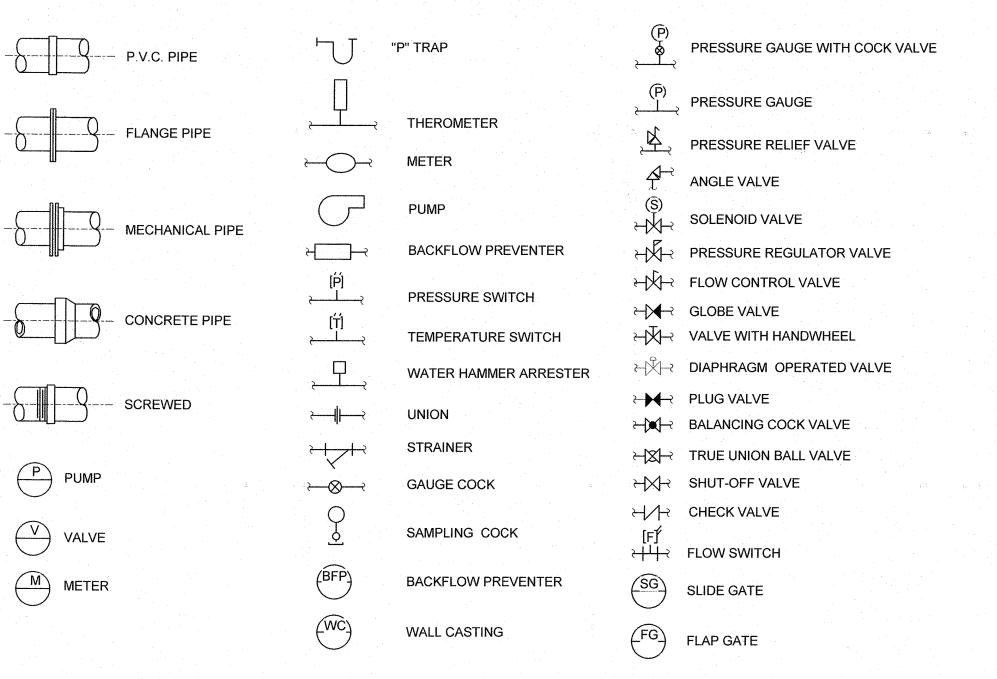
LEGEND AND SYMBOLS



ABBREVIATIONS

	FOOT
H	INCH
€.	CENTERLINE
•	DEGREE
BF	BLIND FLANGE
CON.	CONCENTRIC
CW	CITY WATER
DN	DOWN
DWG	DRAWING
ECC.	ECCENTRIC
ECC.	
	ELEVATION FOLIALIZING
EQ.	EQUAL / EQUALIZING
EXIST.	EXISTING
FL.	FLOOR
FLGD	FLANGED
FTG	FOOTING
LR	LONG RADIUS
RED.	REDUCED / REDUCING
SPD	SUMP PUMP DISCHARGE
SS	SANITARY SEWER
TYP	TYPICAL
W/	WITH
WW	WASTEWATER
WWD	WASTEWATER DISCHARGE
wws	WASTEWATER SUCTION

GENERAL NOTES:

- 1. ALL ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1988 (NAVD88).
- 2. ALL ELEVATIONS ARE TO BE FIELD VERIFIED PRIOR TO FURNISHING EQUIPMENT.
- 3. ALL DIMENSIONS INDICATED ARE TO BE FIELD VERIFIED EITHER BY FIELD MEASUREMENTS FOR EXISTING STRUCTURES AND UTILITIES OR BY SHOP DRAWINGS FOR EQUIPMENT FURNISHED.
- 4. IF A CONFLICT IS FOUND BETWEEN DIFFERENT PORTIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. CONTINUED CONSTRUCTION OF THE AREAS IN CONFLICT SHALL BE AT THE CONTRACTOR'S OWN RISK UNTIL THE CONFLICT IS RESOLVED BY THE OWNER.
- 5. WHERE CONNECTIONS TO OR MODIFICATIONS OF EXISTING PIPING ARE SHOWN, EXISTING PIPING IS ASSUMED TO BE IN GOOD CONDITION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONNECTIONS AND REPORT UNSOUND CONDITIONS TO THE ENGINEER.
- 6. PIPE SUPPORTS NOT SHOWN FOR CLARITY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL PIPE SUPPORTS AS REQUIRED TO ADEQUATELY SUPPORT PIPES PER SPECIFICATIONS AND STANDARDS.
- 7. SYMBOLS ARE SHOWN FOR GENERAL REFERENCE ONLY, THE PRESENCE OF A SYMBOL ON THE LEGEND DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC SYMBOLS USED.
- 8. ABBREVIATIONS ARE LISTED FOR GENERAL REFERENCE ONLY, THE PRESENCE OF AN ABBREVIATION ON THE LIST DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC SYMBOLS USED.

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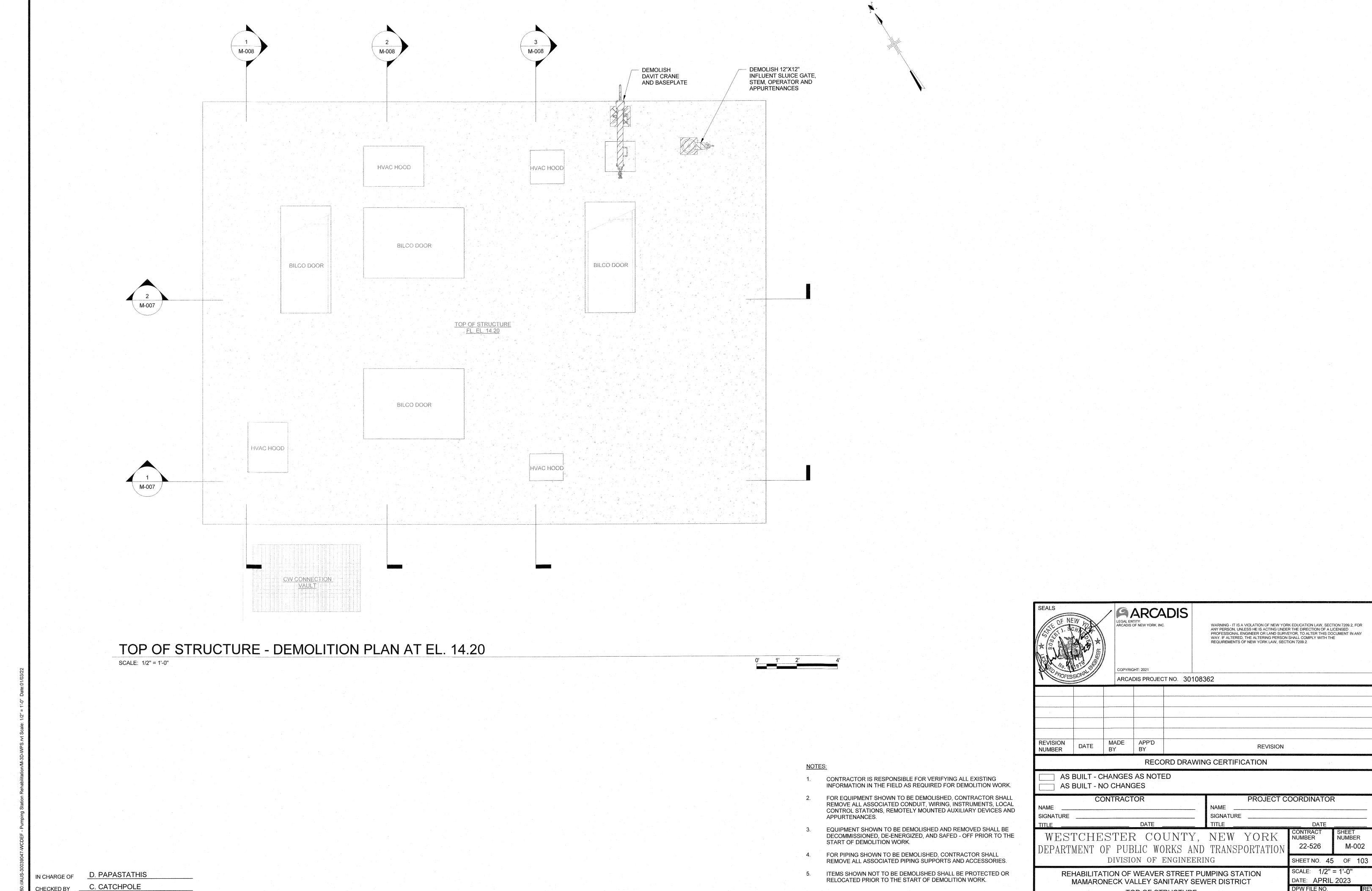
AND ABBREVIATIONS

-30039047-WCDEF - Pumping Station Rehabilitation/M-3D-WPS.rvt Scale.As indic

IN CHARGE OF D. PAPASTATHIS

CHECKED BY C. CATCHPOLE

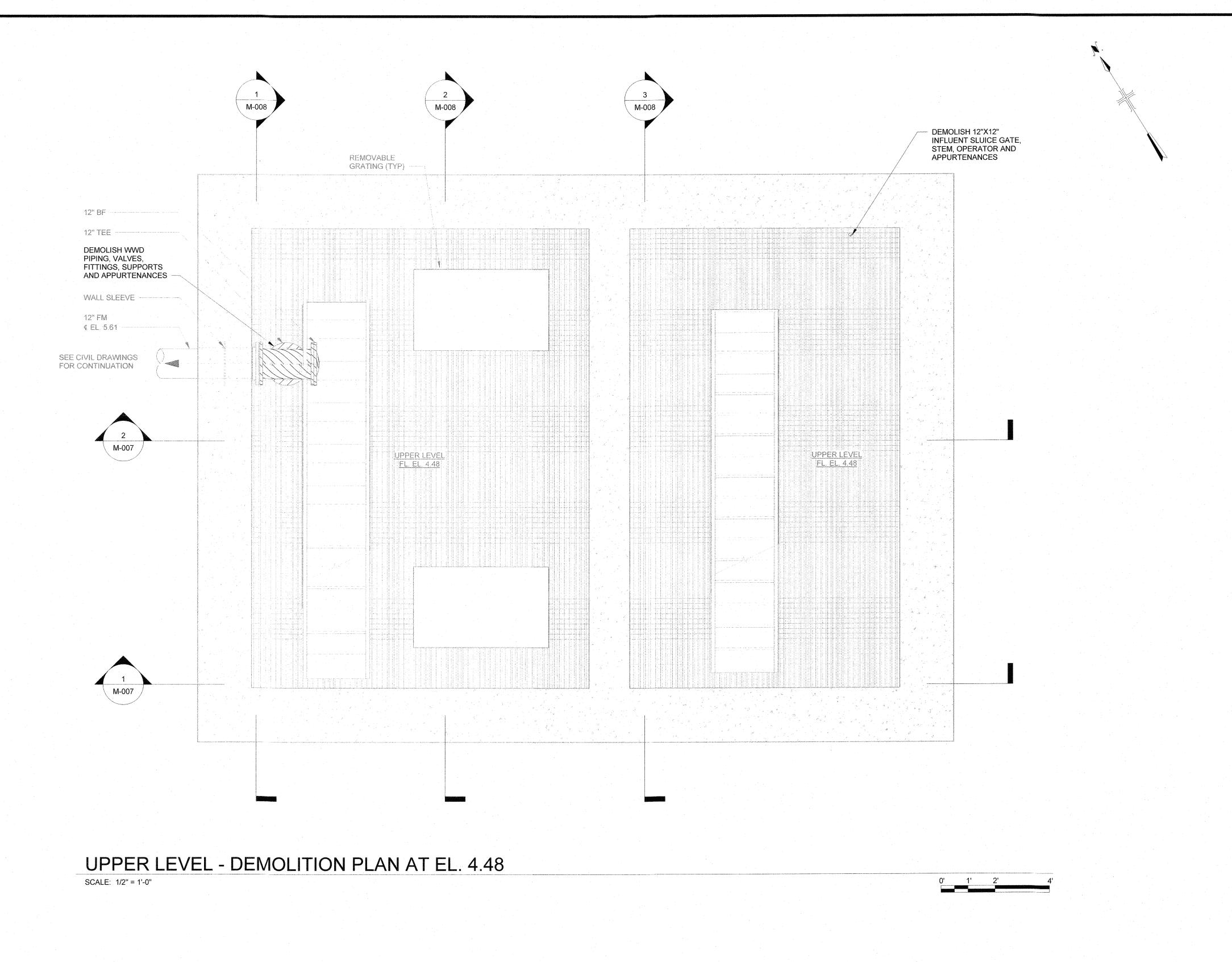
MADE BY A. CHAMBERS



A. CHAMBERS

TOP OF STRUCTURE **DEMOLITION PLAN**

DPW FILE NO. 205-03-M-86-0



- 1. FOR EQUIPMENT SHOWN TO BE DEMOLISHED, CONTRACTOR SHALL REMOVE ALL ASSOCIATED CONDUIT, WIRING, INSTRUMENTS, LOCAL CONTROL STATIONS, REMOTELY MOUNTED AUXILIARY DEVICES AND APPURTENANCES.
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- 4. ITEMS SHOWN NOT TO BE DEMOLISHED SHALL BE PROTECTED OR RELOCATED PRIOR TO THE START OF DEMOLITION WORK.

