

PLUMBING GENERAL NOTES:

1. ALL DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND JOB CONDITIONS IN THE FIELD. HE SHALL NOTIFY THE DESIGNER OF RECORD ANY DISCREPANCIES PRIOR TO SUBMITTING SHOP DRAWINGS OR PLACING ORDERS FOR EQUIPMENT DURING THE COURSE OF THE CONTRACT.
2. REMOVE FIXTURES AND WASTE, VENTS, AND WATER PIPING THAT ARE EITHER BEING ELIMINATED OR BEING RECONFIGURED. PROVIDE NEW FIXTURES AND WASTE, VENT, COLD WATER & HOT WATER PIPING TO SUIT THE NEW LAYOUTS. ALL INSTALLED IN CONFORMANCE WITH THE NEW YORK STATE PLUMBING CODE AND BUILDING CODE.
3. THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING OF THE EXISTING STRUCTURE AS REQUIRED. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ENGINEER WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO PERFORM THE WORK INTENDED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR IS TO CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ENGINEER.
4. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER EXECUTED IN ACCORDANCE WITH THE BEST ACCEPTED TRADES PRACTICES.
5. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING ITEMS TO REMAIN AND IS TO REPAIR OR REPLACE ANY ITEM DAMAGED DURING THE COURSE OF WORK TO THE SATISFACTION AND APPROVAL OF THE ENGINEER WITHOUT ANY ADDITIONAL COST TO THE OWNER.
6. REMOVE ALL EXISTING HYDRANTS/HOSE BIBBS THAT ARE NOT SHOWN ON THE DRAWING. PROVIDE REQUIRED NEW CONNECTIONS TO HYDRANTS.
7. ALL SURFACES DAMAGED IN THE COURSE OF THE WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
8. EQUIPMENT SCHEDULES DO NOT CONSTITUTE A COMPLETE IDENTIFICATION OF THE EQUIPMENT. REFER TO ALL DRAWINGS AND SPECIFICATIONS.
9. ALL NEW AND EXISTING EQUIPMENT / FIXTURES SHALL BE INSTALLED AND ADJUSTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
10. ALL NEW AND EXISTING EQUIPMENT SHALL BE ARRANGED TO PERMIT EASY ACCESS FOR MAINTENANCE.
11. ALL BRACKETS, PLATES, CHANNELS, ETC. SHALL BE GALVANIZED, UNLESS OTHERWISE SPECIFIED.
12. ALL GALVANIZED PARTS SHALL BE PAINTED AS PER SPECIFICATIONS.
13. OPENINGS AROUND PIPE PASSING THRU EXTERIOR WALLS OR ROOF OF THE BUILDING OR THRU THE WALLS AND FLOORS OF INTERIOR ROOMS REQUIRED TO HAVE A FIRE RATING SHALL BE SEALED USING LINK-SEAL MODEL FS OR EQUAL, FOR USE IN A CORE-BIT DRILLED HOLE.
14. ALL WATER PIPING SHALL BE TESTED PER SPECIFICATIONS AND NYS PC BEFORE INSULATION IS PLACED ON THE PIPE.
15. ALL NEW AND EXISTING WATER PIPING SHALL BE INSULATED.
16. PROVIDE CLEANOUTS AS SHOWN ON DRAWINGS & AS REQUIRED PER NY STATE BUILDING CODE.
17. EXACT POSITIONING OF PLUMBING FIXTURES SHALL BE COORDINATED WITH ARCHITECTURAL AND STRUCTURAL FLOOR PLANS.
18. WHEN IT IS INDICATED, ON A DRAWING, TO CONNECT NEW PIPES TO EXISTING PIPES, CLEAN OUT EXISTING WITH THE REQUIRED WATER PRESSURE (100 PSI MIN.) BEFORE, DURING AND AFTER CONSTRUCTION UNTIL IT HAS PROPER FLOW FOR THE RESPECTIVE PIPE SIZE AND SHALL BE WITNESSED BY THE ENGINEER.
19. CONSTRUCTION, SPACING OF HANGERS AND SUPPORTS, AND SEISMIC SUPPORTS SHALL BE IN ACCORDANCE WITH NYS PC.
20. INDIRECT WASTE AND PIPING SHALL BE AS REQUIRED IN CHAPTER 8 OF THE NYS PC.

GENERAL DEMOLITION NOTES:

1. THE CONTRACTOR SHALL PROTECT EXISTING EQUIPMENT AND PROPERTY DURING CONSTRUCTION. REPAIR OR REPLACE, WITHOUT ADDITIONAL CHARGE TO THE OWNER, ANY EXISTING WORK DAMAGED DURING THE COURSE OF CONSTRUCTION.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND SPECIFICATIONS TO DETERMINE THE EXTENT OF EXCAVATION AND DEMOLITION.
3. ANY DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND EXISTING CONDITIONS, EXISTING CONDITIONS TO REMAIN, TEMPORARY CONSTRUCTION AND PERMANENT CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING. ITEMS ENCOUNTERED IN AREAS OF EXCAVATION THAT ARE NOT INDICATED ON THE DRAWINGS, BUT ARE VISIBLE ON SURFACE, SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REMOVED AT NO ADDITIONAL COST TO THE OWNER.
4. ALL EXISTING SITE FEATURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD. ANY FEATURES DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.
5. THE CONTRACTOR SHALL PROVIDE SAFETY AND DUST PROOF BARRIERS FROM ALL OCCUPIED AREAS DURING THE ENTIRE CONSTRUCTION PERIOD. ALL SURFACES, FURNISHINGS, EQUIPMENT, ETC. ADJACENT TO DEMOLITION AREAS SHALL BE PROTECTED FROM DAMAGE.
6. THE OWNER HAS FIRST RIGHT OF ALL MATERIALS REMOVED AS A RESULT OF THE DEMOLITION OF EXISTING CONDITIONS. ANY OR ALL NON-CLAIMED ITEMS BY THE OWNER ARE THE RESPONSIBILITY OF THE CONTRACTOR TO BE REMOVED AND PROPERLY DISPOSED OF FROM THE SITE.

DISCLAIMER NOTES:

THIS PLAN IS APPROVED ONLY FOR THE WORK INDICATED ON DRAWINGS AND SPECIFICATIONS. ALL OTHER MATTERS ARE NOT TO BE RELIED UPON , OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

ALL CONTRACTORS ARE RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH THE WORK OF OTHER TRADESMEN. ALL DRAWINGS RELATED TO THE CONSTRUCTION OF THIS PROJECT, AS ENUMERATED ON SHEET G-001, ARE HEREIN REFERENCED FOR COORDINATION PURPOSES. ALL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE COMPLETE SET OF DOCUMENTS AND SPECIFICATIONS FOR THIS PURPOSE. NO CHANGE ORDERS OR ADDITIONS TO THE CONTRACT SUM SHALL BE ENTERTAINED FOR LACK OF COORDINATION BETWEEN TRADES

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NY STATE.

PLUMBING FIXTURE SCHEDULE

MFG.	MARK	MODEL	MODEL #	COLOR	SEAT	OUTLET	FLUSH VALVE	FAUCET	CARRIER	NOTES
SLOAN	WC-1	ELONGATED WALL MOUNT	ST-2459	WHITE	CHURCH 295SSCT	4"	1 1/2" TOP INLET SPUD SLOAN SENSOR REGAL 111 SFSM-1.28	—	ZURN Z-1201	MOUNT AS PER ARCHITECTURAL ELEVATION
SLOAN	WC-1HC	ELONGATED WALL MOUNT	ST-2459	WHITE	CHURCH 295SSCT	4"	1 1/2" TOP INLET SPUD SLOAN SENSOR REGAL 111 SFSM-1.28	—	ZURN Z-1201	MOUNT AS PER ARCHITECTURAL ELEVATION
SLOAN	UR-1	STANDARD WASHDOWN	SU-1009	WHITE	—	2"	3/4" TOP INLET SPUD SLOAN SENSOR REGAL 186 SFSM-0.5	—	ZURN Z-1221	MOUNT AS PER ARCHITECTURAL ELEVATION
AMERICAN STANDARD	LAV-1	OVALYN UNDERCOUNTER SINK	0496.221	WHITE	—	1-1/4"	—	AMERICAN STANDARD INNSBROOK 6053.204 ELECT. BATT. PWRD VDL RESIST METERING FAUCET.	—	MOUNT PER ARCHITECTURAL ELEVATION. PROVIDE W/ GRID DRAIN #28743-PC, P-TRAP #28700-PC. PROVIDE LAVGUARDS ON EXPOSED DOMESTIC AND SANITARY PIPING. FAUCETS LOCATED IN SOUTH EVENT SPACE AND VENDOR SPACE PUBLIC TOILETS TO HAVE INTEGRATED THERMOSTATIC MIXING VALVE 605XTMV1070
AMERICAN STANDARD	LAV-1HC	OVALYN UNDERCOUNTER SINK	0496.221	WHITE	—	1-1/4"	—	AMERICAN STANDARD INNSBROOK 6053.204 ELECT. BATT. PWRD VDL RESIST METERING FAUCET	—	MOUNT PER ARCHITECTURAL ELEVATION. PROVIDE W/ GRID DRAIN #28743-PC, P-TRAP #28700-PC. PROVIDE LAVGUARDS ON EXPOSED DOMESTIC AND SANITARY PIPING. FAUCETS LOCATED IN SOUTH EVENT SPACE AND VENDOR SPACE PUBLIC TOILETS TO HAVE INTEGRATED THERMOSTATIC MIXING VALVE 605XTMV1070
AMERICAN STANDARD	LAV-2	LUCERNE WALL HUNG LAVATORY	0356.421	WHITE	—	1-1/4"	—	AMERICAN STANDARD INNSBROOK 6053.204 ELECT. BATT. PWRD VDL RESIST METERING FAUCET	ZURN Z-1231	MOUNT PER ARCHITECTURAL ELEVATION. PROVIDE W/ GRID DRAIN #28743-PC, P-TRAP #28700-PC. PROVIDE LAVGUARDS ON EXPOSED DOMESTIC AND SANITARY PIPING. FAUCETS LOCATED IN SOUTH EVENT SPACE AND VENDOR SPACE PUBLIC TOILETS TO HAVE INTEGRATED THERMOSTATIC MIXING VALVE 605XTMV1070
AMERICAN STANDARD	LAV-2HC	LUCERNE WALL HUNG LAVATORY	0356.421	WHITE	—	1-1/4"	—	AMERICAN STANDARD INNSBROOK 6053.204 ELECT. BATT. PWRD VDL RESIST METERING FAUCET	ZURN Z-1231	MOUNT PER ARCHITECTURAL ELEVATION. PROVIDE W/ GRID DRAIN #28743-PC, P-TRAP #28700-PC. PROVIDE LAVGUARDS ON EXPOSED DOMESTIC AND SANITARY PIPING. FAUCETS LOCATED IN SOUTH EVENT SPACE AND VENDOR SPACE PUBLIC TOILETS TO HAVE INTEGRATED THERMOSTATIC MIXING VALVE 605XTMV1070
E.L MUSTEE	MS-1	MOP SERVICE BASIN	63M	WHITE	—	3"	—	AMERICAN STANDARD EXPOSED YOKE WALL MOUNT UTILITY FAUCET 8344.212	—	24" x 24" x 10" , W/STRAINER
ELKAY	DF-1HC	EZH20 BI LEVEL BOTTLE FILLING STATION	EZSTLDDWSSK	STAINLESS STEEL	—	1-1/2"	—	—	—	MOUNT PER ARCHITECTURAL ELEVATION. PROVIDE NON FILTERED NON REFRIGERATED UNIT.
ELKAY	DF-2HC	EZH20 BI LEVEL OUTDOOR PEDESTAL BOTTLE FILLING STATION	LK4420BF1L	BY OWNER	—	1-1/2"	—	—	—	COLOR BY OWNER/ARCHITECT. PROVIDE NON FILTERED NON REFRIGERATED UNIT.
BRADLEY	SH-1	IN WALL SHOWER	—	STAINLESS STEEL	—	—	—	BRADLEY S15 STANDARD 1.5 GPM SHOWERHEAD	—	PROVIDE WITH BRADLEY 50B MECHANICAL PUSH BUTTON METERING VALVE.
BRADLEY	SH-2HC	ADA COMPLIANT IN WALL SHOWER	1C-AST-S15-A24	STAINLESS STEEL	—	—	—	BRADLEY S15 STANDARD 1.5 GPM SHOWERHEAD WITH HAND SHOWER	—	PROVIDE WITH BRADLEY AIR METERING VALVE FOR ADA COMPLIANCE. PROVIDE WITH HAND SHOWER WITH VACUUM BREAKER
OUTDOOR SHOWER COMPANY	SH-3HC	FREE STANDING SHOWER	BS-2000-ADA	STAINLESS STEEL	—	—	—	—	—	1.75 GPM SHOWER HEAD WITH METERED PUSH VALVE.
REGENCY SINKS	SK-1	WORK TABLE WITH SINK	600ST3048LFT	STAINLESS STEEL	—	1-1/2"	—	DECK MOUNTED FAUCET INCLUDED	—	—
JR SMITH	WH-1	COMMERCIAL BOXED WALL HYDRANTS	5518	BRONZE	—	—	—	—	—	3/4" HOSE CONNECTION. SELF DRAINING. INTEGRAL VACUUM BREAKER COMPLYING WITH ASSE 1011.

PLUMBING SYMBOL LEGEND:

-----	EX. SAN OR EX. W	EXISTING SANITARY OR WASTE PIPING ABOVE GRADE TO REMAIN
-----	EX. SAN OR EX. W	EXISTING SANITARY OR WASTE PIPING BELOW GRADE TO REMAIN
-----	EX. V	EXISTING SANITARY VENT PIPING TO REMAIN
-----	EX. ST	EXISTING STORM DRAINAGE PIPING TO REMAIN
-----	EX. CW	EXISTING COLD WATER PIPING TO REMAIN
-----	SAN OR W	NEW SANITARY OR WASTE PIPING ABOVE GRADE
-----	SAN OR W	NEW SANITARY OR WASTE PIPING BELOW GRADE
-----	V	NEW SANITARY VENT PIPING
-----	ST	NEW STORM DRAINAGE PIPING
-----	CW	NEW DOMESTIC COLD WATER PIPING
-----	HW	NEW DOMESTIC HOT WATER PIPING
-----	HWC	NEW DOMESTIC HOT WATER CIRCULATING PIPING
-----	TW	NEW TEMPERED WATER PIPING
-----		NEW CHECK VALVE
-----		NEW SHUT OFF/ BALL VALVE
-----	TMV	NEW THERMOSTATIC MIXING VALVE
-----		PIPE DROP
-----		PIPE RISE
-----	POC	POINT OF CONNECTION TO EXISTING PIPING
-----		PIPE BREAK
-----	CO	CLEAN OUT
-----	CODP	CLEAN OUT DECK PLATE
-----	FD	FLOOR DRAIN
-----		NEW EXPANSION JOINT

ENERGY ANALYSIS FOR ALTERATION – CLIMATE ZONE 4

ITEM DESCRIPTION	PROPOSED DESIGN VALUE	CODE PRESCRIPTIVE VALUE: REFERENCE – NYS ECC 2020	DRAWING REFERENCE
SERVICE WATER HEATING EQUIPMENT	SPECIFIED EQUIPMENT (ELECTRIC RESISTANCE TYPE ≥20 GAL & ≤ 55 GAL ) SL (%/HR) = 0.83  SPECIFIED EQUIPMENT (STORAGE WATER HEATER GAS >155,000 BTU/H; < 4000 BTU/H/GAL) E <sub>s</sub> = 96%	MINIMUM PERFORMANCE EFFICIENCY FOR ELECTRIC RESISTANCE WATER HEATERS WITH INPUT ≤ 12KW SHALL BE (0.3+27/√m) (√m=47) = 0.875  MINIMUM PERFORMANCE EFFICIENCY FOR STORAGE WATER HEATER GAS >155,000 BTU/H; < 4000 BTU/H/GAL E <sub>s</sub> = 80%	P-500
HEATED WATER CIRCULATING AND TEMPERATURE MAINTENANCE SYSTEMS	SPECIFIED CONTROL: AQUASTAT	HEATED WATER CIRCULATION SYSTEMS SHALL BE PROVIDED WITH A CIRCULATION PUMP. CONTROL FOR PUMP SHALL AUTOMATICALLY TURN ON/OFF BASED ON DEMAND FOR HOT WATER AND BY MEETING DESIRED TEMPERATURE.	P-500
PIPE INSULATION	TABLE C403.11.3 ON DRAWING FOR REFERENCE FOR MINIMUM INSULATION SIZING.	PIPING FROM A WATER HEATER TO THE TERMINATION OF THE HEATED WATER FIXTURE SUPPLY PIPE SHALL BE INSULATED IN ACCORDANCE WITH TABLE C403.11.3. (SECTION C404.4)	P-001  SPECIFICATION 224000
OPERATING AND MAINTENANCE MANUAL	PROVIDE MANUALS	PLUMBING CONTRACTOR SHALL PROVIDE OWNER WITH OPERATING AND MAINTENANCE MANUAL (SECTION C408.1.1)	SPECIFICATION 224000

ENERGY CODE COMPLIANCE NOTES:

1. THE ENERGY CODE INCORPORATES THE 2018 IECC AND ASHRAE 90.1-2016 BY REFERENCE. THE NEWLY ADOPTED ENERGY CODE WILL BECOME FORMALLY EFFECTIVE ON MAY 12, 2020. THERE WILL BE NO TRANSITION PERIOD.
2. THE DRAWING AND SPECIFICATION WHICH COMPRISE THE CONSTRUCTION DOCUMENT FOR THIS PROJECT ARE IN COMPLIANCE WITH THE LATEST EDITION OF THE 2020 NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE.

ABBREVIATIONS:

ABC	ABOVE CEILING	NTS	NOT TO SCALE
AD	AREA DRAIN		
AFF	ABOVE FINISHED FLOOR	POC	POINT OF CONNECTION
AHJ	AUTHORITIES HAVING JURISDICTION	RD	ROOF DRAIN
	AIR HANDLING UNIT	REF	REFERENCE
AHU APPROX	APPROXIMATE	REQ'D	REQUIRED
		REV	REVISION
		RPZ	REDUCED PRESSURE ZONE DEVICE
BLDG	BUILDING		
CLG	CEILING	SD	SHOWER DRAIN
CO	CLEANOUT	SH	SHOWER
CODP	CLEANOUT W/ DECKPLATE	SHT	SHEET
COND	CONDENSATE LINE	SK	SINK
CONST	CONSTRUCTION	SPECS	SPECIFICATION(S)
CONT	CONTINUATION	SF	SQUARE FEET
CW	DOMESTIC COLD WATER	ST	STORM DRAINAGE
DF	DRINKING WATER FOUNTAIN	TD	TRENCH DRAIN
DTL	DETAIL	TEL	TELEPHONE
DN	DOWN	TEMP	TEMPORARY
DWG(S)	DRAWING(S)	TW	TEMPERED WATER
		TYP	TYPICAL
EA	EACH		
EL	ELEVATION	UR	URINAL
ELEC	ELECTRICAL		
(E) OR (EX)	EXISTING	V	VENT
		V.I.F.	VERIFY IN FIELD
		V.T.R.	VENT THRU ROOF
F&d	FURNISH & INSTALL		
FD	FLOOR DRAIN		
FL	FLOOR	W	SANITARY WASTE
FT	FOOT/FEET	W/	WITH
		WC	WATER CLOSET
GH	GROUND HYDRANT	WCO	WALL CLEANOUT
HC	HANDICAP		
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING		
HW	DOMESTIC HOT WATER		
HWC	HOT WATER CIRCULATING		
HHW	HOT WATER HEATER		
INV	INVERT		
LAV	LAVATORY		
LDR	LEADER		
MAX	MAXIMUM		
MECH	MECHANICAL		
MEP	MECHANICAL, ELECTRICAL AND PLUMBING		
MFR	MANUFACTURER		
MIN	MINIMUM		
MS	MOP SINK		

PLUMBING FIXTURE CONNECTION SCHEDULE:

MARK	ITEM	H.W.	C.W.	140° H.W.	WASTE	VENT	GAS
DF-#	DRINKING FOUNTAIN	—	1/2"	—	2"	1 1/2"	—
LAV-#	LAVATORY	1/2"	1/2"	—	2"	1 1/2"	—
MS-#	MOP SINK	1/2"	1/2"	—	3"	1 1/2"	—
SK-#	SINK	1/2"	1/2"	—	2"	1 1/2"	—
UR-#	URINAL	—	3/4"	—	3"	1 1/2"	—
WC-#	WATER CLOSET	—	1"	—	4"	2"	—

[N] C106.2.3 PLUMBING SYSTEM

INSPECTIONS SHALL VERIFY THE TYPE AND SIZE OF INSULATION, R-VALUES, PROTECTION REQUIRED, CONTROLS AND HEAT TRAPS AS REQUIRED BY THE CODE, APPROVED PLANS AND SPECIFICATIONS.

SCHEDULE OF PROGRESS INSPECTIONS

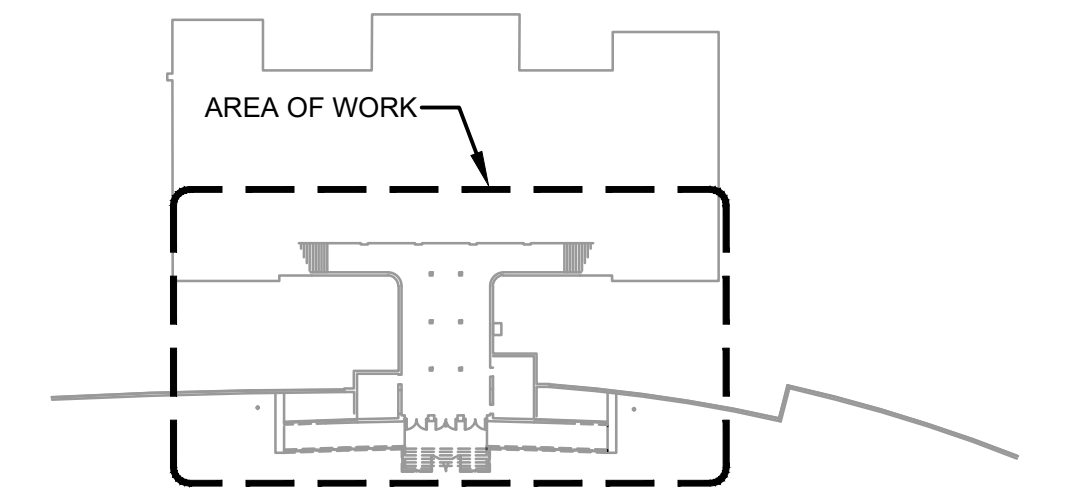
CODE REFERENCE (ASHRAE 90.1)	INSPECTION DESCRIPTION
7.4.2	SERVICE WATER HEATING EQUIPMENT MEETS EFFICIENCY REQUIREMENTS.
7.4.4.1	TEMPERATURE CONTROLS INSTALLED ON SERVICE WATER HEATING SYSTEMS (<=120°F TO MAXIMUM TEMPERATURE FOR INTENDED USE).
7.4.4.2	AUTOMATIC TIME SWITCHES INSTALLED TO AUTOMATICALLY SWITCH OFF THE RECIRCULATING HOT-WATER SYSTEM OR HEAT TRACE.
7.4.6	HEAT TRAPS INSTALLED ON NON-CIRCULATING STORAGE WATER TANKS.

SCHEDULE OF FINAL INSPECTIONS

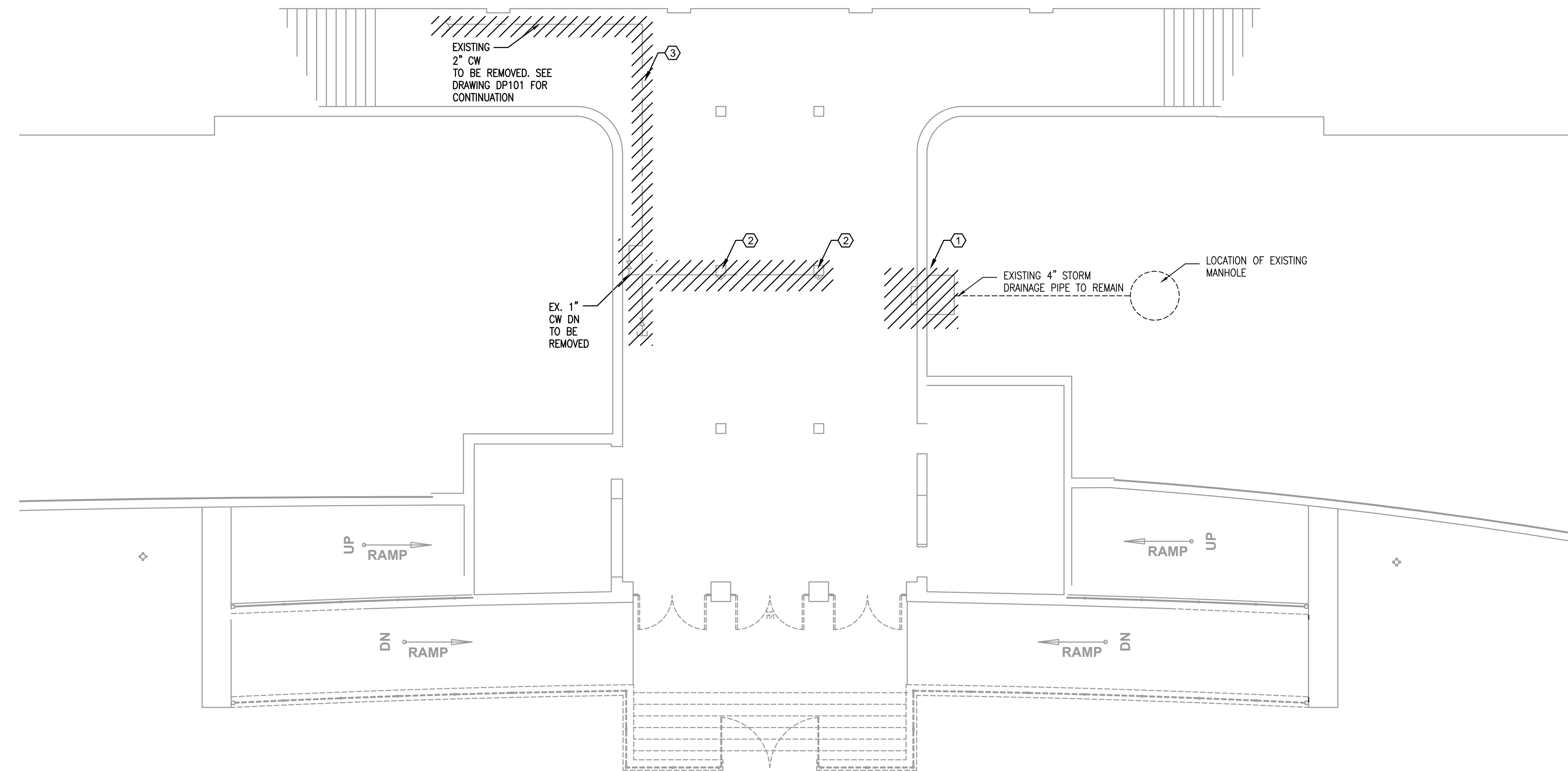
CODE REFERENCE (ASHRAE 90.1)	INSPECTION DESCRIPTION
7.4.3	FIRST 8 FT OF OUTLET PIPING IN NONRECIRCULATING STORAGE SYSTEM, OR BRANCH PIPING CONNECTED TO RECIRCULATED, HEAT TRACED, OR IMPEDANCE HEATED PIPING IS INSULATED.
7.4.4.3	PUBLIC LAVATORY FAUCET TEMPERATURE < = 110°F
7.4.4.4	CONTROLS ARE INSTALLED THAT LIMIT THE OPERATION OF A RECIRCULATION PUMP INSTALLED TO MAINTAIN TEMPERATURE OF A STORAGE TANK.

 4 WEST RED OAK LANE WHITE PLAINS, NY, 10604 (914)467-5300		UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.						RECORD DRAWING CERTIFICATION		WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-001</b>		
		IN CHARGE OF <u>JHM</u>							CONTRACTOR			PROJECT COORDINATOR			
		CHECKED BY <u>CAL</u>							NAME _____		NAME _____				
		MADE BY <u>PAD</u>							SIGNATURE _____		SIGNATURE _____				
									TITLE _____ DATE _____		TITLE _____ DATE _____				
												REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK <b>PLUMBING SYMBOLS, NOTES &amp; ABBREVIATIONS</b>		SCALE: AS NOTED DATE: <b>NOVEMBER 10, 2020</b>	REV. NO. <b>0</b>
												SHEET NO. 108 OF 201		DPW FILE NO. 1-19-P-465	





**KEY PLAN**  
NOT TO SCALE



**DEMOLITION NOTES**

1. EXISTING SUMP PUMP AND ALL ASSOCIATED PIPING TO BE REMOVED. DISCONNECT AND MAKE SAFE PRIOR TO REMOVAL.
2. EXISTING FOOT WASH STATIONS AND ASSOCIATED PIPING TO BE REMOVED.
3. EXISTING 2" CW LINE AND ASSOCIATED HANGERS AND SUPPORTS TO BE REMOVED. SEE DRAWING DP-101 FOR CONTINUATION

**1 PLUMBING DEMOLITION PLAN - TUNNEL**  
DP100 SCALE: 1/8" = 1'-0"

PROJECT NORTH

**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.

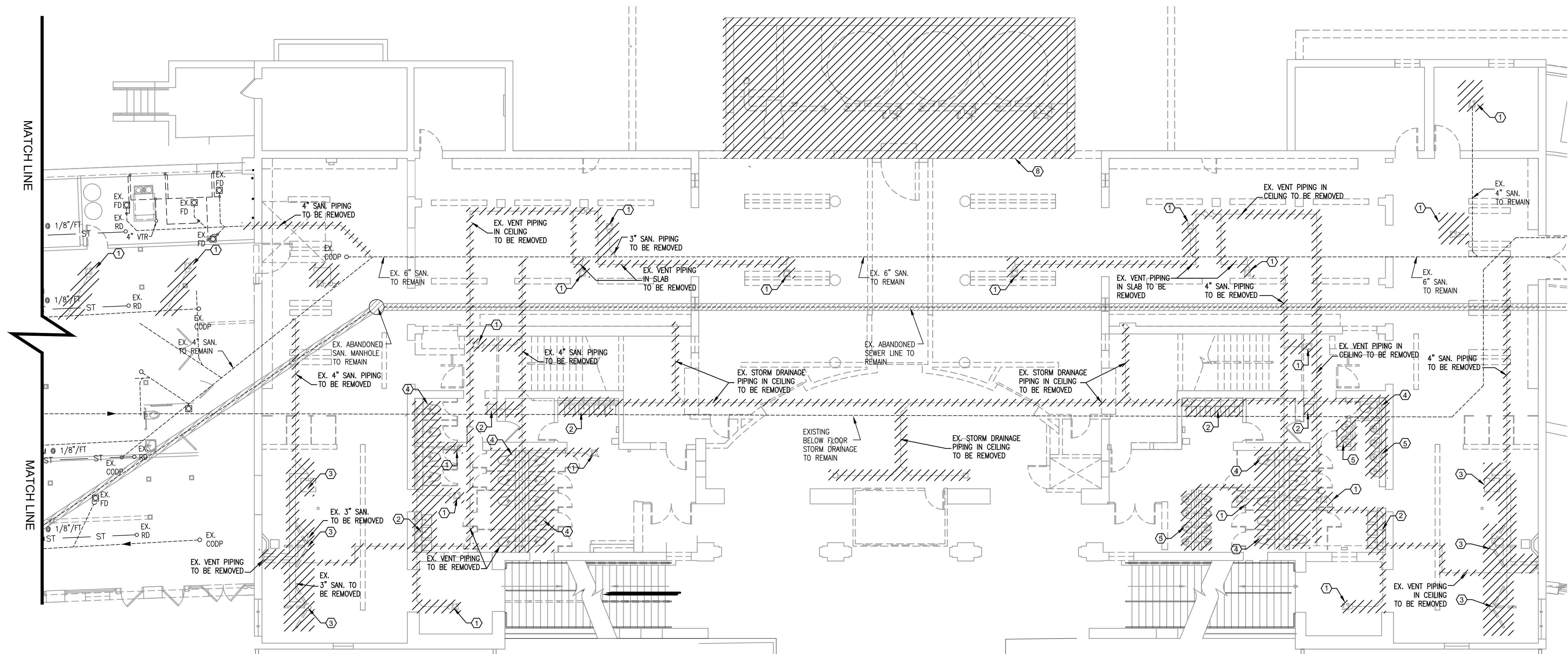
IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

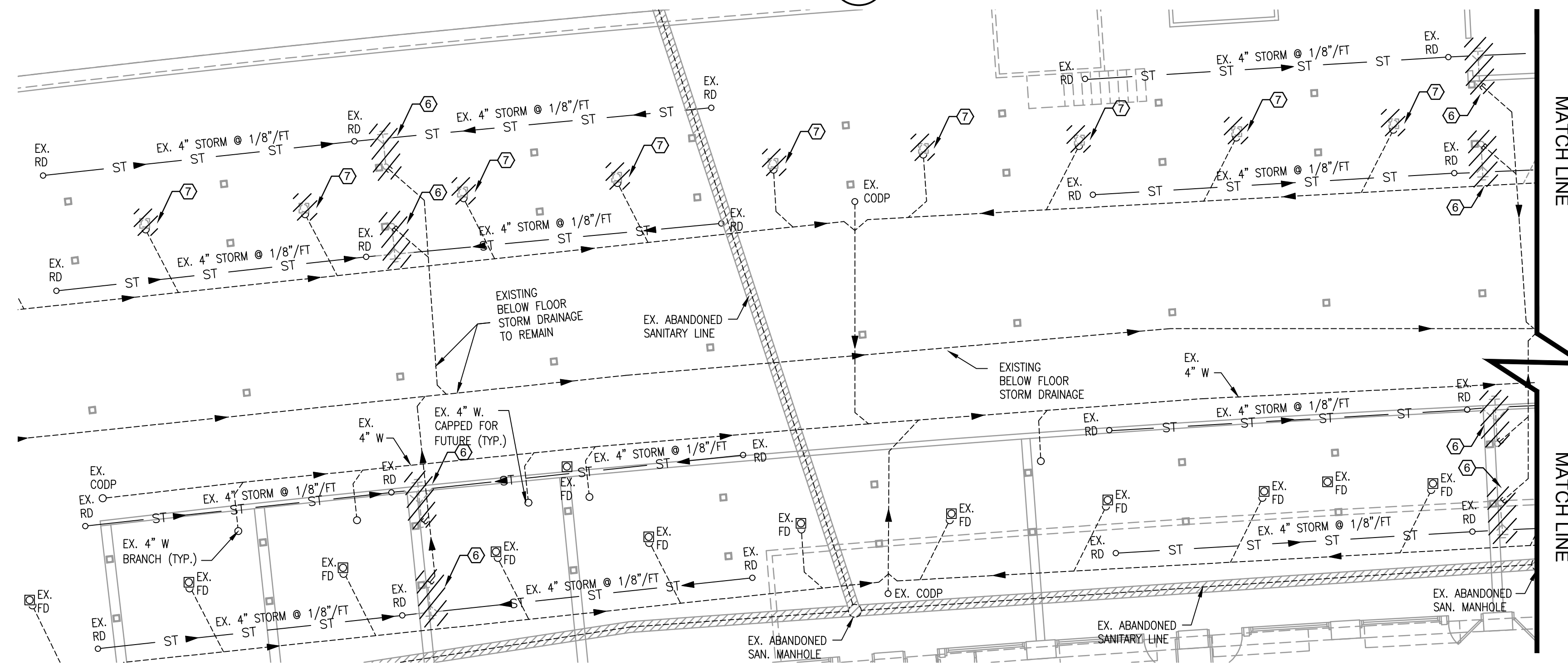
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>DP-100</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK <b>PLUMBING DEMOLITION PLAN TUNNEL</b>		SHEET NO. 109 OF 201	
SCALE: AS NOTED DATE: <b>NOVEMBER 10, 2020</b> DPW FILE NO. 1-19-P-466		REV. NO. <b>0</b>	





