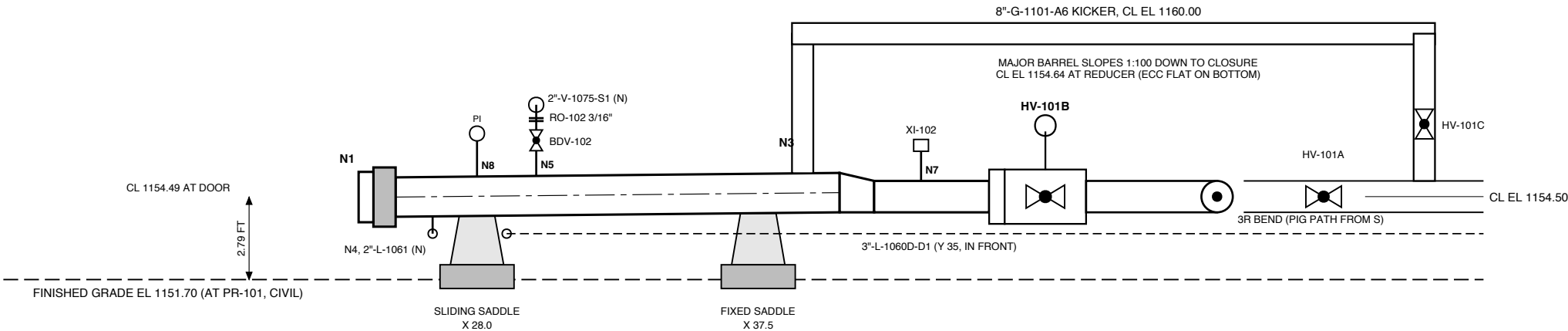


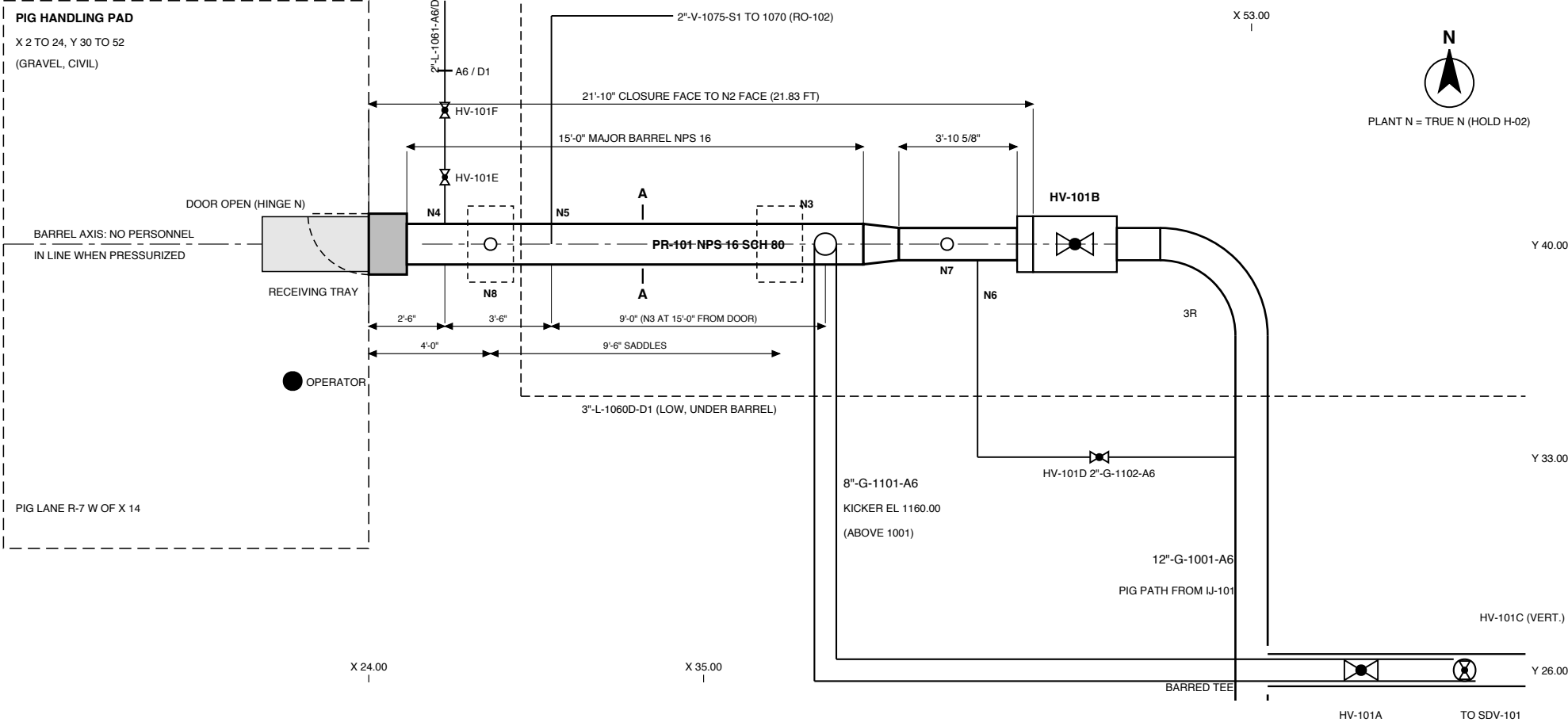
ELEVATION LOOKING NORTH

SCALE 1 IN = 5 FT



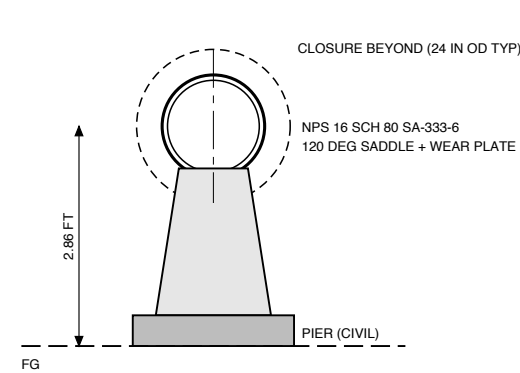
PLAN

SCALE 1 IN = 5 FT



SECTION A-A (AT X 33, LOOKING WEST)

SCALE 1 IN = 2.5 FT



NOZZLE SCHEDULE

| MARK | SIZE | RATING         | SERVICE            | X / FROM DOOR   | ORIENT. |
|------|------|----------------|--------------------|-----------------|---------|
| N1   | 16"  | CL 600 QOC     | CLOSURE + PWD (N9) | 24.00 / 0'-0"   | END W   |
| N2   | 12"  | CL 600 RF WN   | INLET, TO HV-101B  | 45.83 / 21'-10" | END E   |
| N3   | 8"   | CL 600 RF, TEE | KICKER 1101        | 39.00 / 15'-0"  | TOP     |
| N4   | 2"   | CL 600 RF LWN  | DRAIN 1061         | 26.50 / 2'-6"   | BOTTOM  |
| N5   | 2"   | CL 600 RF LWN  | VENT BDV-102       | 30.00 / 6'-0"   | TOP     |
| N6   | 2"   | CL 600 RF LWN  | EQUALIZING 1102    | 44.00 / 20'-0"  | SIDE S  |
| N7   | 2"   | CL 600 RF LWN  | SIGNALER XI-102    | 43.00 / 19'-0"  | TOP     |
| N8   | 1"   | CL 600 RF LWN  | PI-102 + LOW RANGE | 28.00 / 4'-0"   | TOP     |

DESIGN DATA (DS-002, CAL-007)

| ITEM      | VALUE                                      |
|-----------|--------------------------------------------|
| CODE      | ASME VIII DIV 1, U-STAMP; CLOSURE UG-35.2  |
| DESIGN    | 1,440 PSIG @ -20/133 F; 1,420 PSIG @ 150 F |
| MDMT / CA | -20 F @ 1,440 PSIG / 1/16 IN               |
| MATERIALS | SA-333-6 PIPE, SA-420 WPL6, SA-350 LF2     |
