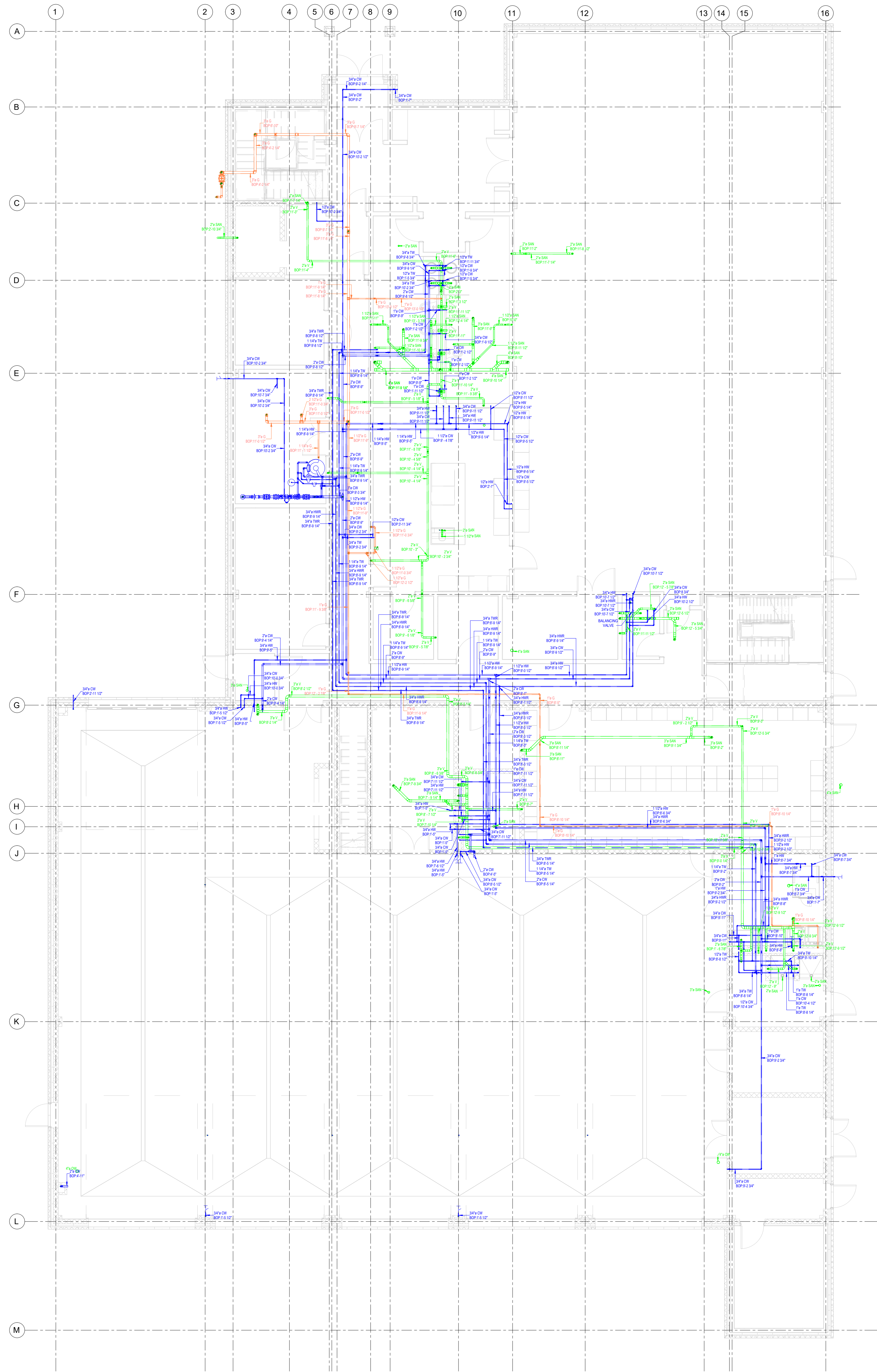
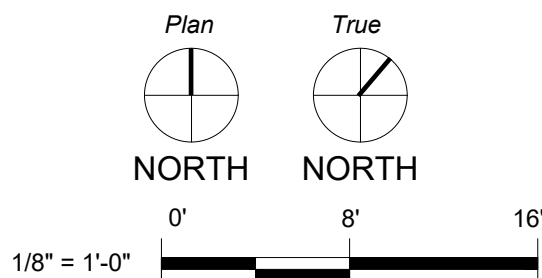
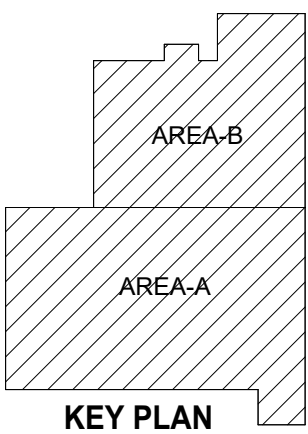