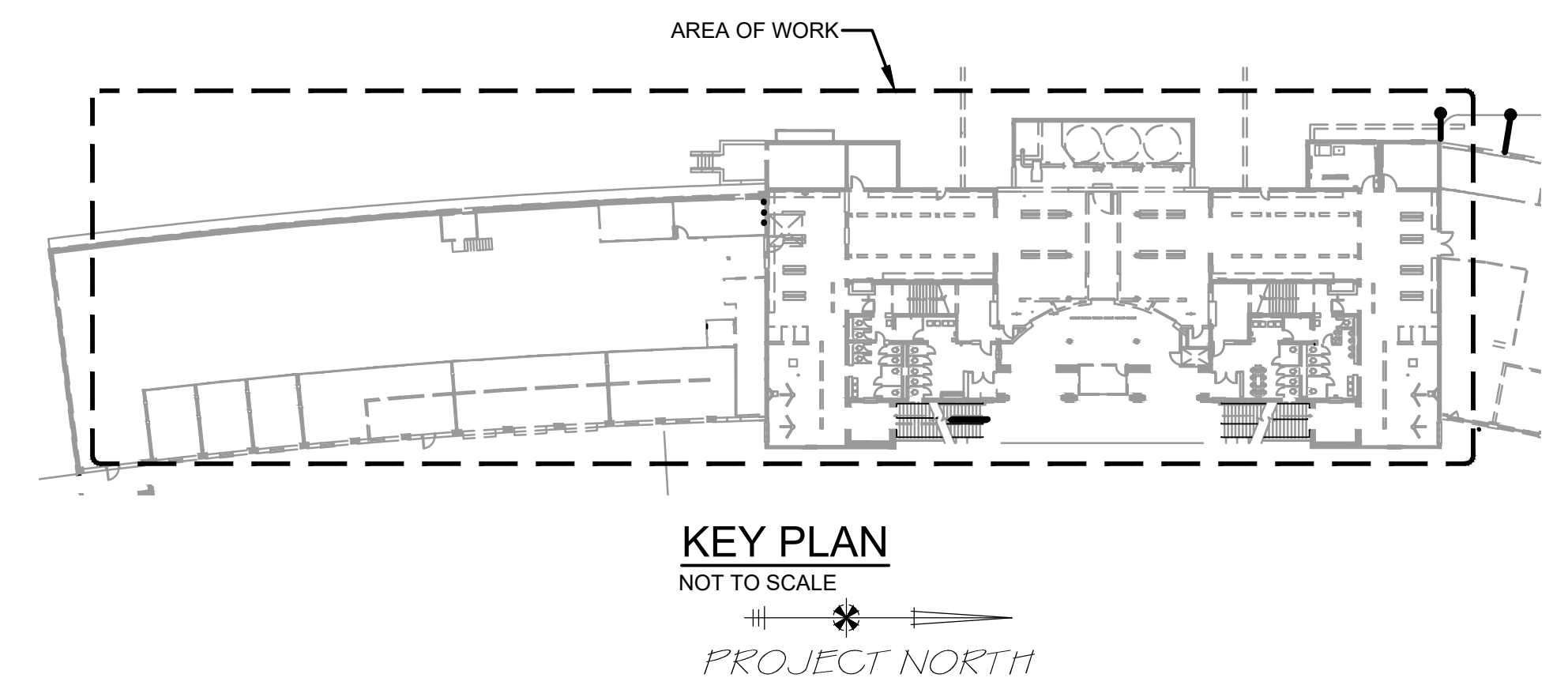
1 PARTIAL SANITARY PLUMBING DEMOLITION PLAN OF BATHHOUSE LEVEL  
DP101 SCALE: 1/8" = 1'-0"



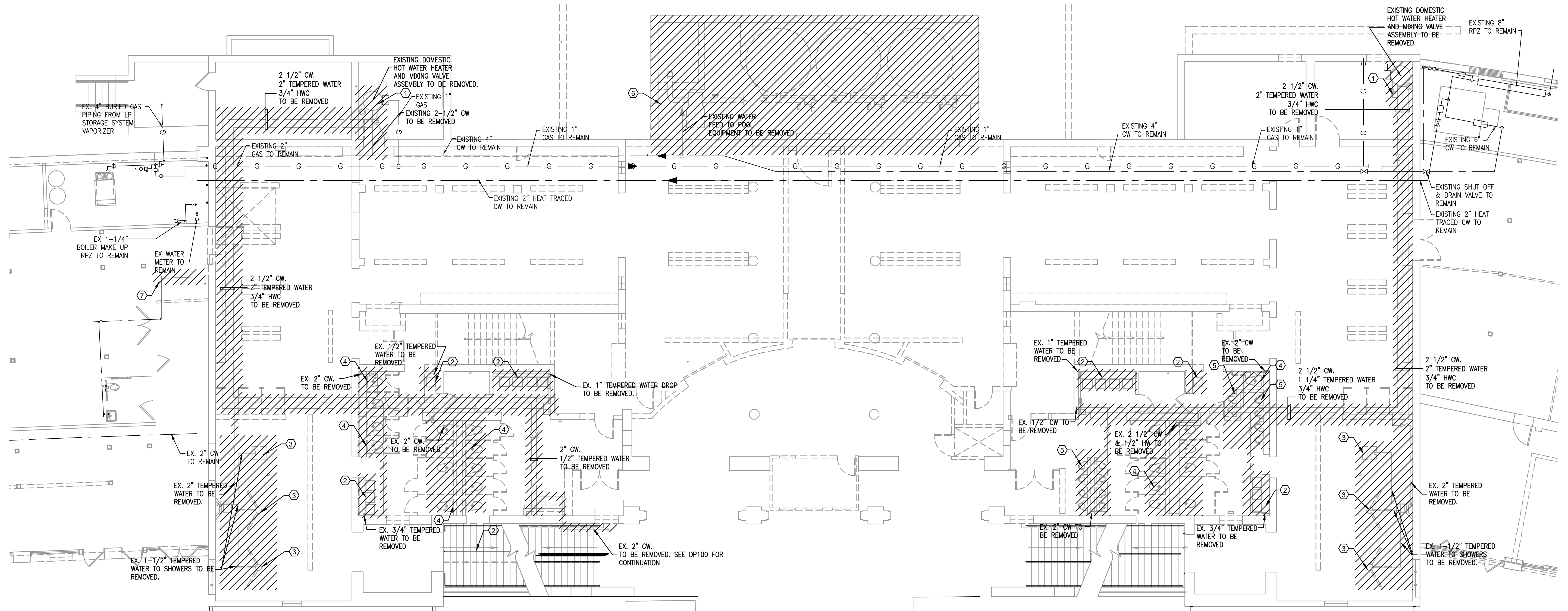
2 PARTIAL SANITARY PLUMBING DEMOLITION PLAN OF BATHHOUSE LEVEL  
DP101 SCALE: 1/8" = 1'-0"

### PLUMBING DEMOLITION NOTES

- EXISTING FLOOR DRAIN TO BE REMOVED. ALL ASSOCIATED PIPING (WASTE, VENT, WATER) TO BE REMOVED.
- EXISTING SINKS AND ALL ASSOCIATED WASTE AND VENT PIPING AND WALL CARRIERS TO BE REMOVED
- EXISTING SHOWER UNITS AND UNDERGROUND VALVE CONNECTION BOX FOR FUTURE SHOWER TO BE REMOVED. ALL ASSOCIATED WASTE AND VENT PIPING TO BE REMOVED.
- EXISTING TOILETS AND ALL ASSOCIATED WASTE AND VENT PIPING & CARRIERS TO BE REMOVED
- EXISTING URINALS AND ALL ASSOCIATED WASTE AND VENT PIPING & CARRIERS TO BE REMOVED
- EXISTING EXPOSED STORM PIPING IN CEILING TO BE REMOVED AT LOCATION SHOWN AND LEADER DOWN TO BE CUT AND CAPPED
- EXISTING FLOOR DRAIN TO BE RAISED TO NEW FINISHED FLOOR. MAKE ALL ALTERATIONS TO PIPING REQUIRED TO MEET NEW FINISHED FLOOR.
- CONTRACTOR TO REMOVE ALL PIPING, PUMPS, DRAINS AND ACCESSORIES IN EXISTING POOL FILTER ROOM.



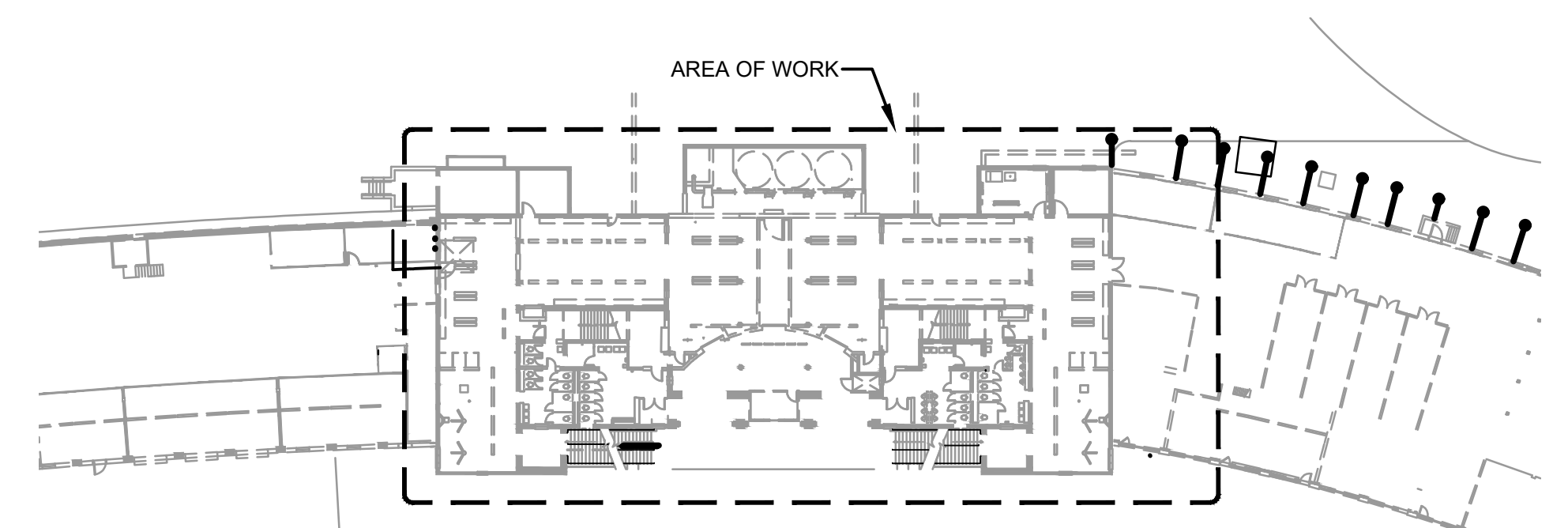




1 PARTIAL DOMESTIC PLUMBING & GAS DEMOLITION PLAN OF BATHHOUSE LEVEL  
DP102 SCALE: 1/8" = 1'-0"

PLUMBING DEMOLITION NOTES

- EXISTING HOT WATER HEATER AND ALL ASSOCIATED WATER PIPING, CIRCULATOR PUMPS, THERMOSTATIC MASTER MIXING VALVE AND VENT PIPING TO BE REMOVED. EXISTING GAS PIPING TO BE DISCONNECTED AND SAFED OFF PRIOR TO REMOVAL.
- EXISTING SINKS AND ALL ASSOCIATED WATER PIPING AND WALL CARRIERS TO BE REMOVED
- EXISTING SHOWER UNITS AND UNDERGROUND VALVE CONNECTION BOX FOR FUTURE SHOWER TO BE REMOVED. ALL ASSOCIATED WATER PIPING TO BE REMOVED.
- EXISTING TOILETS AND ALL ASSOCIATED WATER PIPING & CARRIERS TO BE REMOVED
- EXISTING URINALS AND ALL ASSOCIATED WATER PIPING & CARRIERS TO BE REMOVED
- CONTRACTOR TO REMOVE ALL PIPING, PUMPS, WATER PIPING AND ACCESSORIES IN EXISTING POOL FILTER ROOM. ALL PIPING FEEDING EXISTING POOL EQUIPMENT SHALL BE CUT BACK TO THE MAIN.
- CONTRACTOR TO REMOVE 2" CW TIE IN FROM CONCESSION LINE TO BATHROOM.



KEY PLAN

NOT TO SCALE



**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300

CONSULTANT SEAL



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.

IN CHARGE OF JHM  
CHECKED BY CAL  
MADE BY PAD

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

- ☐ AS BUILT - CHANGES AS NOTED  
☐ AS BUILT - NO CHANGES

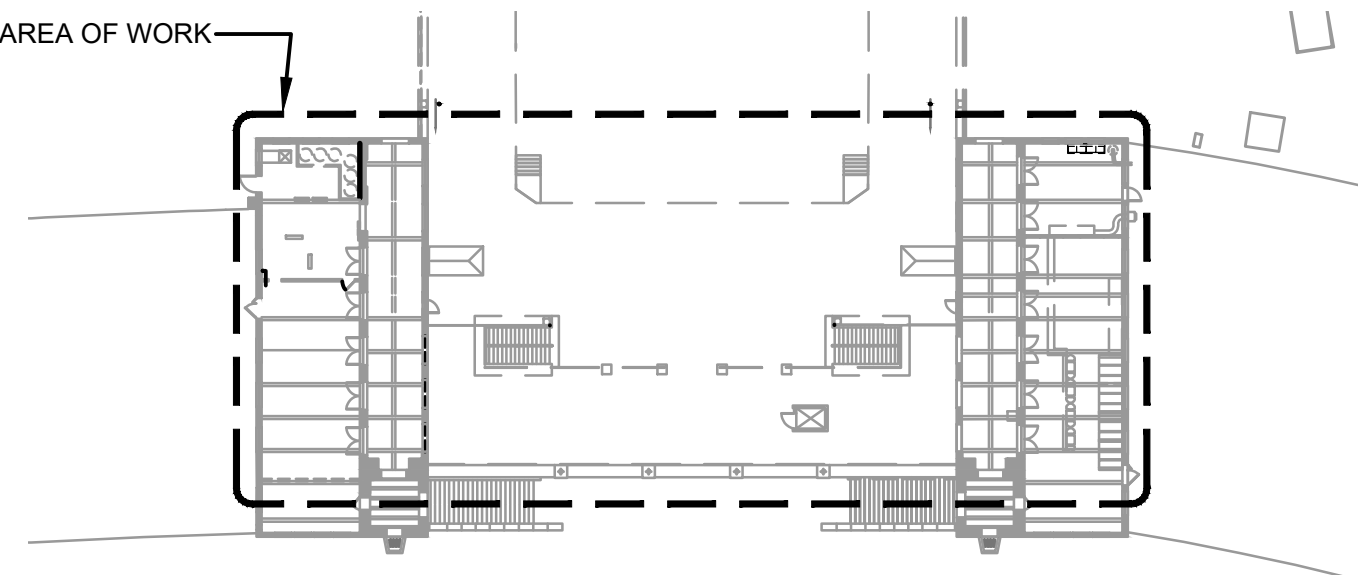
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

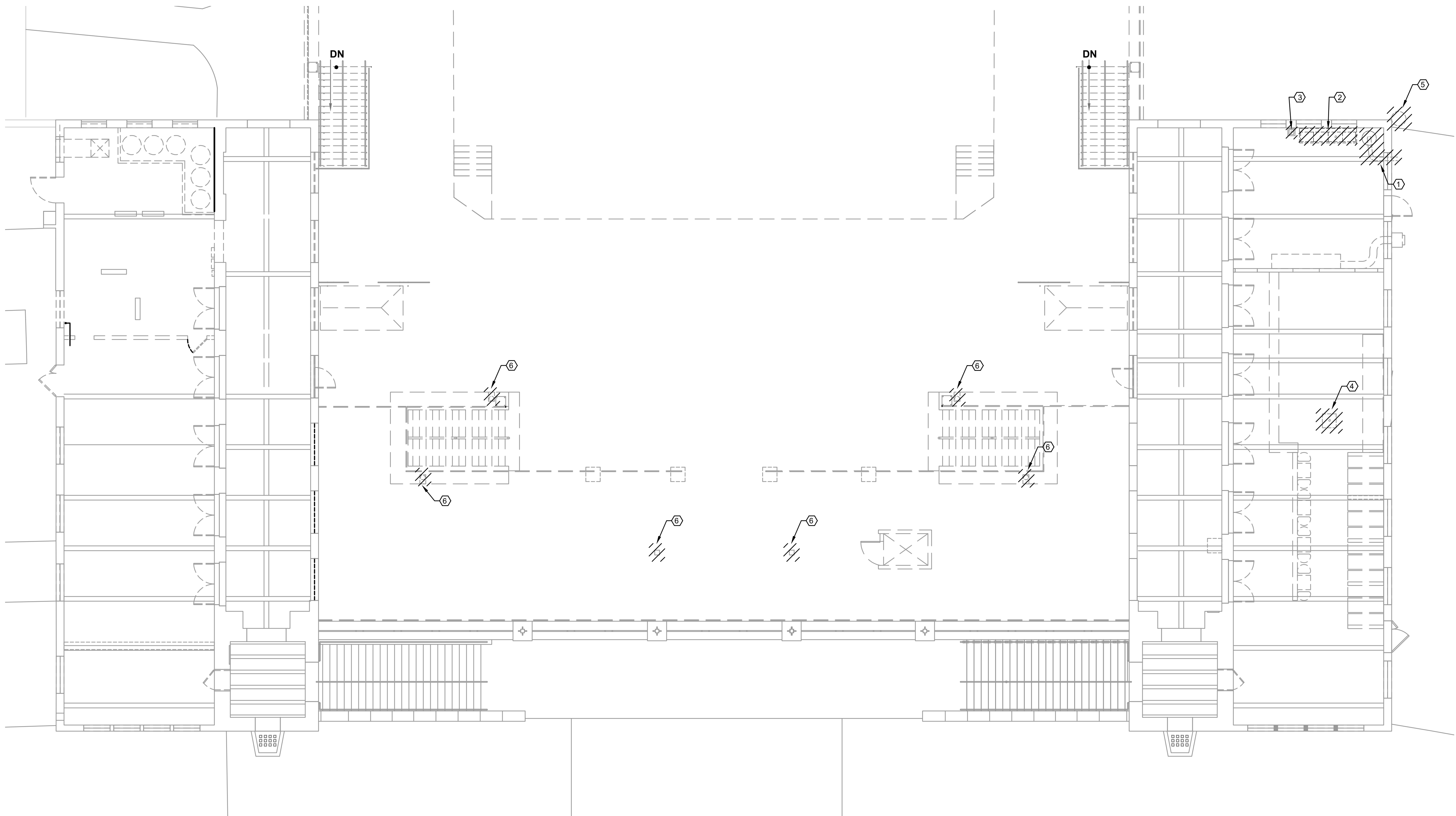
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
DOMESTIC PLUMBING DEMOLITION PLAN  
BATHHOUSE LEVEL

CONTRACT NUMBER	SHEET NUMBER
20-504	DP-102
SHEET NO. 111 OF 201	
SCALE: AS NOTED	
DATE: NOVEMBER 10, 2020	
DPW FILE NO.	
1-19-P-468	REV. NO. 0





KEY PLAN  
NOT TO SCALE



DEMOLITION NOTES

- EXISTING HOT WATER HEATER, VENTING AND DISTRIBUTION PIPING TO BE REMOVED IN ITS ENTIRETY. EXISTING COLD WATER FEED FROM BELOW TO BE CUT AND CAPPED AT FLOOR.
- EXISTING TWO COMPARTMENT SINK TO BE REMOVED IN ITS ENTIRETY. ALL COLD WATER/HOT WATER PIPING TO BE REMOVED. SANITARY PIPING TO BE CUT AND CAPPED AT FLOOR.
- EXISTING HAND SINK TO BE REMOVED IN ITS ENTIRETY. ALL COLD WATER/HOT WATER PIPING TO BE REMOVED. SANITARY PIPING TO BE CUT AND CAPPED AT FLOOR.
- EXISTING HAND SINK TO BE REMOVED IN ITS ENTIRETY. ALL COLD WATER/HOT WATER PIPING TO BE REMOVED. SANITARY PIPING TO BE CUT AND CAPPED AT FLOOR.
- EXISTING PROPANE TANK TO BE REMOVED AND RELOCATED TO LOCATION SHOWN ON CIVIL DRAWINGS. ALL PROPANE PIPING AND ACCESSORIES TO BE REPIPED FROM NEW TANK LOCATION AND CAPPED AT KITCHEN FOR FUTURE RENOVATION.
- EXISTING ROOF DRAINAGE TO BE REMOVED IN ITS ENTIRETY AT LOCATIONS SHOWN. CONTRACTOR TO REMOVE ALL ASSOCIATED PIPING IN BATHHOUSE BELOW.

1 PLUMBING DEMOLITION PLAN OF POOL DECK LEVEL  
DP103 SCALE: 1/8" = 1'-0"



**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

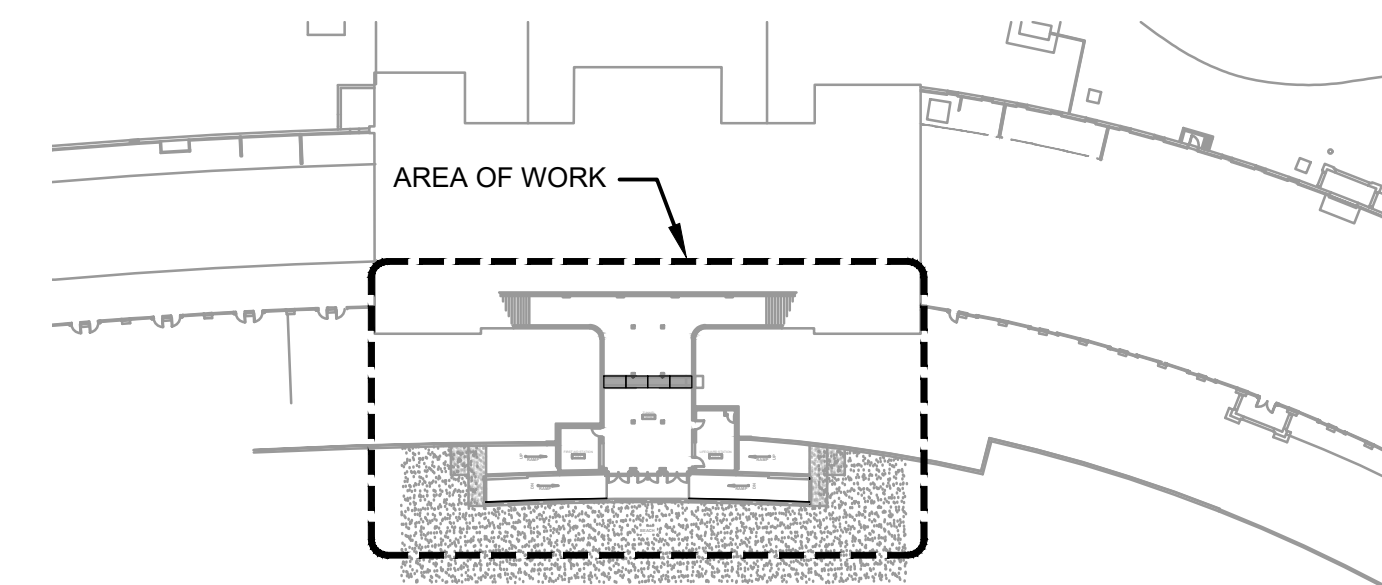
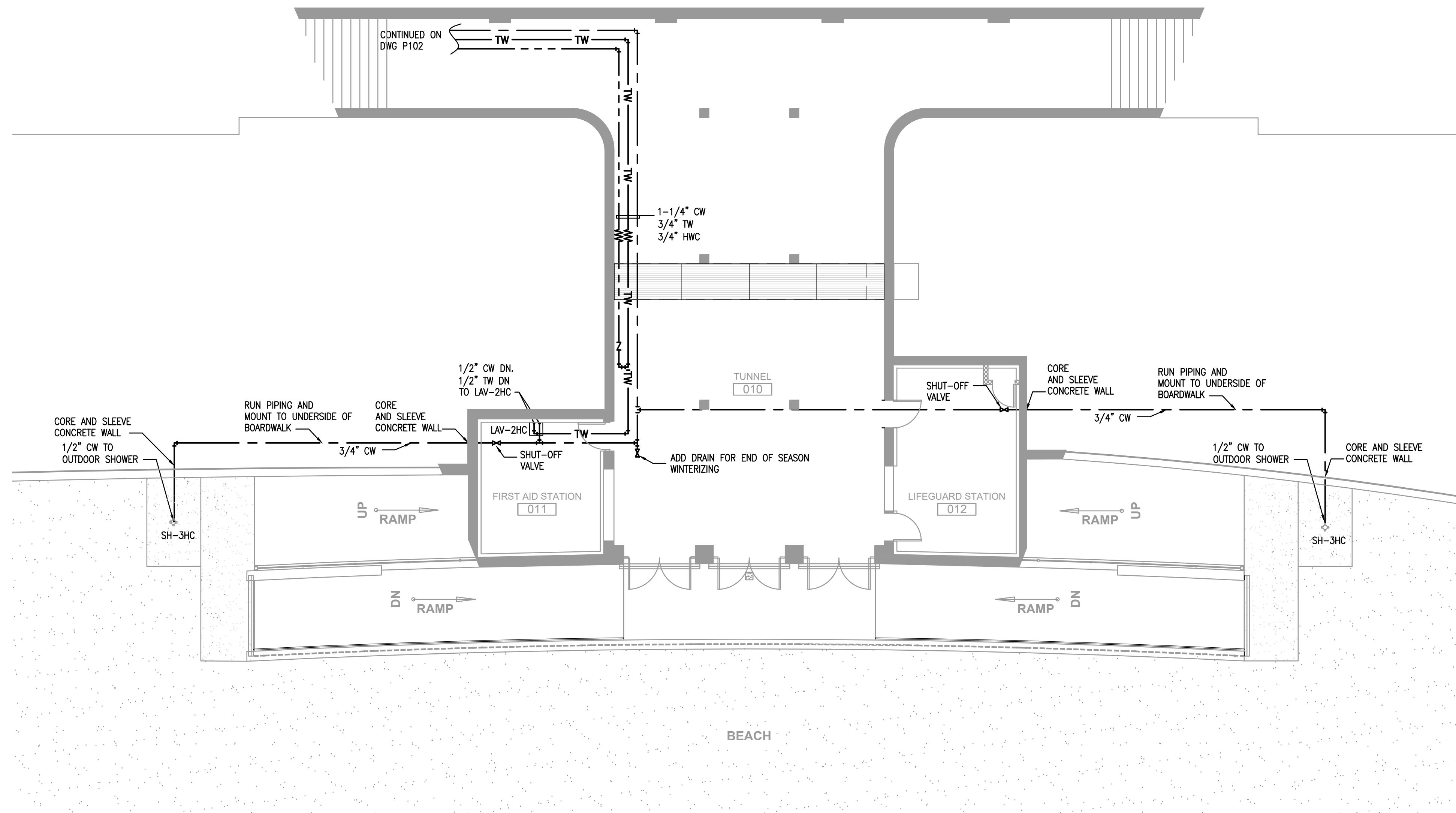
IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____ DATE _____	TITLE _____ DATE _____	TITLE _____ DATE _____	TITLE _____ DATE _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>DP-103</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK PLUMBING DEMOLITION PLAN POOL DECK LEVEL		SHEET NO. 112 OF 201	
		SCALE: AS NOTED DATE: <b>NOVEMBER 10, 2020</b> DPW FILE NO.	REV. NO. <b>0</b>
		1-19-P-469	





KEY PLAN  
NOT TO SCALE

1 DOMESTIC PLUMBING PLAN - TUNNEL  
P100 SCALE: 1/8" = 1'-0"

PROJECT NORTH

**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.

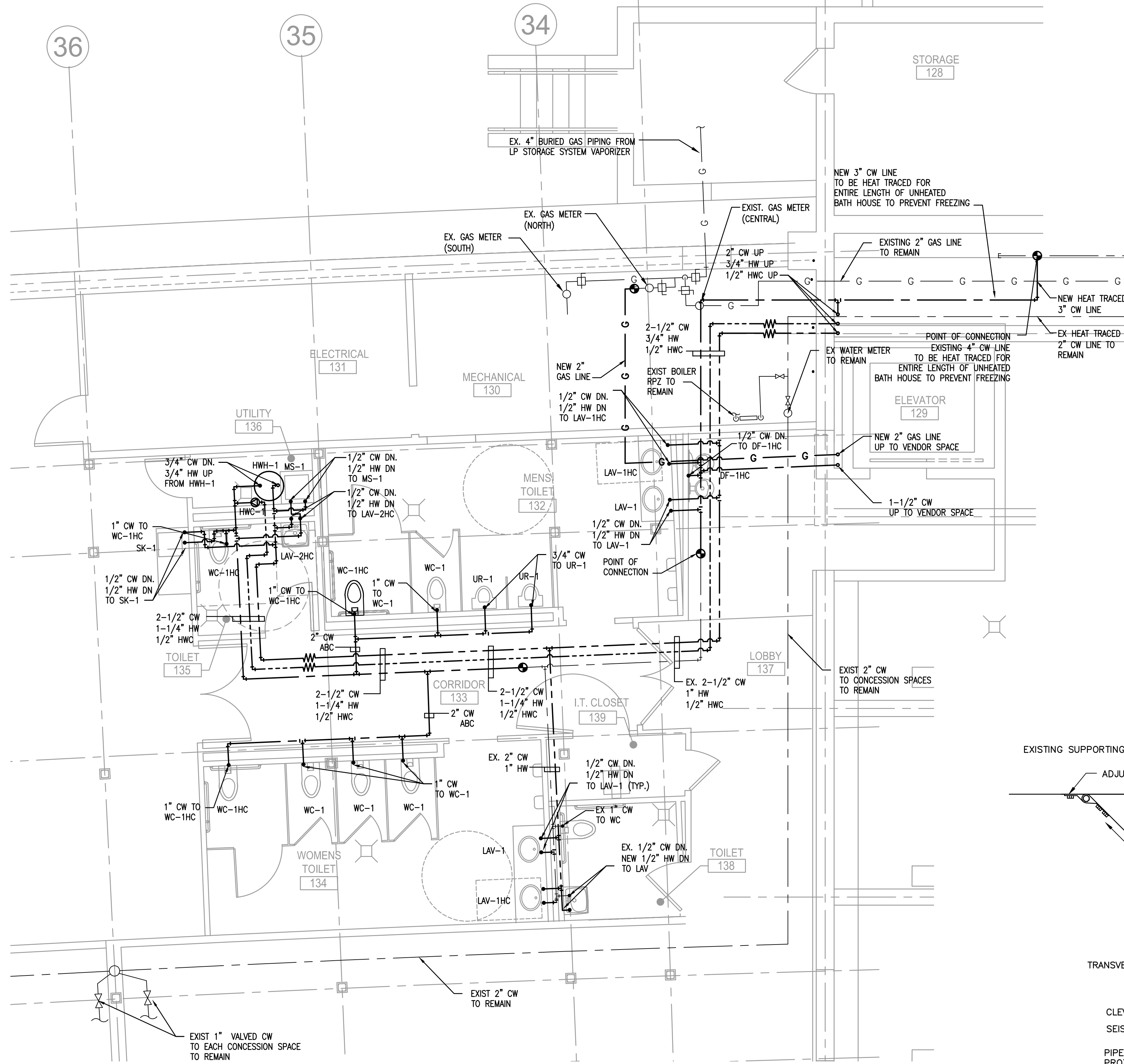
IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	

