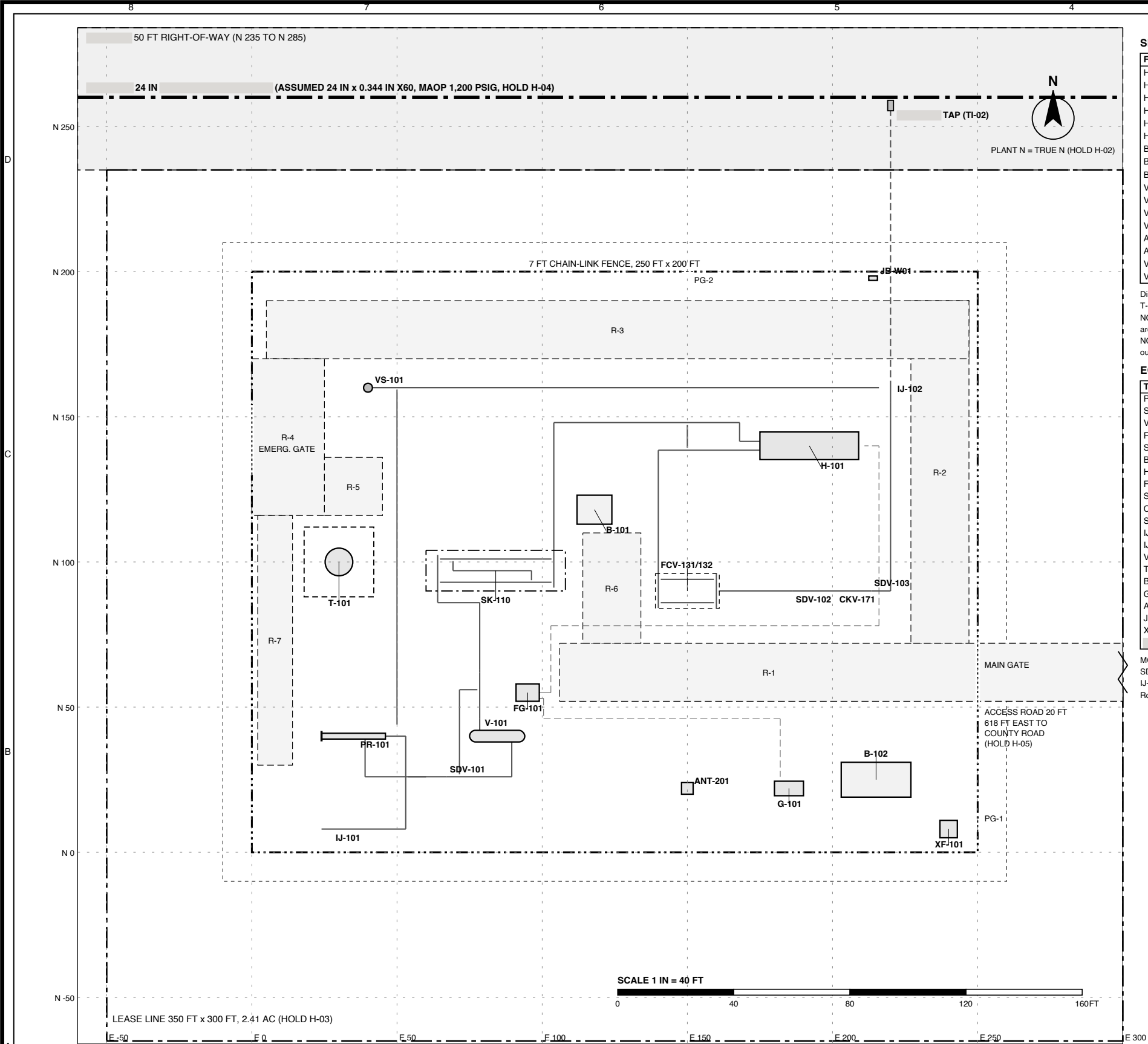




SPACING CHECK, BASIS GEN-DB-001 SECTION 10 (EDGE TO EDGE, FT)					
FROM	TO	DIST	MIN	RESULT	
H-101	V-101	123.5	50		NOTE 1
H-101	SK-110	73.9	50		
H-101	VS-101	134.2	50		
H-101	B-101	52.5	50		
H-101	T-101 (containment)	135.0	50		
H-101	T-101 loadout (1191)	146.3	100		
B-102	HV-103H (nearest flanged joint)	56.7	50		
B-102	G-101 fuel inlet 1052 (package, ELE)	21.0	-		
B-102	FG-101 skid	106.1	50		
VS-101	B-101	78.9	50		
VS-101	B-102	205.8	50		NOTE 2
VS-101	H-101	134.2	50		
VS-101	G-101	192.7	50		
ANT-201	SDV-165 (nearest flanged joint)	56.0	-		
ANT-201	B-102 (mast fall zone 50 ft)	51.0	-		
VS-101	Fence	38.5	25		
VS-101	Downwind of B-102 (south wind)	brg 308 deg	N of B-102		

Distances measured edge to edge between equipment footprints on this plan.
T-101 measured to the 24 x 24 ft containment wall (tank shell is further).
NOTE 1: G-101 fuel inlet is part of the generator package, not a process source;
area classification around G-101 by Vol 6 (API RP 500).
NOTE 2: ANT-201 telecom mast has no basis spacing rule; mast and base equipment
outside classified areas per Vol 6. JB-W01 demarcation panel at the north fence.

EQUIPMENT CENTRES: BASIS 10.1 vs FINAL (E, N FT; ORIGIN SW FENCE CORNER)

TAG	BASIS	FINAL	MOVE	NOTE
PR-101	35, 40	35.0, 40.0	-	
SDV-101	52, 40	65.8, 26.0	19.7	MOVED
V-101	72, 40	84.0, 40.0	12.0	MOVED
FG-101	95, 55	95.0, 55.0	-	
SK-110	84, 97	84.0, 97.0	-	
B-101	118, 118	118.0, 118.0	-	
H-101	190, 140	192.0, 140.0	2.0	MOVED