1 #4 PLUMBING- PHASE-2 BLDG 2 PLUMBING SHOP DWG LEVEL-1
1/4" = 1'-0"



ABBREVIATIONS

- CW = COLD WATER
- HW = HOT WATER
- TW = TEMPERED WATER
- TWR = TEMPERED WATER RETURN
- TYP = TYPICAL
- HWR = HOT WATER RETURN
- BOP = BOTTOM OF PIPE
- WC = WATER CLOSET
- UR = URINAL
- SH = SHOWER
- SK-1 = PREP SINK
- SK-2 = HAND SINK
- FS = FLOOR SINK
- CA = COMPRESSED AIR
- BV = BALL VALVE
- HB = HOSE BIBB
- LAV = LABORATORY
- MV = THERMOSTATIC MIXING VALVE

COLOR LEGENDS

- SANITARY WASTE AND VENT
- STORM DRAIN
- WATER SUPPLY
- COMPRESSED AIR AND GAS

PROJECT TITLE:

AILS GATE
FIRE DISTRICT

872 BLOOMING
GROVE TURNPIKE
NEW WINDSOR , NY
12553

PLUMBING CONTRACTOR:

BIM-CAD CONSULTANTS:

BIM SERVICES
CAD & BIM Consulting Company
7703 N. Lamar Blvd. Suite-615
Austin, TX-78752
Phone: +1 (512) 640-3304
Email: info@BIMservices.net
Web: <http://BIMservices.net/>

DATE	09-13-2023	09-13-2023	09-13-2023	09-13-2023	09-13-2023
REVISIONS					
NO.	1	2	3	4	5

#4-PLUMBING-
PHASE-2 BLDG 2
PLUMBING SHOP DWG
LEVEL-1

CRTKL Project No.

Date : 09-13-2023

Designed By : ---

Checked By : ---

Drawing No.

PL110.05

Scale : 1/8" = 1'-0"

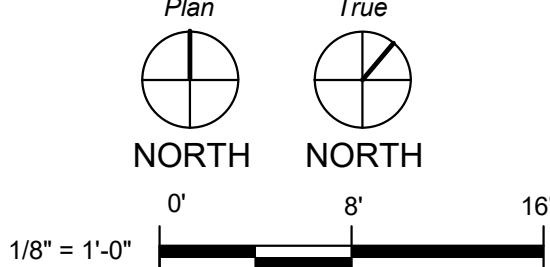
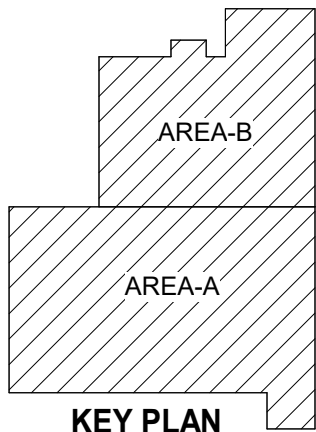


1 #4 PLUMBING- PHASE-2 BLDG 2 PLUMBING SHOP DWG LEVEL-1 WASTE VENT PLAN
1/4" = 1'-0"