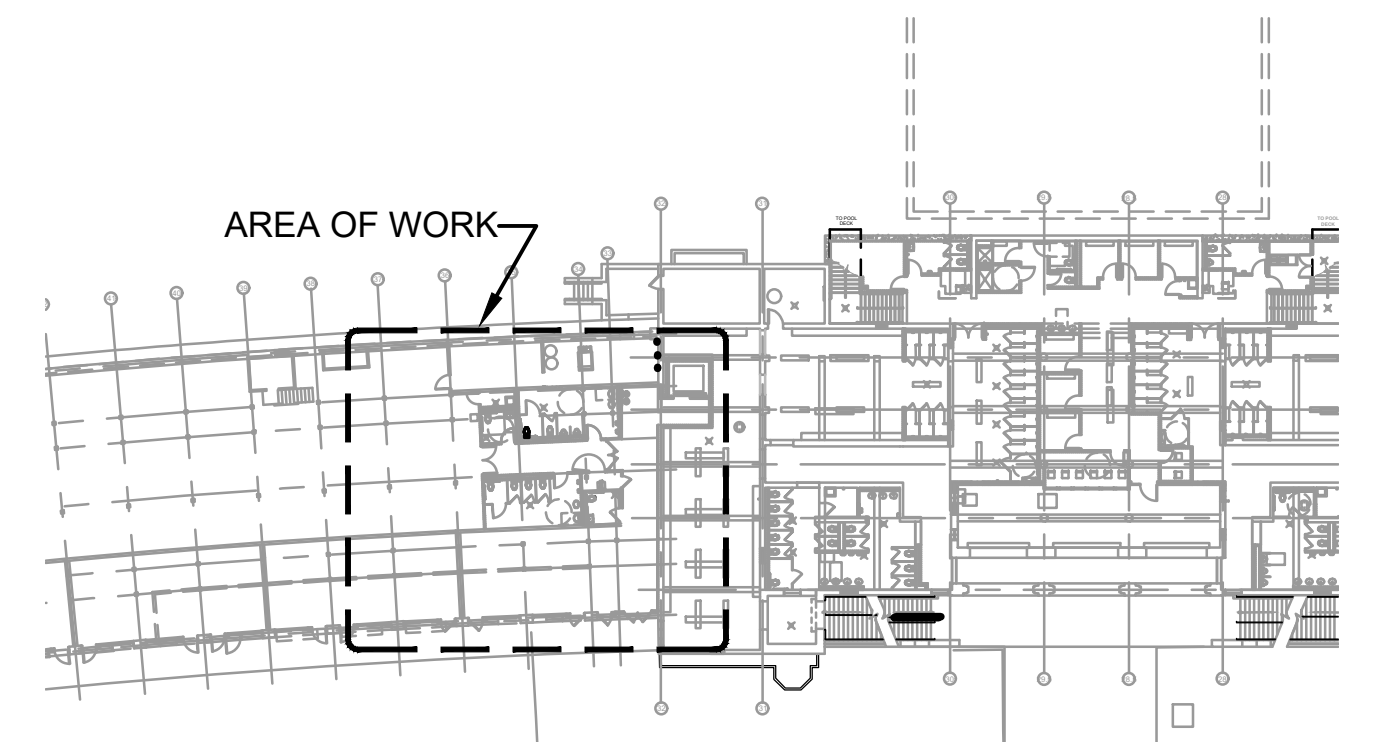
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE	DATE	TITLE	DATE

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-100</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK <b>DOMESTIC PLUMBING PLAN TUNNEL</b>		SHEET NO. 113 OF 201	
		SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO.	REV. NO. 0
		1-19-P-470	

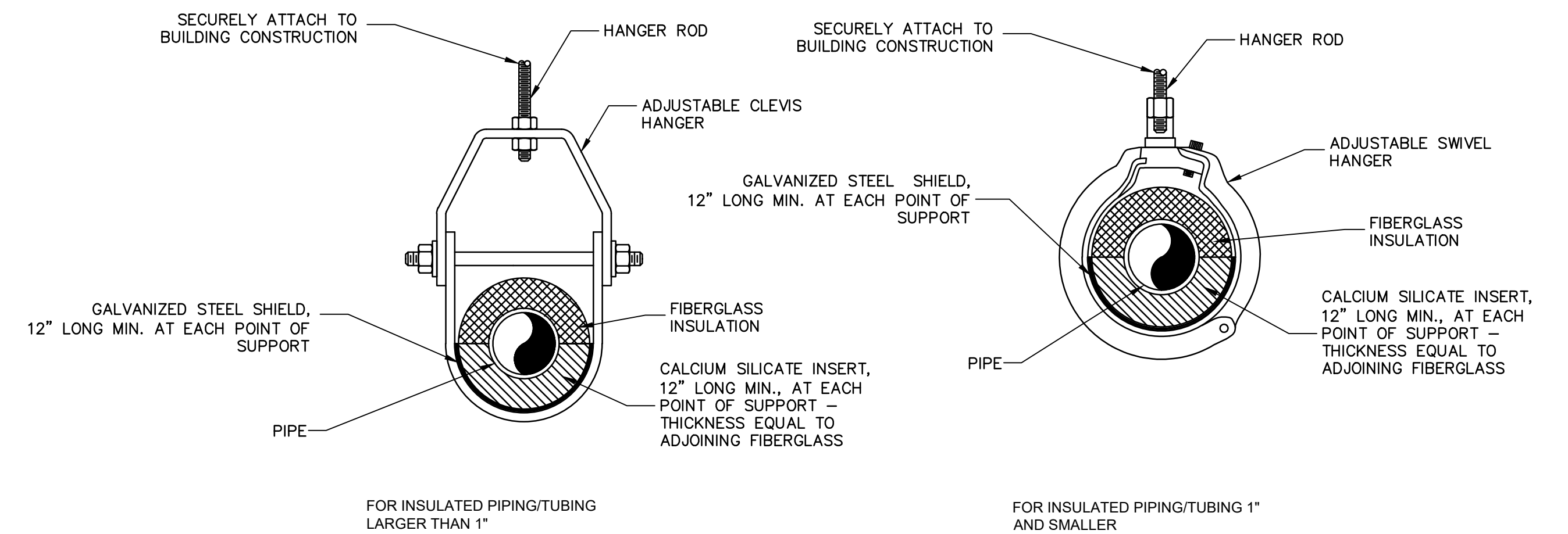




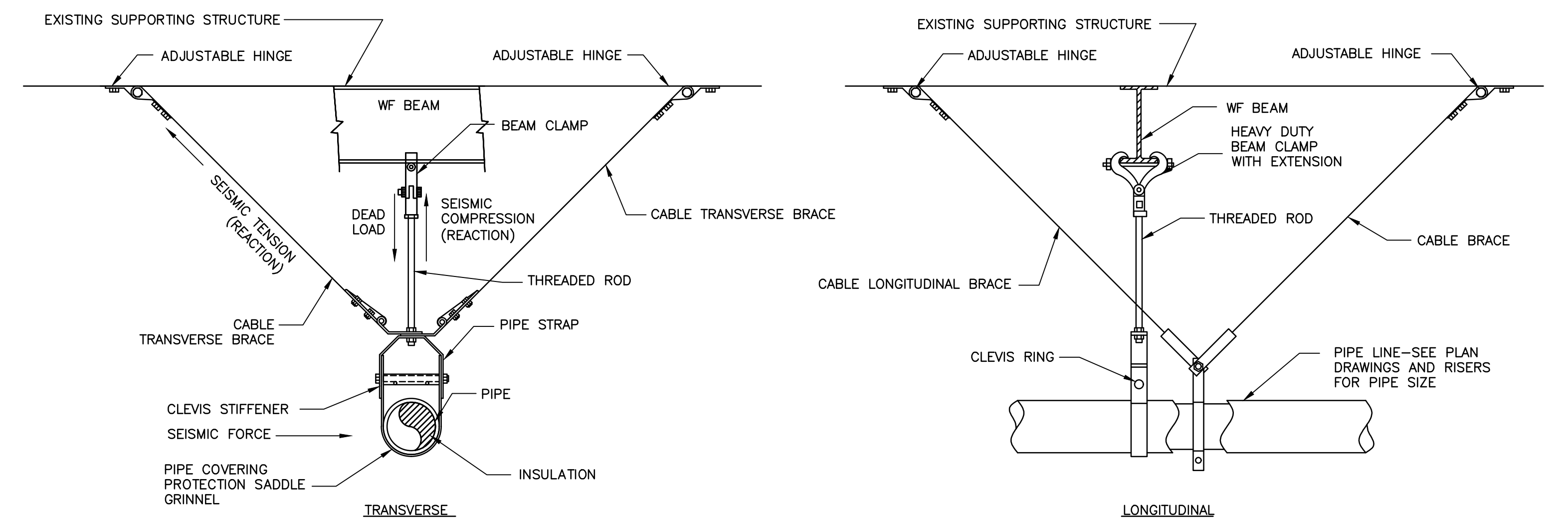
**1 DOMESTIC PLUMBING & GAS PIPING PLAN OF SOUTH EVENT SPACE BATHROOM**  
 P101 SCALE: 1/4" = 1'-0"



**KEY PLAN**  
 NOT TO SCALE



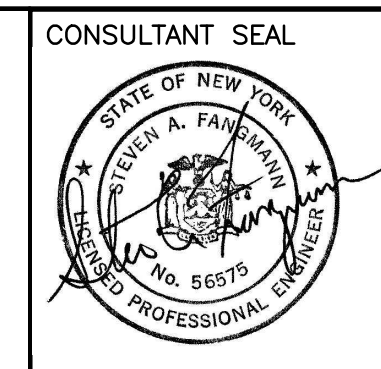
**2 ADJUSTABLE CLEVIS PIPE SUPPORT**  
 Scale: NTS



**3 PIPE HANGER DETAIL WITH TRANSVERSE LONGITUDINAL SEISMIC BRACING**  
 Scale: NTS

PROJECT NORTH

**D&B ENGINEERS AND ARCHITECTS, P.C.**  
 4 WEST RED OAK LANE  
 WHITE PLAINS, NY, 10604  
 (914)467-5300



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.  
 IN CHARGE OF **JHM**  
 CHECKED BY **CAL**  
 MADE BY **PAD**

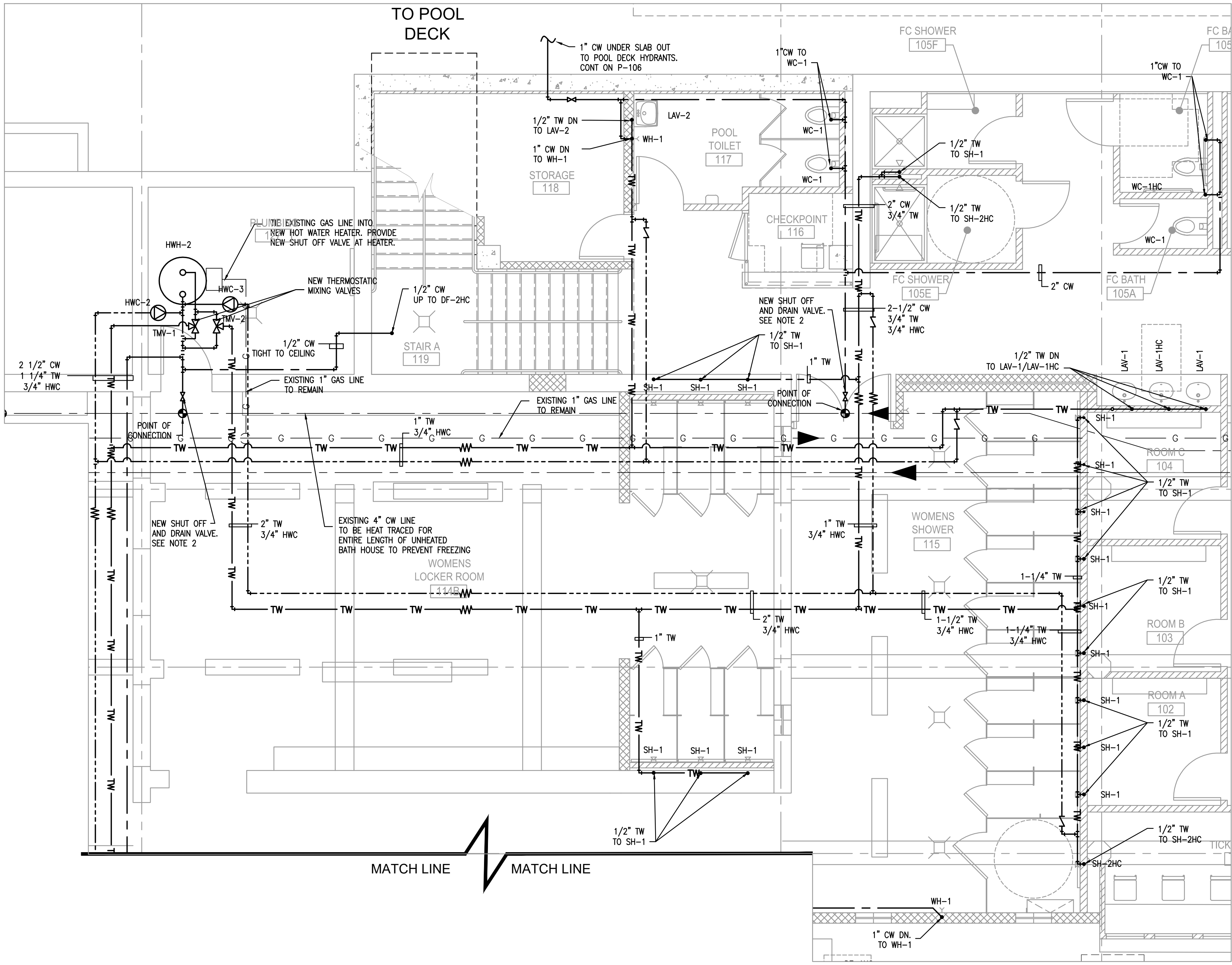
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED			
<input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK  
 DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
 DIVISION OF ENGINEERING  
 REHABILITATION OF POOL AND BATHHOUSE  
 PLAYLAND PARK, RYE, NEW YORK  
**DOMESTIC PLUMBING PLAN**  
**BATHHOUSE LEVEL SOUTH EVENT SPACE**

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-101</b>
SHEET NO. 114 OF 201	
SCALE: AS NOTED	
DATE: NOVEMBER 10, 2020	
DPW FILE NO.	REV. NO.
1-19-P-471	0

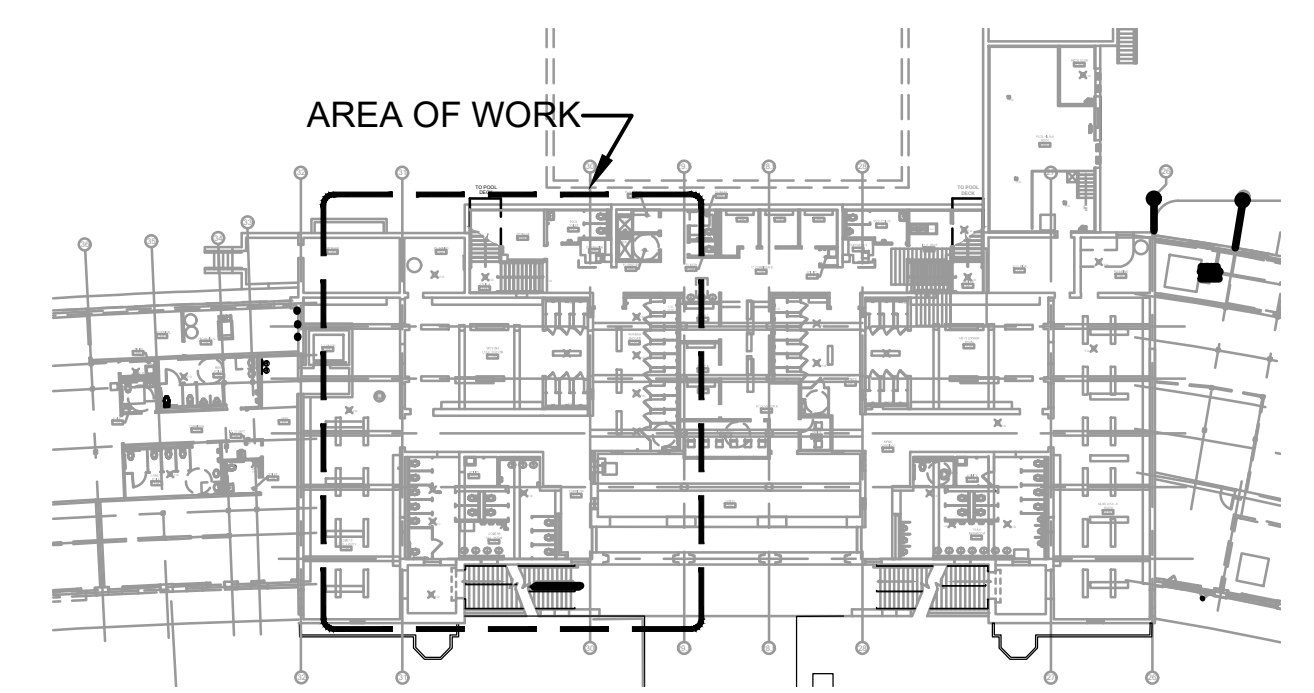




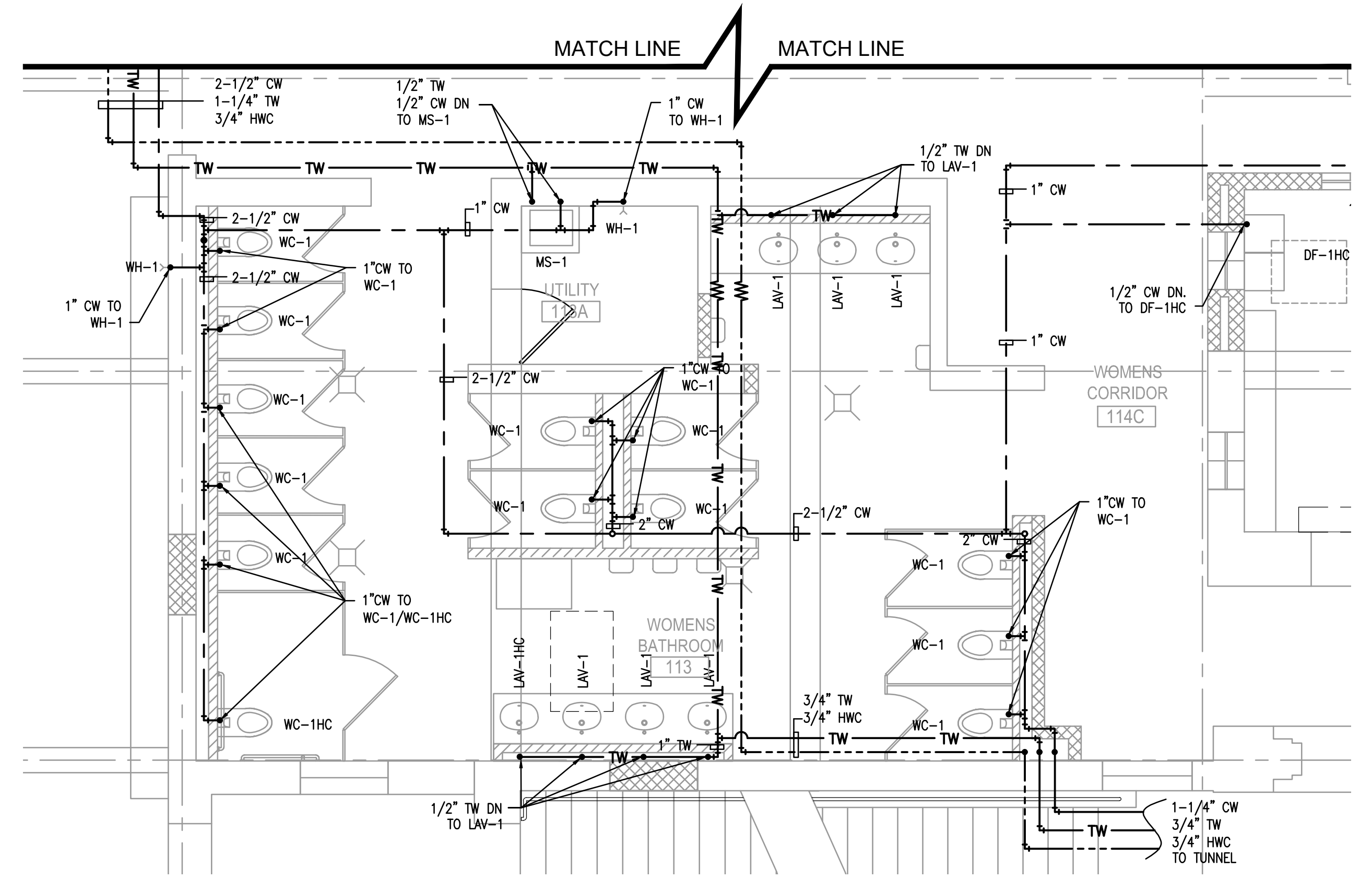
1 DOMESTIC PLUMBING PLAN OF WOMENS LOCKER ROOM SHOWERS  
P102 SCALE: 1/4" = 1'-0"

DESIGN NOTES

- EXISTING 4" CW MAIN WITHIN UNHEATED BATHHOUSE TO BE HEAT TRACED TO PROTECT FROM FREEZING.
- ALL NEW BRANCH PIPING CONNECTING FROM EXISTING 4" CW MAIN WITHIN THE UNHEATED BATHHOUSE SHALL BE CONSTRUCTED TO BE ISOLATED AND FULLY DRAINABLE TO PREVENT FREEZING DURING THE OFF SEASON UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE TO PERFORM ALL MEASURES NECESSARY TO ACHIEVE THE ABILITY TO WINTERIZE THE BRANCH PIPING.



KEY PLAN  
NOT TO SCALE



2 DOMESTIC PLUMBING PLAN OF WOMENS LOCKER ROOM BATHROOM  
P102 SCALE: 1/4" = 1'-0"



**D&B ENGINEERS AND ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY, 10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.  
IN CHARGE OF JHM  
CHECKED BY CAL  
MADE BY PAD

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

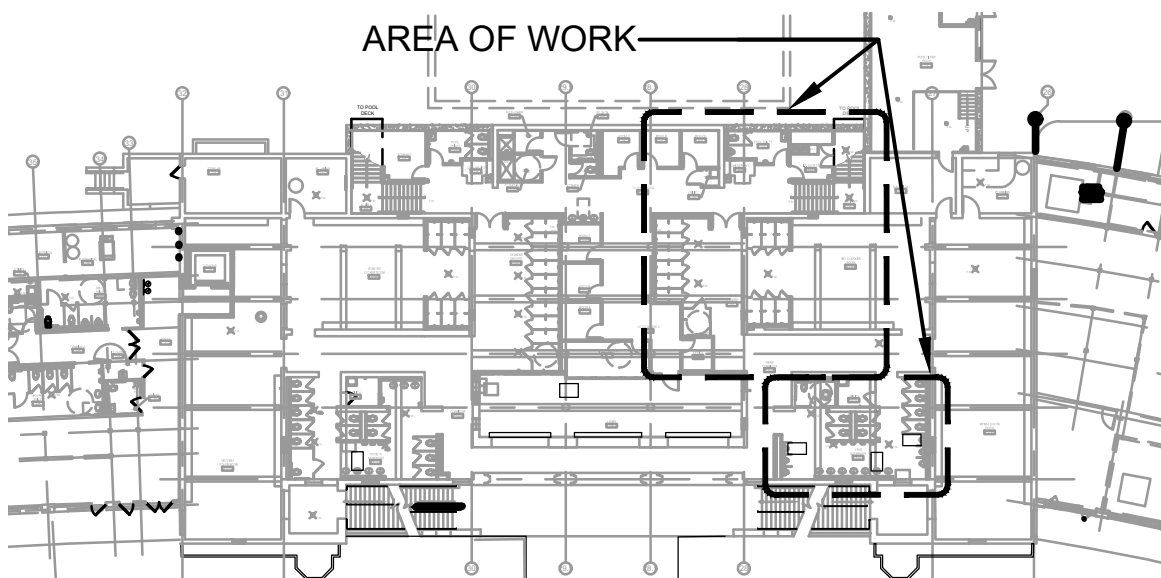
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-102</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK <b>DOMESTIC PLUMBING PLAN</b> <b>BATHHOUSE LEVEL WOMENS LOCKER ROOM</b>		SHEET NO. 115 OF 201 SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-P-472	REV. NO. 0



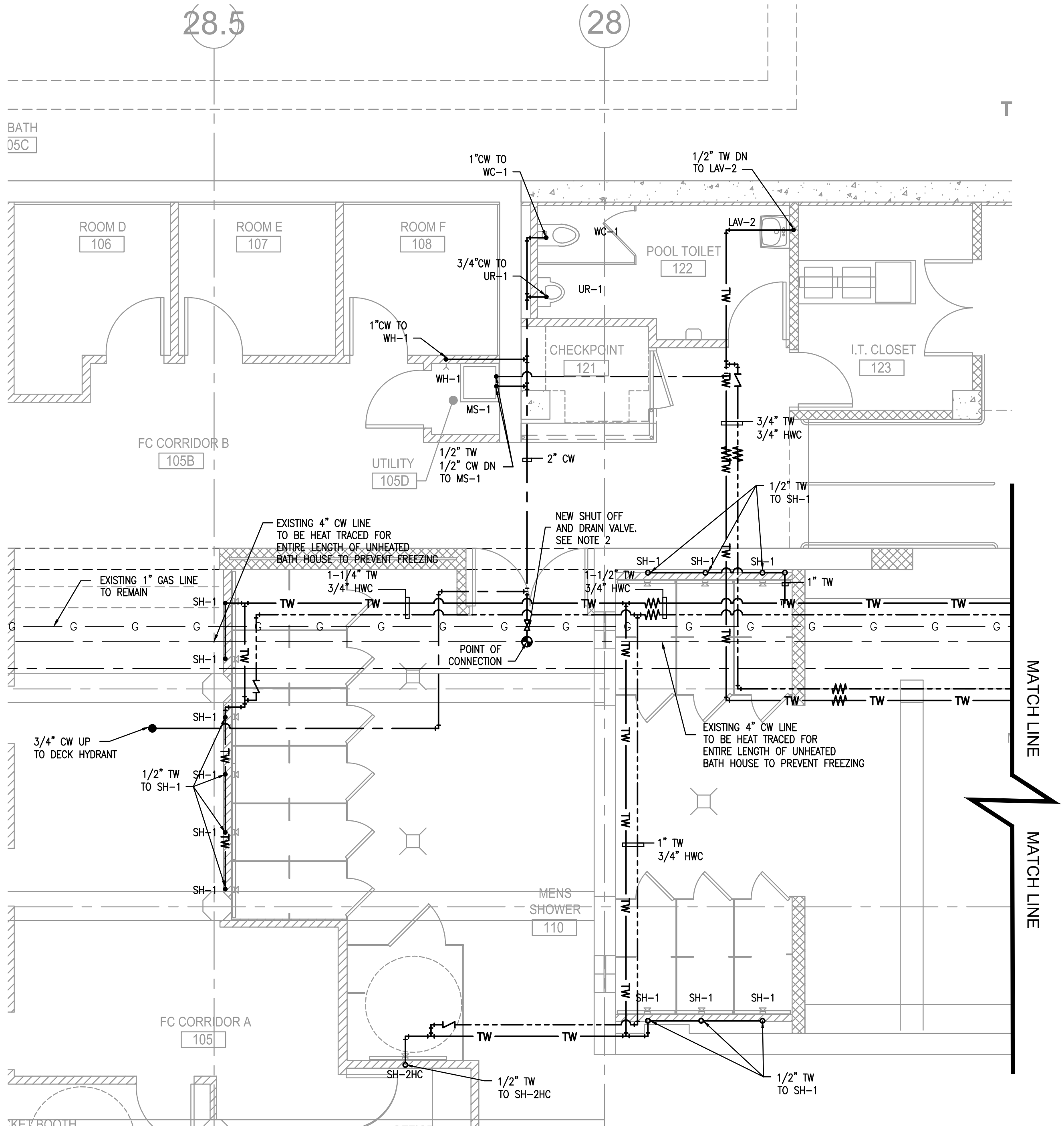
DESIGN NOTES

- EXISTING 4" CW MAIN WITHIN UNHEATED BATHHOUSE TO BE HEAT TRACED TO PROTECT FROM FREEZING.
- ALL NEW BRANCH PIPING CONNECTING FROM EXISTING 4" CW MAIN WITHIN THE UNHEATED BATHHOUSE SHALL BE CONSTRUCTED TO BE ISOLATED AND FULLY DRAINABLE TO PREVENT FREEZING DURING THE OFF SEASON UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE TO PERFORM ALL MEASURES NECESSARY TO ACHIEVE THE ABILITY TO WINTERIZE THE BRANCH PIPING.

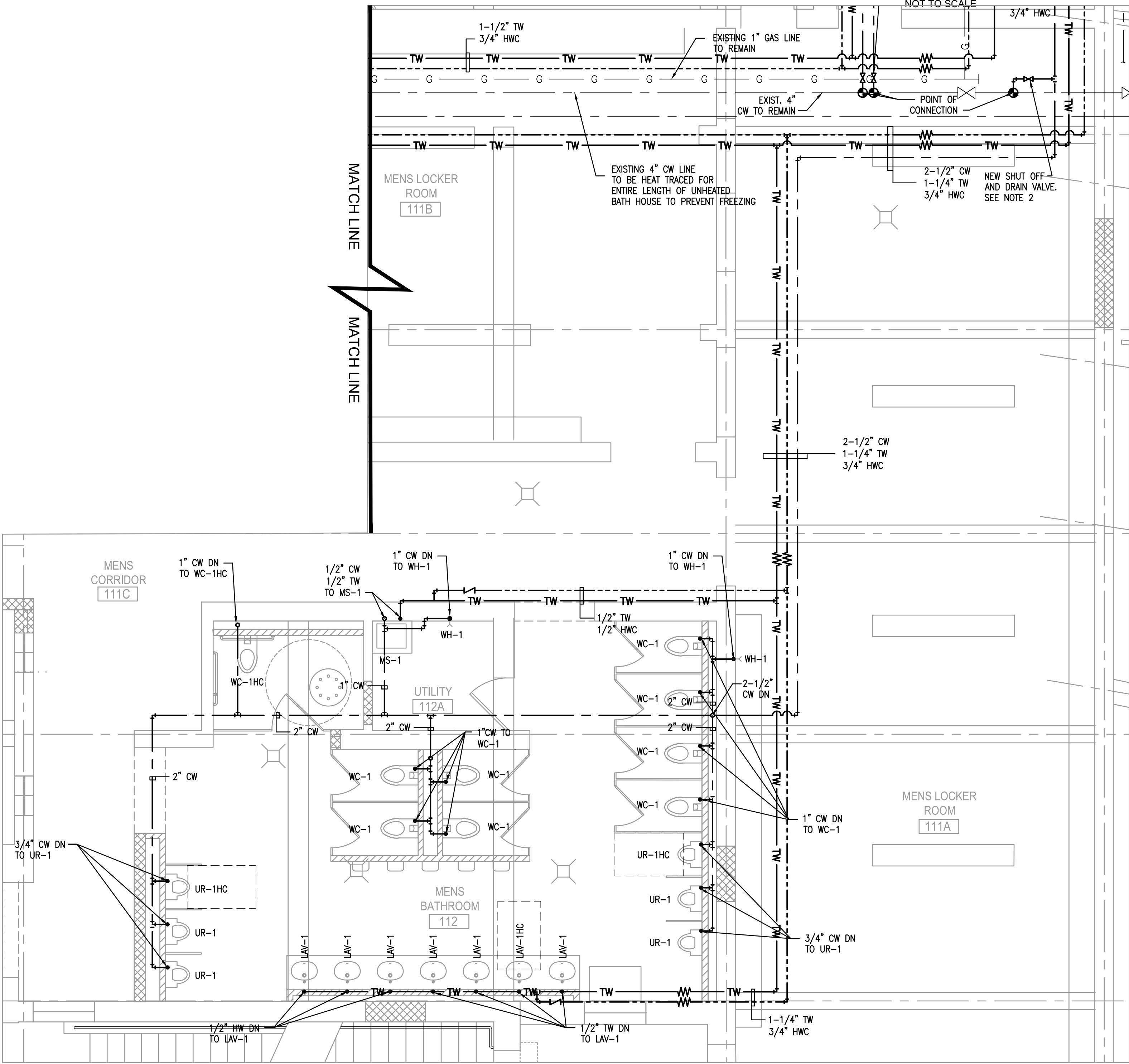


KEY PLAN

NOT TO SCALE



1 DOMESTIC PLUMBING PLAN OF MENS LOCKER ROOM SHOWERS  
P103 SCALE: 1/4" = 1'-0"



2 DOMESTIC PLUMBING PLAN OF MENS LOCKER ROOM BATHROOM  
P103 SCALE: 1/4" = 1'-0"

PROJECT NORTH

**D&B ENGINEERS AND ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

IN CHARGE OF JHM  
CHECKED BY CAL  
MADE BY PAD

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

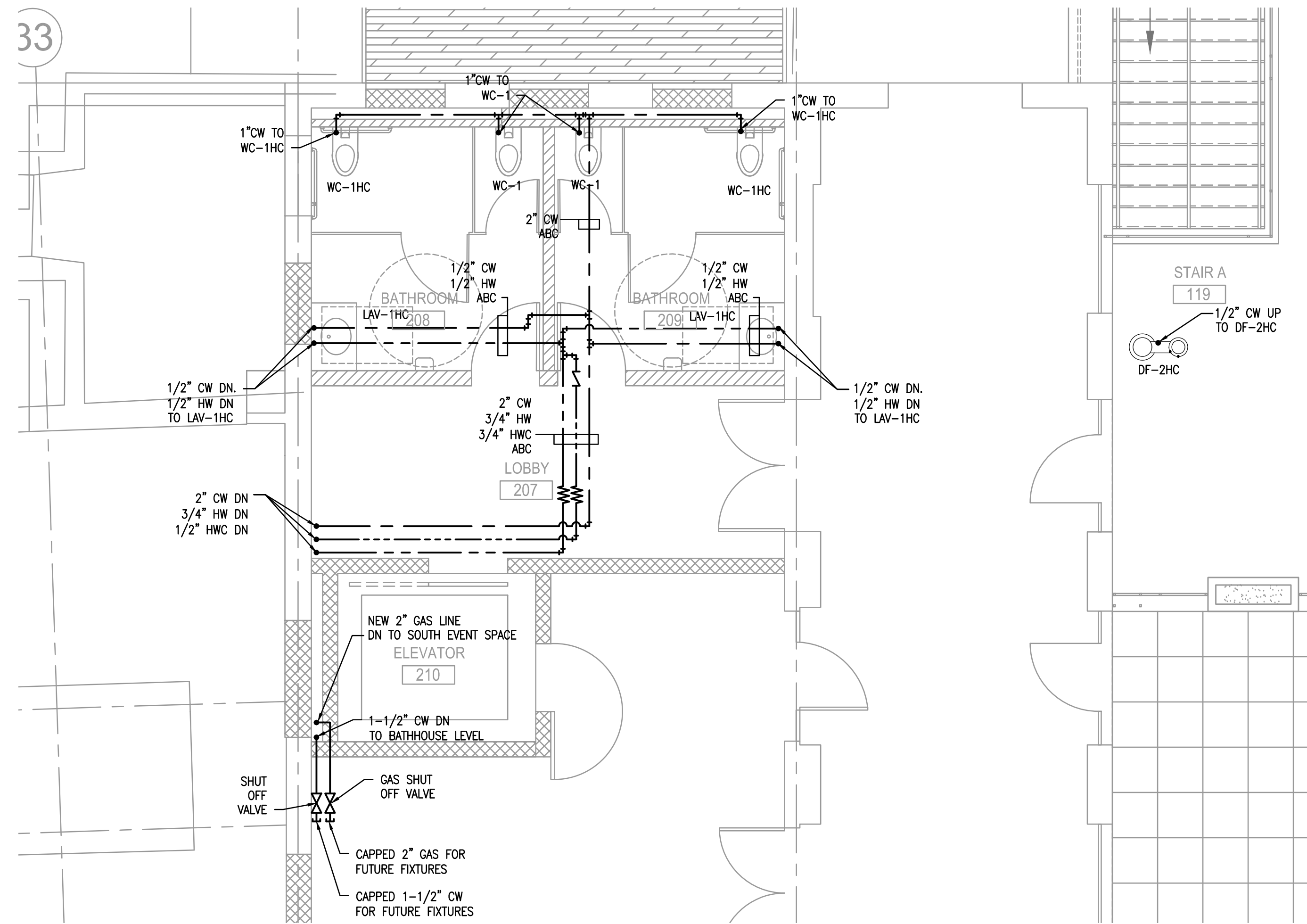
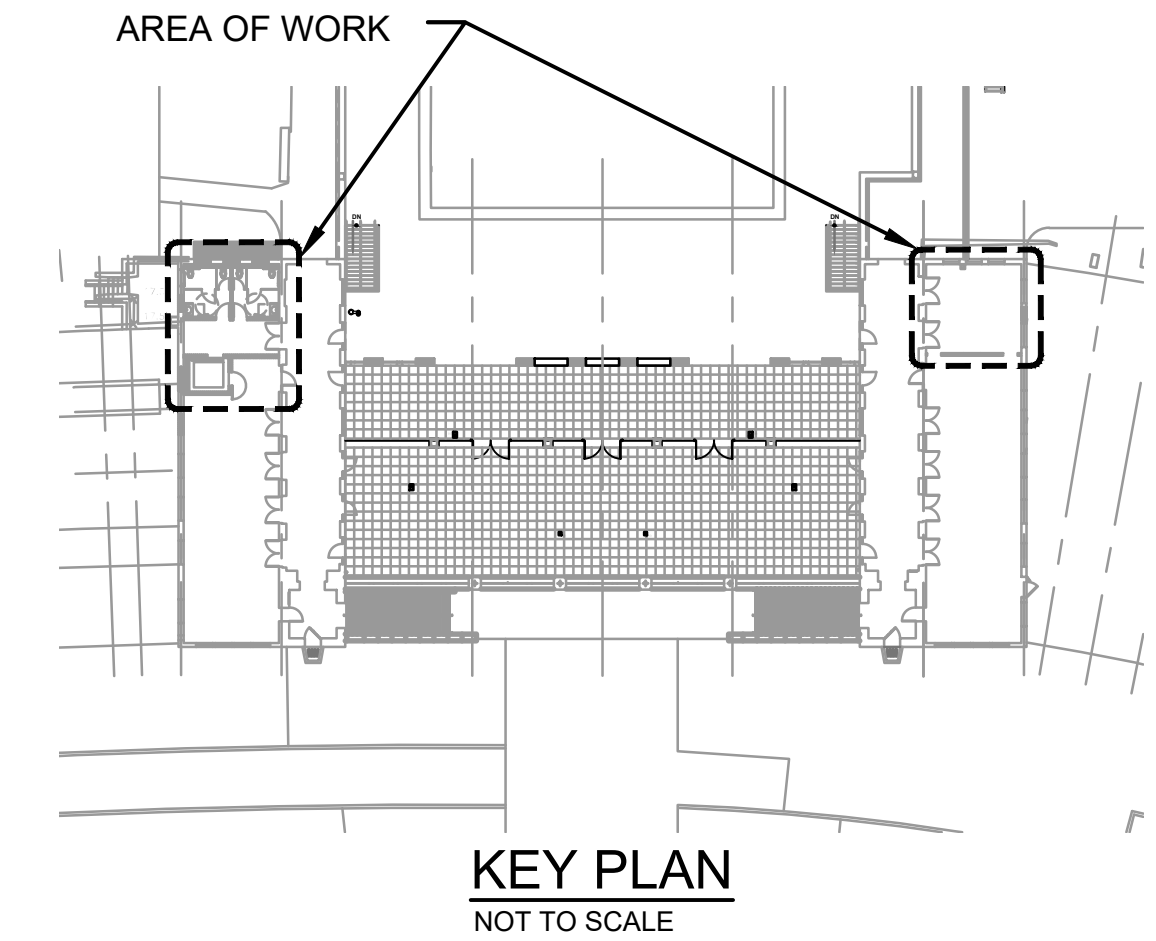
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