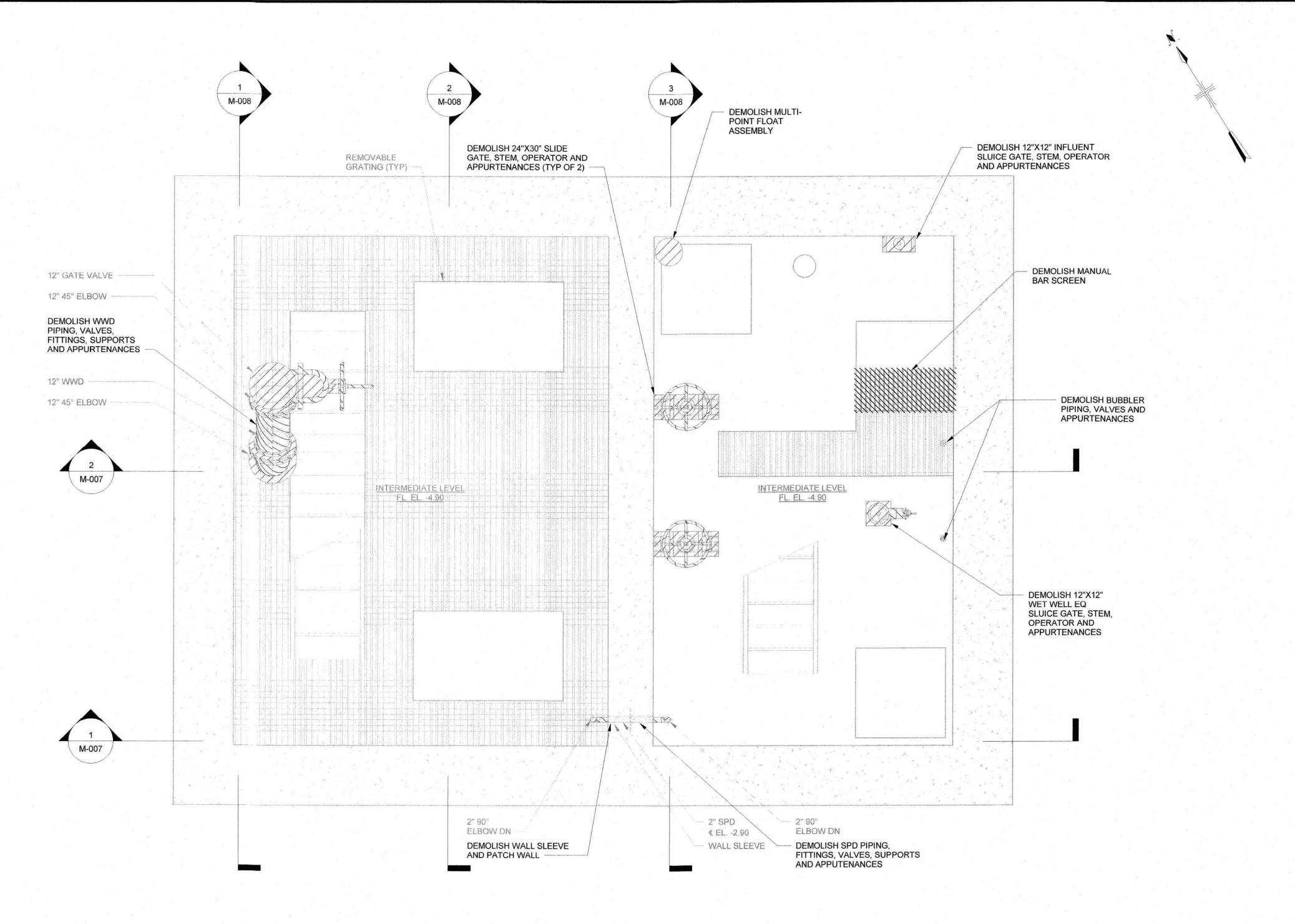
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	REHABILITATION OF WEAVER STREET PUMPING STATION MAMARONECK VALLEY SANITARY SEWER DISTRICT UPPER LEVEL DEMOLITION PLAN SCALE: 1/2" = 1'-0" DATE: APRIL 2023 DPW FILE NO. REV. NO. 205-03-M-87-0										

D. PAPASTATHIS C. CATCHPOLE

A. CHAMBERS

3. FOR PIPING SHOWN TO BE DEMOLISHED, CONTRACTOR SHALL REMOVE ALL ASSOCIATED PIPING SUPPORTS AND ACCESSORIES.



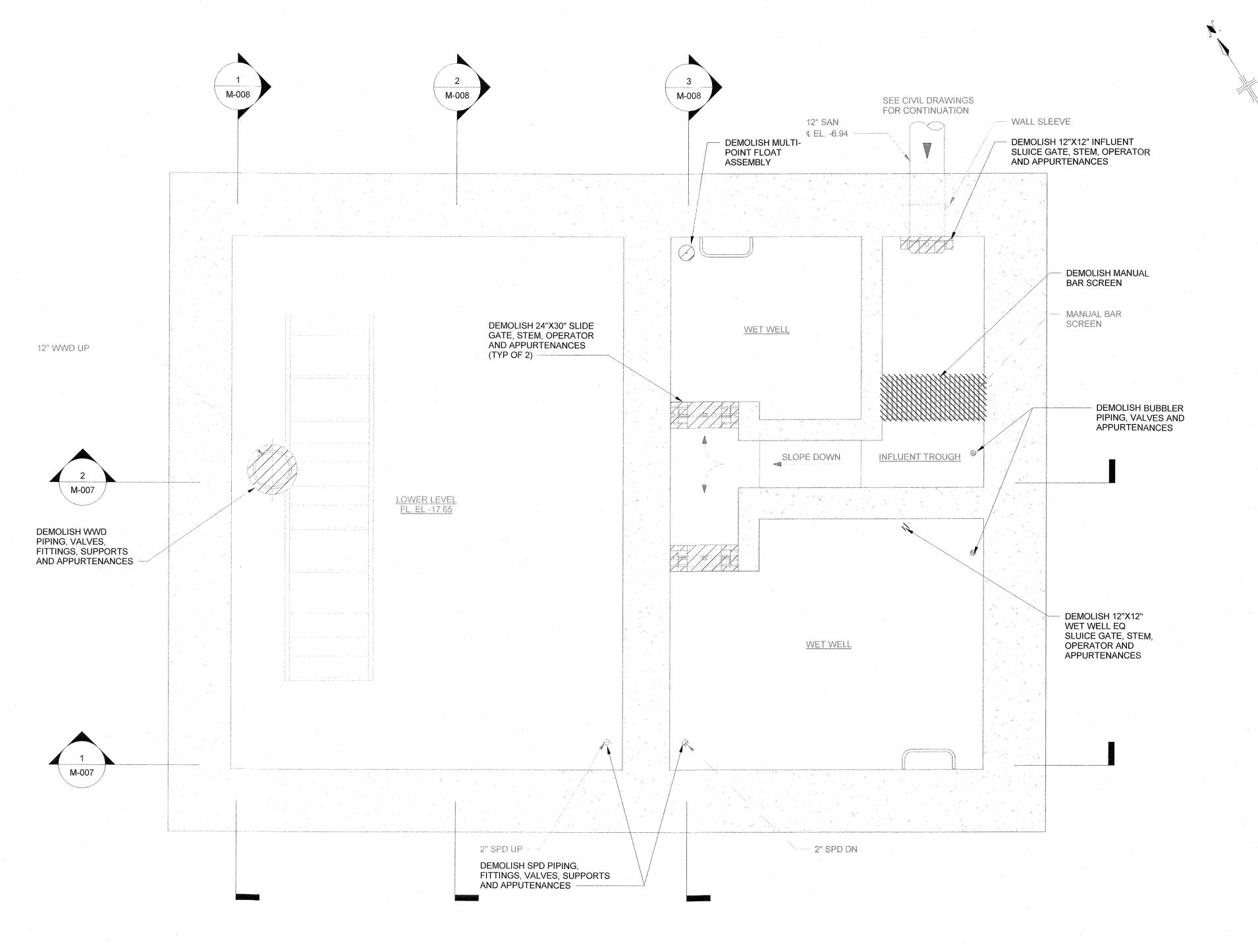
INTERMEDIATE LEVEL - DEMOLITION PLAN AT EL. -4.90

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D. PAPASTATHIS C. CATCHPOLE MADE BY A. CHAMBERS



WET WELL CHANNEL - DEMOLITION PLAN AT EL. -7.90

NOTES.

- 1. FOR EQUIPMENT SHOWN TO BE DEMOLISHED, CONTRACTOR SHALL REMOVE ALL ASSOCIATED CONDUIT, WIRING, INSTRUMENTS, LOCAL CONTROL STATIONS, REMOTELY MOUNTED AUXILIARY DEVICES AND APPURTENANCES.
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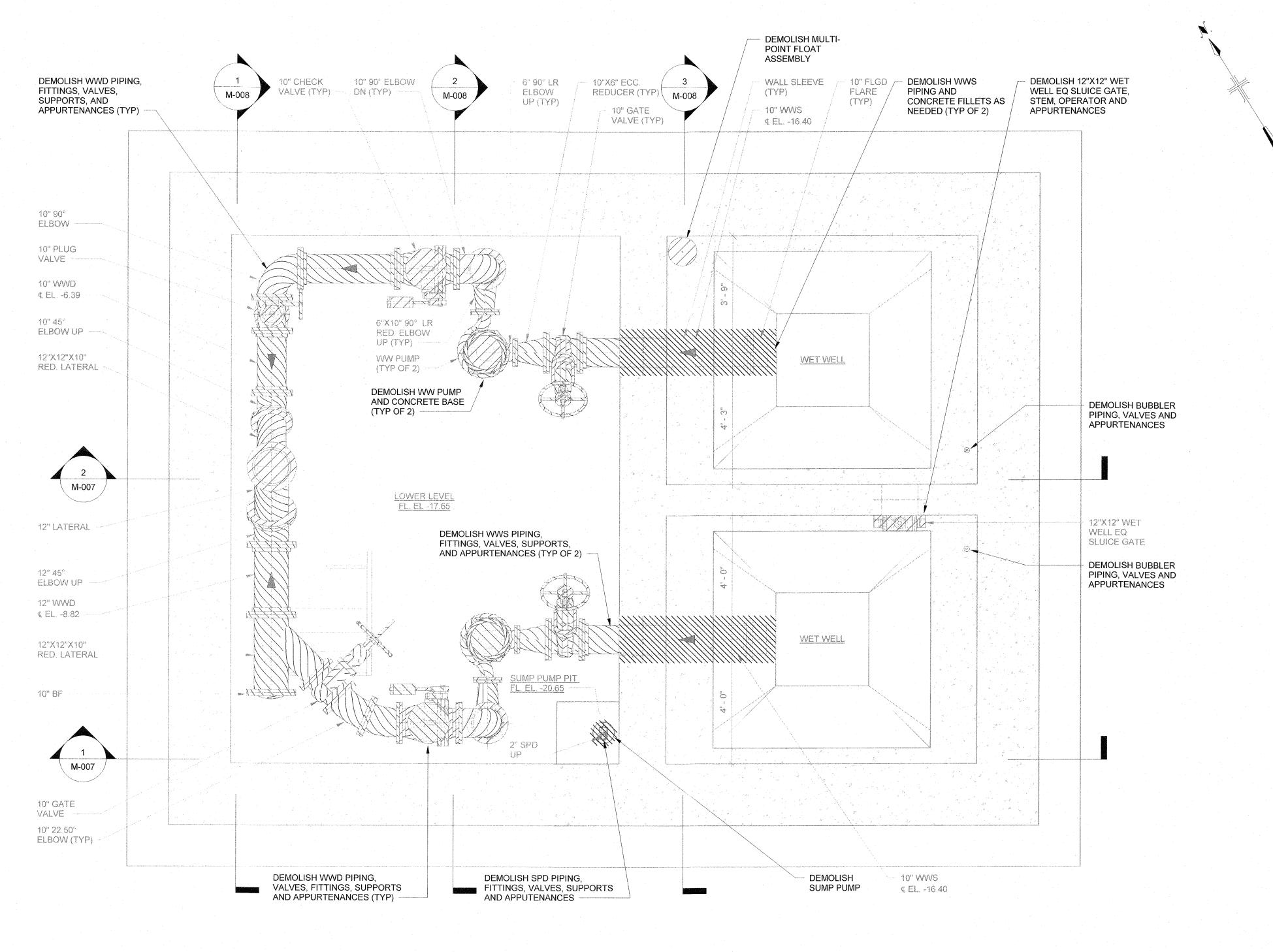
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DEMOLITION PLAN

205-03-M-89-0

D. PAPASTATHIS C. CATCHPOLE

A. CHAMBERS



LOWER LEVEL - DEMOLITION PLAN AT EL. -17.65

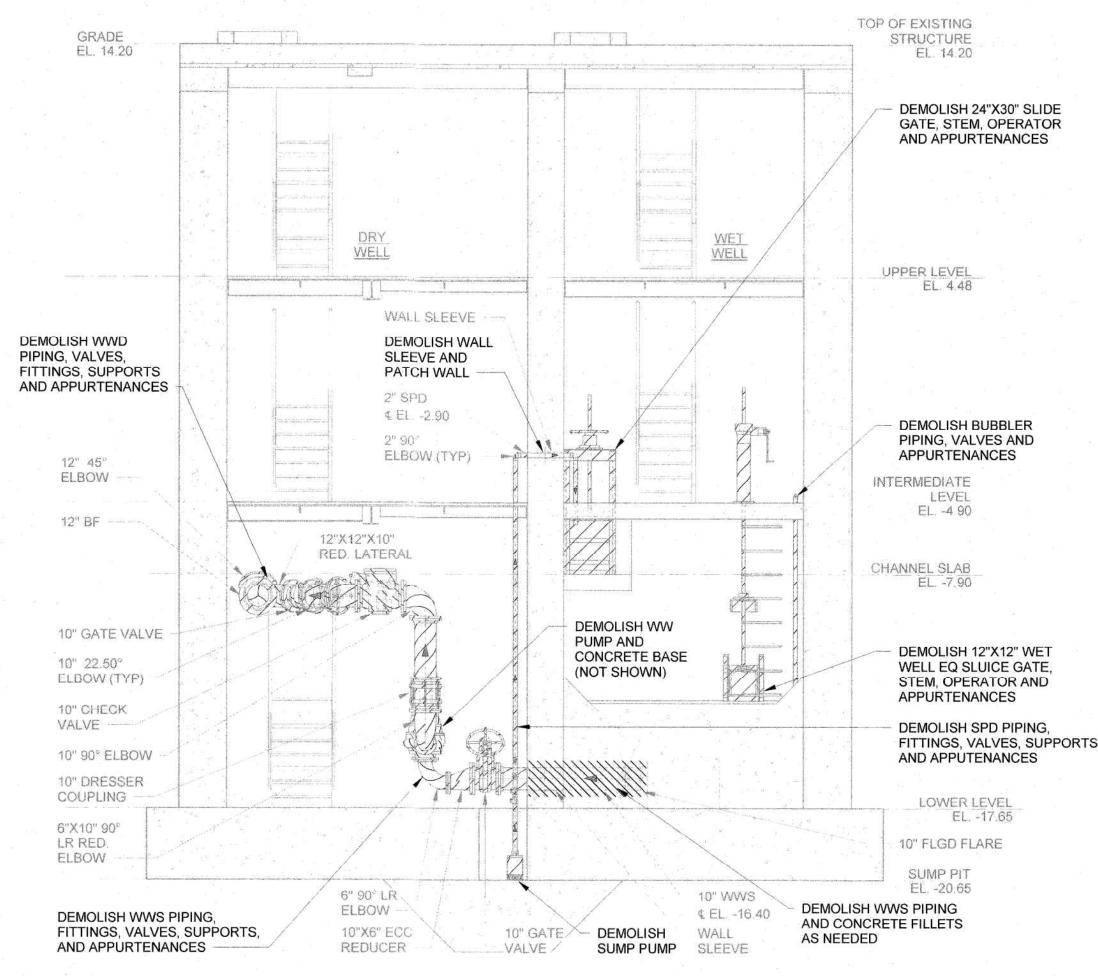
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REHABILITATION OF WEAVER STREET PUMPING STATION MAMARONECK VALLEY SANITARY SEWER DISTRICT LOWER LEVEL DEMOLITION PLAN SHEET NO. 49 OF 103 SCALE: 1/2" = 1'-0" DATE: APRIL 2023 DPW FILE NO. 205-03-M-90-0										

