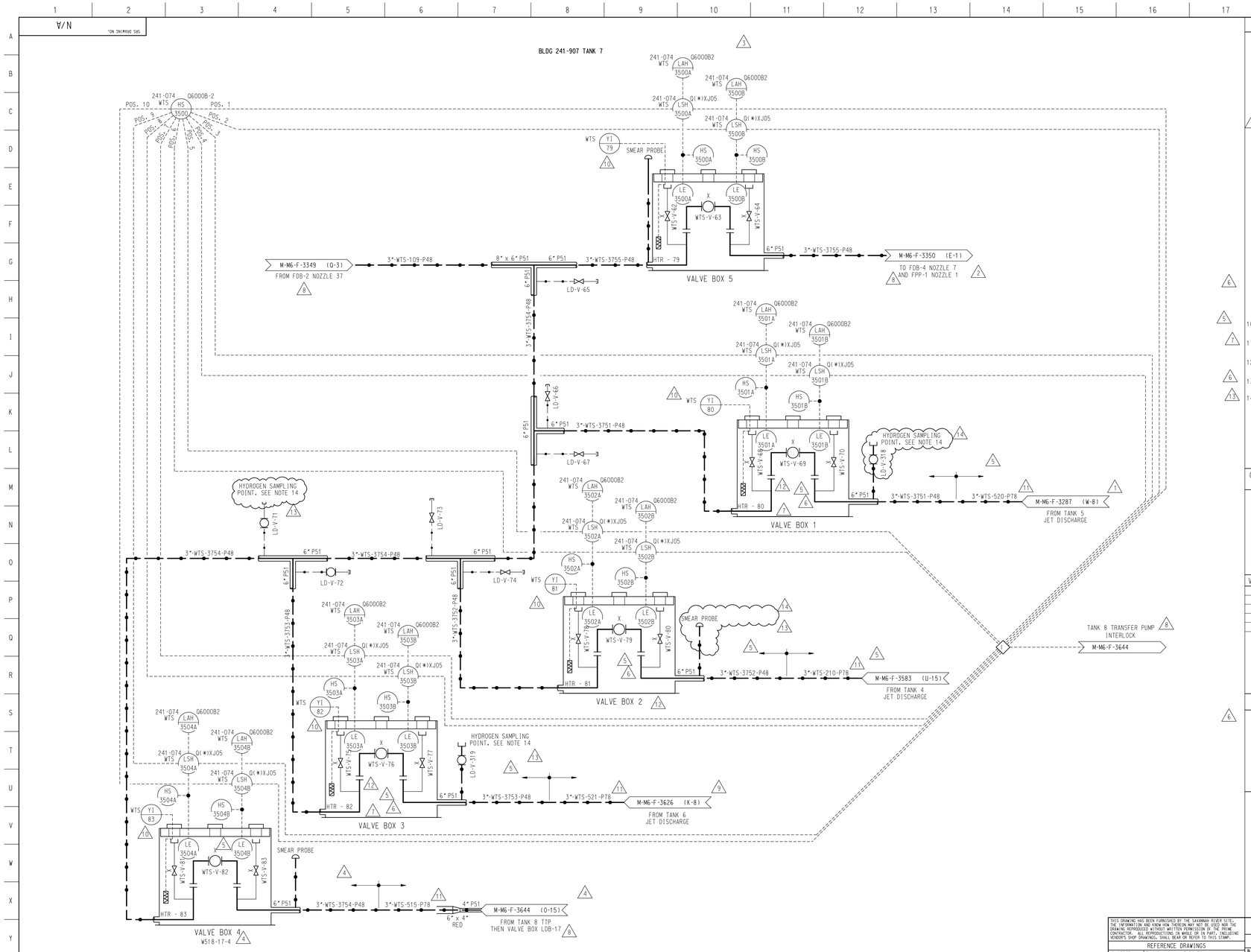


## GENERAL NOTES

1. THIS DRAWING WAS PREPARED AS A DELIVERABLE FOR SUBCONTRACT AB30636P IN ACCORDANCE WITH PROCEDURE WME-MC-1-3. THE GRAPHIC SYMBOLOGY, SYSTEM ACRONYMS AND COMPONENT FUNCTION IDENTIFIERS USED TO ILLUSTRATE THE DRAWING WERE TAKEN FROM (M-M1-G-0069 THROUGH M-M1-G-0074).
2. THE SYSTEM P&ID INDEX SHEET, DRAWING (M-M3-F-0005), PROVIDES A LISTING OF ALL NEW (M-M6) DRAWINGS ISSUED AS SYSTEM P&ID'S AND INCLUDES THE "W" DRAWINGS THAT HAVE BEEN SUPERCEDED.
3. COMPONENT LOCATION IDENTIFIERS (CLI'S) FOR EACH COMPONENT CAN BE CONSTRUCTED BY PRECEEDING THE COMPONENT NUMBER SHOWN ON THIS DRAWING (I.E., WTS-V-64) WITH THE AREA (F), UNIT (L) AND BUILDING NUMBER ( 241-907 ). INSTRUMENT BUBBLES WITH A "Q" NUMBER ARE LOCATED IN THE AREA CONTROL ROOM AND THE APPLICABLE BUILDING NUMBER IS USED TO CONSTRUCT THE CLI.
4. THE SEQUENCE NUMBERS USED FOR LINE NUMBERS ILLUSTRATED ON THIS SYSTEM P&ID PROVIDE A DIRECT CORRELATION TO THE LINE NUMBERS ILLUSTRATED ON THE REFERENCED "W" DRAWINGS.
5. THE P-CODE INFORMATION INCLUDED IN THE LINE NUMBER ILLUSTRATED ON THE SYSTEM P&ID WAS TRANSCRIBED DIRECTLY FROM THE REFERENCED "W" DRAWINGS.
   THE ACTUAL P-CODE START/STOP POINTS WERE NOT FIELD VERIFIED.
6. THE VALVE SYMBOLS ON THIS P&ID ARE ILLUSTRATED IN COMPLIANCE WITH LEGEND SHEETS (M-M1-G-0069 THROUGH 0072). THE P&ID IS NOT INTENDED TO PROVIDE OR ILLUSTRATE ANY PARTICULAR VALVE LINE-UP OR OPERATING MODE.
7. THE AS-BUILT CONFIGURATION OF UNDERGROUND PIPING ON THIS SYSTEM P&ID WAS NOT FIELD VERIFIED.
8. DELETED
