

one inch = one foot  
6"  
2  
0  
one inch = one foot  
6"  
2  
0  
three quarters inch = one foot  
6"  
4  
0  
one half inch = one foot  
0  
4  
0  
three eighths inch = one foot  
4  
0  
one quarter inch = one foot  
4  
0  
one eighth inch = one foot  
4  
0  
16

SYMBOL LIST	
	BOTTOM PIPE CONNECTION
	CLEAN OUT/PLUGGED OUTLET
	CLEAN OUT DECK PLATE
	ELBOW TURNED DOWN
	ELBOW TURNED UP/CONNECT TO VERTICAL LINE
	FLOOR DRAIN
	FRESH AIR INLET
	HOSE BIBB
	"P" TRAP
	ROOF DRAIN
	RUNNING TRAP
	TOP PIPE CONNECTION
	UNION
	ANGLE RELIEF VALVE
	BACKWATER VALVE
	MIXING VALVE
	PLUG VALVE
	RELIEF VALVE
	GATE VALVE
	CHECK VALVE
	CHECK VALVE
	BALL/GLOBE VALVE
	OS&Y (OUTSIDE SCREW AND YOKE) VALVE
	PRESSURE REDUCING VALVE
	SOLENOID VALVE
	BASKET STRAINER
	DUPLEX STRAINER
	VALVE IN VERTICAL
	Y STRAINER WITH BLOW OFF VALVE
	PRESSURE GAUGE AND COCK
	REDUCER
	ECCENTRIC REDUCER
	PUMP
	WATER METER
	DISCONNECT FROM EXISTING
	CONNECT TO EXISTING
	AUTOMATIC AIR VENT
	MANUAL AIR VENT
	SLEEVE
	WATERPROOF SLEEVE
	THERMOMETER
	SLOPED CHANGE IN PIPE ELEVATION
	VACUUM BREAKER
	WALL HYDRANT
	BACKFLOW PREVENTOR
	SHOCK ABSORBER

PIPING LEGEND	
	EJECTOR DISCHARGE PIPING
	INDIRECT WASTE PIPING
	IRRIGATION PIPING
	NATURAL GAS PIPING
	STORM WATER DRAINAGE PIPING
	SUMP PUMP DISCHARGE PIPING
	DOMESTIC COLD WATER PIPING
	HIGH PRESSURE DOMESTIC COLD WATER PIPING
	LOW PRESSURE DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	DOMESTIC HOT WATER CIRCULATION PIPING
	PIPING IN CEILING OF FLOOR BELOW/BURIED PIPING
	SANITARY PIPING
	VENT PIPING (SANITARY)
	EXISTING PIPING TO REMAIN
	EXISTING PIPING TO BE REMOVED
	INSULATED AND HEAT TRACED PIPING

ABBREVIATIONS	
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
BLDG	BUILDING
BOP	BOTTOM OF PIPE
CLG	CEILING
CO	CLEAN OUT
CODP	CLEAN OUT DECK PLATE
CONN.	CONNECT
CONT.	CONTINUED/CONTINUATION
CV	CHECK VALVE
CVO	CAPPED VALVE OUTLET
CW	COLD WATER
DIA	DIAMETER
DIS	DISCHARGE
DN	DOWN (PENETRATES FLOOR SLAB)
DR	DRAIN
DWG	DRAWING
EJ	EJECTOR
EL	ELEVATION
EW	ELECTRIC WATER COOLER
EX	EXISTING
FAI	FRESH AIR INLET
FD	FLOOR DRAIN
FL	FLOOR
FT	FEET
FU	FIXTURE UNIT
GAL	GALLONS
GAR.	GARAGE
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HW	HOT WATER
HWR	HOT WATER RETURN
HYD	HYDRANT
IN.	INCH
IW	INDIRECT WASTE

JS	JANITOR'S SINK
LAV	LAVATORY
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
NC	NORMALLY CLOSED
N.I.C.	NOT IN CONTRACT
N.O.	NORMALLY OPEN
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN
OS&Y	OUTSIDE SCREW & YOKE GATE VALVE
PD	PUMP DISCHARGE
PO	PLUGGED OUTLET
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH (GAUGE)
REC.	RECEPTOR
RT	RUNNING TAP
S	SOIL
SA	SHOCK ABSORBER
SAN	SANITARY
SD	SUMP PUMP DISCHARGE
SH	SHOWER
SK	SINK
SO.	FOOT
SS	SERVICE SINK
ST	STORM
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UP	UP (PENETRATES FLOOR SLAB)
UR	URINAL
V	VENT
VB	VACUUM BREAKER
VTR	VENT THROUGH ROOF
VIF	VERIFY IN FIELD
W	WASTE
WC	WATER CLOSET
WH	WALL HYDRANT

(NOT ALL SYMBOLS & ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT)

PLUMBING DRAWING LIST	
P001.00	PLUMBING COVER SHEET
P101.00	PLUMBING LOWER LEVEL DEMOLITION FLOOR PLAN
P102.00	PLUMBING UPPER LEVEL DEMOLITION FLOOR PLAN
P103.00	PLUMBING GARAGE LEVEL DEMOLITION FLOOR PLAN
P104.00	PLUMBING GARAGE LEVEL DEMOLITION FLOOR PLAN (REACT)
P106.00	PLUMBING ROOF LEVEL DEMOLITION PLAN
P111.00	PLUMBING LOWER LEVEL CONSTRUCTION FLOOR PLAN
P112.00	PLUMBING UPPER LEVEL CONSTRUCTION FLOOR PLAN
P113.00	PLUMBING GARAGE LEVEL CONSTRUCTION FLOOR PLAN
P114.00	PLUMBING GARAGE LEVEL CONSTRUCTION FLOOR PLAN (REACT)
P115.00	PLUMBING MEZZANINE LEVEL CONSTRUCTION PLAN
P116.00	PLUMBING ROOF LEVEL CONSTRUCTION PLAN
P400.00	PLUMBING SANITARY RISER DIAGRAM
P401.00	PLUMBING DOMESTIC RISER DIAGRAM
P500.00	PLUMBING SCHEDULES
P600.00	PLUMBING DETAILS

### PLUMBING DEMOLITION NOTES

- EACH BIDDER SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT AND CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO FIELD CONDITIONS.
- DRAWINGS INDICATE VISIBLE CONDITIONS PRIOR TO DEMOLITION. DEMOLITION MAY UNCOVER ADDITIONAL PIPING OR EQUIPMENT THAT SHOULD BE ADDRESSED. REMOVE ALL EXISTING COMPONENTS SERVING THE AREA THAT ARE NOT INDICATED TO BE REUSED OR TO RECEIVE NEW CONNECTIONS. ALERT ARCHITECT/ENGINEER OF ANY CONDITIONS WHERE THE INTENT IS NOT CLEAR.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT. LOCATIONS AND SIZES OF EXISTING PIPING ARE APPROXIMATE. EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING AND EQUIPMENT SHALL BE VERIFIED AT THE SITE.
- NOTIFY BUILDING MANAGER AT LEAST 48 HOURS BEFORE DEMOLITION WORK OR BEFORE SHUT DOWN OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT TENANT'S COST, AT DESIGNATED TIMES UNDER BUILDING MANAGER'S SUPERVISION AND ONLY WITH HIS APPROVAL. WHERE THE WORK MAKES TEMPORARY SHUTDOWNS OF SERVICES UNAVOIDABLE, THEY SHALL BE MADE AT NIGHT OR AT TIMES THAT WILL CAUSE THE LEAST INTERFERENCE WITH THE ESTABLISHED OPERATING ROUTINE OF THE BUILDING.
- THIS CONTRACTOR SHALL ARRANGE THE WORK CONTINUOUSLY, INCLUDING OVERTIME APPROVED BY ARCHITECT IF REQUIRED, TO ASSURE THAT SERVICES WILL BE SHUT DOWN AND CUT-INS PERFORMED ONLY DURING THE TIME ACTUALLY REQUIRED TO MAKE THE NECESSARY CONNECTIONS TO EXISTING WORK. ALL COSTS RESULTING FROM TEMPORARY SHUTDOWNS SHALL BE BORNE BY THE CONTRACTOR.
- ANY AND ALL REQUIRED DEMOLITION WORK TO BE PERFORMED ABOVE EXISTING SUSPENDED CEILINGS AND FURRED OUT WALLS SHALL BE DONE AT THE TIME WHEN THE EXISTING CEILINGS AND FURRED OUT WALLS ARE REMOVED BY THE GENERAL CONTRACTOR.
- REMOVE EXISTING PLUMBING FIXTURES AND PIPING IN THE AREA OF WORK. CUT AND CAP EXISTING WASTE, VENT, AND DOMESTIC LINES SERVING THESE FIXTURES BACK TO ACTIVE LINES OR AS INDICATED ON THE DRAWINGS. ALL REMOVED PLUMBING FIXTURES SHALL BE TURNED OVER TO OWNER, DISPOSED, OR SALVAGED AS DIRECTED BY OWNER. UPON COMPLETION OF WORK, NO PIPING SHALL BE ABANDONED IN PLACE.
- REMOVED EXISTING PIPING FITTINGS, VALVES, FIXTURES, ETC. SHALL NOT BE REUSED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- UNDER NO CIRCUMSTANCES WILL THIS CONTRACTOR OR HIS WORKMEN BE PERMITTED TO USE ANY PART OF THE BUILDING AS A SHOP, EXCEPT PARTS DESIGNATED BY THE OWNER FOR SUCH PURPOSES.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL FROM THE PREMISES OF ALL DEBRIS RESULTING FROM PLUMBING WORK. UNNECESSARY NOISE SHALL BE AVOIDED AT ALL TIMES AND NECESSARY NOISE SHALL BE REDUCED TO A MINIMUM.
- ALL EQUIPMENT AND INSTALLATIONS MUST BE EQUAL TO THE STANDARDS OF THE BASE BUILDING. ANY DEVIATION FROM BUILDING STANDARDS WILL BE PERMITTED ONLY IF INDICATED OR SPECIFIED ON THESE PLANS AND SPECIFICATIONS, AND APPROVED BY OWNER.
- UPON COMPLETION OF WORK, EXISTING CONDITIONS OF BASE BUILDING MUST BE FULLY OPERATIONAL, INCLUDING ALL SANITARY PIPING PROPERLY VENTED. THIS CONTRACTOR SHALL MAKE NECESSARY CHANGES TO ENSURE THE COMPLETE FUNCTIONALITY OF ALL PLUMBING SYSTEMS.

### GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE, UTILITY COMPANY REQUIREMENTS, AND THE BEST TRADE PRACTICES.
- BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED INSURANCE CERTIFICATES WITH THE DEPARTMENT OF BUILDINGS. OBTAIN ALL REQUIRED PERMITS, AND PAY ALL FEES REQUIRED BY THE GOVERNING NEW YORK STATE AGENCIES.
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT REQUIRED FOR PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS.
- THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH THE STIPULATIONS OF LOCAL AUTHORITIES, BUILDING MANAGEMENT OR BOARD OF DIRECTORS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL DESIGN AND INSTALL ADEQUATE SHORING AND BRACING FOR ALL STRUCTURAL OR REMOVAL TASKS. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.
- THE CONTRACTOR SHALL LAY OUT HIS OWN WORK, AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES: PLUMBING, ELECTRICALS, ETC.
- PLUMBING WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN THROUGH THE BUREAU OF ELECTRICAL CONTROL ALL REQUIRED PERMITS, INSPECTIONS AND REQUIRED SIGN OFFS.
- ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN THROUGH THE BUREAU OF ELECTRICAL CONTROL ALL REQUIRED PERMITS, INSPECTIONS AND REQUIRED SIGN OFFS.
- THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING, REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
- ALL PIPING AND WIRING SHALL BE REMOVED TO A POINT OF CONCEALMENT AND SHALL BE PROPERLY CAPPED OR PLUGGED.

### NYS BUILDING DEPARTMENT PLUMBING NOTES

THE PLUMBING SYSTEMS (SANITARY, WASTE, VENT, AND WATER DISTRIBUTION) AND ALL ASSOCIATED EQUIPMENT WILL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE FULL REQUIREMENTS OF THE 2020 NEW YORK STATE PLUMBING CODE. COMPLIANCE WITH THE FULL PROVISIONS OF ALL NEW YORK STATE BUILDING AND PLUMBING CODE ACCESSIBILITY REQUIREMENTS AND PLUMBING FIXTURE FLOW REQUIREMENTS OF THE 2020 NEW YORK STATE PLUMBING CODE.

- THE SANITARY SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE GENERAL PROVISIONS OF SECTION PC301.
- THE MATERIALS USED IN THE PLUMBING SYSTEMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS PC302 AND PC303.
- EQUIPMENT HOOK-UP AND THE JOINING SHALL BE IN COMPLIANCE WITH SECTIONS PC605 AND PC705.
- THE INSTALLATION OF FIXTURES SHALL BE IN ACCORDANCE WITH PC CHAPTER 4.
- TRAPS FOR FIXTURES AND DRAIN LINES SHALL BE PROVIDED AND CLEANOUTS INSTALLED IN COMPLIANCE WITH SECTIONS PC708 AND PC CHAPTER 10.
- VERTICAL AND HORIZONTAL PIPING SHALL BE HUNG AND SUPPORTED AS DIRECTED IN SPECIFICATIONS AND IN COMPLIANCE WITH SECTION PC308.
- THE WATER SUPPLY SYSTEMS OF THE SUBJECT BUILDING SHALL BE INSTALLED IN COMPLIANCE WITH PC CHAPTER 6.
- THE SANITARY DRAINAGE SYSTEM SHALL BE SIZED AND INSTALLED IN COMPLIANCE WITH PC CHAPTER 7.
- THE VENT PIPING FOR THE SANITARY DRAINAGE SYSTEM OF THE SUBJECT BUILDING SHALL BE INSTALLED IN COMPLIANCE WITH SECTION PC702 & PC CHAPTER 9.
- ALL TRENCHING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC306.
- RAT PROOFING SHALL BE IN ACCORDANCE WITH SECTION PC304.
- TEMPORARY TOILET FACILITIES SHALL BE PROVIDED FOR WORKMAN AS PER SECTION PC311.



