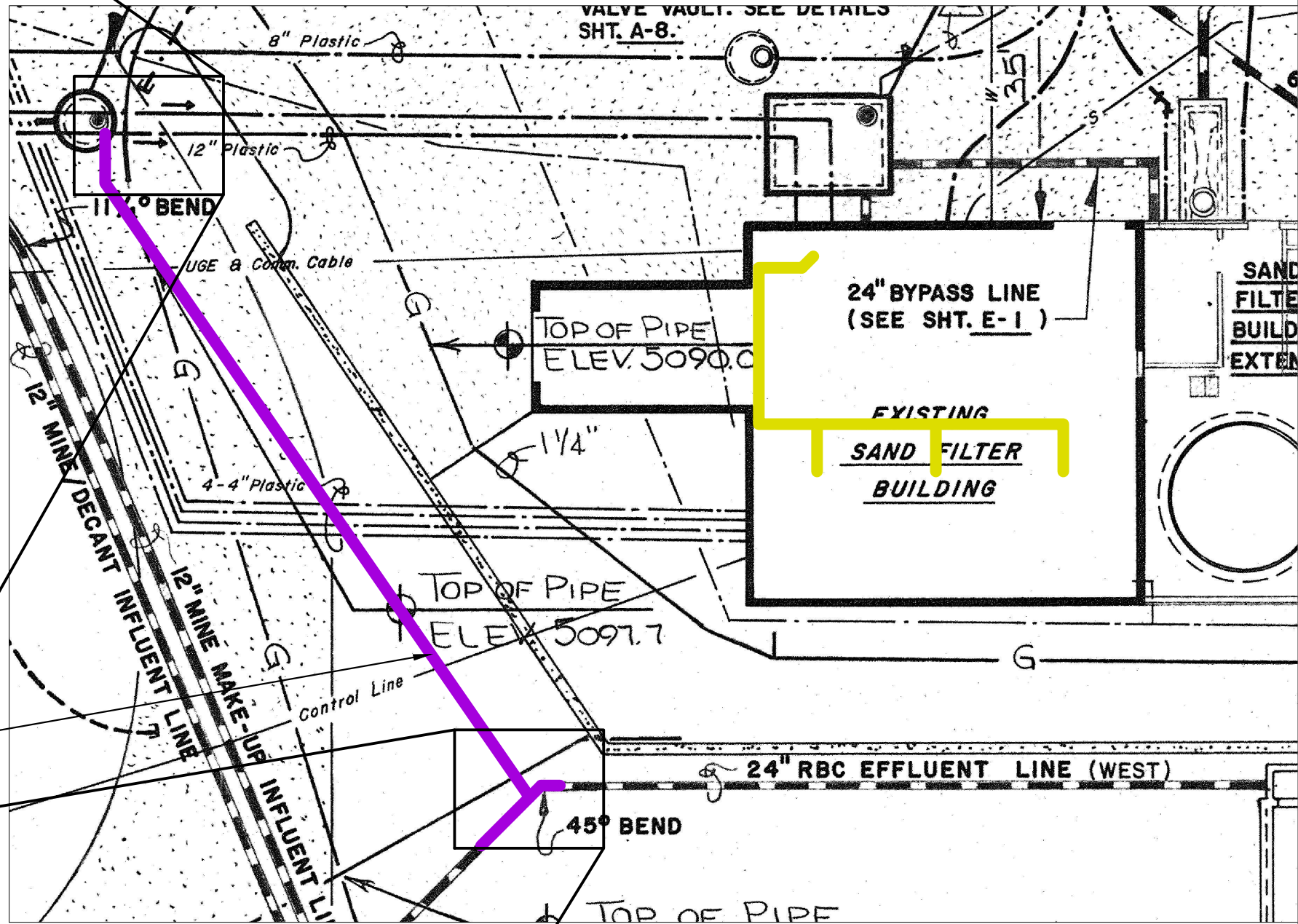
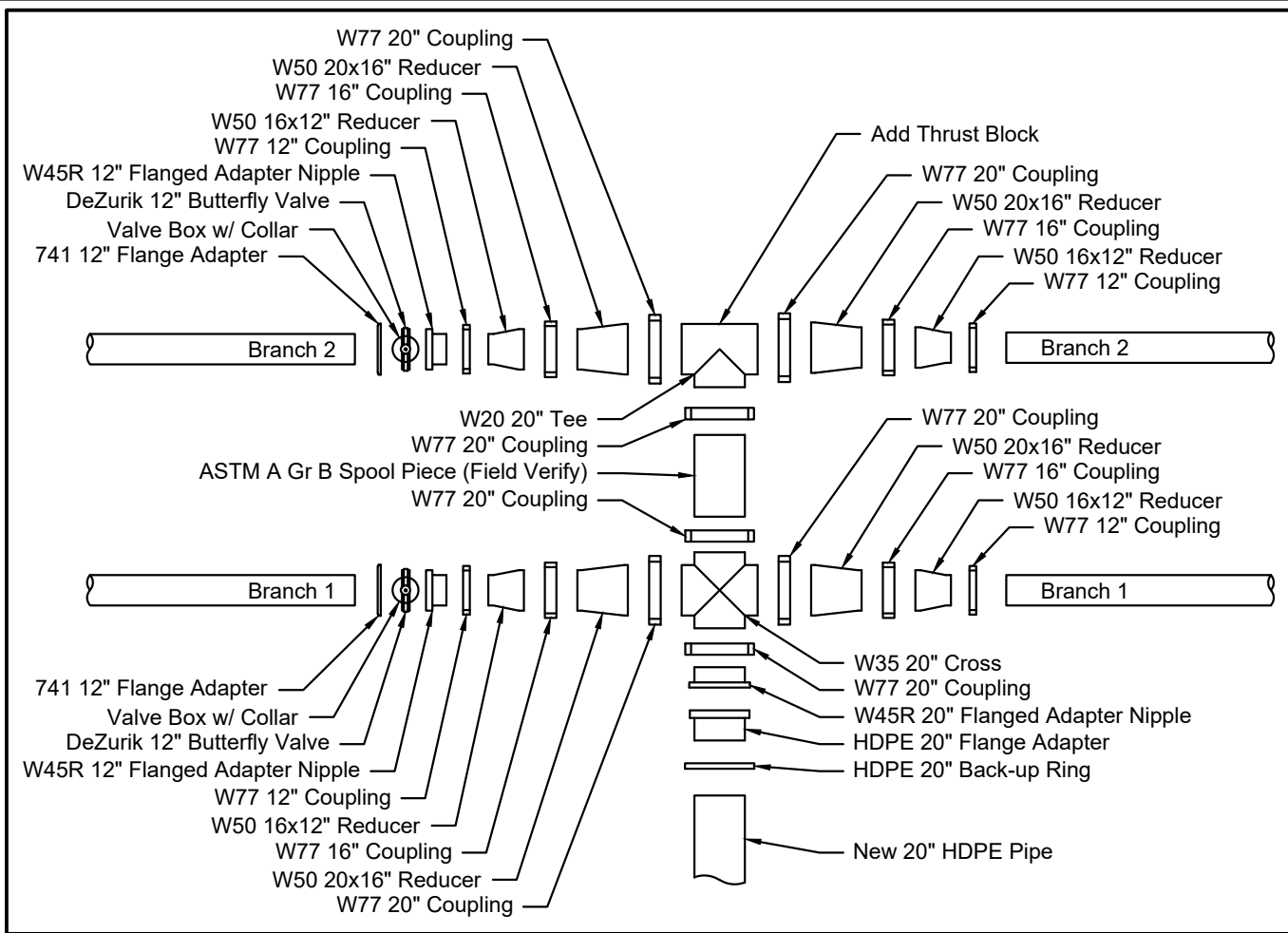
