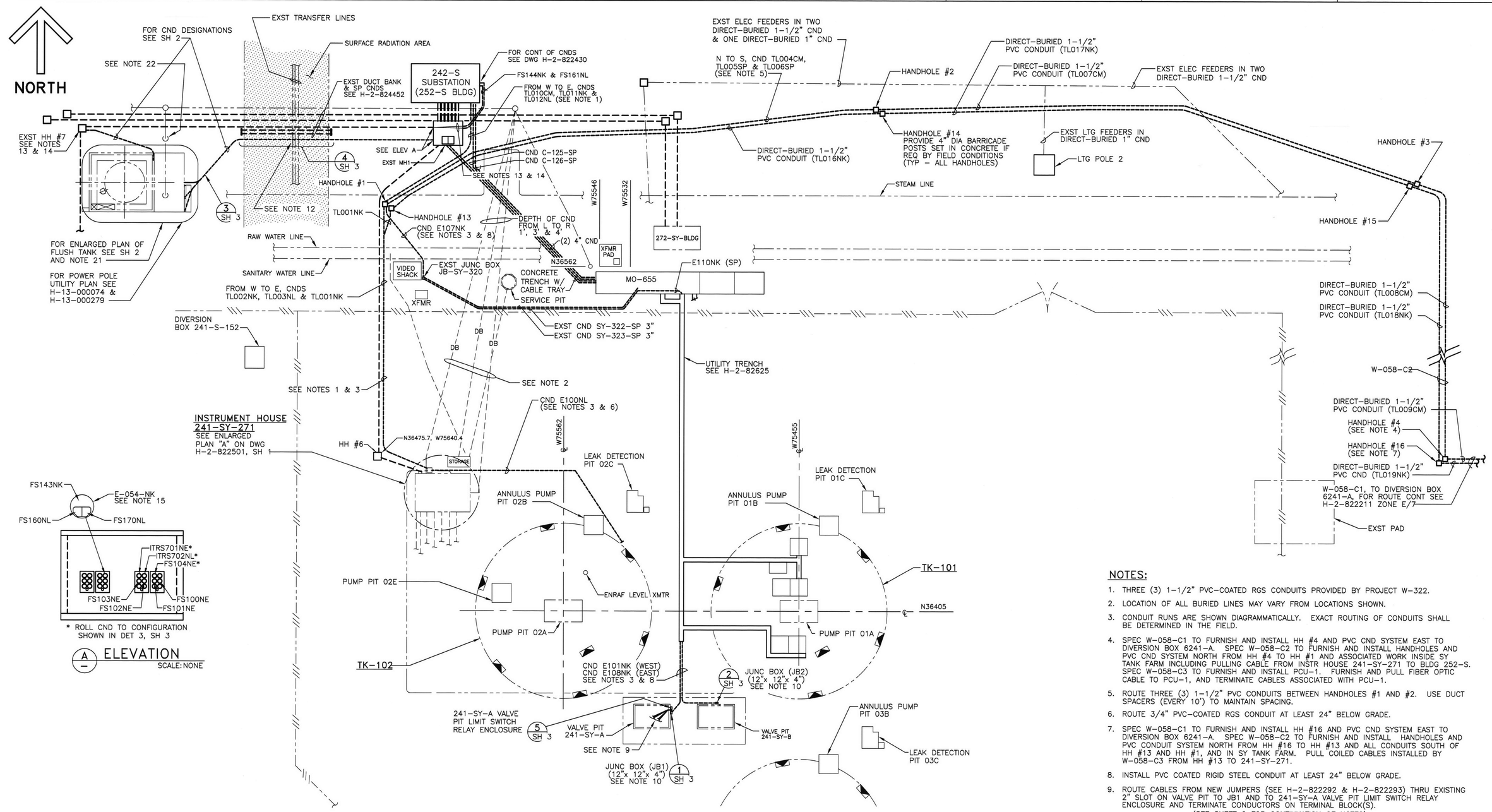

PARTIAL SITE PLAN

SCALE: 1" = 20'-0"

THE LAST TWO DESIGNATORS OF RACEWAY NUMBERS REPRESENT THE FOLLOWING:

- NE – NORMAL POWER
- NK – NORMAL CONTROL (ABOVE 50V)
- NL – NORMAL INSTRUMENT (50V AND BELOW)
- CM – COMMUNICATION
- SP – SPARE

NOTES:

1. THREE (3) 1-1/2" PVC-COATED RGS CONDUITS PROVIDED BY PROJECT W-322.
2. LOCATION OF ALL BURIED LINES MAY VARY FROM LOCATIONS SHOWN.
3. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT ROUTING OF CONDUITS SHALL BE DETERMINED IN THE FIELD.
4. SPEC W-058-C1 TO FURNISH AND INSTALL HH #4 AND PVC CND SYSTEM EAST TO DIVERSION BOX 6241-A. SPEC W-058-C2 TO FURNISH AND INSTALL HANDHOLES AND PVC CND SYSTEM NORTH FROM HH #4 TO HH #1 AND ASSOCIATED WORK INSIDE SY TANK FARM INCLUDING PULLING CABLE FROM INSTR HOUSE 241-SY-271 TO BLDG 252-S. SPEC W-058-C3 TO FURNISH AND INSTALL PCU-1. FURNISH AND PULL FIBER OPTIC CABLE TO PCU-1, AND TERMINATE CABLES ASSOCIATED WITH PCU-1.
5. ROUTE THREE (3) 1-1/2" PVC CONDUITS BETWEEN HANDHOLES #1 AND #2. USE DUCT SPACERS (EVERY 10') TO MAINTAIN SPACING.
6. ROUTE 3/4" PVC-COATED RGS CONDUIT AT LEAST 24" BELOW GRADE.
7. SPEC W-058-C1 TO FURNISH AND INSTALL HH #16 AND PVC CND SYSTEM EAST TO DIVERSION BOX 6241-A. SPEC W-058-C2 TO FURNISH AND INSTALL HANDHOLES AND PVC CONDUIT SYSTEM NORTH FROM HH #16 TO HH #13 AND ALL CONDUITS SOUTH OF HH #13 AND HH #1, AND IN SY TANK FARM. PULL COILED CABLES INSTALLED BY W-058-C3 FROM HH #13 TO 241-SY-271.
8. INSTALL PVC COATED RIGID STEEL CONDUIT AT LEAST 24" BELOW GRADE.
9. ROUTE CABLES FROM NEW JUMPERS (SEE H-2-822292 & H-2-822293) THRU EXISTING 2" SLOT ON VALVE PIT TO JB1 AND TO 241-SY-A VALVE PIT LIMIT SWITCH RELAY ENCLOSURE AND TERMINATE CONDUCTORS ON TERMINAL BLOCK(S).

(SEE SHEET 2 FOR CONTINUATION OF NOTES)

AUG 27 2012
DATE:
STA:
HANFORD RELEASE ID: 58

NOTE:

REVISION 4 OF THIS DRAWING WAS FIELD WALKED DOWN IN APRIL 2011. FOR CHANGES MADE AND FOR ITEMS NOT VERIFIED IN FIELD, SEE ECN-11-000770.

DWG NO	TITLE
DRAWING TRACEABILITY LIST	
H-14-101301 SHEET 1	INSTM SY TK FARM MPS SITE PLAN
H-2-822200	DRAWING LIST
REF NUMBER	TITLE
NEXT USED ON	REFERENCES

WPD REV NO	DESCRIPTION	REV BY DATE	DRAFTING APRVD	ENGR COMPANY
RS 6	INC ECN-11-000155, ECN-11-000800 AND ECN-11-001732	MAC 08/12	RL ROMINE 8/24/12	8/24/12 KL ENER WRPS

REVISIONS

NAME	DATE	COMPANY
DRAWN BY		
SEE REVISION 0		
ENGINEER		

U.S. DEPARTMENT OF ENERGY
Office of River Protection

ELECTRICAL PARTIAL PLAN "SY" TANK FARM

SIZE	BLDG NO	INDEX NO	DWG NO	REV
F	241SY 242S	7501 7601	H-2-822500	6
SCALE	SHOWN	EDT	612950	SHEET 1 OF 4

7675

DOE_TB_F.DWG (01-01)

REV 6 | SH 1 OF 4 | H-2-822500 | DWG NO