-1
LP-P3	44, 114	25 FT	2	300	LTG-2
LP-P4	137, 104	25 FT	2	300	LTG-2
LP-P5	166, 110	25 FT	2	300	LTG-3
LP-P6	226, 118	25 FT	2	300	LTG-3
LP-P7	196, 42	25 FT	2	300	LTG-1
LP-P8	150, 152	25 FT	1	150	LTG-3

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	QTY
LA	LED AREA 150 W 19,500 LM TYPE V, CL I DIV 2 GR C D T4	15
LB	LED CANOPY 60 W 7,800 LM, CL I DIV 2 T4	6
LC	LED WALL PACK 30 W 3,600 LM, CL I DIV 2 T4	4
LD	LED 4 FT ENCLOSED 40 W, B-102	6
LE	LED 4 FT 40 W CL I DIV 2 T4, B-101	2
EM/EX	EMERG UNIT / EXIT SIGN 90 MIN, B-102	2 / 2

SCALE 1" = 25'-0" (1:300) AT ANSI B



PLANT NORTH = TRUE NORTH (H-02)

NOTES / REFERENCES

- FC VALUES: MAINTAINED AT GRADE, LLF 0.81, CAL-007 MODEL. RE-RUN WITH VENDOR IES (H-15).
- EXTERIOR LUMINAIRES CL I DIV 2 GR C D T4 (NEC 501.130(B)). NONE IN DIV 1 (DWG-002).
- LTG-1/2/3: 277 V, DP-101 VIA CONTACTOR LC-101 IN B-102, PHOTOCELL PC-101 + HOA.
- CIRCUIT CABLES AND RACEWAYS: ELE-LST-001 AND ELE-DWG-003.
- 25 FT GALV STEEL POLES ON DRILLED PIERS, BASE / HANDHOLE / GROUND PER DWG-007.
- HEADS HORIZONTAL (0 DEG TILT); TWIN ORIENTED E-W. COORDINATES PER MEC-DWG-001.
- REF: ELE-CAL-007, CAL-001, LST-001, DWG-002/003/004/007

REVISIONS

REV	DATE	DESCRIPTION	BY	CHK	APP
A	2026-09-29	ISSUED FOR REVIEW (IFR)			

PRELIMINARY - ISSUED FOR REVIEW - NOT FOR CONSTRUCTION

ENGINEER OF RECORD SEAL

NOT SEALED
PRELIMINARY

PE NO. _____

PROJECT

120 MMSCFD RECEIPT INTO _____

COUNTY, _____
DISCIPLINE: ELECTRICAL
SCALE: 1" = 25'-0"

LIGHTING PLAN

STATION AREA LIGHTING AND ILLUMINANCE

DRAWN: _____ CHECKED: _____ APPROVED: _____

DWG NO. _____
ELE-DWG-005
SHEET 1 OF 1 REV A