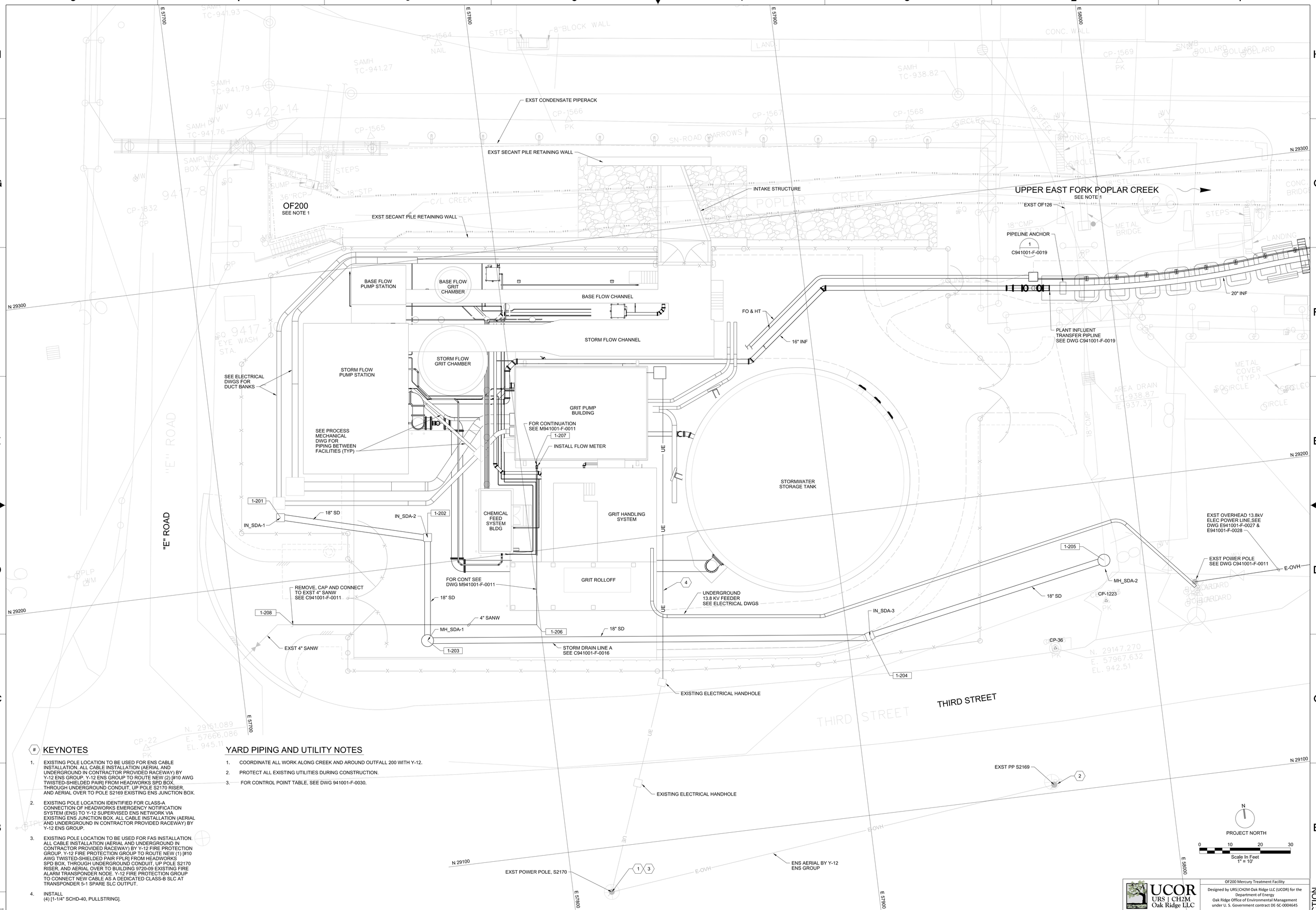

KEYNOTES

1. EXISTING POLE LOCATION TO BE USED FOR ENS CABLE INSTALLATION. ALL CABLE INSTALLATION (AERIAL AND UNDERGROUND IN CONTRACTOR PROVIDED RACEWAY) BY Y-12 ENS GROUP. Y-12 ENS GROUP TO ROUTE NEW (2) [#10 AWG TWISTED-SHIELDED PAIR] FROM HEADWORKS SPD BOX, THROUGH UNDERGROUND CONDUIT, UP POLE S2170 RISER, AND AERIAL OVER TO POLE S2169 EXISTING ENS JUNCTION BOX.
2. EXISTING POLE LOCATION IDENTIFIED FOR CLASS-A CONNECTION OF HEADWORKS EMERGENCY NOTIFICATION SYSTEM (ENS) TO Y-12 SUPERVISED ENS NETWORK VIA EXISTING ENS JUNCTION BOX. ALL CABLE INSTALLATION (AERIAL AND UNDERGROUND IN CONTRACTOR PROVIDED RACEWAY) BY Y-12 ENS GROUP.
3. EXISTING POLE LOCATION TO BE USED FOR FAS INSTALLATION. ALL CABLE INSTALLATION (AERIAL AND UNDERGROUND IN CONTRACTOR PROVIDED RACEWAY) BY Y-12 FIRE PROTECTION GROUP. Y-12 FIRE PROTECTION GROUP TO ROUTE NEW (1) [#10 AWG TWISTED-SHIELDED PAIR FPLR] FROM HEADWORKS SPD BOX, THROUGH UNDERGROUND CONDUIT, UP POLE S2170 RISER, AND AERIAL OVER TO BUILDING 9720-09 EXISTING FIRE ALARM TRANSPONDER NODE. Y-12 FIRE PROTECTION GROUP TO CONNECT NEW CABLE AS A DEDICATED CLASS-B SLC AT TRANSPONDER 5-1 SPARE SLC OUTPUT.
4. INSTALL (4) [1-1/4" SCHD-40, PULLSTRING].

YARD PIPING AND UTILITY NOTES

1. COORDINATE ALL WORK ALONG CREEK AND AROUND OUTFALL 200 WITH Y-12.
2. PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
3. FOR CONTROL POINT TABLE, SEE DWG 941001-F-0030.

