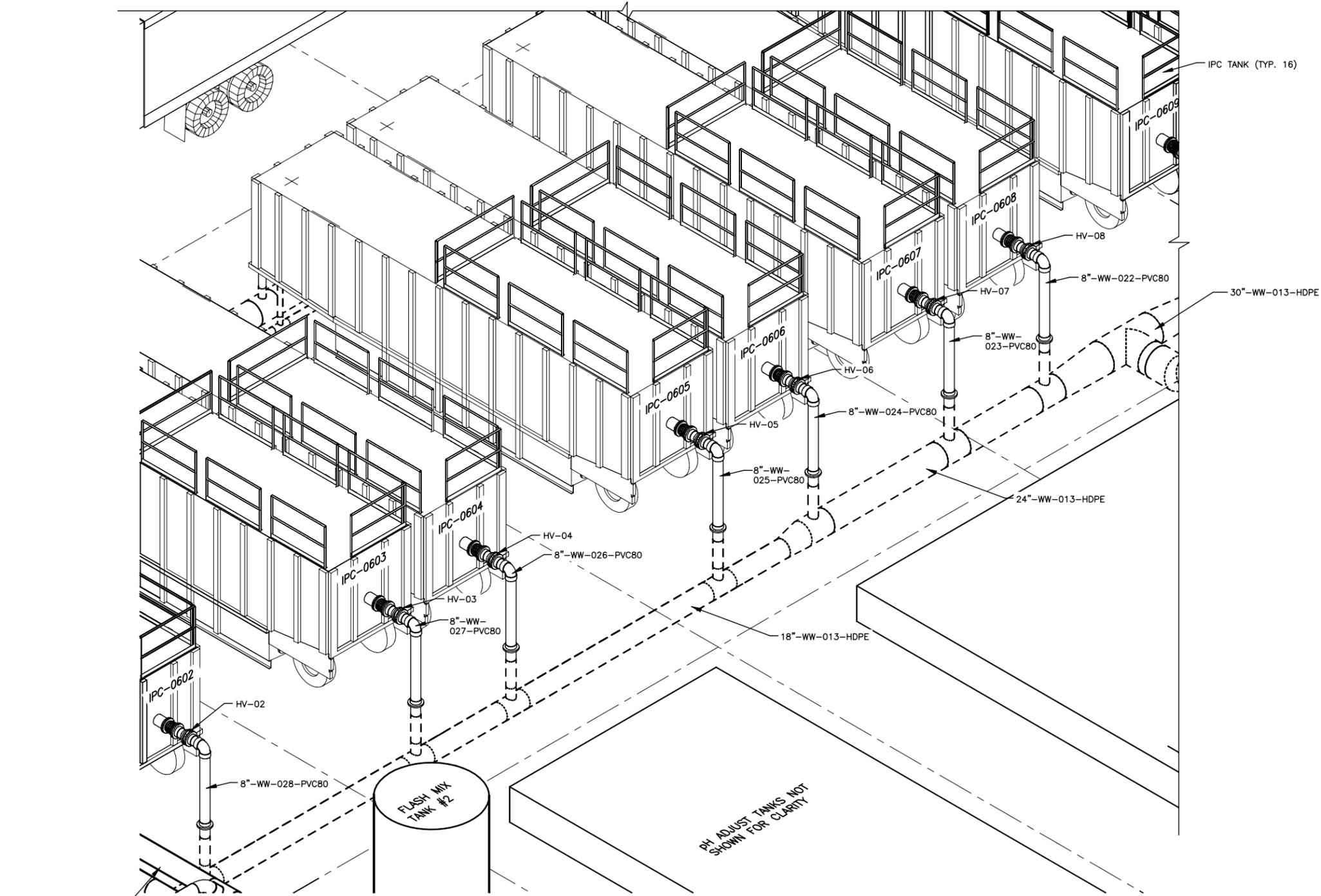


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18"-WW-DISCHARGE
HEADER-HDPE

FLASH MIX
TANK #2

PH ADJUST TANKS NOT
SHOWN FOR CLARITY

IPC's ISOMETRIC
NOT TO SCALE

B
M-1

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A	4/09/10	DP #2 DRAFT FOR HONEYWELL REVIEW	
NO.	DATE	REVISION	INIT.