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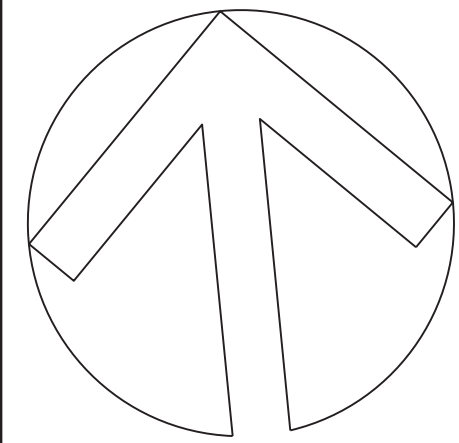
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(914) 332-7658


ISSUE NO.5	09/03/2024	ISSUED FOR BID
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ISSUE NO.2	03/29/2024	90% CD SUBMISSION
ISSUE NO.1	12/14/2023	60% SUBMISSION

ISSUE NO.	ISSUE DATE	DESCRIPTION
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## CAPITAL PROJECT #1521

## SHERIFF'S OPERATIONS BUILDING

23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

### PLUMBING COVER SHEET

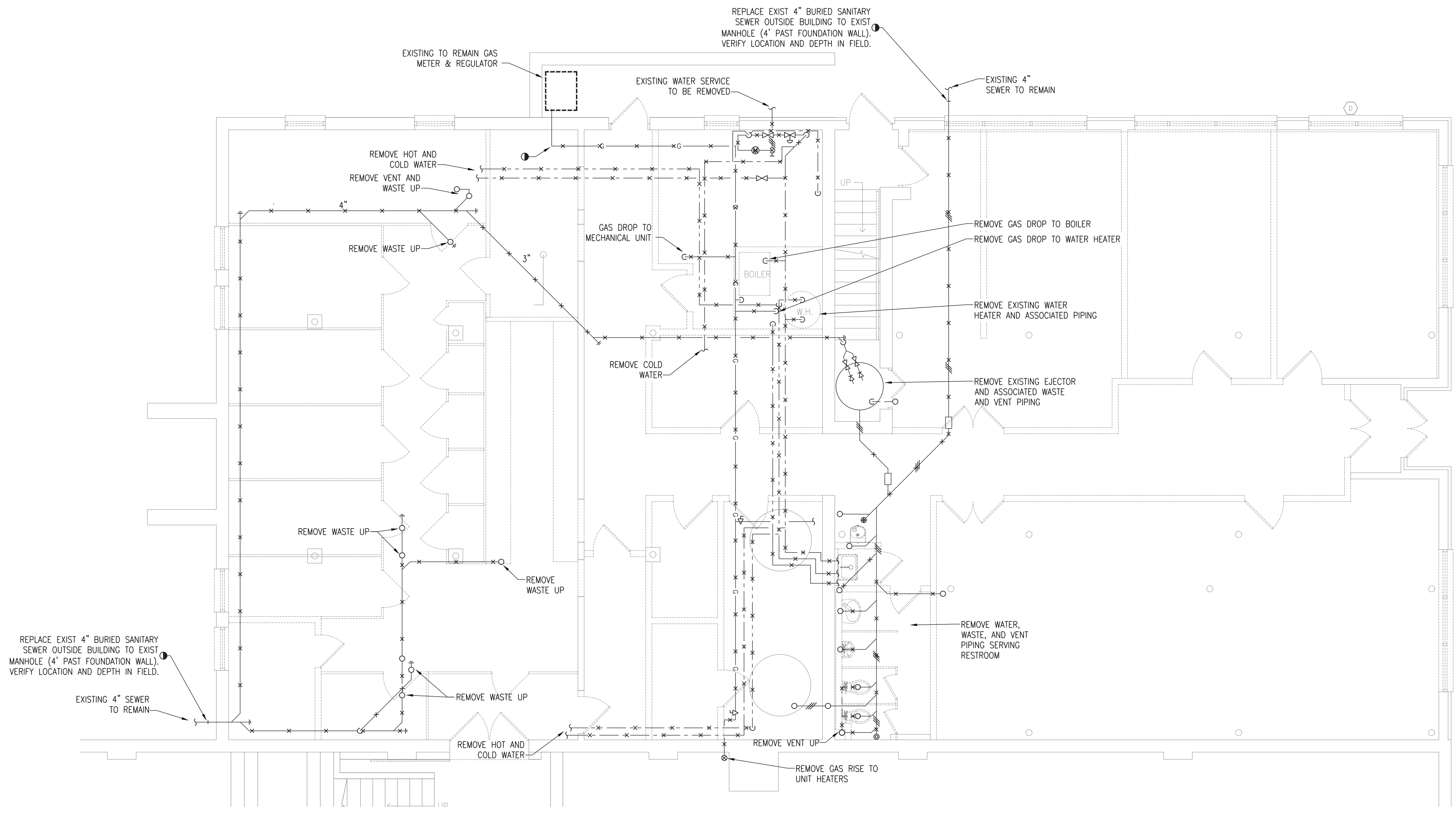
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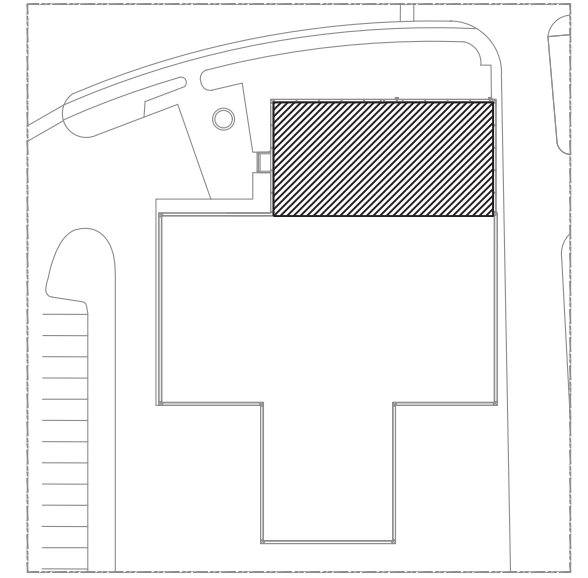
P001.00



one inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



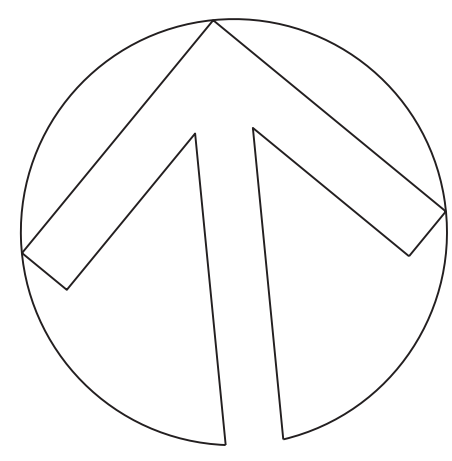
1 LOWER LEVEL DEMOLITION FLOOR PLAN  
SCALE: 3/16"=1'-0"



A KEY PLAN  
SCALE: NTS



ISSUE NO. 5	09/03/2024	ISSUED FOR BID
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CAPITAL PROJECT #1521

SHERIFF'S OPERATIONS  
BUILDING

23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

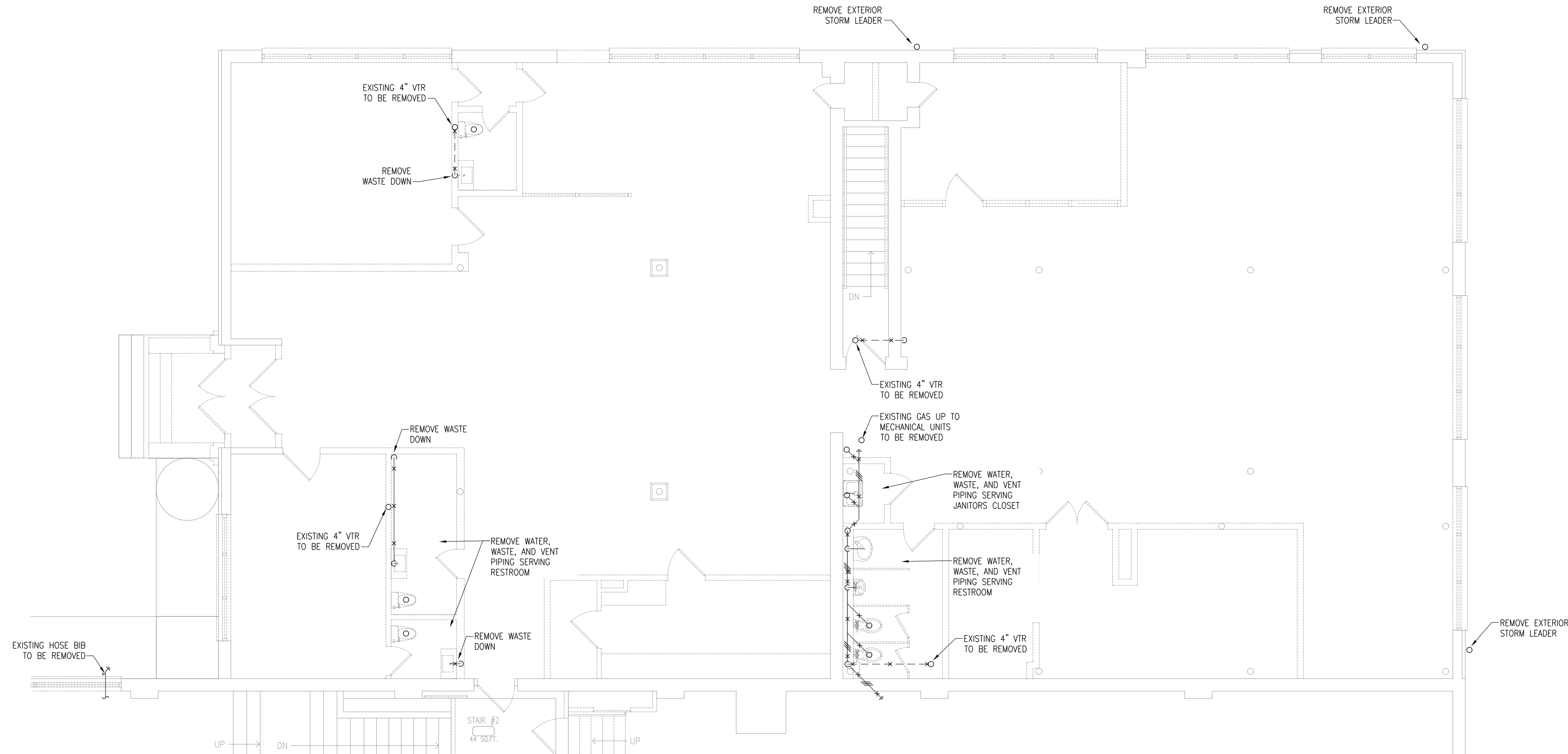
PLUMBING LOWER LEVEL  
DEMOLITION FLOOR PLAN

PROJECT NO.:	25097	SCALE:	AS NOTED
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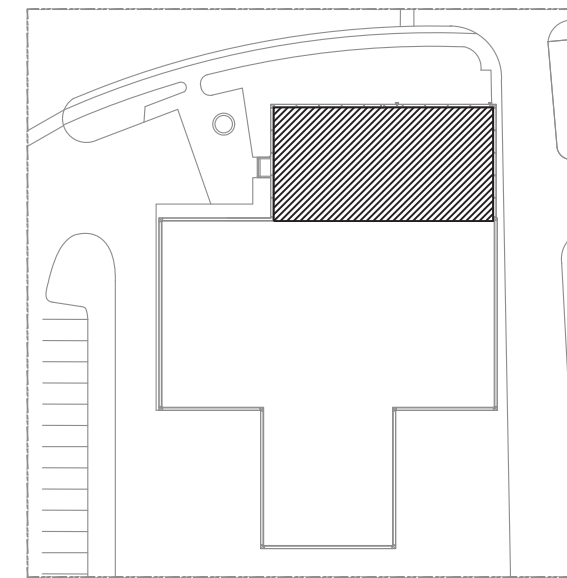
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P101.00

one eighth inch = one foot  
0 4 8 16  
one quarter inch = one foot  
0 4 8  
three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 6  
three quarters inch = one foot  
0 6  
one inch = one foot  
0 6 12

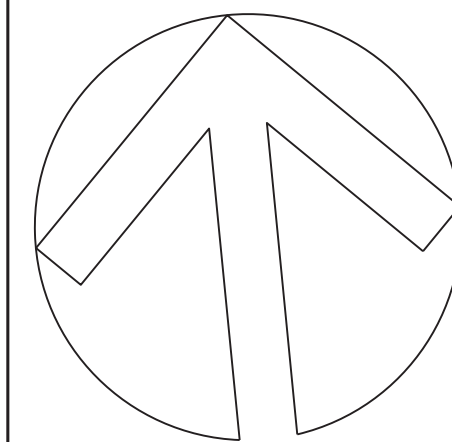


1 UPPER LEVEL DEMOLITION FLOOR PLAN  
SCALE: 3/16"=1'-0"



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ISSUE NO.	ISSUE DATE	DESCRIPTION
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**CAPITAL PROJECT #1521**  
**SHERIFF'S OPERATIONS BUILDING**

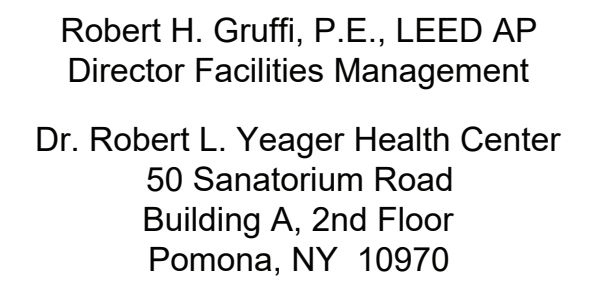
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**PLUMBING UPPER LEVEL DEMOLITION FLOOR PLAN**

PROJECT NO.: 25097 SCALE: AS NOTED

DRAWING NO.:  
**P102.00**





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White Plains, New York 10604  
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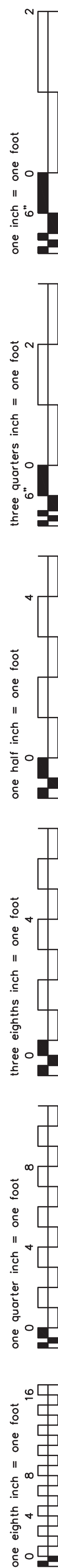
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23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

PROJECT NO.:	25097	SCALE:	AS NOTED
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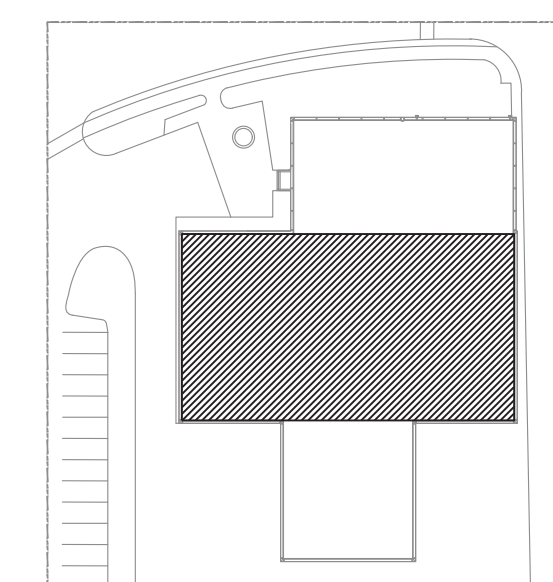
P103.00



NOTES:

1. EXIST FLOOR DRAIN IN GARAGE. CONTRACTOR TO CLEAN OUT AND INSPECT THE EXISTING FLOOR DRAINS AND CONNECTED WASTE PIPING WITH VIDEO CAMERA AND PROVIDE VIDEO RECORDING AND REPORT OF RESULTS OF INSPECTION TO ENGINEER AND OWNER. REPORT TO INCLUDE, AT MINIMUM, SIZE, CONDITION AND DEPTH OF FLOOR DRAINS AND WASTE PIPING.

