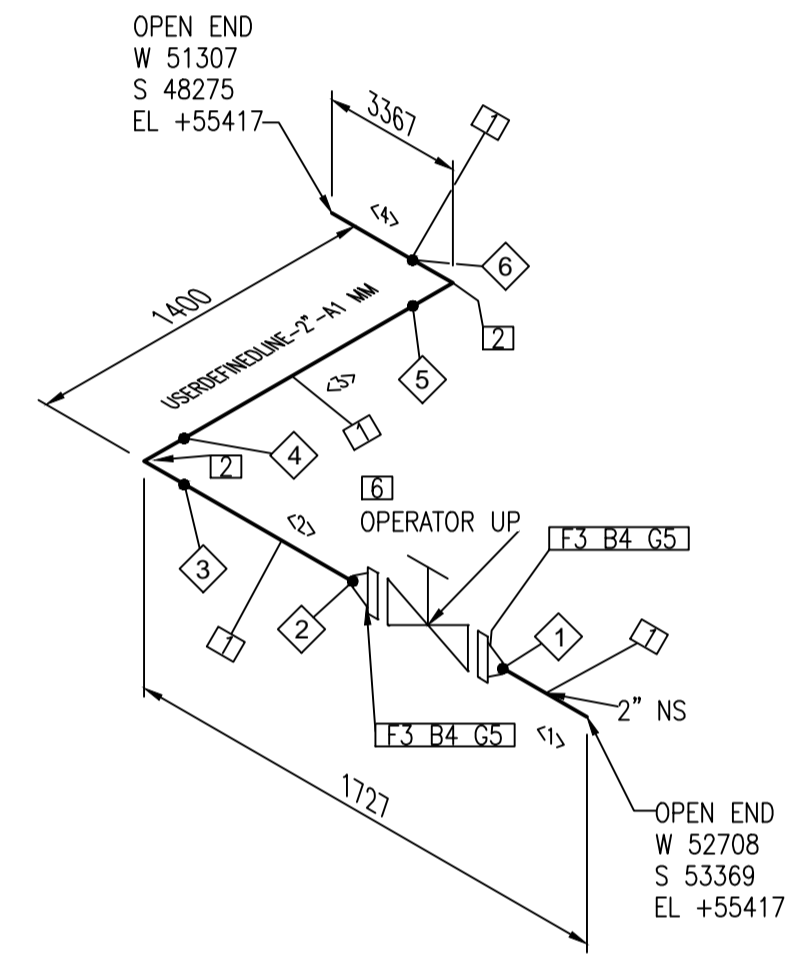


| BILL OF MATERIALS | | | | |
|-------------------|------|---------|-----------|--|
| ID | QTY | ND | SCH/CLASS | DESCRIPTION |
| PIPE | | | | |
| 1 | 5.9M | 2" | 40 | 2", SCH40 |
| FITTINGS | | | | |
| 2 | 2 | 2" | 40 | ELL 90 LR, BV, ASME B16.9, A 234 GR. WPB, SCH 40 |
| FLANGES | | | | |
| 3 | 2 | 2" | 150 | FLANGE WN, RF, 150 LB, ASME B16.5, A 105 GR. N |
| FASTENERS | | | | |
| 4 | 8 | 5/8"x83 | 150 | BOLT SET, RF, 150 LB, STUD BOLT |
| 5 | 2 | 2" | 150 | GASKET, SWG, 1/8" THK, RF, 150 LB, ASME B16.20 |
| VALVES | | | | |
| 6 | 1 | 2" | 150 | GATE VALVE, FL, RF, 150 LB, ASME B16.10 |

| CUT PIECE LIST | | | | |
|----------------|--------|----|------------|------------|
| ID | LENGTH | ND | END1 | END2 |
| 1 | 181MM | 2" | SQUARE CUT | BEVEL |
| 2 | 1160MM | 2" | BEVEL | BEVEL |
| 3 | 1248MM | 2" | BEVEL | BEVEL |
| 4 | 3292MM | 2" | BEVEL | SQUARE CUT |



| ID | ND | TYPE | CATEGORY |
|----|----|----------|------------------|
| 6 | 2" | BUTTWELD | FABRICATION-ITEM |
| 5 | 2" | BUTTWELD | FABRICATION-ITEM |
| 4 | 2" | BUTTWELD | FABRICATION-ITEM |
| 3 | 2" | BUTTWELD | FABRICATION-ITEM |
| 2 | 2" | BUTTWELD | FABRICATION-ITEM |
| 1 | 2" | BUTTWELD | FABRICATION-ITEM |

WELD LIST

±0.00 = 90.00

| | | | | | | | | | | | | | |
|---|------------------------|--------------|---------------------|--------------|--------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|----------------------------------|---------------------|------------------------|
| NOTE / ПРИМЕЧАНИЯ | | | | | | | | | | | PROJECT ПРОЕКТ | | |
| | | | | | | | | | | | DRAWING TITLE НАИМЕН. ЧЕРТЕЖА | | |
| | | | | | | | | | | | CLIENT / ЗАКАЗЧИК | | |
| | | | | | | | | | | | SHEET / ЛИСТ | REV / РЕВ | SCALE / МАШТАБ |
| REFERENCE DWG. No НОМЕР ССЫЛОЧНОГО ЧЕРТЕЖА | DESCRIPTION / ОПИСАНИЕ | REV. РЕВ. | REVISION / РЕДАКЦИЯ | DATE ДАТА | DRAWN BY ЧЕРТИЛ | L.P. ENG. Г.И. ТРУБ. | I.M. ENG. Г.И. МЕХ. | L.PROC.E. Г.И. ТЕХН. | L.E. ENG. Г.И. ЭЛЕК. | L.I. ENG. Г.И. КИПЛА | L.C. ENG. Г.И. СТР. | PROJ.M. МЕН. ПР. | CLIENT M. ЗАК. МЕН. |