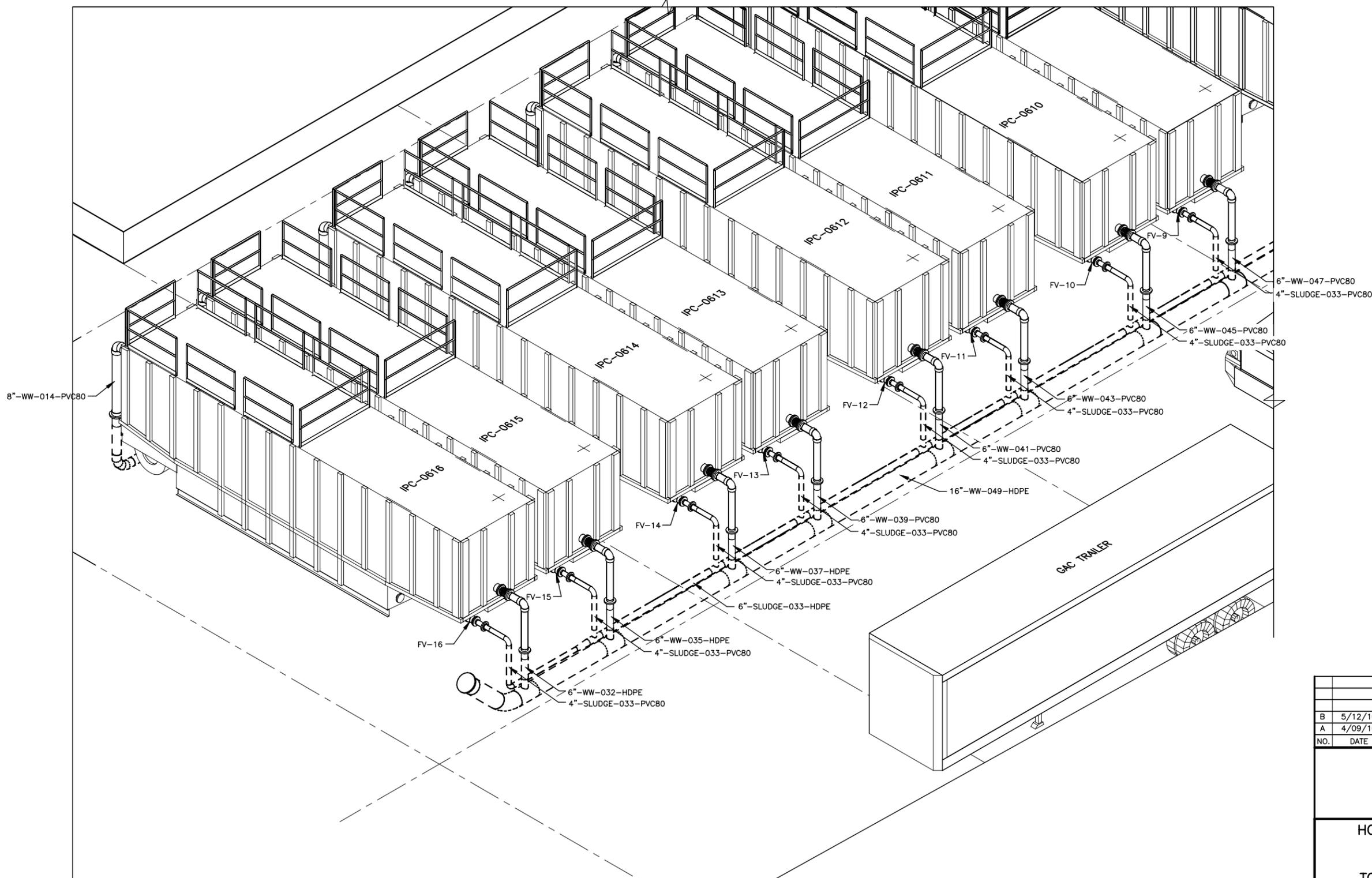
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DP #2
WATER TREATMENT PLANT
TOWN OF CAMILLUS, NEW YORK