D. PAPASTATHIS C. CATCHPOLE



SECTION M-002 / SCALE: 1/4" = 1'-0"

DEMOLISH DAVIT CRANE AND BASEPLATE DEMOLISH 12"X12" INFLUENT SLUICE GATE, STEM, OPERATOR AND **APPURTENANCES** TOP OF EXISTING STRUCTURE EL 14.20 GRADE EL. 14.20 12" TEE -WALL SLEEVE -12" BF 12" FM ⊈ EL. 5.61 SEE CIVIL DRAWINGS FOR CONTINUATION UPPER LEVEL EL. 4.48 12" GATE VALVE ---DEMOLISH MULTI-12" 45" POINT FLOAT ELBOW -ASSEMBLY -12" 45° **DEMOLISH WWD** ELBOW -DEMOLISH BUBBLER PIPING, VALVES, PIPING, VALVES AND FITTINGS, SUPPORTS APPURTENANCES 12" LATERAL AND APPURTENANCES INTERMEDIATE LEVEL EL. -4.90 12"X12"X10" RED. LATERAL 10" WWD ¢ EL -6.39 CHANNEL SLAB EL. -7.90 10" CHECK 10" 90° VALVE ELBOW 12" BF DEMOLISH 36"X36" WET WELL 10" DRESSER HINGED ACCESS HATCH COUPLING -**DEMOLISH WW** PUMP AND DEMOLISH 24"X30" SLIDE CONCRETE BASE (NOT SHOWN) AND APPURTENANCES LOWER LEVEL EL -17.65 PUMP -10" FLGD FLARE 6" 90° LR / 10"X6" ECC. \ 10" GATE \ WALL \ 10" WWS DEMOLISH WWS PIPING **DEMOLISH WWS** PIPING, FITTINGS, ELBOW -REDUCER VALVE SLEEVE & EL. -16.40 AND CONCRETE FILLETS VALVES, SUPPORTS, AND APPURTENANCES -

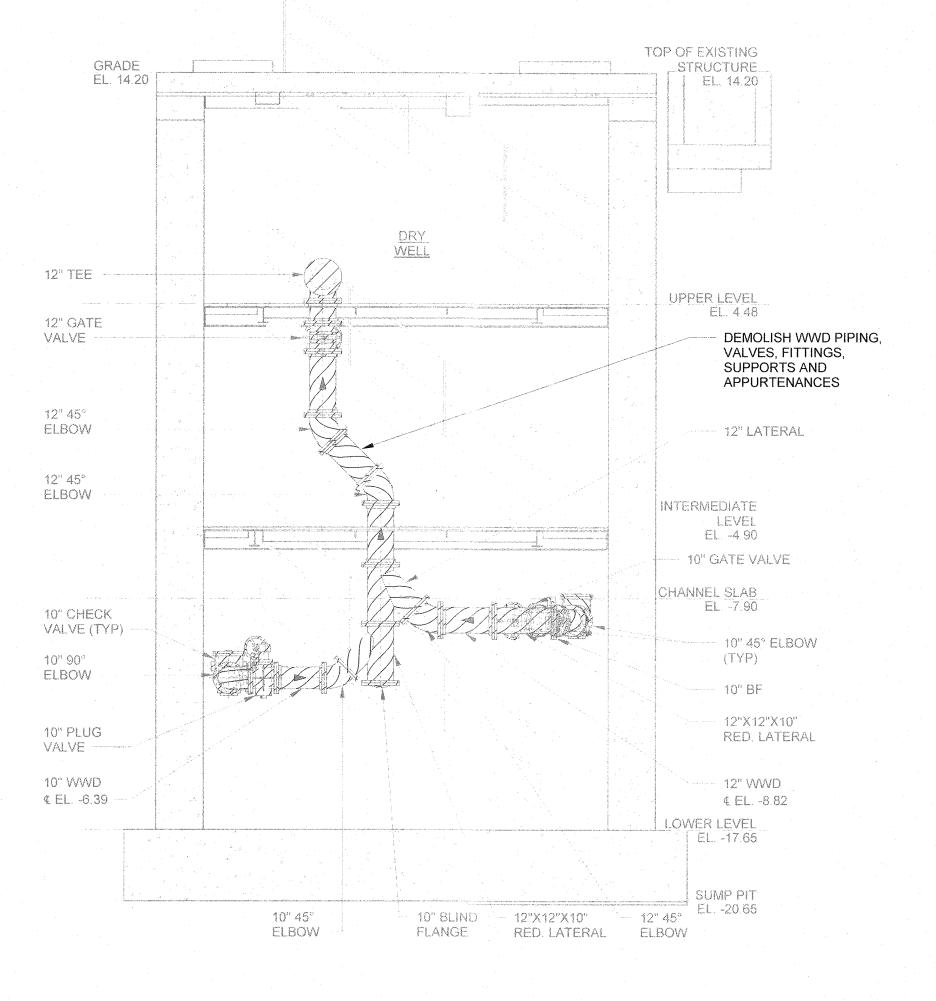
M-002 SCALE: 1/4" = 1'-0"

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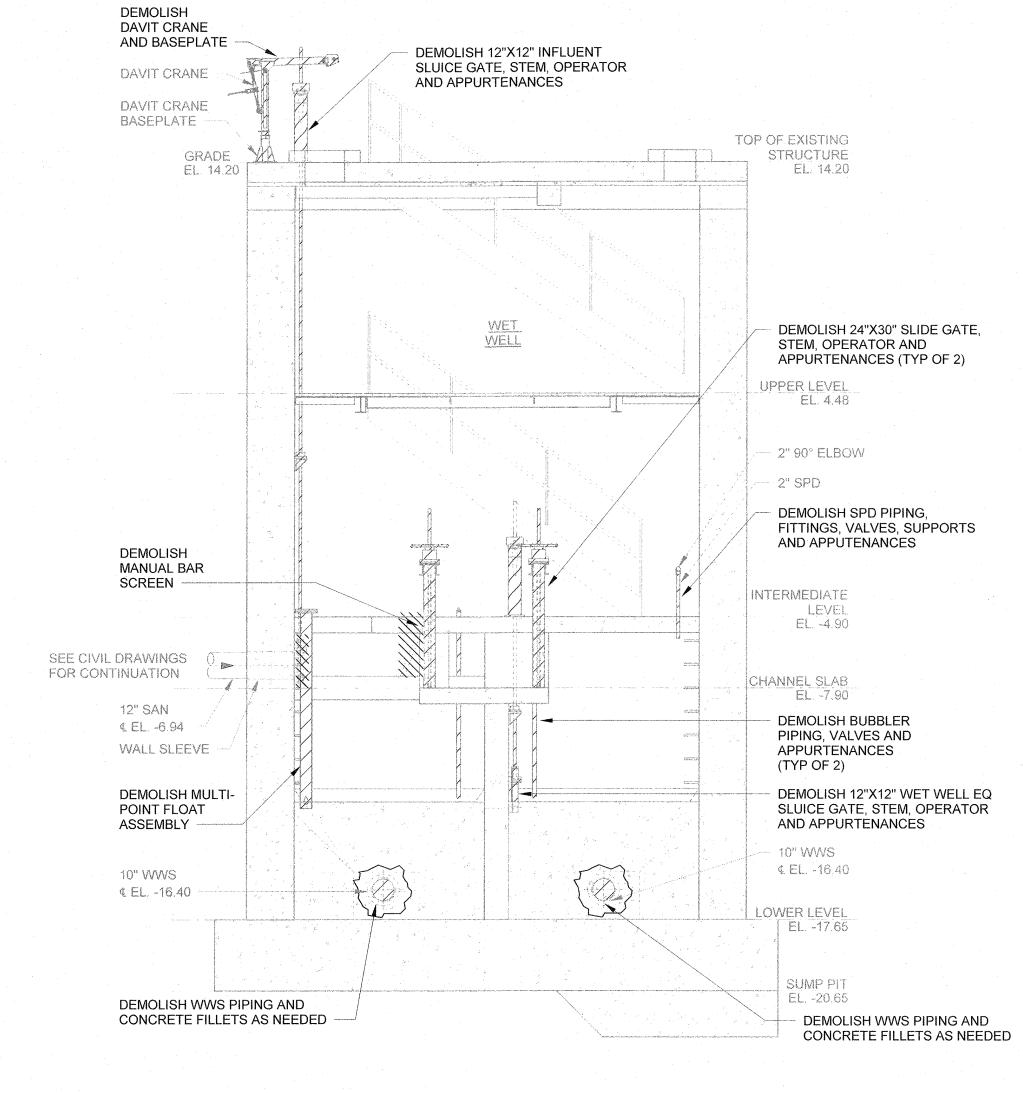
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D. PAPASTATHIS IN CHARGE OF C. CATCHPOLE CHECKED BY MADE BY A. CHAMBERS



TOP OF EXISTING STRUCTURE EL. 14.20 GRADE EL 14.20 WET WELL UPPER LEVEL EL. 7.13 UPPER LEVEL 2" 90° ELBOW DEMOLISH SPD PIPING, FITTINGS, VALVES, SUPPORTS AND APPUTENANCES INTERMEDIATE LEVEL EL -4.90 DEMOLISH WWD PIPING, VALVES, FITTINGS, SUPPORTS AND APPURTENANCES CHANNEL SLAB EL. -7.90 10" CHECK DEMOLISH WW PUMP AND VALVE (TYP) DEMOLISH WWD PIPING, CONCRETE BASE VALVES, FITTINGS, SUPPORTS (NOT SHOWN) AND APPURTENANCES (TYP OF 2) 10" DRESSER COUPLING (TYP) 10"X6" ECC. REDUCER (TYP) - 6"X10" 90° LR RED. 6" 90" LR ELBOW (TYP) SUMP PUMP PIT 10" GATE VALVE (TYP) LOWER LEVEL EL. -17.65 DEMOLISH SUMP PUMP SUMP PIT EL. -20.65 DEMOLISH WWS PIPING, DEMOLISH WWS FITTINGS, VALVES, SUPPORTS, PIPING, FITTINGS, AND APPURTENANCES VALVES, SUPPORTS, AND APPURTENANCES



SECTION

M-002 | SCALE: 1/4" = 1'-0"

SECTION

SECTION M-002 / SCALE: 1/4" = 1'-0"

REVISION DATE

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WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 7209.2.

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SHEET NO. 51 OF 103

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

DATE: APRIL 2023

205-03-M-92-0

NUMBER

22-526

DPW FILE NO.