PENETRATION KEYNOTES:-	
KEY VALUE	KEYNOTE TEXT
1	4" OPENING FOR 2" V PIPE
2	6" OPENING FOR 3" SAN. PIPE
3	6" OPENING FOR 4" SAN. PIPE
4	6" OPENING FOR 4" OIL WASTE PIPE
5	4" OPENING FOR 2" SAN. PIPE
6	4" OPENING FOR 1-1/2" SAN. PIPE
7	6" OPENING FOR 3" DCW PIPE
8	3" OPENING FOR 3/4" TW PIPE
9	3" OPENING FOR 3/4" DCW PIPE
10	6" OPENING FOR 3" KW. PIPE
11	13" X 2" OPENING FOR 3/4" TW, 2" SAN. PIPE, 3/4" DCW PIPE
12	2" OPENING FOR 1-1/2" SAN. PIPE
13	8" OPENING FOR 6" P-ST PIPE
14	4" Ø SLEEVE FOR 2" Ø SAN PIPE BOS: 2'-10"
15	6" Ø SLEEVE FOR 4" Ø SAN PIPE BOS: 8'-0 1/2"
16	4" Ø SLEEVE FOR 1" Ø DCW PIPE W/1" INS. BOS: 8'-5 1/4"
17	6" Ø SLEEVE FOR 3" Ø SAN PIPE BOS: 12'-5 1/2"
18	4" Ø SLEEVE FOR 2" Ø SAN PIPE W/1" INS. BOS: 8'-6 1/2"
19	4" Ø SLEEVE FOR 2" Ø SAN.ST PIPE BOS: 12'-8 3/4"

ABBREVIATION

- ST = STORM DRAIN
- SAN = SANITARY
- V = VENT
- CA = COMPRESSED AIR
- CO = CLEAN OUT
- PST = PRIMARY STORM DRAIN
- EST = EMERGENCY STORM DRAIN
- SK = HAND SINK
- WC = WATER CLOSET
- FS = FLOOR SINK
- BOP = BOTTOM OF PIPE
- UP = UP
- DN = DOWN
- RD = ROOF DRAIN



PROJECT TITLE:

AILS GATE FIRE DISTRICT

872 BLOOMING
GROVE TURNPIKE
NEW WINDSOR , NY
12553

PLUMBING CONTRACTOR:

BIM-CAD CONSULTANTS:



7703 N. Lamar Blvd. Suite-615
Austin, TX-78752
Phone: +1 (512) 640-3304

Email: info@BIMservices.net
Web: <http://BIMservices.net/>

DATE	11/11/2023	11/11/2023	11/11/2023	11/11/2023		
REVISIONS						
NO.	1	1	1	1		

#4-PLUMBING-
PHASE-2 BLDG 2
PLUMBING SHOP DWG
LEVEL-1
WASTE VENT PLAN

CRTKL Project No.