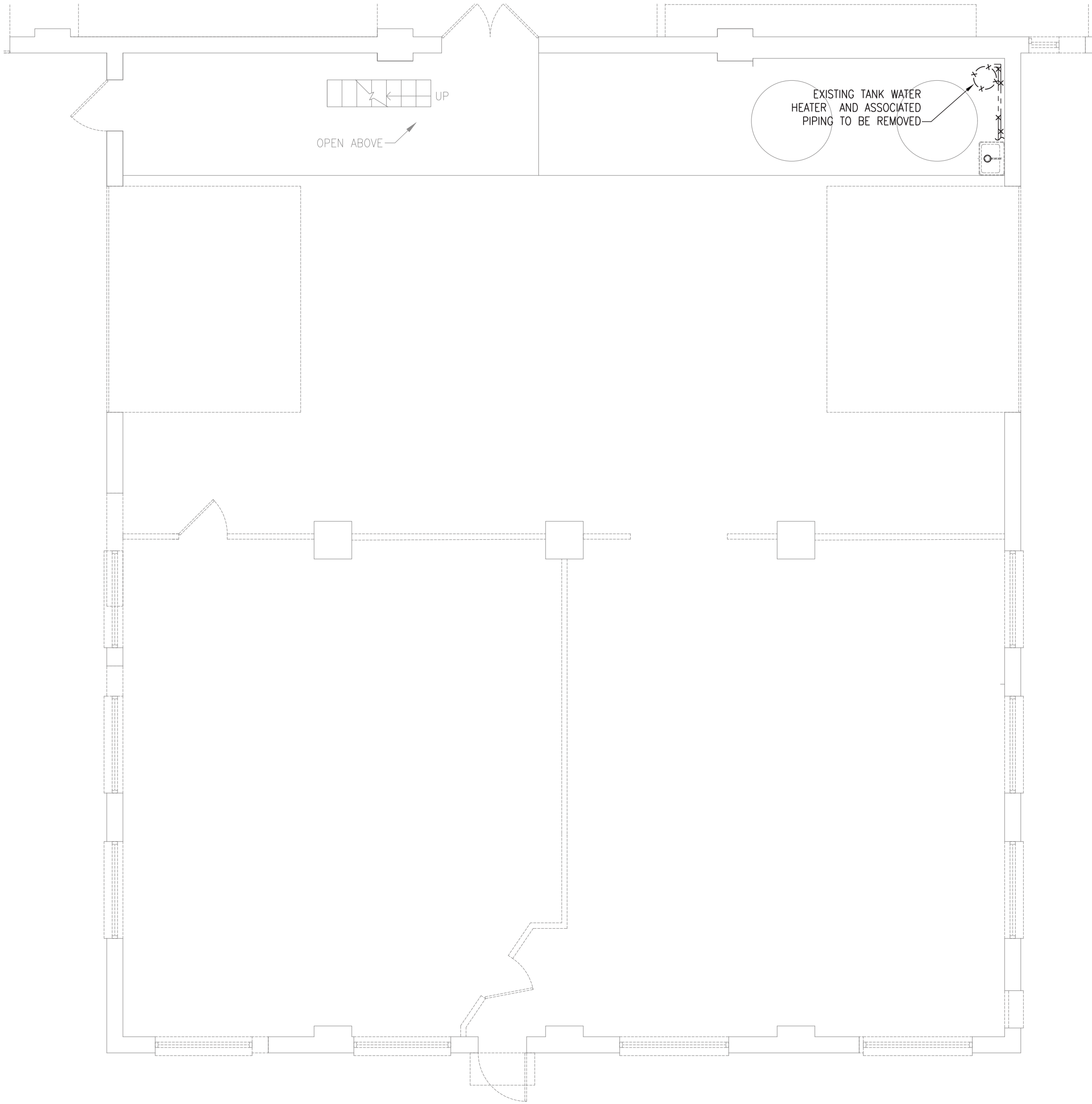
1 GARAGE DEMOLITION FLOOR PLAN  
SCALE: 3/16"=1'-0"



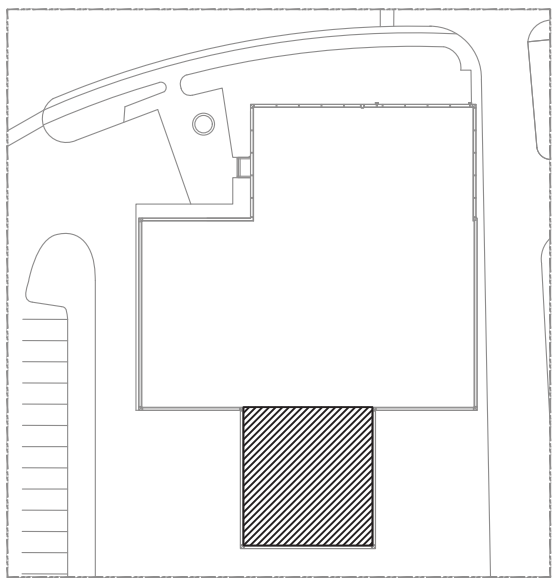
**A** KEY PLAN  
SCALE: NTS



one eighth inch = one foot  
0 4 8 16  
one quarter inch = one foot  
0 4 8  
three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 4  
three quarters inch = one foot  
0 4 6  
one inch = one foot  
0 6 12



1 GARAGE DEMOLITION FLOOR PLAN (REACT)  
SCALE: 3/16"=1'-0"



A KEY PLAN  
SCALE: NTS



Robert H. Gruffi, P.E., LEED AP  
Director Facilities Management

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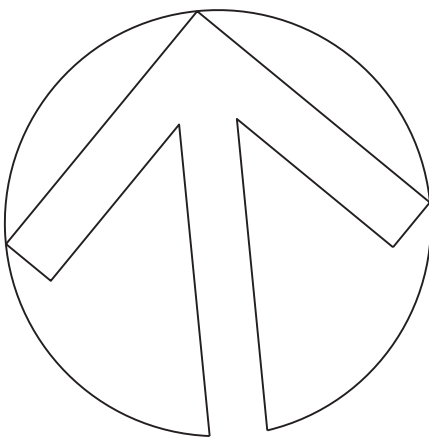


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CAPITAL PROJECT #1521  
SHERIFF'S OPERATIONS  
BUILDING

23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

PLUMBING GARAGE LEVEL  
DEMOLITION FLOOR PLAN  
(REACT)

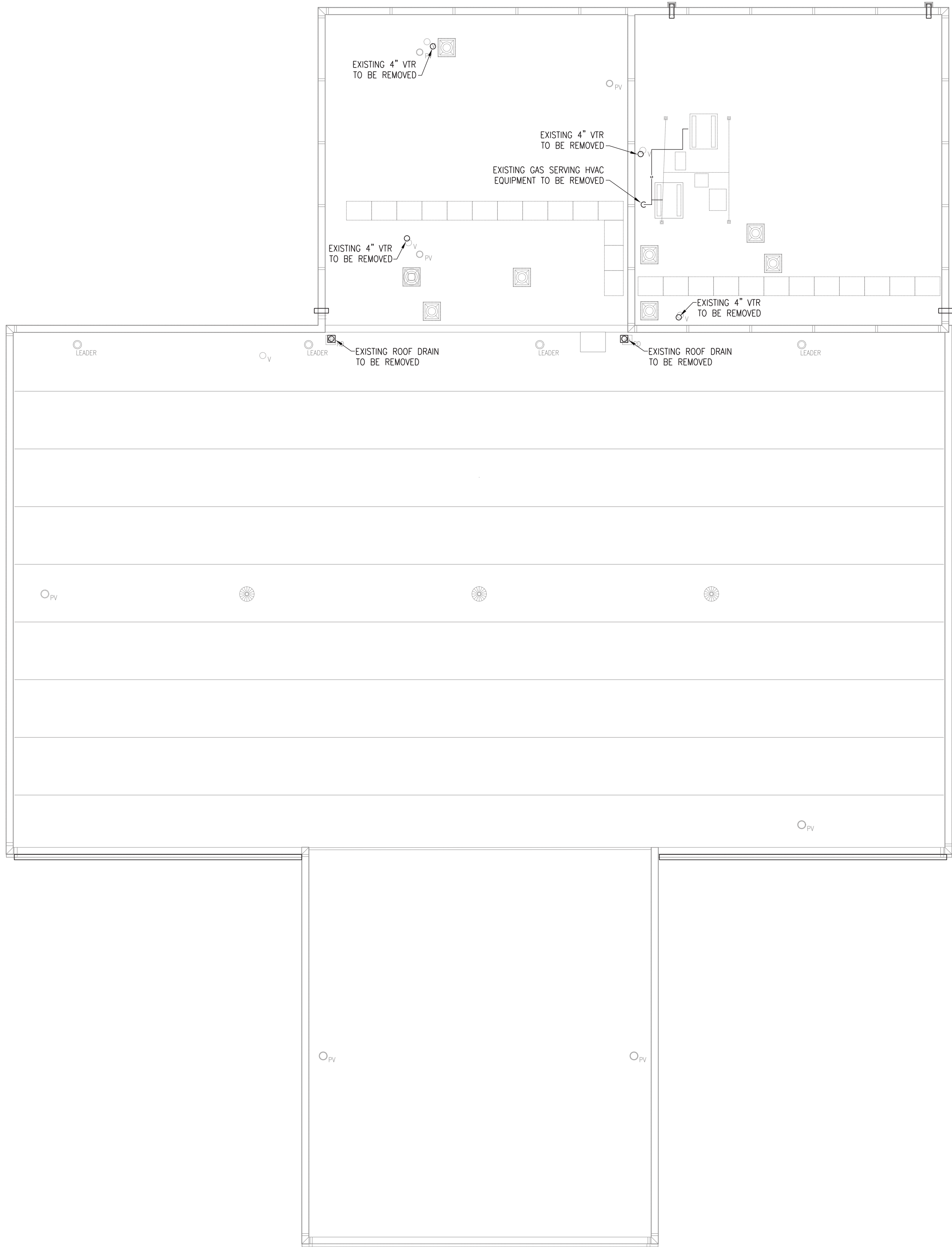
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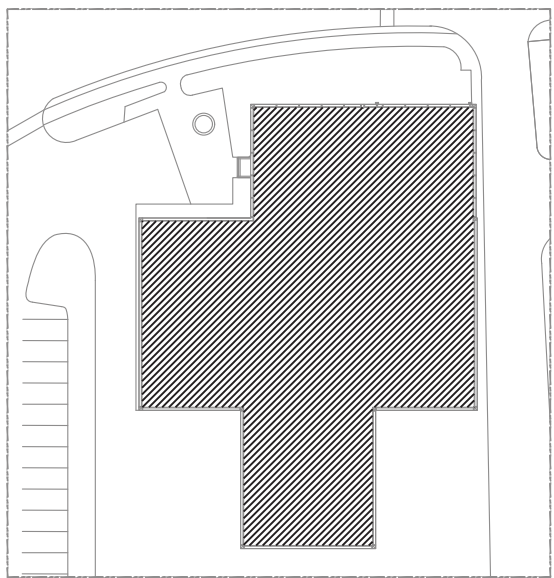
P104.00



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one quarter inch = one foot  
0 4 8  
three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 4  
three quarters inch = one foot  
0 4 6  
one inch = one foot  
0 6 12 2



1 ROOF DEMOLITION PLAN  
SCALE: 3/32"=1'-0"



A KEY PLAN  
SCALE: NTS



Robert H. Gruffi, P.E., LEED AP  
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50 Sanatorium Road  
Building A, 2nd Floor  
Pomona, NY 10970

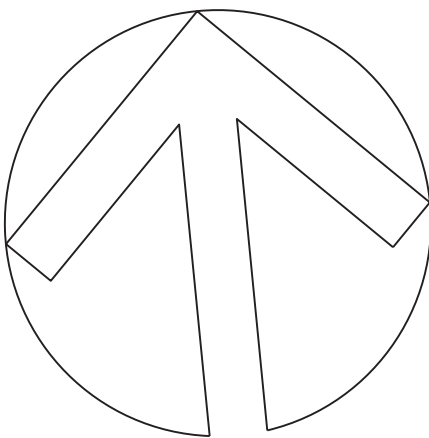


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CAPITAL PROJECT #1521  
SHERIFF'S OPERATIONS  
BUILDING

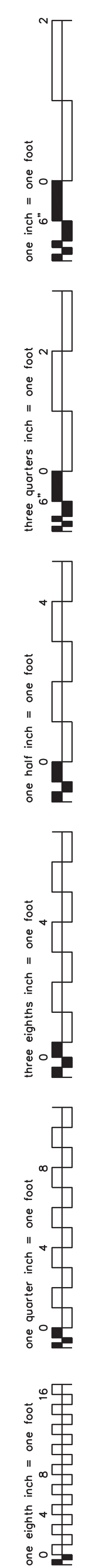
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PLUMBING ROOF LEVEL  
DEMOLITION PLAN