SHEET NUMBER

M-008

ARCADIS PROJECT NO. 30108362

APP'D REVISION

RECORD DRAWING CERTIFICATION

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MADE

BY

CONTRACTOR NAME

PROJECT COORDINATOR NAME ____ SIGNATURE DATE

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING

REHABILITATION OF WEAVER STREET PUMPING STATION MAMARONECK VALLEY SANITARY SEWER DISTRICT DEMOLITION SECTIONS

WESTCHESTER COUNTY, NEW YORK

SHEET 2

D. PAPASTATHIS IN CHARGE OF

C. CATCHPOLE CHECKED BY A. CHAMBERS

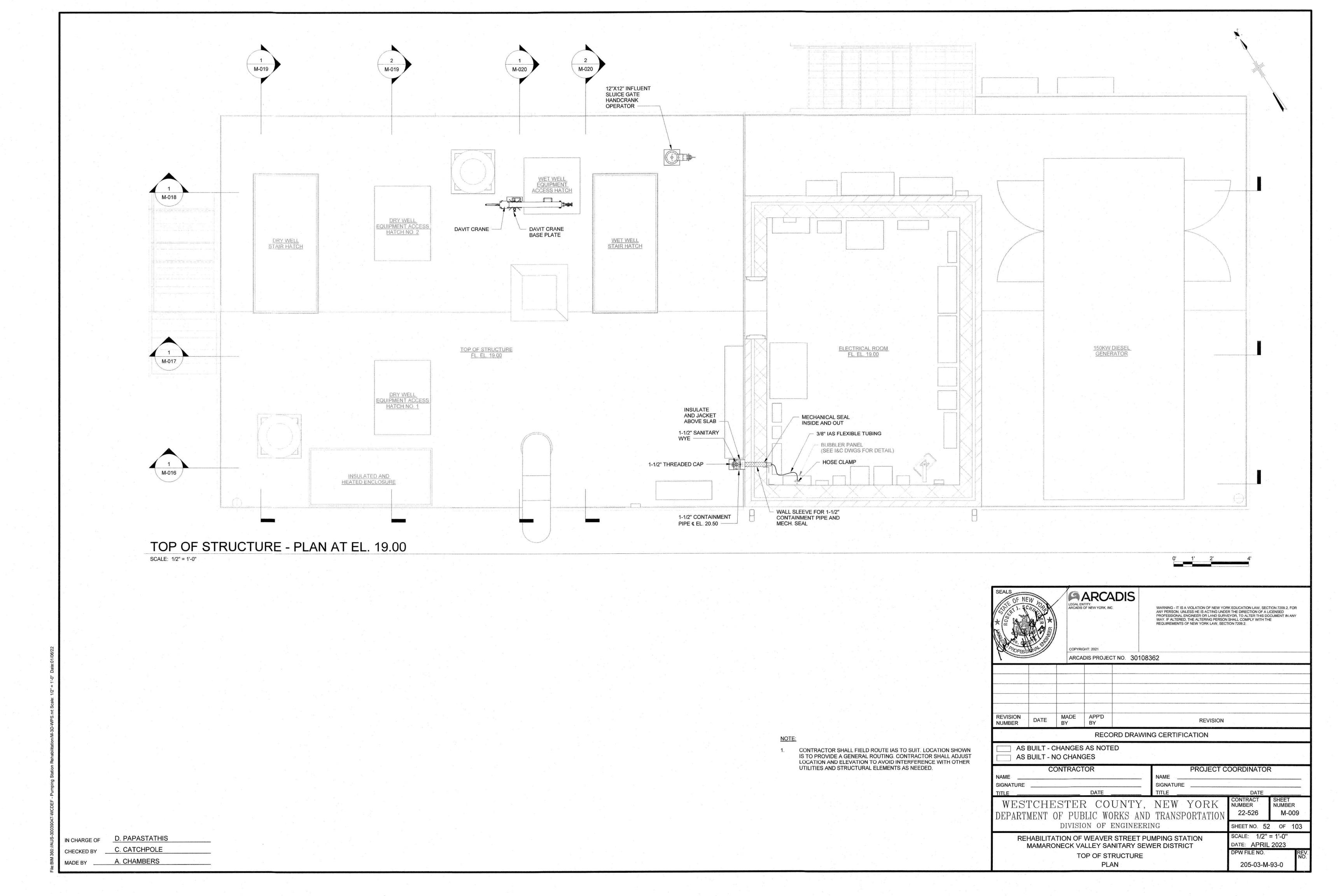
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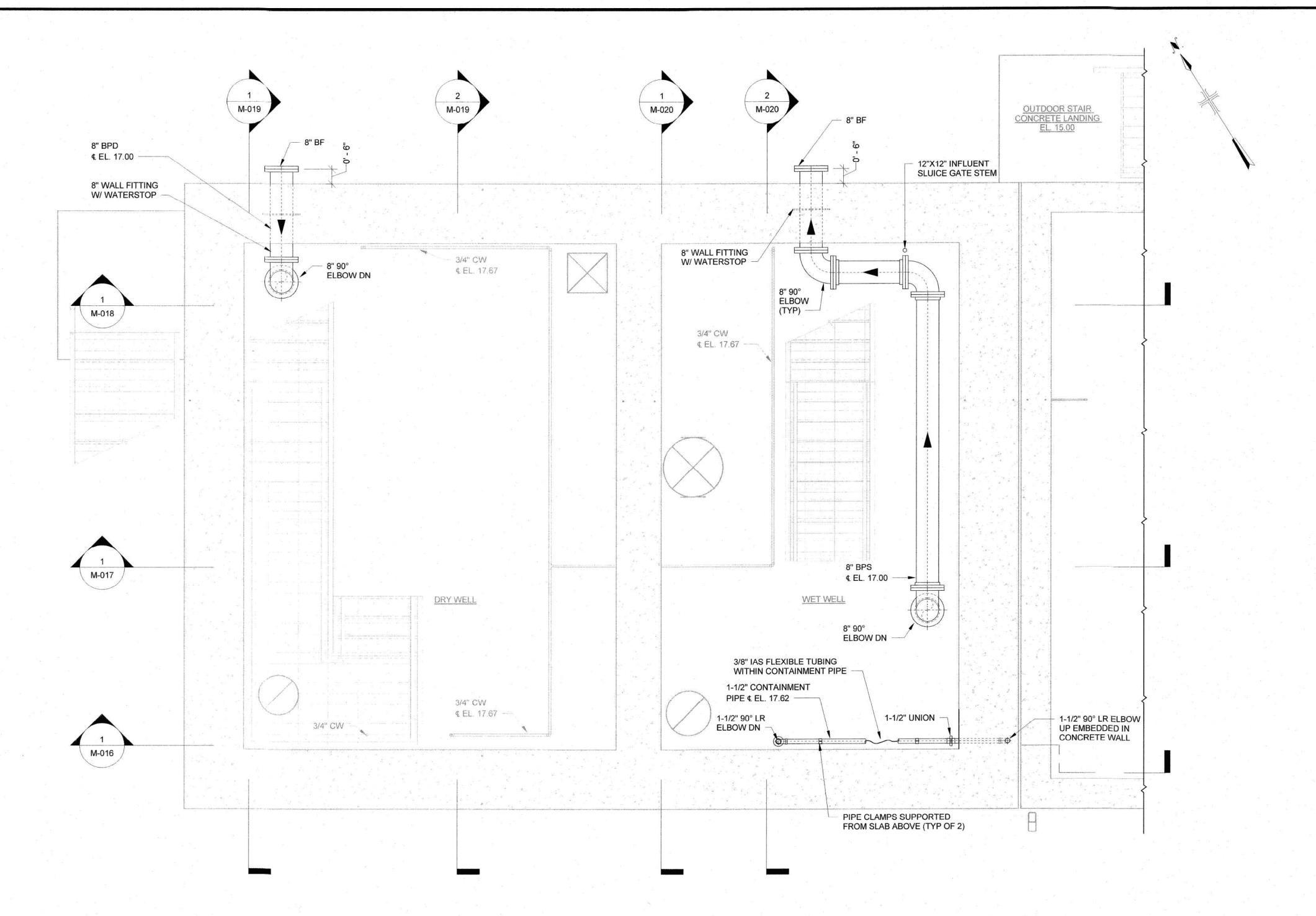
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UPPER LEVEL - PARTIAL PLAN AT EL. 14.20

0' 1' 2' 4'

NOTE

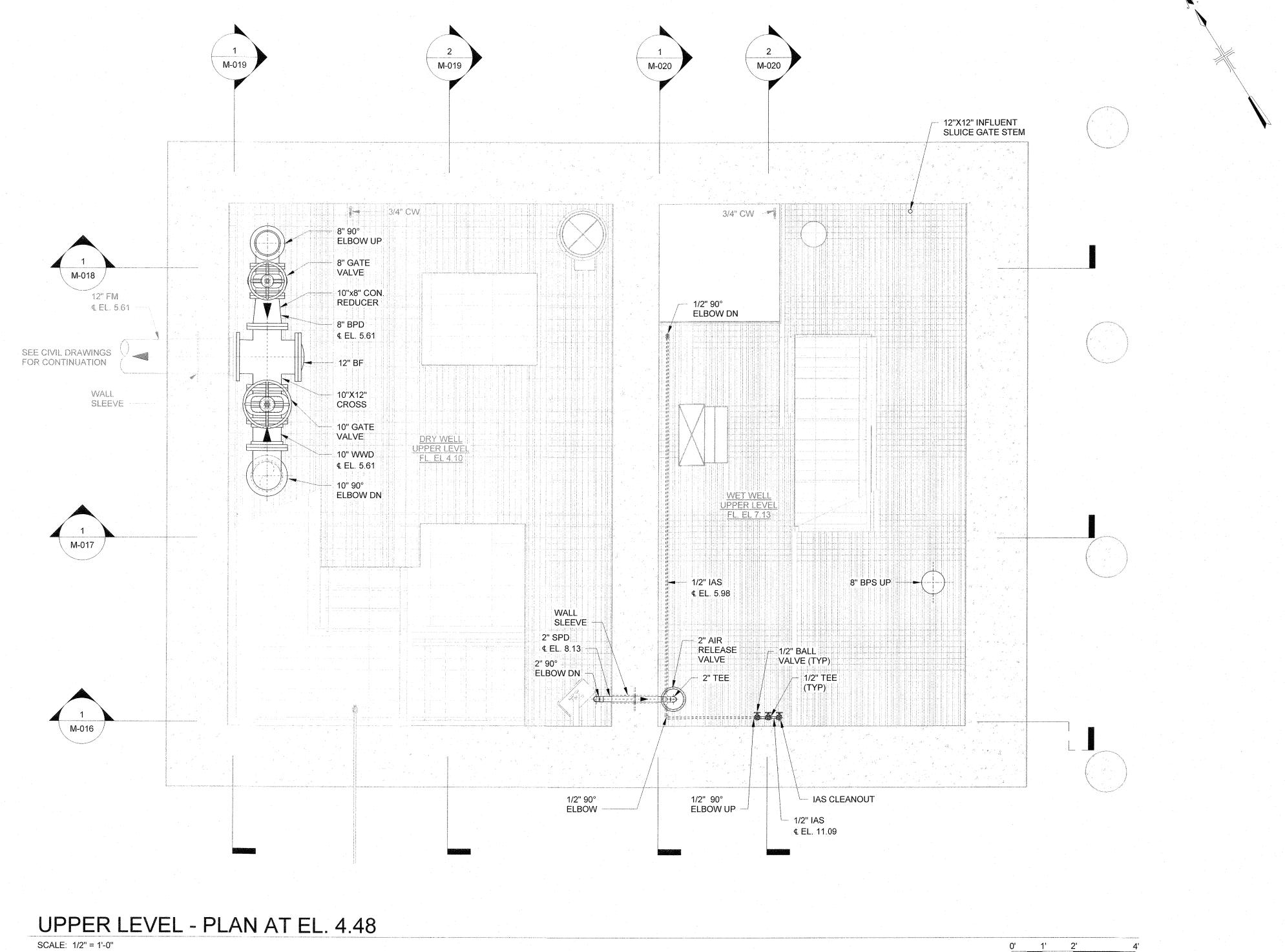
 CONTRACTOR SHALL FIELD ROUTE IAS TO SUIT. LOCATION SHOWN IS TO PROVIDE A GENERAL ROUTING. CONTRACTOR SHALL ADJUST LOCATION AND ELEVATION TO AVOID INTERFERENCE WITH OTHER UTILITIES AND STRUCTURAL ELEMENTS AS NEEDED.

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IN CHARGE OF D. PAPASTATHIS

CHECKED BY C. CATCHPOLE

MADE BY A. CHAMBERS

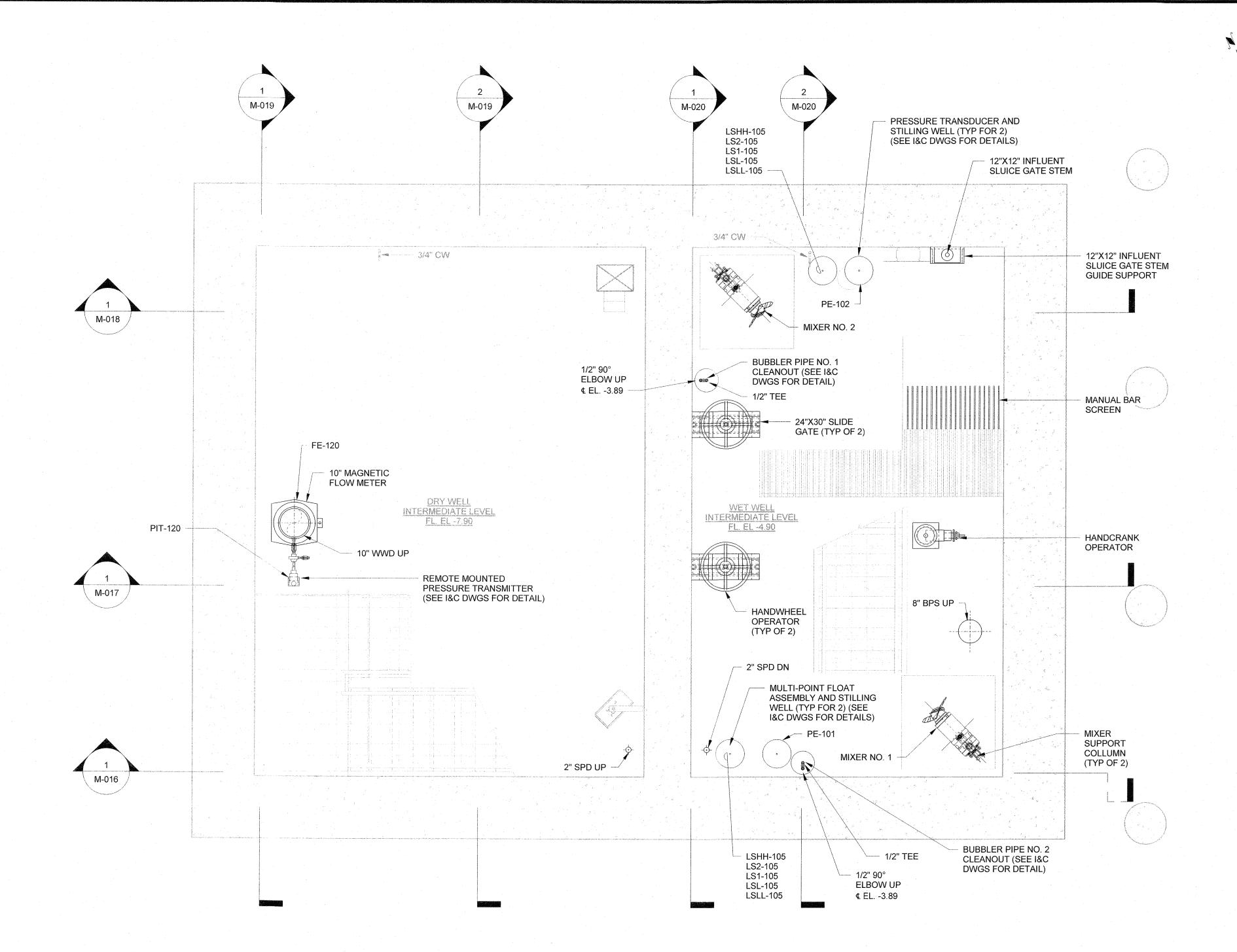


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D. PAPASTATHIS C. CATCHPOLE

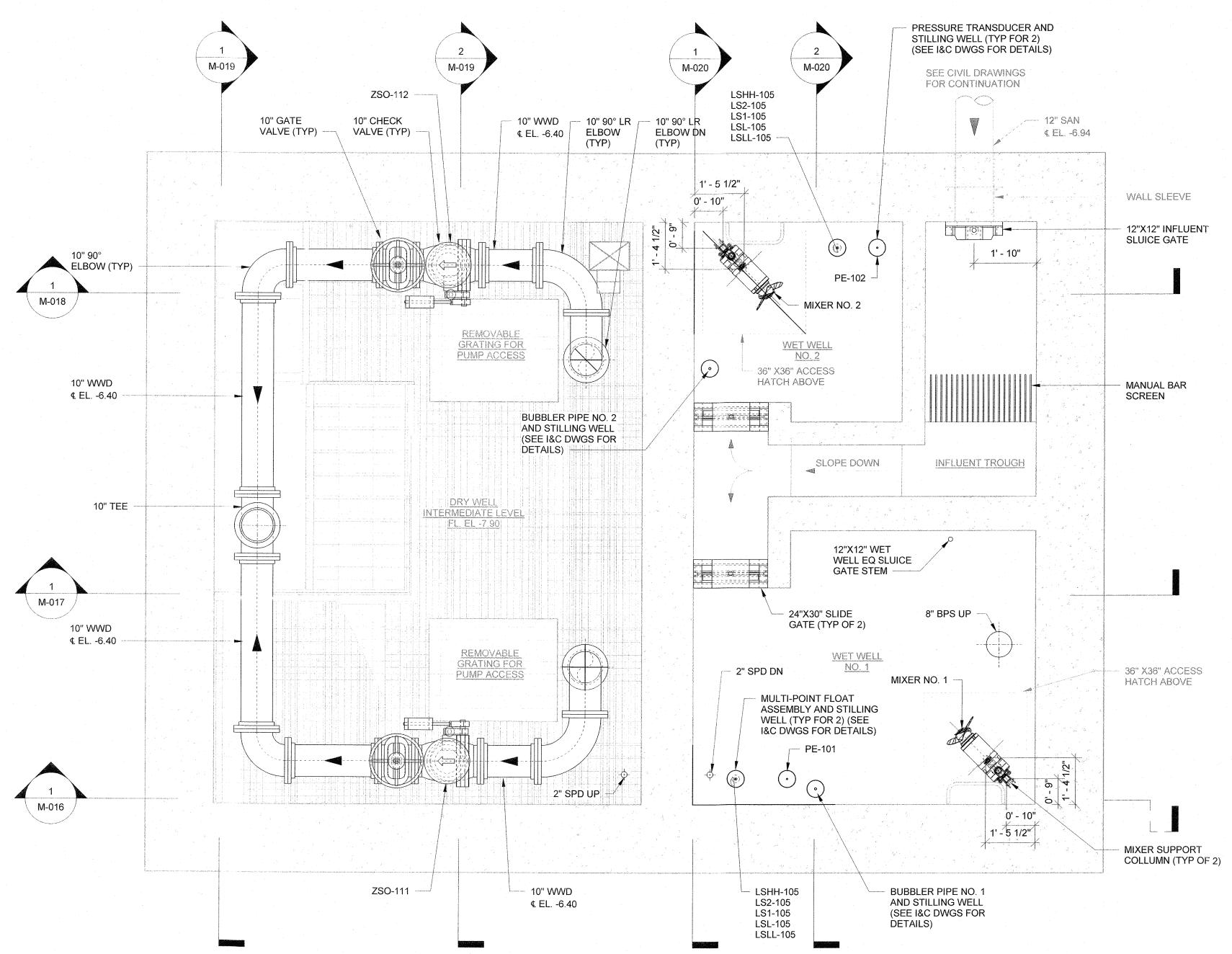


INTERMEDIATE LEVEL - PLAN AT EL. -4.90 SCALE: 1/2" = 1'-0"

