

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build
KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
HARRISON GAMBERT & ASSOCIATES ARCHITECTS, PC (HGA), AND HEREIN GRANTED
FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS
OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER
WITHOUT THE WRITTEN PERMISSION OF HGA.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH
FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS
DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED
ARCHITECT, ENGINEER, PROFESSIONAL SEAL, IS A VIOLATION OF TITLE V.E. SECT. 60.5 (b) OF NEW YORK STATE LAW.
COPYRIGHT HARRISON GAMBERT & ASSOCIATES ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	09/01/2023	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

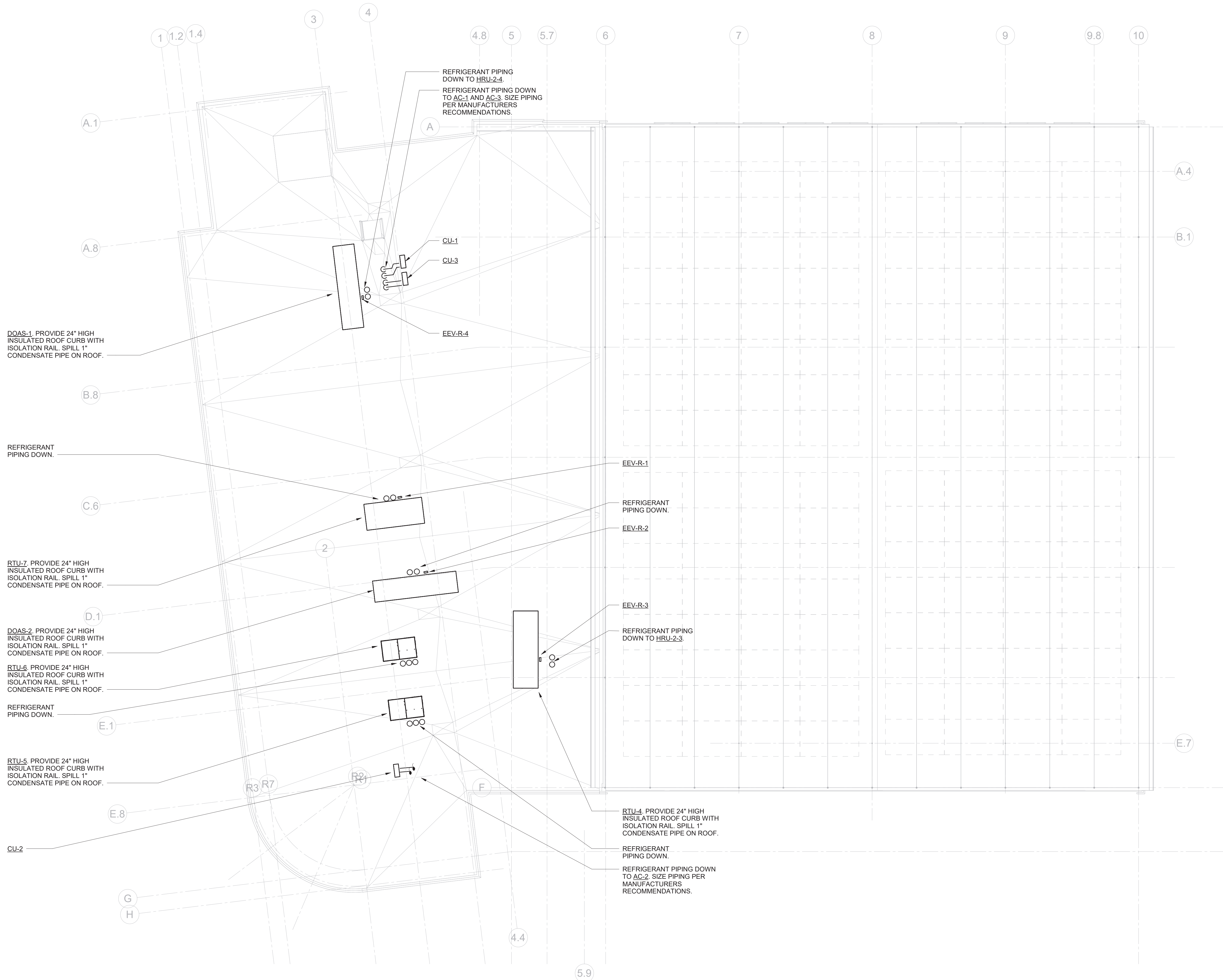
Sheet Title

MECHANICAL
ROOF PIPING
PLAN

Job No.	NKGD2027.00	Date	02/16/2024
Scale	AS NOTED	Drawn / Checked	HM / RG

Sheet Number

M-304



1

MECHANICAL ROOF PIPING PLAN

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

NOTES:

1. REFRIGERANT PIPING TO BE SIZED PER MANUFACTURERS RECOMMENDATIONS.
2. PROVIDE SHUT-OFF VALVES ON REFRIGERANT PIPING UPSTREAM AND DOWNSTREAM OF ALL EQUIPMENT FOR ISOLATION PURPOSES.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL DESIGN ARRANGEMENTS AND PLANS INDICATED ON REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF HARRISON RECREATION & COMMUNITY CENTER. NO PART OF THIS DRAWING SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL SEAL, IS A VIOLATION OF TITLE 16, SECTION 16-1.1 OF THE NEW YORK STATE LAW.

COPYRIGHT 2024, HARRISON RECREATION & COMMUNITY CENTER, HARRISON, NY. ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	09/01/2023	DESIGN DEVELOPMENT
1	03/13/2020	50% DESIGN DEVELOPMENT

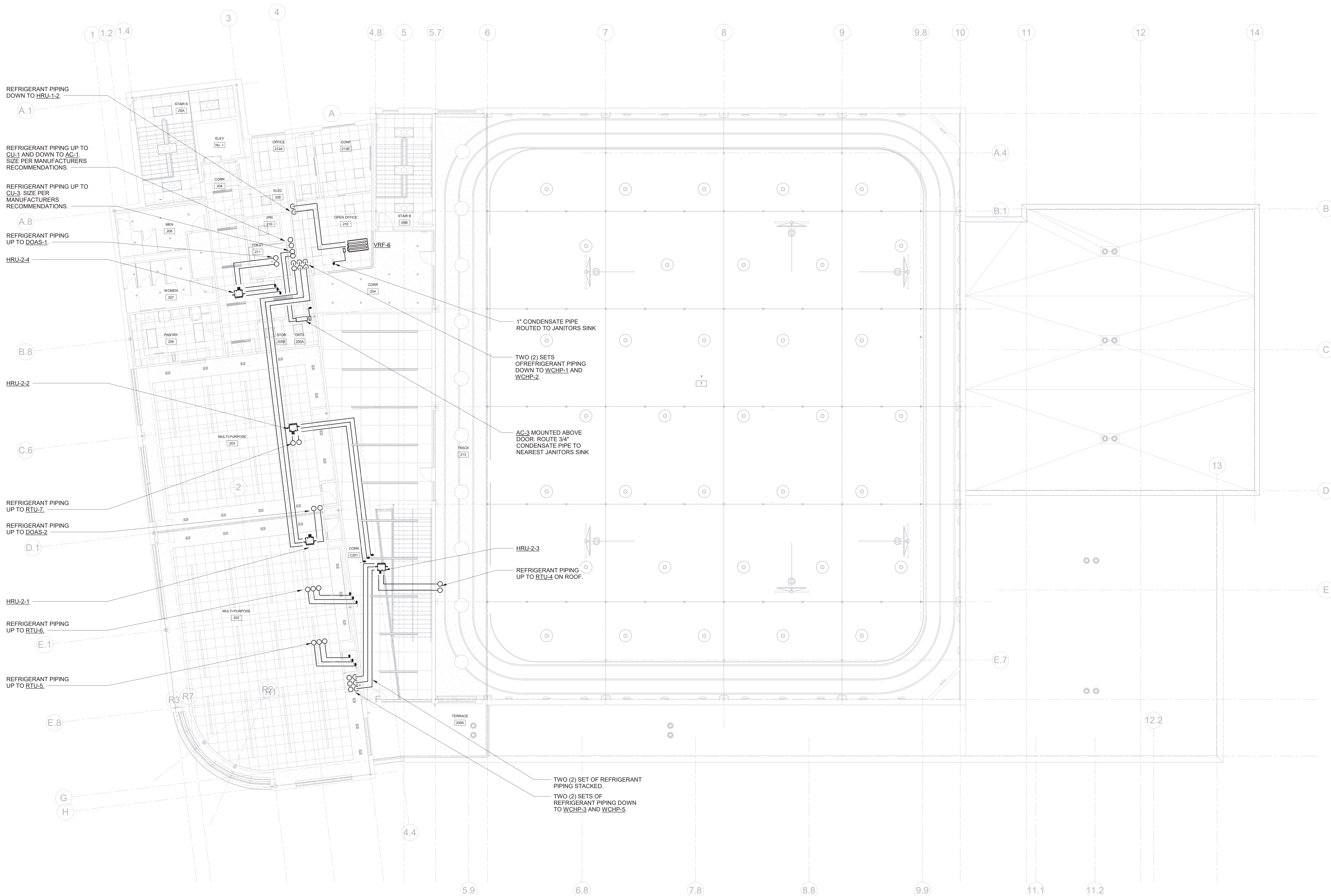
Sheet Title

MECHANICAL
SECOND FLOOR
PIPING PLAN

Job No.	Date
NKGD0207.00	02/16/2024
Scale	Drawn / Checked
AS NOTED	HM / RG

Sheet Number

M-303



MECHANICAL SECOND FLOOR PIPING PLAN

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

NOTES:

1. PROVIDE CONDENSATE PUMP FOR ALL VRF INDOOR DUCTED UNIT. ROUTE 1" CONDENSATE TO CONDENSATE HEADER SHOWN ON PLANS AND PROVIDE WYE FITTING AT CONNECTION POINT.
2. REFRIGERANT PIPING TO BE SIZED PER MANUFACTURERS RECOMMENDATIONS.
3. PROVIDE SHUT-OFF VALVES ON REFRIGERANT PIPING UPSTREAM AND DOWNSTREAM OF ALL EQUIPMENT FOR ISOLATION PURPOSES.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL DESIGN ARRANGEMENTS AND PLANS INDICATED ON REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF ARCHITECT ENGINEER CONSULTANTS ASSOCIATES, INC. (AEC) AND ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF AEC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT ENGINEER CONSULTANTS ASSOCIATES, INC. (AEC), IS A VIOLATION OF TITLE V.E. SECT. 66.5 (b) OF NEW YORK STATE LAW.

COPYRIGHT 2024, ARCHITECT ENGINEER CONSULTANTS ASSOCIATES, INC. (AEC) ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	09/01/2023	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

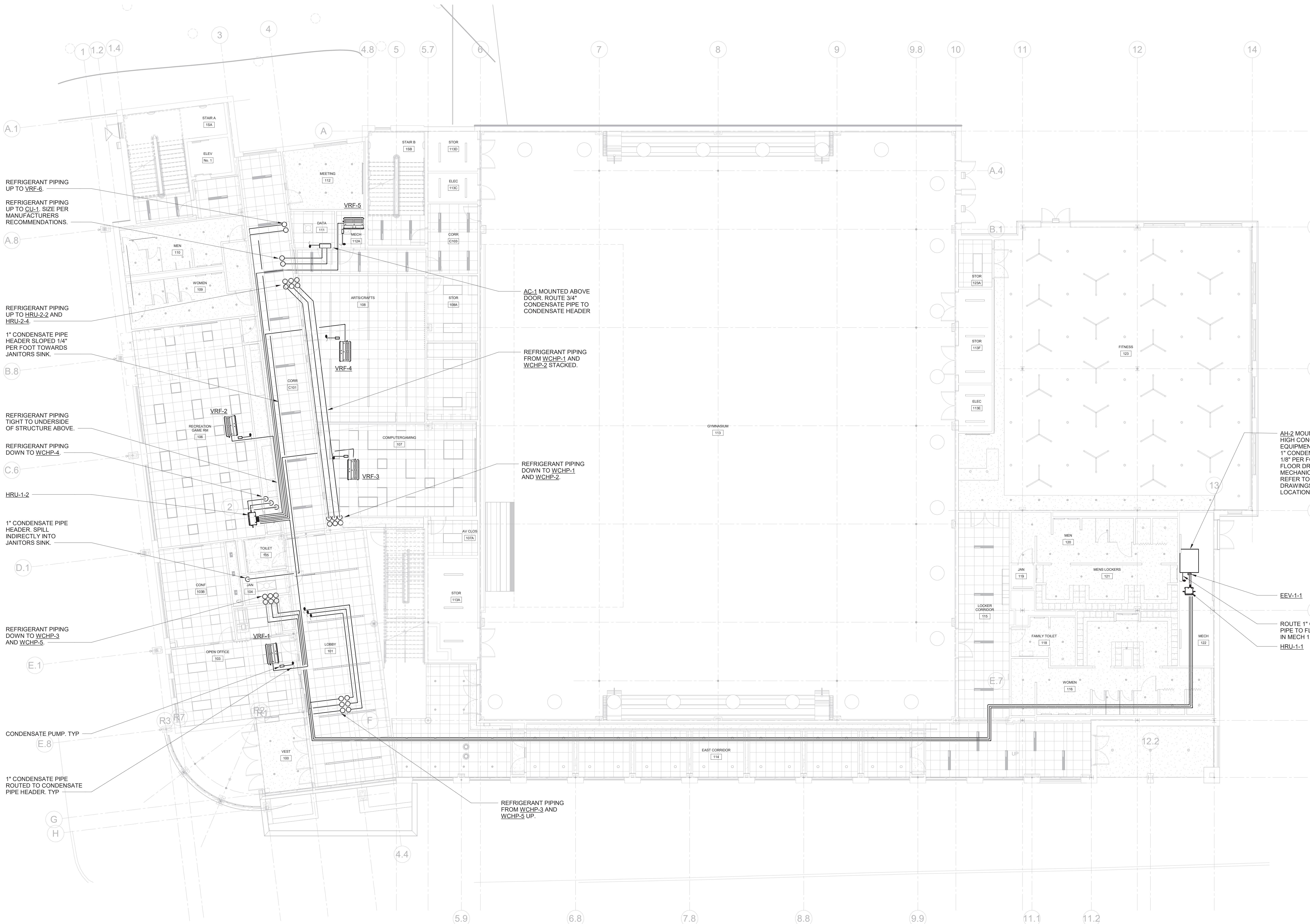
Sheet Title

MECHANICAL
FIRST FLOOR
PIPING PLAN

Job No.	Date
NKGD0207.00	02/16/2024
Scale	Drawn / Checked
AS NOTED	HM / RG

Sheet Number

M-302



REFRIGERANT PIPING
UP TO VRF-6.
REFRIGERANT PIPING
UP TO CU-1. SIZE PER
MANUFACTURERS
RECOMMENDATIONS.