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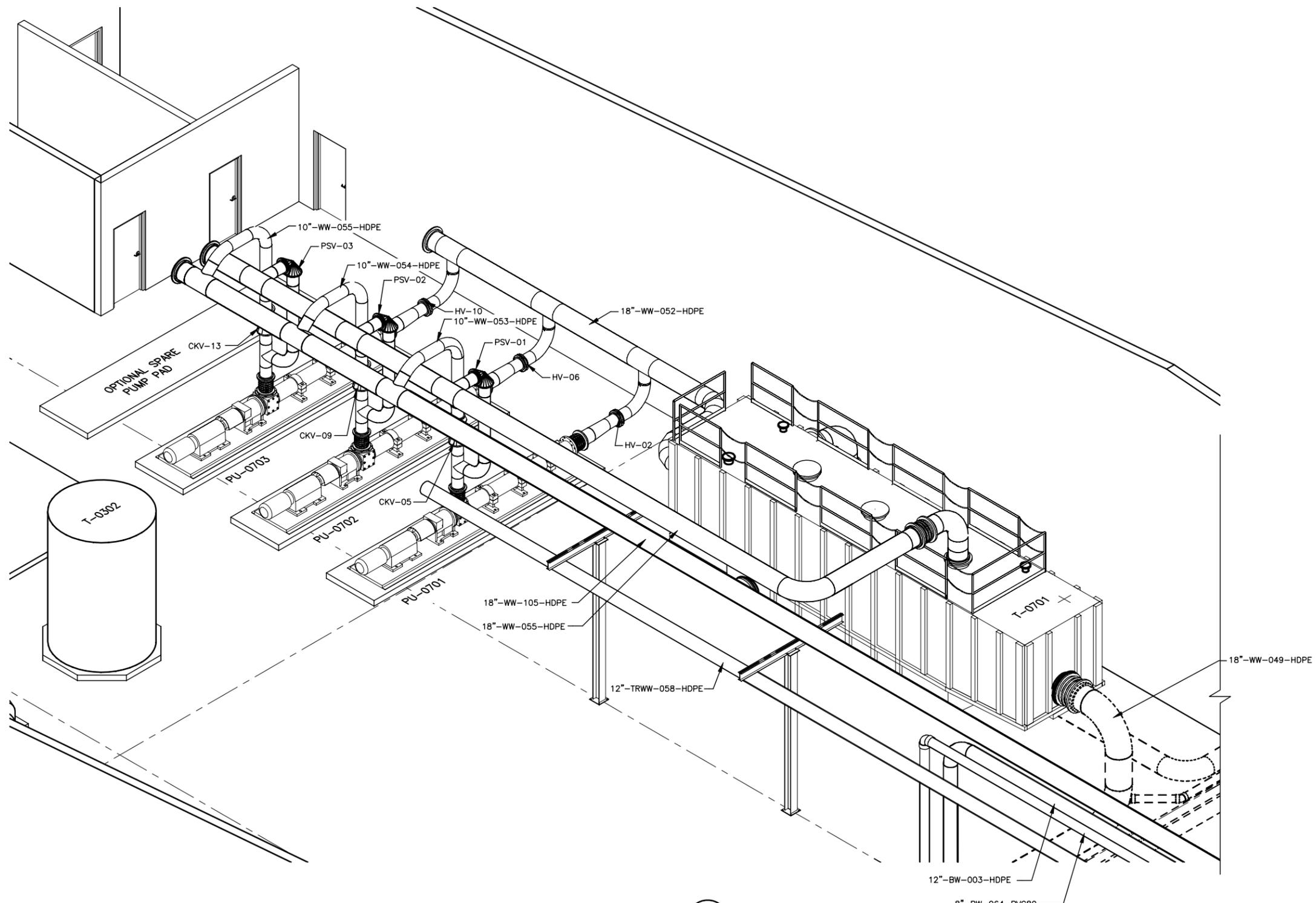
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FILTER FEED ISOMETRIC D
NOT TO SCALE M-1

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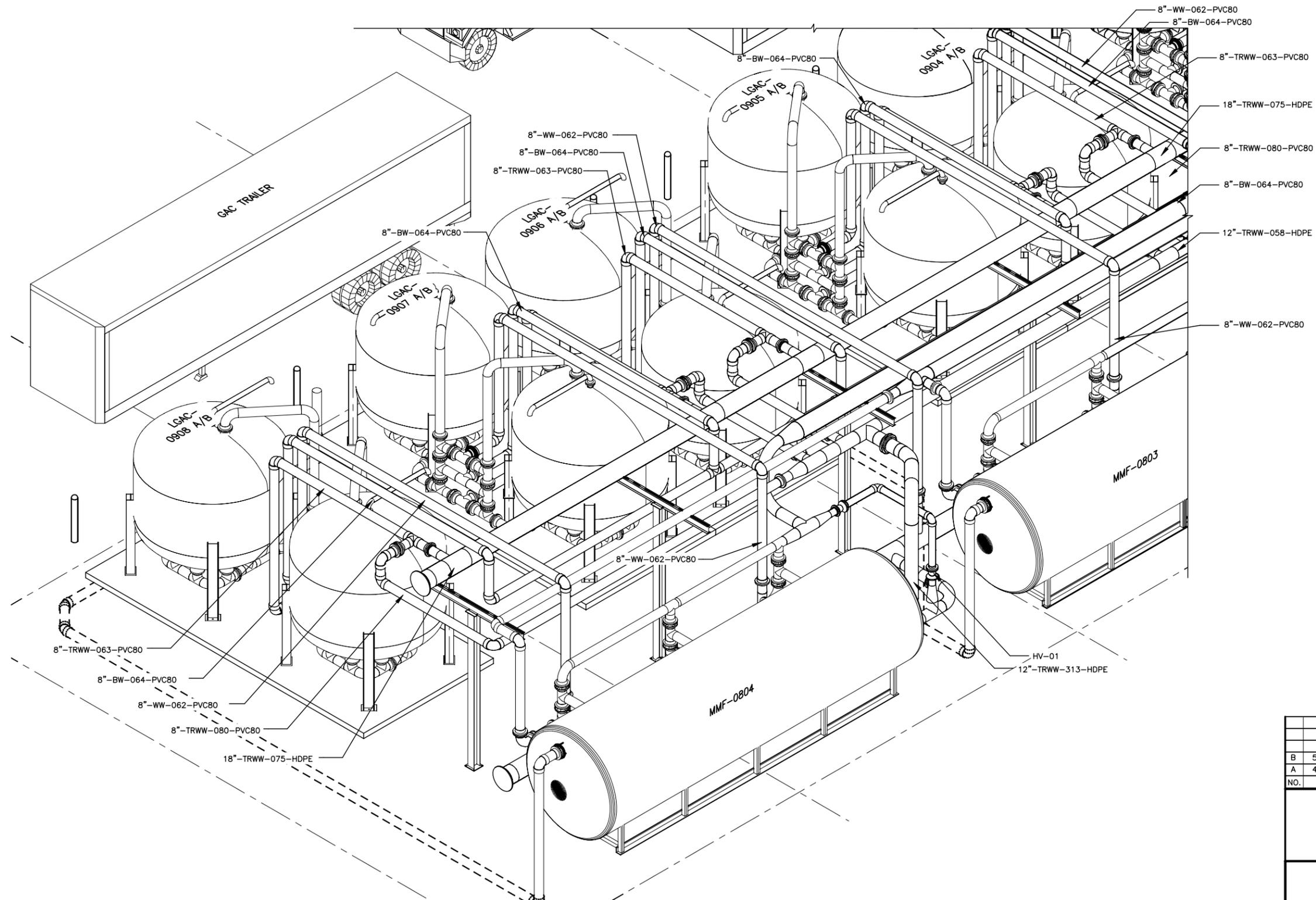
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MECHANICAL