PROJECT NO.: 25097 SCALE: AS NOTED

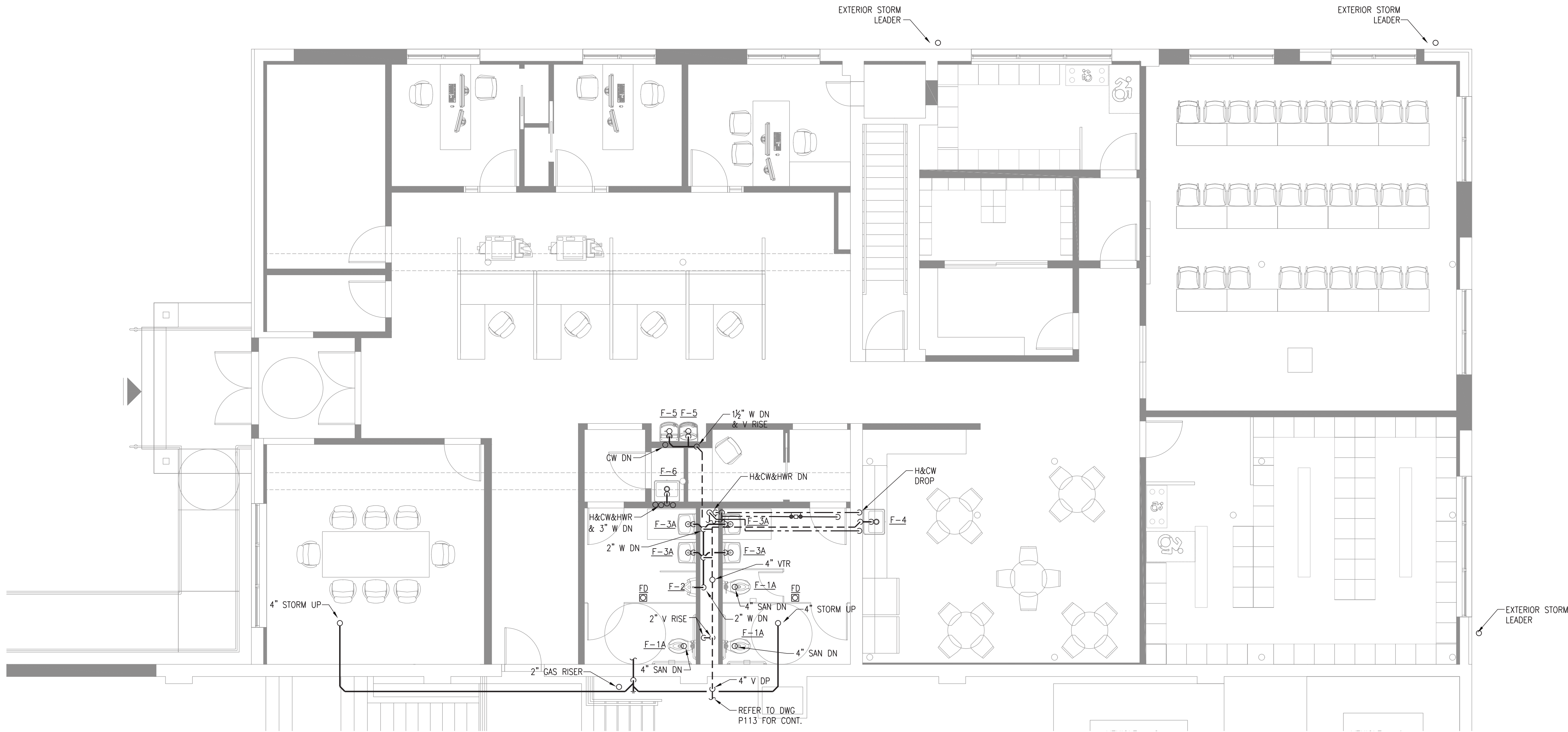
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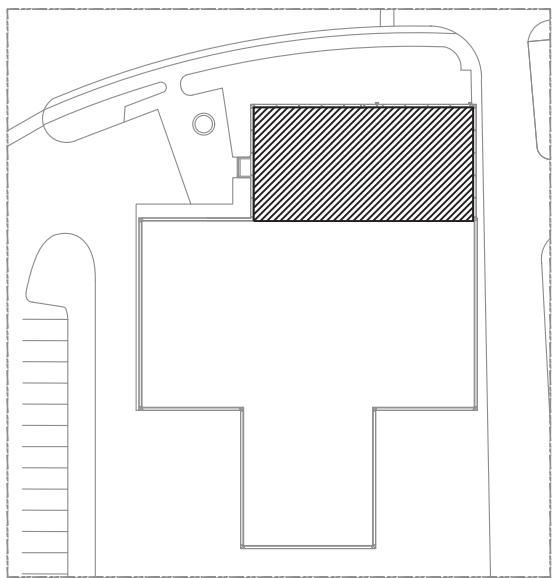




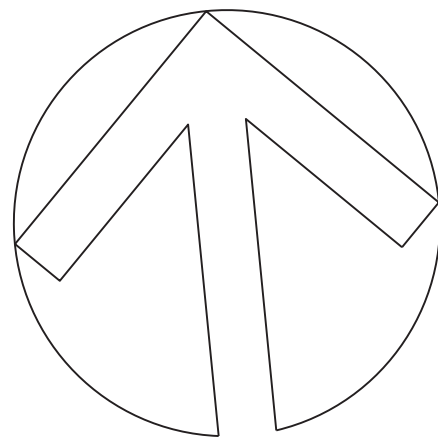
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three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 4  
three quarters inch = one foot  
0 4  
one inch = one foot  
0 6 12



1 UPPER LEVEL CONSTRUCTION FLOOR PLAN  
SCALE: 3/16"=1'-0"



ISSUE NO. 5	09/03/2024	ISSUED FOR BID
ISSUE NO. 4	07/10/2024	UPDATED 100% CONSTRUCTION DOCUMENT SUBMISSION
ISSUE NO. 3	06/06/2024	100% CD SUBMISSION
ISSUE NO. 2	03/29/2024	90% CD SUBMISSION
ISSUE NO. 1	12/14/2023	60% SUBMISSION
ISSUE NO.	ISSUE DATE	DESCRIPTION



CAPITAL PROJECT #1521  
SHERIFF'S OPERATIONS  
BUILDING

23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

PLUMBING UPPER LEVEL  
CONSTRUCTION FLOOR PLAN

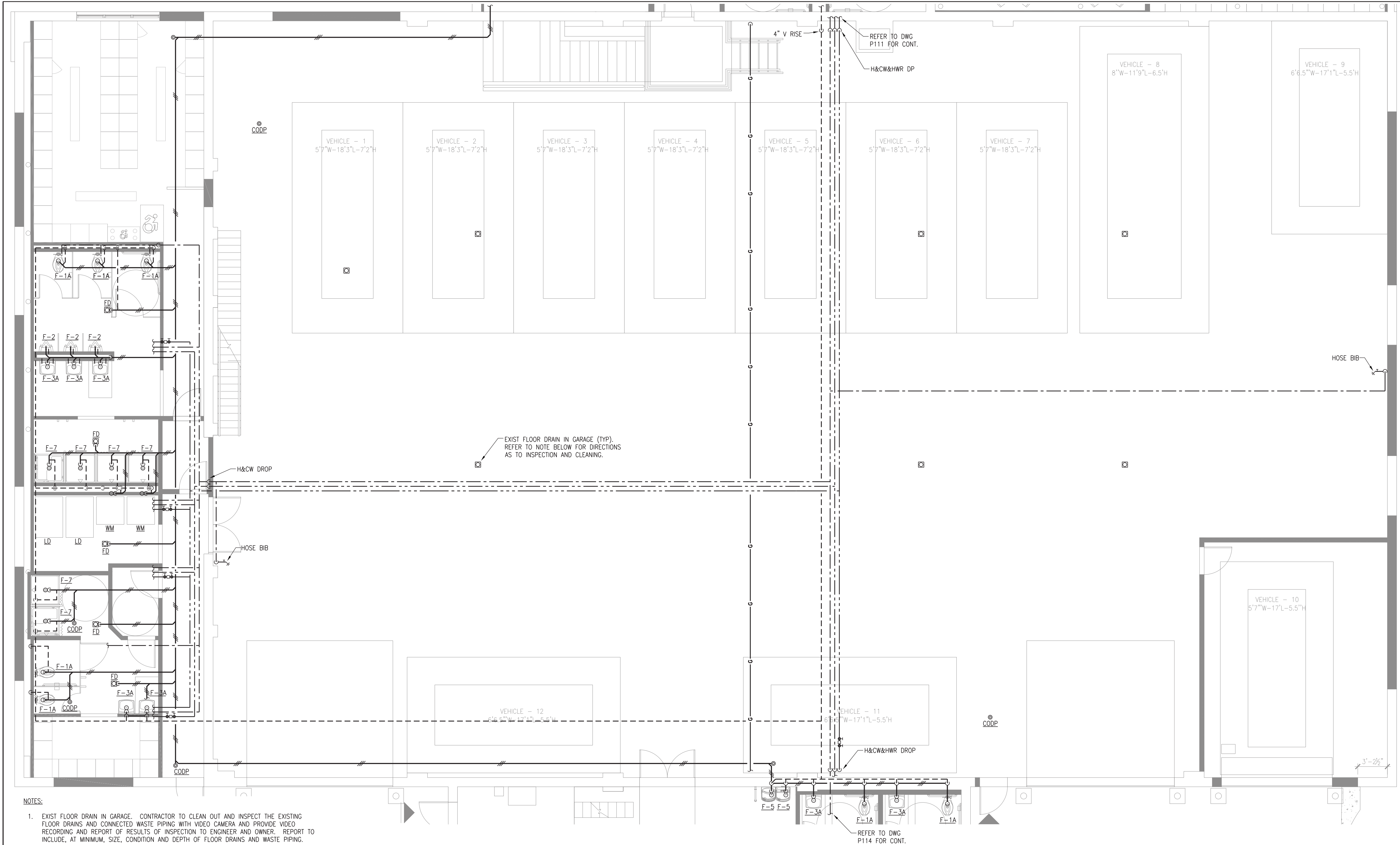
PROJECT NO.: 25097 SCALE: AS NOTED

DRAWING NO.:

P112.00

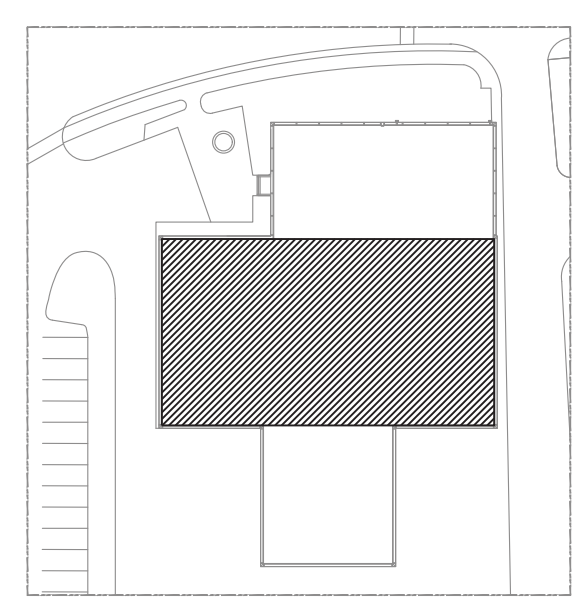


one eighth inch = one foot  
0 4 8 16  
one quarter inch = one foot  
0 4 8  
one eighth inch = one foot  
0 4 8 16  
three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 4 8  
one half inch = one foot  
0 4 8  
three quarters inch = one foot  
0 6  
one inch = one foot  
0 6 12



NOTES:  
1. EXIST FLOOR DRAIN IN GARAGE. CONTRACTOR TO CLEAN OUT AND INSPECT THE EXISTING FLOOR DRAINS AND CONNECTED WASTE PIPING WITH VIDEO CAMERA AND PROVIDE VIDEO RECORDING AND REPORT OF RESULTS OF INSPECTION TO ENGINEER AND OWNER. REPORT TO INCLUDE, AT MINIMUM, SIZE, CONDITION AND DEPTH OF FLOOR DRAINS AND WASTE PIPING.