REFRIGERANT PIPING
UP TO HRU-2-2 AND
HRU-2-4.
1" CONDENSATE PIPE
HEADER SLOPED 1/4"
PER FOOT TOWARDS
JANITORS SINK.

REFRIGERANT PIPING
TIGHT TO UNDERSIDE
OF STRUCTURE ABOVE.
REFRIGERANT PIPING
DOWN TO WCHP-4.

HRU-1-2
1" CONDENSATE PIPE
HEADER. SPILL
INDIRECTLY INTO
JANITORS SINK.

REFRIGERANT PIPING
DOWN TO WCHP-3
AND WCHP-5.

CONDENSATE PUMP, TYP
1" CONDENSATE PIPE
ROUTED TO CONDENSATE
PIPE HEADER, TYP

AC-1 MOUNTED ABOVE
DOOR. ROUTE 3/4"
CONDENSATE PIPE TO
CONDENSATE HEADER

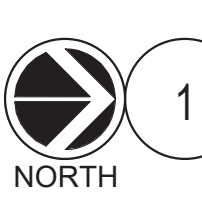
REFRIGERANT PIPING
FROM WCHP-1 AND
WCHP-2 STACKED.

REFRIGERANT PIPING
DOWN TO WCHP-1
AND WCHP-2.

REFRIGERANT PIPING
FROM WCHP-3 AND
WCHP-5 UP.

AH-2 MOUNTED ON 4"
HIGH CONCRETE
EQUIPMENT PAD. SLOPE
1" CONDENSATE PIPING
1/8" PER FOOT TOWARDS
FLOOR DRAIN IN
MECHANICAL ROOM. REFER TO PLUMBING
DRAWINGS FOR EXACT
LOCATION.

EEV-1-1
ROUTE 1" CONDENSATE
PIPE TO FLOOR DRAIN
IN MECH 122
HRU-1-1



MECHANICAL FIRST FLOOR PIPING PLAN

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

NOTES:

1. PROVIDE CONDENSATE PUMP FOR ALL VRF INDOOR DUCTED UNIT. ROUTE 1" CONDENSATE TO CONDENSATE HEADER SHOWN ON PLANS AND PROVIDE WYE FITTING AT CONNECTION POINT.
2. REFRIGERANT PIPING TO BE SIZED PER MANUFACTURERS RECOMMENDATIONS.
3. PROVIDE SHUT-OFF VALVES ON REFRIGERANT PIPING UPSTREAM AND DOWNSTREAM OF ALL EQUIPMENT FOR ISOLATION PURPOSES.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL, DESIGN, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
ARCHITECT. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED
FOR USE ON THIS PROJECT. NONE OF SUCH IDEAL, DESIGN, ARRANGEMENTS
OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER
WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH
FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS
DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED
ARCHITECT, ENGINEER, PROFESSIONAL DESIGNER, OR ARCHITECT, IS A VIOLATION
OF TITLE V.E. SECT. 60.5 (b) OF NEW YORK STATE LAW.
COPYRIGHT 2024, KG+D ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	09/01/2023	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

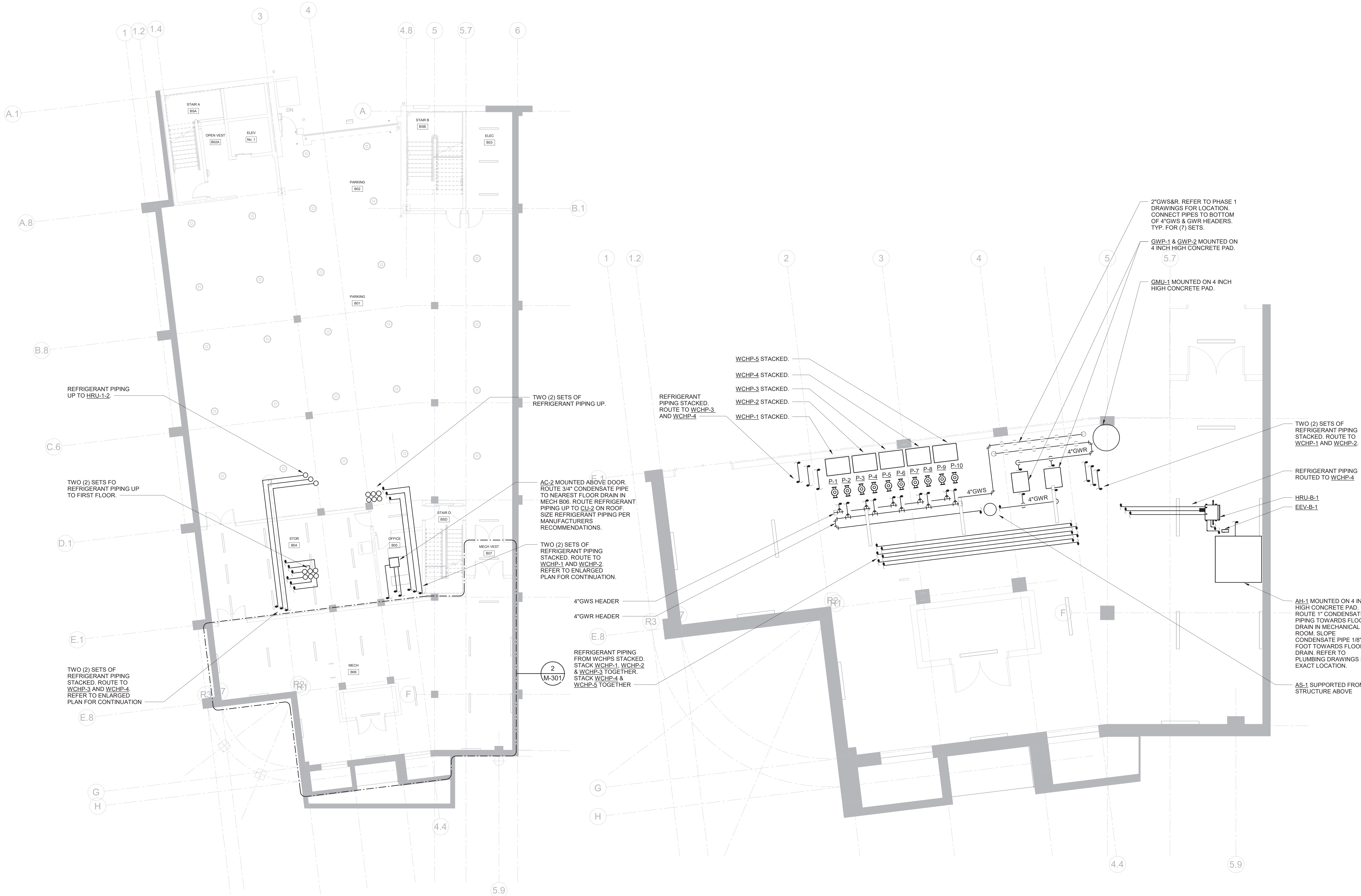
Sheet Title

MECHANICAL
PARKING PIPING
PLAN

Job No. NKGD2027.00 Date 02/16/2024
Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

M-301



MECHANICAL PARKING FLOOR PIPING PLAN

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

NOTES:

- REFRIGERANT PIPING SHALL BE SIZED PER MANUFACTURERS RECOMMENDATIONS.
- PROVIDE SHUT-OFF VALVES ON REFRIGERANT PIPING UPSTREAM AND DOWNSTREAM OF ALL EQUIPMENT FOR ISOLATION PURPOSES.



MECH B06 ENLARGED PIPING PLAN

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

NOTES:

- REFRIGERANT PIPING SHALL BE SIZED PER MANUFACTURERS RECOMMENDATIONS.
- PROVIDE SHUT-OFF VALVES ON REFRIGERANT PIPING UPSTREAM AND DOWNSTREAM OF ALL EQUIPMENT FOR ISOLATION PURPOSES.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
HARRISON GARNETT & DAVIDSON ARCHITECTS, PC (HGD), AND HEREIN GRANTED
FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGN, ARRANGEMENTS
OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER
WITHOUT THE WRITTEN PERMISSION OF HGD.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH
FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS
DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED
ARCHITECT, ENGINEER, PROFESSIONAL SEAL, IS A VIOLATION OF THE
OF TITLE VIL SECT. 66.3 (b) OF NEW YORK STATE LAW.
COPYRIGHT HARRISON GARNETT & DAVIDSON ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2023	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

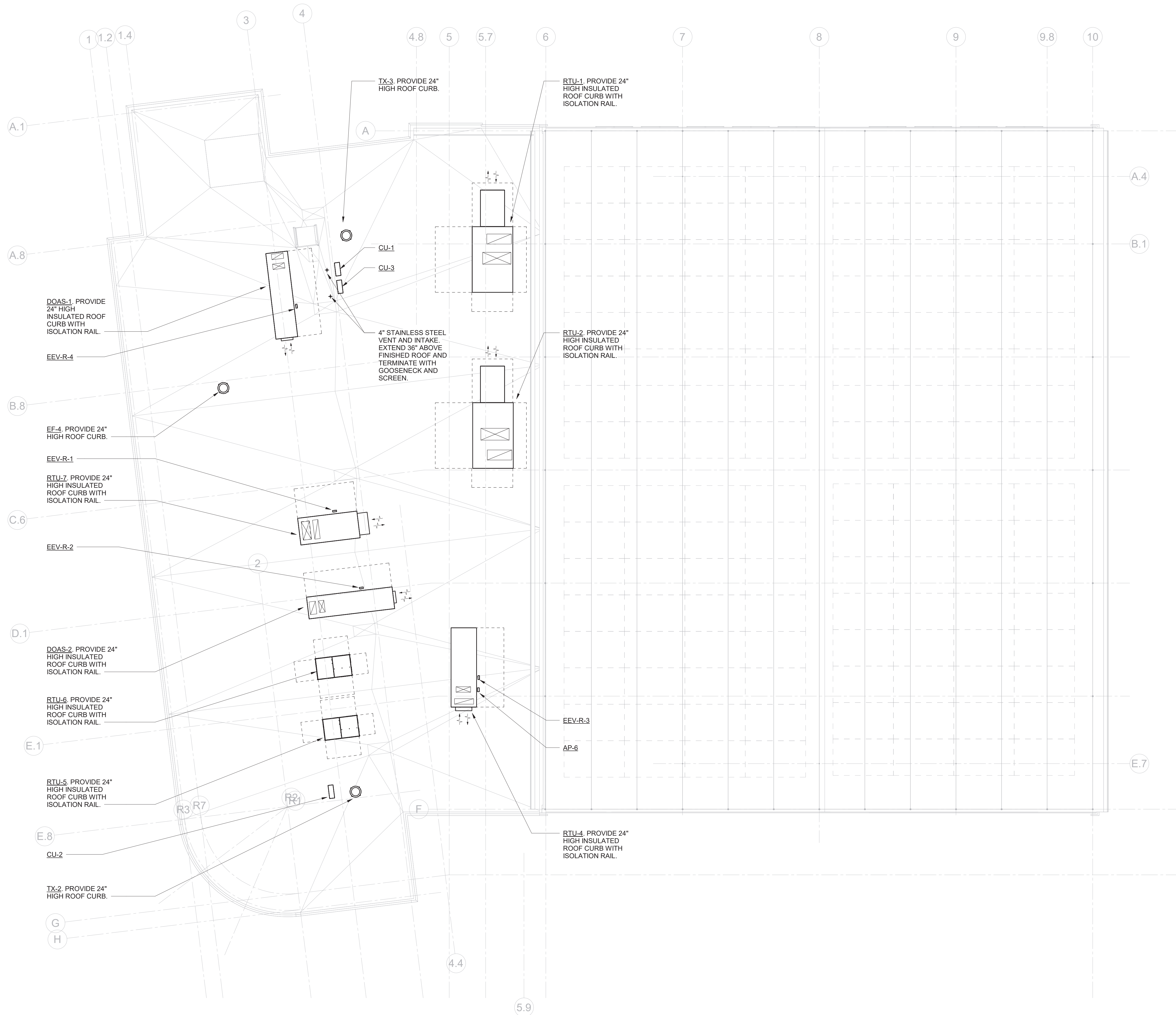
Sheet Title

MECHANICAL
ROOF PLAN

Job No.	Date
NKGD0207.00	02/16/2024
Scale	Drawn / Checked
AS NOTED	HM / RG

Sheet Number

M-204



1

MECHANICAL ROOF PLAN

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

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC

285 MAIN STREET • MOUNT KISCO, NEW YORK 10549

P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
HARRISON GARBETT & HARRISON ARCHITECTS, PC (H&H). ANY REUSE OR
FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS
OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER
WITHOUT THE WRITTEN PERMISSION OF H&H.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH
FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS
DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED
ARCHITECT, ENGINEER, PROFESSIONAL SEAL, OR ARCHITECT, IS A VIOLATION
OF TITLE VIL § 2-201 (3) OF THE NEW YORK STATE LAW
COPYRIGHT MATERIALS. HARRISON GARBETT & HARRISON ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/13/2020	50% DESIGN DEVELOPMENT
No.	Date	Issue