FILTER FEED ISOMETRIC

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DESIGNED BY GBE CHECKED BY PDS	DATE	
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LGAC ISOMETRIC E
NOT TO SCALE M-1

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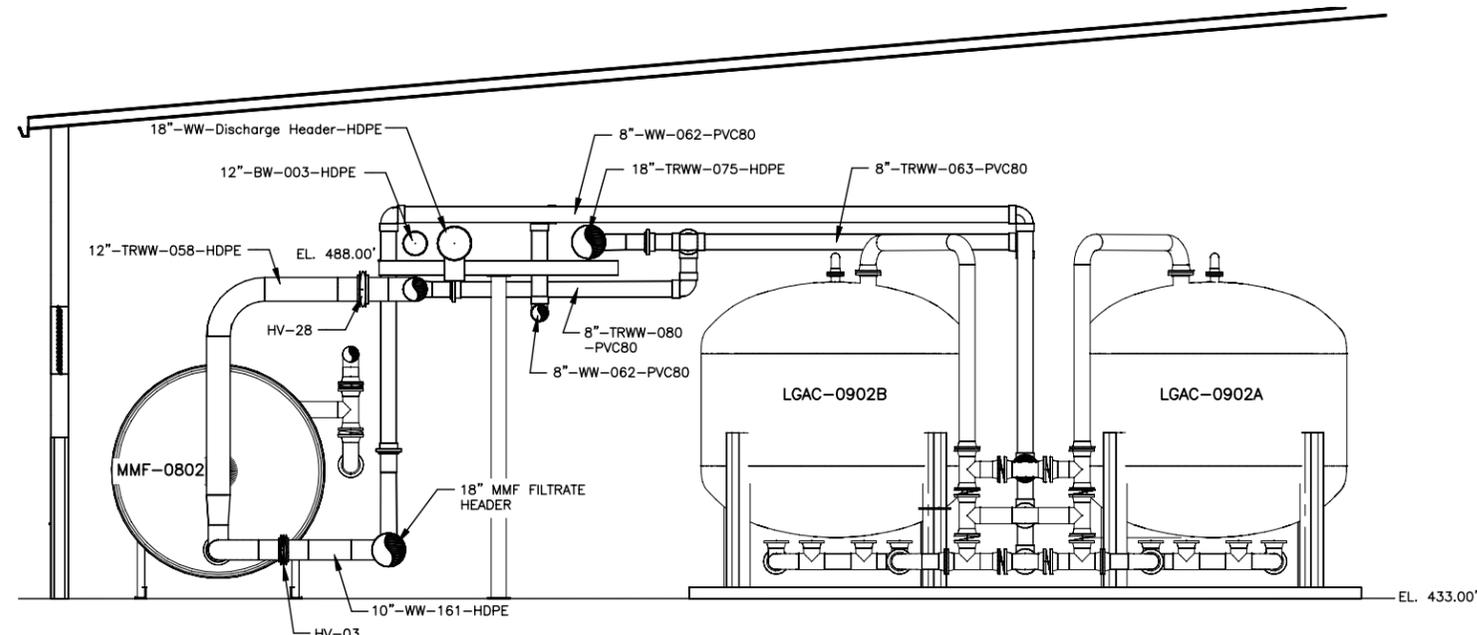
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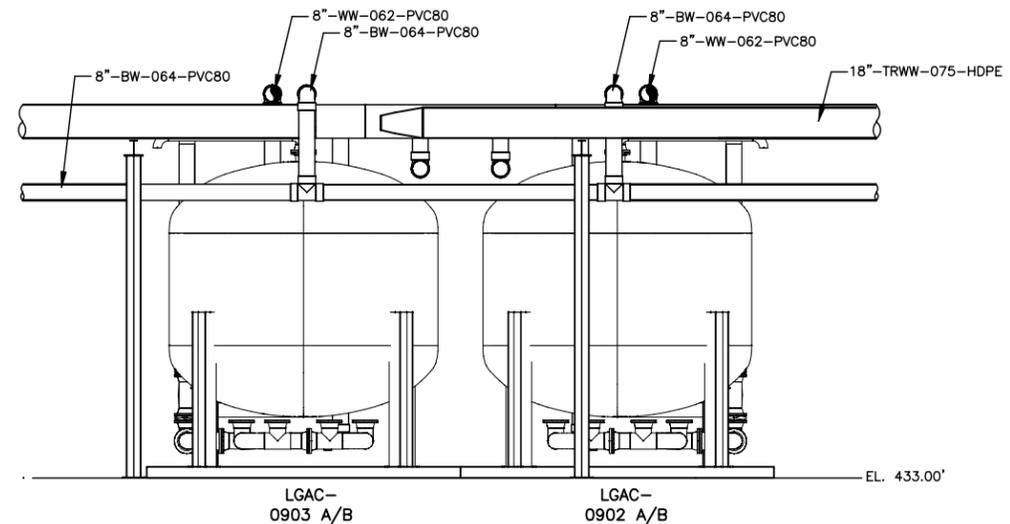