9. JUNCTION BOXES DESIGNATED BY "(*)" ARE PREFIXED AS FOLLOWS: FL-241074-RCWY-ESNP-W718959-.
10. DELETED
11. DELETED
12. DELETED
13. DELETED
14. 1/4" SWAGELOK QUICK CONNECTS SS-QC4-B-4PM AND PROTECTION PLUGS SS-QC4-BP

| CLI NUMBER | VERBATIM CONTROL ROOM PANEL DESCRIPTION |
|---|---|
| WTS-HS-3500 | VALVE BOX LEVEL ELEMENT SELECTOR SWITCH |
| WTS-LAH-3501A | VALVE BOX 1 HIGH LEVEL ALARM |
| WTS-LAH-3501B | VALVE BOX 1 HIGH LEVEL ALARM |
| WTS-LAH-3502A | VALVE BOX 2 HIGH LEVEL ALARM |
| WTS-LAH-3502B | VALVE BOX 2 HIGH LEVEL ALARM |
| WTS-LAH-3503A | VALVE BOX 3 HIGH LEVEL ALARM |
| WTS-LAH-3503B | VALVE BOX 3 HIGH LEVEL ALARM |
| WTS-LAH-3504A | VALVE BOX 4 HIGH LEVEL ALARM |
| WTS-LAH-3504B | VALVE BOX 4 HIGH LEVEL ALARM |
| WTS-LAH-3505A | VALVE BOX 5 HIGH LEVEL ALARM |
| WTS-LAH-3505B | VALVE BOX 5 HIGH LEVEL ALARM |

| VALVE BOX # | EN# | FUNCTION |
|---|---|---|
| 1 | W518-17-1 | TK 5 TO FDB-2 VALVE BOX |
| 2 | W518-17-2 | TK 4 TO FDB-2 VALVE BOX |
| 3 | W518-17-3 | TK 6 TO FDB-2 VALVE BOX |
| 4 | W518-17-4 | TK 8 TO FDB-2 VALVE BOX |
| 5 | W518-17-5 | FDB-2 TO FPP-1 VALVE BOX |

## NOTE

NOTE DELETED.

AIM AUTHENTICATOR
ENTERED BY: Tarvey L. Jones DATE: 5/05/08

E & PD DRAWING NO.: M M6 F 3289 — LATEST REVISION 14

THIS DRAWING HAS BEEN FURNISHED BY THE SAVANNAH RIVER SITE. THE INFORMATION AND KNOW-HOW THEREON MAY NOT BE USED NOR THE DRAWING REPRODUCED WITHOUT WRITTEN PERMISSION OF THE PRIME CONTRACTOR. ALL PERSONS ENTERING INTO CONTRACTS WITH THE PRIME CONTRACTOR OR VENDORS SHOP DRAWINGS, SHALL BEAR OR REFER TO THIS STAMP.