MECHANICAL
SECOND FLOOR
PLAN

Job No. NKGD0207.00 Date 02/16/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

M-203

MECHANICAL SECOND FLOOR PLAN

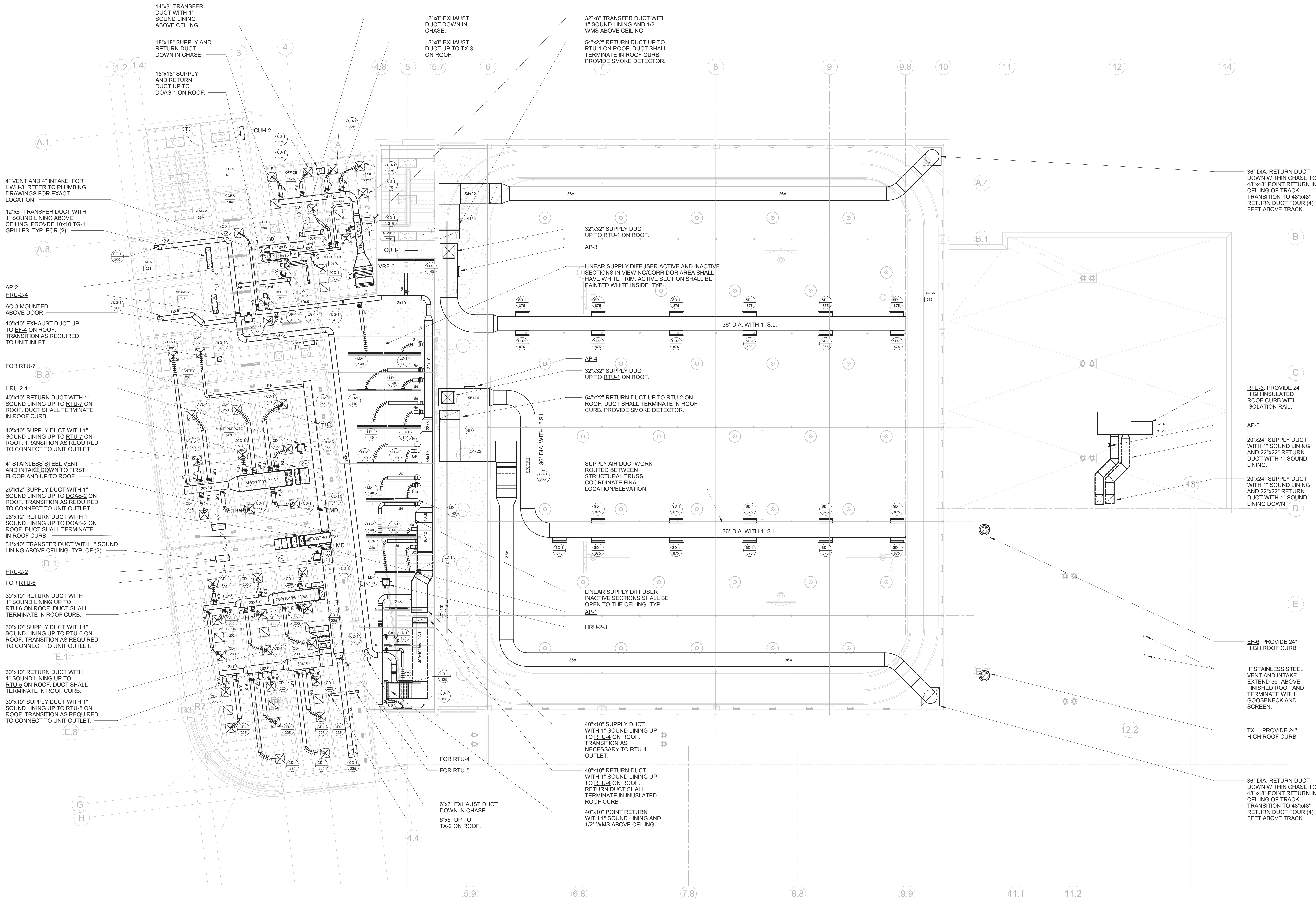
SCALE: 1/8" = 1'-0"

NOTES:

- DUCTED VRF INDOOR UNITS: PROVIDE 24" DEEP, ACOUSTICALLY LINED, FULL SIZED RETURN AIR DUCT AT RETURN AIR CONNECTION WITH FILTER BANK AND VOLUME OR MOTORIZED DAMPER WHERE CALLED OUT.
- PROVIDE 'YOUNG' REGULATOR VOLUME DAMPERS IN ALL HARD CEILING AREAS FOR BALANCING PURPOSES.
- ALL VRF UNITS SHALL BE HUNG FROM STRUCTURE ABOVE. PROVIDE VIBRATION ISOLATORS



1



HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC

285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
ARCHITECT. ANY REUSE, REPRODUCTION, OR MODIFICATION OF THIS DRAWING
FOR USE ON THIS PROJECT WITHOUT THE WRITTEN PERMISSION OF KG+D IS A VIOLATION
OF TITLE VI, SECT. 86-B OF NEW YORK STATE LAW.
COPYRIGHT 2024 KG+D ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH
FABRICATION.

Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	09/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT
No.	Date	Issue

MECHANICAL
FIRST FLOOR
PLAN

Job No. NKGD0207.00 Date 02/16/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

M-202

28"x8" TRANSFER
DUCT WITH 1" SOUND
LINING AND 1/2" WMS
ABOVE CEILING.

12"x8" EXHAUST DUCT UP.
PROVIDE FIRE DAMPER AT
SLAB PENETRATION.
18"x18" RETURN DUCT UP.
PROVIDE FIRE DAMPER AT
SLAB PENETRATION.
18"x18" SUPPLY DUCT UP.
PROVIDE FIRE DAMPER AT
SLAB PENETRATION.
12"x6" TRANSFER DUCT WITH
1" SOUND LINING ABOVE
CEILING. PROVIDE 10"x10"
TG-1, TYP. FOR (2).

32"x18" POINT
RETURN WITH 1/2"
WMS ABOVE CEILING.

18"x8" TRANSFER
DUCT WITH 1" SOUND
LINING AND 1/2" WMS
ABOVE CEILING.

18"x8" TRANSFER
DUCT WITH 1" SOUND
LINING AND 1/2" WMS
ABOVE CEILING.

4" VENT AND 4" INTAKE
UP TO ROOF.

HRU-1-2

4" VENT AND 4" INTAKE
FOR HRU-1. REFER
TO PLUMBING
DRAWINGS FOR
EXACT LOCATION.

30"x8" TRANSFER
DUCT WITH 1" SOUND
LINING AND 1/2" WMS
ABOVE CEILING.

CONDENSATE PUMP, TYP.

FOR AH-1

CONTINUOUS LINEAR
DIFFUSER. INACTIVE
SECTIONS SHALL BE OPEN
TO THE PLENUM, TYP.
AC-1 MOUNTED
ABOVE DOOR.

10"x10" EXHAUST DUCT
WITH EXHAUST GRILLE.
10"x10" TRANSFER DUCT
WITH 1/2" WMS

10"x6" TRANSFER
DUCT WITH 1" SOUND
LINING AND 1/2" WMS
ABOVE CEILING.

18"x8" TRANSFER
DUCT WITH 1" SOUND
LINING AND 1/2" WMS
ABOVE CEILING.

10"x6" TRANSFER
DUCT WITH 1" SOUND
LING AND 1/2" WMS
ABOVE CEILING.

44"x12" RETURN DUCT
DOWN TO BASEMENT
MECHANICAL ROOM.
PROVIDE FIRE DAMPER AT
SLAB PENETRATION

44"x12" SUPPLY DUCT DOWN
TO BASEMENT MECHANICAL
ROOM. PROVIDE FIRE DAMPER
AT SLAB PENETRATION

10"x10" EXHAUST
DUCT WITH
EXHAUST GRILLE.

44"x12" RETURN DUCT.
44"x12" POINT
RETURN WITH 1/2"
WMS ABOVE CEILING.

24"x24" RG, TYPICAL

6"x6" EXHAUST DUCT UP.
PROVIDE FIRE DAMPER
AT SLAB PENETRATION

20"x6" TRANSFER DUCT
WITH 1" SOUND LINING AND
1/2" WMS ABOVE CEILING.

8"x6" TRANSFER DUCT
WITH 1" SOUND LINING AND
1/2" WMS ABOVE CEILING.

CONTINUOUS LINEAR
DIFFUSER. INACTIVE
SECTIONS SHALL BE OPEN
TO THE PLENUM, TYP.
PROVIDE CONTINUOUS
LINEAR RETURN WITH
ONE (1) 1'-6" SLOT.
RETURN SHALL BE OPEN
TO THE CEILING. TITUS
FL-15, TYPICAL



1

MECHANICAL FIRST FLOOR PLAN

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

NOTES:

- DUCTED VRF INDOOR UNITS: PROVIDE 24" DEEP, ACOUSTICALLY LINED, FULL SIZED RETURN AIR DUCT AT RETURN AIR CONNECTION WITH FILTER BANK AND VOLUME OR MOTORIZED DAMPER WHERE CALLED OUT.
- PROVIDE 'YOUNG' REGULATOR VOLUME DAMPERS IN ALL HARD CEILING AREAS FOR BALANCING PURPOSES.
- ALL VRF UNITS SHALL BE HUNG FROM STRUCTURE ABOVE. PROVIDE VIBRATION ISOLATORS.
- ALL WALL MOUNTED GRILLES SHALL BE MOUNTED ONE CMU BLOCK ABOVE DOOR. CONTRACTOR SHALL COORDINATE LOCATION WITH FINAL CMU BLOCK LAYOUT.

FOR RTU-1

10"x10" EXHAUST
DUCT WITH
EXHAUST GRILLE.

EF-3

10"x10" TRANSFER
DUCT WITH 1/2" WMS

FOR RTU-3

12"x12" EXHAUST
DUCT UP TO EF-6 ON
ROOF. PROVIDE
MOTORIZED DAMPER.

20"x10" POINT
RETURN WITH 1/2"
WMS ABOVE CEILING.

FOR RTU-2

FOR AH-2

ELECTRIC FIN TUBE
RADIATOR ON
PEDESTAL, TYP.

24"x24" TITUS OMNI
RETURN WITH 15"
DIAMETER NECK OPEN
TO THE CEILING
PLENUM, TYP.

14"x14" EXHAUST
DUCT UP TO IX-1.

PROVIDE VOLUME
DAMPERS FOR ALL
GRILLES REGISTERS
IN LOCER ROOM
AREA, TYP.

24" DIAMETER SUPPLY
DUCT IN BULKHEAD.

24"x20" SUPPLY DUCT
WITH 1" SOUND LINING
UP TO RTU-3.

22"x22" RETURN DUCT
WITH 1" SOUND LINING
UP TO RTU-3. DUCT
SHALL TERMINATE IN
ROOF CURB. PROVIDE
SMOKE DETECTOR.

42"x20" RETURN GRILLE.
TYP. FOR (2).

22"x22" RETURN
DUCT IN BULKHEAD.

L-1 MOUNTED ABOVE
DOOR. PROVIDE 36" LONG
INSULATED PLENUM SAME
SIZE AS LOUVER.

AH-2 MOUNTED ON 4"
HIGH CONCRETE
EQUIPMENT PAD.

24"x12" SUPPLY
DUCT. TRANSITION
AS NECESSARY TO
AH-2 OUTLET.

EEV-1-1

AP-8

HRU-1-1

3" VENT AND 3"
INTAKE FOR HRU-2
REFER TO PLUMBING
DRAWINGS FOR
EXACT LOCATION.

