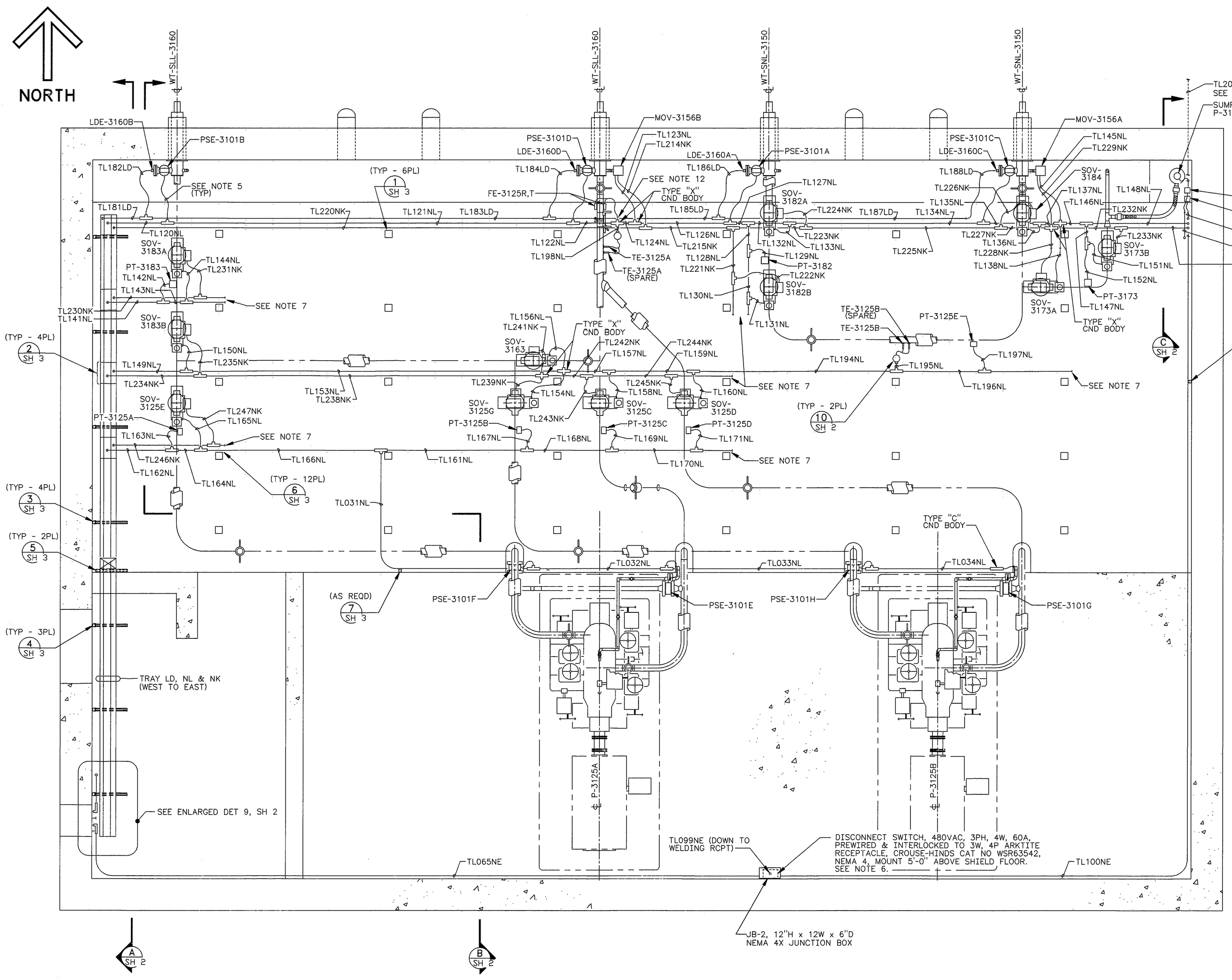

NOTES :