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DESIGNED BY GBE CHECKED BY PDS	DATE	
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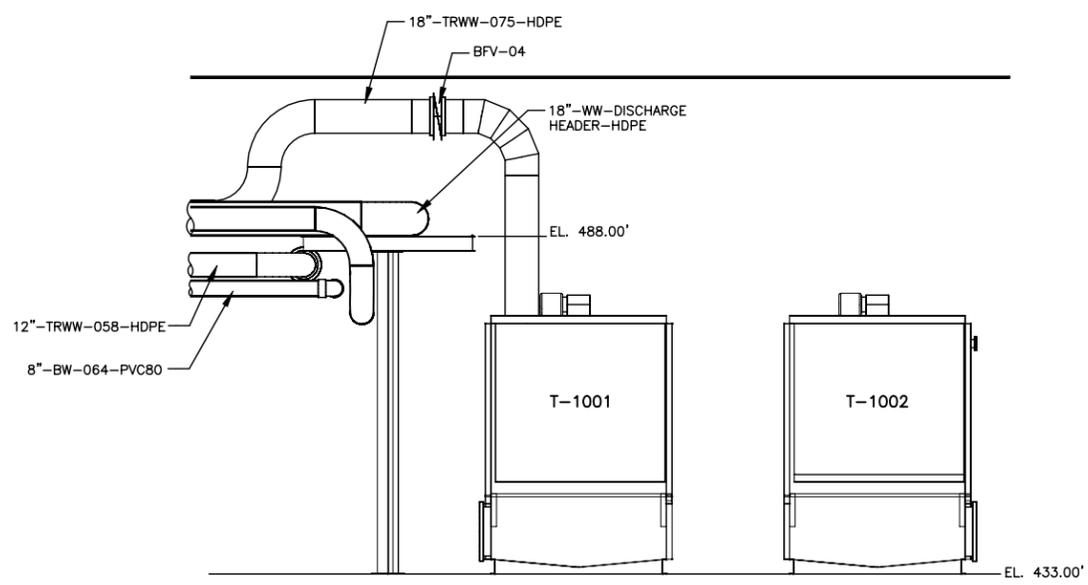
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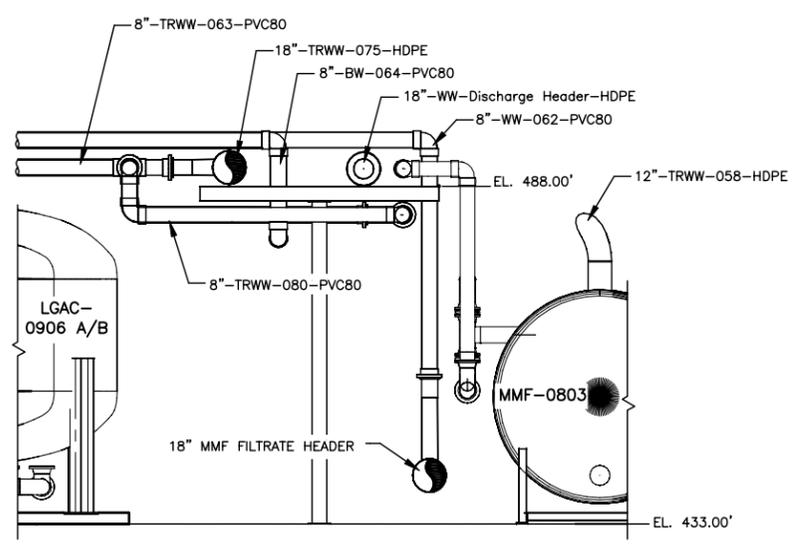
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M-1



