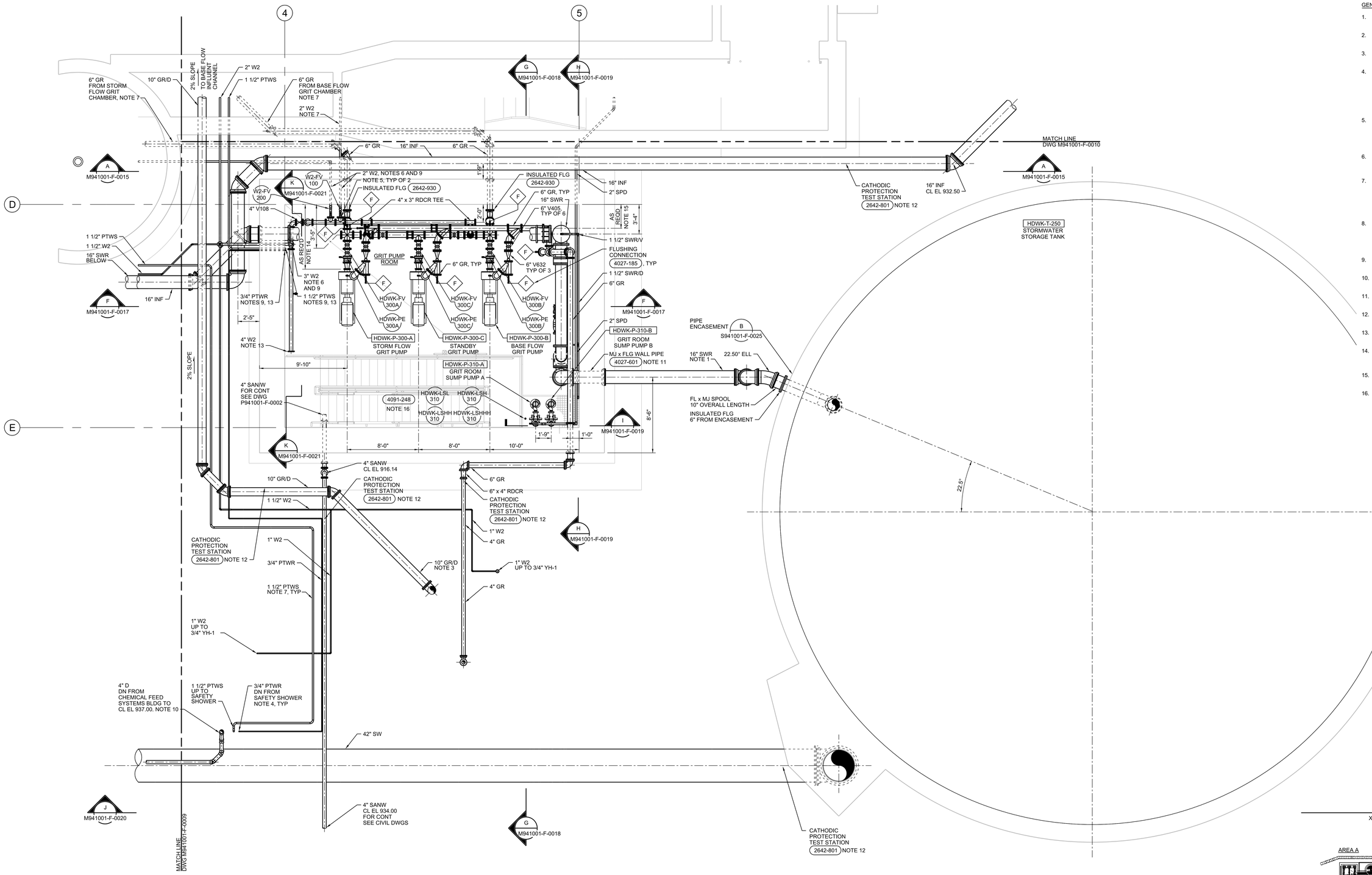
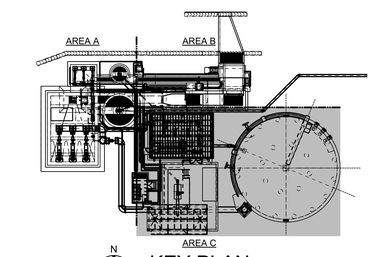


