START

0031260

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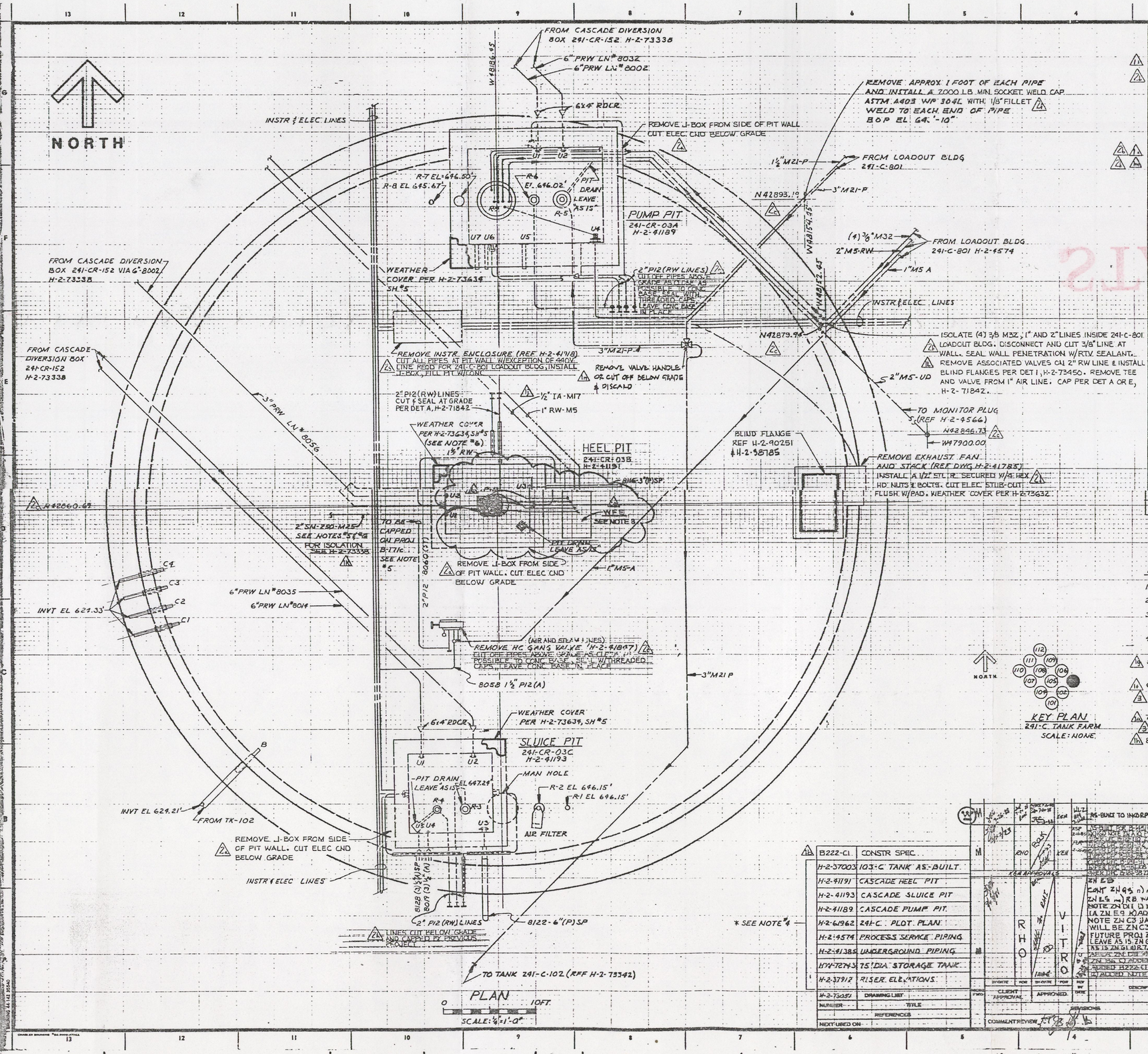

NOZZLE AND RISER SCHEDULE

RISER NO.	SIZE	IDENTIFICATION	REFERENCE AND COMMENTS
241-C-103 R-1	4"	THERMOCOUPLE	T.C. TREE H-2-90342 ASSY 1 PROJ B-171
R-2	12"	SLUDGE WEIGHT	REMOVE SLUDGE WEIGHT AND INSTALL AIR FILTER PER H-2-69748
R-3	12"	SLUICING ACCESS	LEAVE "AS IS"
R-4	4"	RECIRC DIP LEG	
R-5	4"	RECIRC DIP LEG	
R-6	12"	SLUICING ACCESS	
R-7	12"	WASTE HEADER	REMOVE W/H & ISOLATE PER DET 1, H-2-73450, WEATHER COVER W/PIT
R-8	4"	PIG	LEAVE "AS IS"; DO NOT REGASKET
R-9	42"	SPECIAL PROBE	LEAVE "AS IS"
R-13	26"	SALT WELL	
NOZZLE NO.			
B	3"	OVERFLOW INLET	LEAVE "AS IS"
C1	3"	SPARE INLET	LEAVE "AS IS" (CAPPED PER HW-72743)
C2	3"	SPARE INLET	
C3	3"	SPARE INLET	
C4	3"	SPARE INLET	
PUMP PIT 241-CR-03A			
U-1	4"	NOZZLE	LEAVE "AS IS", SEAL IN DIVERSION BOX 241-CR-152, H-2-73338
U-2	4"		
U-4	4"		LEAVE "AS IS"
U-5	—	ELEC	PLUG PER DET 6, H-2-73450
U-6	—	ELEC	
U-7	—	ELEC	
HEEL PIT 241-CR-03B			
U-1	2"	NOZZLE	USED FOR SALT WELL PUMPING SEE NOTE #5 & #6
U2	3"		LEAVE AS IS, SEAL IN DIVERSION BOX 241-CR-152, H-2-73338
U-3	3"		LEAVE "AS IS", CAPPED PER H-2-41191
SLUICE PIT 241-CR-03C			
U-1	4"	NOZZLE	LEAVE "AS IS", SEAL IN DIVERSION BOX 241-CR-152, H-2-73338
U-2	4"		
U-3	4"		LEAVE "AS IS", CAPPED PER H-2-41193
U-4	2"		INSTALL NOZZLE SEAL PER ASSY 3, H-2-73453
U-5	2"		