SECTION 2
SCALE: 1/4"=1'-0"
M-1



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



SECTION 4
SCALE: 1/4"=1'-0"
M-1



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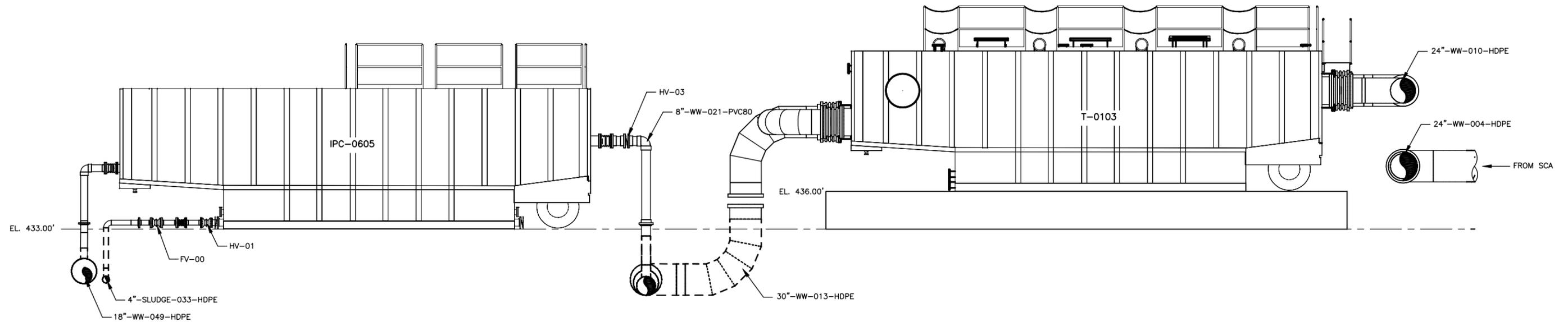
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TOWN OF CAMILLUS, NEW YORK

MECHANICAL
SECTIONS

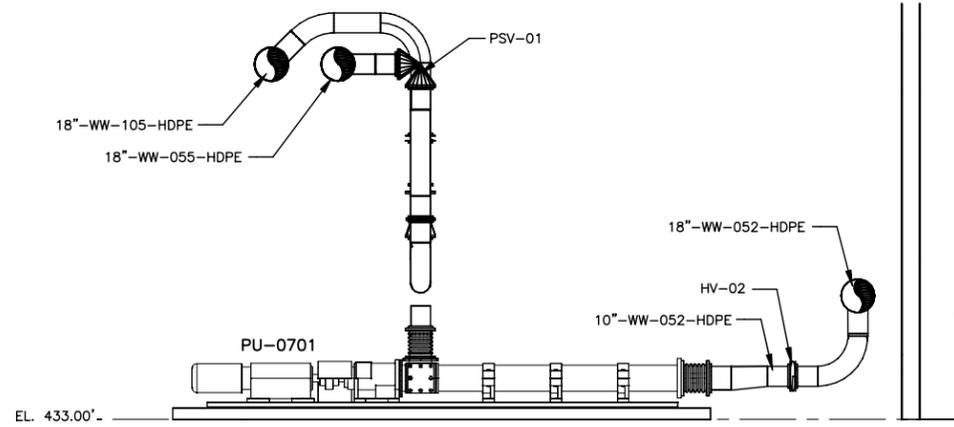
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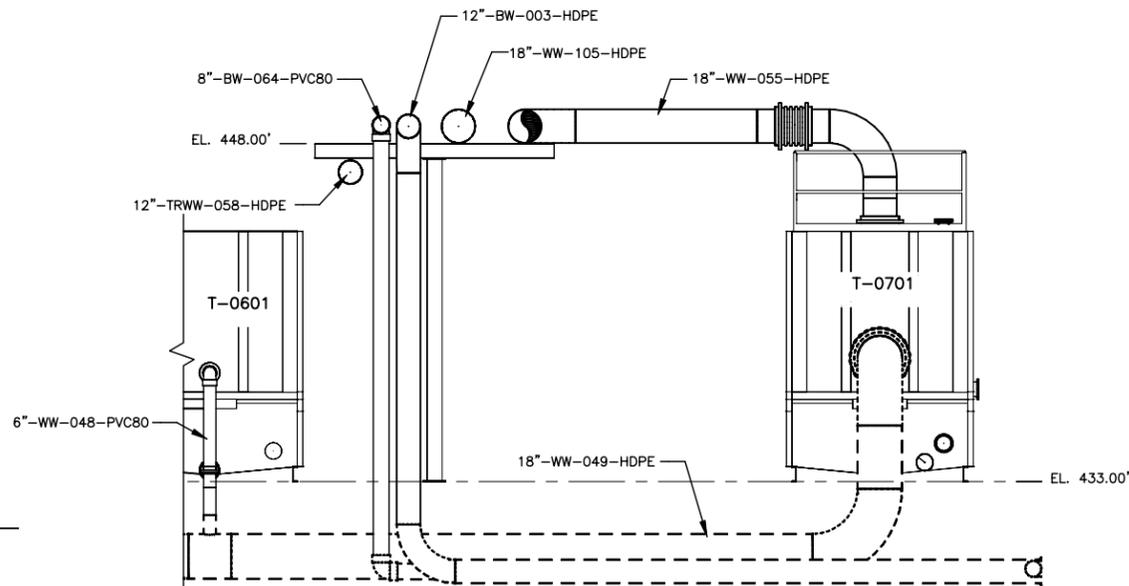
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SECTION 5
SCALE: 1/4"=1'-0" M-1