1. ABBREVIATIONS ARE PER ANSI Y1.1-1989.
2. TRAY SECTION DESIGNATIONS AND LAST TWO DESIGNATORS OF RACEWAY NUMBERS REPRESENT THE FOLLOWING:
   - NE - NORMAL POWER
   - NK - NORMAL CONTROL (ABOVE 50V)
   - NL - NORMAL INSTRUMENT (50V AND BELOW)
   - LD - LEAK DETECTION
   - SP - SPARE
3. PROVIDE 9"W x 6"D SOLID BOTTOM CABLE TRAY WITH COVER & STEEL BARRIERS (MIN HGT = 4") AS SHOWN ON DRAWINGS.
4. SEE SPEC W-058-C3 FOR CONDUIT AND CABLE SCHEDULE.
5. ROUTE CABLE LEADS SUPPLIED WITH RUPTURE DISK THRU "CGB" FITTING AND SPLICE TO EXTENSION CABLE LEADS IN "T" CONDUIT BODY.
6. MOUNT EQUIPMENT AT LOCATION SHOWN ON DWG USING 3/8" ANCHOR BOLTS. 3 PLACES MIN.
7. EXTEND & CAP CONDUIT FAR ENOUGH BEYOND SHIELD FLOOR SUPPORT TO PROVIDE SUPPORT FOR CONDUIT IN THIS AREA.
8. PROVIDE 12"L SECTION OF CABLE TRAY COVER PERMANENTLY ATTACHED TO TOP OF CABLE TRAY. PENETRATE THIS COVER WITH "LB" CONDUIT BODIES & BUSHINGS AT LOCATIONS SHOWN ON PLAN. PROVIDE COVER STIFFENERS IF CONDITIONS REQUIRE WHERE CONDUIT ATTACHES TO CABLE TRAY.
9. PROVIDE A MIN LENGTH OF CABLE TRAY WITHOUT COVER TO PERMIT CABLE ENTRY. WHEN TRANSITIONING FROM CONDUIT TO CABLE TRAY DO NOT ROUTE CABLES OF DIFFERENT CATEGORIES (LD,NL,NK) TOGETHER KEEPING AS MUCH SPACE AS PRACTICAL BETWEEN DIFFERENT CATEGORIES.
10. SEE CONSTRUCTION SPECIFICATION W-058-C3, SECTION 16400 FOR MATERIAL DESCRIPTION AND INSTALLATION INSTRUCTIONS UNLESS OTHERWISE NOTED.
11. ALL CONDUIT BODIES SHOWN ARE TYPE "T" UNLESS OTHERWISE NOTED. TYPE "T" CONDUIT BODIES MAY BE SUBSTITUTED FOR TYPE "X" WHERE PRACTICAL.
12. PROVIDE TYPE "CGB" CONDUIT FITTING FOR FLOW ELEMENT CABLE LEADS. USE APPROVED FILLER AND TAPE AS REQUIRED TO PROVIDE A WATER TIGHT SEAL. SIZE AS REQUIRED.
13. ELECTRICAL RACEWAY SUPPORTS MAY BE USED TO SUPPORT MISCELLANEOUS INCIDENTAL NON-ELECTRICAL ITEMS SUCH AS TUBING AND SMALL PIPE RUNS, ETC.
14. 10"x 8"x 6" JUNCTION BOX, NEMA 4, WITH BACK MOUNTING PANEL AND DIN RAIL MOUNTED TERMINAL BLOCKS (MIN 4).

GREGORY P. McDONALD, STATE OF WASHINGTON, 18972, REGISTERED PROFESSIONAL ENGINEER — 4-3-98 Rev 3

EXPIRES 05/30/99

DESIGNED GJ KUBINSKI DATE	SAFETY CLASS 2	USE CONSTRUCTION	
DSGN ENGR ML ALEXANDER 9/29/1995	U.S. DEPARTMENT OF ENERGY RICHLAND OPERATIONS OFFICE ICF KAISER HANFORD COMPANY	EDT 612958	
CHECKED AR SNOWHITE 9/29/1995			
SAFETY SEE DR/AT FORM	ELECTRICAL RACEWAY PLAN DIVERSION BOX 6241-A		
ENVIR SEE DR/AT FORM			
QUAL ENGR SEE DR/AT FORM			
LEAD ENGR ML ALEXANDER 9/29/1995			
REVIEW NO. 8 9/29/1995	PROJECT W-058, REPLACEMENT OF CROSS-SITE TRANSFER SYSTEM		
APPROVED FOR IMPLEMENTATION BY C VAN KATWIJK FOR WHC DATE 10/13/95	SIZE F / BLDG NO. 6241-A / INDEX NO. 7301 7501 / DWG NO. H-2-822510 / REV NO. 3		
	SCALE 1/2"=1'-0" / JOB NO. CR1320 / SHEET 1 OF 3		

REV NO.	DESCRIPTION	REV BY DATE	KEH APPROVALS	APVD FOR IMPL-ING FOR DATE
3	INCORPORATED ECN W058-381 W-058 PROJECT TURNOVER	HBM 3-13-1998 JLL 4/3/98	4/1/98	4-6-98

REVISIONS	
CAD FILE B822510A	CAD CODE 2J:IBM:ACD2:12.0:NN
XREFS N	

H-2-822200 DRAWING LIST

NUMBER	TITLE

DRAWING TRACEABILITY LIST — REFERENCES — NEXT USED ON

PLOT SCALE: 1=24 — KEHCAD

KEH 0350.00 (03/94) STRTKEHF: 199403030900