| SHOP TEST | 2,225 PSIG + CLOSURE / INTERLOCK TESTS     |
| TOOLS     | BI-DI 1.67 FT, MFL ILI 9.0 FT (HOLD H-16)  |
| REST ZONE | 14.18 FT vs 10.19 FT REQUIRED              |
| WEIGHT    | EMPTY 5,457 LB / TEST 6,674 LB             |

CLOSURE INTERLOCK I-08 (KEY SEQUENCE)

- CLOSE AND LOCK HV-101B: RELEASES KEY A
- KEY A: OPEN BDV-102 (VIA RO-102, ABOUT 15 MIN), CONFIRM 0 PSIG ON PI-102
- BDV-102 LOCKED OPEN: RELEASES KEY B
- KEY B: OPEN PRESSURE WARNING DEVICE, THEN UNLOCK DOOR
- OPERATOR ON S SIDE OF DOOR, NEVER ON BARREL AXIS
- RETURN TO SERVICE IN REVERSE ORDER

NOTES / REFERENCES

- DIMENSIONS FT-IN; COORDINATES AND ELEVATIONS FT (NAVD88). SEE MEC-DWG-001, PIP-DWG-001.
- PR-101 DESIGN PER MEC-DS-002, SIZING PER MEC-CAL-007. VENDOR DATA HOLD H-15.
- KICKER N3: B16.9 NPS 16x8 WPL6 REDUCING TEE WITH GUIDE BARS (SET-ON NOZZLE NOT ADEQUATE).
- PIG PATH BENDS 3R (36 IN RADIUS). SADDLE X 37.5 FIXED, X 28.0 SLIDING (PTFE SLIDE PLATE).
- NO PERSONNEL ON THE BARREL AXIS WEST OF THE DOOR WHEN PRESSURIZED OR RECEIVING.
- PIERS, PIG PAD AND LANE BY CIVIL. SADDLE LOADS PER CAL-007 7.5 PLUS PIG ARRIVAL LOAD.
- HYDROTEST: PR-101 IN TS-01A (MEC-CAL-003), 2,160 TO 2,190 PSIG AT HIGH POINT.
- REF: PRO-DWG-101, MEC-DS-002, MEC-CAL-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: PIPING  
SCALE: 1 IN = 5 FT (AS NOTED)

PIG RECEIVER PR-101 GA

PLAN, ELEVATION, SECTION, NOZZLE SCHEDULE

DRAWN: \_\_\_\_\_ CHECKED: \_\_\_\_\_ APPROVED: \_\_\_\_\_

DWG NO.

PIP-DWG-005

SHEET 1 OF 1 REV A