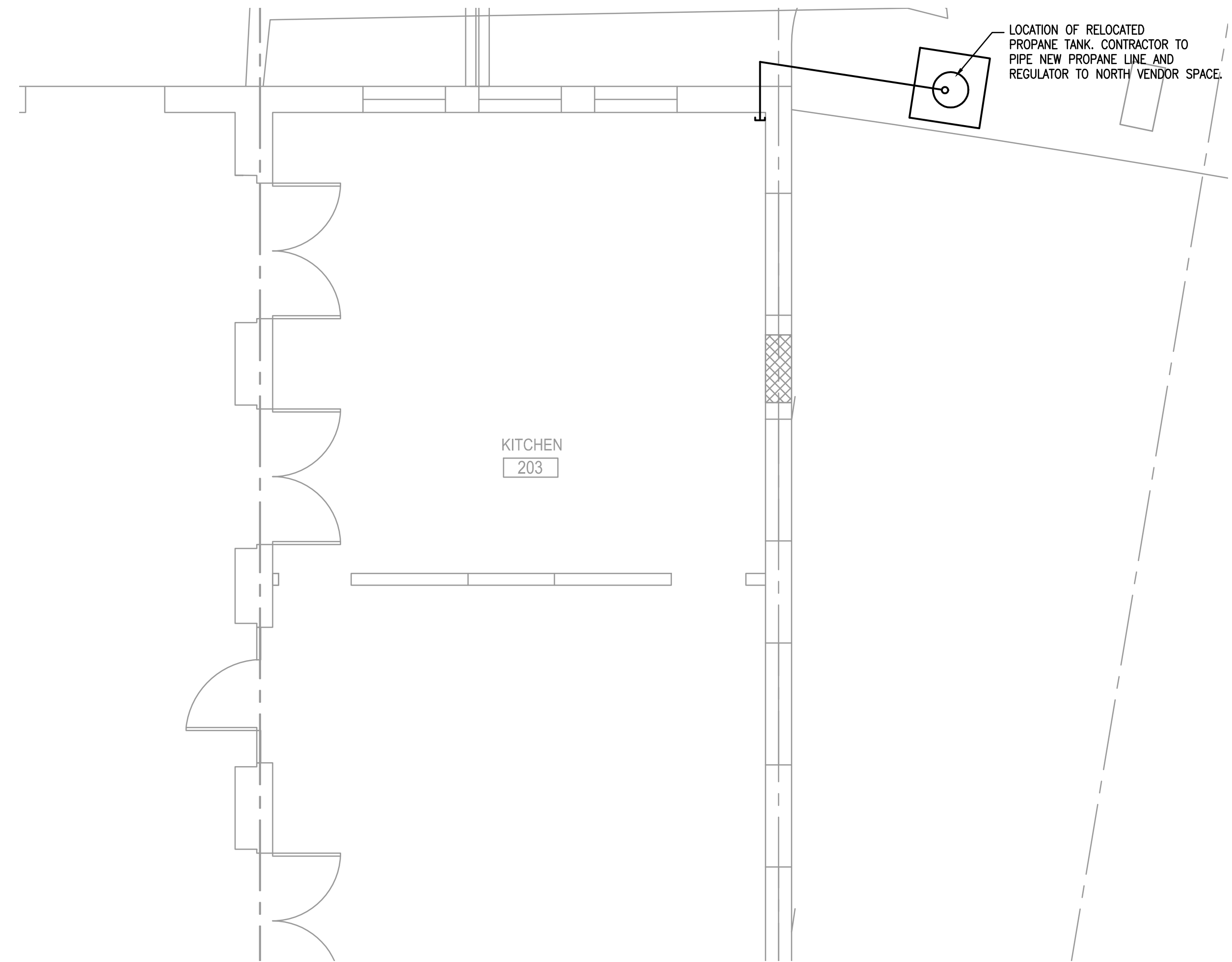
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
**DOMESTIC PLUMBING PLAN**  
**BATHHOUSE LEVEL MENS LOCKER ROOM**

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-103</b>
SHEET NO. 116 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO. _____	
1-19-P-473	





**1 DOMESTIC PLUMBING PLAN OF POOL DECK SOUTH VENDOR SPACE**  
P104 SCALE: 1/4" = 1'-0"



**2 DOMESTIC PLUMBING PLAN OF POOL DECK NORTH VENDOR SPACE**  
P104 SCALE: 1/4" = 1'-0"

PROJECT NORTH

**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300

CONSULTANT SEAL



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.

IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	

RECORD DRAWING CERTIFICATION

- ☐ AS BUILT - CHANGES AS NOTED  
☐ AS BUILT - NO CHANGES

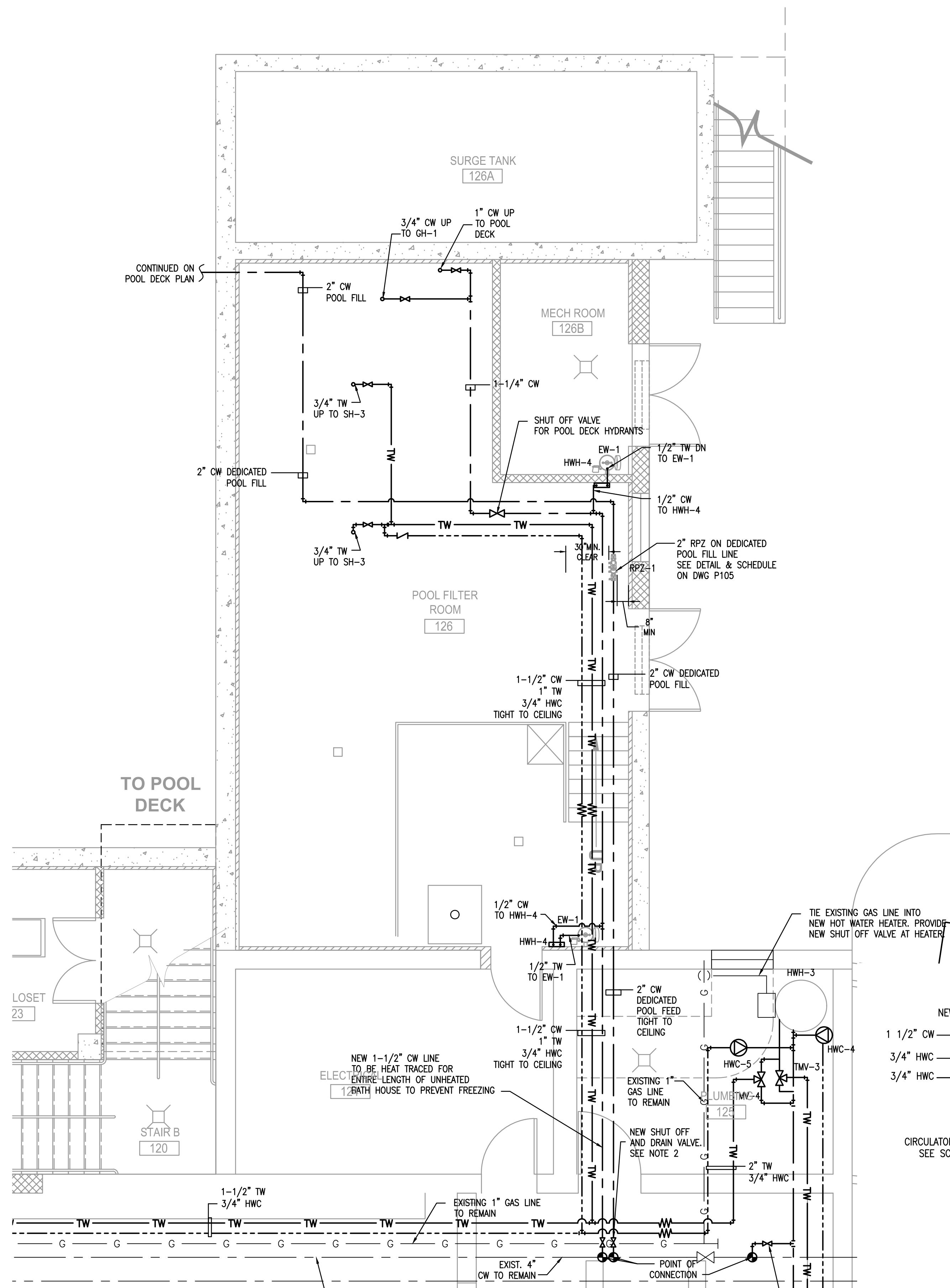
CONTRACTOR		PROJECT COORDINATOR	
NAME	_____	NAME	_____
SIGNATURE	_____	SIGNATURE	_____
TITLE	_____ DATE _____	TITLE	_____ DATE _____

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
**DOMESTIC PLUMBING PLAN**  
**POOL DECK LEVEL**

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-104</b>
SHEET NO. 117 OF 201	
SCALE: AS NOTED	
DATE: NOVEMBER 10, 2020	
DPW FILE NO.	REV. NO.
1-19-P-474	0

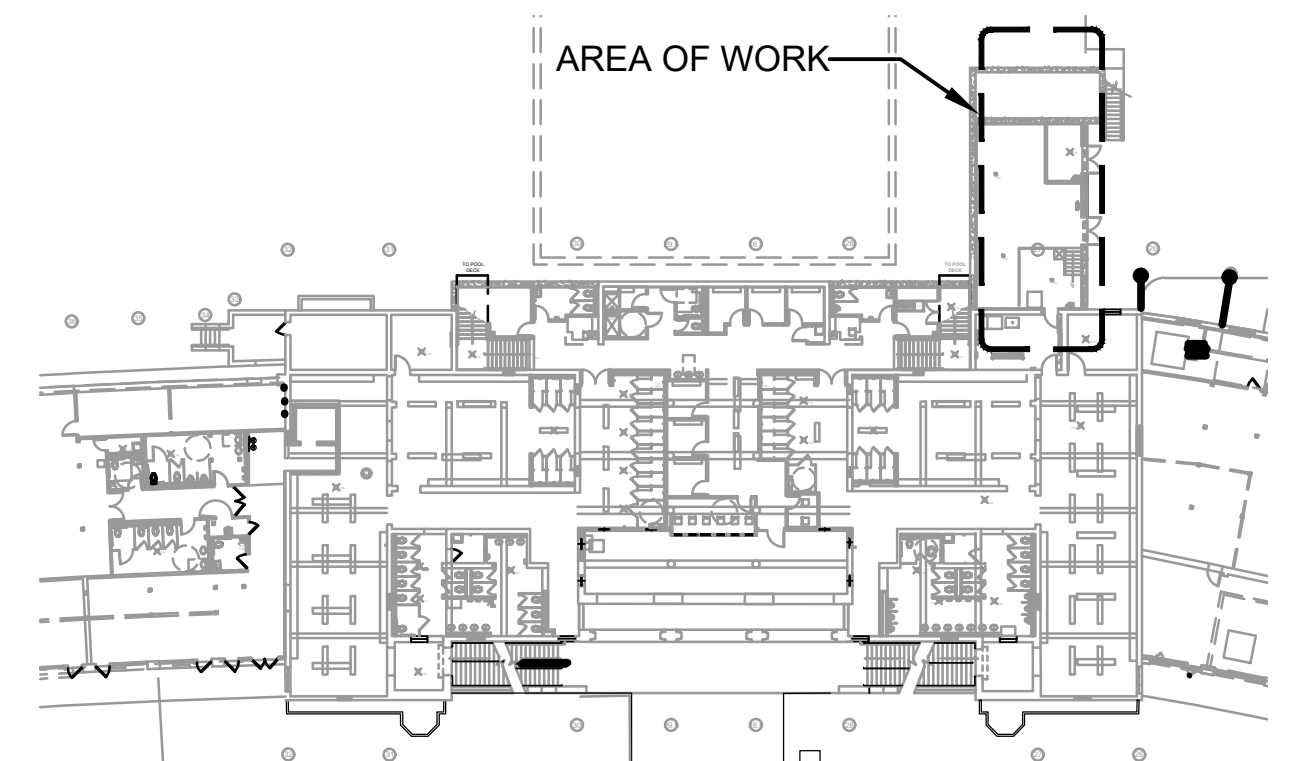




1 DOMESTIC PLUMBING PLAN OF POOL EQUIPMENT ROOM  
P105 SCALE: 1/4" = 1'-0"

## DESIGN NOTES

- EXISTING 4" CW MAIN WITHIN UNHEATED BATHHOUSE TO BE HEAT TRACED TO PROTECT FROM FREEZING.
- ALL NEW BRANCH PIPING CONNECTING FROM EXISTING 4" CW MAIN WITHIN THE UNHEATED BATHHOUSE SHALL BE CONSTRUCTED TO BE ISOLATED AND FULLY DRAINABLE TO PREVENT FREEZING DURING THE OFF SEASON UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE TO PERFORM ALL MEASURES NECESSARY TO ACHIEVE THE ABILITY TO WINTERIZE THE BRANCH PIPING.



KEY PLAN  
NOT TO SCALE

WALL MOUNTED EYEWASH STATION - BASED ON ACORN SAFETY

MARK	MODEL	WATER CONNECTION	WASTE CONNECTION	BOWL DIA.	NOTES:
EW-1	S0410	1/2"	1-1/4"	11-3/4"	PROVIDE BARRIER FREE. PROVIDE WITH STAY-OPEN 1/2" BALL VALVE.

NOTE: INSTALLATION MUST COMPLY WITH LATEST VERSION OF ANSI Z358.1

ELECTRIC TANKLESS WATER HEATER - BASED ON CHRONOMITE

MARK	MODEL	MODEL #	OPERATING PRESSURE	MIN. OPERATING FLOW	PHYSICAL DIMENSIONS (IN.)			MAX. OPERATING TEMP	CONNECTIONS WATER	WEIGHT
HW-4	INSTANT FLOW MICRO	M-40EW/208	45 PSI MIN/ 150 PSI MAX	2.2 GPM	HEIGHT	WIDTH	DEPTH	84°F	1/2"	5 LBS

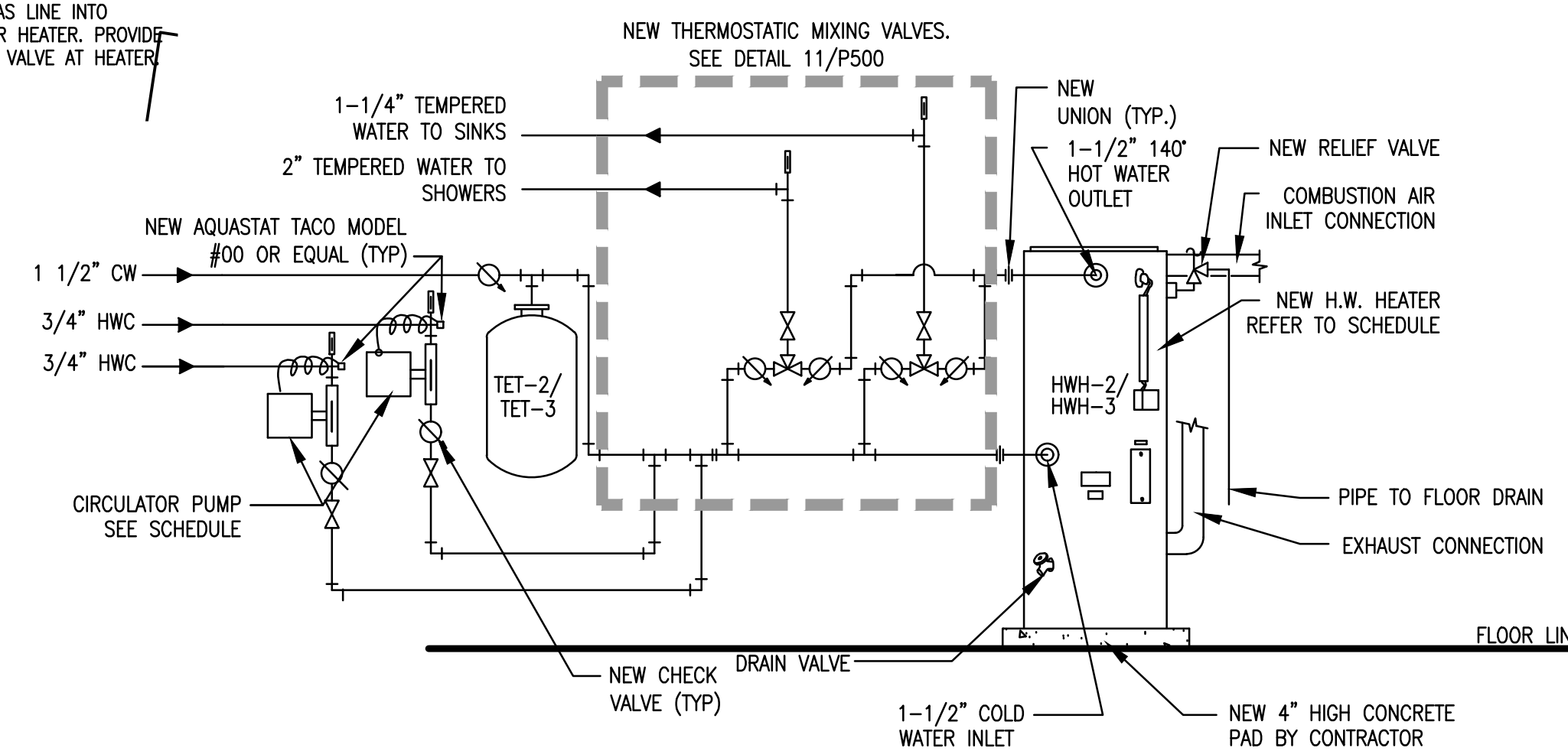
NOTE: INSTALLATION MUST COMPLY WITH LATEST VERSION OF ANSI Z358.1. UNIT MUST HAVE FAIL SAFE TO COLD BYPASS

REDUCED PRESSURE PRINCIPLE ASSEMBLY SCHEDULE

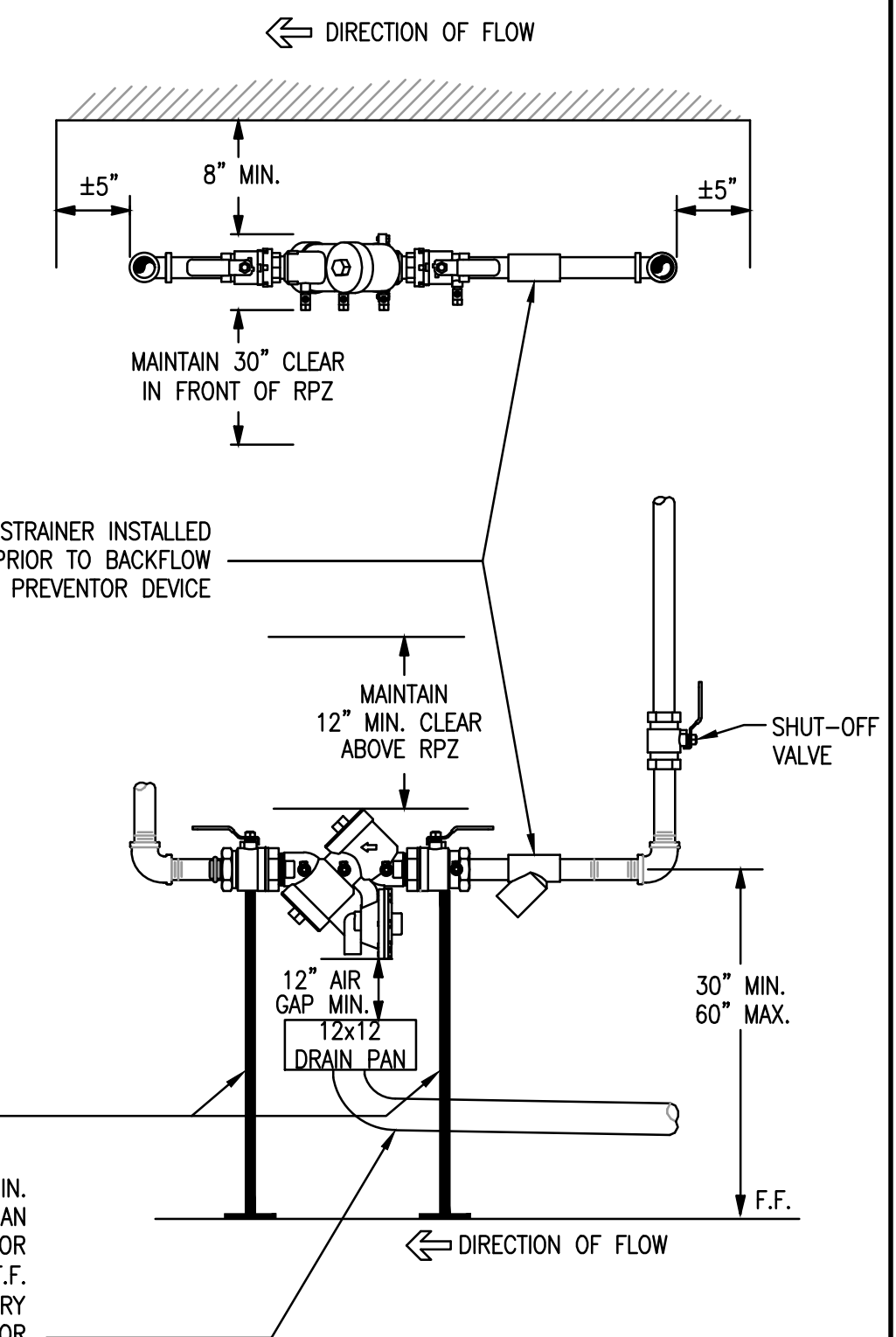
MARK	MANUF	MODEL	SIZE	FLOW	FLOW RATE	PRESSURE LOSS	MAX WORKING PRESSURE	REMARKS
RPZ-1	WATTS	LF909M1QT	2"	77 GPM	7.5 FPS	10 PSI	175 PSI	SEE NOTES BELOW

NOTES:

- MOUNT RPZ DEVICE AT 30" FROM FLOOR TO CENTERLINE OF DEVICE, INSTALL WITH 8" CLEAR FROM BACK OF DEVICE TO FINISHED WALL (REFER TO INSTALLATION ON THIS SHEET).
- TEST COCKS MUST BE POSITIONED TO FACILITATE TESTING (30" MINIMUM CLEARANCE)
- DRAINS CANNOT BE SUBJECT TO FLOODING AND MUST BE SCREENED.
- RPZ MUST BE A LEAD FREE MODEL.
- RPZ MUST BE ADEQUATELY SUPPORTED TO PREVENT LATERAL MOVEMENT TO THE FLOOR.
- SUPPORTS MUST BE PLACED WHERE THEY WILL NOT OBSTRUCT THE FUNCTION OR ACCESS TO RELIEF VALVE.
- RPZ MUST HAVE USC FOUNDATION FOR CROSS CONNECTION CONTROL APPROVAL.
- A SEPARATE SHUT OFF VALVE IS REQUIRED UPSTREAM OF THE ASSEMBLY.
- RPZ MAY NOT BE INSTALLED HIGHER THAN 5' ABOVE THE FLOOR OR A FIXED PLATFORM IS REQUIRED.
- INSTALL PROTECTIVE STRAINER PER MANUFACTURERS RECOMMENDATION



2 HOT WATER HEATER DETAIL  
Scale: NTS



3 RPZ INSTALLATION DETAIL  
Scale: NTS

CONSULTANT SEAL



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER DATE MADE BY APP'D BY REVISION

RECORD DRAWING CERTIFICATION

- ☐ AS BUILT - CHANGES AS NOTED  
☐ AS BUILT - NO CHANGES

CONTRACTOR

NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT COORDINATOR

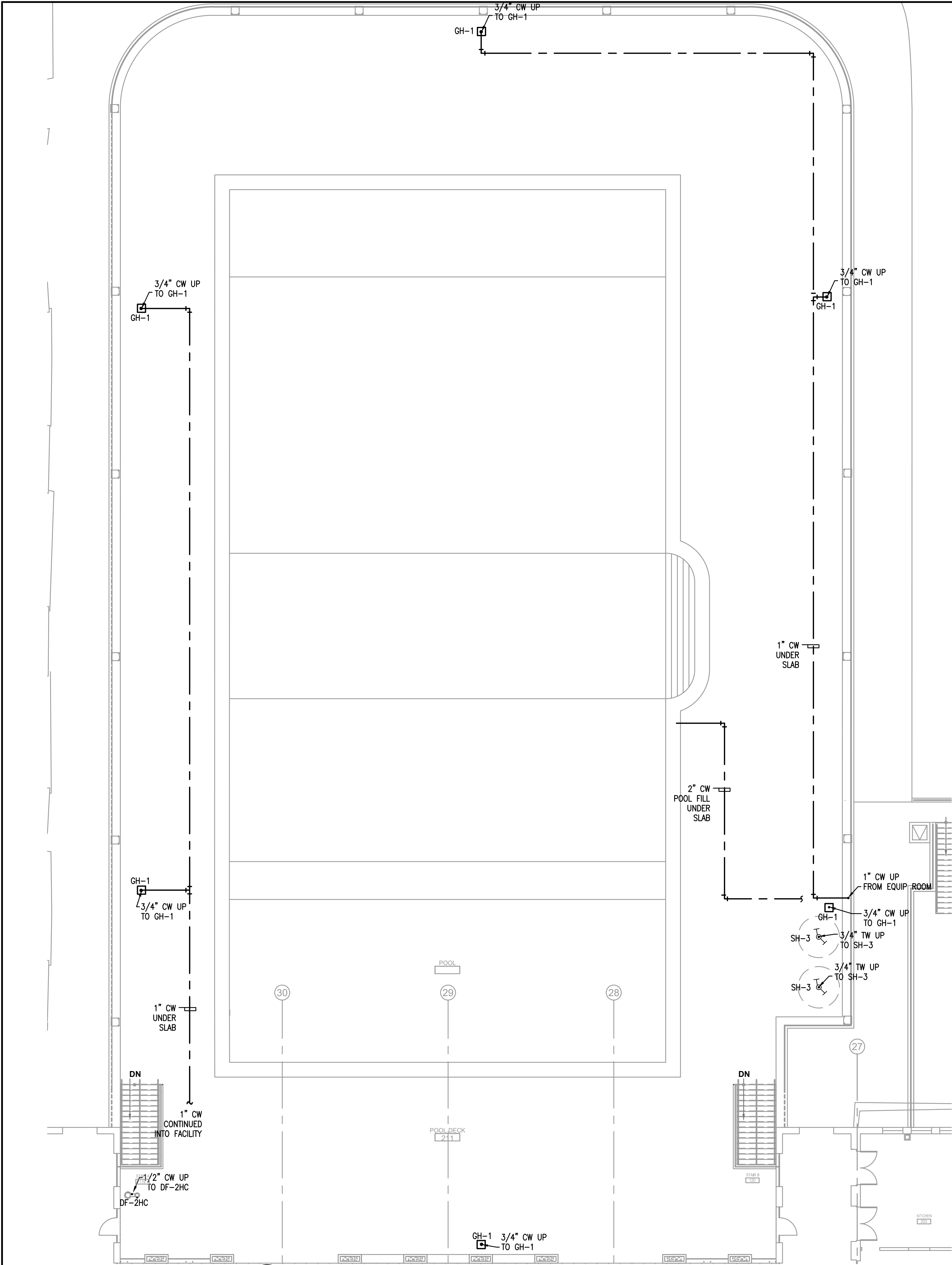
NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

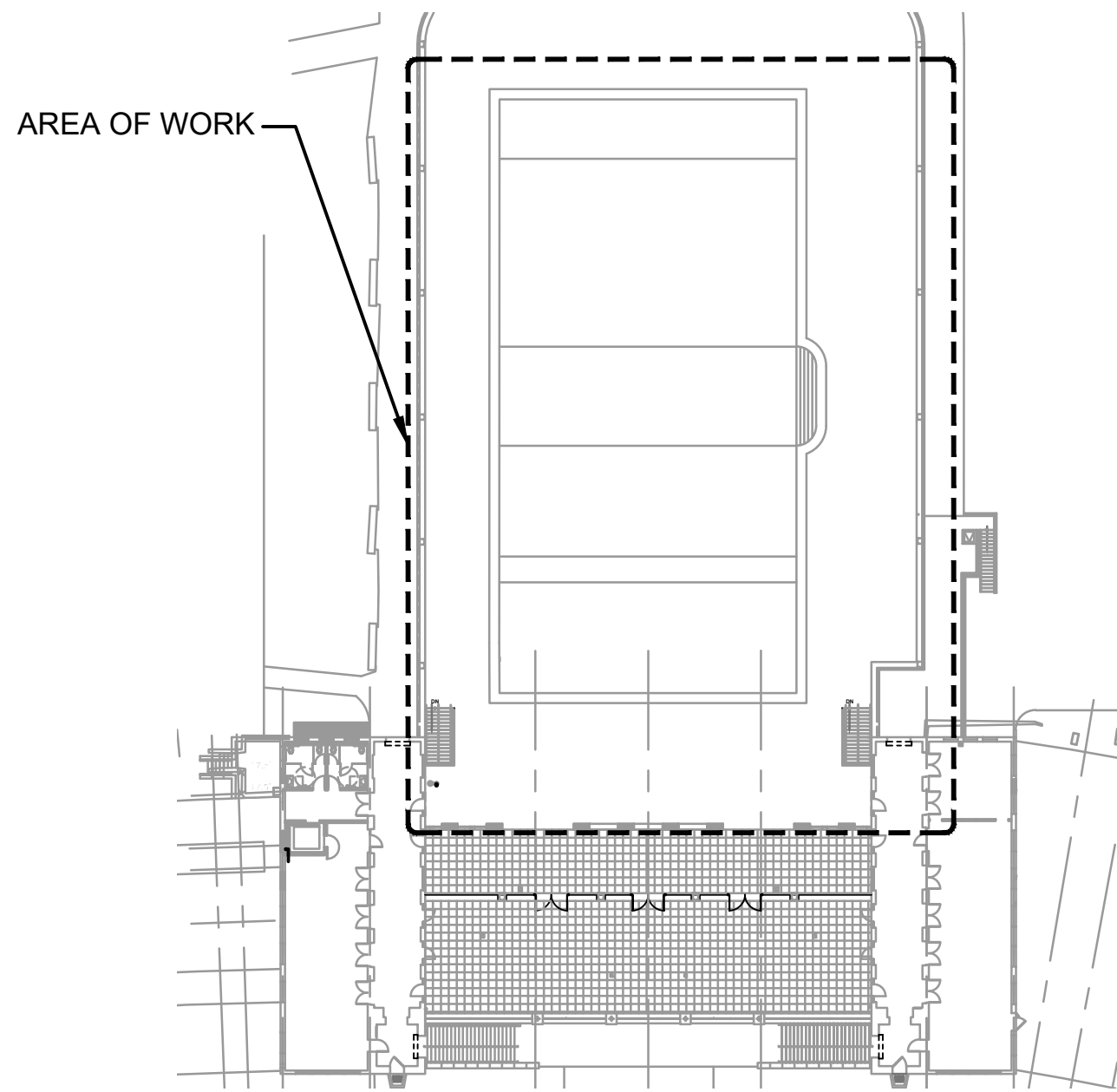
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
DOMESTIC PLUMBING PLAN  
POOL EQUIPMENT ROOM

CONTRACT NUMBER  
**20-504**  
SHEET NUMBER  
**P-105**  
SHEET NO. 118 OF 201  
SCALE: AS NOTED  
DATE: NOVEMBER 10, 2020  
DPW FILE NO.  
1-19-P-475  
REV. NO.  
0





**1 DOMESTIC PLUMBING PLAN OF POOL DECK LEVEL**  
P106 SCALE: 3/32" = 1'-0"



**KEY PLAN**  
NOT TO SCALE

WATER FOUNTAIN SCHEDULE (BASED ON ELKAY)

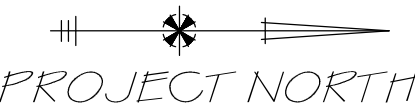
MFG.	MARK	MODEL	MODEL #	COLOR	OUTLET	NOTES
ELKAY	DF-2HC	EZH20 BI LEVEL OUTDOOR PEDESTAL BOTTLE FILLING STATION	LK4420BF1L	BY OWNER	1-1/2"	COLOR BY OWNER/ARCHITECT. PROVIDE NON FILTERED NON REFRIGERATED UNIT.