GENERAL NOTES:

1. 16" SW/D, SLOPE UNIFORMLY FROM TANK TO BUILDING AT 2% SLOPE
2. FOR ADDITIONAL TANK DETAILS SEE STRUCTURAL DRAWINGS.
3. SLOPE 10 GR/D UNIFORMLY FROM GRIT HANDLING TO BASE INFLUENT CHANNEL.
4. PROVIDE 1 1/2" x 1 1/4" REDUCER BUSHING AT CONNECTION TO CHEMICAL FEED SYSTEMS BUILDING WITH LOCKABLE 1 1/4" V301 ISOLATION VALVE TO MINIMIZE DEAD LEG. PROVIDE 1 1/2" x 3/4" REDUCER BUSHING ON TEE BRANCH FOR PTWR. ALL PIPING SHALL BE BURIED EXCEPT FOR RISERS TO BUILDING CONNECTION.
5. CONNECT 2" W2 TO 4" W2 USING REDUCING FLANGE, MALE BRONZE TO COPPER TRANSITION FITTING AND DIELECTRIC UNION. CONNECT TO VALVES USING MALE BRONZE TO COPPER TRANSITION FITTINGS.
6. 3" AND SMALLER W2 PIPING IN GRIT PUMP ROOM SHALL BE COPPER, TRANSITION TO HDPE PRIOR TO WALL PENETRATION. 4" W2 SHALL BE CLDI.
7. CONCRETE ENCASE GR AND W2 PIPING BETWEEN GRIT PUMP BUILDING AND GRIT BASINS FOR ENTIRE LENGTH PER 0330-016. AT INTERFACE WITH STRUCTURES, DOWEL ENCASEMENT INTO STRUCTURE IN ACCORDANCE WITH DETAIL.
8. ALL W2 PIPING, PTW, AND PTR PIPING TO AND FROM SAFETY SHOWERS AND TO YARD HYDRANTS SHALL BE PLACED AT MINIMUM COVER OR LOWER AS NECESSARY TO AVOID CONFLICTS WITH OTHER PROCESS PIPING AND ELECTRICAL DUCT BANKS.
9. ALL 3" AND SMALLER NON-METALLIC PIPING WALL PENETRATIONS SHALL BE PER 4027-607.
10. SLOPE 4" D UNIFORMLY FROM ELEVATION SHOWN TO BASE FLOW WET WELL.
11. ALL DUCTILE IRON PIPE WALL PENETRATIONS SHALL BE PER 4027-601.
12. LOCATE CATHODIC PROTECTION POST MOUNTED TEST STATION WITHIN 2'-0" OF STRUCTURE.
13. FOR CONTINUATION OF NOTED PIPING INSIDE OF BUILDING SEE PLUMBING DRAWING P941001-F-0002.
14. PUMP LOCATIONS BASED ON SUCTION HEADER LOCATION AS DIMENSIONED AND PIPING AND VALVE LENGTHS.
15. DISCHARGE HEADER LOCATION BASED ON PUMP LOCATION AND PIPING AND VALVE LENGTHS.
16. ELEMENTS ARE PROVIDED AS PART OF PUMP PACKAGE.



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KEY PLAN

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LOWER PLAN - AREA C BELOW EL 940.00

1/4"=1'-0"

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PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE
	0	ISSUED FOR CONSTRUCTION	LW	QW	SP		LE	06/2017

REVISION OR ISSUE PURPOSE

REVISION APPROVALS: PE, DATE

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

RPE: STEVEN ROBERT COLEMAN, TENNESSEE

REV.	DATE

DRAWING APPROVALS

		DATE
DRW	L WALTER	06/16/17
CHKR	Q WANG	06/16/17
DE	S POLSON	06/16/17
DVR		
DM	L ELLIS	06/16/17
PE	Teresa J. Pierce, P.E.	

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OF200 Mercury Treatment Facility

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PROJECT NAME: OF200 MERCURY TREATMENT FACILITY

PROCESS MECHANICAL HEADWORKS LOWER PLAN AREA C

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	M	X	X	NC	FAC	AR	E	9410-01	2	U

SH.	OF	TYPE		PART	REV
1	1	DD	M941001-F-0011	000	0

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