FCV-131/132	150, 90	150.0, 90.0	-	
SDV-102	185, 90	185.0, 90.0	-	
CKV-171	200, 90	200.0, 90.0	-	
SDV-103	212, 90	212.0, 90.0	-	
IJ-102	230, 185	220.0, 157.0	29.7	MOVED
IJ-101	20, 10	26.5, 8.0	6.8	MOVED
VS-101	40, 160	40.0, 160.0	-	
T-101	30, 100	30.0, 100.0	-	
B-102	215, 25	215.0, 25.0	-	
G-101	185, 22	185.0, 22.0	-	
ANT-201	150, 22	150.0, 22.0	-	
JB-W01	214, 198	214.0, 197.5	-	
XF-101	240, 8	240.0, 8.0	-	
TAP	230, 260	220.0, 257.0	10.4	MOVED

MOVED = relocated from the Basis of Design Section 10.1 position for layout, access or road reasons.
SDV-101 in the PR-101 station branch; V-101 east 12 ft (bypass 1004 and element pull);
IJ-102 riser south of road R-3 so that only buried pipe crosses a road; tap at E 220 (H-04).
Roads R-1..R-7: 20 ft gravel unless noted. Only buried 1042, 1051 cross roads (48 in cover).

NOTES / REFERENCES

- LOCAL GRID, ORIGIN SW FENCE CORNER, X EAST, Y NORTH, FT. SURVEY TIE HOLD H-02.
- SHEETS 2 AND 3: FENCED STATION AT 1 IN = 20 FT, SPACING DIMENSIONS, CRANE ACCESS.
- PIPING THIN FOR ORIENTATION ONLY, SEE PIP-DWG-001. BURIED LINES DASHED.
- TRUNK, ROW, TAP LOCATION AND DEPTH ASSUMED (HOLD H-04). LEASE HOLD H-03.
- FINISHED GRADE PER CIVIL: PAD PLANE, FG 1,151.1 AT E125 N100.

REF: GEN-DB-001 SEC 10
REF: PIP-DWG-001, -004
REF: CIVIL SITE / GRADING (VOL 5)

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: MECHANICAL
SCALE: 1 IN = 40 FT

PLOT PLAN

OVERALL SITE PLAN

DRAWN: ____ CHECKED: ____ APPROVED: ____

DWG NO. _____

MEC-DWG-001

SHEET 1 OF 3 REV A