3" VENT AND 3"
INTAKE UP TO
ROOF.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build
KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
ANY OTHER PARTY. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR
FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS
OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PARTY WHATSOEVER
WITHOUT THE WRITTEN PERMISSION OF KGD+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL, BEFORE PROCEEDING WITH
FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS
DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED
ARCHITECT, ENGINEER, PROFESSIONAL SEAL, IS A VIOLATION OF THE
ARCHITECTURE PROFESSIONAL SEAL, IS A VIOLATION OF THE
TITLE V.E. SECT. 60.5 (a) OF NEW YORK STATE LAW.
COPYRIGHT 2024, KGD+D ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

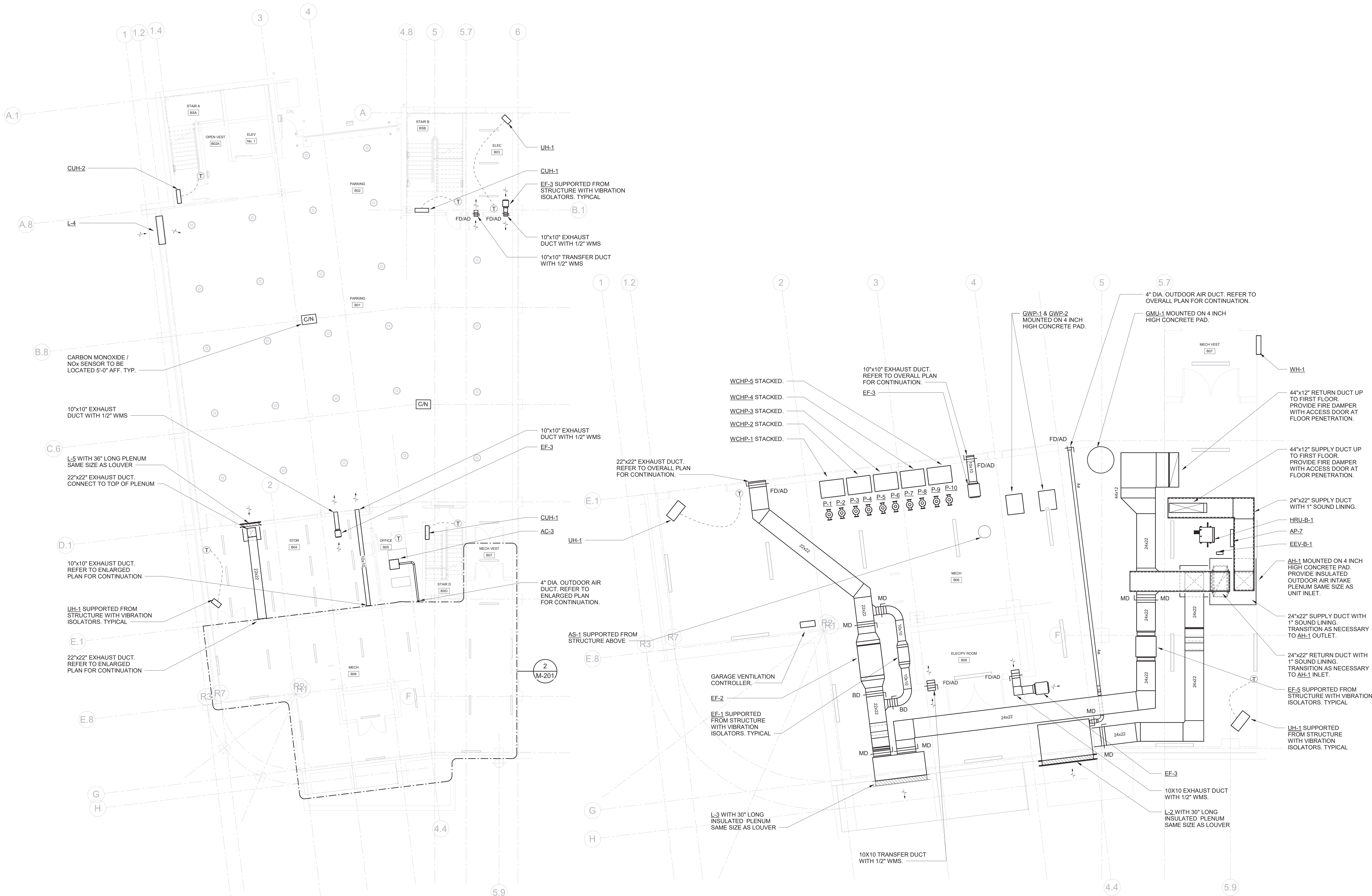
MECHANICAL
PARKING FLOOR
PLAN

Job No. NKGD0207.00 Date 02/16/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

M-201



MECHANICAL PARKING FLOOR PLAN

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

NOTES:

- ALL WALL MOUNTED GRILLES SHALL BE MOUNTED ONE CMU BLOCK ABOVE DOOR. CONTRACTOR SHALL COORDINATE LOCATION WITH FINAL CMU BLOCK LAYOUT.



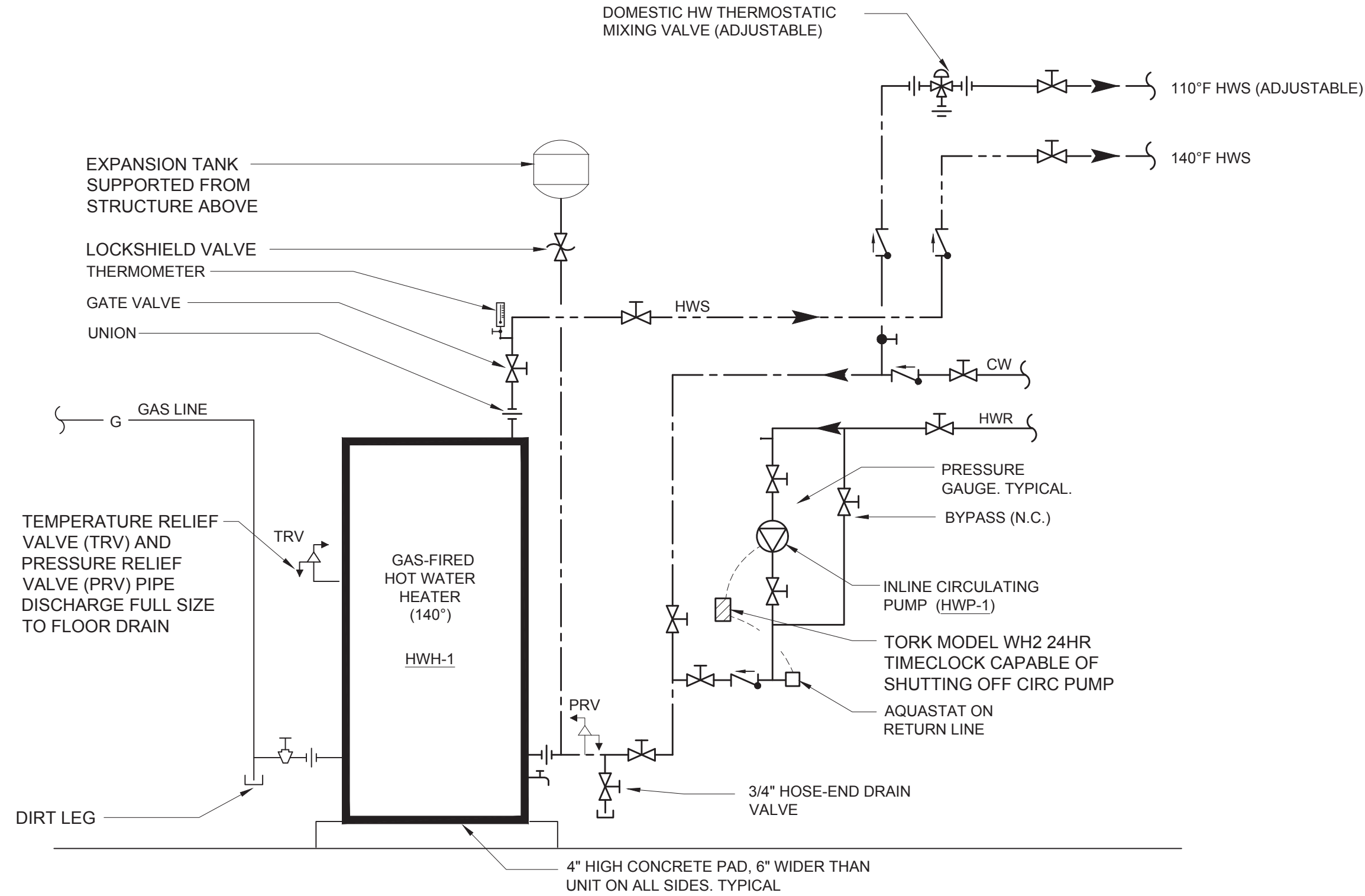
MECH B06 ENLARGED PLAN

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

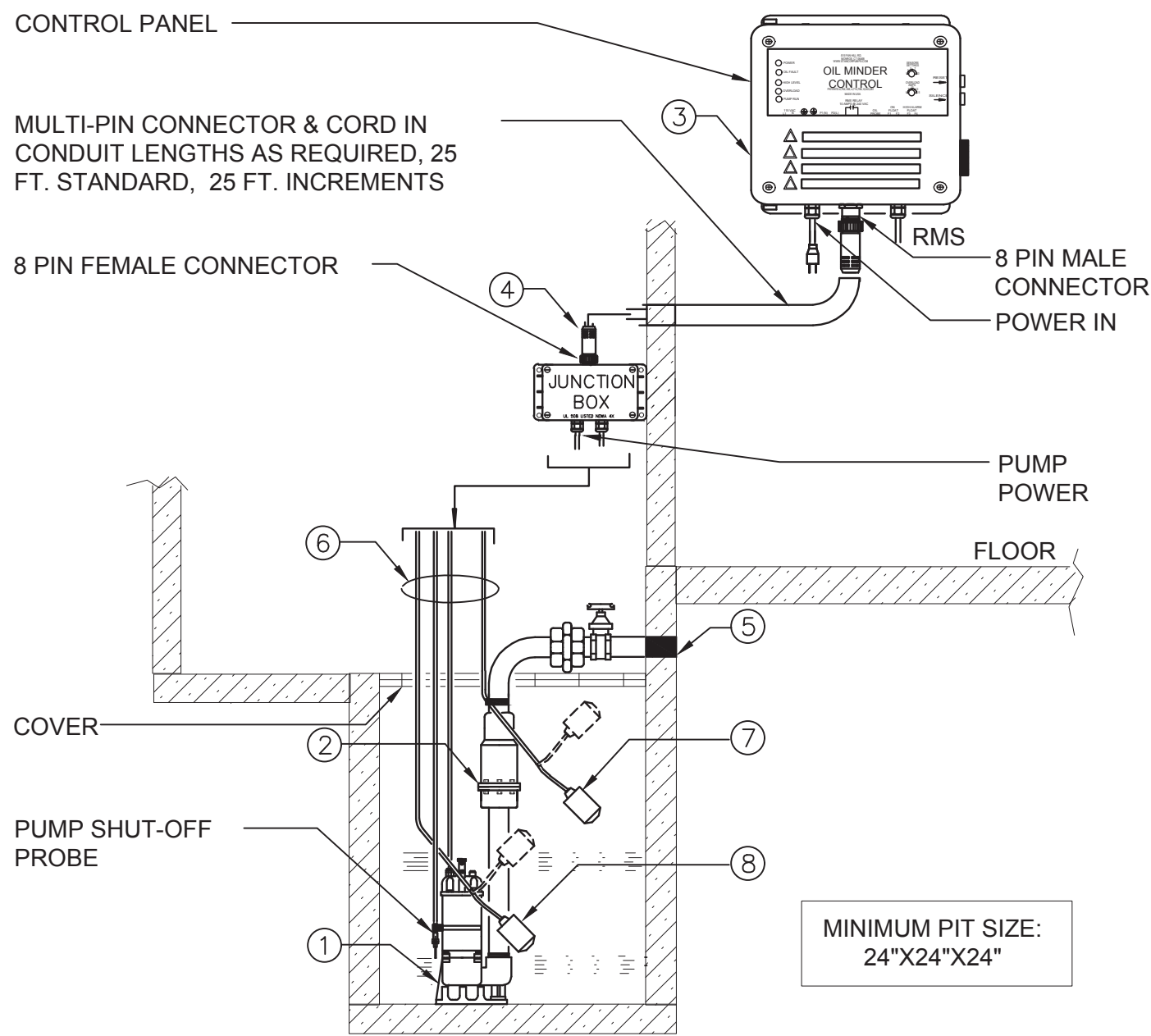
NOTES:

- ROUTE ALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE

PLUMBING PIPE MATERIAL SCHEDULE							
PIPE SYSTEM	SIZE	PIPE			FITTINGS		
		MATERIAL	TYPE / WEIGHT	STANDARD	MATERIALS	TYPE / WEIGHT	STANDARD
DOMESTIC WATER PIPING (CW, HWS, HWR)	ALL	COPPER	HARD / TYPE L	ASTM B88	COPPER	95 / 5 SOLDER LEAD FREE	ASTM B828 ASME B16.22
WATER SERVICE PIPING	¾" - 4"	COPPER	HARD / TYPE K	ASTM B75 ASTM B88	COPPER	95 / 5 SOLDER LEAD FREE	ASTM B828 ASME B16.22
	ALL	DUCTILE IRON	SCHEDULE 40	AWWA C151/A21.51	DUCTILE IRON	GROOVED END	AWWA C606
SANITARY, WASTE, VENT (ABOVE GROUND)	< 4"	COPPER	DWV HARD / TYPE L	ASTM B88	DWV COPPER	95 / 5 SOLDER LEAD FREE	ASTM B828 ASME B16.22
	ALL	CAST IRON	HUBLESS / HUB AND SPIGOT SCHEDULE 40 / SERVICE	ASTM A74 ASTM A888 CISPI 301 / 310	CAST IRON	LEAD / OAKUM	ASTM B29
SANITARY, WASTE, VENT (BELOW GROUND)	ALL	CAST IRON	HUB AND SPIGOT EXTRA-HEAVY	ASTM A74 ASTM A888 CISPI 301 / 310	CAST IRON	LEAD / OAKUM	ASTM B29
BUILDING SEWER	ALL	CAST IRON	HUB AND SPIGOT EXTRA-HEAVY	ASTM A74 ASTM A888 CISPI 301 / 310	CAST IRON	LEAD / OAKUM	ASTM B29
STORM (ABOVE GROUND)	ALL	CAST IRON	HUBLESS / HUB AND SPIGOT SCHEDULE 40 / SERVICE	ASTM A74 ASTM A888 CISPI 301 / 310	CAST IRON	LEAD / OAKUM	ASTM B29
	ALL	CAST IRON	HUBLESS / HUB AND SPIGOT SCHEDULE 40 / SERVICE	ASTM A74 ASTM A888 CISPI 301 / 310	CAST IRON	COUPLING	ASTM C564
NATURAL GAS	≤ 4"	STEEL	SCHEDULE 40	ASTM A53 ASTM A106	MALLEABLE IRON	THREADED	ASME B16.3
	> 4"	STEEL	SCHEDULE 40	ASTM A53 ASTM A106	MALLEABLE IRON	WELDED	ASME B16.3
NOTES: 1. INSTALL DUCTILE IRON PIPING UNDER BUILDING SLAB WITH RESTRAINED JOINTS ACCORDING TO AWWA C600 AND AWWA M41. 2. INSTALL UNDERGROUND COPPER AND DUCTILE IRON PIPE IN PE ENCASEMENT ACCORDING TO ASTM A 674 OR AWWA C105/A21.5 3. DUCTILE IRON WATER SERVICE PIPING SHALL BE CEMENT MORTAR LINED IN ACCORDANCE WITH AWWA C104. 4. WATER SERVICE PIPE SHALL CONFORM TO NSF 61 AND SHALL HAVE A WORKING PRESSURE RATING OF NOT LESS THAN 160 PSI AT 73.4 °F 5. ALL MEDICAL GAS PIPE SHALL BE MANUFACTURER CLEANED, PURGED, AND SEALED FOR MEDICAL GAS SERVICE, OR ACCORDING TO CGA G-4.1 FOR OXYGEN SERVICE. INCLUDE STANDARD COLOR MARKING "OXY", "MED", "OXY/MED", OR "ACR/MED" IN BLUE FOR TYPE L TUBE.							

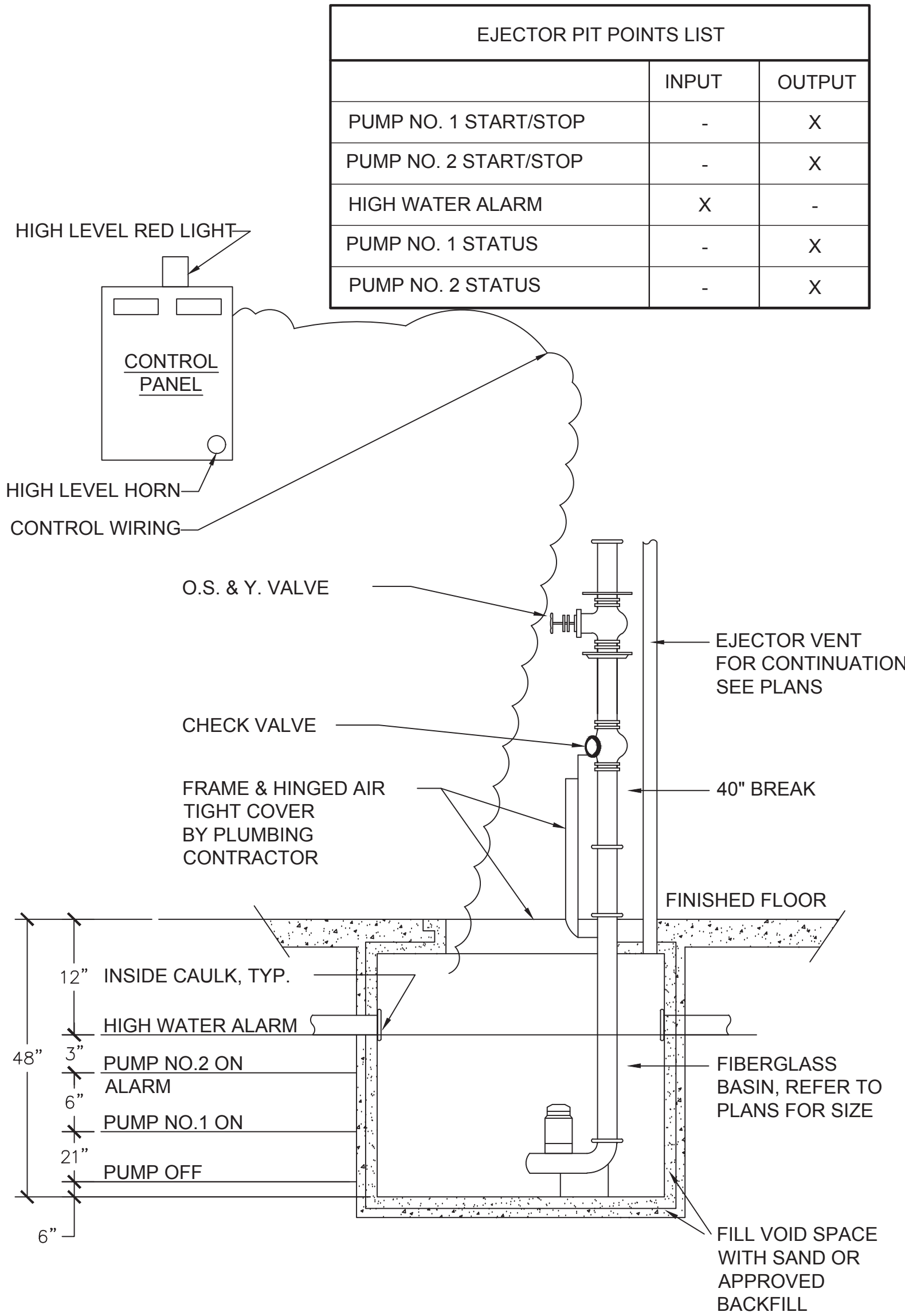


2 HOT WATER HEATER SCHEMATIC
SCALE: NONE

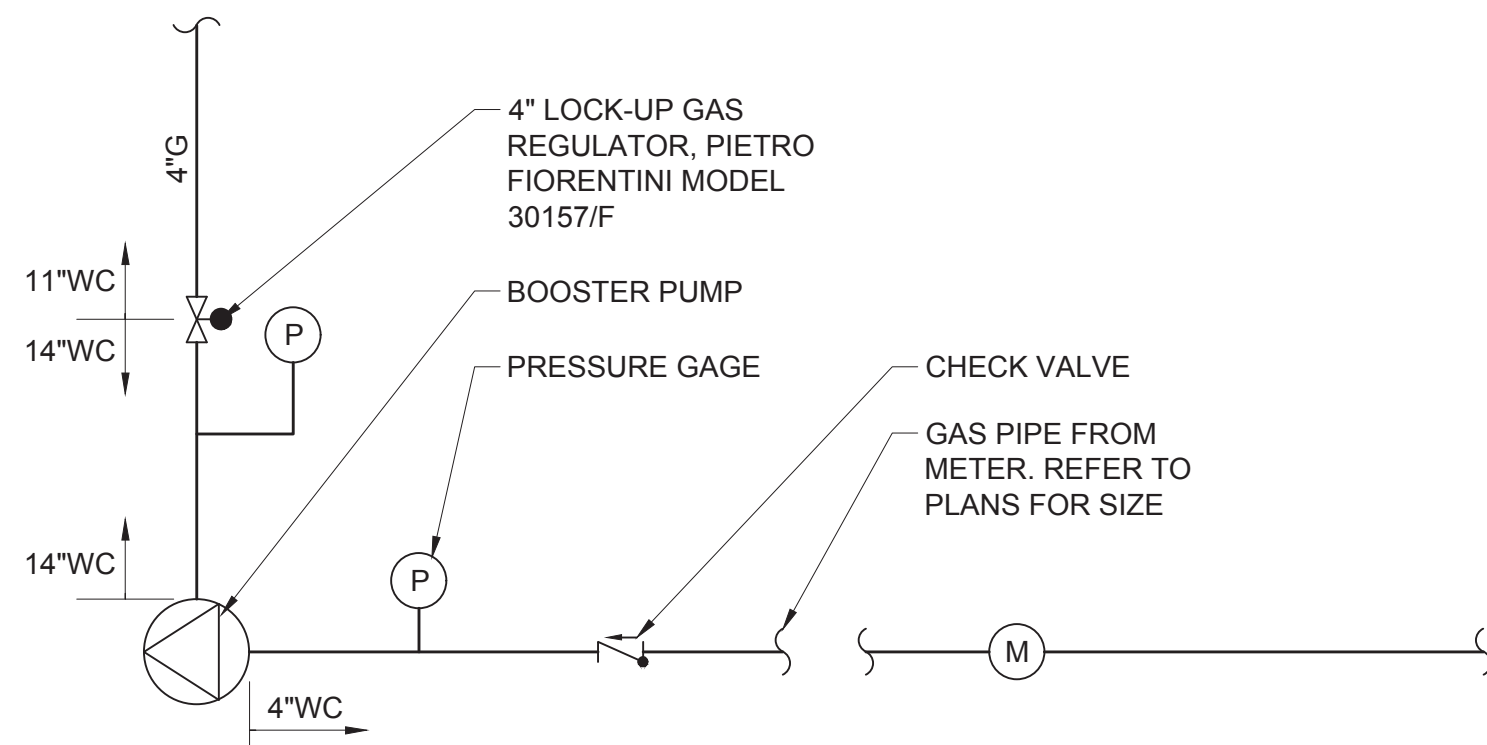


- 1.) STANCOR SUBMERSIBLE EFFLUENT PUMP, 2" DISCHARGE CONNECTION.
- 2.) STANCOR CHECK VALVE.
- 3.) STANCOR OIL MINDER 115V, 10" CONTROL SYSTEM WITH OPTIONAL BUILT IN AUDIBLE AND VISUAL ALARM WHEN PUMP DOES NOT RUN DUE TO OIL IN PIT OR HIGH LIQUID ALARM. PROVIDE SILENCING BUTTON FOR AUDIBLE ALARM BUILT INTO PANEL. PANEL SHALL HAVE ADDITIONAL CONTACT FOR A REMOTE ALARM LOCATION. A JUNCTION BOX WILL BE PROVIDED WITH MULTI-PIN CONNECTOR & CORD IN LENGTHS AS REQUIRED, 25 FT. IS STANDARD, OPTIONAL 25 FT. INCREMENTS. LIGHTS FOR OIL SPILL, POWER, HIGH LIQUID LEVEL, OVERLOAD & PUMP RUN.
- 4.) JUNCTION BOX WILL BE PROVIDED WITH MULTI-PIN CONNECTOR AND CORD IN LENGTHS AS REQUIRED, 25 FT. IS STANDARD, OPTIONAL 25 FT. INCREMENTS AVAILABLE.
- 5.) ALL BURIED PUMP PRESSURE DISCHARGE PIPING SHALL BE PROTECTED WITH TAPECOAT CT CORROSION PROTECTION TAPE.
- 6.) OIL MINDER CABLE, POWER CABLE, PROBE CABLE, HIGH LIQUID ALARM CABLE & PUMP ON FLOAT CABLE.
- 7.) HIGH LIQUID ALARM FLOAT WITH CLAMP DEVICE TO MOUNT TO PUMP DISCHARGE PIPING.
- 8.) PUMP ON FLOAT.
- 9.) PROVIDE (2) 25 FT LENGTH MULTI-PIN CONNECTOR AND CORD FOR CONNECTION BETWEEN PUMP AND CONTROL PANEL.