GROUND HYDRANT SCHEDULE (BASED ON ZURN)

MARK	MODEL NO.	MANF.	FINISH	CONN.	NOTES
GH-1	Z1360	ZURN	STAINLESS STEEL	3/4"	COORDINATE WITH G.C. TO DETERMINE DEPTH OF BURY. REFER TO MANUFACTURERS RECOMMENDATION WHEN LAYING OUT HYDRANT DRAINAGE. EXTERIOR DRAINAGE TO BE IN BED OF GRAVEL. INTERIOR DRAINAGE TO TIE INTO SANITARY SYSTEM.

SHOWER SCHEDULE

MFG.	MARK	MODEL	MODEL #	COLOR	NOTES
OUTDOOR SHOWER COMPANY	SH-3	FREE STANDING SHOWER	PS-2000-ADA	STAINLESS STEEL	1.75 GPM SHOWER HEAD WITH METERED PUSH VALVE.



**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.

IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION	

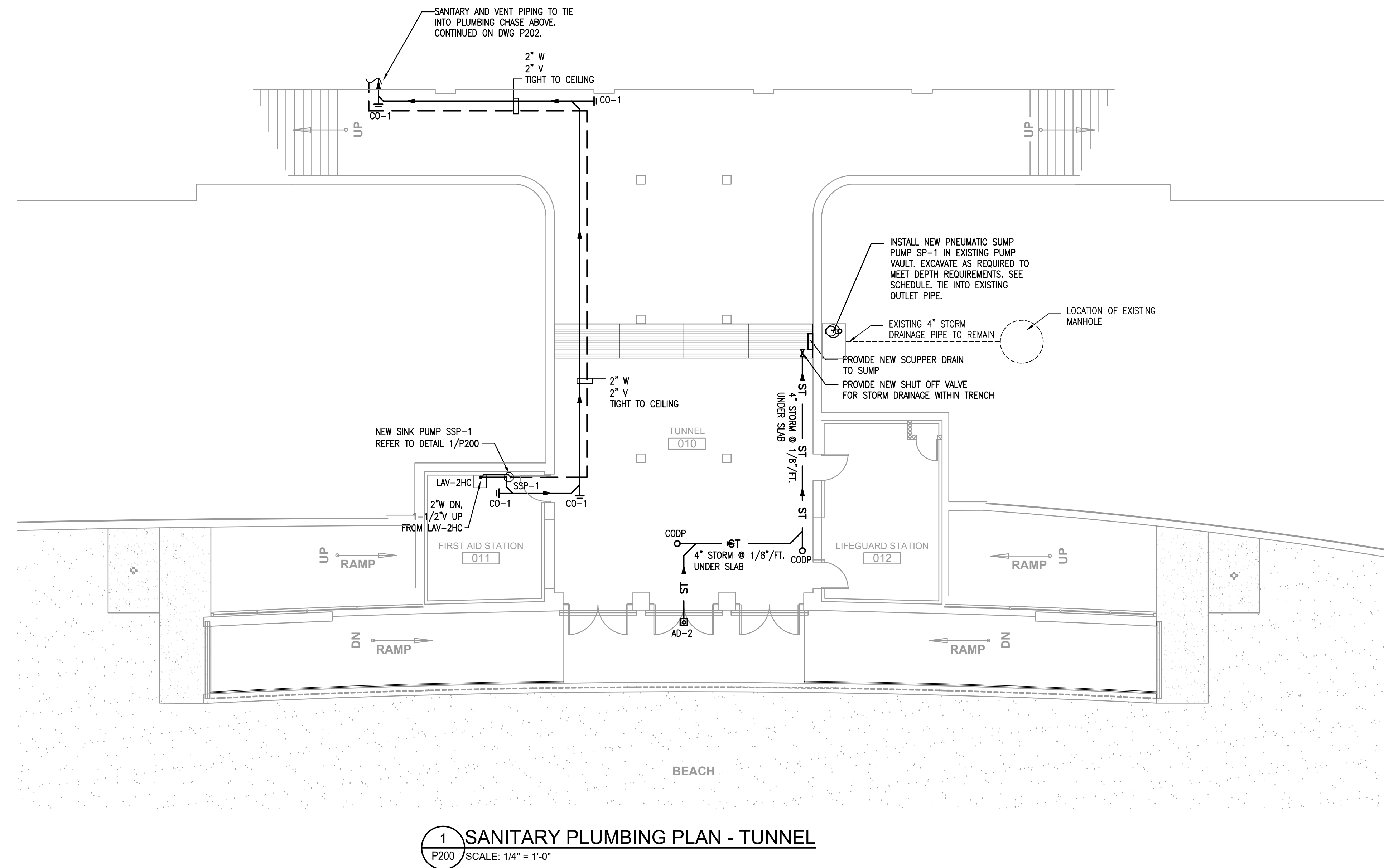
RECORD DRAWING CERTIFICATION					
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES					
CONTRACTOR			PROJECT COORDINATOR		
NAME			NAME		
SIGNATURE			SIGNATURE		
TITLE	DATE		TITLE	DATE	

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
**DOMESTIC PLUMBING PLAN**  
**POOL DECK LEVEL PLAN**

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-106</b>
SHEET NO. 119 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO.	
1-19-P-476	REV. NO. 0





1 SANITARY PLUMBING PLAN - TUNNEL  
P200 SCALE: 1/4" = 1'-0"

SUBMERSIBLE SUMP PUMP SCHEDULE:

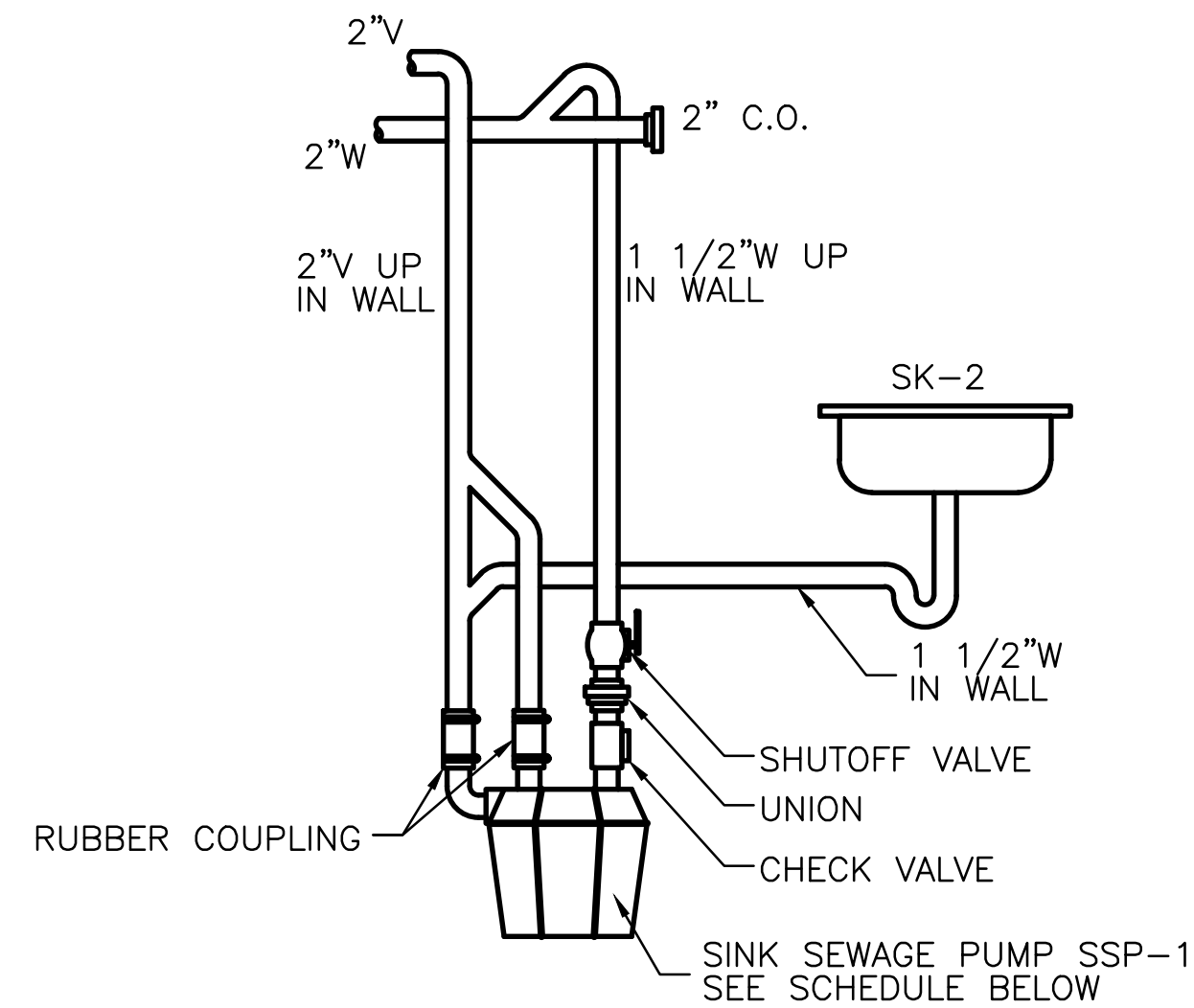
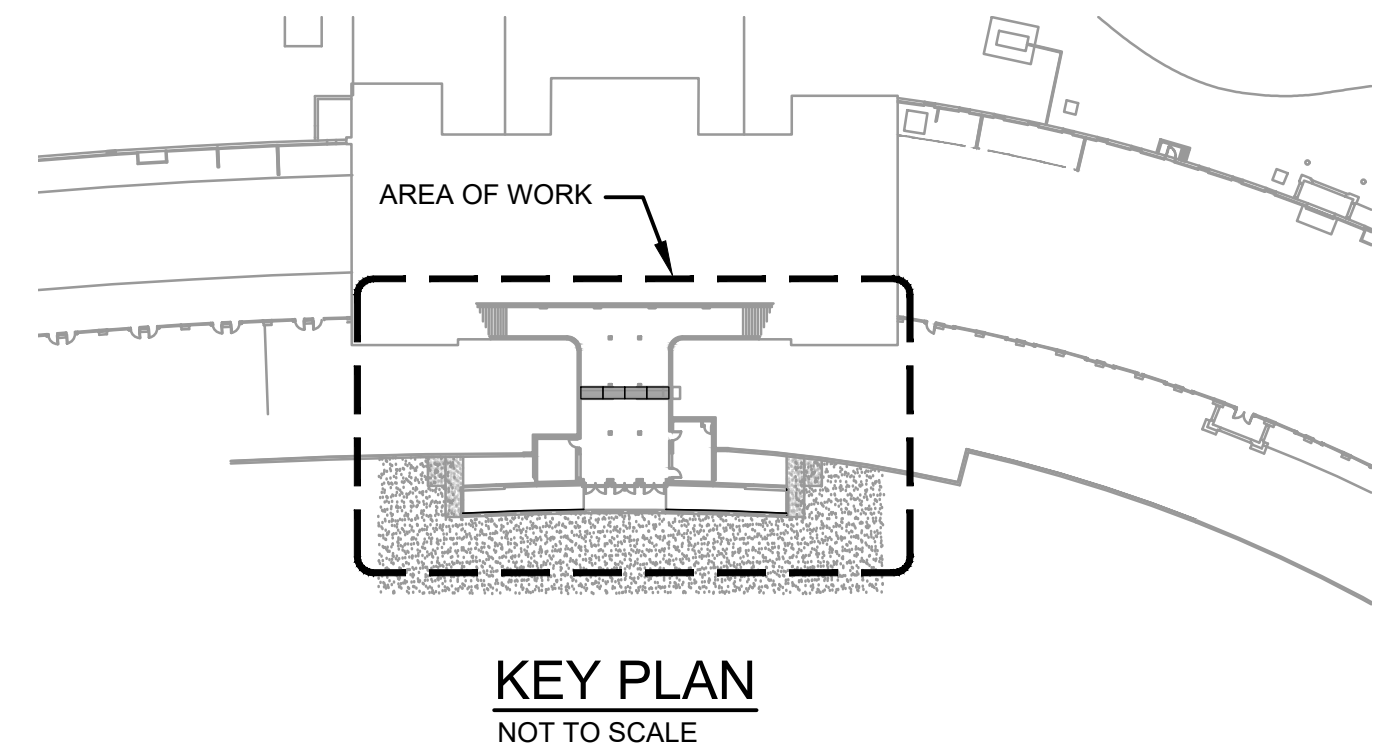
MARK	MFR.	MODEL #	GPM	HEAD IN FT.	PUMP DIA.	SUMP DEPTH	INLET SIZE	OUTLET SIZE	CONTROL PANEL	AIR INPUT CONN.	INPUT PRESSURE	SCFM	SET PSI	MAX PSI	MOTOR	POWER	RECEIVER	NOTES
SP-1	CHICAGO INDUSTRIAL PUMP COMPANY	PITBULL S3C	40 AVG	20	18" NOM.	22" MIN	3"	3"	AP300	3/4"	100 PSIG	18.1 @90PSIG	100 PSIG	155 PSIG	5.5HP PSIG	208V 1 PH 24 AMP	80 GAL.	STAINLESS STEEL CONSTRUCTION

SINK SEWAGE PUMP SCHEDULE:

MARK	MFR.	MODEL #	GPM/HEAD	H.P.	RPM	MOTOR ELECTRIC	AMPS	RECEIVER	MAX LIQUID TEMP.
SSP-1	LIBERTY PUMPS	404	25 GPM @ 12FT 5 GPM @ 18FT	1/3	3450	115/1/80	5.3	MOLDED POLYOLEFIN	140°F

AREA DRAIN SCHEDULE:

LOCATION	MARK	MFG.	MODEL #	OUTLET	DRAIN	NOTES
TUNNEL ENTRANCE	AD-2	ZURN	Z1730	4"ø	9" DIA	



1 FIRST AID SINK PUMP PIPING DETAIL  
Scale: NTS

PROJECT NORTH

**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300

CONSULTANT SEAL



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

IN CHARGE OF JHM  
CHECKED BY CAL  
MADE BY PAD

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

- ☐ AS BUILT - CHANGES AS NOTED  
☐ AS BUILT - NO CHANGES

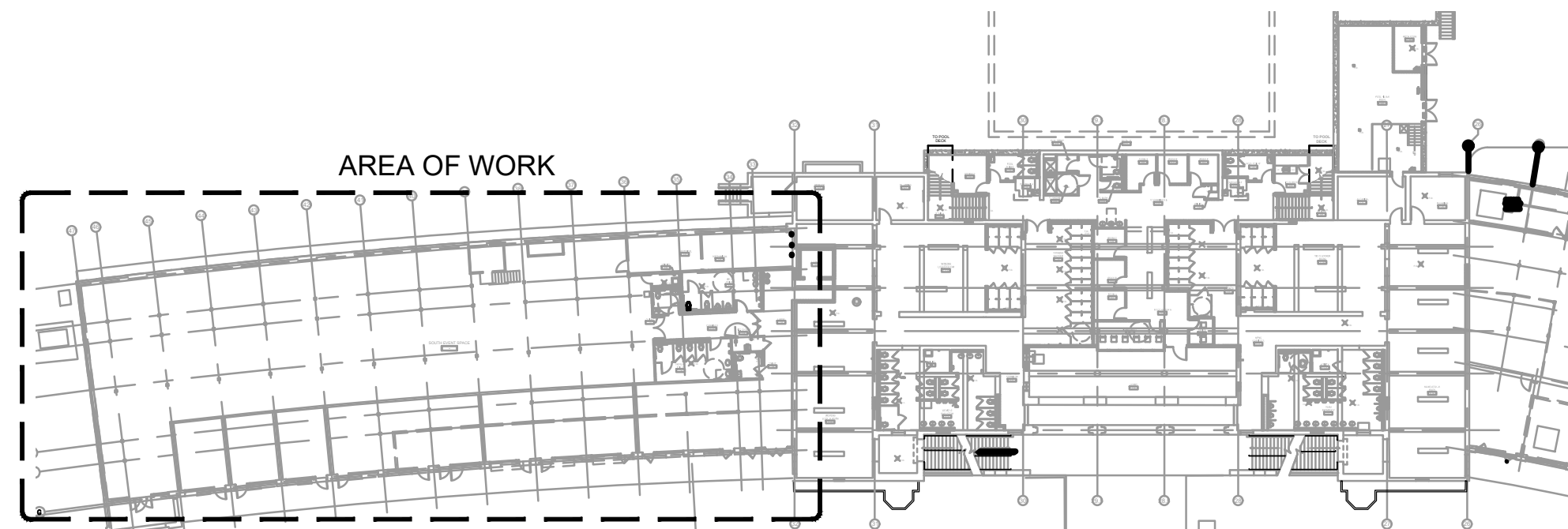
CONTRACTOR	PROJECT COORDINATOR
NAME _____ SIGNATURE _____ TITLE _____ DATE _____	NAME _____ SIGNATURE _____ TITLE _____ DATE _____

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

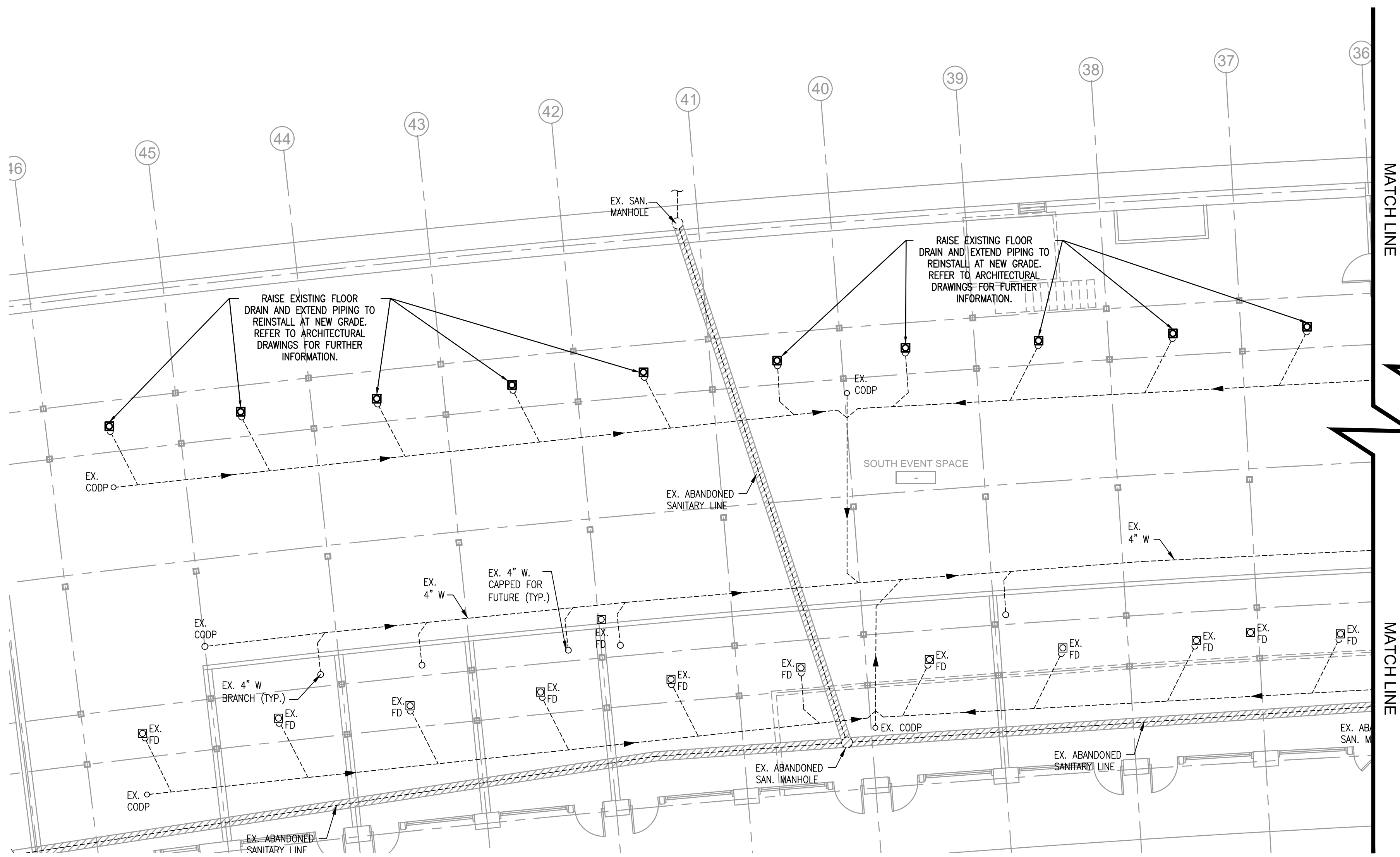
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
**SANITARY PLUMBING PLAN  
TUNNEL**

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-200</b>
SHEET NO. 120 OF 201	SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-P-477
REV. NO. <b>0</b>	

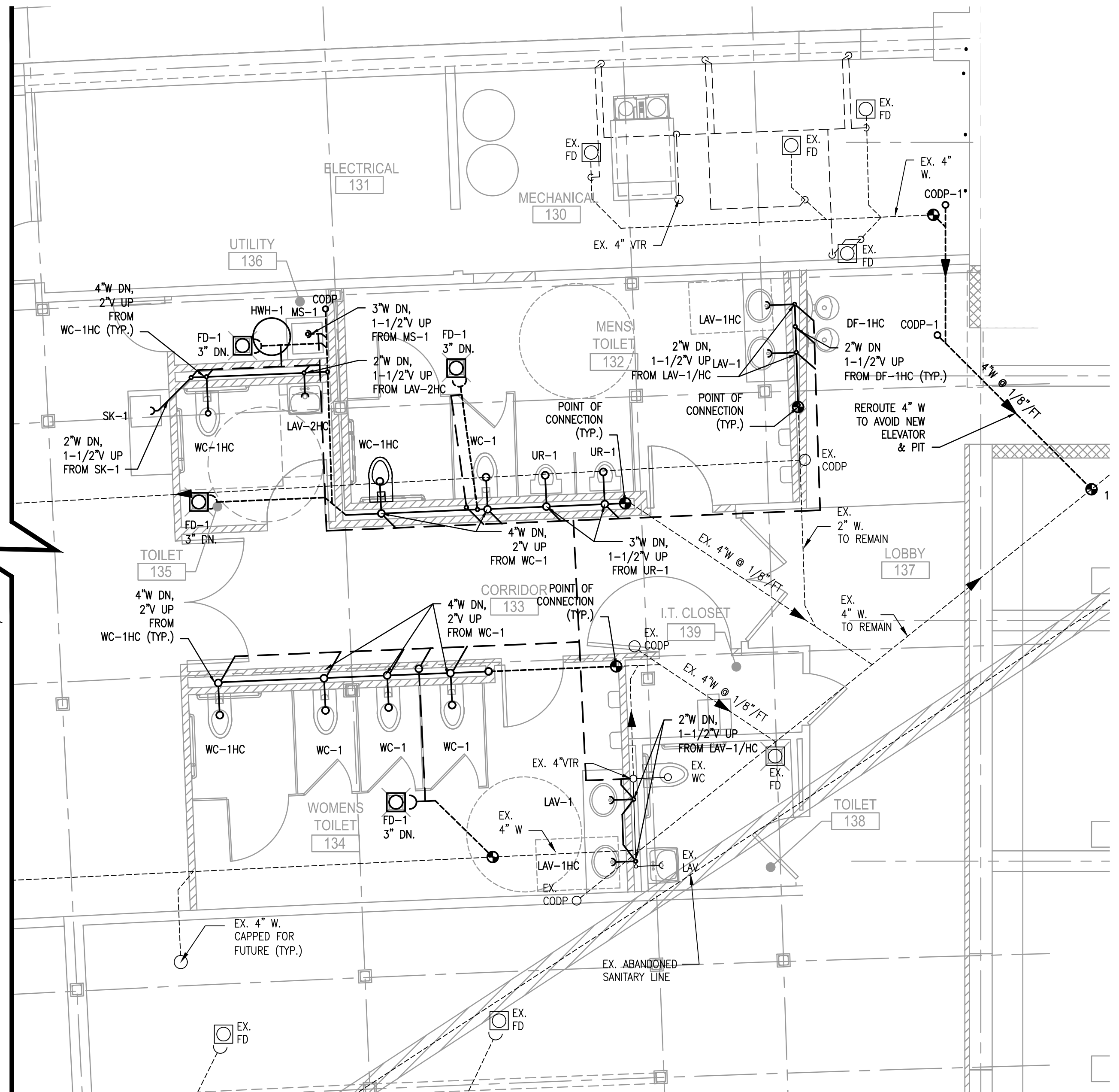




KEY PLAN  
NOT TO SCALE



1 SANITARY PLUMBING PLAN OF SOUTH EVENT SPACE  
P201 SCALE: 1/8" = 1'-0"



2 SANITARY PLUMBING PLAN OF SOUTH EVENT SPACE BATHROOMS  
P201 SCALE: 1/4" = 1'-0"



**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.  
  
IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

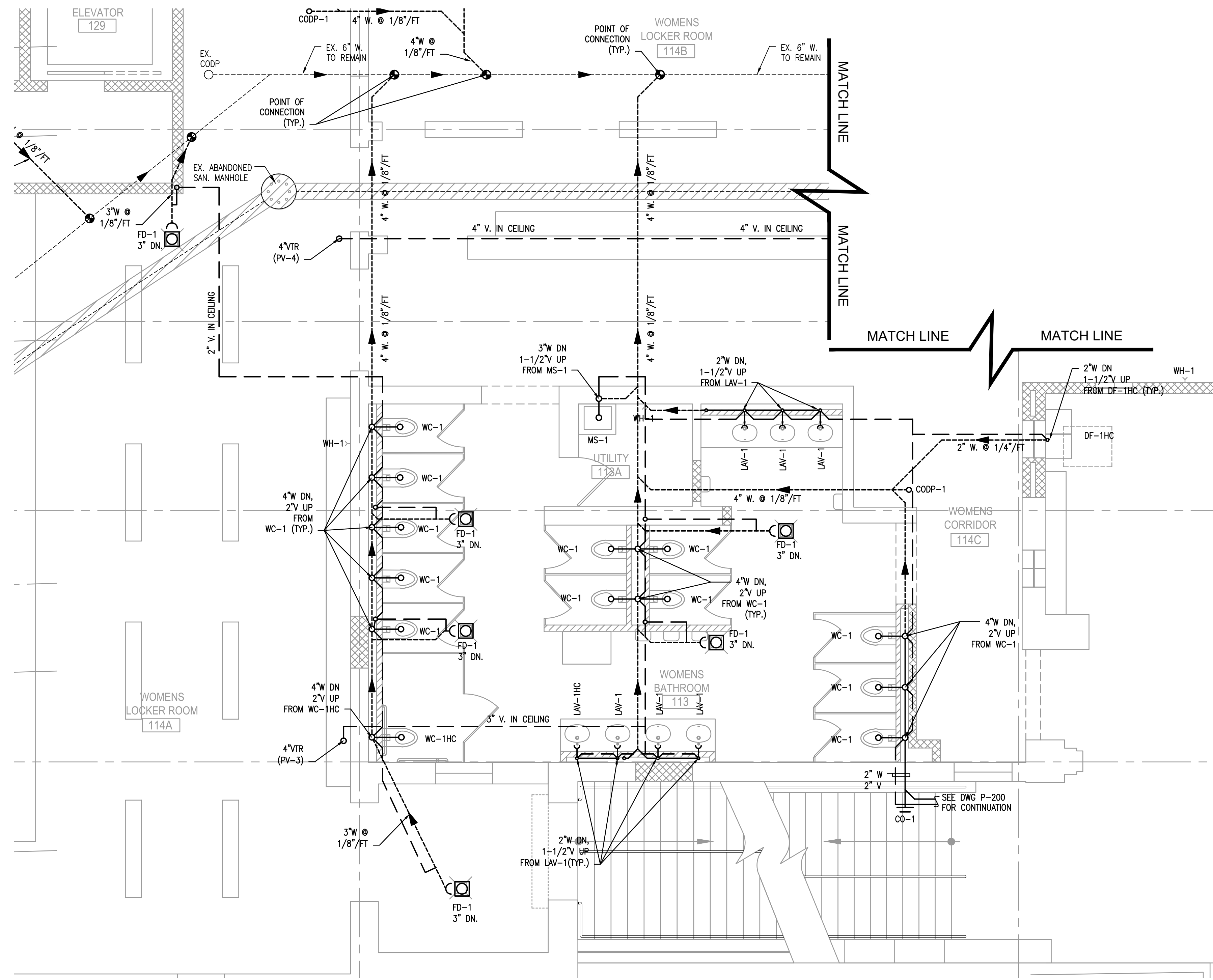
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

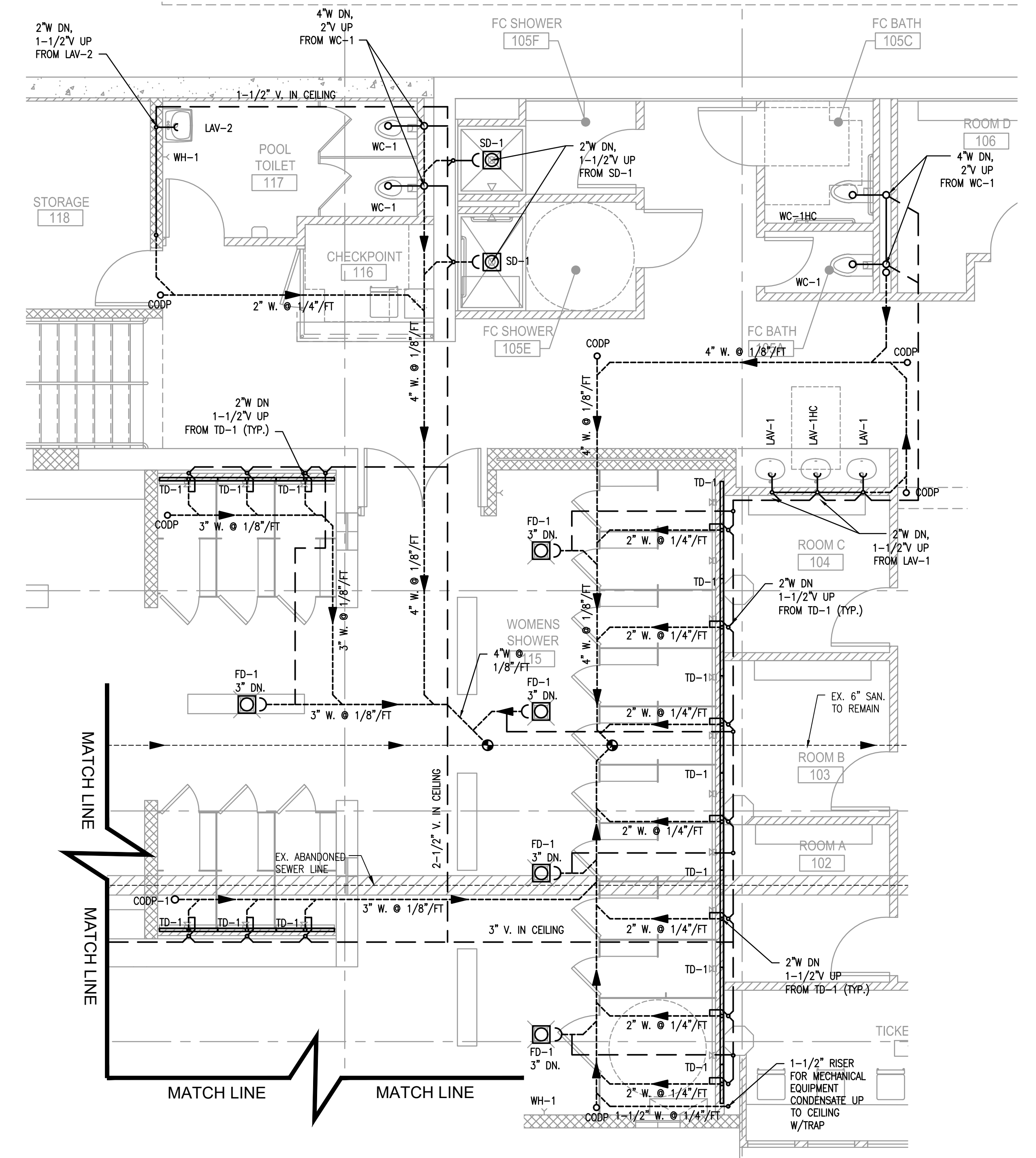
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING  
  
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
**SANITARY PLUMBING PLAN -  
SOUTH EVENT SPACE**

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-201</b>
SHEET NO. 121 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO.	
1-19-P-478	REV. NO. 0