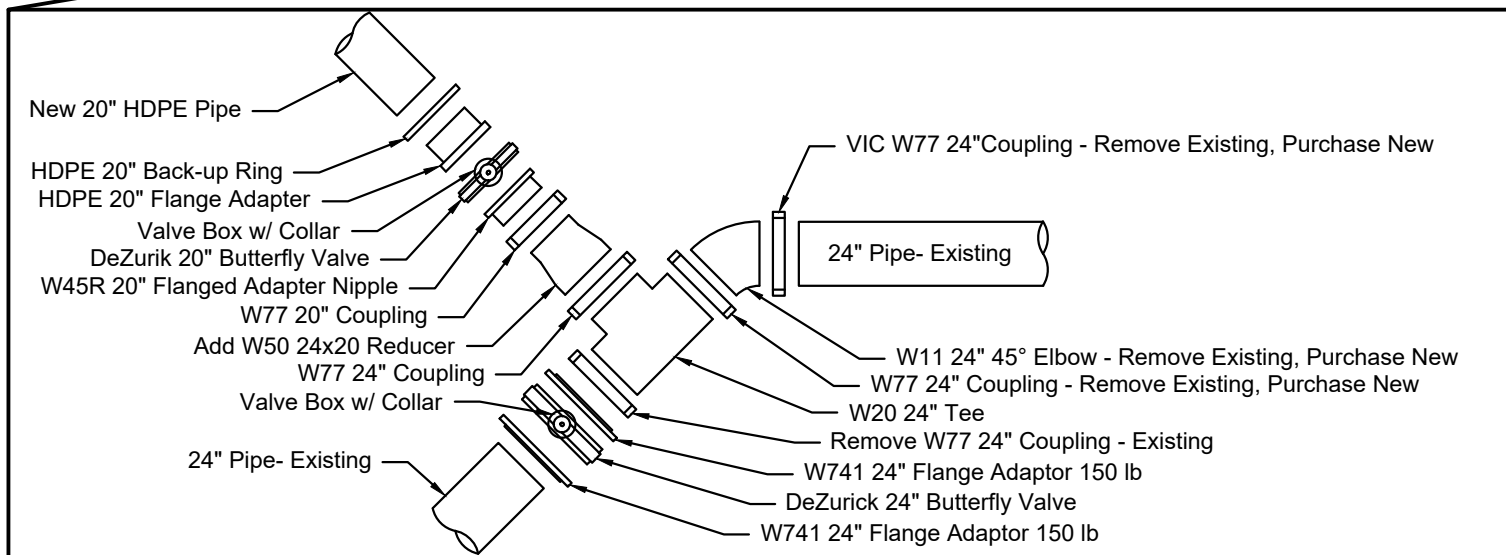