Date : 09-13-2023

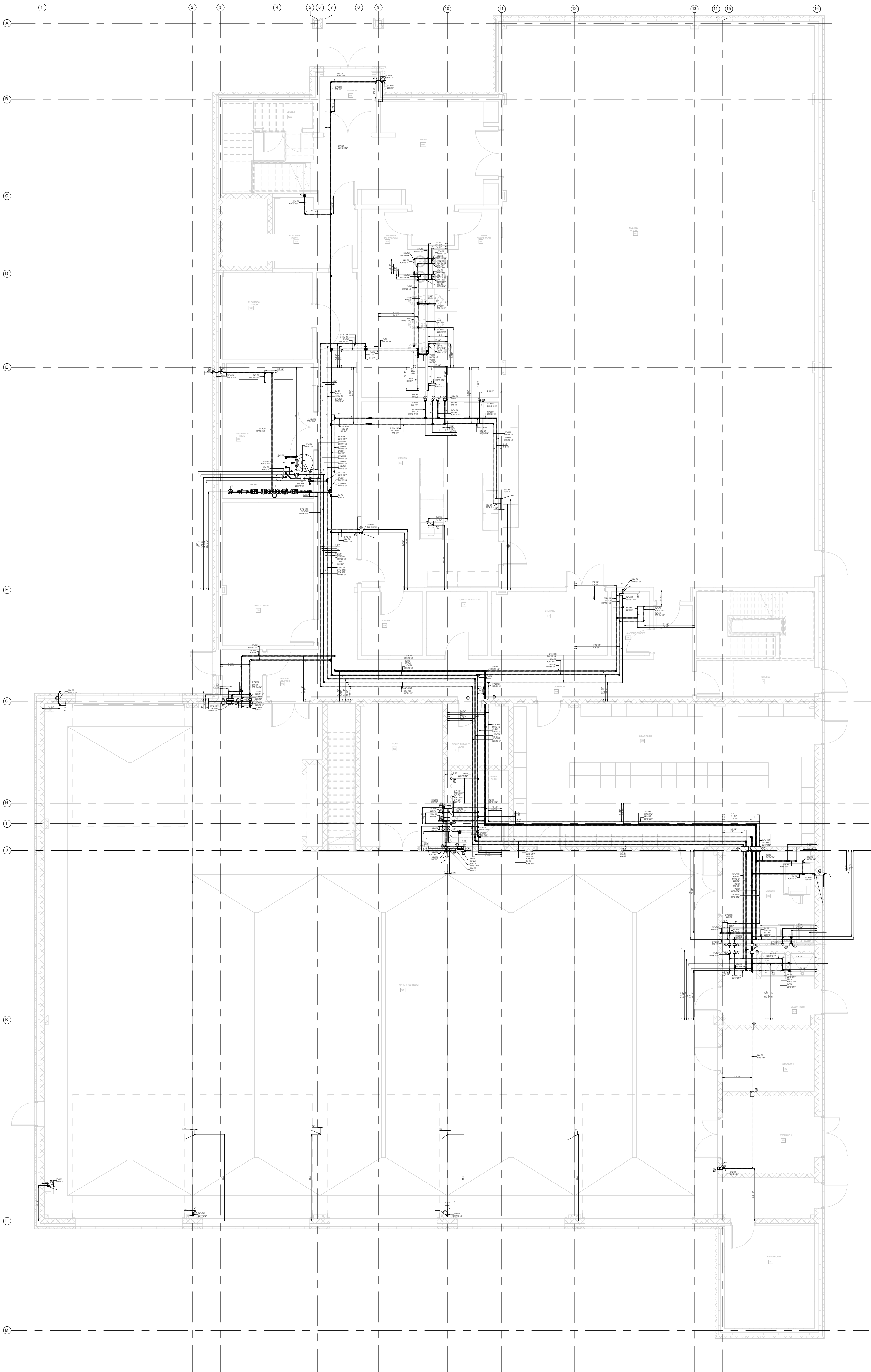
Designed By : ---

Checked By : ---

Drawing No.

PL110.05A

Scale : 1/8" = 1'-0"

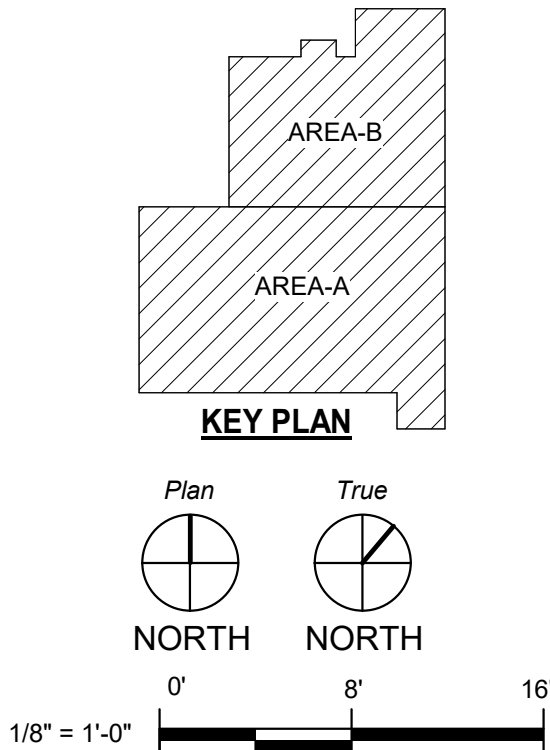


1 #4 PLUMBING- PHASE-2 BLDG 2 PLUMBING SHOP DWG LEVEL-1 WATER SUPPLY PLAN
1/4" = 1'-0"