1 GARAGE CONSTRUCTION FLOOR PLAN  
SCALE: 3/16"=1'-0"



A KEY PLAN  
SCALE: NTS

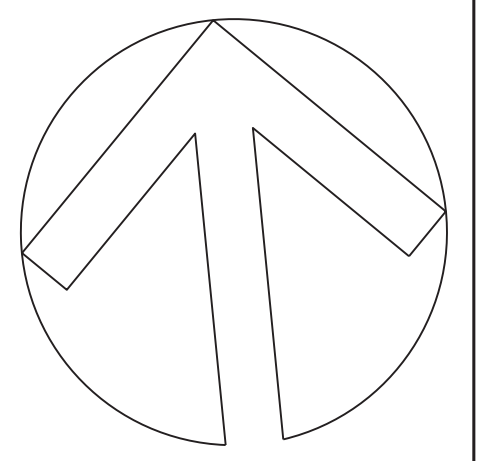


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ISSUE NO.	ISSUE DATE	DESCRIPTION
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## CAPITAL PROJECT #1521 SHERIFF'S OPERATIONS BUILDING

23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

### PLUMBING GARAGE LEVEL CONSTRUCTION FLOOR PLAN

PROJECT NO.: 25097 SCALE: AS NOTED

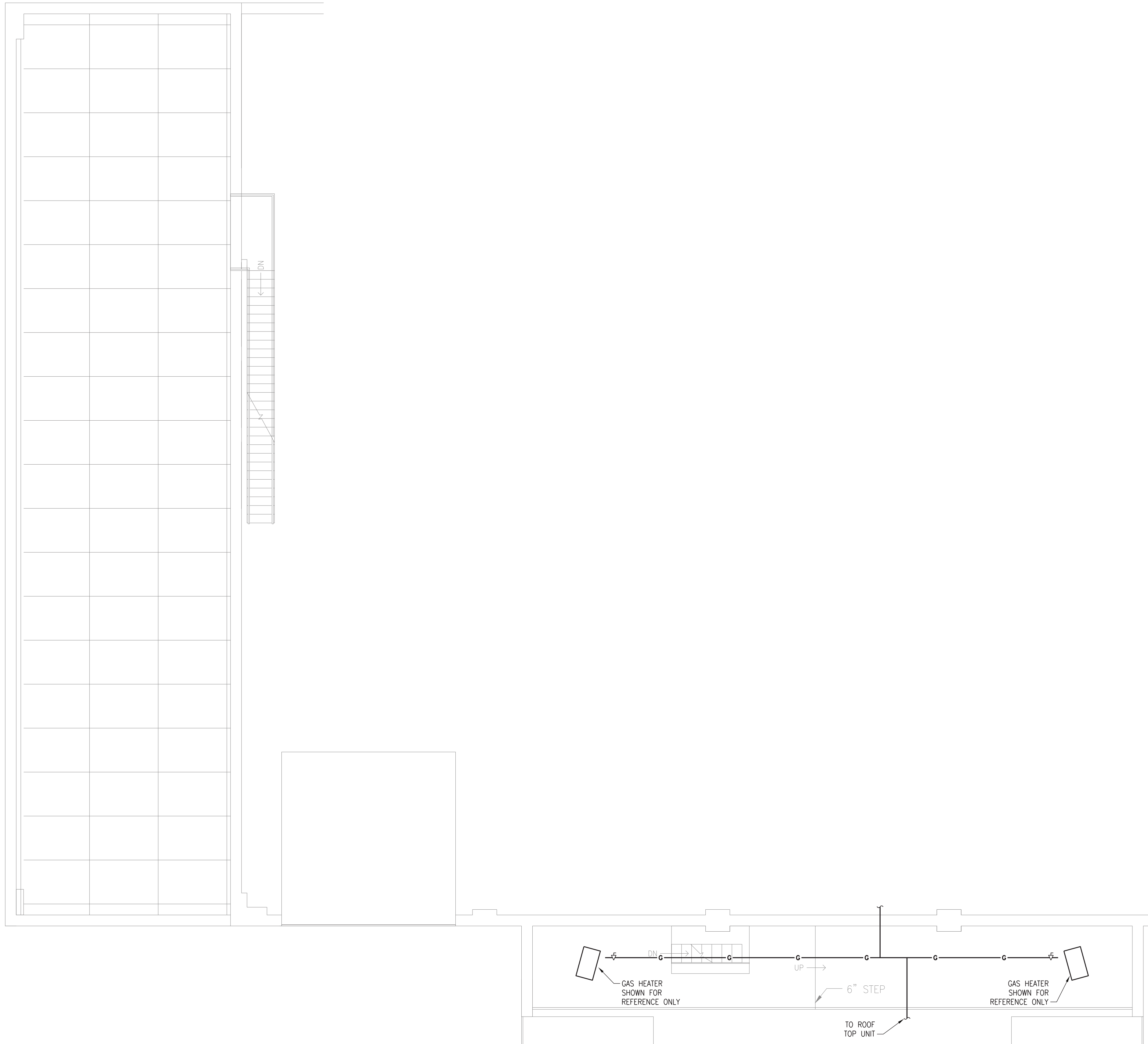
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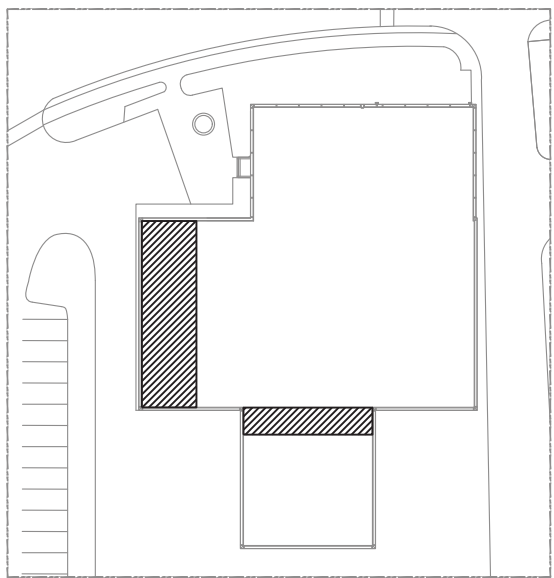




one eighth inch = one foot  
0 4 8 16  
one quarter inch = one foot  
0 4 8  
three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 4  
three quarters inch = one foot  
0 4  
one inch = one foot  
0 6" 2



1 MEZZANINE CONSTRUCTION FLOOR PLAN  
SCALE: 3/16"=1'-0"



A KEY PLAN  
SCALE: NTS



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Director Facilities Management

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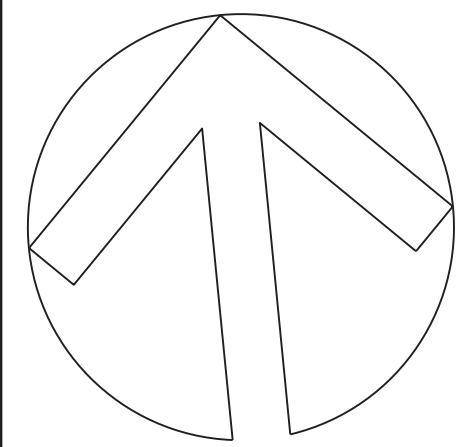
333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115



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ISSUE NO.	ISSUE DATE	DESCRIPTION
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23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

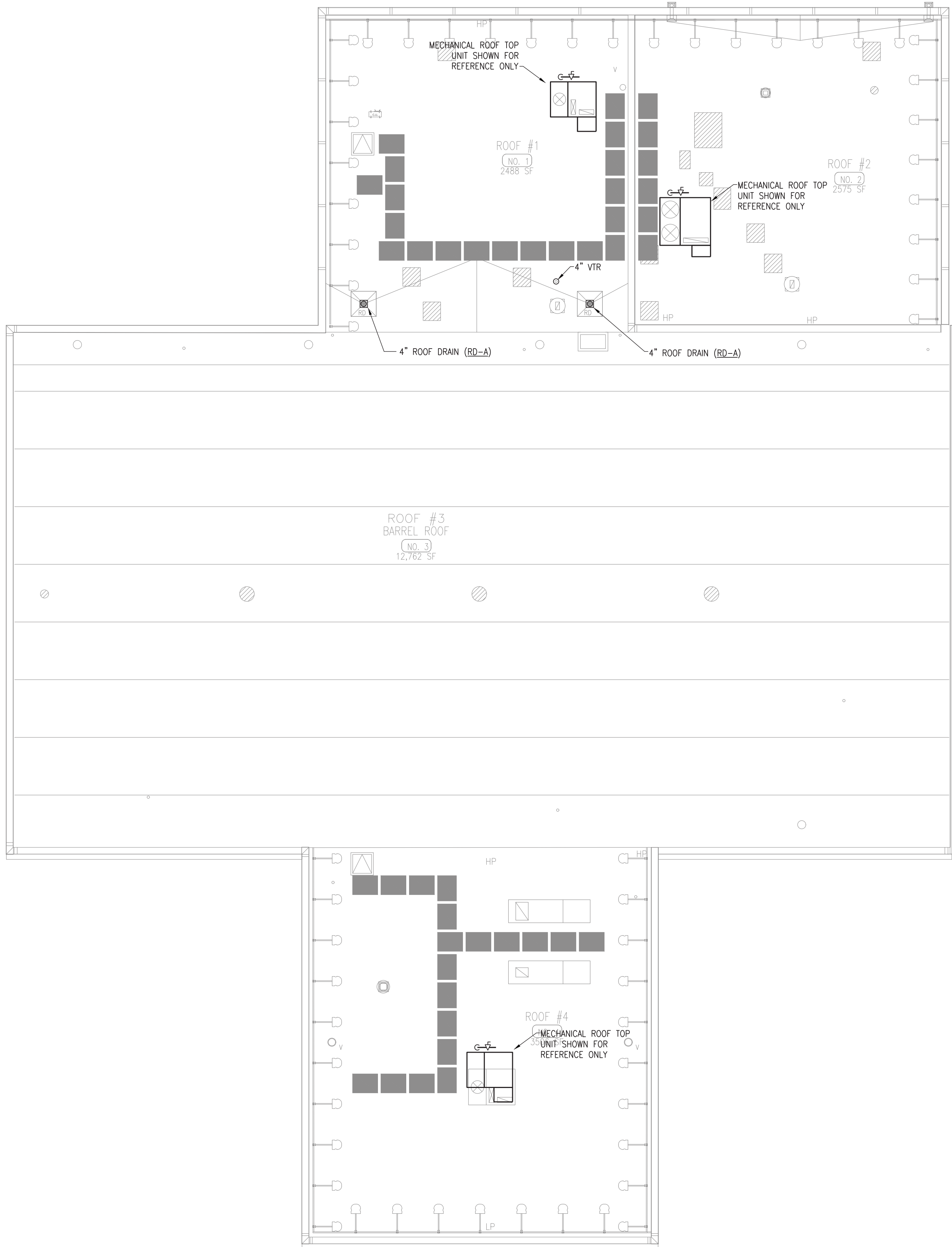
### PLUMBING MEZZANINE LEVEL CONSTRUCTION FLOOR PLAN

PROJECT NO.:	25097	SCALE:	AS NOTED
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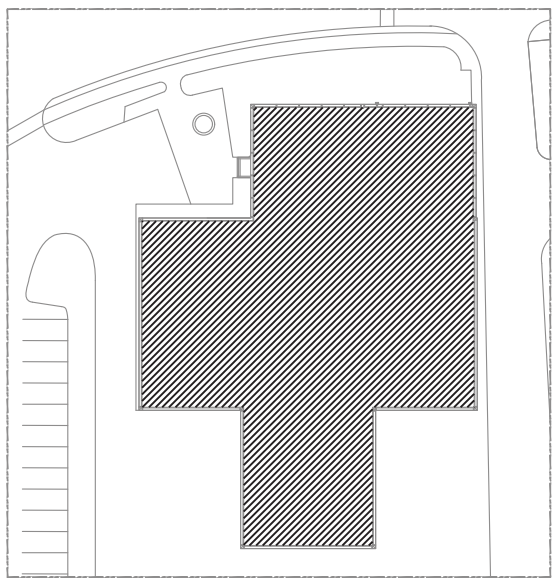
DRAWING NO.:

P115.00

one eighth inch = one foot  
0 4 8 16  
one quarter inch = one foot  
0 4 8  
three eighths inch = one foot  
0 4 8  
one half inch = one foot  
0 4 8  
three quarters inch = one foot  
0 4 8  
one inch = one foot  
0 4 8



1 ROOF CONSTRUCTION PLAN  
SCALE: 3/32"=1'-0"

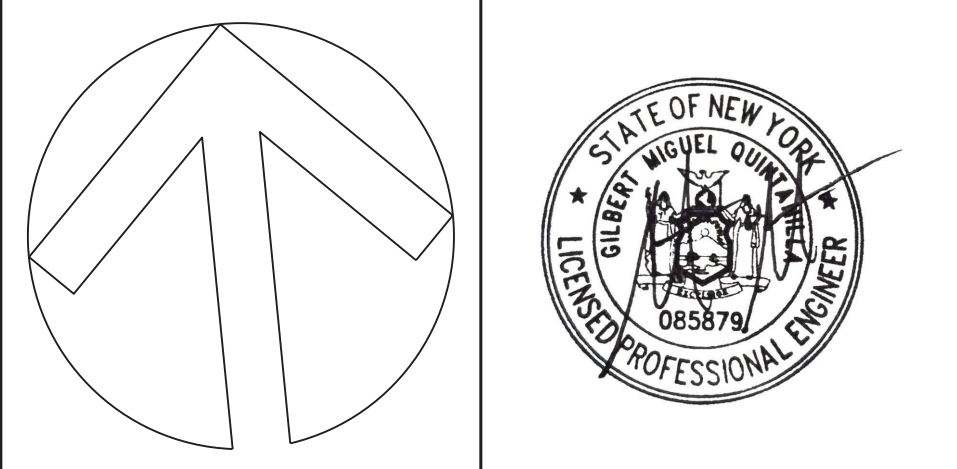


A KEY PLAN  
SCALE: NTS



REFERENCE  
NORTH

ISSUE NO. 5	09/03/2024	ISSUED FOR BID
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CAPITAL PROJECT #1521  
SHERIFF'S OPERATIONS  
BUILDING

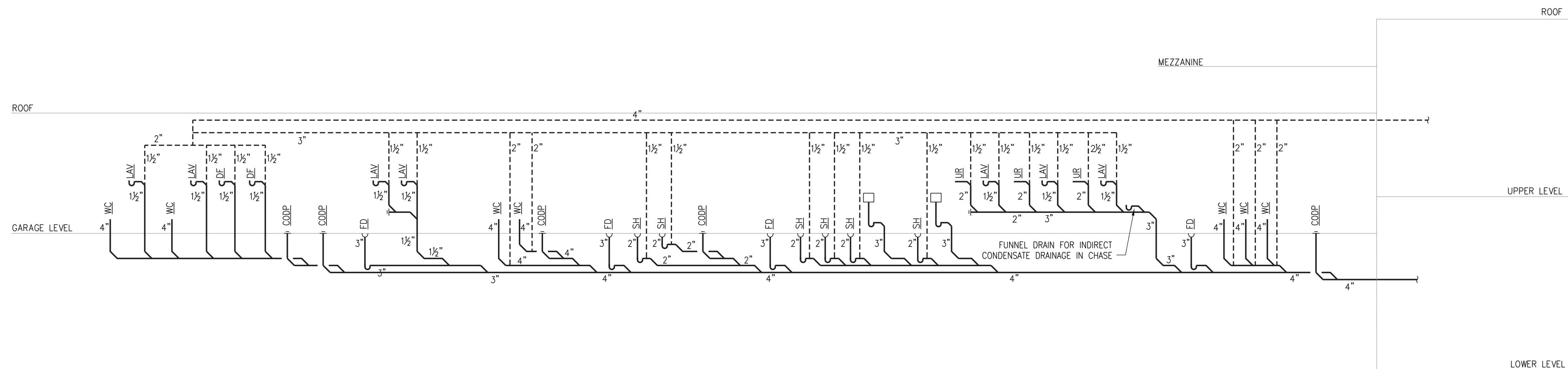
23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