4 ELEVATOR SUMP PUMP DETAIL
SCALE: NONE



3 DETAIL OF SUMP PUMP WITHIN SUMP
PIT, CONTROLS DIAGRAM AND POINTS LIST
SCALE: NONE



1 GAS BOOSTER PUMP SCHEMATIC
SCALE: NONE

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET• MOUNT KISCO, NEW YORK 10549
P-914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800

8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC AND ARE NOT TO BE REPRODUCED OR USED IN ANY PROJECT, NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS BEFORE. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 88.3 (b) OF NEW YORK STATE LAW.
© COPYRIGHT KG+D ARCHITECTS, PC.
ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

Sheet Title

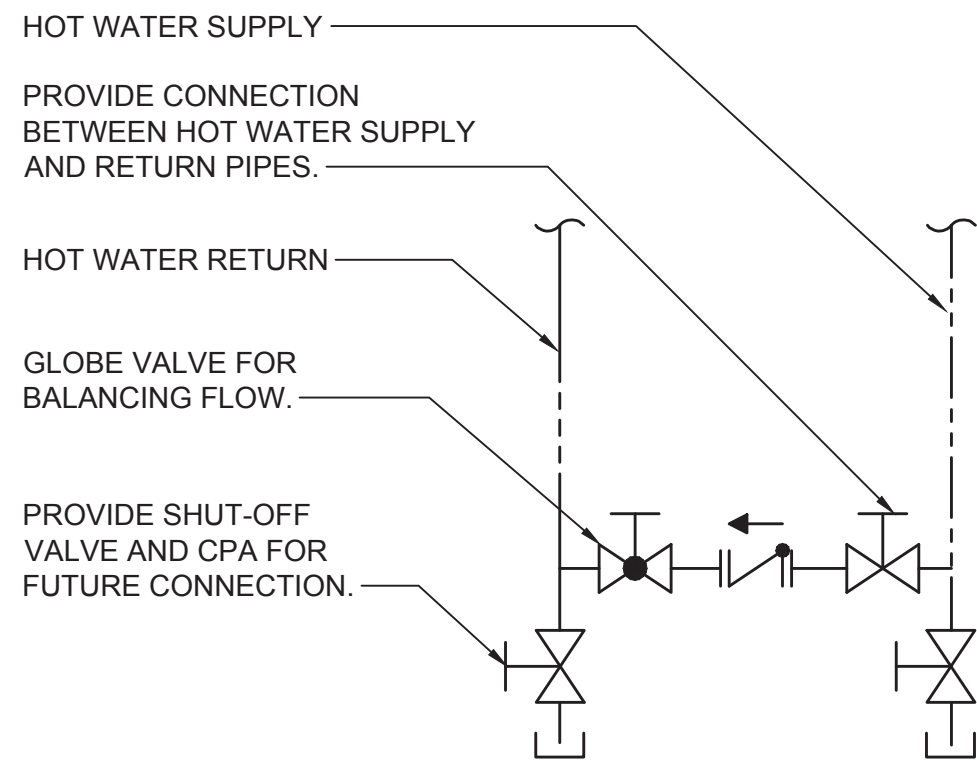
PLUMBING DETAILS

Job No. NKGD0207.00 Date 03/01/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

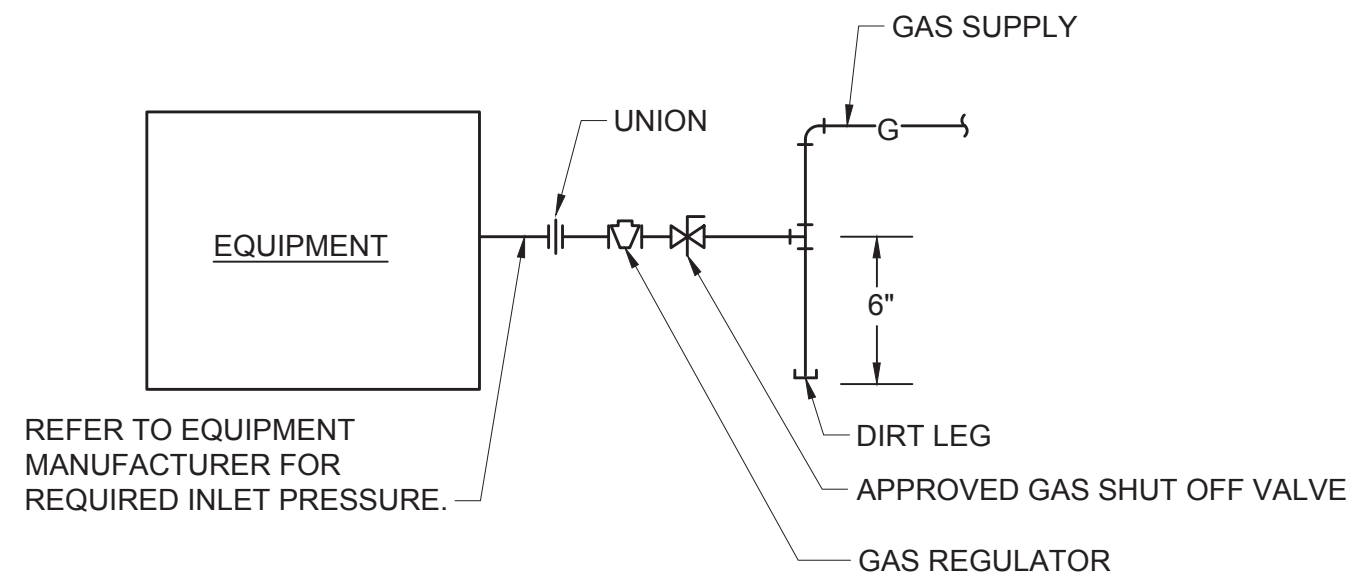
P-702



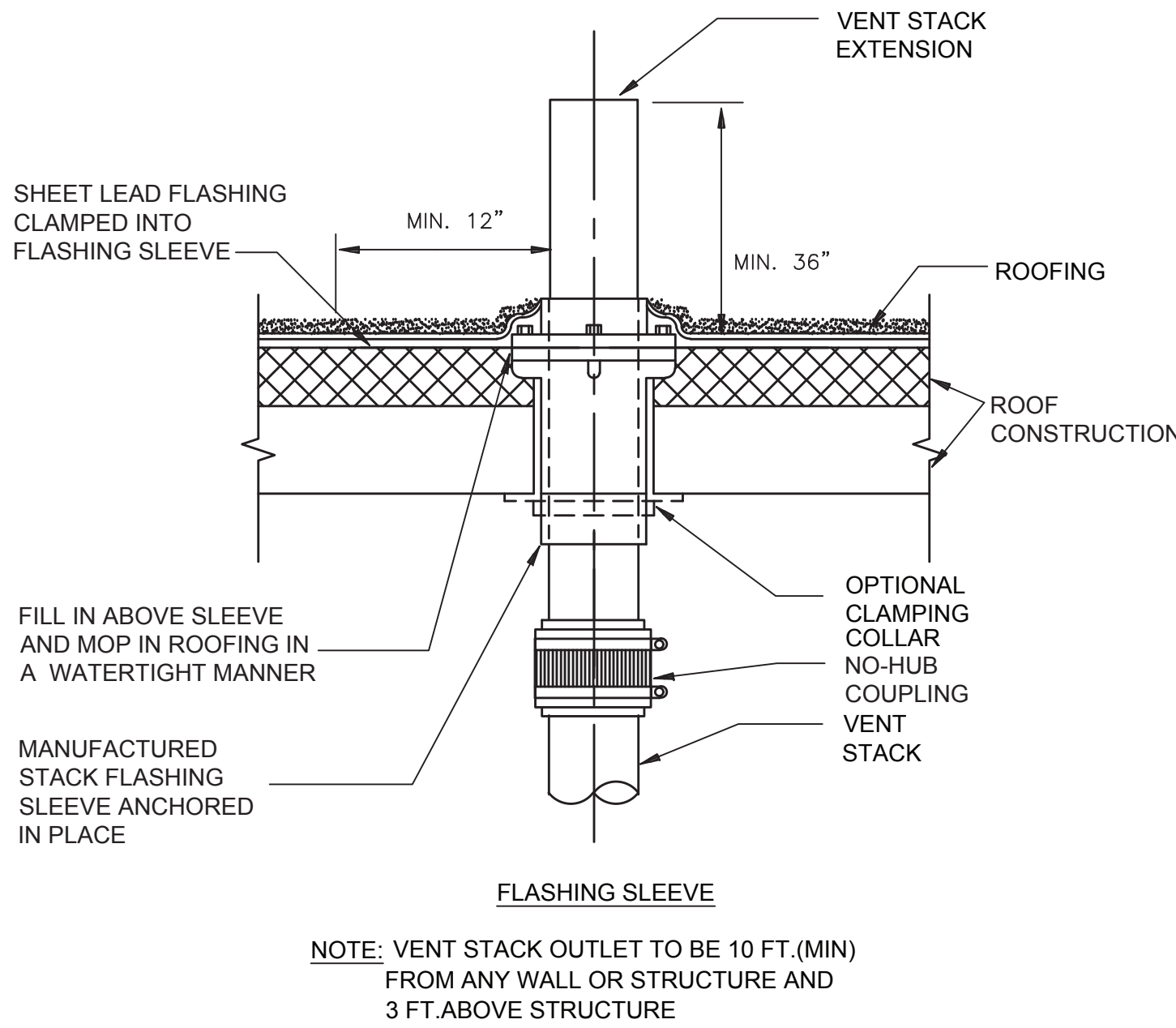
NOTE:
HOT WATER CIRCULATION CONNECTION SHALL BE LOCATED THROUGHOUT BUILDING AS REQUIRED TO ACHIEVE EFFICIENT HOT WATER SUPPLY

MAXIMUM PIPING LENGTH (FEET)		
NOMINAL PIPE SIZE (INCHES)	PUBLIC LAVATORY FAUCETS	OTHER FIXTURES AND APPLIANCES
1/4	6	50
3/8	4	50
1/2	3	50
3/4	2	43
1	1	32
1 1/4	0.5	21