PENETRATION KEYNOTES:-	
KEY VALUE	KEYNOTE TEXT
1	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE BOS: 9'-2 3/4"
2	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE BOS: 1'-7 1/2"
3	2" Ø OPENING FOR 1/2" Ø DCW W/1" INS. PIPE
4	4" Ø SLEEVE FOR 3/4" Ø DCW W/1" INS. PIPE BOS: 1'-5 1/2"
5	4" Ø SLEEVE FOR 3/4" Ø DCW W/1" INS. PIPE BOS: 10'-1 1/4"
6	4" Ø OPENING FOR 3/4" Ø DHW W/1" INS. PIPE
7	4" Ø OPENING FOR 3/4" Ø DCW W/1" INS. PIPE
8	4" Ø OPENING FOR 3/4" Ø DHW W/1" INS. PIPE
9	4" Ø OPENING FOR 3/4" Ø DCW W/1" INS. PIPE
10	4" Ø OPENING FOR 1/2" Ø DCW W/1" INS. PIPE
11	13" X 2" OPENING FOR 3/4" TW, 2" SAN. PIPE, 3/4" DCW PIPE
12	4" Ø OPENING FOR 3/4" Ø TW W/1" INS. PIPE
13	4" Ø OPENING FOR 3/4" Ø DCW W/1" INS. PIPE
14	12"x6" SLEEVE FOR 3/4" Ø DCW PIPE AND 3/4" Ø DHW PIPE BOS: 9'-11"
15	4" Ø SLEEVE FOR 3/4" DHW PIPE W/1" INS. BOS: 9'-3"
16	4" Ø SLEEVE FOR 2" DCW PIPE BOS: 9'-3"
17	20"x16" SLEEVE FOR 3/4" Ø DCW PIPE, 3/4" Ø DHW PIPE AND 3/4" Ø SANITARY PIPE BOS: 1'-2 1/2"
18	11" X 6" Ø SLEEVE FOR 3/4" TWR PIPE, 1-1/4" TW PIPE AND 2" DCW BOS: 8'-1 3/4"
19	11" X 6" Ø SLEEVE FOR 1-1/2" DHWR PIPE AND DHW BOS: 8'-1 1/2"
20	6" Ø SLEEVE FOR 4" Ø SAN PIPE BOS: 8"
21	4" Ø SLEEVE FOR 2" Ø SAN PIPE BOS: 1'-7"
22	4" Ø SLEEVE FOR 2" Ø DHW PIPE BOS: 7'-10"
23	18"x6" SLEEVE FOR 1/2" Ø DCW PIPE, 1-1/2" Ø SAN PIPE AND 1/2" Ø TEMPERED PIPE BOS: 1'-9 3/4"
24	23" x 6" SLEEVE FOR 1/2" Ø DCW PIPE, 1/2" Ø TW PIPE AND 1-1/2" Ø SANITARY PIPE BOS: 7'-6"
25	4" Ø SLEEVE FOR 3/4" DHW PIPE W/1" INS. BOS: 6'-9"
26	10" x 5" SLEEVE FOR 3/4" Ø DHW PIPE, 3/4" Ø DCW PIPE BOS: 1'-3"
27	4" Ø SLEEVE FOR 2" DCW PIPE W/1" INS. BOS: 6'-3"
28	6" Ø SLEEVE FOR 2" DCW PIPE W/1" INS. BOS: 4'-2 1/2"
29	17" x 6" SLEEVE FOR 3/4" Ø TWR AND 1-1/4" Ø TW PIPE BOS: 9'
30	17" x 8" SLEEVE FOR 1" Ø DCW PIPE, 3/4" Ø DHW AND 3/4" Ø DHW PIPE BOS: 9'
31	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE BOS: 1'-5 1/2"
32	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE W/1" INS. BOS: 9'-9 1/2"
33	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE W/1" INS. BOS: 8'-6 1/2"
34	4" Ø SLEEVE FOR 3/4" Ø TW PIPE W/1" INS. BOS: 9'-10"
35	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE W/1" INS. BOS: 10'-3 1/2"
36	4" Ø SLEEVE FOR 2" Ø DCW PIPE W/1" INS. BOS: 9'-1"
37	6" Ø SLEEVE FOR 2" Ø DCW PIPE W/1" INS. BOS: 9'-0 1/4"
38	4" Ø SLEEVE FOR 3/4" Ø DHW PIPE W/1" INS. BOS: 8'-6 1/2"
39	4" Ø SLEEVE FOR 1" Ø DCW PIPE W/1" INS. BOS: 1'-3 1/2"
40	6" Ø SLEEVE FOR 3/4" Ø DCW PIPE BOS: 9'-1 1/4"
41	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE W/1" INS. BOS: 9'-0 1/4"
42	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE BOS: 9'-1 1/4"
43	4" Ø SLEEVE FOR 3/4" Ø DCW PIPE BOS: 1'-3 1/2"
44	3/4" Ø SLEEVE FOR 2" Ø DCW PIPE BOS: 1'-5"
45	2" Ø SLEEVE FOR 4" Ø DCW PIPE BOS: 4'-10"