REFERENCE DRAWINGS

| | |
|---|---|
| D187863 | TANKS 4-8 VALVE BOXES |
| W716927 | TANKS 4-8 AND FDB-2 DIAGRAM |
| W719199 | 241-F TANKS 4-8 TRANSFER LINES |

REFERENCE STANDARDS

UNITED STATES DEPARTMENT OF ENERGY
SAVANNAH RIVER SITE

| BLDG. NO. | SITE CLEARANCE NO. | DESIGN AREA NO. | DESIGN GROUP |
|---|---|---|---|
| 241-907F | N/A | N/A | LWTS-DMM |

TITLE
F AREA OLD HILL
VALVE BOXES
WASTE TRANSFER SYSTEM

PIPING AND INSTRUMENT DRAWING
(U)

| SCALE | SRS DRAWING NO. | SHEET NO. | LATEST REVISION |
|---|---|---|---|
| NONE | N/A | 1 OF 1 | 14 |

Scale shown on this drawing is only applicable when plotted at 30"x42" (actual drawing size)

DRAWN BY (ORIGI): J.SULLIVAN LAST CADD REV. BY: CRH PSC: PLOT DATE
TIME DATE: 04/30/08

W.S. # ( ) . REF FILES YES NO LEVELS

| PROJ. | REV. NO. | DATE | REVISION | PRP'D | CHK'D | DEM | MPE |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| PROJ. | REV. NO. | DATE | REVISION | PRP'D | CHK'D | DEM | MPE |
|---|---|---|---|---|---|---|---|
| N/A | 9 | 06-/05/02 | INCORPORATED M-DCF-F-03295 (PE&CD/CM) | CRH | DJZ | JKB | N/A |
| S-W872 | 10 | 07/11/02 | INCORP. E-DCF-F-01014 (REF. DCN. M-001). | SIGNATURES ON MICROFILM | | | |
| N/A | 11 | 03/25/04 | INCORPORATED M-DCF-F-03700. (LWTS-DMM) | RWS | KP | RWL | TMM |
| N/A | 12 | 2/22/06 | INCORPORATED U-DCF-F-00114 (LWTS-DMM) | APPROV. SIGNATURES IN AIM | | | |
| LW0134 | 13 | 3/5/08 | INCORPORATED M-DCF-F-04130 (LWO-TFE-DMM) | APPROVALS MAINTAINED IN DOCUMENT MICROFILM | | | |
| N/A | 14 | 5/05/08 | REVISED TO CORRECT DRAWING. MOVED SAMPLE POINT FROM VALVE BOX 2 TO VALVE BOX 1 (LWO-TFE-DMM) | | | | |

| PROJ. | REV. NO. | DATE | REVISION | PRP'D | CHK'D | DEM | MPE |
|---|---|---|---|---|---|---|---|
| CRH 48306368 | 0 | 1-8-96 | ISSUED FOR RELEASE PER NOTES 1 AND 2 | KP | RJM | TBC | BAM |
| S-2081 | 1 | 12-18-97 | INCORPORATED P-DCF-F-96003 (DCN M-012) | (WR) SIGNATURES ON MICROFILM | | | |
| WTF867 | 2 | 07-10-98 | INCORP U-DCF-F-00026 & M-DCF-F-01248 | SIGNATURES ON MICROFILM | | | |
| S-W183 | 3 | 09/07/99 | INCORPORATED J-DCP-F-96023 (DCN M-001). INC. E-DCF-F-01338 AGAINST | SIGNATURES ON MICROFILM | | | |
| | | | J-DCP-F-96023. (WR) | | | | |
| S-W183 | 4 | 10/13/99 | INCORPORATED M-DCP-F-96055 (M-001). (WR) | SIGNATURES ON MICROFILM | | | |
| WFTDM00 | 5 | 04/19/00 | INCORPORATED M-DCF-F-02449 & M-DCF-F-02464. (STW) | SIGNATURES ON MICROFILM | | | |
| S-W183 | 6 | 04/27/00 | INCORPORATED M-DCF-F-02305 & U-DCF-F-00079. (PE & CD-WR) | SIGNATURES ON MICROFILM | | | |
| U-PNT-F-00002 | 7 | 11-7-00 | INCORPORATED M-DCF-F-02664. | SIGNATURES ON MICROFILM | | | |
| N/A | 8 | 9-10-01 | INCORP. M-DCF-F-02646 (STW) | VLS | JEB | RWL | JEB |