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			F PUB	BLIC WO) TRANSPORTATION 22-526 M-012				
REHABILITATION OF WEAVER STREET PUMPING STATION MAMARONECK VALLEY SANITARY SEWER DISTRICT INTERMEDIATE LEVEL PLAN AT EL6.50 SHEET NO. 9 SCALE: 1/2 DATE: APR DPW FILE NO. 9 205-03-10										

D. PAPASTATHIS C. CATCHPOLE

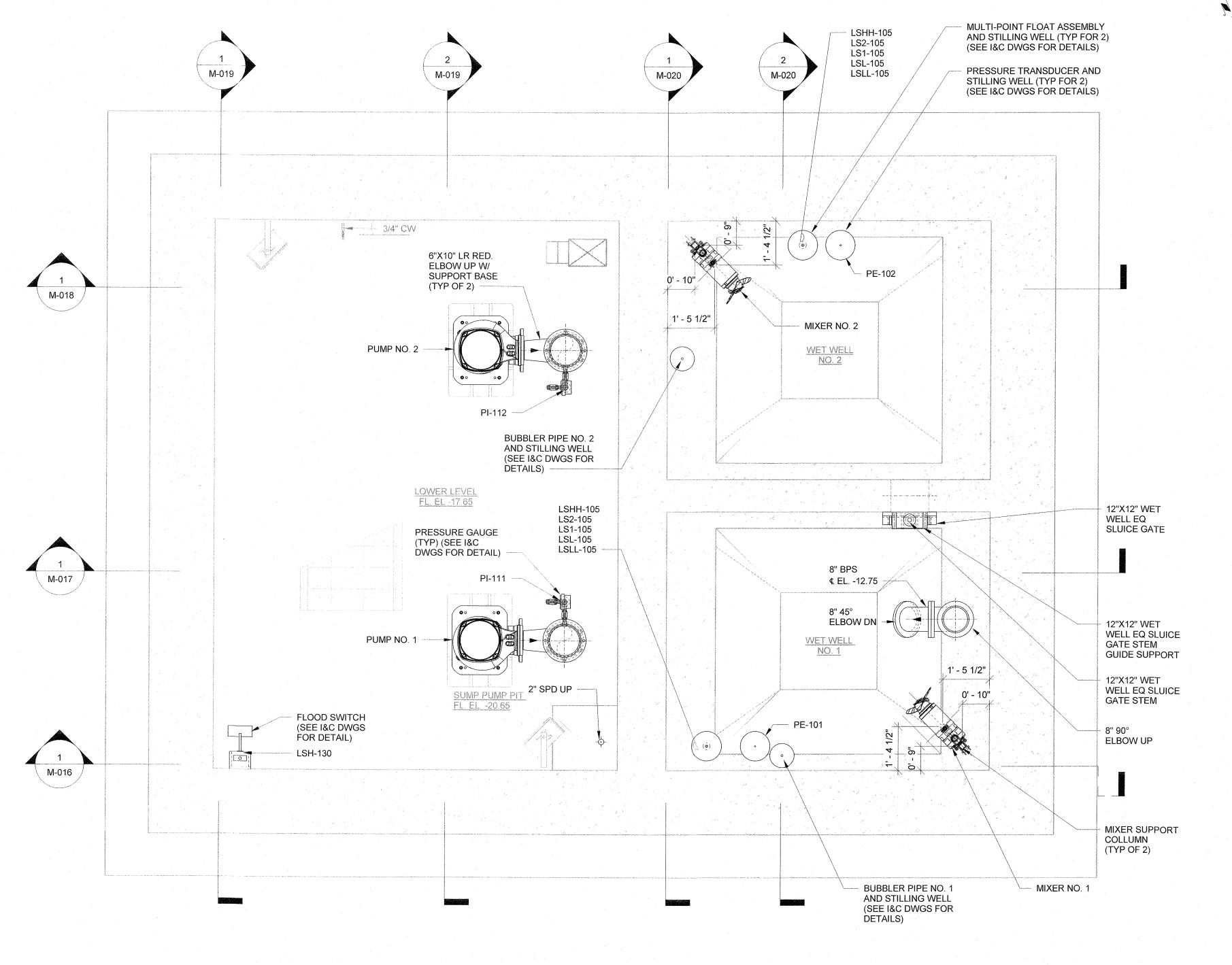


INTERMEDIATE LEVEL - PLAN AT EL. -7.90

CONTRACTOR SHALL FIELD ROUTE IAS TO SUIT. LOCATION SHOWN IS TO PROVIDE A GENERAL ROUTING. CONTRACTOR SHALL ADJUST LOCATION AND ELEVATION TO AVOID INTERFERENCE WITH OTHER UTILITIES AND STRUCTURAL ELEMENTS AS NEEDED.

SEALS OF N	EW TO THE STATE OF	LEGAL E ARCADIS	GOF NEW YORK, INC		WARNING - IT IS A VIOLATION OF NEW ANY PERSON, UNLESS HE IS ACTING UI PROFESSIONAL ENGINEER OR LAND SUWAY. IF ALTERED, THE ALTERING PERS REQUIREMENTS OF NEW YORK LAW, S	NDER THE DIRECTION OF A I JRVEYOR, TO ALTER THIS DO SON SHALL COMPLY WITH TH	JCENSED OCUMENT IN ANY
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			RECC	RD DRAWIN	NG CERTIFICATION		
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				UNTY, DRKS AND	NEW YORK Transportation	CONTRACT NUMBER 22-526	SHEET NUMBER M-013
		DIVISI	ON OF I	ENGINEERI	NG	SHEET NO. 56	of 103
				-	JMPING STATION VER DISTRICT	SCALE: 1/2" DATE: APRIL	2023
				ATE LEVEL		DPW FILE NO.	REV. NO.
			PLAN AT I	EL7.90		205-03-M	-97-0

D. PAPASTATHIS C. CATCHPOLE A. CHAMBERS

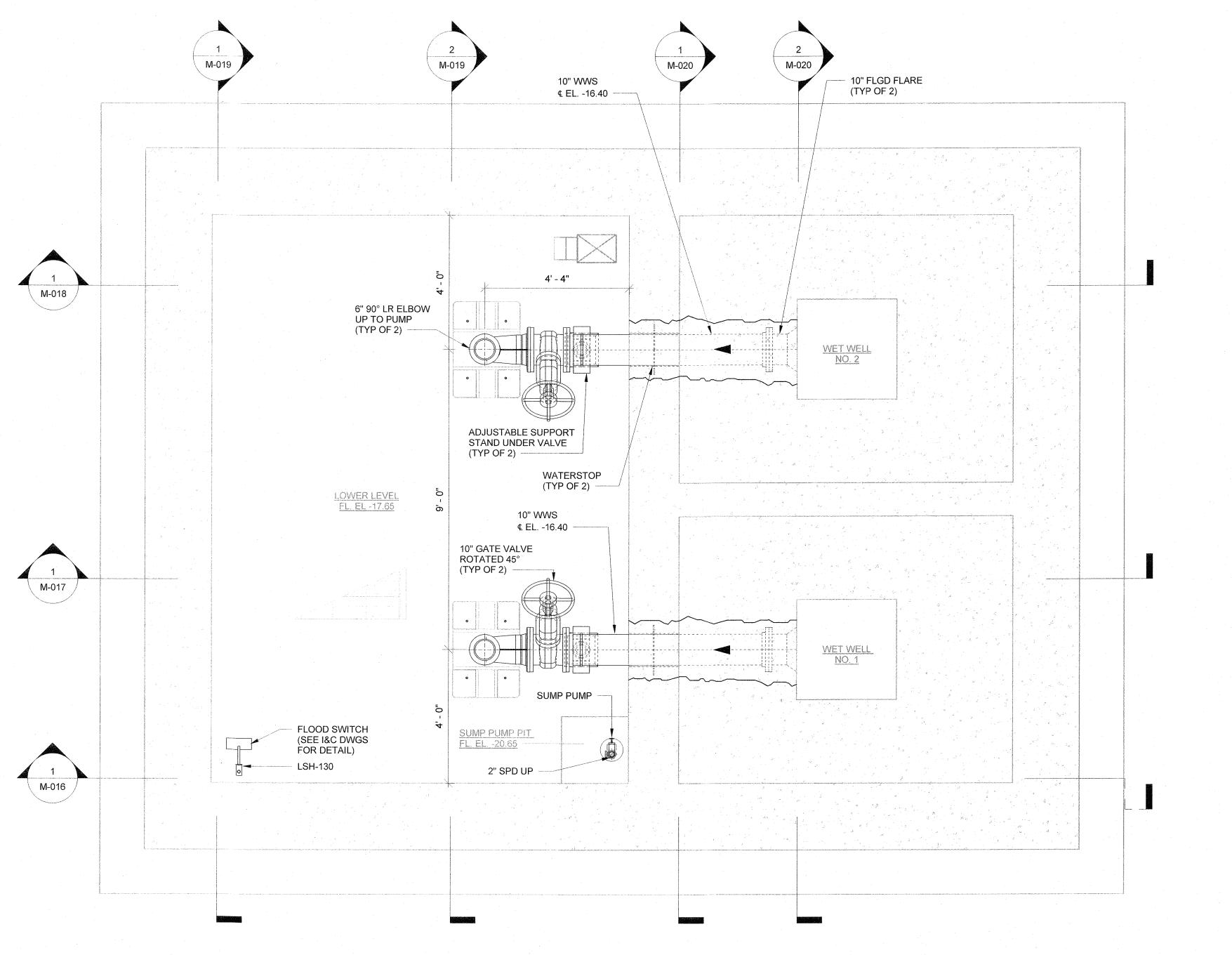


LOWER LEVEL - PLAN AT EL. -15.62 SCALE: 1/2" = 1'-0"

1. CONTRACTOR SHALL FIELD ROUTE IAS TO SUIT. LOCATION SHOWN IS TO PROVIDE A GENERAL ROUTING. CONTRACTOR SHALL ADJUST LOCATION AND ELEVATION TO AVOID INTERFERENCE WITH OTHER UTILITIES AND STRUCTURAL ELEMENTS AS NEEDED.

SEALS OF THE PROPERTY OF THE P	VEW OF STATE	LEGAL EN ARCADIS	OF NEW YORK, INC		WARNING - IT IS A VIOLATION OF NEW YOF ANY PERSON, UNLESS HE IS ACTING UNDE PROFESSIONAL ENGINEER OR LAND SURV WAY. IF ALTERED, THE ALTERING PERSON REQUIREMENTS OF NEW YORK LAW, SECTION 1988	ER THE DIRECTION OF A L EYOR, TO ALTER THIS DO SHALL COMPLY WITH TH	ICENSED DCUMENT IN ANY
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NAME		NTRACT		6	PROJECT C	OORDINATOR	2
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TITLE			DATE		TITLE	DATE CONTRACT	SHEET
				•	NEW YORK TRANSPORTATION	NUMBER 22-526	NUMBER M-014
17 11 1 11 V 1 1	TILL C			ENGINEERII		SHEET NO. 57	OF 103
		NECK VA	LLEY SAI	NITARY SEW	MPING STATION ER DISTRICT	SCALE: 1/2" DATE: APRIL DPW FILE NO. 205-03-M-	2023 REV. NO.