ABBREVIATION

- CW = COLD WATER
- HW = HOT WATER
- TW = TEMPERED WATER
- TWR = TEMPERED WATER RETURN
- TYP = TYPICAL
- HWR = HOT WATER RETURN
- BOP = BOTTOM OF PIPE
- WC = WATER CLOSET
- UR = URINAL
- SH = SHOWER
- SK-1 = PREP SINK
- SK-2 = HAND SINK
- FS = FLOOR SINK
- CA = COMPRESSED AIR
- BV = BALL VALVE
- HB = HOSE BIBB
- LAV = LAVATORY
- MV = THERMOSTATIC MIXING VALVE



PROJECT TITLE:

AILS GATE
FIRE DISTRICT

872 BLOOMING
GROVE TURNPIKE
NEW WINDSOR , NY
12553

PLUMBING CONTRACTOR:

BIM-CAD CONSULTANTS:



7703 N. Lamar Blvd. Suite-615
Austin, TX-78752
Phone: +1 (512) 640-3304

Email: info@BIMservices.net
Web: <http://BIMservices.net/>

DATE	11/11/2023	11/11/2023	11/11/2023	11/11/2023	11/11/2023	11/11/2023
REVISIONS						
NO.	1	1	1	1	1	1

#4-PLUMBING-
PHASE-2 BLDG 2
PLUMBING SHOP DWG
LEVEL-1
WATER SUPPLY PLAN

CRTKL Project No.

Date : 09-13-2023

Designed By : ---

Checked By : ---

Drawing No.

PL110.05B

Scale : 1/8" = 1'-0"

KEY PLAN

The key plan shows two areas, AREA-A and AREA-B, which are hatched regions. AREA-A is a large rectangle, and AREA-B is a smaller rectangle attached to the top right of AREA-A. Below the key plan, there are two circular views labeled "Plan" and "True". The "Plan" view shows a circle with a vertical line through the center, and the "True" view shows a circle with a horizontal line through the center. Below these views, there are two horizontal lines with arrows at the ends, labeled "0'" and "8'". The "0'" line is aligned with the center of the "Plan" view, and the "8'" line is aligned with the center of the "True" view. To the right of the "8'" line, there is a label "16". At the bottom left, there is a scale bar with a label "1/8" = 1'-0"

PLUMBING KEYNOTES:-	
KEY VALUE	KEYNOTE TEXT
(1)	8" OPENING FOR 6" P S T PIPE
(2)	8" Ø SLEEVE FOR 6" S D S T PIPE BOS: 2-0 3/4"
(3)	6" Ø SLEEVE FOR 3" Ø S D P S T PIPE BOS: 13-0 1/2"
(4)	6" Ø SLEEVE FOR 3" Ø S D E S T PIPE BOS: 13-5 1/2"
(5)	6" Ø SLEEVE FOR 3" Ø S D P S T PIPE BOS: 13-1 1/4"
(6)	6" Ø SLEEVE FOR 3" Ø S D E S T PIPE BOS: 13-5 1/2"
(7)	6" Ø SLEEVE FOR 3" Ø S D E S T PIPE BOS: 2-1 3/4"
(8)	8" Ø SLEEVE FOR 6" Ø S D E S T PIPE BOS: 1-10 1/2"

ABBREVIATION

ST = STORM DRAIN
SAN = SANITARY
V = VENT
CA = COMPRESSED AIR
CO = CLEAN OUT
PST = PRIMARY STORM DRAIN
EST = EMERGENCY STORM DRAIN
SK = HAND SINK
WC = WATER CLOSET
FS = FLOOR SINK
BOP = BOTTOM OF PIPE
UP = UP
DN = DOWN
RD = ROOF DRAIN

PROJECT TITLE:

VAILS GATE FIRE DISTRICT

872 BLOOMING
GROVE TURNPIKE
NEW WINDSOR , NY
12553

PLUMBING CONTRACTOR

BIM-CAD CONSULTANTS



7703 N. Lamar Blvd. Suite-615
Austin, TX-78752
Phone: +1 (512) 640-3304

Email: info@BIMservices.net
Web: <http://BIMservices.net/>

NO.	REVISIONS	DATE
001	REVISION	2017-01-01
002	REVISION	2017-01-01
003	REVISION	2017-01-01
004	REVISION	2017-01-01
005	REVISION	2017-01-01

#4-PLUMBING-
PHASE-2 BLDG 2
PLUMBING SHOP DWG
LEVEL-1
STORM DRAIN PLAN

CRTLK Project No.

Date : 09-13-2023

Designed By : _____

Checked By : _____

Drawing No.

PL110.05C

Scale : $1/8" = 1'-0"$