**1 SANITARY PLUMBING PLAN OF WOMEN'S LOCKER ROOM BATHROOMS**  
 P202 SCALE: 1/4" = 1'-0"



**2 SANITARY PLUMBING PLAN OF WOMEN'S LOCKER ROOM SHOWERS AND FAMILY CHANGING BATHROOMS**  
 P202 SCALE: 1/4" = 1'-0"



**D&B ENGINEERS AND ARCHITECTS, P.C.**  
 4 WEST RED OAK LANE  
 WHITE PLAINS, NY, 10604  
 (914)467-5300



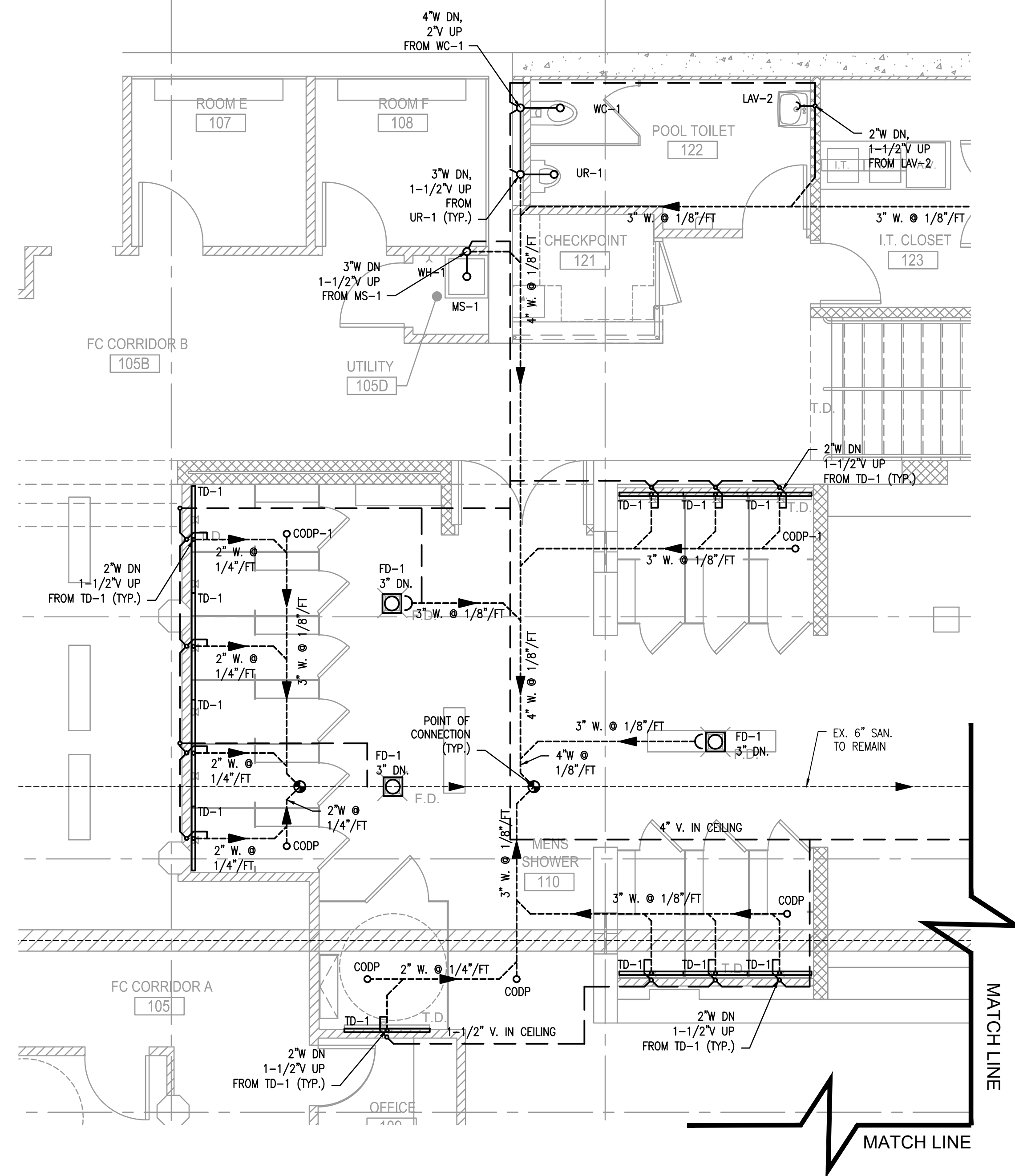
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.  
 IN CHARGE OF **JHM**  
 CHECKED BY **CAL**  
 MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

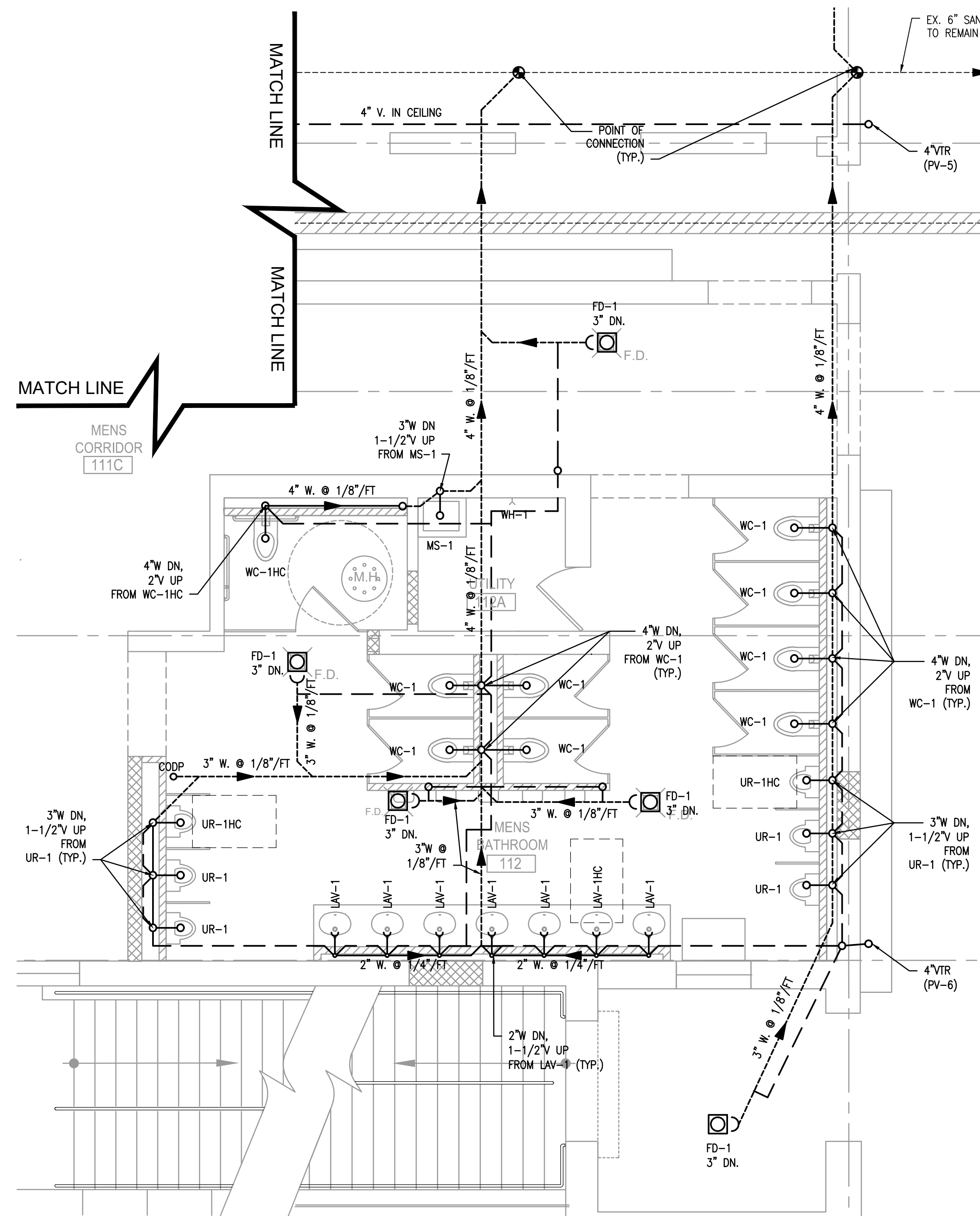
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED			
<input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-202</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK <b>SANITARY PLUMBING PLAN</b> <b>BATHHOUSE LEVEL WOMEN'S LOCKER ROOM</b>		SHEET NO. 122 OF 201	
		SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO.	REV. NO. 0
		1-19-P-479	

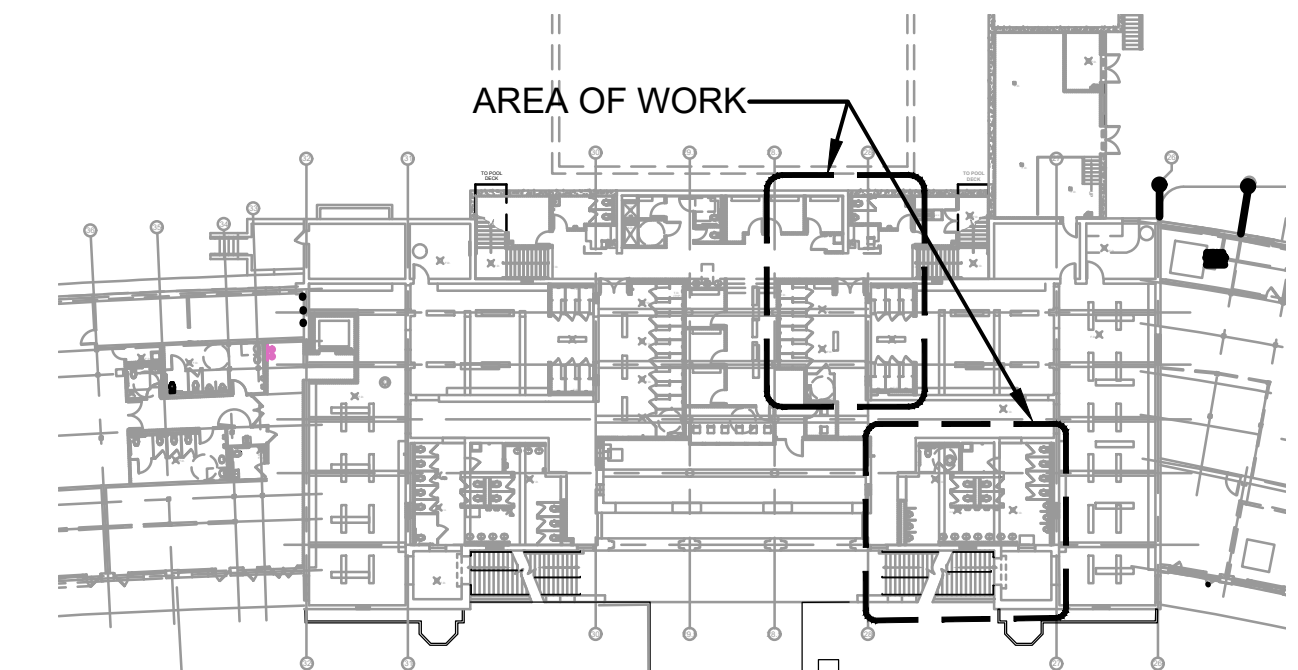




**1 SANITARY PLUMBING PLAN OF MEN'S LOCKER ROOM SHOWERS**  
 P203 SCALE: 1/4" = 1'-0"



**2 SANITARY PLUMBING PLAN OF MEN'S LOCKER ROOM BATHROOMS**  
 P203 SCALE: 1/4" = 1'-0"



**KEY PLAN**  
 NOT TO SCALE



**D&B ENGINEERS  
 AND  
 ARCHITECTS, P.C.**  
 4 WEST RED OAK LANE  
 WHITE PLAINS, NY,  
 10604  
 (914)467-5300



UNAUTHORIZED ALTERATION OR  
 ADDITION TO THIS DOCUMENT IS A  
 VIOLATION OF SECTION 7209 OF THE  
 NEW YORK STATE EDUCATION LAW.  
 IN CHARGE OF **JHM**  
 CHECKED BY **CAL**  
 MADE BY **PAD**

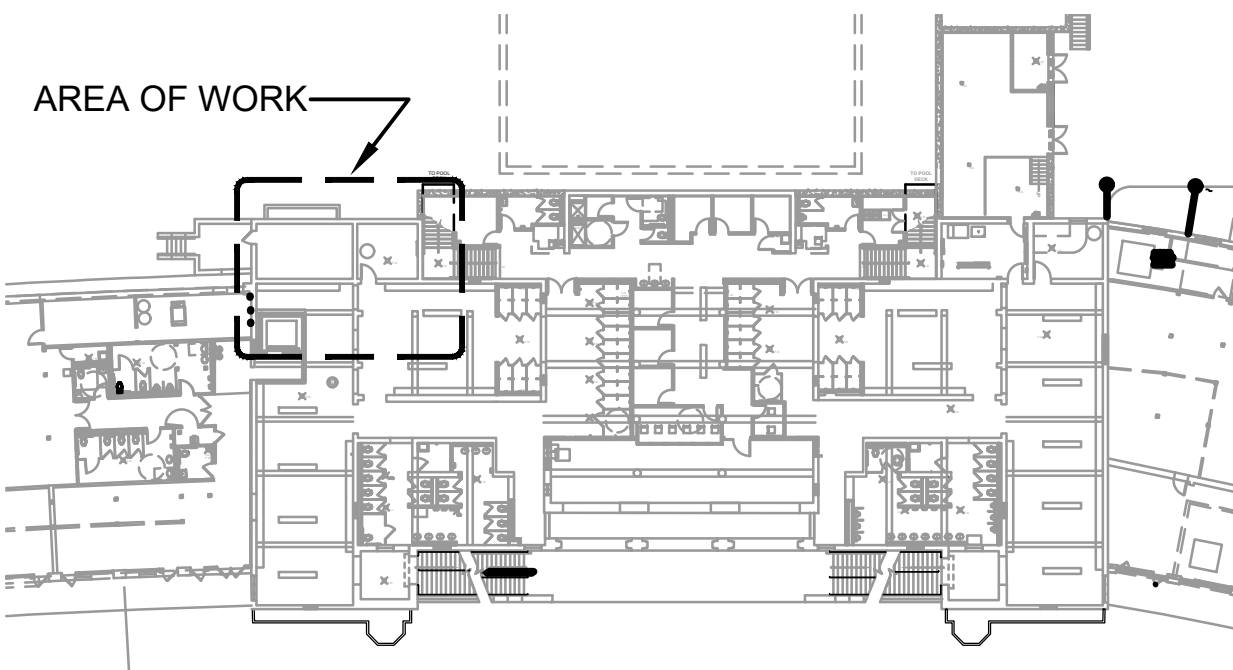
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

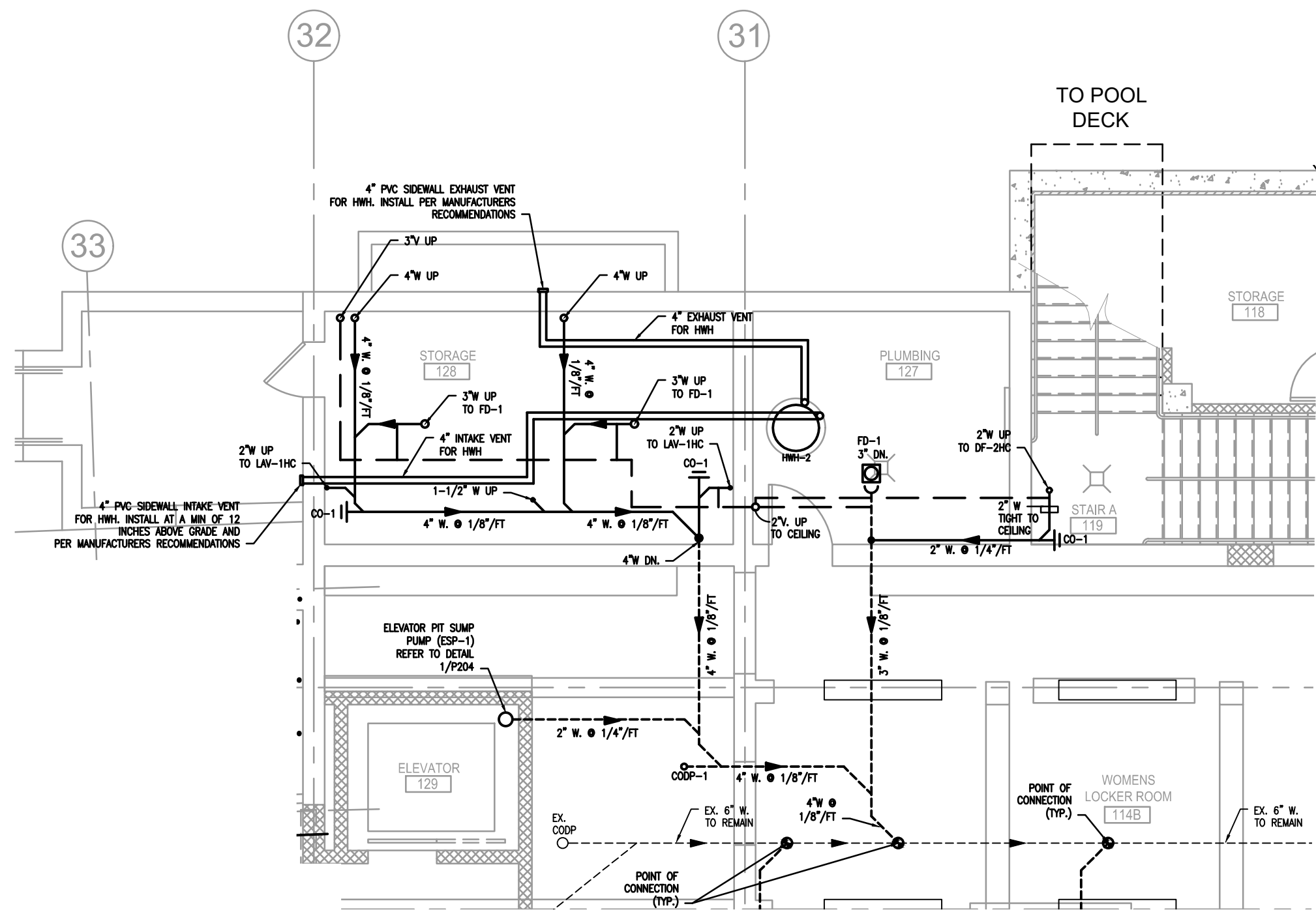
**WESTCHESTER COUNTY, NEW YORK**  
**DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION**  
 DIVISION OF ENGINEERING  
 REHABILITATION OF POOL AND BATHHOUSE  
 PLAYLAND PARK, RYE, NEW YORK  
**SANITARY PLUMBING PLAN**  
**BATHHOUSE LEVEL MENS LOCKER ROOM**

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-203</b>
SHEET NO. 123 OF 201	
SCALE: AS NOTED	
DATE: NOVEMBER 10, 2020	
DPW FILE NO.	
1-19-P-480	REV. NO. 0





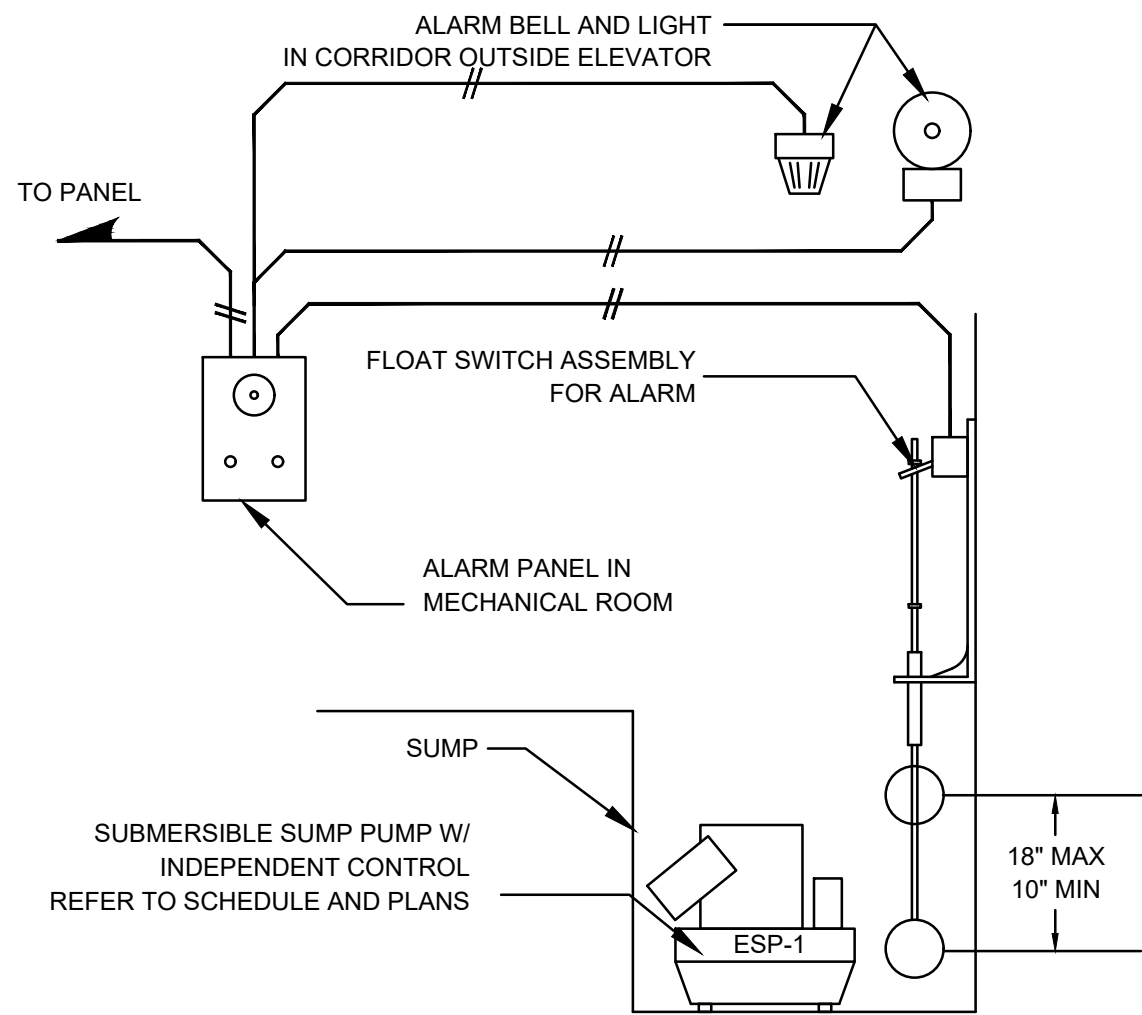
KEY PLAN  
NOT TO SCALE



1 SANITARY PLUMBING PLAN OF WOMENS LOCKER ROOM STORAGE ROOM  
P204 SCALE: 1/4" = 1'-0"

ELEVATOR SUMP PUMP SCHEDULE									
MARK	MFG.	MODEL #	MIN. SUMP DIA.	O.A. PUMP HT.	DISCHARGE	CORD	MAX. AMB. TEMP.	WGT.	STD. FLOAT TRAVEL
ESP-1	FEDERAL PUMP CORP.	1 1/2P-1/3-4	12"	12"	1 1/2"	20'	130°F	40 LBS.	9"

NOTE: PROVIDE GATE VALVE, CHECK VALVE AND COVER.



1 ELEVATOR PIT SUMP PUMP DETAIL  
Scale: NTS

PROJECT NORTH

**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.

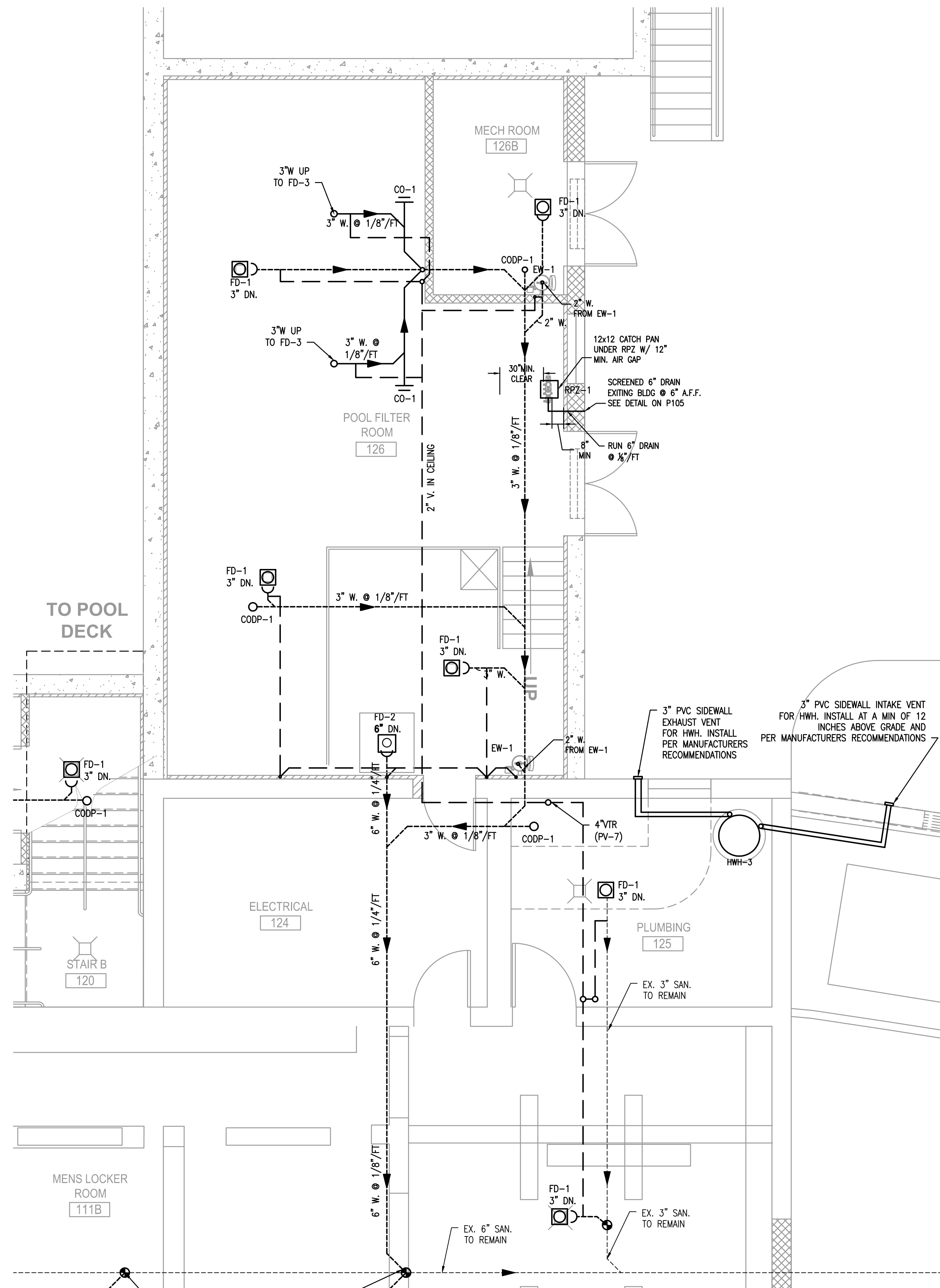
IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

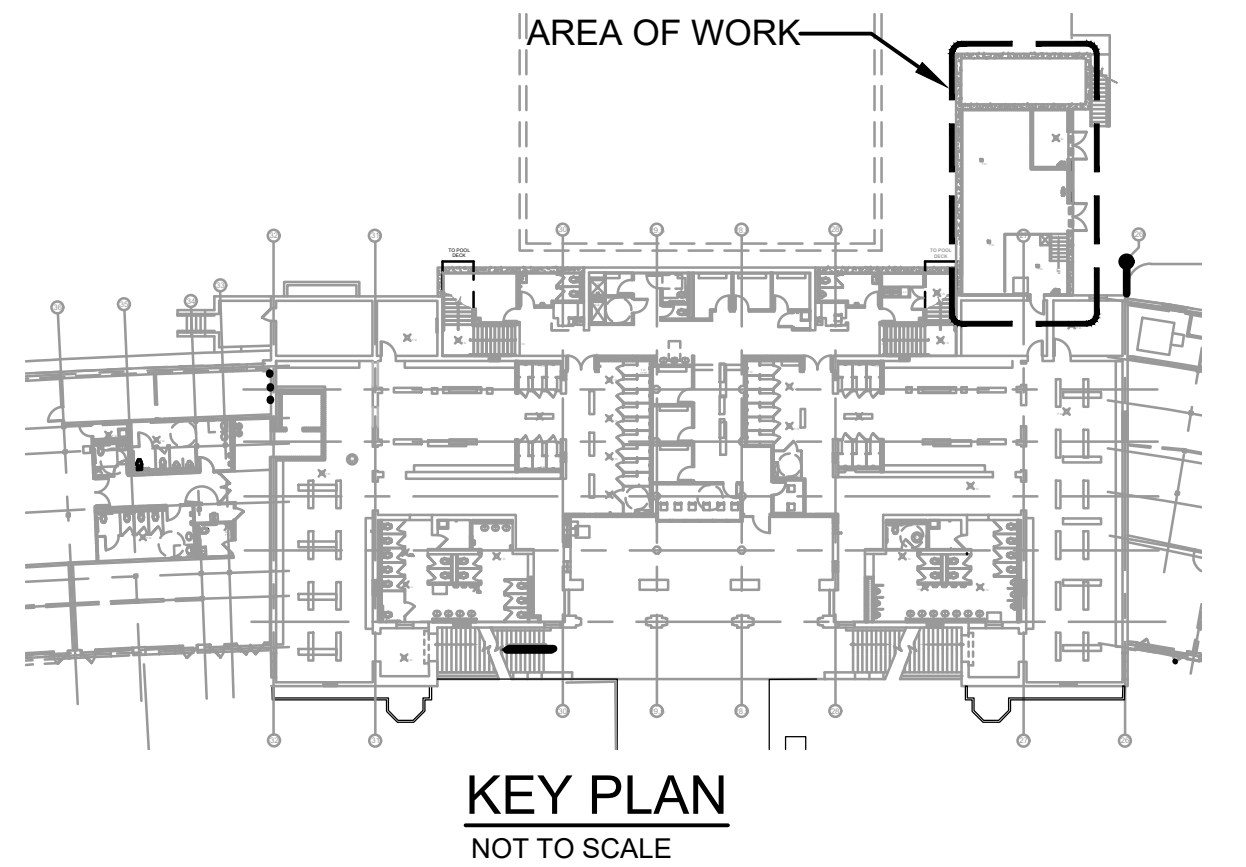
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING	CONTRACT NUMBER 20-504	SHEET NUMBER P-204
	SHEET NO. 124 OF 201	
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK SANITARY PLUMBING PLAN BATHHOUSE LEVEL, WOMEN'S LOCKER ROOM STORAGE	SCALE: AS NOTED DATE: NOVEMBER 10, 2020	
	DPW FILE NO. 1-19-P-481	REV. NO. 0





1 SANITARY PLUMBING PLAN OF POOL EQUIPMENT ROOM  
P205 SCALE: 1/4" = 1'-0"



CLEANOUT SCHEDULE:

MARK	LOCATION	MFG.	MODEL #	SIZE	BODY	PIPE	TYPE
COOP-1	SEE PLANS	ZURN	ZANB-1456	4"Ø	C.I.	C.I.	FLOOR
CO-1	SEE PLANS	ZURN	Z-1440-A	4"Ø	C.I.	C.I.	WALL/PARTITION

FLOOR DRAIN SCHEDULE:

LOCATION	MARK	MFG.	MODEL #	PIPE SIZE	BODY	NOTES
EQUIP ROOM	FD-1	ZURN	ZN-415-P-VP	3"Ø	C.I.	W/DEEP SEAL TRAP AND 1/2" PRIMER TAP
EQUIP ROOM	FD-2	ZURN	Z610	6"Ø	C.I.	W/DEEP SEAL TRAP AND 1/2" PRIMER TAP
POOL DECK	FD-3	ZURN	Z610	3"Ø	C.I.	W/DEEP SEAL TRAP AND 1/2" PRIMER TAP

AREA DRAIN SCHEDULE:

LOCATION	MARK	MFG.	MODEL #	OUTLET	DRAIN	NOTES
POOL DECK	AD-1	ZURN	Z158	4"Ø	10" SQ.	VANDAL RESISTANT WITH SEDIMENT BUCKET



**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



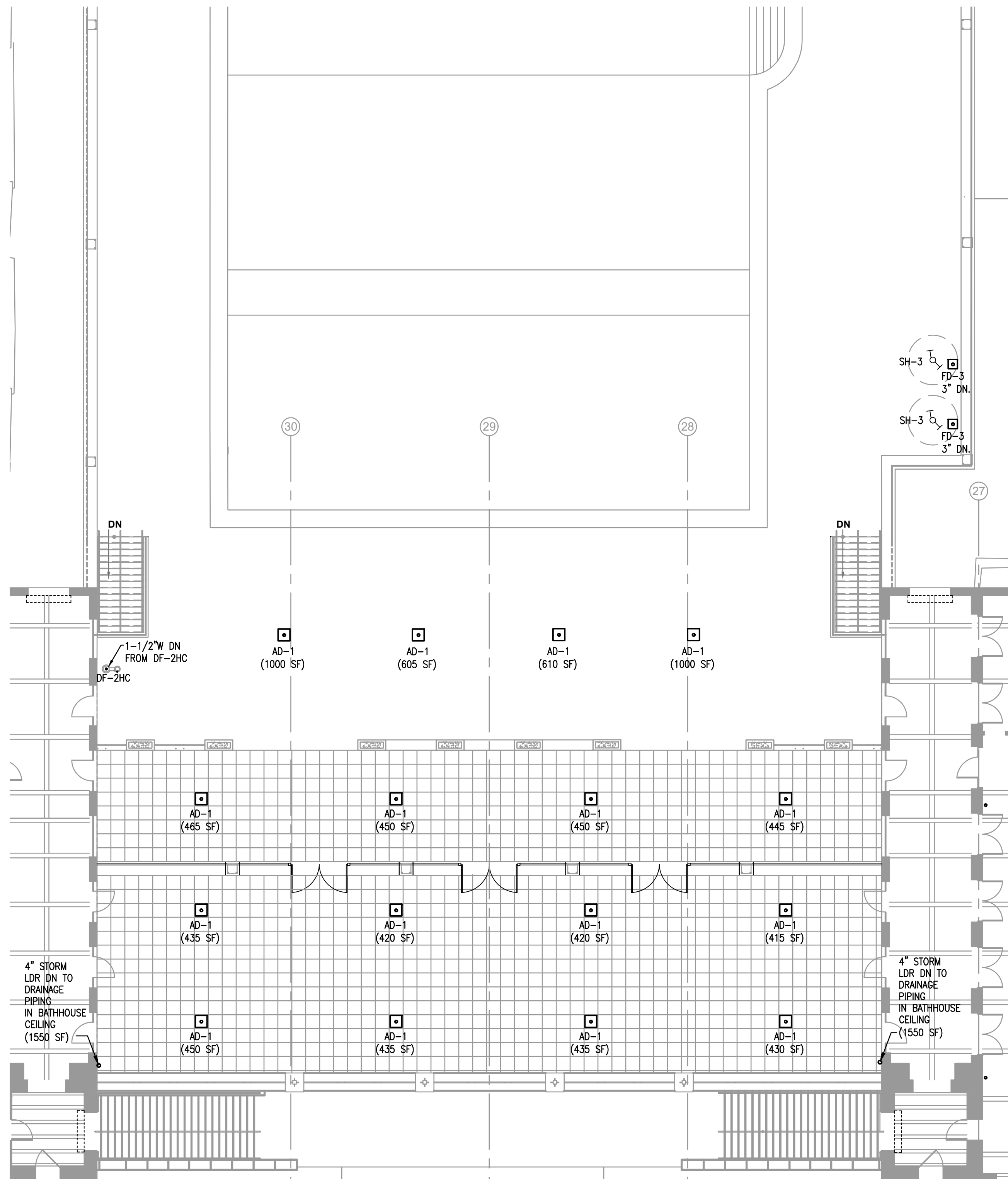
UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.  
  
