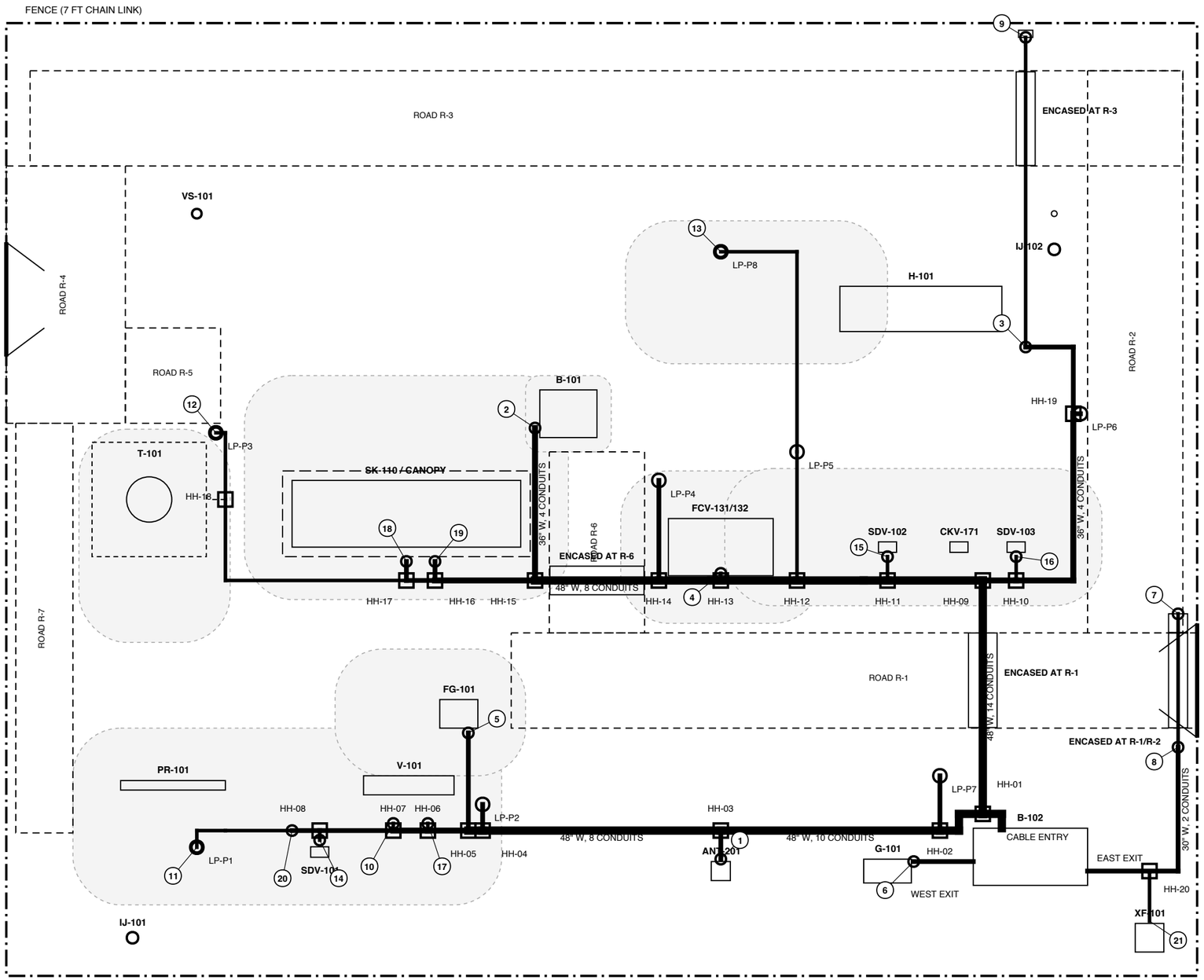

N

PLANT NORTH = TRUE NORTH (H-02)

LEGEND

- TRENCH 42-48 IN WIDE
- TRENCH 30-36 IN WIDE
- TRENCH 18-24 IN WIDE
- HANDHOLE HH-xx (PULL POINT)
- RISER IN DIV 2: EYS SEAL
- RISER, UNCLASSIFIED
- LIGHTING POLE (HANDHOLE IN BASE)
- CONCRETE-ENCASED ROAD CROSSING
- DIV 2 ENVELOPE (ELE-DWG-002)

TAKE-OFF SUMMARY (ELE-LST-001)

