Unclassified

LEGEND

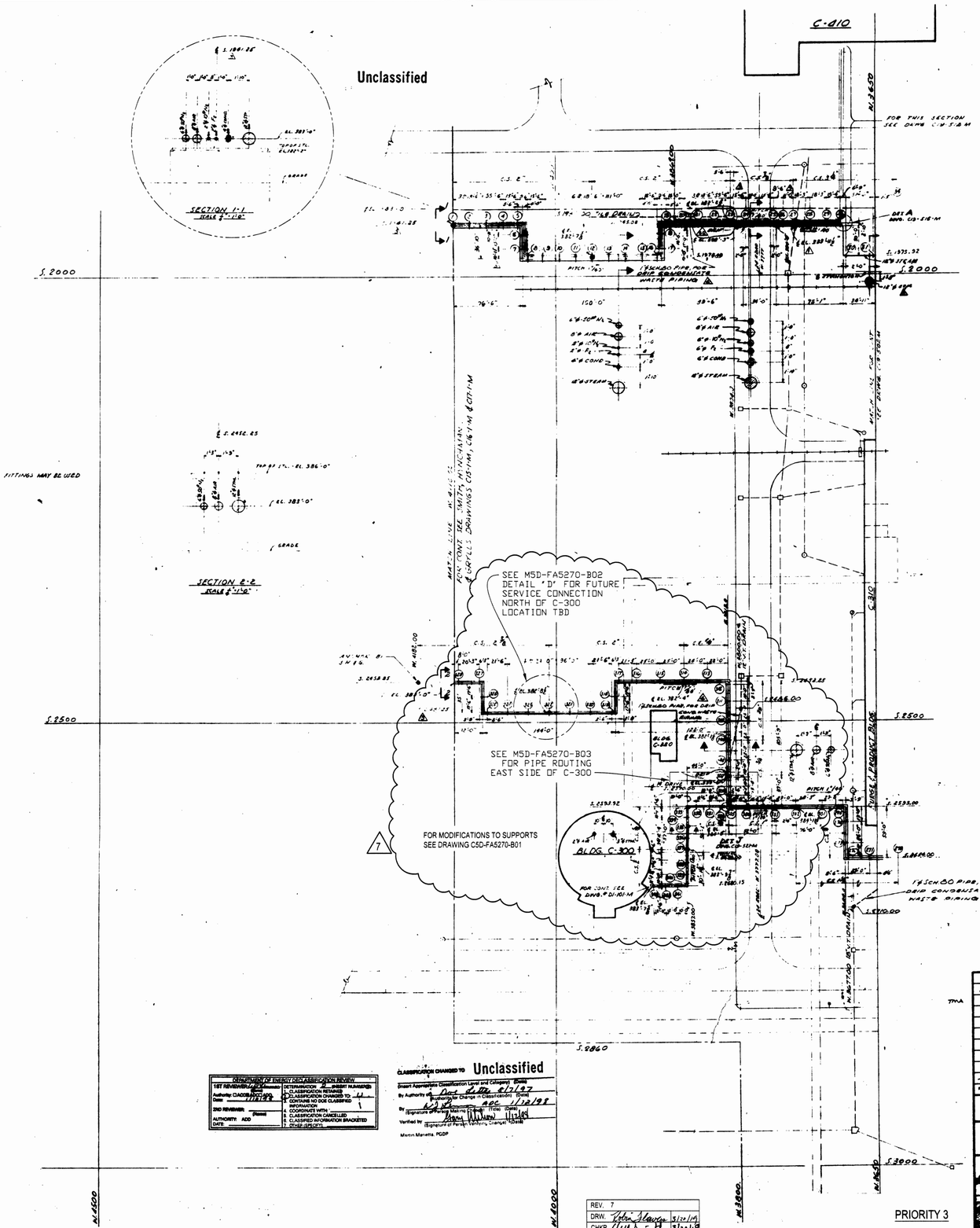
- PIPE SUPPORTS AT TRUCK ALLEY, BLDG. C-333
- " " " " " , " C-331
- " " " TIE LINE, BLDG C-331 TO C-333
- " " " " " , " C-315 TO C-331
- " " " " " , " C-310 TO C-331
- " " " " " , " C-410 TO C-310
- SUPPORT STANCHION
- ANCHOR
- STEAM LINE DRIP CONN.
- COLD SPRING DIM.