New 20" HDPE Pipe Below Grade



NOTES:

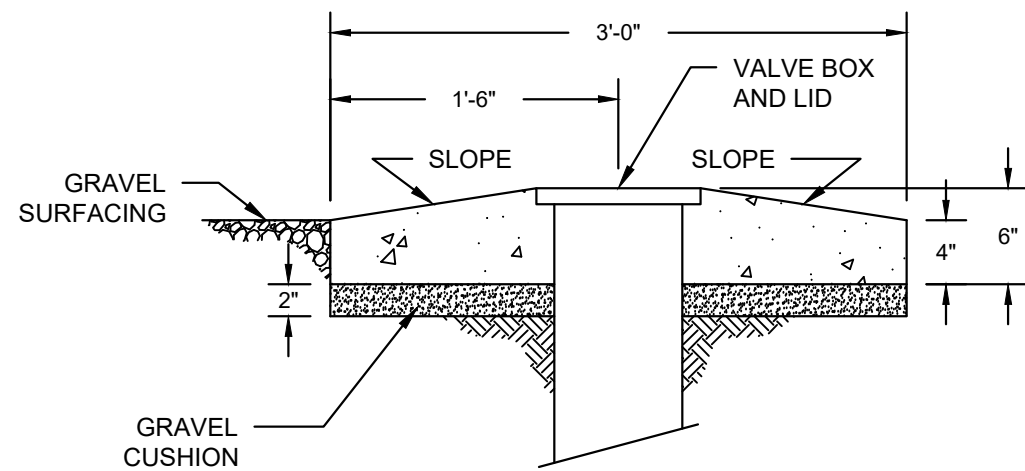
- APPROX. LENGTH OF PIPE: 120' +/- 5'
- NEW PIPE DEPTH TO MATCH DEPTH OF EXISTING BRANCH 1 & BRANCH 2 PIPES
- SEE DWG 12428 FOR SAND FILTER BUILDING PIPE REPLACEMENT DETAILS
- SEE SHEET 2 FOR TRENCH, THRUST BLOCK, AND VALVE BOX COLLAR DETAILS
- PIPE TO BE 20" HDPE, IRON PIPE SIZE, DR17



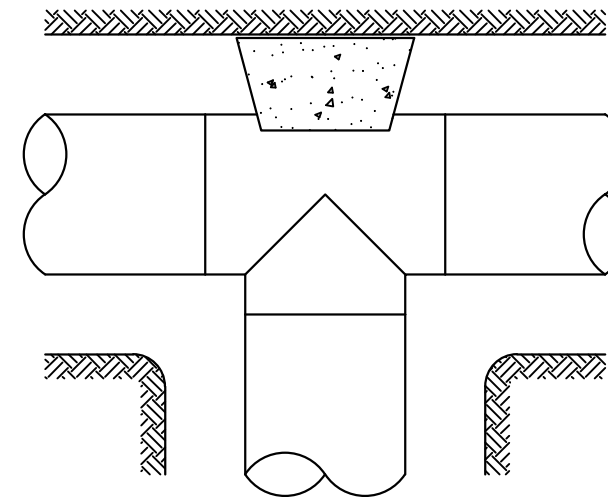
DRAWN BY
KJ
CHECKED BY
AB, PH
DATE
06/30/2021
SCALE
NOT TO SCALE