SECTION 6
SCALE: 1/4"=1'-0" M-1



SECTION 7
SCALE: 1/4"=1'-0" M-1

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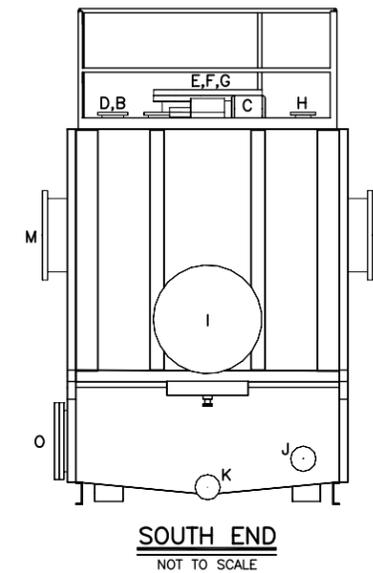
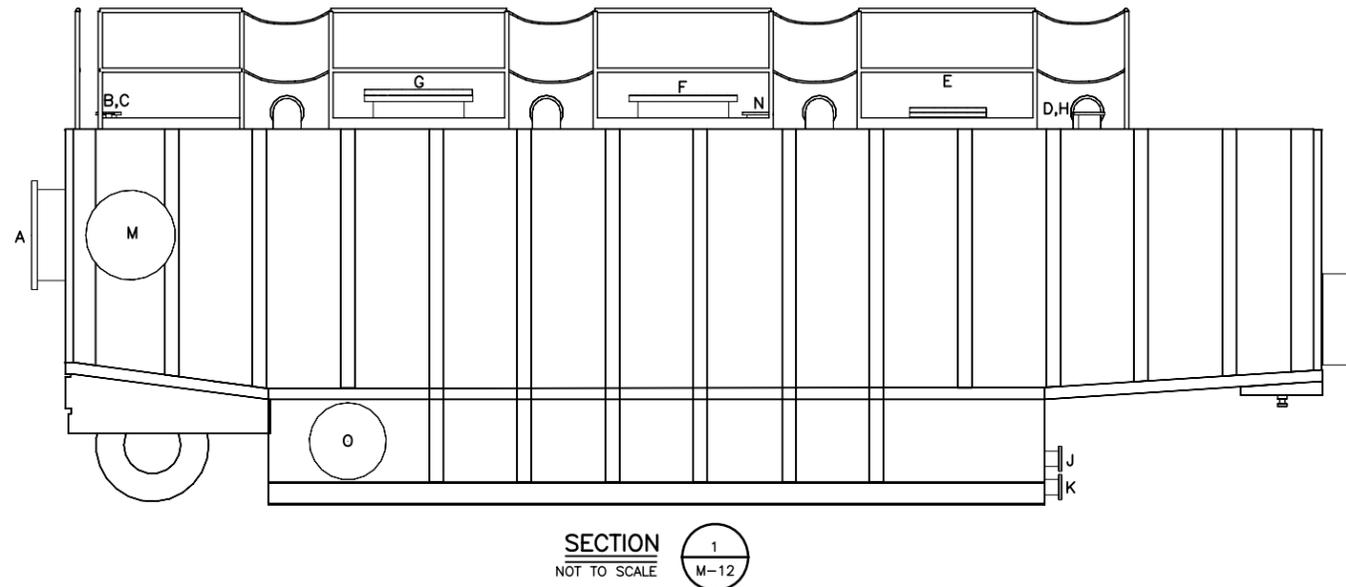
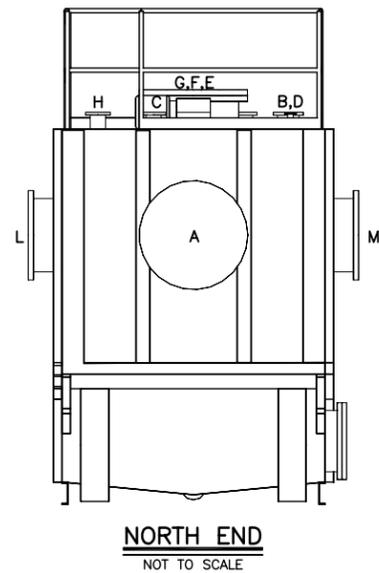
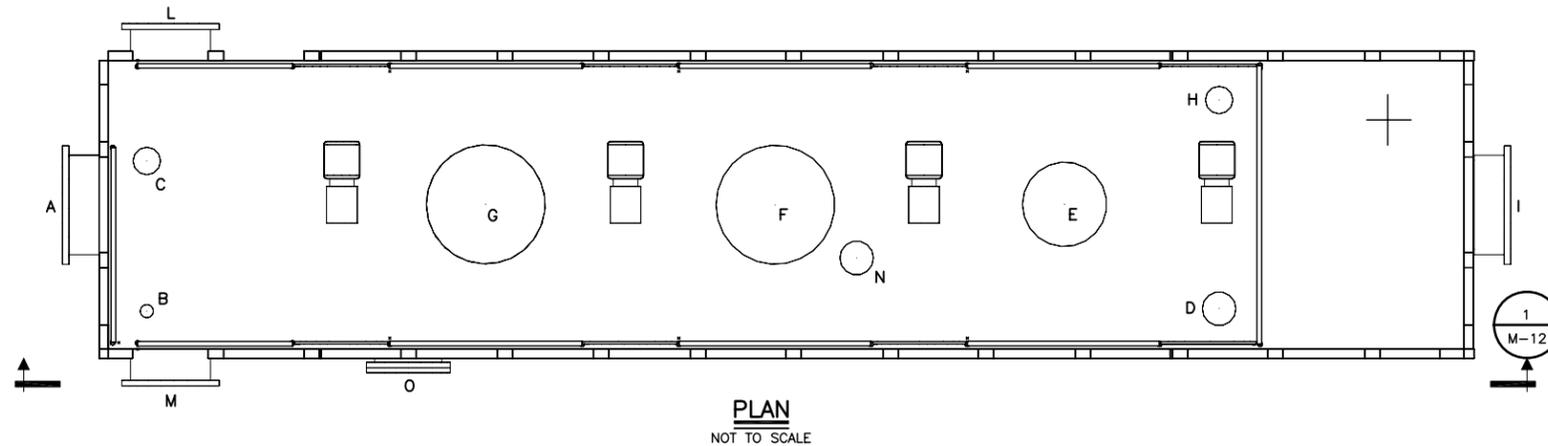
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M-11