NOTES

1. FOR GENERAL NOTES & LEDGEND SEE DWG H-2-73051 SH 3
2. APPROX GRADE ELEVATION AT CENTER OF TANK IS 645.00'
3. SEE DRAWING INDEX (H-2-73051) FOR DRAWING NUMBERS NOT LISTED IN REFERENCE COLUMN.
4. * DENOTES REFERENCES NOT PERTINENT TO NEW CONSTRUCTION (AS BUILT TANK INFORMATION).
5. INSTALLATION OF SALT WELL EQUIPMENT WAS PERFORMED UNDER PROJECT B-171C, H-2-73973.
6. INSTALLATION OF SALT WELL PUMP PIT WEATHER COVER & INSTALLATION OF TRANSFER PIPE & MOTOR CONTROL CENTER WILL BE PERFORMED AFTER COMPLETION OF SALT WELL PUMPING
7. CLOUDED AREA TO BE ISOLATED AT CONCLUSION OF SALT WELL PUMPING
8. AT CONCLUSION OF SALT WELL PUMPING FOR THIS TANK, ISOLATE WEIGHT FACTOR ENCL PER DET 5, H-2-73451. AT THE CONCLUSION OF SALT WELL PUMPING FOR THE ENTIRE 241-C TANK FARM, ISOLATE WT FACTOR ENCL PER DET 5, H-2-73451 & WEATHER COVER PER H-2-73634 SH 11

KEY PLAN
241-C TANK FARM
SCALE: NONE

B222-C1	CONSTR SPEC	
H-2-37003	103-C TANK AS-BUILT	
H-2-41191	CASCADE HEEL PIT	
H-2-41193	CASCADE SLUICE PIT	
H-2-41189	CASCADE PUMP PIT	
H-2-61962	241-C PLOT PLAN	
H-2-45574	PROCESS SERVICE PIPING	
H-2-41385	UNDERGROUND PIPING	
H-H-72743	75' DIA STORAGE TANK	
H-2-37912	RISER ELEVATIONS	
H-2-73051	DRAWING LIST	

NUMBER — TITLE — REFERENCES

NEXT USED ON

REV. NO.	DATE	DESCRIPTION
3	9-27-99	AS-BUILT TO INCORP ECN B-271-99
2	3-30-98	AS-BUILT FOR PROJECT B-171 INCORP NOTE ZN A (FOR ZONED CHG)
1	3-30-98	AS-BUILT FOR PROJECT B-171
0	2-14-95	ISSUED FOR CONSTRUCTION

RHO — VITRO

CLIENT APPROVAL — APPROVED — COMMENT REVIEW

LAST REV. 3

REV 1 DOE DATE 5/30/81

RELEASED FOR CONSTRUCTION BY DOE DATE 3/25/80

VITRO JOB NO. R13A2

U.S. Department of Energy
Richland Operations Office

VITRO ENGINEERING CORPORATION

PIPING WASTE TANK ISOLATION TK 241-C-103

PROJ NO.	B-181
WO NO.	X18102
PROJECT TITLE	ISOLATION OF SINGLE SHELL TANKS
SCALE	SHOWN
DRAWING NUMBER	H-2-73343

START

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REV 1 DOE DATE 5/30/81

RELEASED FOR CONSTRUCTION
BY DOE DATE 3/28/80

VITRO JOB NO. R131A2

U. S. Department of Energy
Richland Operations Office

VITRO ENGINEERING CORPORATION

PIPING
WASTE TANK ISOLATION
TK 241-C-103

PROJ NO. 8-181
PROJECT TITLE ISOLATION OF SINGLE SHELL TANKS
SCALE SHOWN
BLDG NO. 241-C
MODEL NO. 0110 & 0402

CLIENT APPROVAL
APPROVED
COMMENT REVIEW
LAST REV. 3
CLASSIFICATION NONE
BY NOT REQ'D
DRAWING NUMBER H-2-73343

CLIENT APPROVAL BY K B Forlan FOR ROCKWELL
DATE 2/21/80
PROJ ENGR
DESIGN
SAFETY IA Shepherd
QA
GROUP MGR
DESIGN ENGR
WELDING
CHECKED J. Dover
DRAWN MC PERKINS

RHO
VITRO
KEN
RAK
KEN APPROVALS
AS-BUILT TO INCORP ECN 8-222-99
3
2
ZN E8
CONT ZN 9S n) ADD NOTE
ZN E5 m) RB WAS FLOW IND
NOTE ZN D11 D WAS 1 2 TYPE
(A ZN E9 K) ADDED ISOLATION
NOTE ZN C3 j) ADDED RW &
WILL BE ZN C3 h) ADDED
FUTURE PROJ ZN C3 g) WAS
LEAVE AS IS ZN G1 f) WAS
AS IS ZN G1 d) R7 & WERE
ZN 5G c) ADDED CLOUDED
ADDED B222 c) CONSTR SPEC
d) ADDED NOTE 7 ZN C3 b)
DESCRIPTION