8 HOT WATER RECIRC CONNECTION DETAIL
SCALE: NONE

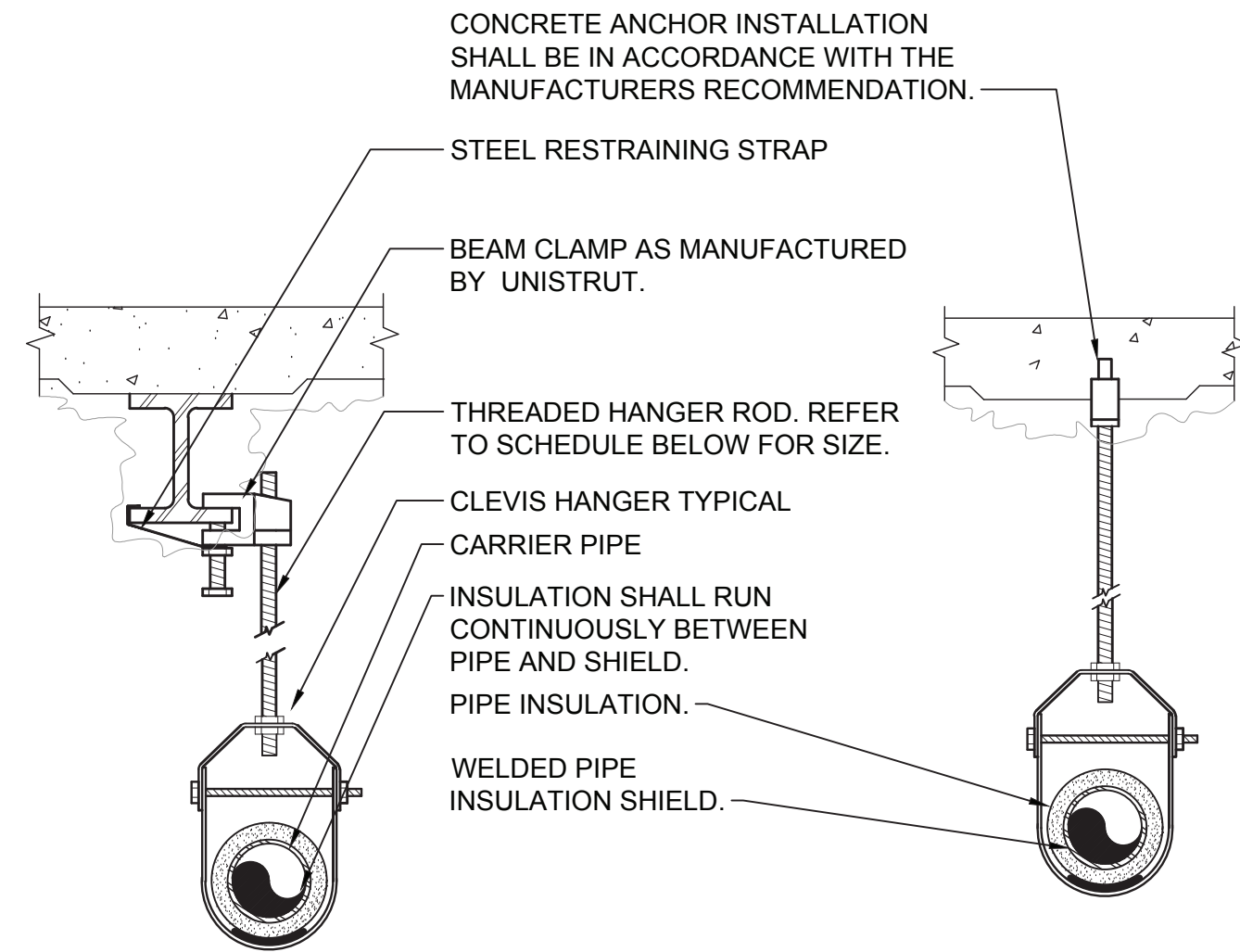


6 EQUIPMENT GAS CONNECTION SCHEMATIC
SCALE: NONE



NOTE: VENT STACK OUTLET TO BE 10 FT. (MIN) FROM ANY WALL OR STRUCTURE AND 3 FT. ABOVE STRUCTURE

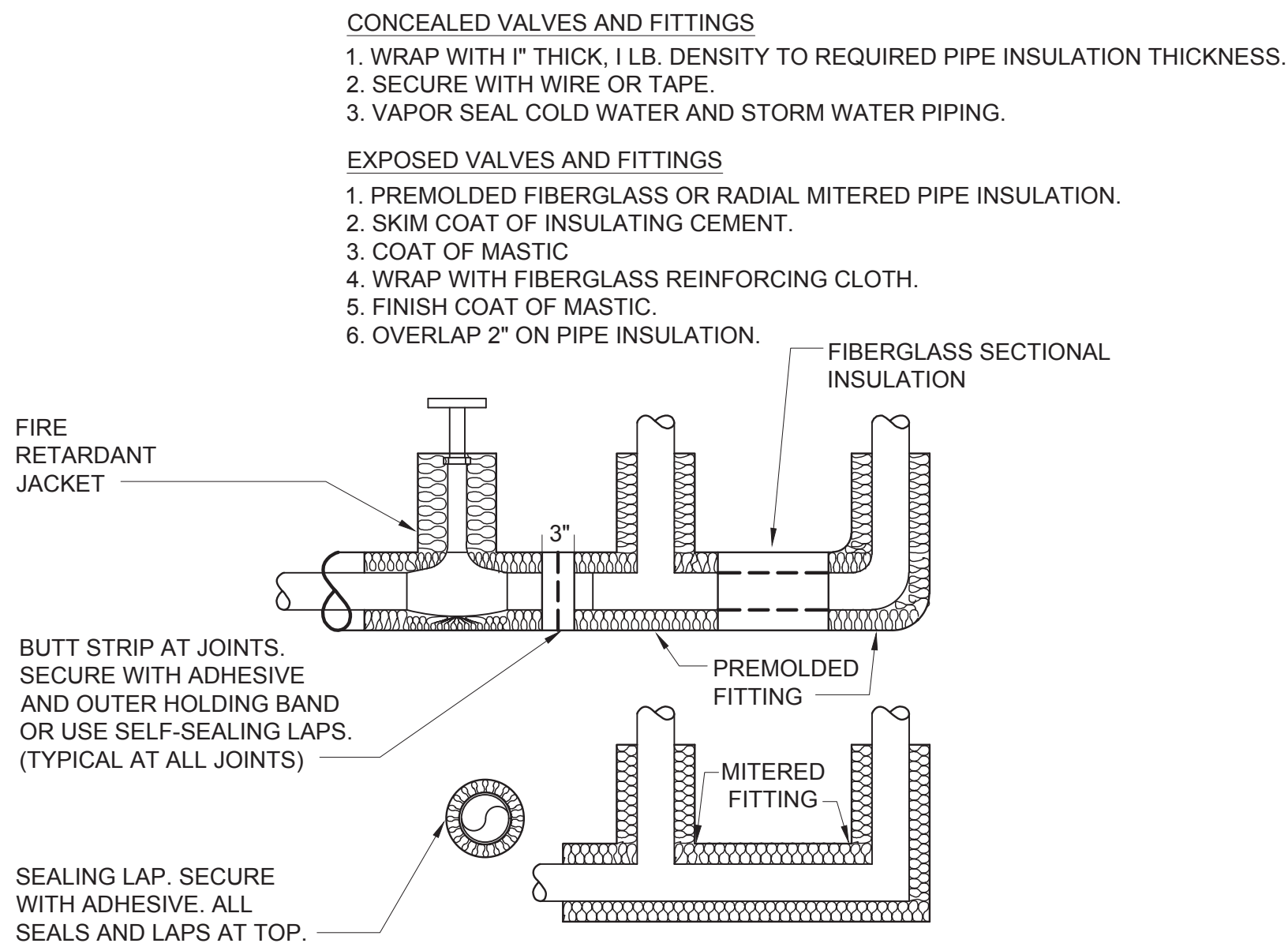
4 VENT THRU ROOF DETAIL
SCALE: NONE



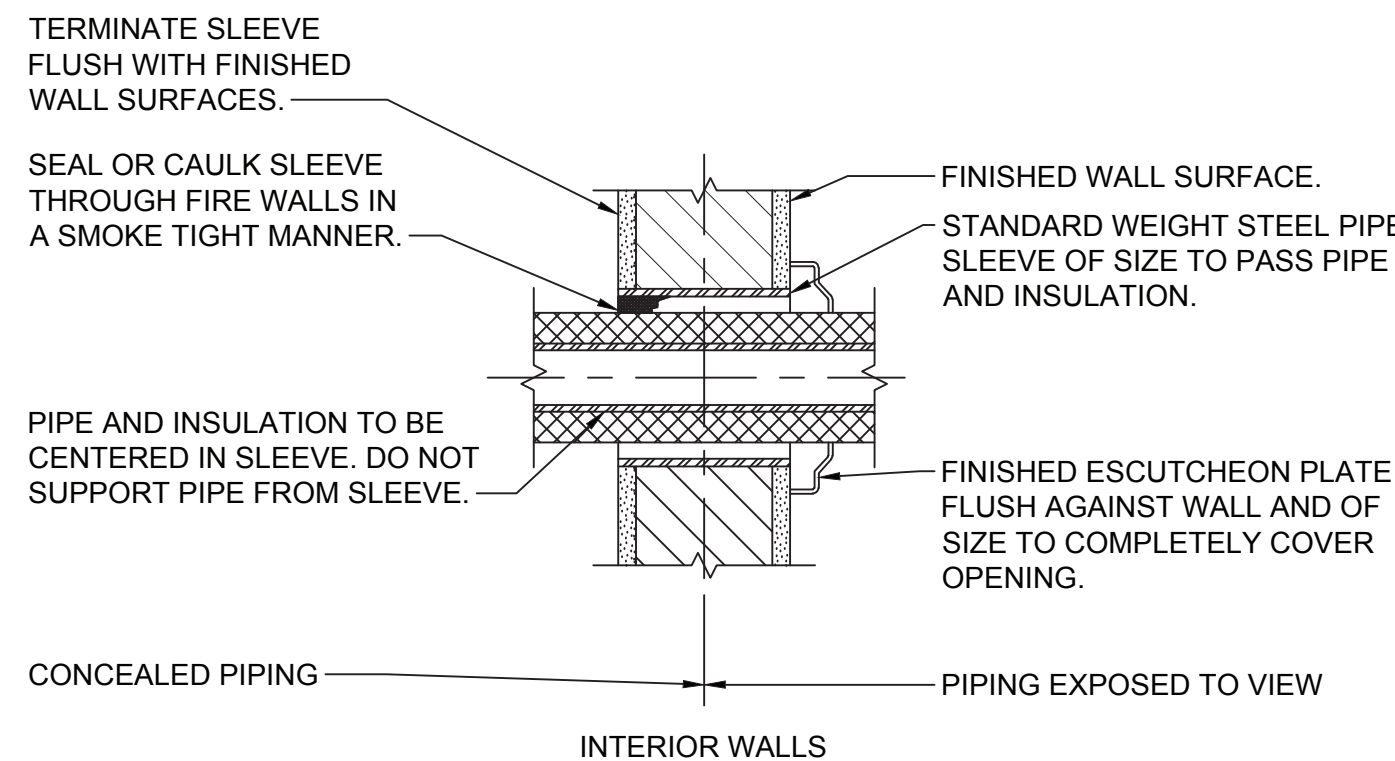
PIPE HANGER SCHEDULE					
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"

- NOTES:
- CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".
 - FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.
 - FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
 - ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
 - FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.
 - WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