GENERAL NOTES

1. PIPE LINE MATERIALS AND INSTALLATION ARE COVERED IN THE FOLLOWING SPECIFICATIONS:
   (A) STEAM AND CONDENSATE - MASTER SPEC., SECT. #0D
   (B) NITROGEN - " " " " #2C
   (C) DRY AIR - " " " " #2E
   (D) ACID - " " " " #2J EXCEPT THAT WELDED CONST. & SCHED. #80 WELDING FITTINGS MAY BE USED
   (E) FLUORINE - SMITH, HINCHMAN & GRYLLS SPEC. #C16 1006-M (AS APPLIED TO FLUORINE LINES ONLY)
2. DRIP CONNECTIONS AS SHOWN ON DWG. #C19-520-M ARE TO BE PROVIDED ON STEAM LINES AT POINTS INDICATED ON DWGS.
3. DRAIN CONNECTIONS AS SHOWN ON DWG. #C19-520-M ARE TO BE PROVIDED AT LOW POINTS OF CONDENSATE LINES.
4. DRAIN PLUGS AS SHOWN ON DWG. #C19-520-M ARE TO BE PROVIDED AT LOW POINTS OF ALL HYDROSTATICALLY TESTED LINES OTHER THAN STEAM AND CONDENSATE.
5. COLD SPRING IS TO BE APPLIED ON STEAM LINES ONLY, AS INDICATED ON DWGS.
6. FOR PIPE SUPPORT STANCHIONS AND ANCHORS SEE DWG. #C19-590-M
7. REPLACE SPRING HANGERS ON STEAM LINES WITH RODS OR OTHERWISE SUPPORT LINES FOR HYDROSTATIC TEST

REFERENCE DRAWINGS

C19-500-M	KEY PLAN AND FLOW DIAGRAM
C19-501-M	1" = 30'-0" SCALE PLAN, SHEET #1
C19-502-M	" " " " " #2
C19-503-M	" " " " " #3
C19-504-M	" " " " " #4
C19-505-M	" " " " " #5
C19-510-M	PIPING AND DETAILS AT TRUCK ALLEY, BLDG. #C-331
C19-511-M	" " " " TIE LINE, BLDG. #C-315 TO #C-331
C19-512-M	PIPING PLAN AT TIE LINE, BLDG. #C-410 TO #C-310, SHEET #1
C19-513-M	" " " " " " " " " #2
C19-514-M	PIPING AND DETAILS AT TIE LINE, BLDG. #C-310 TO #C-331
C19-515-M	" " " " TRUCK ALLEY, BLDG. #C-333
C19-516-M	SECTIONS AND DETAILS AT TIE LINE, BLDG. #C-410 TO #C-310
C19-520-M	PIPING DETAILS, SHEET #1
C19-521-M	" " " #2
C19-530-M	PIPING SUPPORTS
C19-590-M	STRUCTURAL STANCHIONS & ANCHORS



7		CERTIFIED FOR CONSTRUCTION FOR ESQ FA5270
GC	11-30-17	CIECC REVISION (C-PM-P4649-R-1)
5	11/11/93	AS BUILT
4	11/1/93	DELETED DRIP & DRAIN PIPING AND [illegible]
3	5-2-93	[illegible]
1		[illegible]
2	11/11/92	REVISED PIPE SUPPORT LEGEND
1	7/31/92	REVISED STANCHIONS AS SUPPORTS [illegible] TO CLEAR [illegible]
—	11/4/91	CONSTRUCTION
—	7/16/91	APPROVAL
REV. NO.	DATE	ISSUED FOR

UNITED STATES ATOMIC ENERGY COMMISSION

GIFFELS & VALLET, INC. ENGINEERS DETROIT 26, MICHIGAN

DRAWING TITLE: OUTSIDE SERVICES - ABOVE GROUND STEAM, COND., DRAIN, NITROGEN & FLUORINE ASST. PLAN & SECTIONS

DRAWING NUMBER C19-501-M REV. 7

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

1ST REVIEWER: [illegible] (Name) Authority: CLASSIFICATION (Name) Date: 07/17/97

2ND REVIEWER: (Name)

AUTHORITY: ADD DATE:

DETERMINATION (Insert Numbers): 1. CLASSIFICATION RETAINED; 2. CLASSIFICATION CHANGED TO U; 3. CONTAINS NO DOE CLASSIFIED INFORMATION; 4. CLASSIFICATION RETAINED; 5. CLASSIFICATION CANCELLED; 6. CLASSIFIED INFORMATION BRACKETED; 7. OTHER (SPECIFY)

CLASSIFICATION CHANGED TO Unclassified (Insert Appropriate Classification Level and Category) (Date)

By Authority of: [illegible] (Authority for Change in Classification) (Date) 1/12/98

By: [illegible] (Signature of Person Making Change) (Date) 1/12/98

Verified by: [illegible] (Signature of Person Verifying Change) 1/12/98

Marvin Marietta, PGDP

REV.	7	
DRW.	[illegible]	3/22/19
CHKR.	[illegible]	3/22/19
R.E.	[illegible]	3/22/19
T.R.	N/A	
APPD.	[illegible]	3/23/19
DRAWING APPROVAL		DATE

UNCLASSIFIED

PRIORITY 3

FOUR RIVERS NUCLEAR PARTNERSHIP, LLC

DOE PRIME CONTRACT # DE-EM0004895