D. PAPASTATHIS IN CHARGE OF C. CATCHPOLE A. CHAMBERS



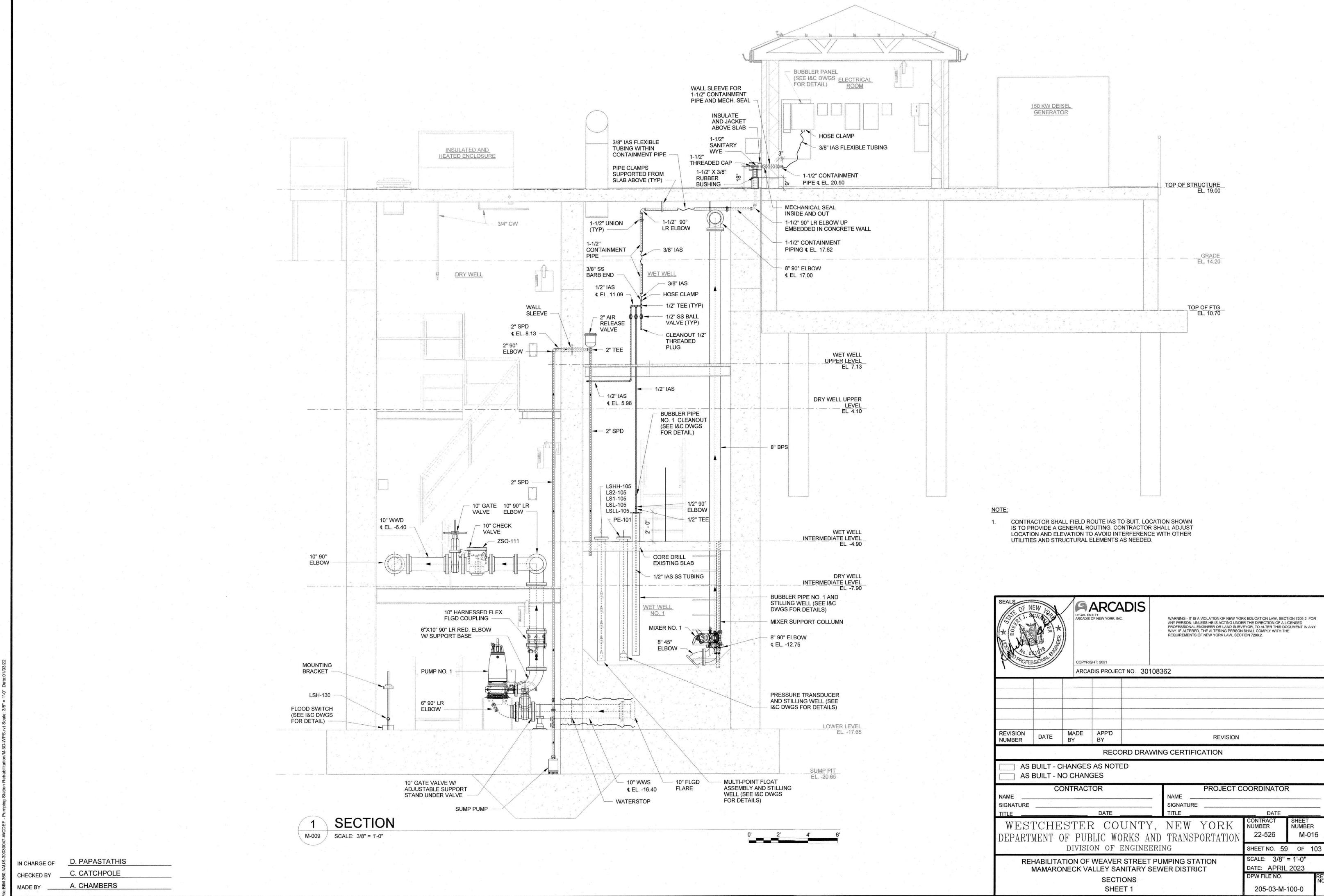
LOWER LEVEL - PLAN AT EL. -17.65

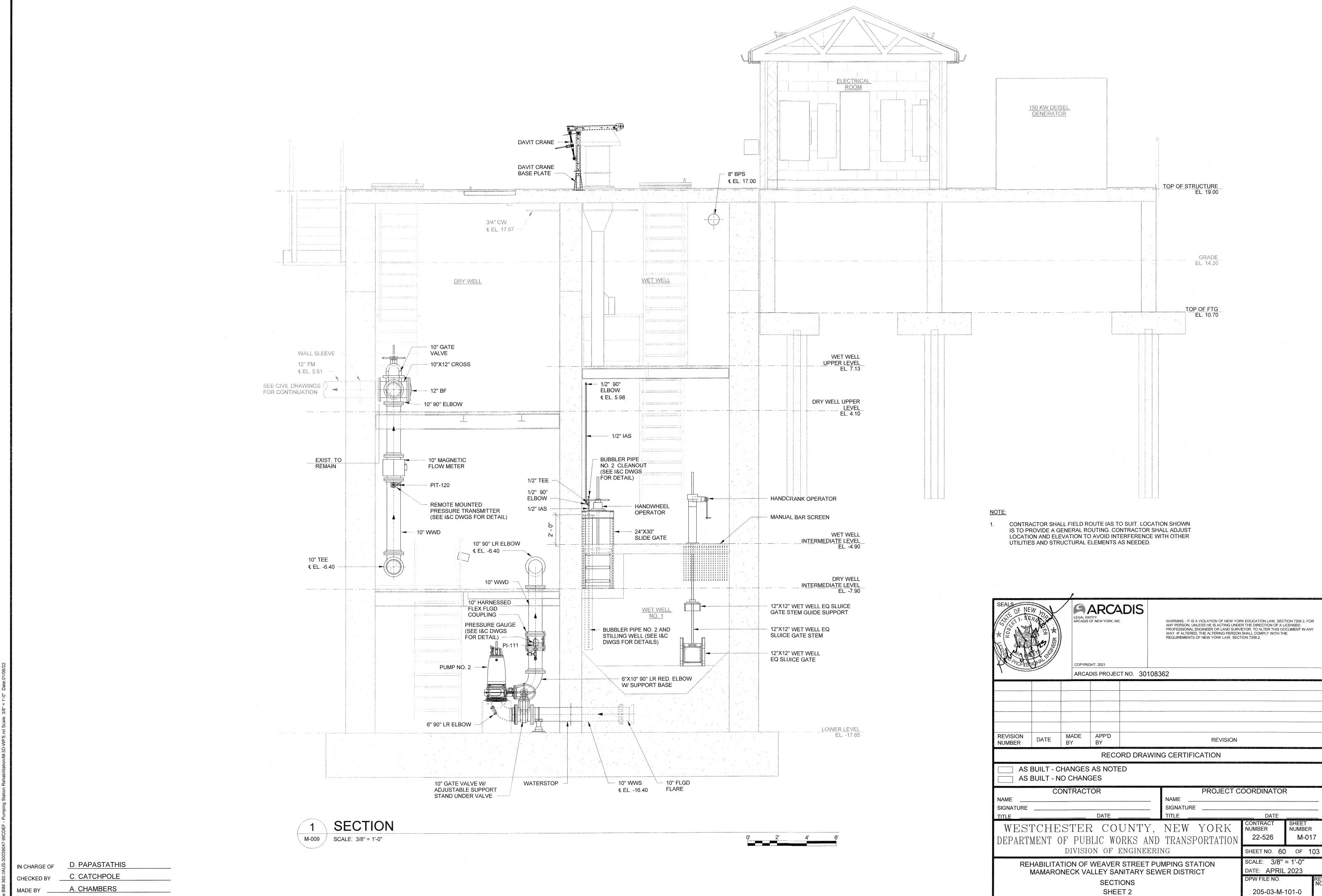
1. CONTRACTOR SHALL FIELD ROUTE IAS TO SUIT. LOCATION SHOWN IS TO PROVIDE A GENERAL ROUTING. CONTRACTOR SHALL ADJUST LOCATION AND ELEVATION TO AVOID INTERFERENCE WITH OTHER UTILITIES AND STRUCTURAL ELEMENTS AS NEEDED.

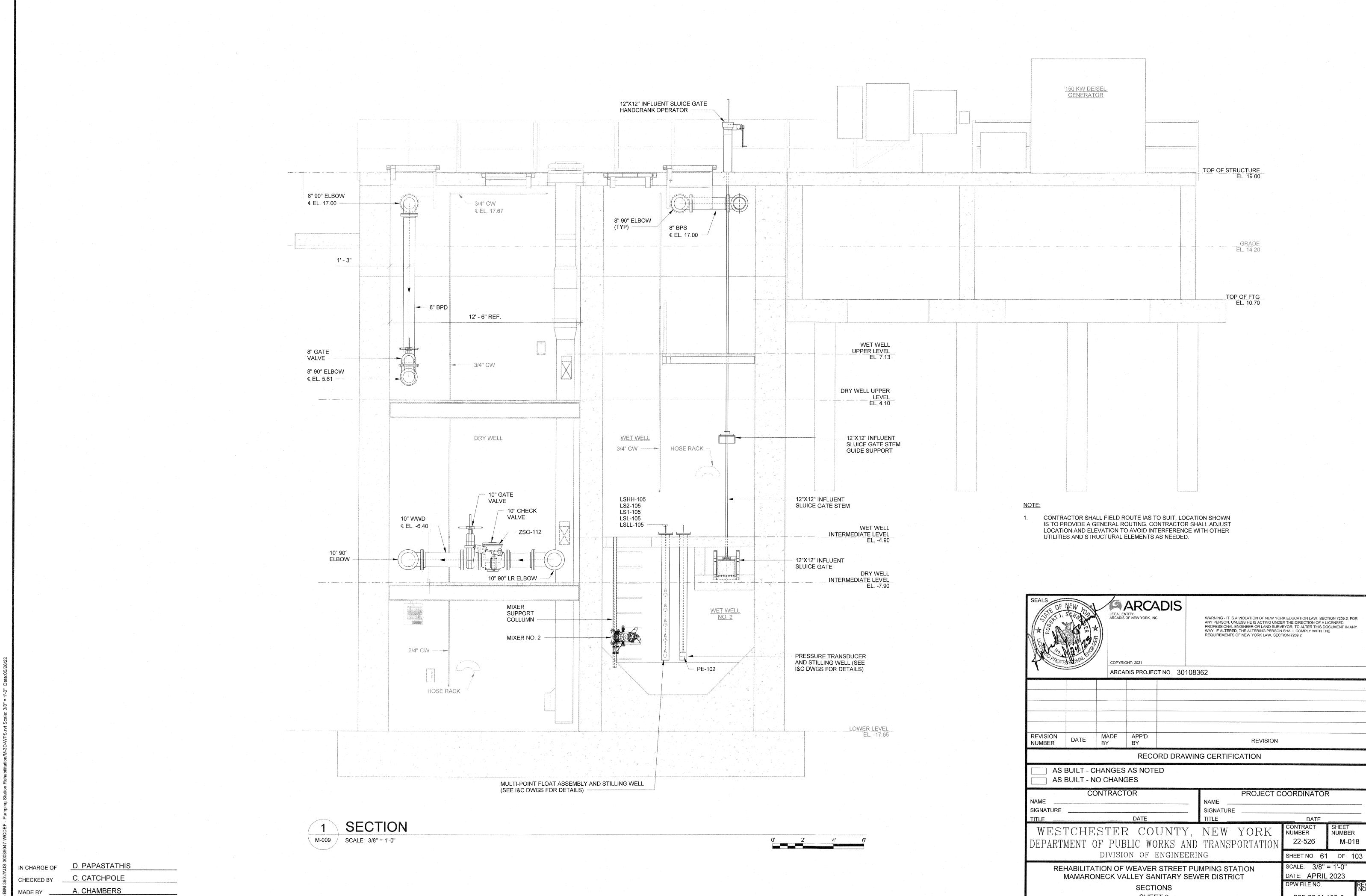
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SEALS OF NE	W LOCAL AND STATE OF THE PARTY	LEGAL EN ARCADIS (OF NEW YORK, INC		WARNING - IT IS A VIOLATION OF NEW YOF ANY PERSON, UNLESS HE IS ACTING UNDE PROFESSIONAL ENGINEER OR LAND SURV WAY. IF ALTERED, THE ALTERING PERSON REQUIREMENTS OF NEW YORK LAW, SECT	ER THE DIRECTION OF A L YEYOR, TO ALTER THIS DO I SHALL COMPLY WITH TH	ICENSED DCUMENT IN ANY	
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			RECC	RD DRAWIN	G CERTIFICATION			
AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES								
CONTRACTOR NAME SIGNATURE					PROJECT COORDINATOR NAME SIGNATURE			
TITLE		~MDF	DATE		TITLE	DATE CONTRACT	SHEET	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING					NUMBER 22-526 SHEET NO. 58	NUMBER M-015		
REHABILITATION OF WEAVER STREET PUMPING STATION MAMARONECK VALLEY SANITARY SEWER DISTRICT LOWER LEVEL PLAN AT EL17.65					SCALE: 1/2" DATE: APRIL DPW FILE NO. 205-03-M-	= 1'-0" . 2023 REV. NO.		

D. PAPASTATHIS C. CATCHPOLE

SCALE: 1/2" = 1'-0"