SHEET NUMBER: 1

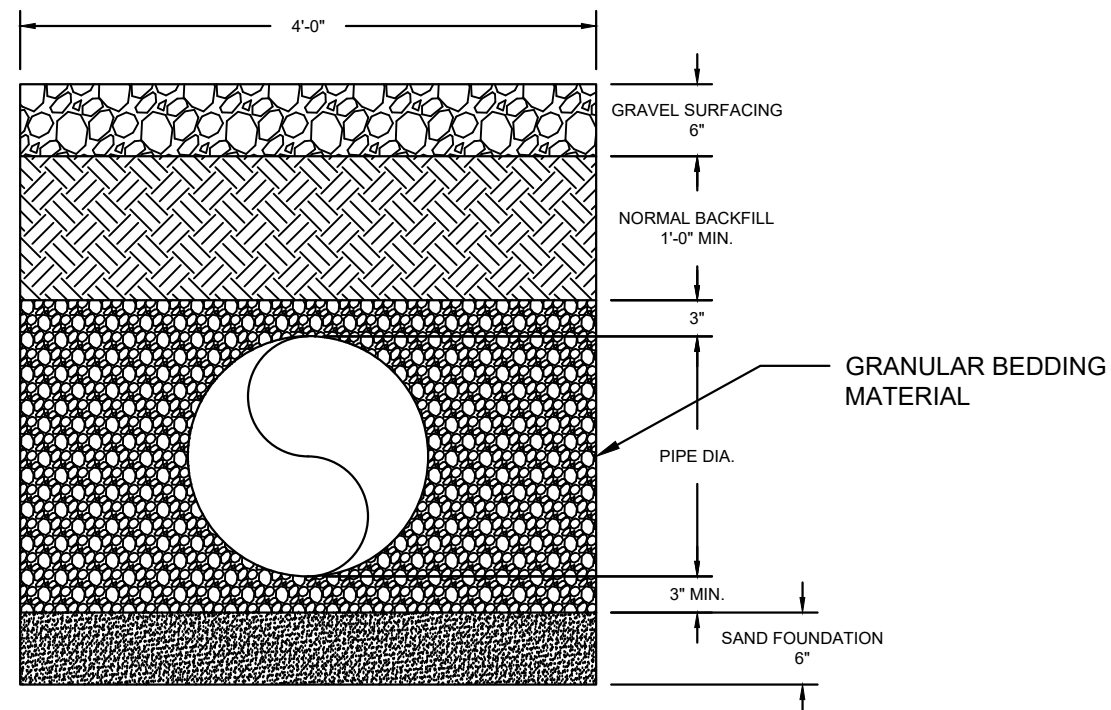
DESCRIPTION:	WASTE WATER TREATMENT PLANT GRAVITY FLOW UPGRADES	0	NEW DRAWING	06/30/2021	KJ
LOCATION:	WASTE WATER TREATMENT PLANT	REV	DESCRIPTION	DATE	BY
TITLE:	12426	REV			0



VALVE BOX COLLAR DETAIL
SCALE: 1"= 1'-0"



TEE THRUST BLOCK DETAIL
SCALE: 1/2"= 1'-0"



TRENCH SECTION
SCALE: 3/4"= 1'-0"

1. PLACE 8 ml POLYETHYLENE BETWEEN CONCRETE AND FITTING
2. ALL THRUST BLOCKING SHALL BE CAST-IN-PLACE CONCRETE HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI
3. THRUST BLOCKING SHALL BE CAST AGAINST UNDISTURBED EARTH. THRUST BLOCK ORIENTATION SHALL BE SUCH THAT THE CENTER OF THE FITTING CORRESPONDS WITH THE CENTER OF THE THRUST BLOCK
4. THE HORIZONTAL DIMENSION OF THE BEARING AREA SHALL BE BETWEEN 0.8 AND 1.25 TIMES THE VERTICAL DIMENSION
5. MINIMUM BEARING AREA TO BE 20 SQ. FT.
6. MINIMUM VOLUME OF CONCRETE TO BE 1 CU. YD.