NOTES:

1. TANK MANUFACTURER TO INSTALL NOZZLE AS LOW AS POSSIBLE ON TANK SIDEWALL LEAVING ADEQUATE CLEARANCE FOR NOZZLE FLANGE.
2. ALL NOZZLES TO EXTEND 6" FROM TANK TOP/WALL TO FACE OF FLANGE.
3. REFER TO "DOWNCOMER DETAIL" SHEET M-19.
4. DOWNCOMERS SHALL EXTEND DOWN TO 2'-0" ABOVE TANK FLOOR. TANK MANUFACTURER TO SUPPORT DOWNCOMER FROM TANK WALL AND/OR FLOOR TO ENSURE STRUCTURAL INTEGRITY OF DOWNCOMER IN AGITATED TANK.
5. NOZZLES "C", "D", "E", AND "G" SHALL BE PROVIDED WITH GASKETS AND BLIND FLANGES PROVIDED BY TANK MANUFACTURER.
6. ALL NOZZLE ELEVATIONS ARE FROM TANK BOTTOM TO CENTERLINE OF NOZZLE, UNLESS OTHERWISE NOTED.
7. TANK TOP HANDRAIL AND TIE-OFF POINTS NOT SHOWN FOR CLARITY.
8. BOLT HOLES FOR EACH NOZZLE FLANGE SHALL STRADDLE THE NOZZLE CENTERLINE.
9. 24" SIDE NOZZLES ARE AN OPTION (NOZZLES L & M), AND MAY OR MAY NOT BE INSTALLED. PRICING FOR NOZZLES L & M SHALL BE PROVIDED AS A SEPARATE LINE ITEM (SEE BID TABS).

NOZZLE	CONNECTION	DESCRIPTION	DOWNCOMER SEE NOTE 3	DIAMETER	ORIENTATION	CENTERLINE HIGHT	TYPE
A	30"-WW-010-HDPE	FROM pH ADJUSTMENT TANKS #4 & #8	N	30"	NORTH END	TBD	FL
B	1"-COAG-102-PE-HCET	FROM CF-1401	Y	1"	TOP	T.O.T.	FL
C	SPARE	SPARE	N	4"	TOP	T.O.T.	FL
D	SPARE	SPARE	N	6"	TOP	T.O.T.	FL
E	VIEW PORT	VIEW PORT	N	20"	TOP	T.O.T.	FL
F	30"-VENT	TO VENT HEADER	N	30"	TOP	T.O.T.	FL
G	MANWAY/OVERFLOW	MANWAY	N	30"	TOP	T.O.T.	FL
H	4"-LSHH	HIGH LEVEL	N	4"	TOP	T.O.T.	FL
I	30"-WW-013-HDPE	TO DISTRIBUTION HEADER	N	30"	SOUTH END	TBD	FL
J	4"-LSLL	LOW LEVEL	N	4"	SOUTH END	TBD	FL
K	4"-DRAIN	DRAIN	N	4"	SOUTH END	NOTE 1	FL
L	24" (SEE NOTE 9)	SIDE INFLUENT (OPTION)	N	24"	EAST SIDE	TBD	FL
M	24" (SEE NOTE 9)	SIDE EFFLUENT (OPTION)	N	24"	WEST SIDE	TBD	FL
N	6"-LIT	LEVEL INDICATOR	N	6"	TOP	T.O.T.	FL
O	MANWAY	SIDE MANWAY	N	20"	SIDE	TBD	FL

TOT = TOP OF TANK
 FL = EXTERIOR FLANGE PROVIDED
 FLxFL = EXTERIOR FLANGE AND INTERIOR FLANGE PROVIDED

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WATER TREATMENT PLANT
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MECHANICAL
FLASH MIX TANK #1
NOZZLE SCHEDULE

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