TRENCH 18 IN WIDE	4 FT
TRENCH 24 IN WIDE	300 FT
TRENCH 30 IN WIDE	183 FT
TRENCH 36 IN WIDE	123 FT
TRENCH 48 IN WIDE	262 FT
TRENCH TOTAL / ENCASED AT ROADS	870 / 166 FT
FIELD CONDUITS (RW-001 TO RW-030)	30
HANDHOLES	20
EYS BOUNDARY SEALS AT DIV 2 RISERS	19
RISERS IN UNCLASSIFIED AREAS	11

NOTES

1. UNDERGROUND: PVC SCH 40, 30 IN MIN COVER, SAND BEDDING, RED WARNING TAPE 12 IN ABOVE.
2. ROAD CROSSINGS: CONDUITS CONCRETE ENCASED (3 IN MIN), 48 IN COVER; ROADS R-x PER MODEL.
3. RISERS: PVC-COATED RMC FROM 24 IN BELOW GRADE (ELBOW + NIPPLE) TO EQUIPMENT.
4. EYS SEAL WITHIN 10 FT OF DIV 2 BOUNDARY ON EVERY DIV 2 RISER (NEC 501.15(B)(2)).
5. VOLUME 7 I&C CONDUITS SHARE TRENCHES, 12 IN SEPARATION FROM POWER (WIDTH ALLOWANCE INCL.).
6. NO CABLE TRAY. SKID-MOUNTED CONDUIT (SK-110, FG-101, H-101) BY SKID VENDORS.
7. ROUTES DERIVED FROM PLOT PLAN COORDINATES (BASIS 10.1); FIELD ROUTE TO SUIT FOUNDATIONS.
8. CONDUIT AND TRENCH SCHEDULES: SHEET 2. CABLES: ELE-LST-001.

RISER SCHEDULE (BUBBLE = RISER NO.)

1	ANT201	RW-001 3/4" / RW-002 1-1/2"	-
2	B-101 wall (JB-140 / JB-140D)	RW-003 TO RW-006 (4 CONDUITS)	EYS
3	CP-150 BMS panel, H-101	RW-007 1"	-
4	FCV-131/132 station	RW-008 1"	EYS
5	FG-101 skid (E-161, SDV-165, FT-16	RW-009 TO RW-011 (3 CONDUITS)	EYS
6	G-101 generator	RW-012 TO RW-014 (3 CONDUITS)	-
7	Main gate operator GO-101B	RW-015 3/4"	-
8	Main gate operator GO-101A	RW-016 3/4"	-
9	JB-W01 demarcation	RW-017 3/4"	-
10	LCV-104	RW-018 3/4"	EYS
11	Pole LP-P1 (end of LTG-1)	RW-019 3/4"	EYS
12	Pole LP-P3 / SK-110 canopy (LTG-2)	RW-020 3/4"	-
13	Pole LP-P8 (end of LTG-3)	RW-021 3/4"	EYS
14	SDV-101	RW-022 3/4"	EYS
15	SDV-102	RW-023 3/4"	EYS
16	SDV-103	RW-024 3/4"	EYS
17	SDV-106 (electric, UP-101)	RW-025 3/4"	EYS
18	SK-110 MOV terminal box	RW-026 2"	EYS
19	SK-110 south (RCP-101, REC-EXT-1,	RW-027 1-1/4" / RW-028 3/4"	EYS
20	Inlet area REC-EXT-2	RW-029 3/4"	EYS
21	XF-101 secondary compartment	RW-030 1-1/2"	-

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

0 25 50 75 100 FT

NOTES / REFERENCES

1. COORDINATES: BASIS 10.1 PLOT FRAME, ORIGIN SW FENCE CORNER, FT.
2. LAYOUT, ROADS R-1 TO R-7 AND PIPE ROUTES PER MEC-DWG-001.
3. HAZARDOUS AREAS PER ELE-RPT-001 / DWG-002.
4. CABLES PER ELE-LST-001; SIZING PER ELE-CAL-004.

REF: ELE-LST-001
REF: ELE-CAL-004
REF: ELE-DWG-002, -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"

POWER AND CONTROL CABLE ROUTING PLAN

UNDERGROUND RACEWAY, HANDHOLES, RISERS

DRAWN: ____ CHECKED: ____ APPROVED: ____

DWG NO.

ELE-DWG-003

SHEET 1 OF 2 REV A