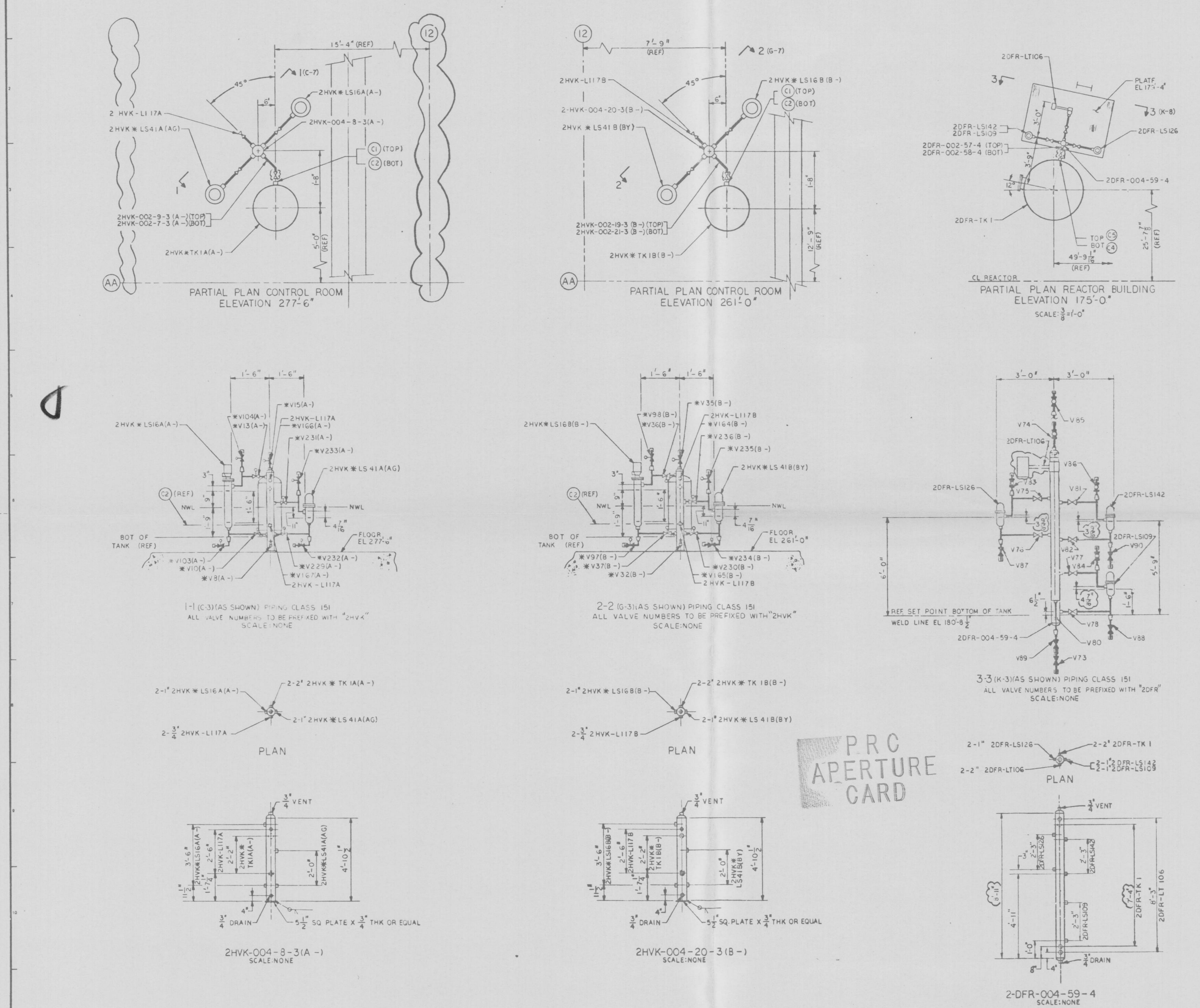

LEGEND:
NWL—NORMAL WATER LEVEL
TL —TANGENT LINE

NOTES:

1. SCALE: 1"=1'-0" UNLESS OTHERWISE NOTED.
2. REFER TO INSTRUMENT BILL OF MATERIAL FOR INSTRUMENT MARK NUMBERS SHOWN.
3. ALL DRAWING NUMBERS ARE TO BE PREFIXED WITH "12177" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
4. REFER TO MANUFACTURER PRINTS FOR CONNECTIONS TO EQUIPMENT.
5. INSCRIBE NWL ON STANDPIPE, ALLIGN WITH NWL MARK ON VESSEL, UNLESS OTHERWISE NOTED.
6. INSTRUMENT PIPING SYMBOLS PER STANDARD MK-1100-1-3 AND MK-1100-2-2
7. ALL STANDPIPES AND ASSOCIATED PIPING SHALL BE INSTALLED AND SUPPORTED BY PIPING CONTRACTOR.
8. SECTIONAL VIEWS HAVE BEEN EXPANDED FOR CLARITY, REFER TO PLANS FOR TRUE ORIENTATION.
9. POSITION INSTRUMENT VALVES ON STANDPIPE KEEPING ACCESS PLATFORM CLEAR FOR EASY ACCESSIBILITY TO ALL INSTRUMENTS AND VALVES.
10. ALL STANDPIPE DIMENSIONS = $\frac{1}{16}$" TOLERANCE.
11. SERVICE PLATFORMS MAY BE CUT AS DETERMINED BY FIELD TO EASE INSTALLATION OR ACCOMODATE STANDPIPE ORIENTATION.

REFERENCES:

INSTR PP LEVEL CONTROLS AND SWITCHES	EK406B&C
HVK PIPING CONTROL BUILDING EL 261'-0"	EB-81A
MACH LOCN PLAN EL 175'-0" REAC & DG	EM-2A
MACH LOCN PLAN EL 328'-10" REAC BLDG	EM-2F
FRAMING PLANS & MISC PLATFORMS	ES-53BJ
REAC BLDG CLOSED LOOP COOLING WATER	FSK-9-1
CONTROL BLDG CHILLED WATER	FSK-22-12
REAC BLDG FLR DRAINS	FSK-23-6
REAC BLDG EQUIP DRAINS	FSK-32-9

MANUFACTURER'S DRAWINGS:

2HVK*TK 1A&1B	3.200-106-003
2DFR-TK 1	3.382-069-019
2DER-TK 1	3.381-069-013
2DER-TK 2A	3.381-069-016
2DER-TK 2B	3.381-069-017
2CCP-TK 1	3.320-069-004

APPROVED [signature] 59006
LICENSED PROFESSIONAL ENGINEER, NO.
STATE OF NEW YORK
ALTERATION EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL

NUCLEAR SAFETY RELATED
QA CAT I, II

ISSUED FOR CONSTRUCTION

ISSUE	DESCRIPTION
0	ORIGINAL ISSUE FOR MATERIAL & FABRICATION
N	SEE RECORD OF DWG CHANGES 12177 BCK 406A-2

INSTRUMENT PIPING
LEVEL CONTROLS & SWITCHES SH 1

NINE MILE POINT NUCLEAR STATION — UNIT 2
NIAGARA MOHAWK POWER CORPORATION
STONE & WEBSTER ENGINEERING CORPORATION
CHERRY HILL, N.J.

CH DRAWING NUMBER 12177-EK-406A-2

DESIGNED BY A.M. LLOYD DR. WN BY A.M. LLOYD
DSGN CHKD BY J.SYLVESTER CHKD BY J.SYLVESTER
AREAS 1, 4 WORK PKG 81C
RESP ENGR E. HUBNER
SUPV R. A. BARCA

12177-EK-406A-2