TACOMA LANDFILL FLARE STATION UPGRADE
CITY OF TACOMA REFUSE UTILITY

WORK ORDER NO. AU6911

VICINITY MAP

LOCATION MAP

SITE LOCATION

Addendum No. 2
NOTES:

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE SHEET G-2.
2. THIS DRAWING DOES NOT REPRESENT EQUIPMENT LAYOUT; ONLY CONCEPTUAL ARRANGEMENT.
3. FOR ADDITIONAL ELECTRICAL POWER AND CONTROL REQUIREMENTS, SEE ELECTRICAL DRAWINGS.
4. REPLACE EXISTING THERMOCOUPLES ON FLARES NUMBER 1 AND 2.
FIELD ELEVATION

INTERIOR / BACK - PANEL ELEVATION

FLARE STATION 101/102
CONTROL PANEL

CONTROL PANEL FRONT COMPONENT LIST

| ITEM | QUANTITY | DESCRIPTION | SCALE | DIAGRAM
|------|----------|-------------|-------|--------|
| 1    | 24       | OPERATOR'S - SEC ENGRAVED NAMEPLATE SCHEDULE | ENGRAVED NAMEPLATE SCHEDULE | 1/2" = 1'-0"
| 2    | 1        | PUSHBUTTON - NORMALLY OPEN TYPE | PUSHBUTTON | 1/2" = 1'-0"
| 3    | 1        | SELECTOR SWITCH - 2-POSITION SIMULTANEOUS SELECTOR | SELECTOR SWITCH | 1/2" = 1'-0"
| 4    | 13       | THERMOCOUPLE EXTENSION PROTECTIVE BOOT BETWEEN FLARE 101/102 DIAGRAM | THERMOCOUPLE EXTENSION PROTECTIVE BOOT | 1/2" = 1'-0"

CONTROL PANEL INTERIOR COMPONENT LIST

| ITEM | QUANTITY | DESCRIPTION | SCALE | DIAGRAM
|------|----------|-------------|-------|--------|
| 1    | 2        | TIME SCHEDULING SYSTEM, HONEYWELL | TIME SCHEDULING SYSTEM | 1/2" = 1'-0"
| 2    | 2        | PUSHBUTTON WITH SEL. PLATE | PUSHBUTTON | 1/2" = 1'-0"
| 3    | 3        | SELECTOR SWITCH - 2-POSITION | SELECTOR SWITCH | 1/2" = 1'-0"
| 4    | 1        | STEP DOWN RESISTOR | STEP DOWN RESISTOR | 1/2" = 1'-0"
| 5    | 2        | THERMOCOUPLE EXTENSION CONTROLLER, HONEYWELL 150-600 OF APPROVED EQUAL | THERMOCOUPLE EXTENSION CONTROLLER | 1/2" = 1'-0"
| 6    | 1        | EXCLUDER - 10" RINGS | EXCLUDER | 1/2" = 1'-0"
| 7    | 2        | VALVE, FIRE RING ON 3" PIPE | VALVE | 1/2" = 1'-0"
| 8    | 10       | CONTROL RELAY, GENERAL PURPOSE | CONTROL RELAY | 1/2" = 1'-0"

NOTES:

1. FOR ELECTRICAL LOUDER INTERCONNECT AND GENERATOR, SEE NOTE 11.
2. Materials shown (except panel, flanges, As-Flash) shall be listed and approved by the authority having jurisdiction.
3. FOR POSITIONING PANEL REQUIREMENTS, SEE NOTE 3.
4. FOR PANEL IDENTIFICATION, SEE NOTE 4.
5. FOR EXISTING FLARE (L.O.) CONTROL PANEL LOCATION, SEE NOTE 6.
6. TERMINAL BLOCKS - HIGH DENSITY, STYLE 1750 OR APPROVED EQUAL.
7. FOR FLARE 101/102 LOCATION, SEE NOTE 8.
8. FOR EXISTING FLARE 101/02 POSITION, SEE NOTE 9.
9. FLARE STATION 101/102 PLATE - ELABORATION WITH PANEL INTEGRATOR BY PANEL INTEGRATOR (SEE NOTE 10).

TERMINAL BLOCK DIAGRAMS
SHEET 12 OF 15

NOTES:
1. FOR CONSTRUCTION REQUIREMENTS, SEE NOTE 5.
2. FOR CONSTRUCTION REQUIREMENTS, SEE NOTE 5.
3. EIGHT 1 TO 4 GND (TYPE K THERMOCOUPLE) WIRES ARE TAPPED TO THE FLARE STATION FOUNDATION (SEE NOTE 5).
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DRAWING NO. BWST-3042

TACOMA PUBLIC WORKS
DEPARTMENT OF PUBLIC WORKS
MISCELLANEOUS ELECTRICAL

AUG99

DEVELOPMENT OF TECHNICAL SPECIFICATIONS
DEPARTMENT OF PUBLIC WORKS

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11. FOR CONSTRUCTION REQUIREMENTS, SEE NOTE 5.
1. FOR ELECTRICAL, LEGEND, INTERPRETATIONS AND GENERAL NOTES, SEE ENDSHEET.
2. CONTRACTOR SHALL RENOVATE EXISTING FIELD DEVICES ASSOCIATED WITH RELOCATED FLARES No. 1 AND No. 2.
3. CONTRACTOR SHALL FURNISH AND INSTALL NEW DUAL-PROBE ELECTRONIC THERMOCOUPLES IN EXISTING FLARES No. 1 AND No. 2.

CIRCLED AREAS INDICATE WORK TO BE PERFORMED BY CONTRACTOR.