PLUMBING ROOF LEVEL  
CONSTRUCTION PLAN

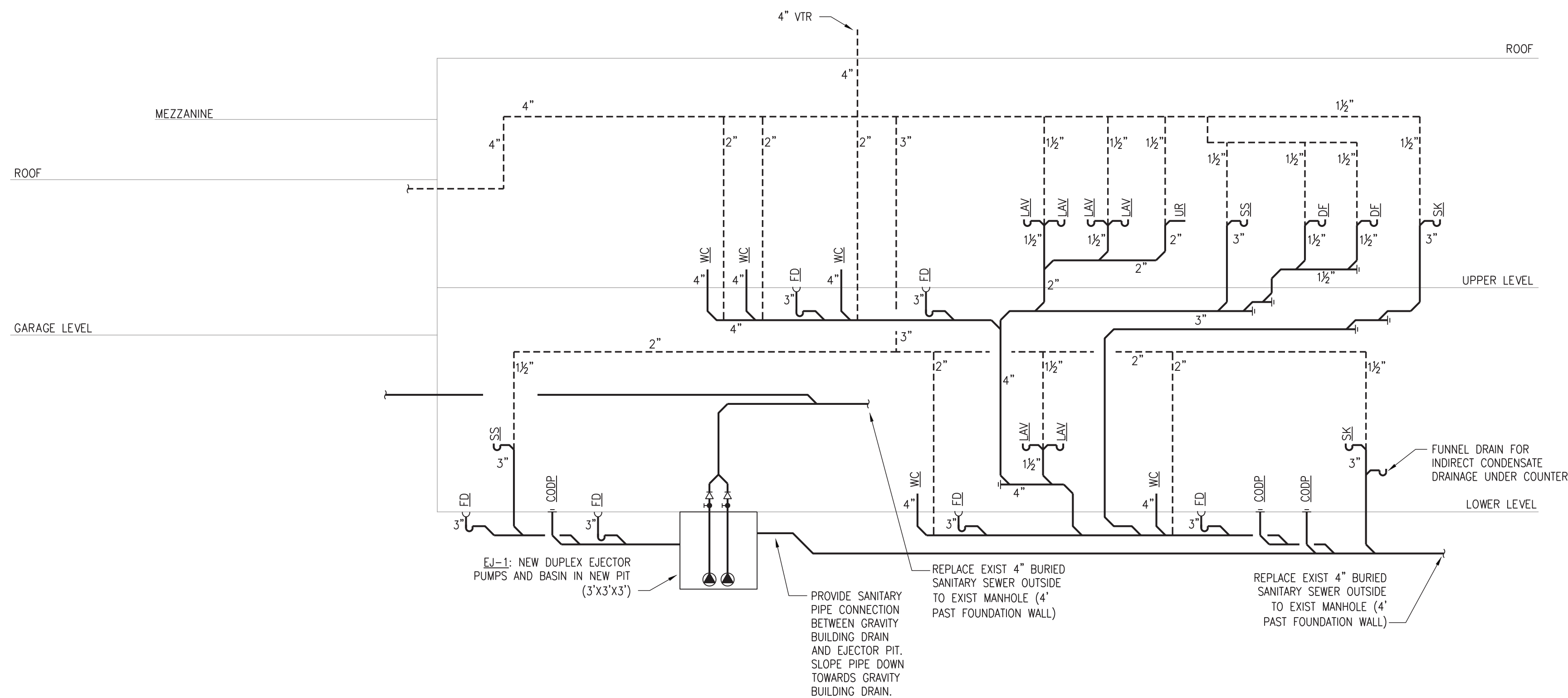
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DRAWING NO.:  
P116.00

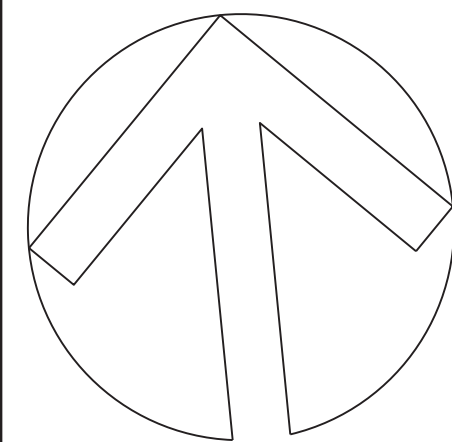




1 SANITARY RISER DIAGRAM  
SCALE: 3/16"=1'-0"



2 SANITARY RISER DIAGRAM CONTINUED  
SCALE: 3/16"=1'-0"



CAPITAL PROJECT #1521  
SHERIFF'S OPERATIONS  
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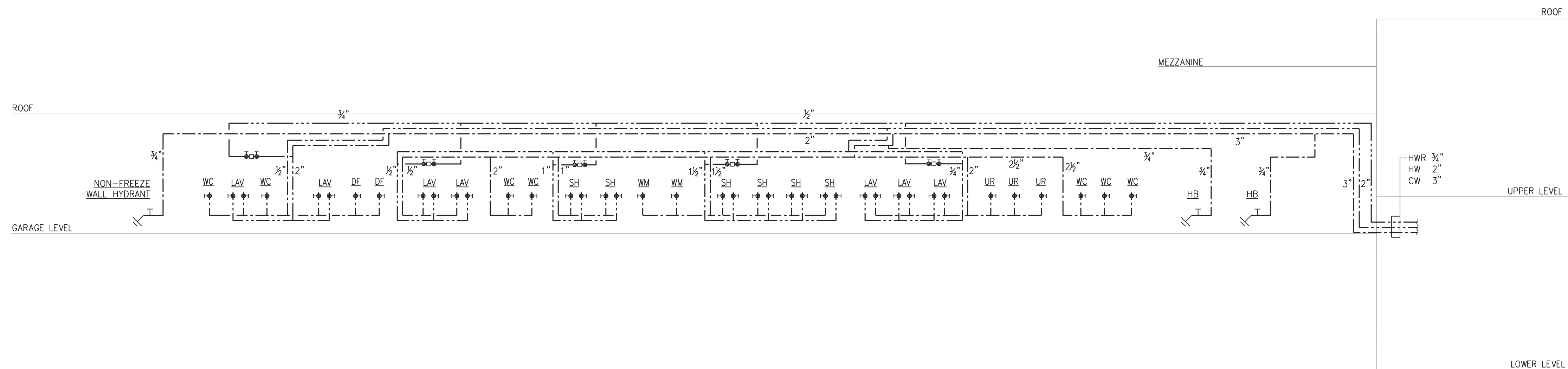
PLUMBING SANITARY RISER  
DIAGRAM

PROJECT NO.: 25097 SCALE: AS NOTED

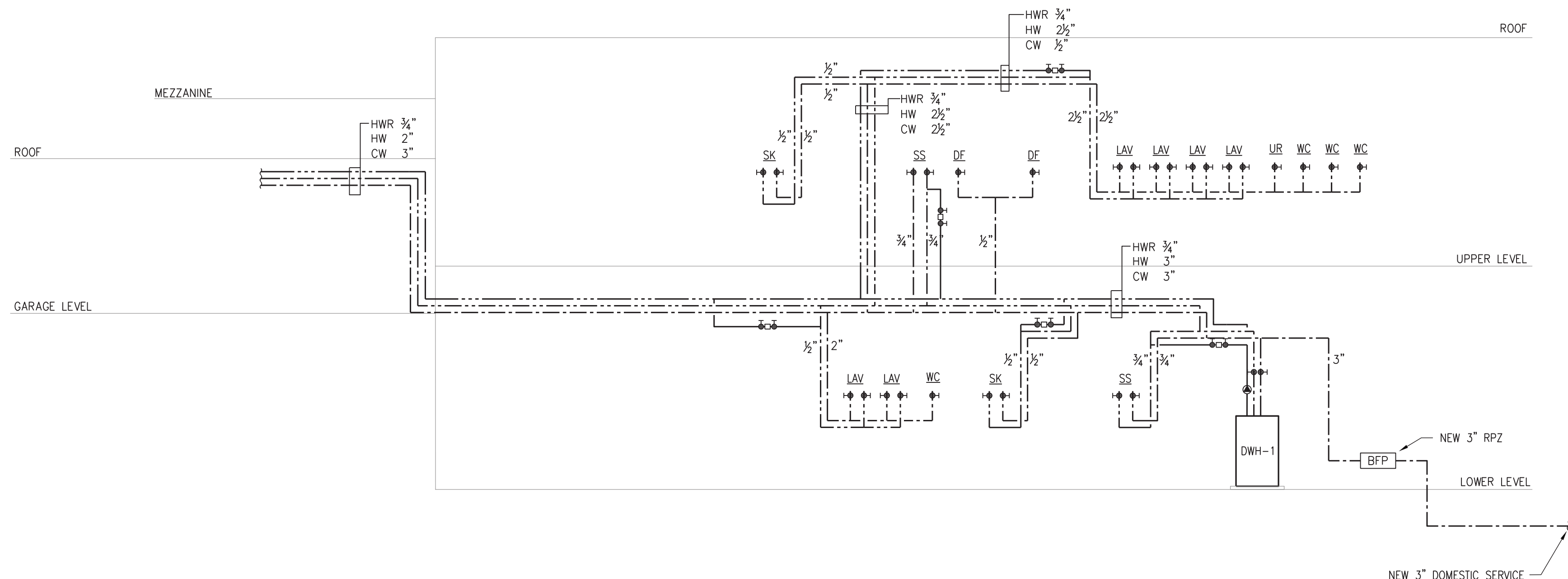
DRAWING NO.:

P400.00

one inch = one foot  
one quarter inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

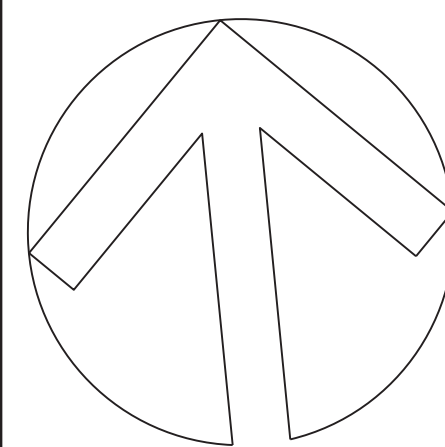


1 DOMESTIC RISER DIAGRAM  
SCALE: 3/16"=1'-0"



2 DOMESTIC RISER DIAGRAM CONTINUED  
SCALE: 3/16"=1'-0"

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## CAPITAL PROJECT #1521 SHERIFF'S OPERATIONS BUILDING

23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

### PLUMBING DOMESTIC RISER DIAGRAM

PROJECT NO.: 25097 SCALE: AS NOTED

DRAWING NO.:

P401.00





GAS STORAGE WATER HEATER SCHEDULE																
DESIGNATION	NO. REQUIRED	SERVICE	MANUFACTURER AND MODEL NUMBER	STORAGE WATER TEMPERATURE (DEG.F)	VOL. OF STORAGE TANK (GALS.)	RECOVERY/HEATER (GPH)	TEMPERATURE RISE (DEG. F)	MAXIMUM WATER FLOW (G.P.M.)	W.W.P. (PSIG.)	TANK DIAMETER (INCHES)	TANK HEIGHT (INCHES)	VOLTAGE	PHASE	GAS INPUT (CFH)	REMARKS	DRAWING NO.
DWH	1	RESTROOMS/SHOWERS	AO SMITH CYCLONE HE POWER VENT	120°F	50	86	100	64	125	22	60	120	1	700	PROVIDE CONDENSATE ACID NEUTRALIZING KIT MOD Z-12	

[illegible]

PUMP SCHEDULE																												
DESIGNATION	NO. REQUIRED	SERVICE	LOCATION	FLOW RATE (GPM)	MAXIMUM TOTAL DYNAMIC HEAD (FT.)	MINIMUM TOTAL DYNAMIC HEAD (FT.)	CASING PRESSURE (PSIG)	MANUFACTURER MODEL NUMBER	STAGES	VERTICAL SPLIT	HORIZONTAL SPLIT	END SUCTION	IN LINE	VERTICAL TURBINE	SUBMERGIBLE	MOTOR					MANUAL CONTROL	AUTOMATIC CONTROL	PILOT LIGHT	PRESSURE GAUGE RANGE	ALARMS REQUIRED	EMERGENCY POWER REQUIRED	REMARKS	DRAWING NO.
																MINIMUM HP.	RPM	VOLTS	PHASE	CYCLES /HR								
EJ-1	2	CELLAR	CELLAR - MECH. ROOM	25	15			WEIL MODEL NO. 2426							X	0.5	1750	208	3	60		X			X		PROVIDE WITH 8159 CONTROL PANEL, 8230 TETHERED CONTROLS, 8341 HIGH WATER REMOTE ALARM PANEL, 8805 ROUND COVER. INSTALL IN 36" DEEP, 36" DIA BASIN.	P-100
RC-1	1	HOT WATER RECIRCULATION	CELLAR - BOILER ROOM	2	10		140	CRUNDFOS UP15-29								1/8		115	1	60		X						P-300

PLUMBING FIXTURE SCHEDULE									
	DESCRIPTION			SERVICE CONNECTION					REMARKS
DESIGNATION	FIXTURE	MANUFACTURER	MODEL & NUMBER	S	W	V	CW	HW	
F-1A	WATER CLOSET	KOHLER	96057-0	4"	-	2"	1 1/4"	-	ADA COMPLIANT TOILET, FLOOR MOUNTED TOILET
	SEAT	KOHLER	4731-C-0						
	FLUSH VALVE	KOHLER	K-7531						
	-								
F-1B	WATER CLOSET	KOHLER	96053-0	4"	-	2"	1 1/4"	-	FLOOR MOUNTED TOILET
	SEAT	KOHLER	4731-C-0						
	FLUSH VALVE	KOHLER	K-7531						
	-								
F-2	URINAL	KOHLER	4991-ET-0	-	1 1/2"	1 1/2"	1/2"	1/2"	WALL HUNG HIGH EFFICIENCY URINAL
	FLUSH VALVE	KOHLER	B-38034						
	-								
	-								
F-3A	LAVATORY	KOHLER	K-2031	-	1 1/2"	1 1/2"	1/2"	1/2"	WALL-MOUNTED BATHROOM SINK, PROVIDES K-8998 P-TRAP
	FAUCET	KOHLER	K-97283-4						
	DRAIN / TRAP	KOHLER	K-7129-A-VS						
	-								
F-3B	LAVATORY	KOHLER	K-2882-95	-	2"	1 1/2"	1/2"	1/2"	UNDER-MOUNTED BATHROOM SINK
	FAUCET	KOHLER	K-97283-4						
	DRAIN / TRAP	KOHLER	K-7129-A-VS						
	-								
F-4	SINK	ELKAY	LRAD191885	-	2"	1 1/2"	1/2"	1/2"	SIZE: 19"x18"x5"-12"
	FAUCET	DELTA	1980-DST						
	-								
	-								
F-5	FOUNTAIN	ELKAY	LZWS-LRPBM26K	-	2"	1 1/2"	1/2"	1/2"	REFRIGERATED + FILTERED
	-								
	-								
	-								
F-6	SERVICE SINK	KOHLER	K-6710	-	3"	1 1/2"	3/4"	3/4"	FLOOR-MOUNTED SERVICE SINK
	FAUCET	KOHLER	K-8905						
	DRAIN / TRAP	KOHLER	K-8801						
	-								
F-7	SHOWER	FREEDOM	APF38.38BF 1P RRF, APFQ38.38BF1PRRF	-	2"	1 1/2"	1/2"	1/2"	ADA COMPLIANT SHOWER WITH PRESSURE BALANCE CARTRIDGE AND SHOWER BODY KIT
	CARTRIDGE	AMERICAN STANDARD	TU353502						
	SHOWER BODY	AMERICAN STANDARD	1662.601						
	BASE	AMERICAN STANDARD	4834.STTS						
	-		-						
F-8	HOSE BIBB	-	-	-	-	-	3/4"	-	
F-9	NON-FREEZE WALL HYDRANT	ZURN	Z1305	-	-	-	3/4"	-	

NOTE:  
1. REFER TO ARCHITECTURAL DRAWINGS FOR FURTHER ACCESSORIES AND DETAILS REGARDING PLUMBING FIXTURES.

