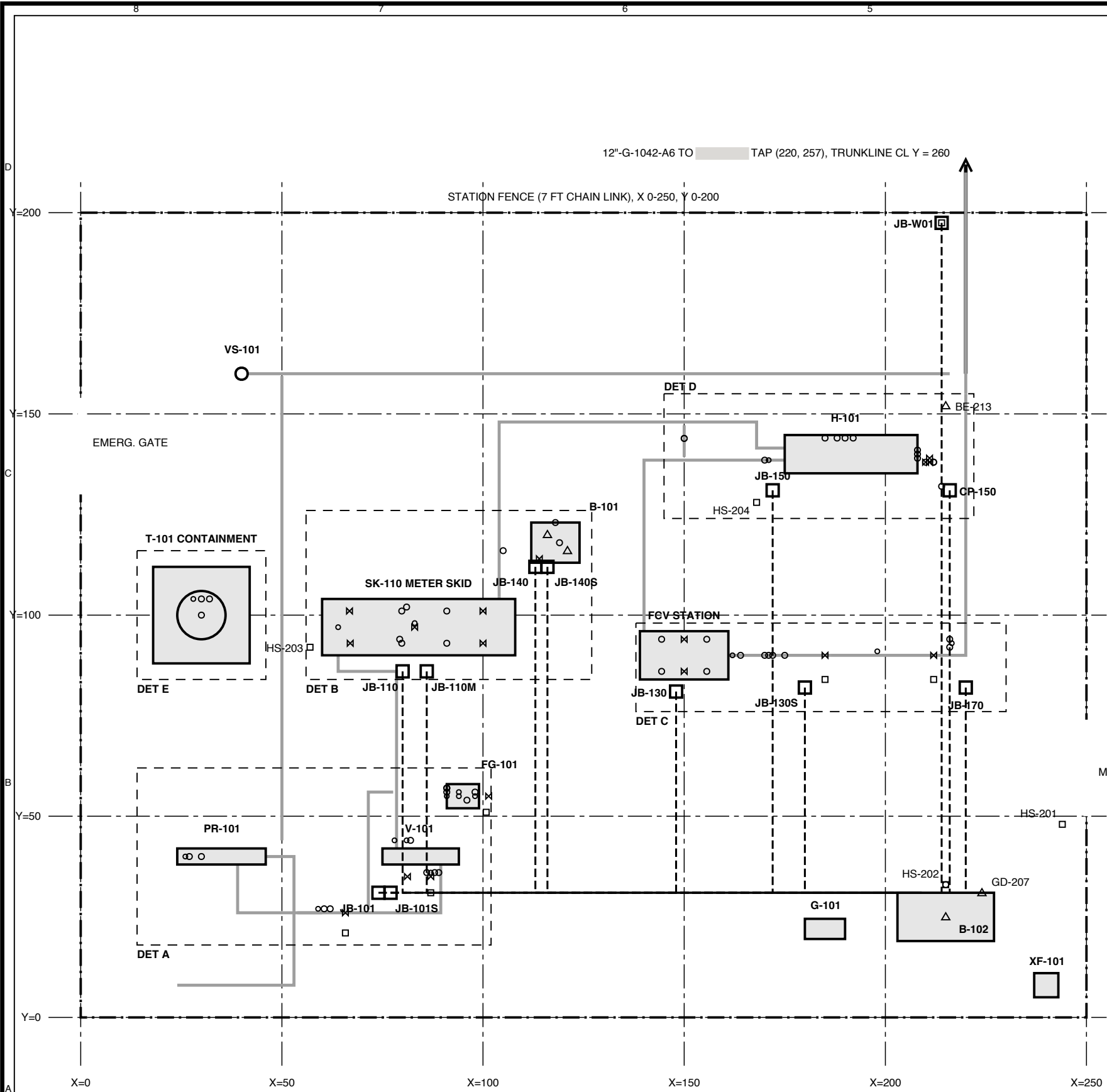


LEGEND

- TRANSMITTER / SWITCH / ANALYZER (FIELD)
- LOCAL GAUGE / INDICATOR
- ⊠ AUTOMATED VALVE (SDV, MOV, FCV, LCV, TCV, SSOV)
- ESD PUSHBUTTON / LOCAL CONTROL STATION
- △ GAS / FIRE / SMOKE DETECTOR
- ▣ BPCS / FC / BMS JUNCTION BOX OR PANEL
- ▤ SIS JUNCTION BOX (YELLOW, SEGREGATED)
- - - HOMERUN CABLE ROUTE (TRENCH / CONDUIT) TO B-102
- MAIN PROCESS PIPING (ORIENTATION ONLY)
- ▭ ENLARGED DETAIL, SEE SHEET 2

JUNCTION BOX / FIELD PANEL SCHEDULE

TAG	X, Y (FT)	SYS	SERVICE
JB-101	74, 31	RTU	Inlet, PR-101, V-101, FG-101, T-101 (BPCS)
JB-101S	77, 31	SIS	SDV-101/106/165, V-101 and T-101 trips (SIS)
JB-110	80, 86	RTU	Meter run MOVs (BPCS)
JB-110M	86, 86	FC	Custody P/T and USM pulses (sealable)
JB-130	148, 81	RTU	FCV station, PT-134, TT-135 (BPCS)
JB-130S	180, 82	SIS	OPSS PT-133A/B/C, SDV-102, SDV-103 (SIS)
JB-140	113, 112	RTU	B-101 analyzers, sampler (BPCS)
JB-140S	116, 112	SIS	GD-205/206, FSL-208, SDV-141 (SIS)
JB-150	172, 131	RTU	H-101 temperatures, TCV-152 (BPCS)
JB-170	220, 82	RTU	PT-172, TT-173 (BPCS)
CP-150	216, 131	BMS	BMS-150 panel, heater vendor
JB-W01	214, 197.5	WIL	demarcation (HOLD H-14)

DIRECT HOMERUNS (NO JB)

ESD PUSHBUTTONS HS-201 TO HS-204, GD-207, BE-213, XS-212 AND B-102 DEVICES: DEDICATED CABLES TO CP-102B (SIS)
AT-141 / B-101 LAN: FO-06MM FIBRE B-101 TO TR-102

NOTES / REFERENCES

- COORDINATES PER MEC MODEL [REDACTED] MEC-DWG-001 ORIGIN SW FENCE CORNER, FT.
 - MTO CABLE LENGTHS: ROUTES SHOWN + DROPS/RISEs + 10 % ALLOWANCE.
 - SIS CABLES IN SEPARATE CONDUIT; 12 IN FROM 480 V POWER (ELE TO CONFIRM).
 - FIELD DEVICES CLASS I DIV 2 GP D MIN. PER ELE AREA CLASSIFICATION.
 - DEVICE TAGS ON SHEET 2. DATA: [REDACTED] INS-LST-001; I/O: [REDACTED] INS-LST-002.
- REF: [REDACTED] INS-LST-001, LST-002, DWG-001
REF: [REDACTED] MEC-DWG-001 PLOT PLAN

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

[REDACTED]
120 MMSCFD RECEIPT INTO [REDACTED]
[REDACTED]
COUNTY, [REDACTED]
DISCIPLINE: INSTRUMENTATION
SCALE: 1 IN = 30 FT

INSTRUMENT LOCATION PLAN

OVERALL PLAN AND JUNCTION BOXES

DRAWN: _____ CHECKED: _____ APPROVED: _____

DWG NO.

INS-DWG-003

SHEET 1 OF 2 REV A