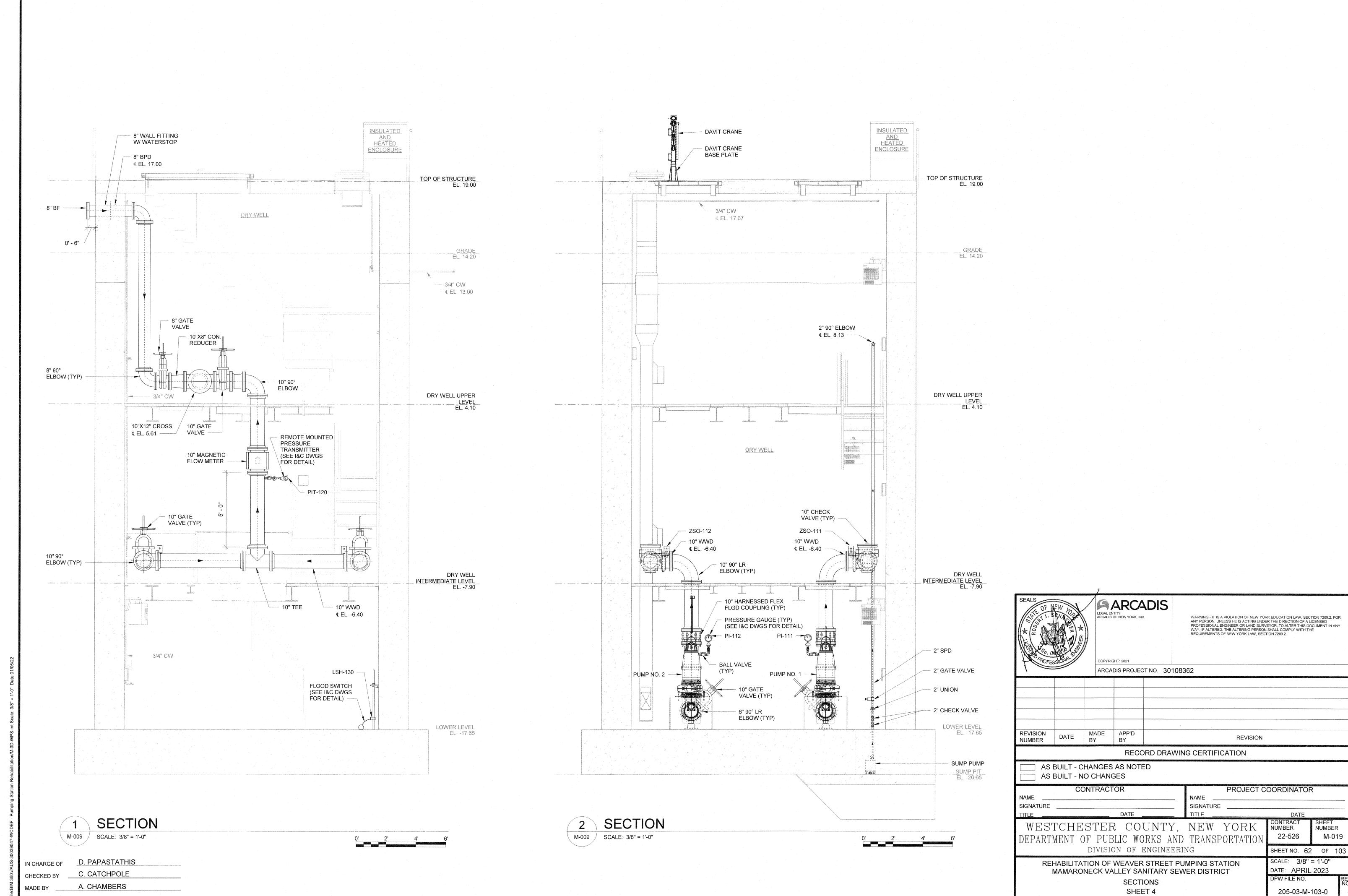


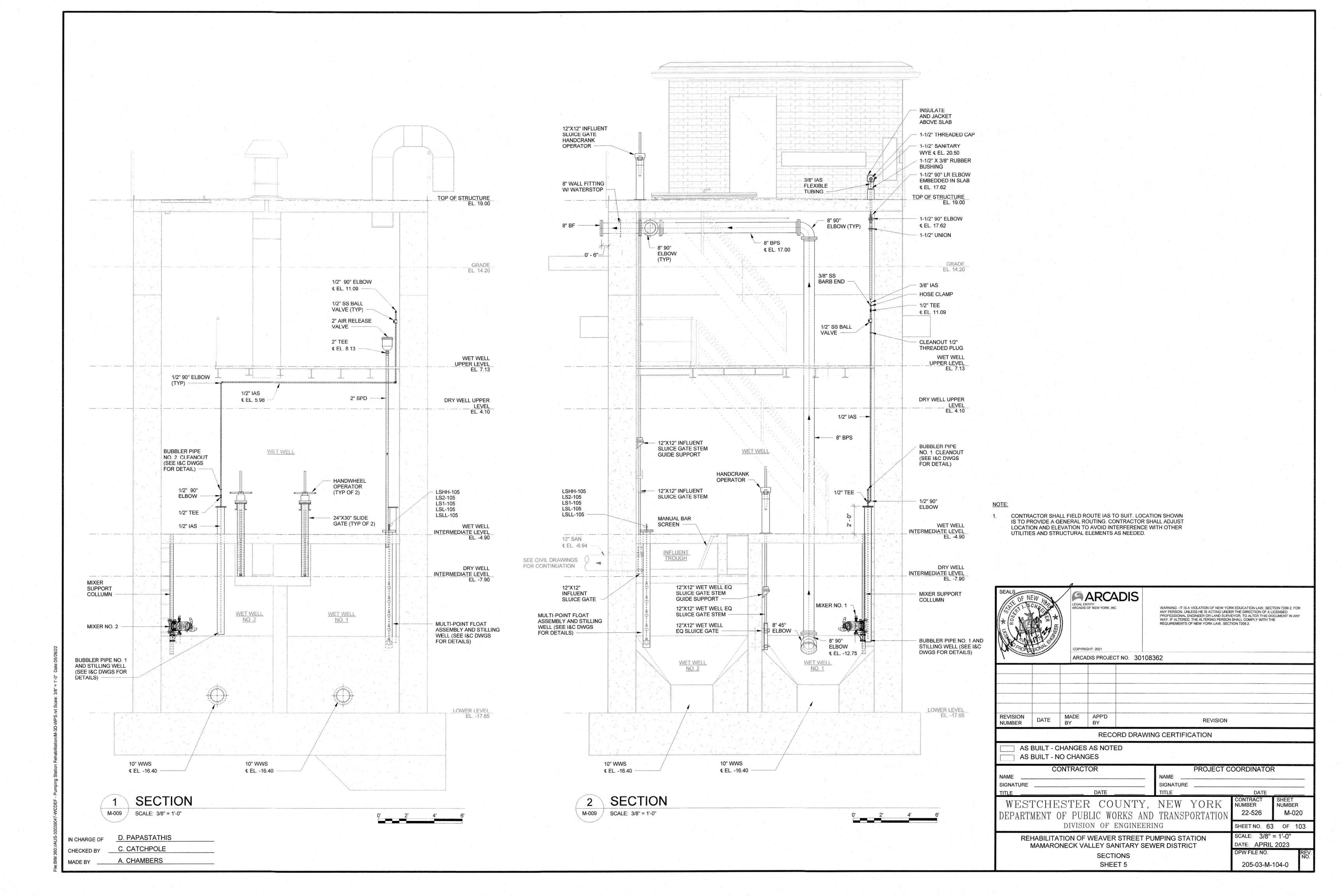


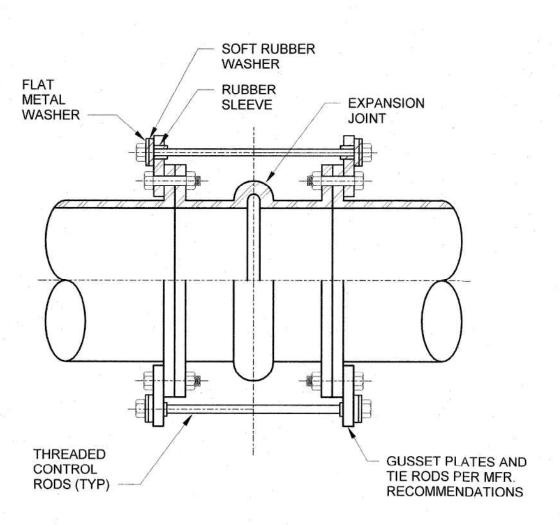


SHEET 3

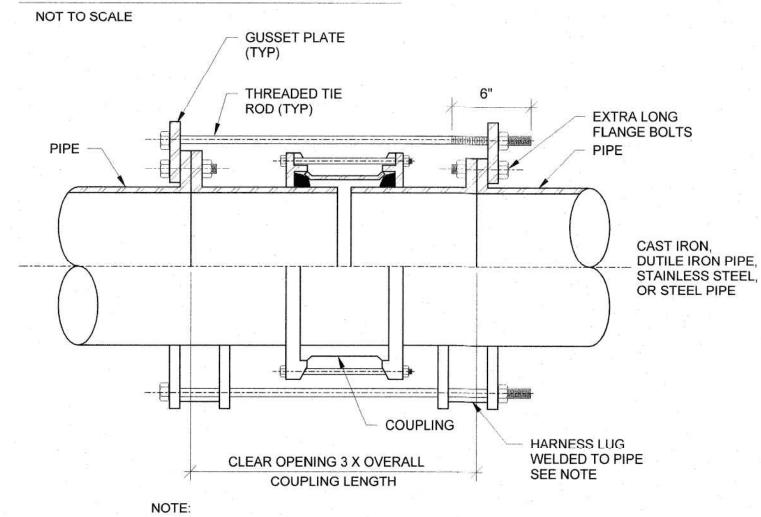
205-03-M-102-0





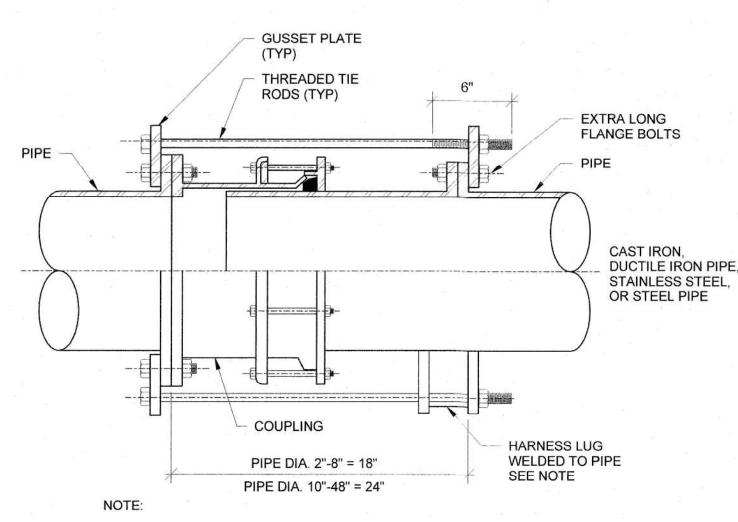


HARNESS EXPANSION **COUPLING DETAIL**



THE NUMBER OF TIE RODS, HARNESS LUG CONFIGURATION AND MATERIAL THICKNESS SHALL BE IN ACCORDANCE WITH AWWA M-11, STEEL PIPE - A GUIDE FOR DESIGN AND

HARNESSED FLEXIBLE COUPLING DETAIL NOT TO SCALE



THE NUMBER OF TIE RODS, HARNESS LUG CONFIGURATION AND MATERIAL THICKNESS SHALL BE IN ACCORDANCE WITH AWWA M-11, STEEL PIPE - A GUIDE FOR DESIGN AND INSTALLATION.

IN CHARGE OF C. CATCHPOLE CHECKED BY A. CHAMBERS

HARNESSED FLANGED **COUPLING ADAPTER DETAIL** NOT TO SCALE

5'-6" REMOVABLE FRP 2'-0" ALUM. SEAT ANGLE FRAME 3-1/2" DIA, BOLTS -1/2" PLATE W/3/4" DIA. HOLES 2" C TO C 3"x1/2" BAR 8" L CHANNEL WELD TO 1/2" PLATE FLUSH SCREWS 2-1/2"DIA. BOLTS 2" C TO C 3 SETS REQ`D. 1/8" THICK PLATE 2-1/2"DIA. ADHESIVE ANCHOR BOLTS 3 1/2" C. TO C. W/ 3 1/2" EMBEDMENT 3"x1/2" BAR 7" C TO C 3 1/2" C TO C FOR MANUAL SCREEN/ 8 L 2.5 1/2" STEEL PLATE BOLTED TO 1/2" PLATE CUT TO FIT. WALL (TYP. BOTH SIDES) WELDED TO ALL ABUTTING BARS **FLOW** 5"x1/2" BARS 1/2" PLATE WELD TO 8" L WELDED TO ALL CHANNEL CUT TO FIT BAR SCREEN CHANNEL SCREEN BARS 3"x1/2" BAR WELDED TO ALL SIDES #4@12" W/4" EMBEDMMENT SAWCUT AND REMOVE 12"W X 6"H PORTION OF EXISTING INTO EXIST CONC (TYP) **BOTTOM OF CHANNEL** CONCRETE AND REFILL 3/8" DIA. X 3" LONG ARC WELD ROUGHEN AND APPLY EPOXY BONDING AGENT PRIOR TO

> MANUAL BAR SCREEN MATERIAL SHALL BE TYPE 316 STAINLESS STEEL WITH 7/8 INCH CLEAR SPACING.

CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFY EXISTING MANUAL BAR SCREEN DIMENSIONS AND MATCH ACCORDINGLY

MANUAL BAR SCREEN DETAIL

STUD 18" O.C. -

NOT TO SCALE

NOT TO SCALE

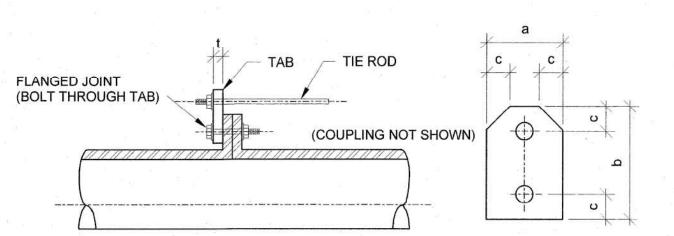
CHANNEL **OPENING WIDTH** 1/4 B.F. FRAME 3-1/2 STUD ANCHOR GATE - OPENING **WIDTH** HORIZONTAL SLIDE REINFORCEMENT SST COVER BAR 63/4 UHMW GUIDE BAR RUBBER COMPRESSION CORE/ PAD 1/4 SLIDE PLATE **ANCHOR TAB** ADJUSTING AND ASSEMBLY BOLT SIDE SECTION

SLIDE GATE CHANNEL MOUNT DETAIL

POURING NEW CONCRETE

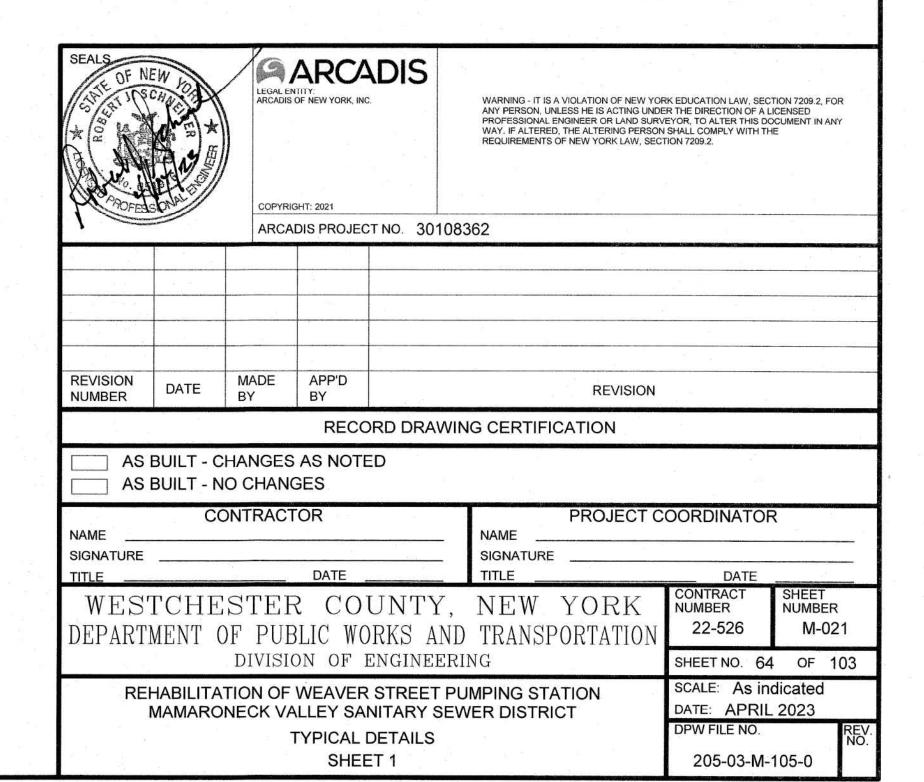
CHANNEL OPENING TOP CONCRETE WIDTH 4 1/2" **ANCHOR** STEM **GATE STIFFENER** UHMW POLY-LINER (AS REQUIRED) **NEOPRENE GATE BOTTOM SEAL BOTTOM OF** CHANNEL **ANCHOR GROUT OPENING** 1" GROUT OR APPROVED GASKET MATERIAL PER INVERT (FLUSH BOTTOM) **MANUFACTURERS** RECOMMENDATION WALL MOUNTED SLIDE GATE DETAIL