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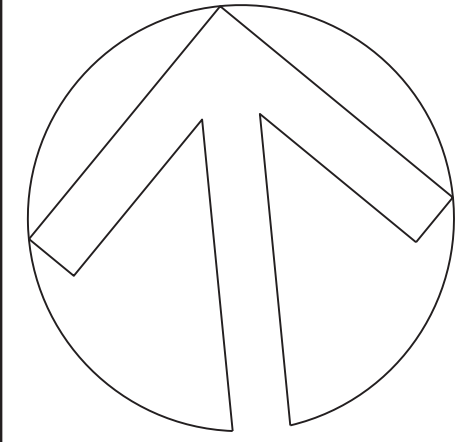
**Lothrop**  
**Associates Architects D.P.C.**

**333 Westchester Avenue  
White Plains, New York 10604  
914-741-1115**



445 HAMILTON AVE, SUITE 608  
White Plains, NY 10601  
(914) 332-7658

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**CAPITAL PROJECT #1521**

**SHERIFF'S OPERATIONS  
BUILDING**

23 NEW HEMPSTEAD RD  
NEW CITY, NY 10956

## PLUMBING SCHEDULES

PROJECT NO.:	25097	SCALE:	AS NOTED
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DRAWING NO.:

P500.00

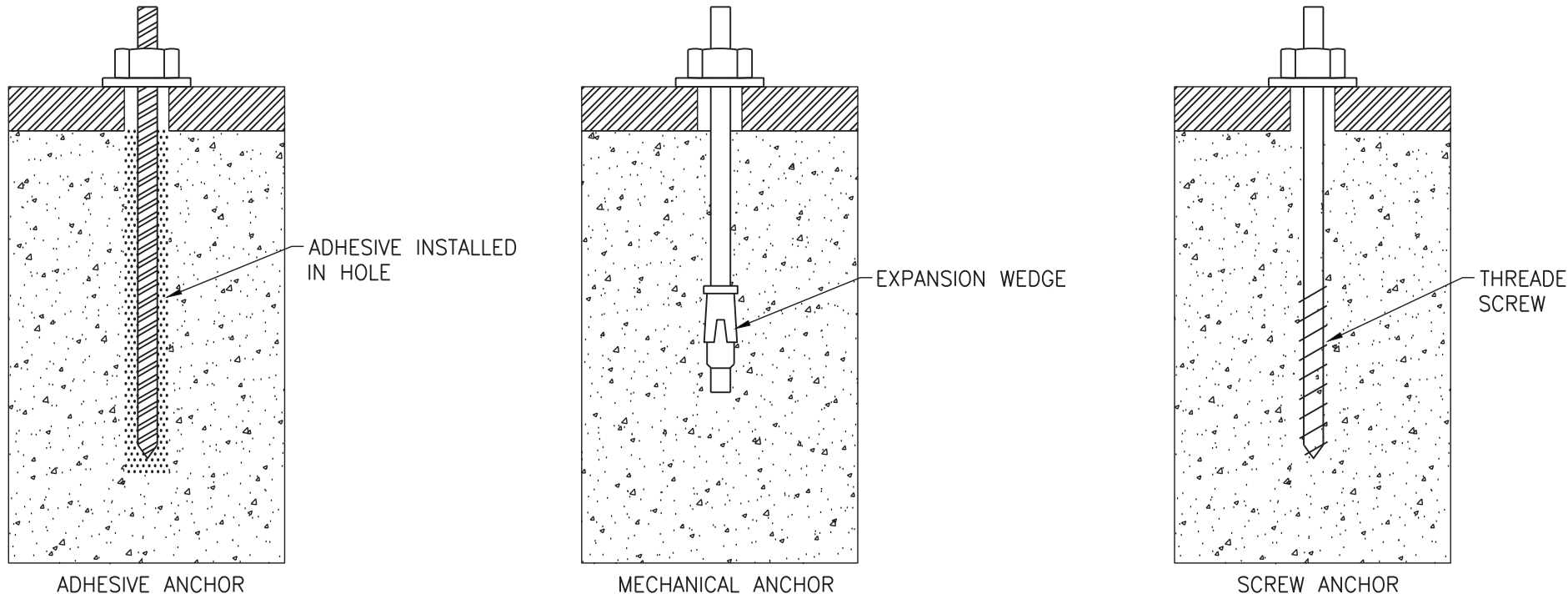


one inch = one foot  
6"  
0  
2  
three quarters inch = one foot  
6"  
0  
2  
4  
one half inch = one foot  
0  
one eighth inch = one foot  
0  
4  
8  
16

GENERAL GUIDELINE FOR SELECTING APPROPRIATE POST INSTALLED ANCHORS

- DETERMINE SYSTEM COMPONENTS:
- TYPE OF MATERIAL THAT THE ANCHOR WILL BE INSTALLED IN (CONCRETE, MASONRY, OR STONE)
  - CONDITION OF MATERIAL (CRACKED OR UNCRACKED), STRENGTH (PSI RATING), WET, DRY, ETC.
  - ANCHOR MATERIAL (CARBON STEEL, GALVANIZED, STAINLESS, ETC.)
  - TYPE OF ANCHOR (REBAR, THREADED ROD, ETC) AND INSTALLATION METHOD (ADHESIVE, MECHANICAL, OR SCREW)
  - ORIENTATION OF ANCHOR (OVERHEAD, IN WALL, OR FLOOR MOUNTED)
  - PLACEMENT OF ANCHOR WITH RESPECT TO EDGES AND SPACING REQUIREMENTS

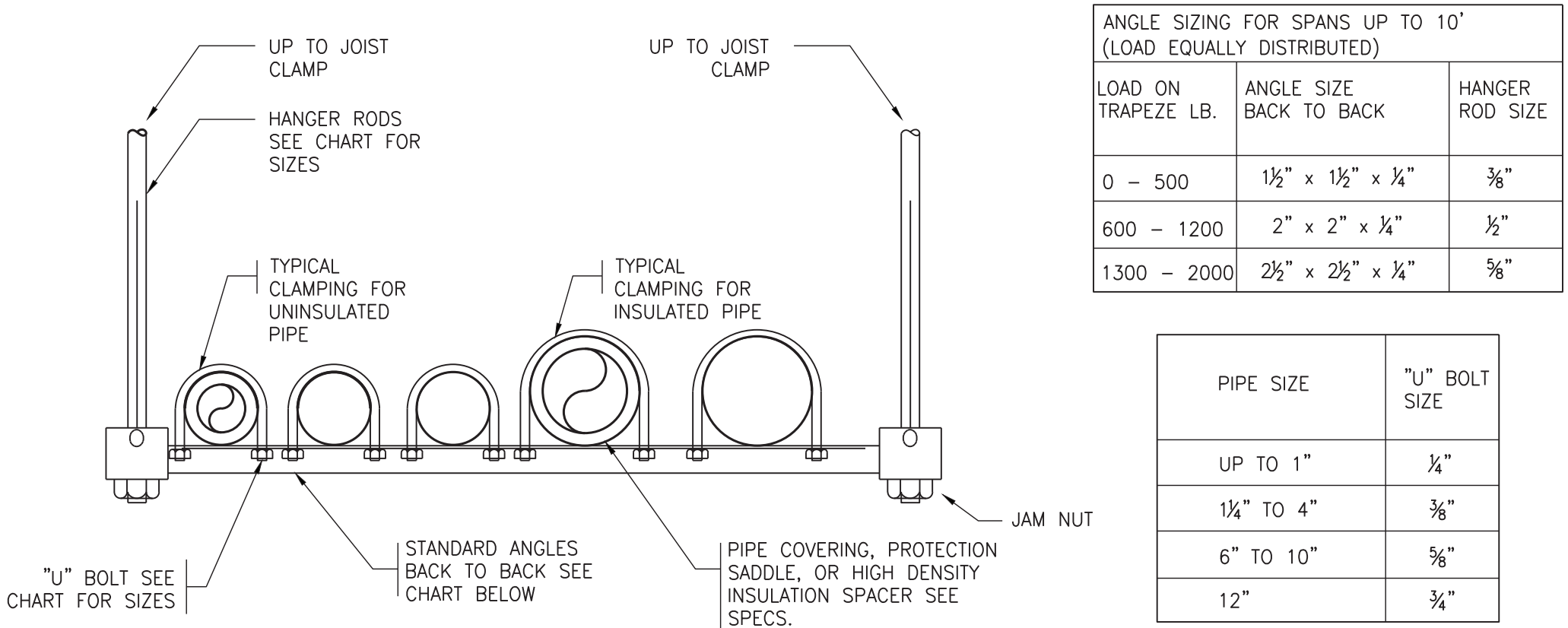
FOR EACH SYSTEM TYPE, SELECT AN ANCHOR THAT HAS A CURRENT ICC EVALUATION SERVICE REPORT (ESR) AND IS APPROVED FOR THE FIELD CONDITIONS



- ADHESIVE ANCHOR
- MECHANICAL ANCHOR
- SCREW ANCHOR
- ASSUME UNDERSIDE OF CONCRETE IS CRACKED
- NOTES
- CAPACITY AND PLACEMENT OF ANCHORS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER. WHEN NO STRUCTURAL ENGINEER IS INVOLVED, THE MANUFACTURER SHALL BE CONSULTED TO PROVIDE GUIDANCE.
  - PER THE REQUIREMENTS OF THE AHJ, INSTALLERS SHALL BE QUALIFIED TO INSTALL EACH ANCHOR TYPE, AS APPLICABLE FOR THE SCOPE OF WORK.
  - ANCHORS SHALL BE INSTALLED PER THE INSTRUCTIONS OUTLINED IN THE CURRENT ESR FOR THAT MODEL.
  - IF STRENGTH OF EXISTING CONCRETE IS UNKNOWN, PULL TESTS OR CORE SAMPLES SHALL BE TAKEN TO CONFIRM RATING OF MATERIAL. PERFORM TESTING PRIOR TO ANY ANCHOR INSTALLATION.

CONCRETE IN TENSION

POST INSTALLED ANCHOR GUIDELINE



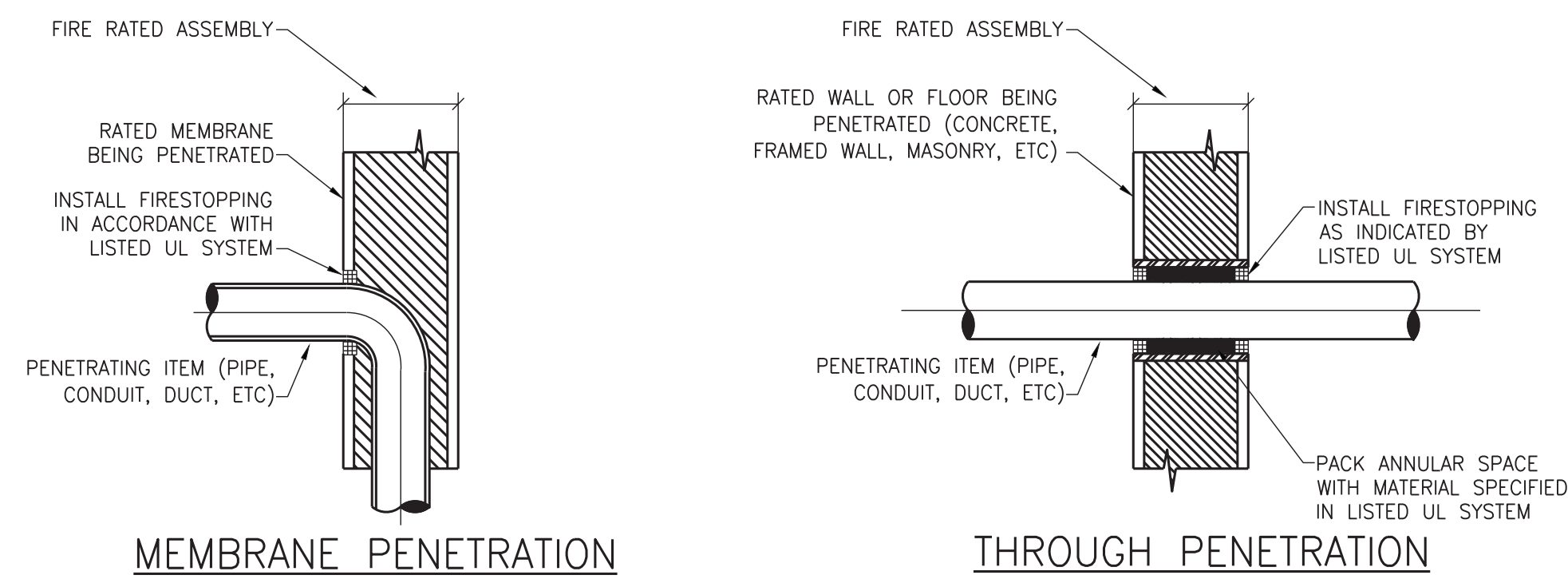
TRAPEZE HANGER

GENERAL GUIDELINE FOR SELECTING APPROPRIATE FIRESTOPPING SYSTEMS:

- DETERMINE SYSTEM COMPONENTS:
- TYPE OF PENETRATION (MEMBRANE OR THROUGH)
  - PENETRATING ITEM
  - ASSEMBLY BEING PENETRATED
  - MINIMUM AND MAXIMUM ANNULAR SPACES, POINTS OF CONTACT

- DETERMINE RATING REQUIREMENTS:
- F-RATING, T-RATING, L-RATING, AND W-RATING

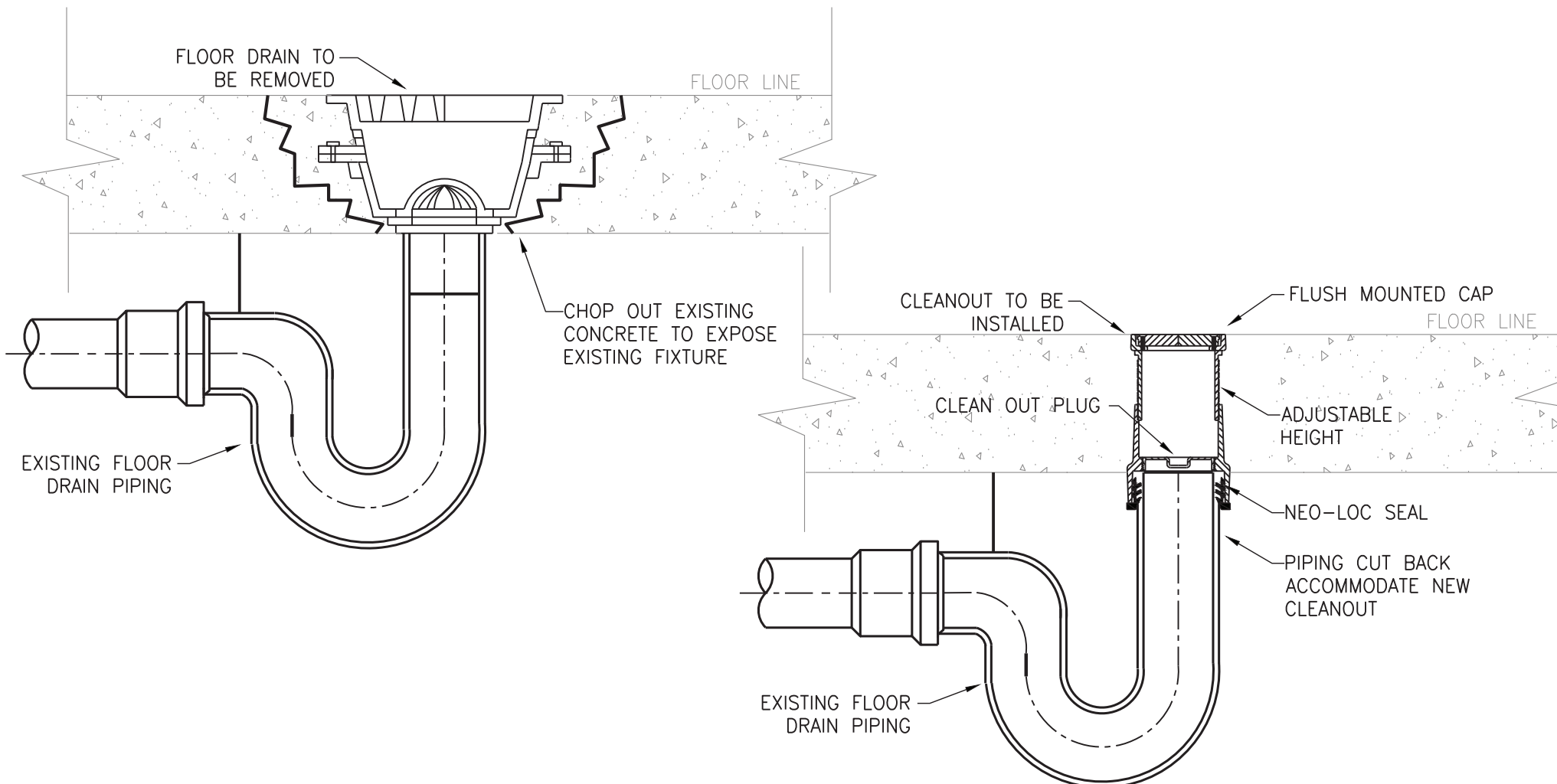
FOR EACH PENETRATION, SELECT A SYSTEM LISTED BY AN APPROVED TESTING AGENCY (UL, FM, ETC) THAT MEETS ALL OF THE ABOVE PARAMETERS



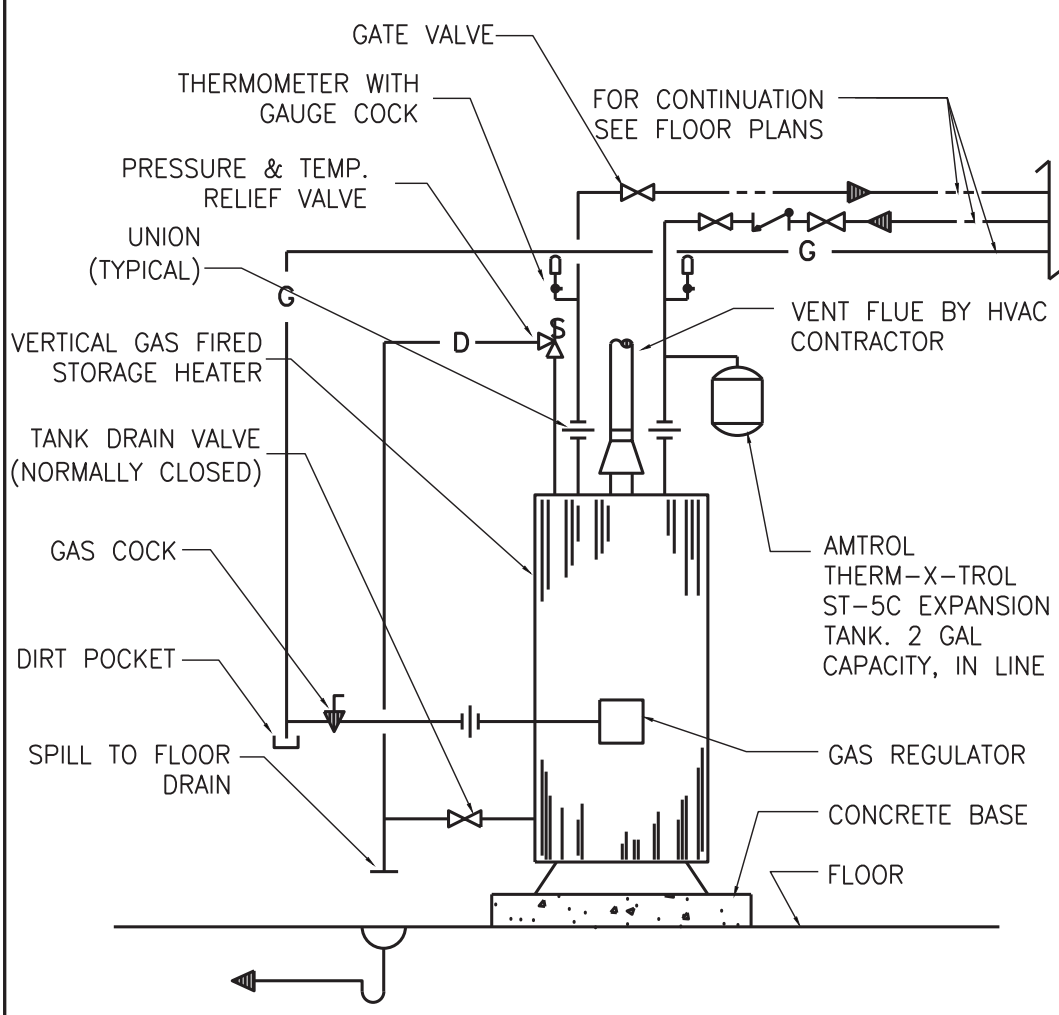
- MEMBRANE PENETRATION
- THROUGH PENETRATION
- PACK ANNULAR SPACE WITH MATERIAL SPECIFIED IN LISTED UL SYSTEM
- DEFINITIONS AND NOTES
- F-RATING: THE AMOUNT OF TIME (IN HOURS) BEFORE FLAMES CAN PASS THROUGH A PENETRATION FROM THE SIDE OF A WALL OR FLOOR EXPOSED TO FLAMES TO THE UNEXPOSED SIDE
- T-RATING: THE AMOUNT OF TIME (IN HOURS) BEFORE THE SURFACE OF AN ASSEMBLY AND/OR PENETRATING ITEM ON THE SIDE OF A WALL OR FLOOR NOT EXPOSED TO FLAMES RISES TO A TEMPERATURE OF 325°F
- L-RATING: THE AMOUNT OF AIR/SMOKE (IN CUBIC FEET PER MINUTE PER SQUARE FOOT) THAT CAN LEAK THROUGH THE PENETRATION
- W-RATING: A FIRESTOPPING PRODUCT'S ABILITY TO RESIST THE PASSAGE OF WATER THROUGH FLOOR ASSEMBLIES
- REFER TO PROJECT SPECIFICATIONS FOR RATINGS AND ADDITIONAL FIRESTOPPING REQUIREMENTS

ANNULAR SPACE

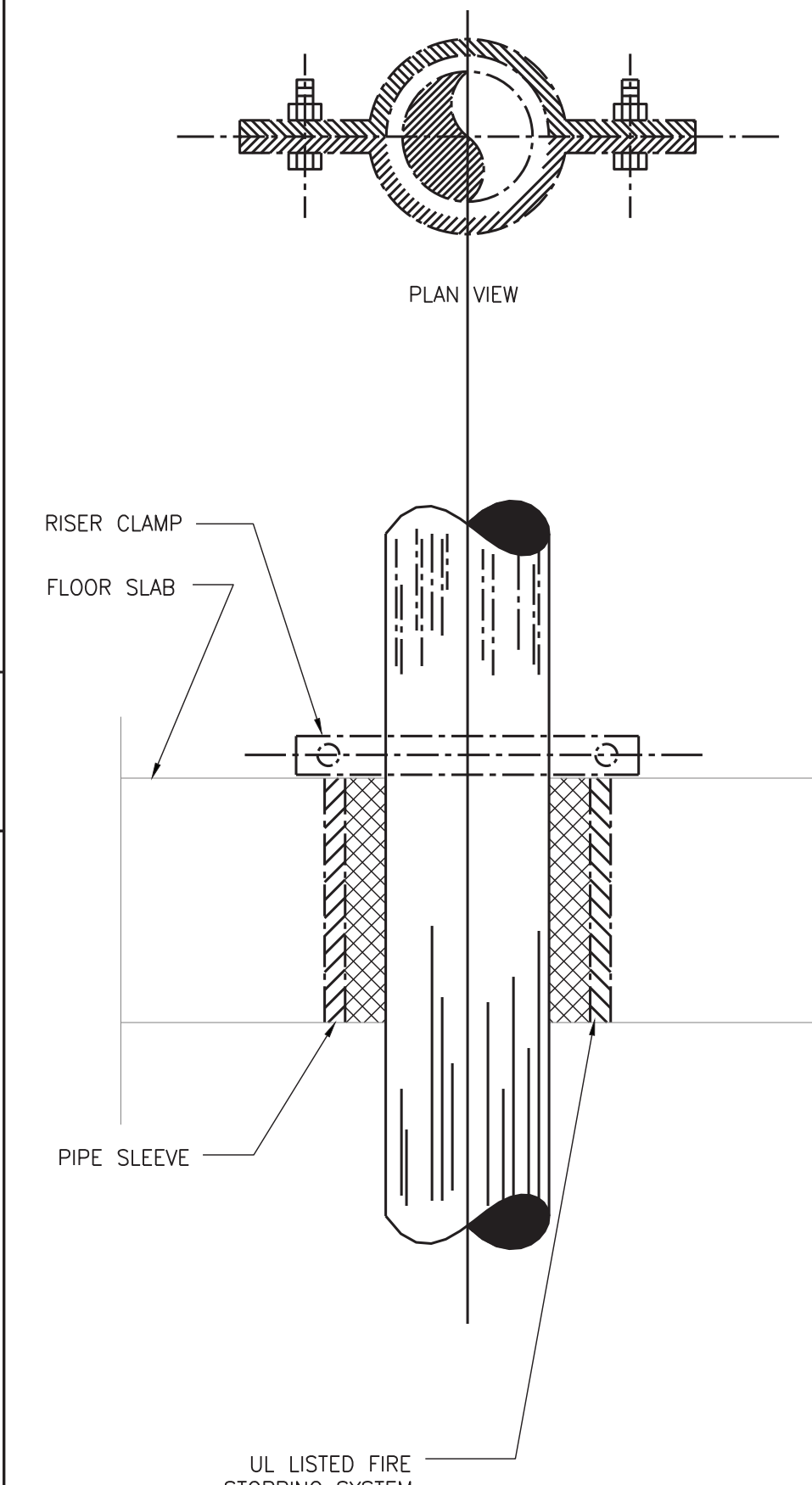
FIRESTOPPING PENETRATIONS GUIDELINE



FLOOR DRAIN REMOVED & CLEANOUT INSTALLED

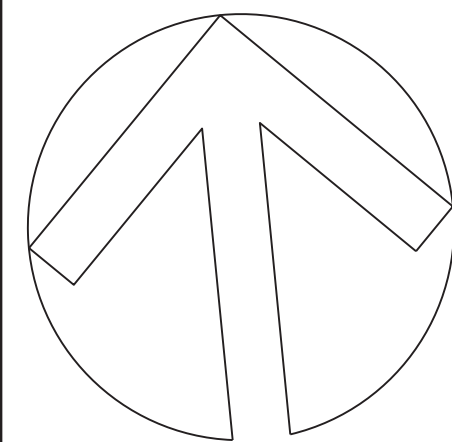


GAS FIRED DOMESTIC WATER HEATER



PIPE SLEEVE THRU FLOOR SLAB

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PLUMBING DETAILS

PROJECT NO.: 25097 SCALE: AS NOTED

DRAWING NO.:

P600.00