THIS DRAWING IS LOANED FOR SOLE USE OF THE INTENDED RECIPIENT AND ONLY FOR THE LIMITED PURPOSES FOR WHICH IT WAS PROVIDED. USE BY OTHER ENTITIES OR FOR OTHER PURPOSES IS PROHIBITED AND AT THE USER'S OWN RISK. DRAWINGS ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING RECIPIENT.

PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE	PE	DATE
	Ø	ISSUED FOR CONSTRUCTION	RT	DP	RT		LE	06/2017		

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

SQUAD CHECK: WE AR CV ST HV EM FP PD EE IE M NP

REV.	DATE

DRAWING APPROVALS

		DATE
DRW	R TOWNSEND	06/16/17
CHKR	D PETERSON	06/16/17
DE	R TOWNSEND	06/16/17
DVR		
DM	L ELLIS	06/16/17
PE	Teresa J. Pierce, P.E.	

RPE

UCOR URS | CH2M Oak Ridge LLC

OF200 Mercury Treatment Facility

Designed by URS|CH2M Oak Ridge LLC (UCOR) for the Department of Energy
Oak Ridge Office of Environmental Management
under U. S. Government contract DE-SC-0004645

Y-12 National Security Complex managed and operated by Consolidated Nuclear Security, LLC for the Department of Energy under U.S. Government contract DE-NA0001942 © Oak Ridge, Tennessee

PROJECT NAME:
OF200 MERCURY TREATMENT FACILITY

CIVIL
HEADWORKS
SITE YARD PIPING AND UTILITY PLAN

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	C	U	X	NC	FAC	AR	E	9410-01	A	U

SH.	OF	TYPE		PART	REV
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ISSUED FOR CONSTRUCTION

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