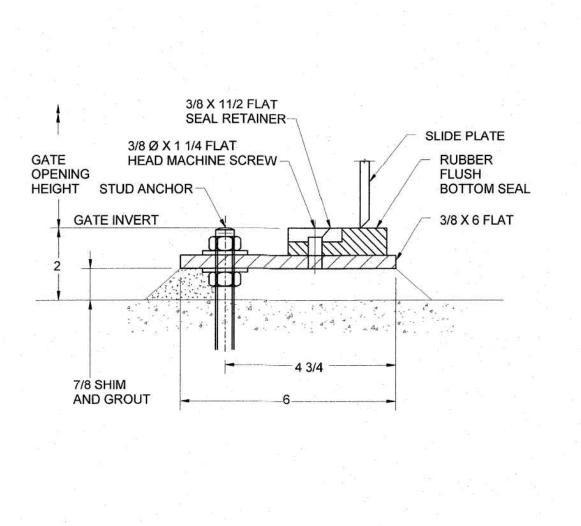
NOT TO SCALE



OPERATOR

TIED COUPLING REQUIRMENTS DETAIL





INVERT DETAIL

D. PAPASTATHIS

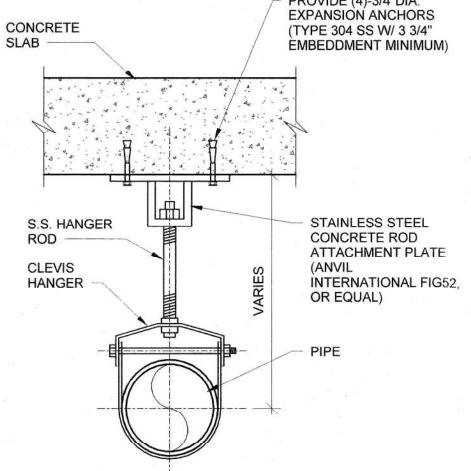
DETAIL NOTE:

- TYPE 1 MECANICAL SEAL REQUIRED. TYPE 2 - MECHANICAL SEAL NOT REQUIRED.
- PROVIDE FIRE RATED MECHANICAL SEAL AS REQUIRED.

TYPICAL FLOOR CORE DETAIL

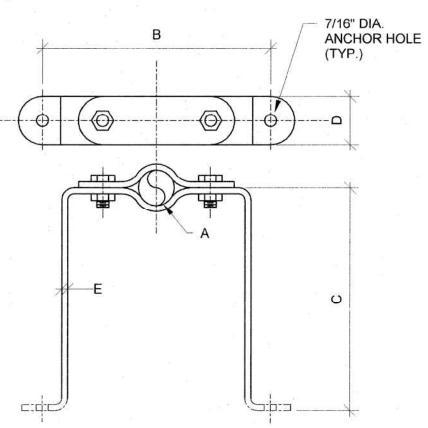
NOT TO SCALE





TYPICAL CLEVIS HANGER SUPPORT DETAIL

NOT TO SCALE

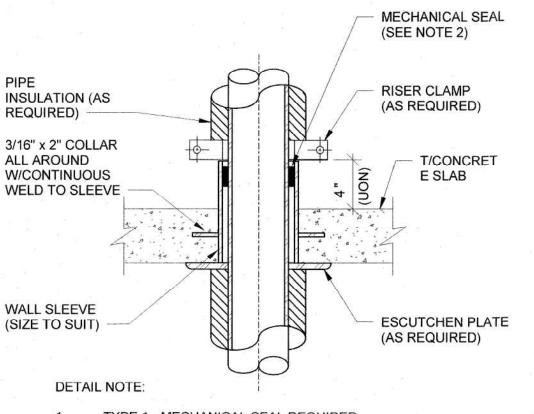


DIM.	PIPE SIZE			
Α	1/2"-2"	2"-4"	4"-6"	
В	6 1/4"	10"	14"	
С	6"-10"	6"-12"	8"-16"	
D	1 1/4"	2"	3"	
E	3/16"	5/16"	3/8"	
C/C SPACING	4'-0"	6'-0"	8'-0"	

OFFSET CLAMP PIPE

NOT TO SCALE

D. PAPASTATHIS C. CATCHPOLE CHECKED BY A. CHAMBERS



TYPE 1 - MECHANICAL SEAL REQUIRED TYPE 2 - MECHANICALL SEAL NOT REQUIRED.

NOT TO SCALE

CONCRETE SLAB

STANCHION PIPE

SUPPORT DETAIL

NOT TO SCALE

PROVIDE FIRE RATED MECHANICAL SEALS AS REQUIRED.

TYPICAL FLOOR SLEEVE DETAIL

PIPE SADDLE

W/U-BOLT

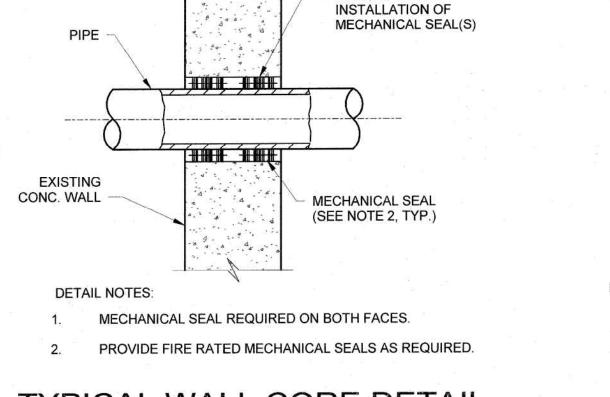
BASE PLATE

W/ANCHORS)

1"NON-SHRINK

GROUT

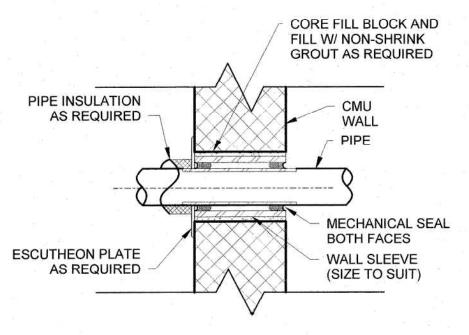
(BOLT TO FLOOR



CORE DRILL TO DIAMETER

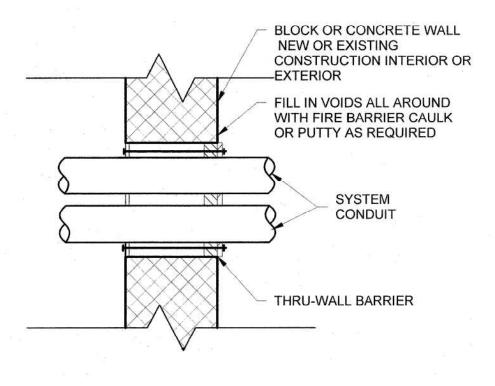
REQUIRED FOR

TYPICAL WALL CORE DETAIL

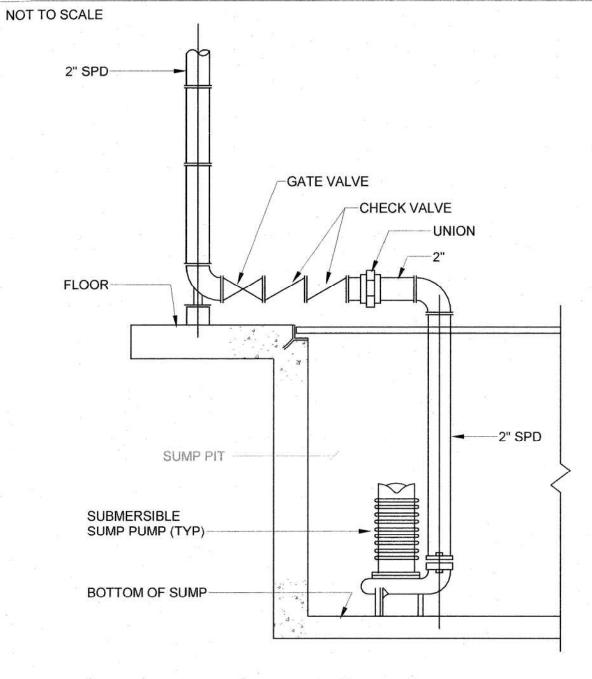


TYPICAL WALL SLEEVE DETAILS

NOT TO SCALE







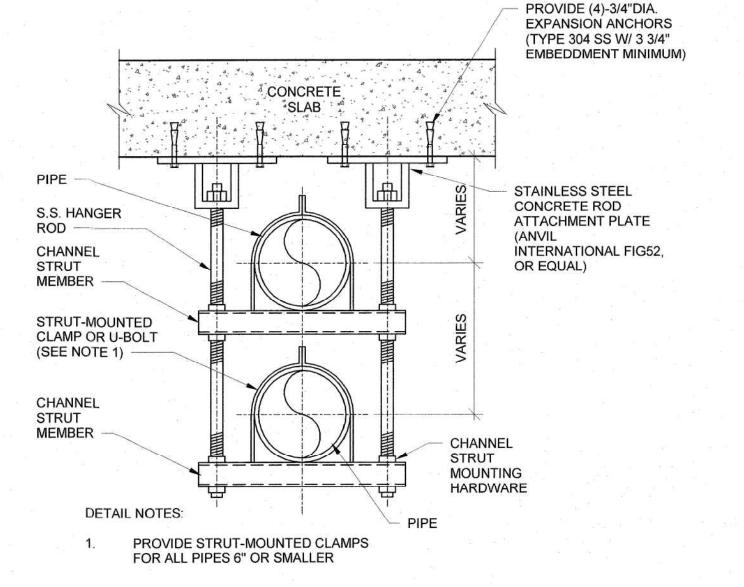
SIMPLEX SUMP PUMP NOT TO SCALE

VARIES U-BOLT WELDED BRACKET 1"NON-SHRINK **GROUT** ANCHOR (TYP.)

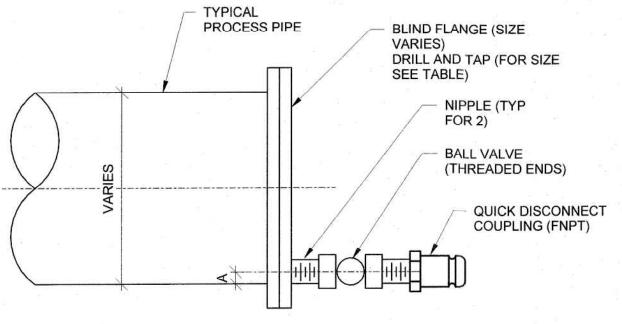
WALL BRACKET SUPPORT DETAIL NOT TO SCALE

CONCRETE OR

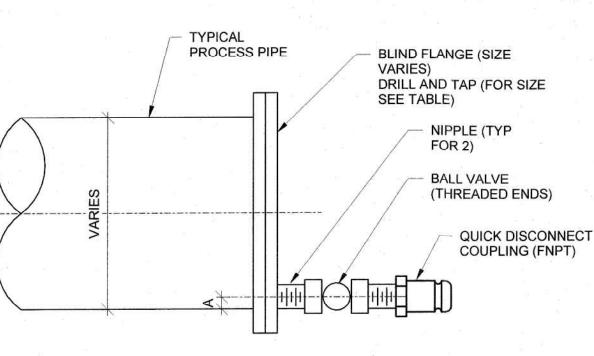
MASONRY WALL



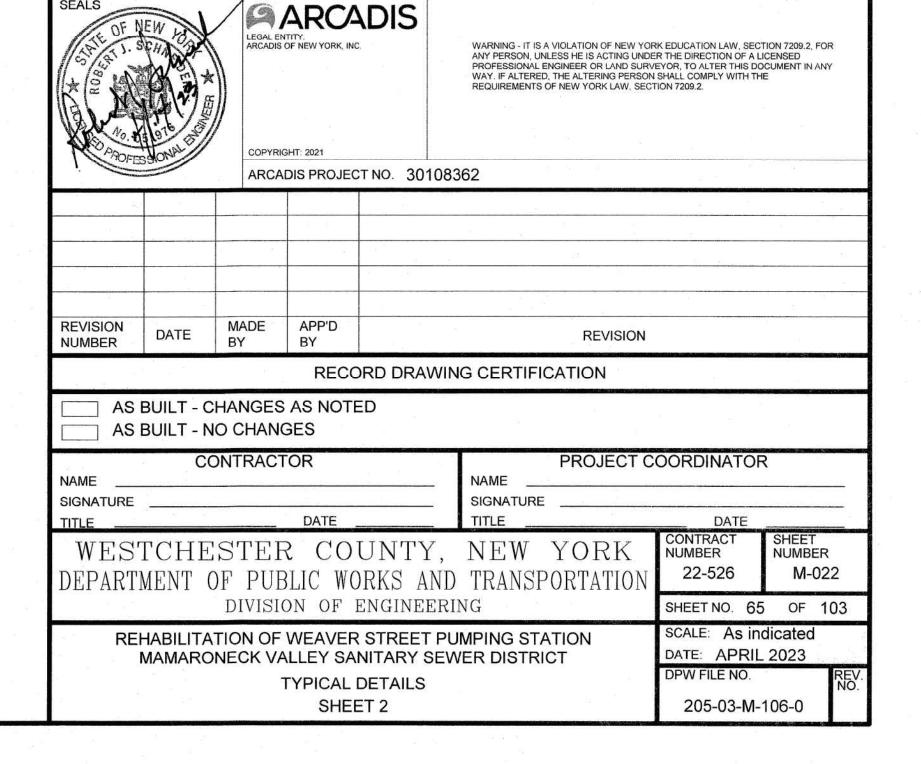
TRAPEZE PIPE SUPPORT DETAIL NOT TO SCALE



PROCESS PIPE SIZE	DRAIN SIZE	DIM "A"	NIPPLE LENGTH
UP TO 10"	1 1/2"	1"	3"
12" TO 20"	2"	1"	3"
22" & LARGER	2 1/2"	1 1/2"	4"



FLUSH	ING/DRAIN CONNECTION W/
QUICK	DISCONNECT COUPLING DETAIL
NOT TO SCALE	



SUPPORT DETAIL