IN CHARGE OF JHM  
CHECKED BY CAL  
MADE BY PAD

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____ DATE _____	TITLE _____ DATE _____	TITLE _____ DATE _____	TITLE _____ DATE _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING  REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK  SANITARY PLUMBING PLAN POOL EQUIPMENT ROOM	CONTRACT NUMBER 20-504	SHEET NUMBER P-205
	SHEET NO. 125 OF 201	
	SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-P-482	REV. NO. 0





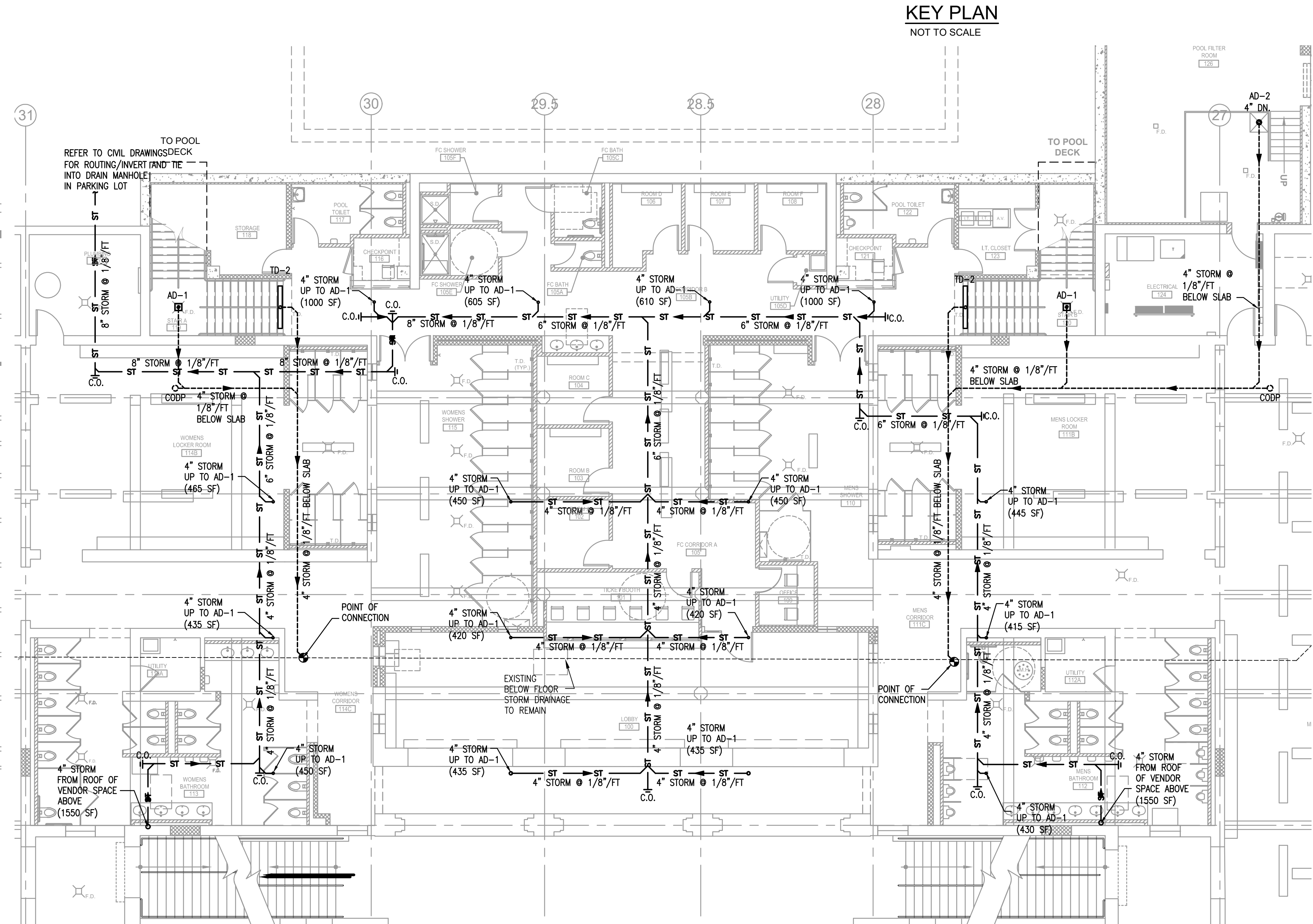
**1 SANITARY PLUMBING & STORM DRAINAGE PLAN OF POOL DECK**  
P206 SCALE: 3/32" = 1'-0"

AREA DRAIN SCHEDULE:

LOCATION	MARK	MFG.	MODEL #	OUTLET	DRAIN	NOTES
POOL DECK	AD-1	ZURN	Z158	4"Ø	10" SQ.	VANDAL RESISTANT WITH SEDIMENT BUCKET
EQUIP ROOM	AD-2	ZURN	Z507	4"Ø	7"Ø	VANDAL RESISTANT WITH SEDIMENT BUCKET

TRENCH DRAIN SCHEDULE:

LOCATION	MARK	MFG.	MODEL #	OUTLET	DRAIN	NOTES
STAIRS	TD-2	ZURN	Z890	4"Ø	6" WIDE	PROVIDE WITH BOTTOM OUTLET



**2 STORM DRAINAGE PLAN OF PARTIAL BATHHOUSE LEVEL**  
P206 SCALE: 3/32" = 1'-0"



CONSULTANT SEAL



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

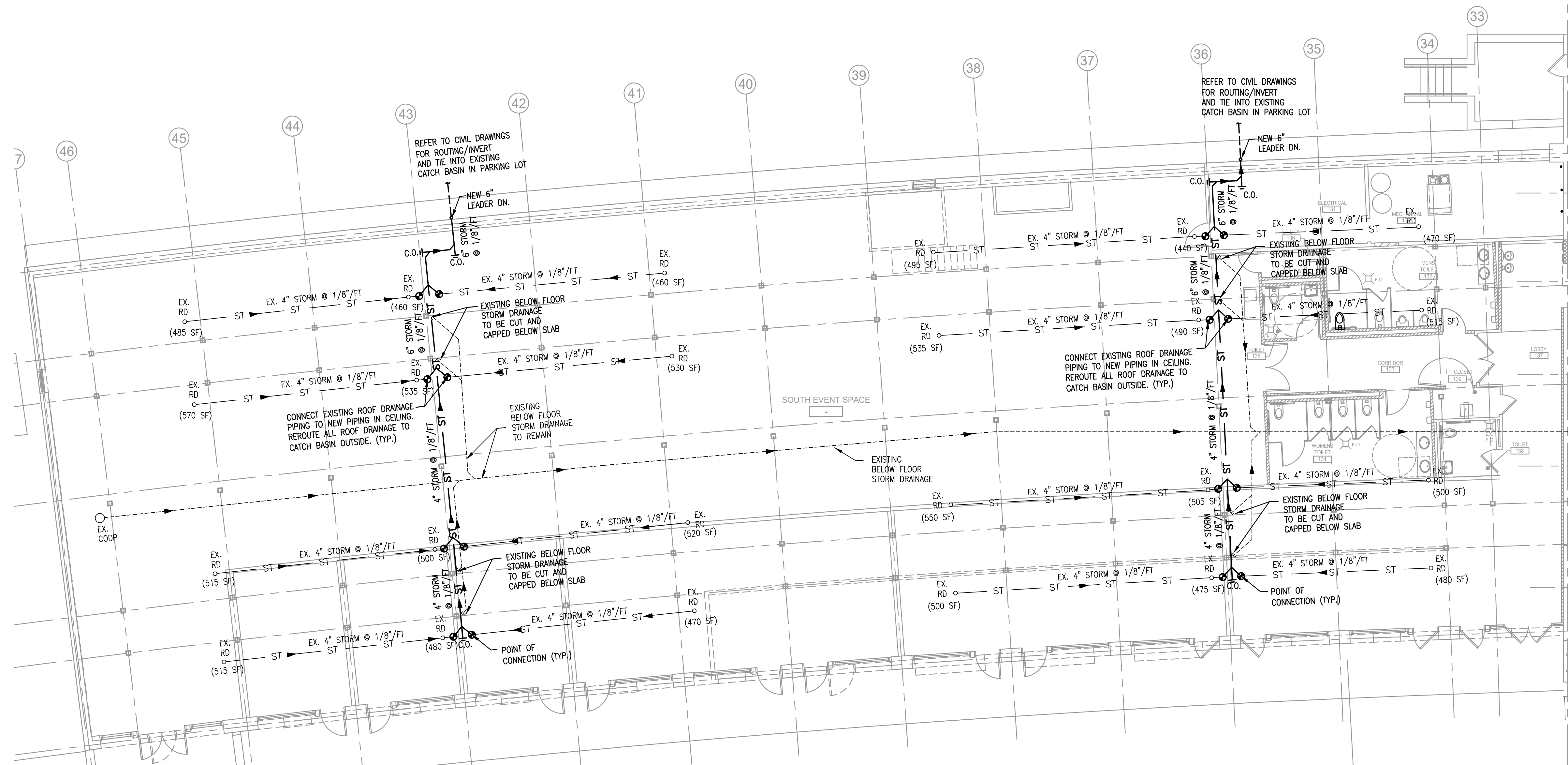
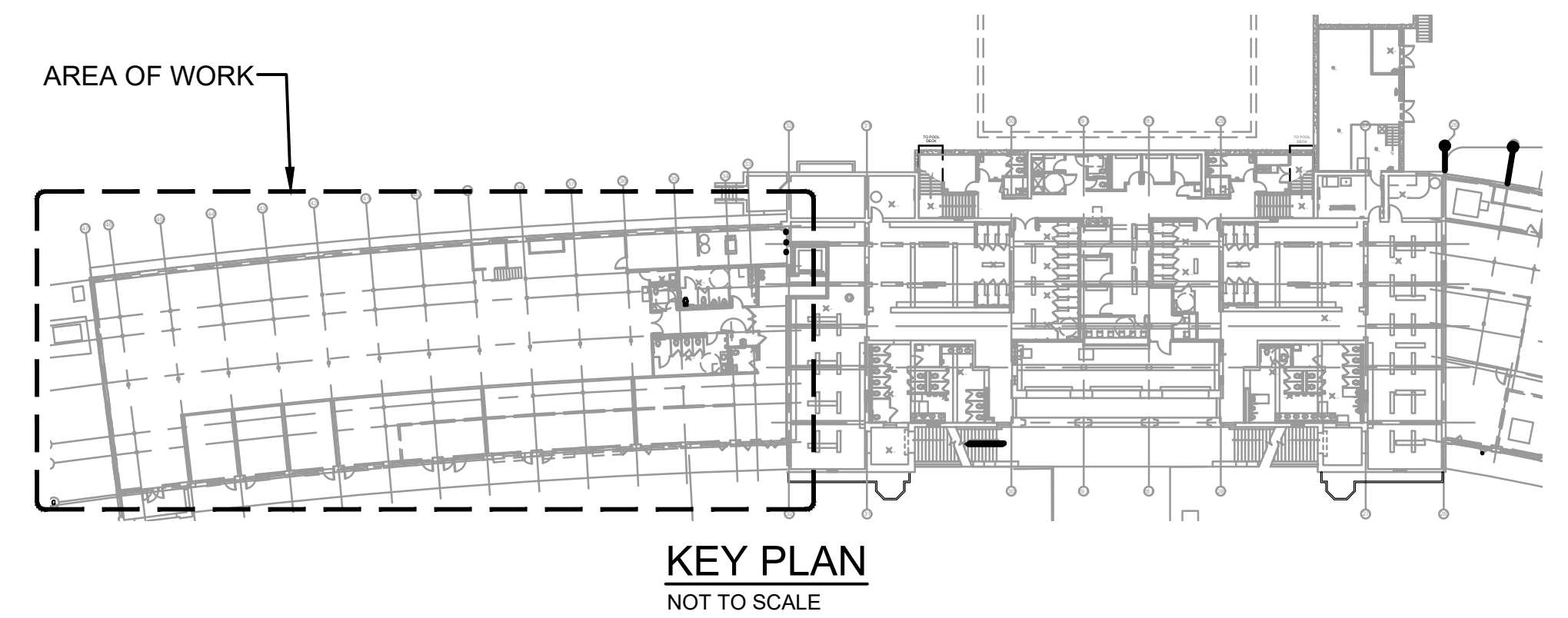
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING	
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK SANITARY/STORM DRAINAGE PLUMBING PLAN POOL DECK LEVEL	

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-206</b>
SHEET NO. 126 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO.	
1-19-P-483	REV. NO. 0





**1 STORM DRAINAGE PLAN OF SOUTH EVENT SPACE**  
P207 SCALE: 3/32" = 1'-0"

PROJECT NORTH

**D&B ENGINEERS  
AND  
ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300



UNAUTHORIZED ALTERATION OR  
ADDITION TO THIS DOCUMENT IS A  
VIOLATION OF SECTION 7209 OF THE  
NEW YORK STATE EDUCATION LAW.

IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

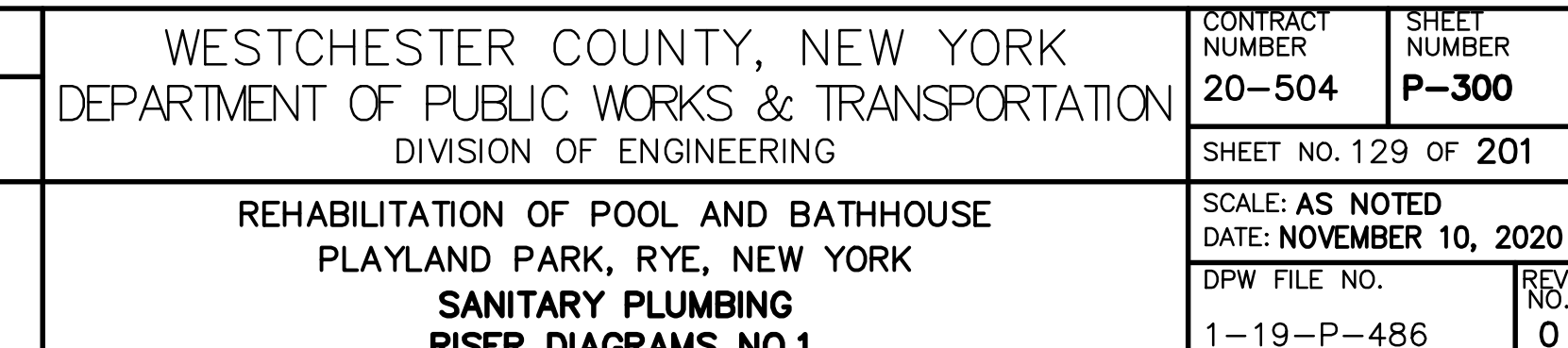
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/>	AS BUILT - CHANGES AS NOTED		
<input type="checkbox"/>	AS BUILT - NO CHANGES		
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-207</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK <b>STORM DRAINAGE PLAN SOUTH EVENT SPACE</b>		SHEET NO. 127 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO.		REV. NO. 0	
1-19-P-484			

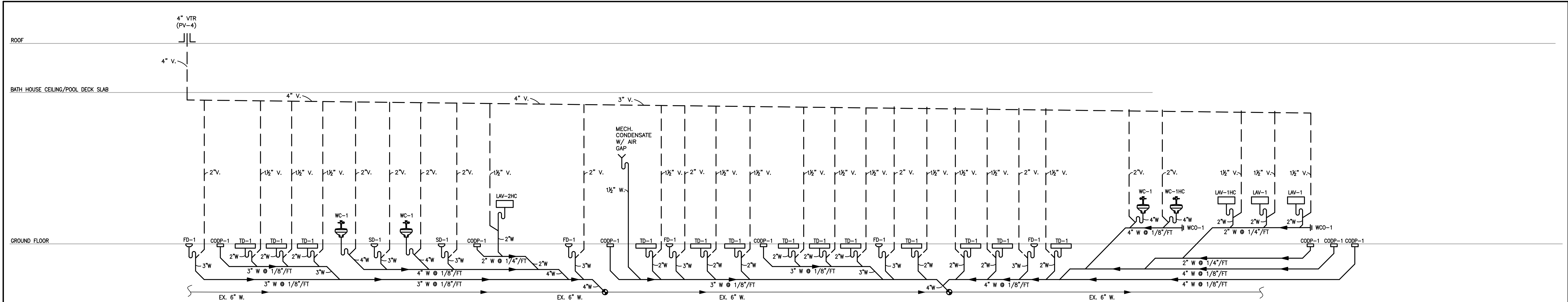




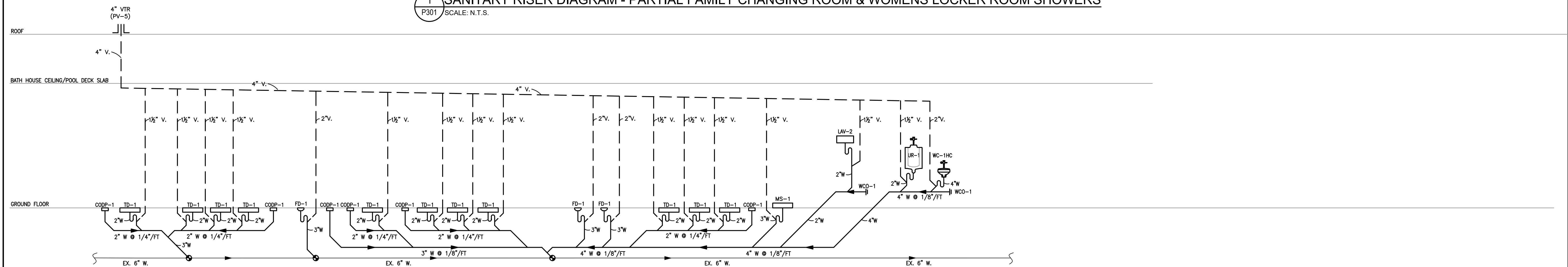




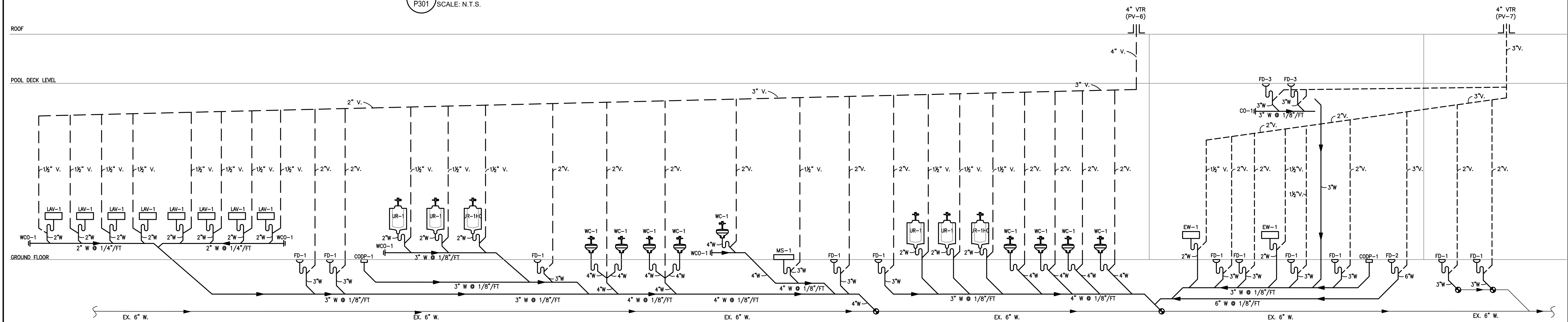




**1 SANITARY RISER DIAGRAM - PARTIAL FAMILY CHANGING ROOM & WOMENS LOCKER ROOM SHOWERS**  
P301 SCALE: N.T.S.



**2 SANITARY RISER DIAGRAM - PARTIAL FAMILY CHANGING ROOM & MENS LOCKER ROOM SHOWERS**  
P301 SCALE: N.T.S.



**3 SANITARY RISER DIAGRAM - MEN'S LOCKER ROOM BATHROOM & POOL EQUIPMENT ROOM**  
P301 SCALE: N.T.S.

**D&B ENGINEERS AND ARCHITECTS, P.C.**  
4 WEST RED OAK LANE  
WHITE PLAINS, NY,  
10604  
(914)467-5300

CONSULTANT SEAL



UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

IN CHARGE OF **JHM**  
CHECKED BY **CAL**  
MADE BY **PAD**

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

- ☐ AS BUILT - CHANGES AS NOTED  
☐ AS BUILT - NO CHANGES

CONTRACTOR

NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT COORDINATOR

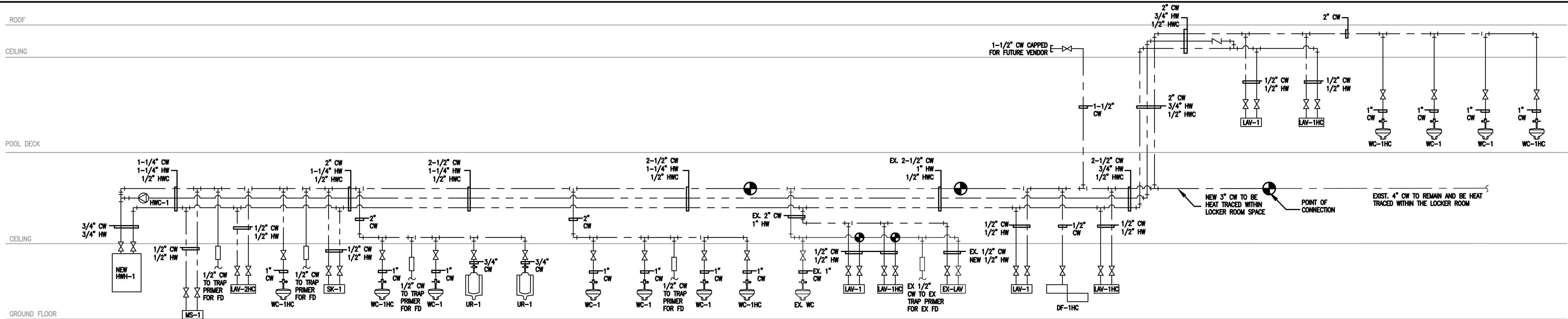
NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

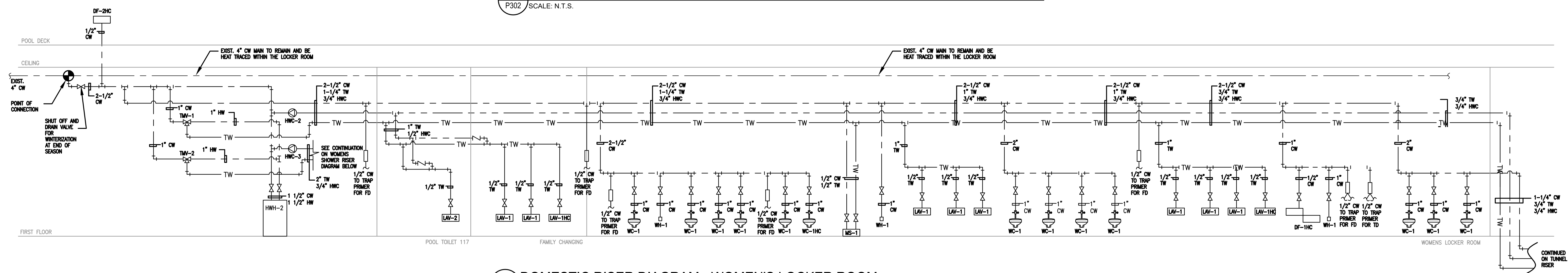
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
**SANITARY PLUMBING  
RISER DIAGRAMS- NO. 2**

CONTRACT NUMBER  
**20-504**  
SHEET NUMBER  
**P-301**  
SHEET NO. 130 OF 201  
SCALE: AS NOTED  
DATE: NOVEMBER 10, 2020  
DPW FILE NO.  
1-19-P-487  
REV. NO.  
0

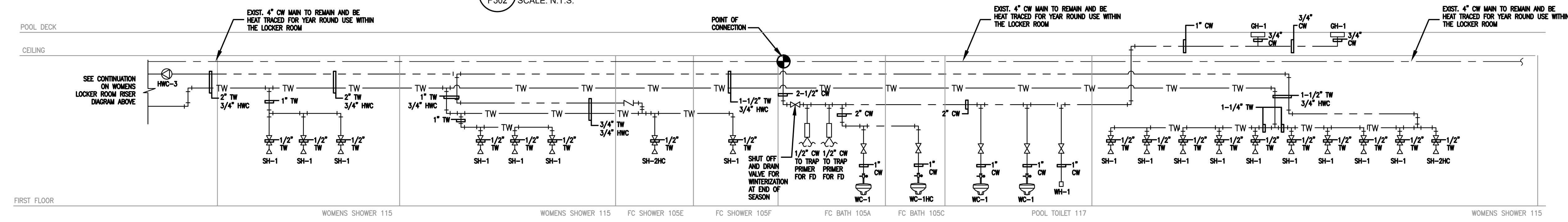




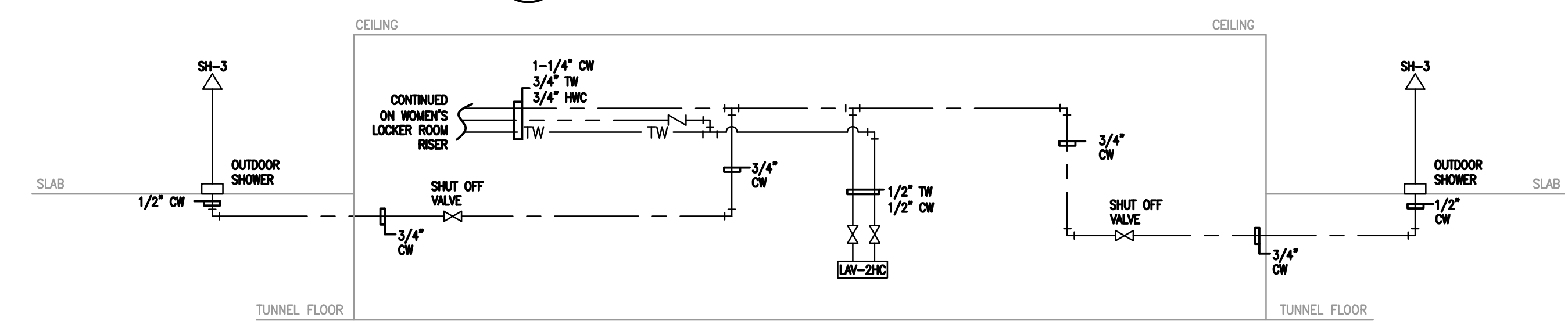
**1 DOMESTIC RISER DIAGRAM - SOUTH EVENT SPACE & POOL DECK BATHROOMS**  
 P302 SCALE: N.T.S.



**2 DOMESTIC RISER DIAGRAM - WOMEN'S LOCKER ROOM**  
 P302 SCALE: N.T.S.



**3 DOMESTIC RISER DIAGRAM - WOMEN'S SHOWER**  
 P302 SCALE: N.T.S.



**4 DOMESTIC RISER DIAGRAM - TUNNEL**  
 P302 SCALE: N.T.S.

**D&B ENGINEERS AND ARCHITECTS, P.C.**  
 4 WEST RED OAK LANE  
 WHITE PLAINS, NY, 10604  
 (914)467-5300



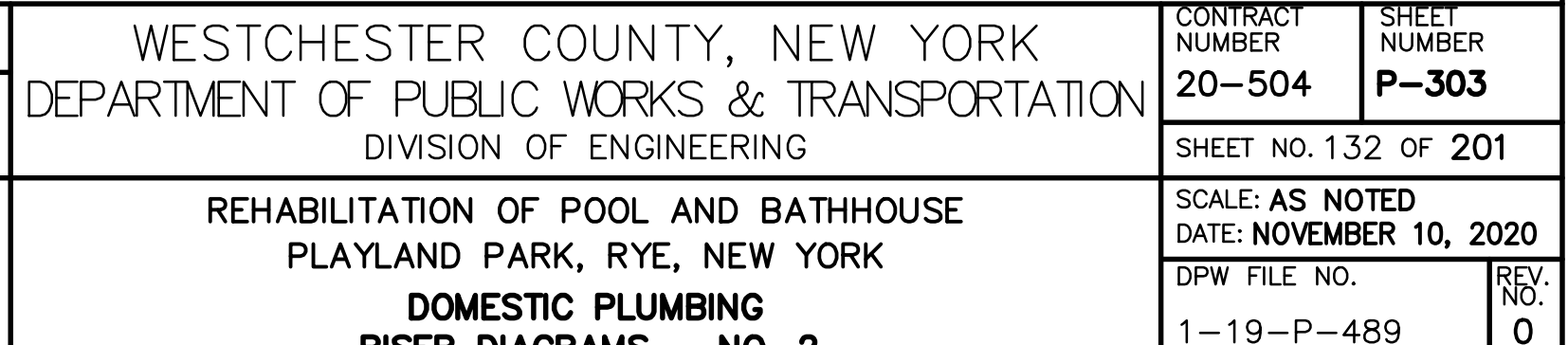
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.  
 IN CHARGE OF JHM  
 CHECKED BY CAL  
 MADE BY PAD

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

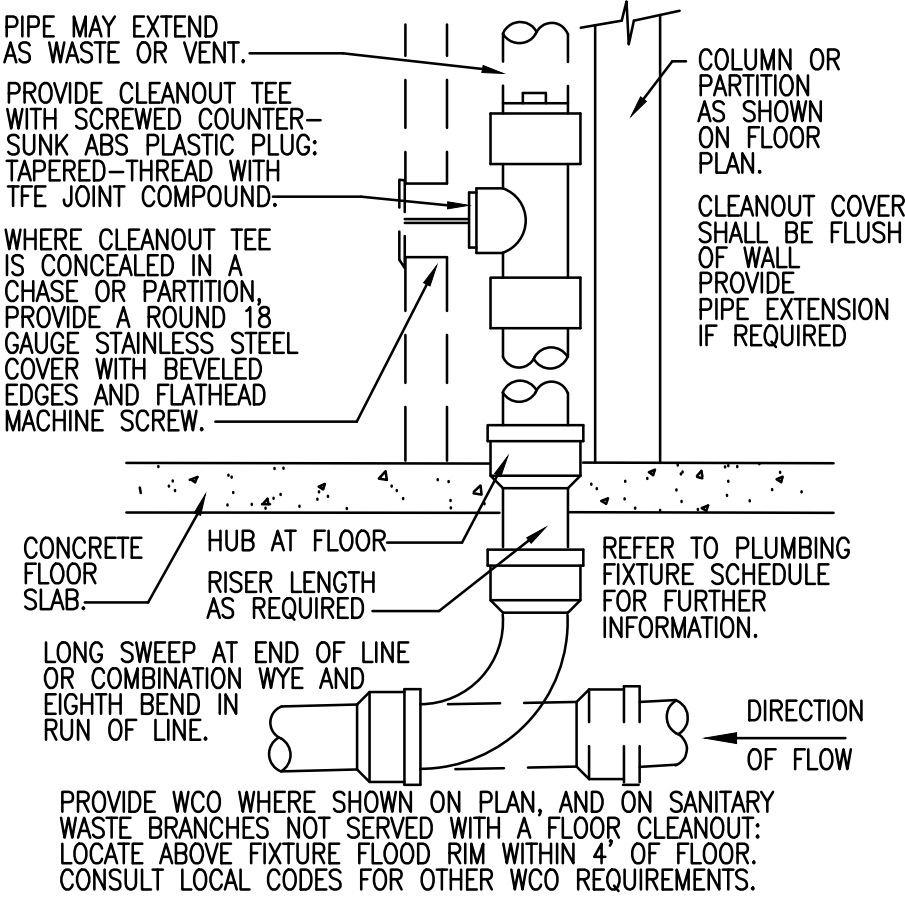
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED			
<input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	NAME _____	NAME _____
SIGNATURE _____	SIGNATURE _____	SIGNATURE _____	SIGNATURE _____
TITLE _____	TITLE _____	TITLE _____	TITLE _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>P-302</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK <b>DOMESTIC PLUMBING RISER DIAGRAMS - NO. 1</b>		SHEET NO. 131 OF 201	SCALE: AS NOTED DATE: NOVEMBER 10, 2020 DPW FILE NO. 1-19-P-488





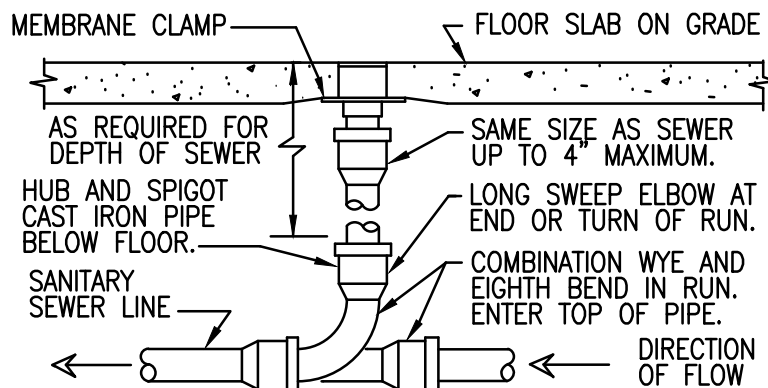




### 1 WALL CLEANOUT

Scale: NTS

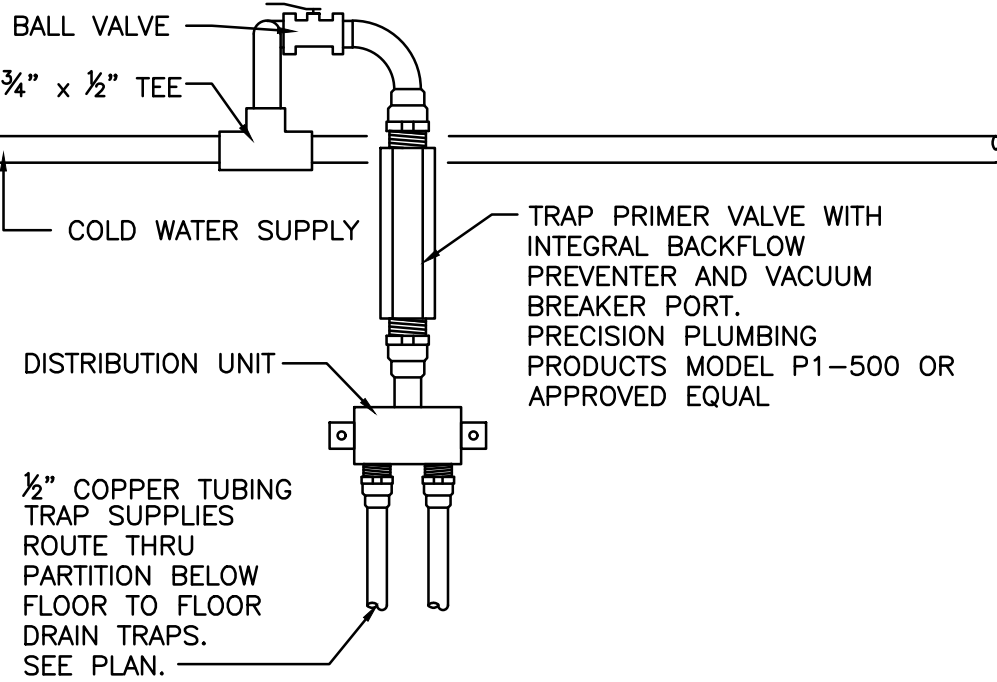
ROUND SECURED GASKETED NICKEL BRONZE ADJUSTABLE TOP WITH "CO" CAST IN COVER. PROVIDE CLEANOUT TOP WITH VARIATIONS SUITABLE FOR FLOOR COVERING (CARPET MARKER, RECESSED FOR TILE, SCORIFIED FOR UNFINISHED FLOOR). PROVIDE GASKETED PLASTIC PLUG IN CAST IRON BODY. USE TEFLON JOINT COMPOUND ON PLUG THREADS. CLEAN THE TOP OF EXPOSED FCO AFTER INSTALLATION.



LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT LOCAL CODES FOR OTHER FCO REQUIREMENTS.

### 4 FLOOR CLEANOUT

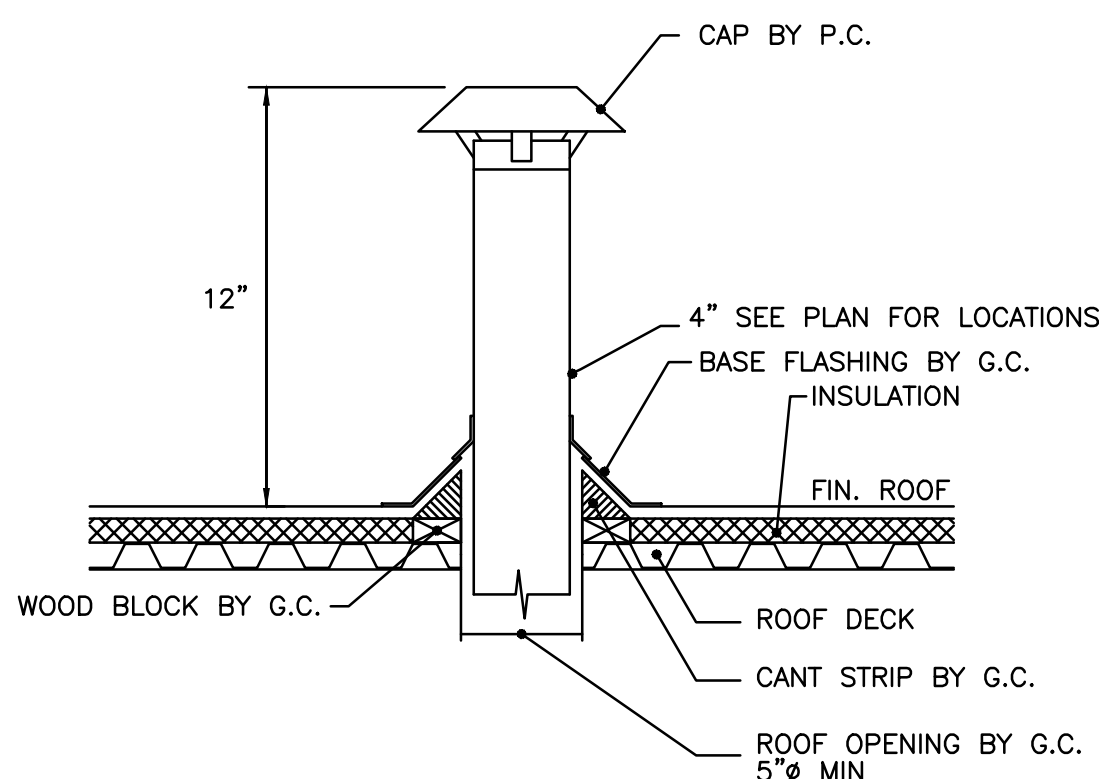
Scale: NTS



### 8 TRAP PRIMER DETAIL

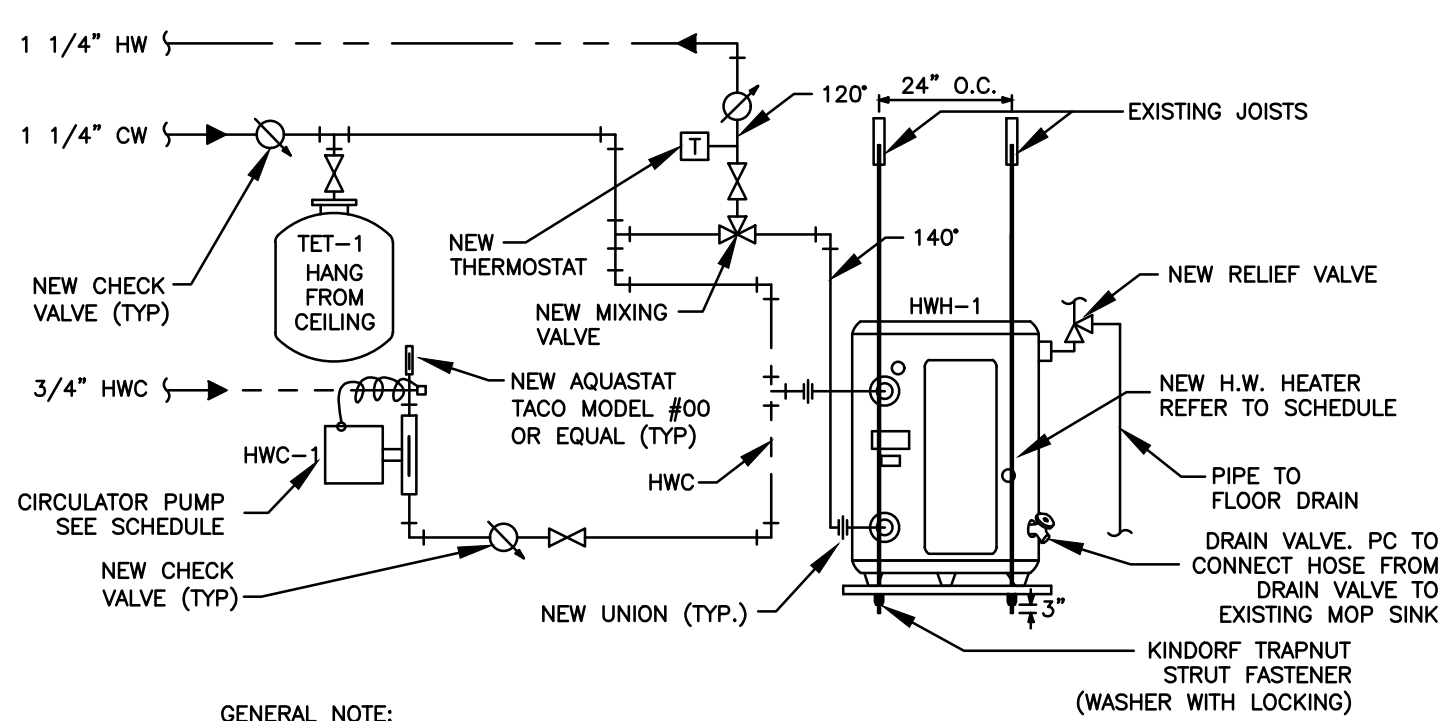
Scale: NTS

NOTE: TRAP PRIMER REQUIRED ON ALL FLOOR DRAINS



### 10 TYP. VENT PENETRATION THRU ROOF

Scale: NTS

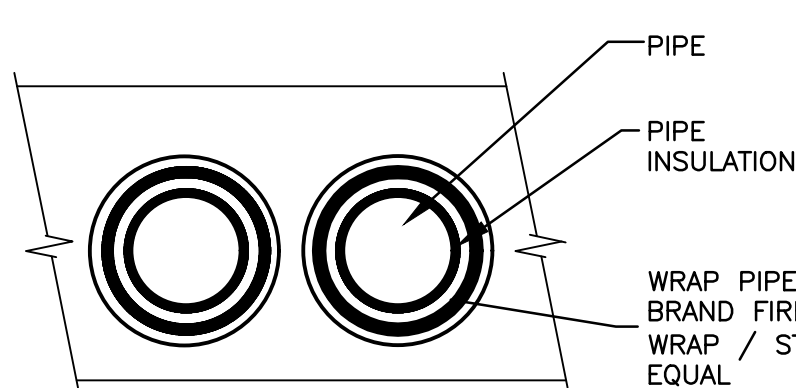


GENERAL NOTE:  
1. CONTRACTOR RESPONSIBLE FOR INSULATION OF ALL NEW DOMESTIC WATER LINES.  
2. CONTRACTOR TO MOUNT HWH UNDER LIGHT FIXTURE

### 2 ELECTRIC WATER HEATER DETAIL

Scale: NTS

NOTE: PROVIDE PAN AND LEAK DETECTOR FOR HOT WATER HEATER. AUTOMATIC ISOLATION VALVES SHALL CLOSE AND HEATER SHALL CLOSE AND HEATER SHALL BE DE-ENERGIZED UPON ACTIVATION OF LEAK DETECTION. ALARM SHALL ALSO BE TIED INTO THE BMS REMOTE NOTIFICATION DIAL OUT ALARM SYSTEM. BASE BUILDING FIRE ALARM AND SECURITY VENDOR MUST BE USED.



### 5 PIPE PENETRATION DETAIL THRU FIRE RATED WALL

Scale: NTS

ELECTRIC DOMESTIC WATER HEATER - BASED ON BRADFORD WHITE

MARK	MODEL	TYPE	STORAGE	KW INPUT	RECOVERY @ 100' F RISE	PHYSICAL DIMENSIONS (IN.) DIA.	HEIGHT	CONNECTIONS WATER	RELIEF	WEIGHT
HW-1	LE150LE-3	ELECTRIC	47 GAL	5.0 KW (SIMULTANEOUS)	42 GPH	22"	34-1/2"	3/4"	3/4"	140 LBS

HOT WATER CIRCULATOR PUMP SCHEDULE - BASED ON TACO

MARK	MODEL NO.	MANF.	FLOW	MOTOR	VOLTAGE	RPM	CONTROL	DISCONNECT	REMARKS
HWC-1	006-BC4	TACO	.75 GPM @ 4.5' HEAD	1/40 HP 60 HZ, 1 PH	115V	3250	AQUASTAT & 12 HR. TIMER	ON/OFF SWITCH	ALL BRONZE CONSTRUCTION
HWC-2	007-B4	TACO	1.5 GPM @ 9.0' HEAD	1/40 HP 60 HZ, 1 PH	115V	3250	AQUASTAT & 12 HR. TIMER	ON/OFF SWITCH	ALL BRONZE CONSTRUCTION
HWC-3	006-BC4	TACO	.85 GPM @ 5.2' HEAD	1/40 HP 60 HZ, 1 PH	115V	3250	AQUASTAT & 12 HR. TIMER	ON/OFF SWITCH	ALL BRONZE CONSTRUCTION
HWC-4	006-BC4	TACO	.8 GPM @ 6.4' HEAD	1/40 HP 60 HZ, 1 PH	115V	3250	AQUASTAT & 12 HR. TIMER	ON/OFF SWITCH	ALL BRONZE CONSTRUCTION
HWC-5	006-BC4	TACO	1 GPM @ 5.5' HEAD	1/40 HP 60 HZ, 1 PH	115V	3250	AQUASTAT & 12 HR. TIMER	ON/OFF SWITCH	ALL BRONZE CONSTRUCTION

HOT WATER EXPANSION TANK SCHEDULE - BASED ON AMTROL

MARK	MODEL NO.	MANF.	VOLUME	DIAMETER	HEIGHT	CONN.	WEIGHT
TET-1	ST-5-C	AMTROL	2 GAL.	8"	14"	3/4"	10 LBS
TET-2	ST-12-C	AMTROL	6.4 GAL.	12"	18"	3/4"	26 LBS
TET-3	ST-12-C	AMTROL	6.4 GAL.	12"	18"	3/4"	26 LBS

FLOOR (FD-1) & TRENCH DRAIN (TD-1) SCHEDULE:

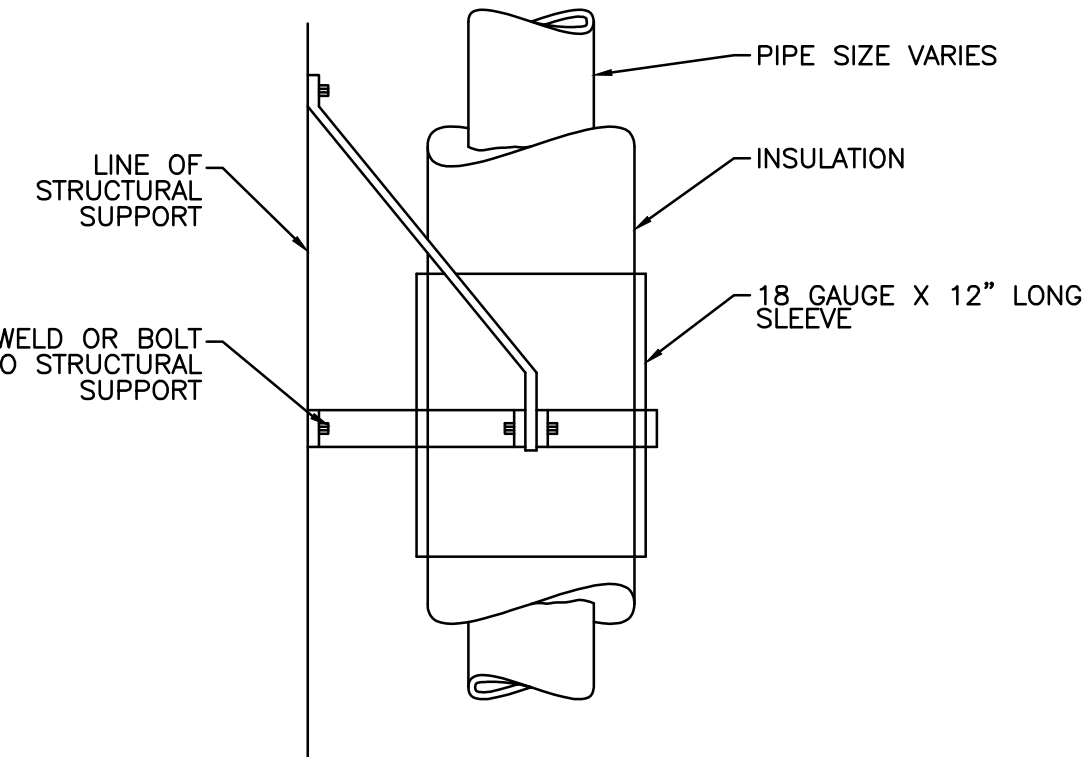
LOCATION	MARK	MFG.	MODEL #	PIPE SIZE	STRAINER	BODY	STRAINER	NOTES
RESTROOM	FD-1	ZURN	ZN-415-P-VP	3"	6"	C.I.	TYPE B, NICKEL BRONZE	W/DEEP SEAL TRAP AND 1/2" PRIMER TAP
SHOWERS	TD-1	JR SMITH	9667 - WG	2"		C.I.	STAINLESS STEEL	W/DEEP SEAL TRAP AND 1/2" PRIMER TAP REFER TO ARCHITECTURAL DRAWINGS FOR LENGTH

DOMESTIC WATER HEATER - BASED ON BRADFORD WHITE COMMERCIAL HIGH EFFICIENCY PROPANE FIRED WATER HEATER

MARK	MODEL	GAS TYPE	CAPACITY	BTU/HR INPUT	RECOVERY @ 100' F RISE	THERM EFF.	PHYSICAL DIMENSIONS (IN.) DIA.	HEIGHT	CONNECTIONS WATER	GAS	VENT SIZE	WEIGHT
HW-2	EF-100T-250-3X	PROPANE	100 GAL	250,000	291 GPH	96%	28-1/4"	77-1/8"	1-1/2"	3/4"	4"	900 LBS
HW-3	EF-100T-250-3X	PROPANE	100 GAL	250,000	291 GPH	96%	28-1/4"	77-1/8"	1-1/2"	3/4"	4"	900 LBS

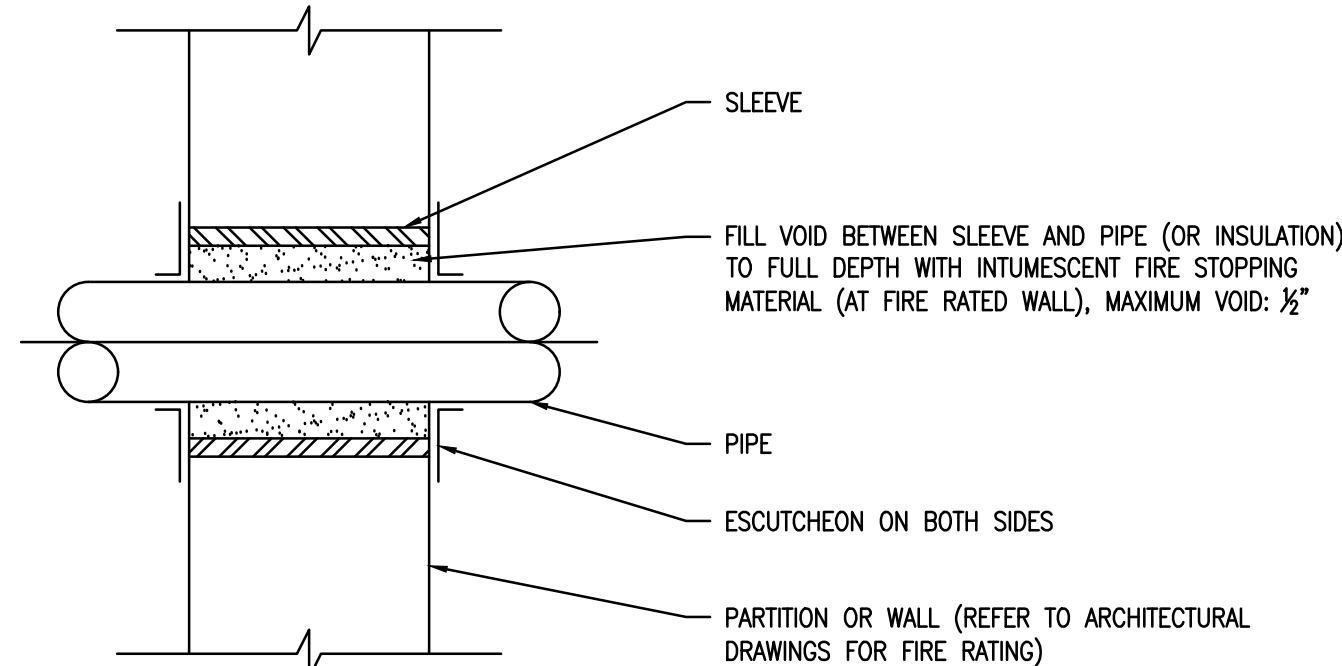
MASTER MIXER TEMPERED WATER VALVE SCHEDULE - BASED ON LEONARD

MARK	LOCATION	MFG.	MODEL #	GPM FLOW	MIN GPM	INLET	OUTLET
TMV-1	WOMENS LR	LEONARD	270-4PS-LF	19	.5	1"	1-1/4"
TMV-2	WOMENS LR	LEONARD	XL-690-LF-DT	33	1	1"	1-1/4"
TMV-3	MENS LR	LEONARD	270-4PS-LF	19	.5	1"	1-1/4"
TMV-4	MENS LR	LEONARD	XL-690-LF-DT	33	1	1"	1-1/4"



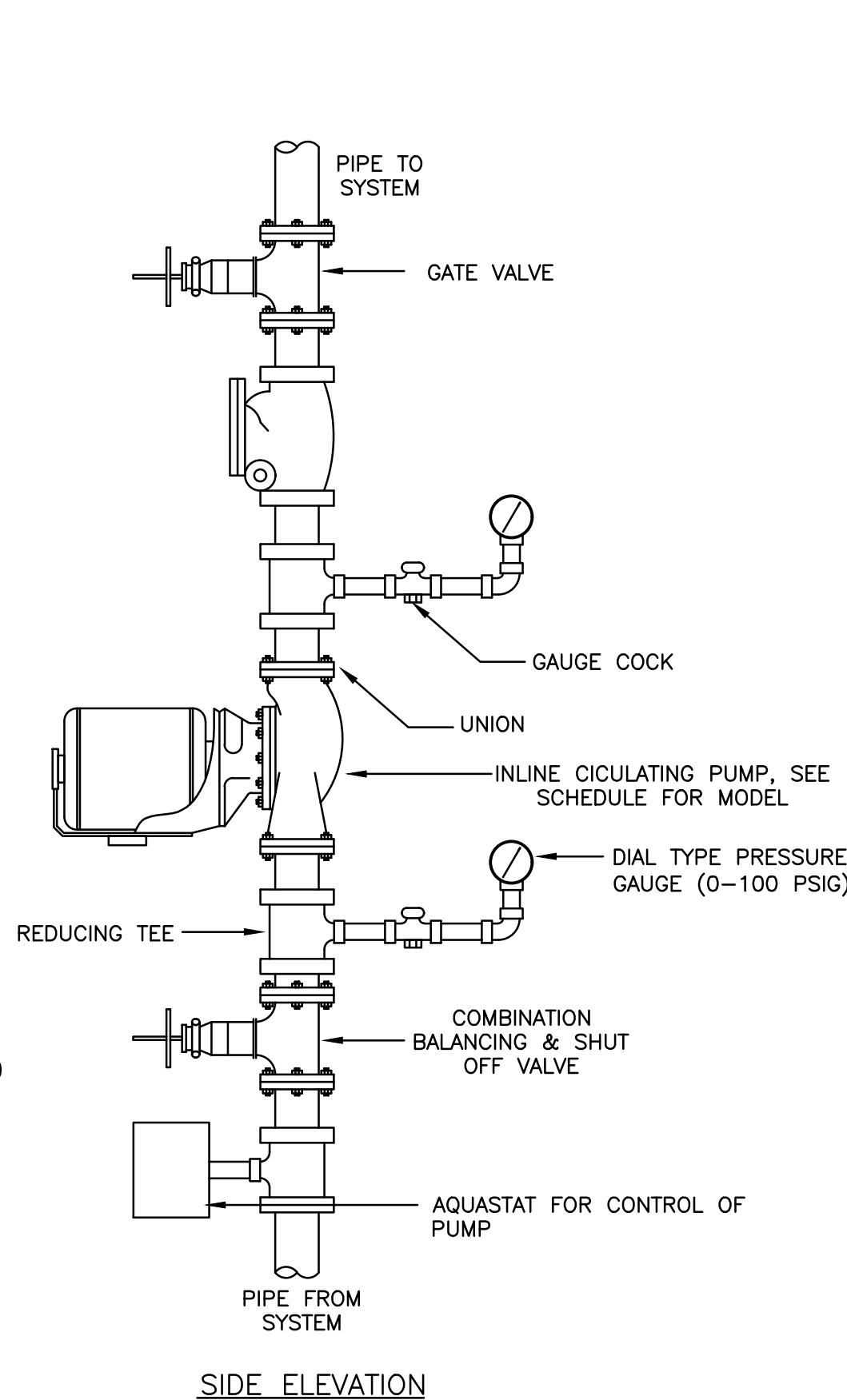
### 3 DETAIL OF VERTICAL PIPE GUIDE

Scale: NTS



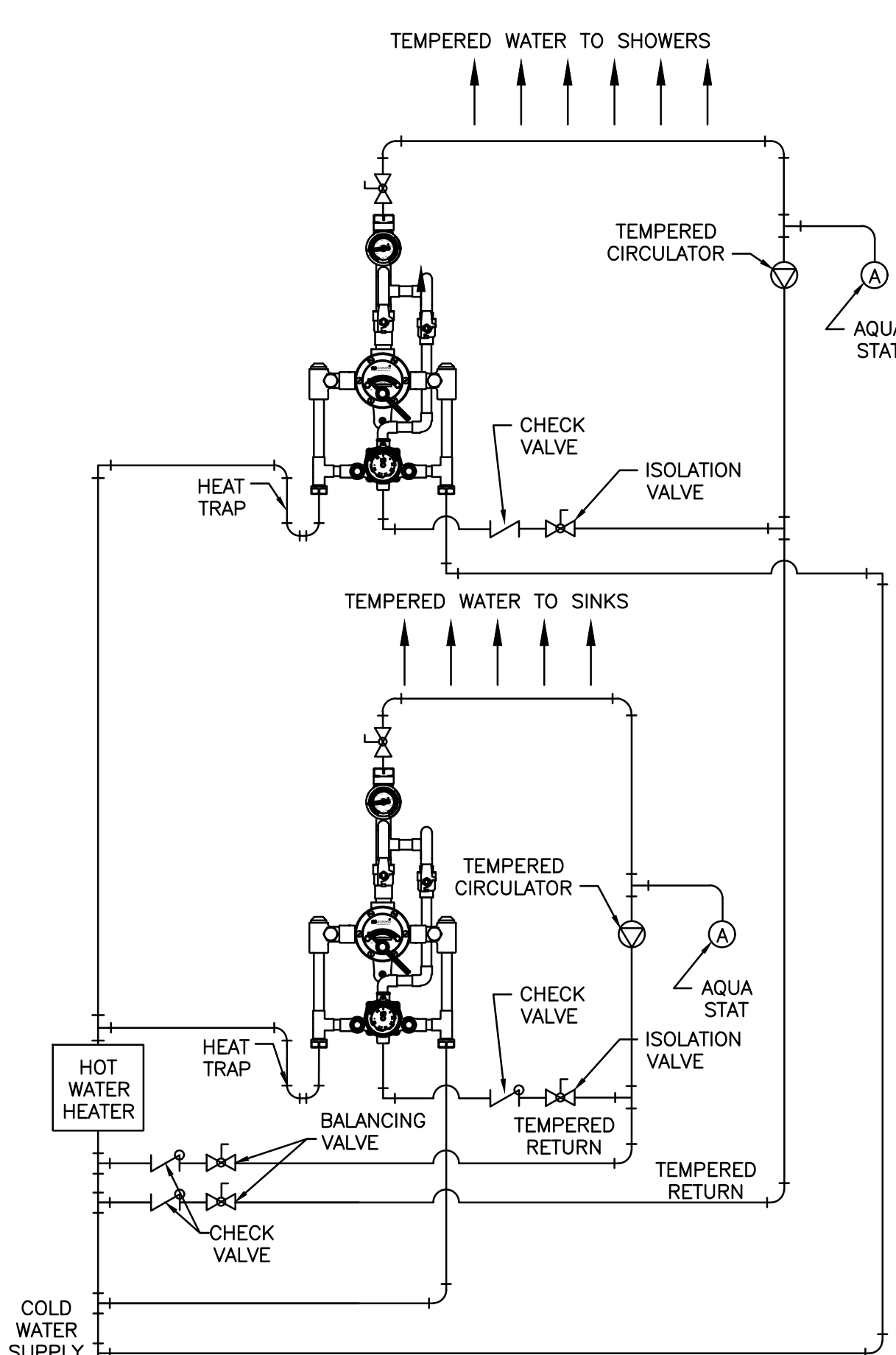
### 6 PIPE PENETRATION THRU FIRE WALL

Scale: NTS



### 7 VERTICAL INLINE PUMP DETAIL

Scale: NTS



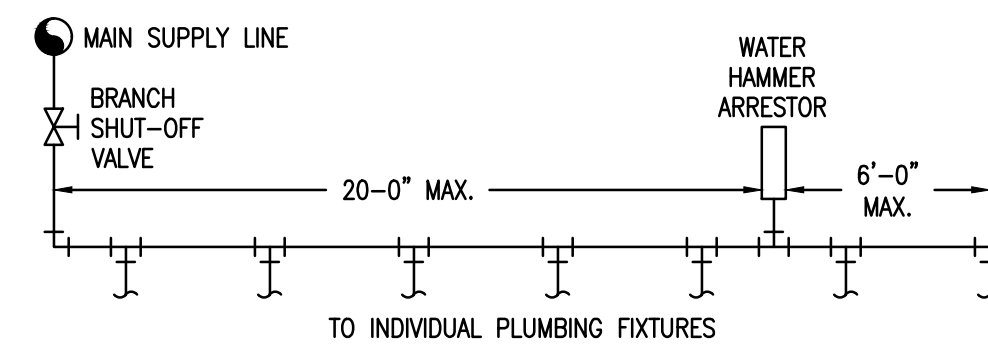
### 11 TEMPERED WATER SCHEMATIC DIAGRAM

Scale: NTS

NOTE: CONTRACTOR TO REFER TO MANUFACTURERS RECOMMENDATIONS FOR PIPING

## GENERAL PLUMBING SHEET NOTES

- THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND WITH THE LATEST EDITION OF THE PREVAILING STATE PLUMBING CODES AS WELL AS ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
- ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING.
- INVERT ELEVATIONS AND EXACT LOCATIONS OF ALL EXISTING UTILITIES SHALL BE VERIFIED BEFORE PROCEEDING WITH NEW WORK.
- NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION BY THE ARCHITECT AND/OR ENGINEER.
- NO PIPING SHALL BE EXPOSED IN FINISHED AREAS.
- ROUGHING DIMENSIONS OF TOILET FIXTURES MUST BE COORDINATED WITH ALL TRADES.
- WATER SUPPLY PIPING SHALL BE TYPE "L" COPPER, OR EQUAL.
- INSULATE ALL WATER PIPING EXCEPT EXPOSED TO FIXTURES WITH 1/2" FIBERGLASS INSULATION WITH NON-COMBUSTIBLE UL RATED VAPOR BARRIER OR CLOSED CELL FLEXIBLE INSULATION.
- PROVIDE SHUT-OFF VALVES AT EACH FIXTURE ON WATER SUPPLY PIPES, COLD AND HOT.
- ALL ACCESS PANELS & LOCATIONS SHALL BE BY CONTRACTOR AND COORDINATED WITH ALL OTHER TRADES.
- INSTALL ALL REQUIRED CLEANOUTS TO CLEAR EQUIPMENT AND FIXTURES.
- ALL WORK SHALL BE PROPERLY TESTED, BALANCED, CLEANED AND DISINFECTED.
- CONTRACTOR TO FIRESEAL ALL THRU-WALL PENETRATIONS THROUGH RATED WALLS WITH 3M BRAND FIRESTOP SEALANT OR APPROVED EQUAL.
- REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE.
- ALL UNDERGROUND COPPER WATER PIPING SHALL BE PROTECTED IN A PVC CASING PIPE 2" GREATER THAN THE LARGEST DIAMETER SUPPLY LINE. PIPING SHALL BE COATED WITH ASPHALTUM AND BITUMASTIC.
- ALL PIPING TO BE RUN AS TIGHT AS POSSIBLE TO STRUCTURE. COORDINATE WITH ALL TRADES
- CONTRACTOR IS RESPONSIBLE FOR THE PRODUCTION OF PLUMBING AS BUILT DRAWINGS AND ASSOCIATED DOCUMENTS.
- CONTRACTOR TO PROTECT PLUMBING PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT.
- EXPANSION JOINT FITTINGS TO BE USED WHERE NECESSARY TO PROVIDE FOR EXPANSION AND CONTRACTION OF PIPING.

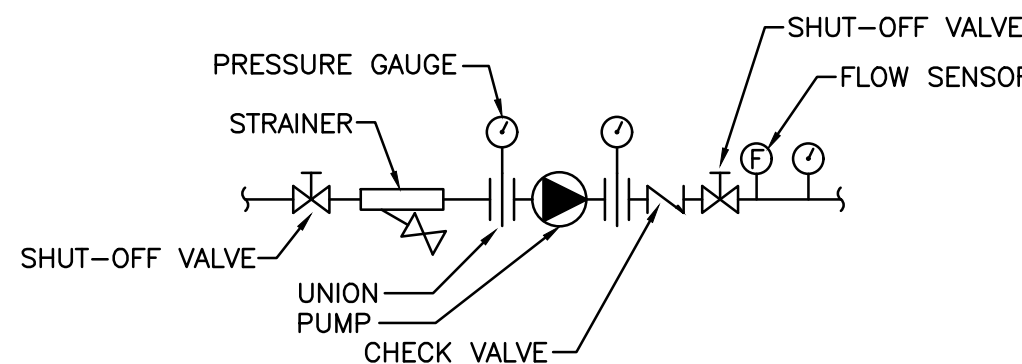


NOTES:

- WATER HAMMER ARRESTORS (WHA) SHALL CONFORM TO ASSE-1010 (LATEST EDITION)
- WHA SHALL BE MANUFACTURED BY WATTS, SIOUX CHIEF OR APPROVED EQUAL
- PROVIDE WHA ON ALL NEW/RENOVATED HOT AND COLD WATER SUPPLY BRANCH PIPING
- WHA SHALL BE INSTALLED WITHIN 20' OF CONNECTION TO SUPPLY MAIN AND WITHIN 6' OF THE LAST FIXTURE SERVED BY THE DEVICE.
- IF BRANCH LINES EXCEED 20', INSTALL MULTIPLE WHA AT 20' O.C. WITH THE FINAL ARRESTOR BEING PLACED WITHIN 6' OF THE LAST FIXTURE SERVED ON THE BRANCH.
- PROVIDE ACCESS PANELS FOR ALL WHA. COORDINATE WITH ALL TRADES

### 9 WATER HAMMER ARRESTOR DETAIL

Scale: NTS



### 12 INLINE PUMP DETAIL

Scale: NTS

CLEANOUT SCHEDULE:

MARK	LOCATION	MFG.	MODEL #	SIZE	BODY	PIPE	TYPE
CO-1	SEE PLANS	ZURN	ZANB-1456	4"	C.I.	C.I.	FLOOR
CO-1	SEE PLANS	ZURN	Z-1440-A	4"	C.I.	C.I.	WALL/PARTITION