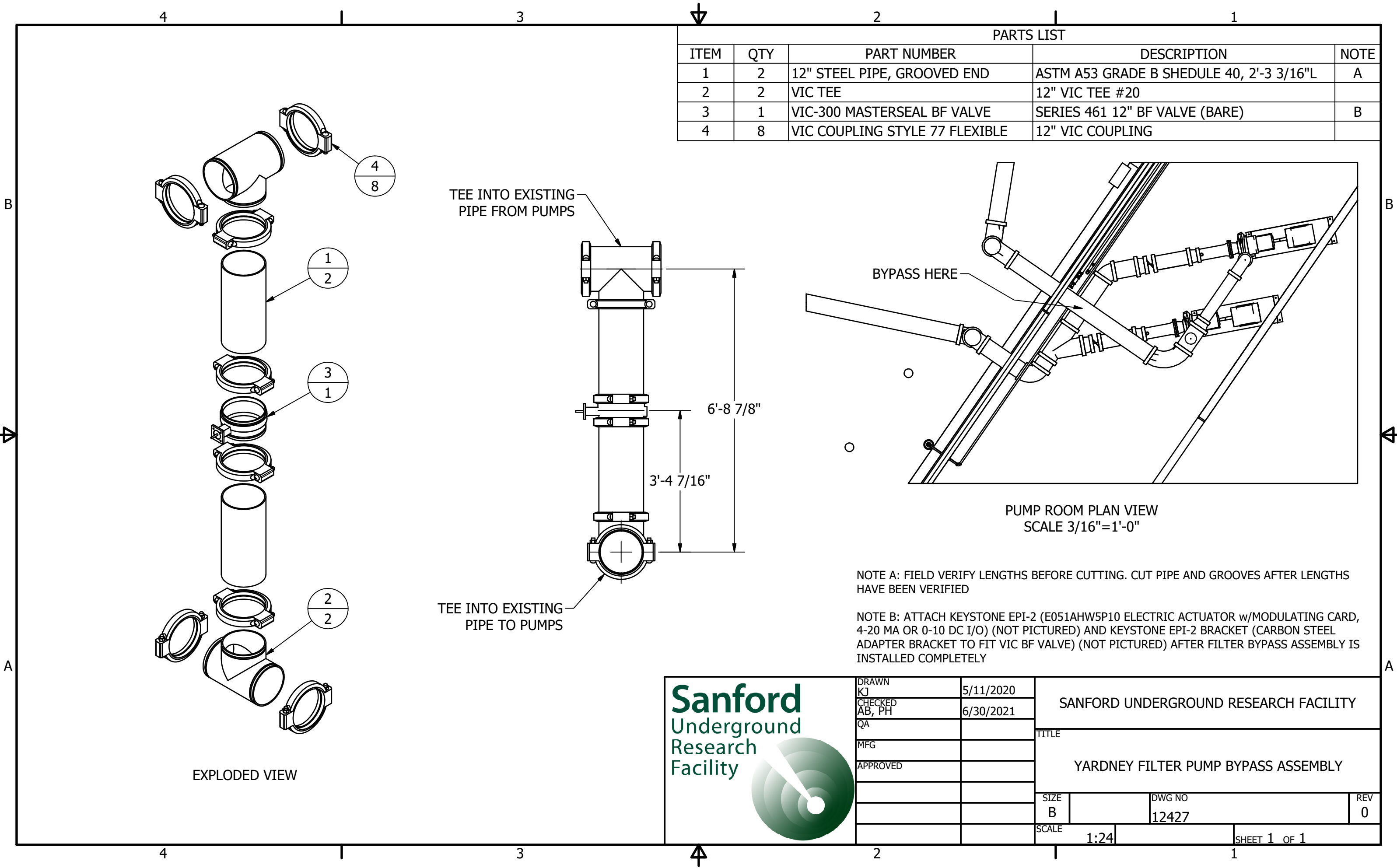
SHEET NUMBER: 2

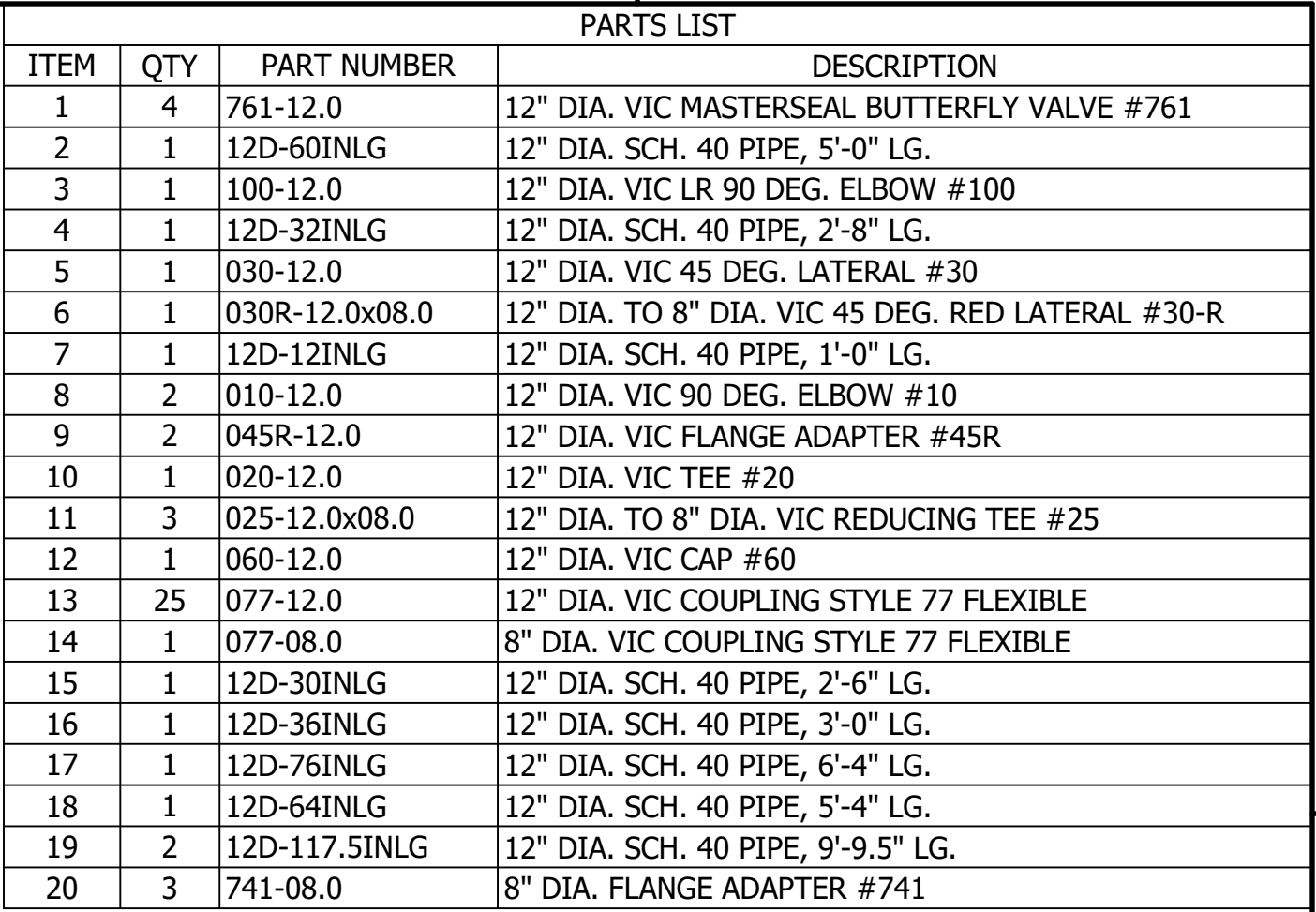
0	NEW DRAWING	06/30/2021	KJ
REV	DESCRIPTION	DATE	BY



DRAWN BY KJ
CHECKED BY AB, PH
DATE 06/30/2021
SCALE NOT TO SCALE

DESCRIPTION:	WASTE WATER TREATMENT PLANT GRAVITY FLOW UPGRADES
LOCATION:	WASTE WATER TREATMENT PLANT
TITLE:	12426
REV	0





ALL PIPE TO BE A53 GRADE B, 12" DIAMETER, SCHEDULE 40, CUT GROOVE ENDS

	DRAWN	KJ	6/30/2021	SANFORD UNDERGROUND RESEARCH FACILITY		
	CHECKED	AB, PH	6/30/2021	TITLE		
	QA			SAND FILTER BUILDING PIPE REPLACEMENT		
	MFG					
	APPROVED					
				SIZE	DWG NO	REV
				D	12428	0
				SCALE	1:16	SHEET 1 OF 1