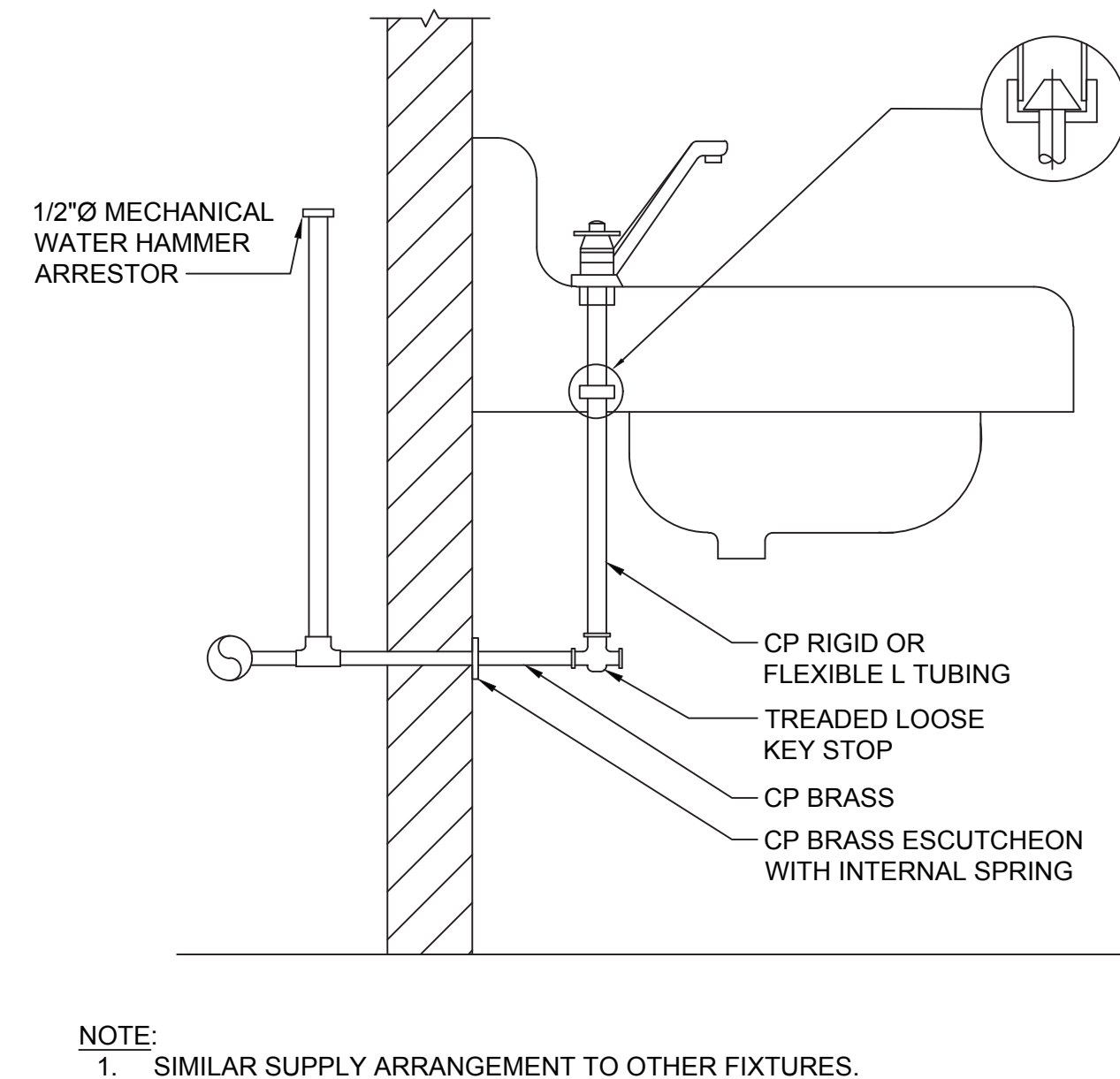
2 PIPE HANGER DETAIL
SCALE: NONE



7 PIPE INSULATION DETAIL
SCALE: NONE

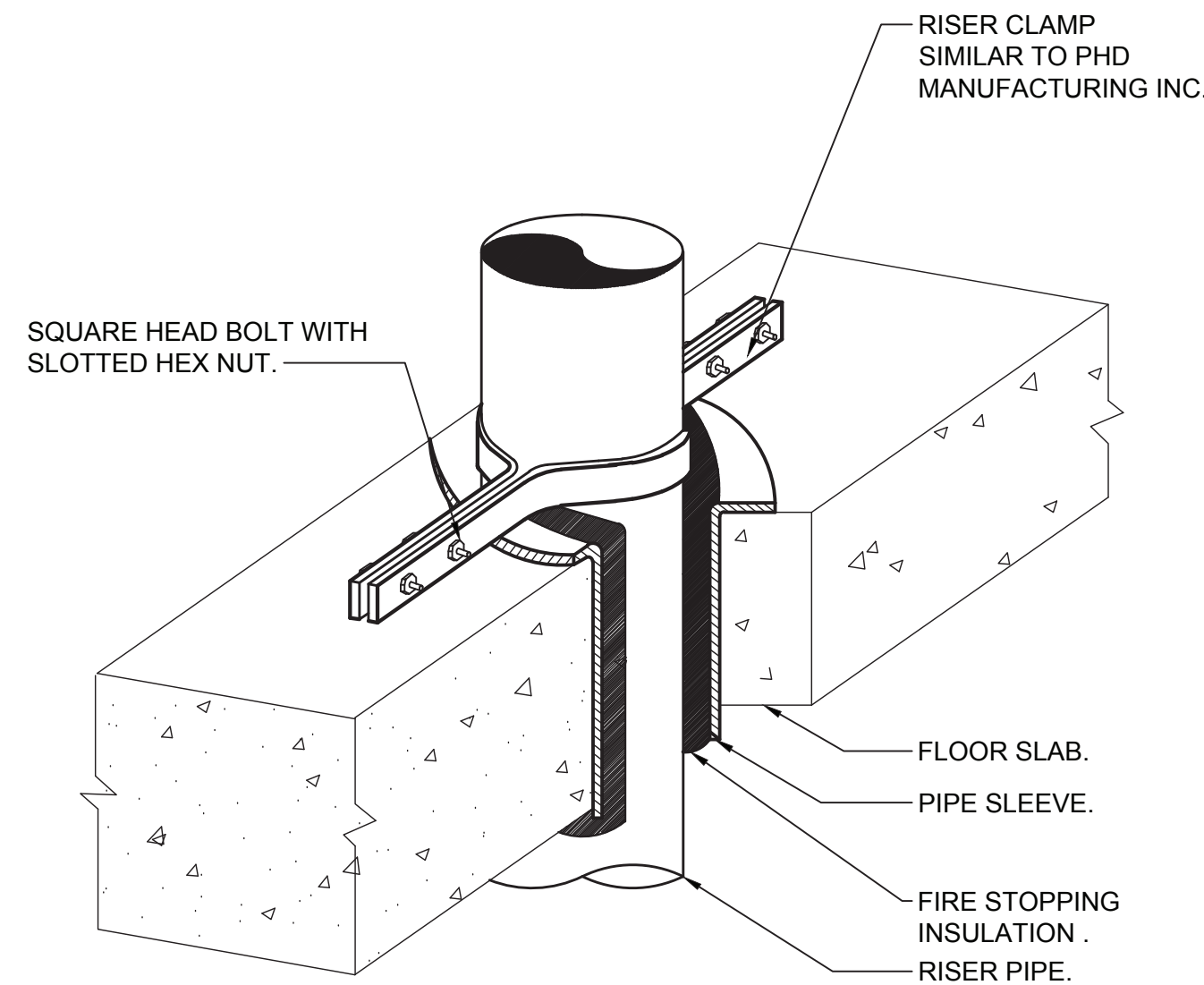


5 PIPE WALL SLEEVE DETAIL FOR INTERIOR WALLS
SCALE: NONE



NOTE:
1. SIMILAR SUPPLY ARRANGEMENT TO OTHER FIXTURES.

3 SUPPLY LAVATORY SUPPLY CONNECTION
SCALE: NONE



1 VERTICAL PIPE SUPPORT DETAIL
SCALE: NONE

HARRISON RECREATION & COMMUNITY CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET• MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC (KG+D), AND WERE ORIGINATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, UNLESS PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 88.3 (b) OF NEW YORK STATE LAW.

© COPYRIGHT 2020 KG+D ARCHITECTS, PC. ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

Sheet Title

PLUMBING DETAILS

Job No. NKGD0207.00 Date 03/01/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

P-701

HARRISON
RECREATION &
COMMUNITY
CENTER

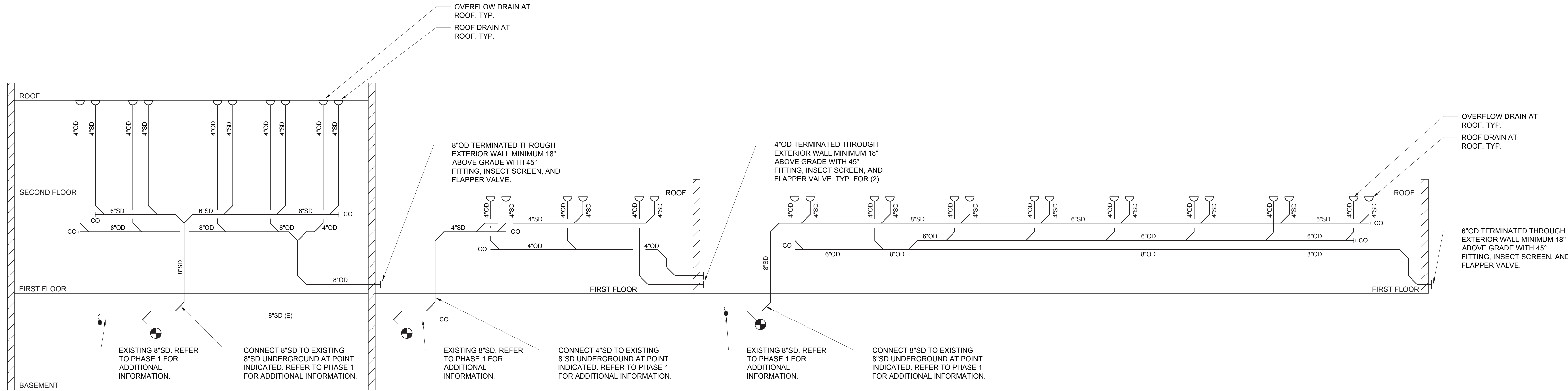
New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528



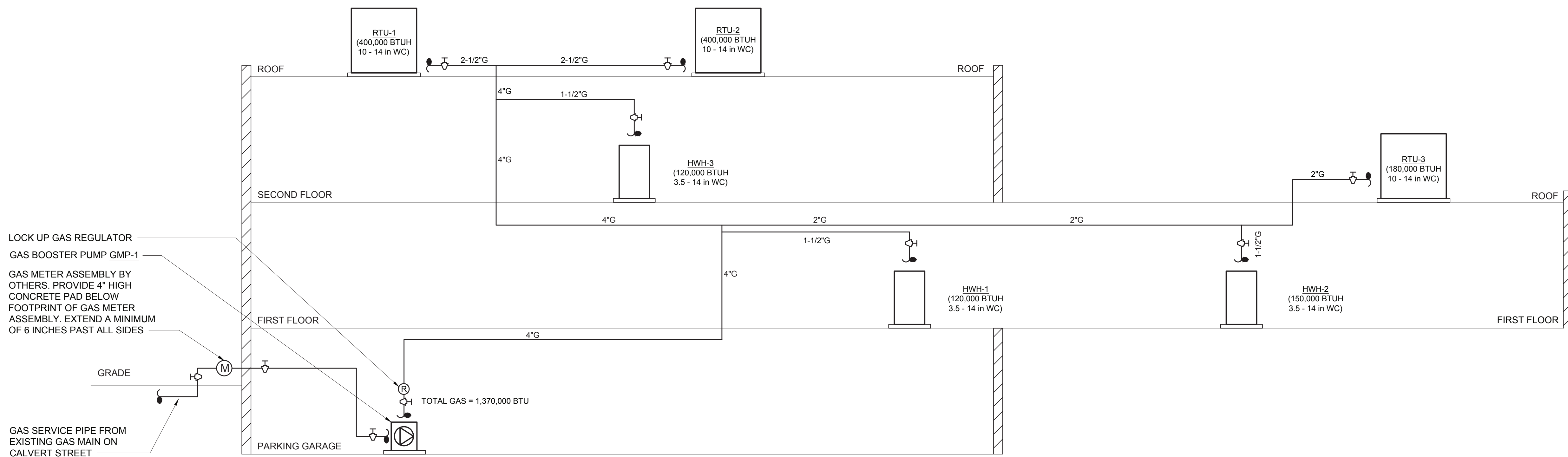
KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P-914.666.5900 KGDARCHITECTS.COM



CONSTRUCTION DOCUMENTS



2 PLUMBING STORM RISER DIAGRAM
SCALE: NTS



1 PLUMBING GAS RISER DIAGRAM
SCALE: NTS

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC (KG+D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 88.3 (b) OF NEW YORK STATE LAW.
© COPYRIGHT KG+D ARCHITECTS, PC
ALL RIGHTS RESERVED.

Professional Seal

No.	Date	Issue
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

Sheet Title

PLUMBING RISER
DIAGRAM 2 OF 2

Job No. NKGD0207.00	Date 03/01/2024
Scale AS NOTED	Drawn / Checked HM / RG

Sheet Number

P-502

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

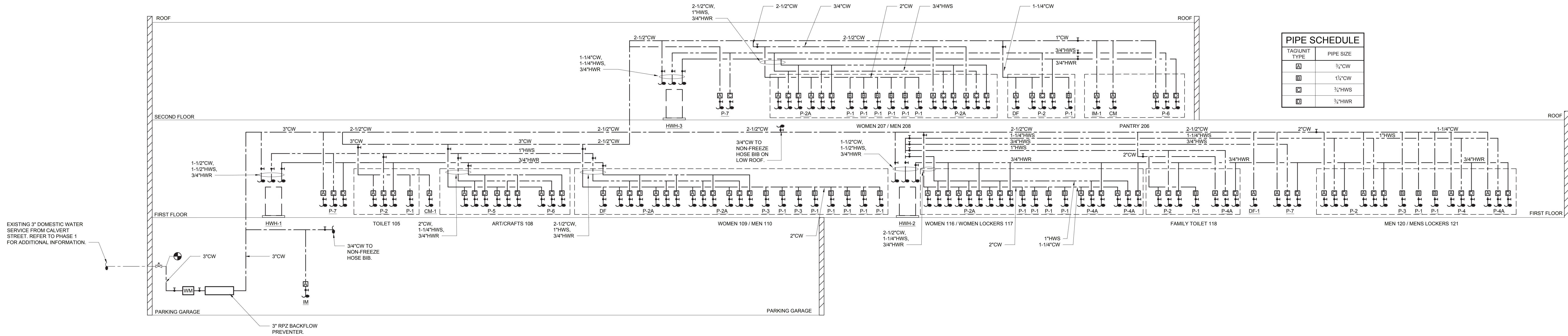


KG+D ARCHITECTS, PC
285 MAIN STREET- MOUNT KISCO, NEW YORK 10549
P-914.666.5900 KGDARCHITECTS.COM

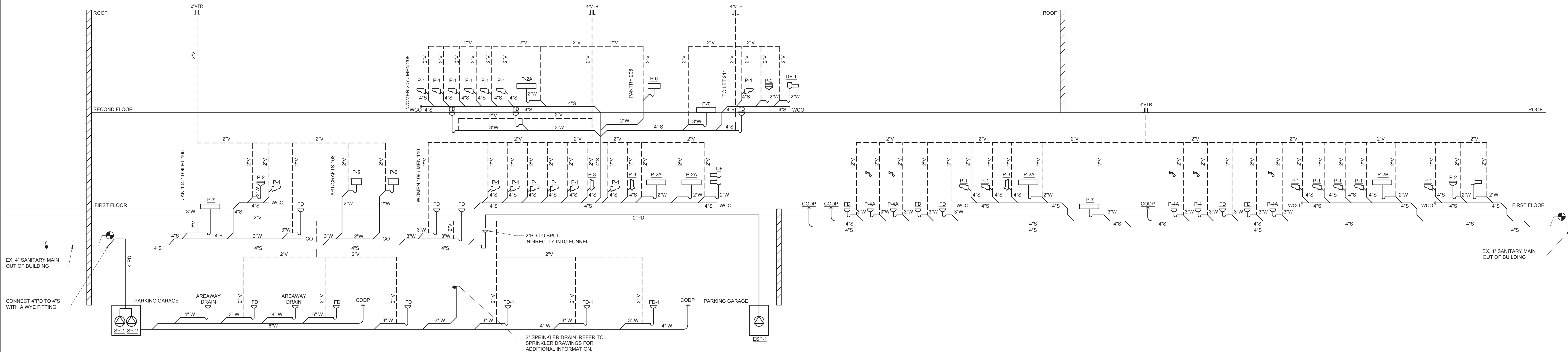
OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

2 DOMESTIC WATER RISER DIAGRAM
SCALE: NTS



1 SANITARY RISER DIAGRAM
SCALE: NTS



NOTE: ALL IDEAL, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC. NO PART OF THIS DRAWING OR ANY PART THEREOF SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL, OR AS AFFIRMED HERETO, IS A VIOLATION OF TITLE 16, SECTION 16-1.1 OF THE NEW YORK STATE LAW.

© COPYRIGHT 2020 KG+D ARCHITECTS, PC. ALL RIGHTS RESERVED.

Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

No. Date Issue

PLUMBING RISER
DIAGRAMS 1 OF 2

Job No. NKGD0207.00 Date 03/01/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

P-501

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL, DESIGN, ARRANGEMENTS AND PLANS INDICATED ON REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF HARRISON RECREATION & COMMUNITY CENTER, PC (HRC). ANY REUSE OR MODIFICATION OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF HRC IS A VIOLATION OF TITLE VIL SECT. 66.5 (b) OF NEW YORK STATE LAW. COPYRIGHT 2024, HRC. ALL RIGHTS RESERVED.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, INFRINGES PROFESSIONAL SEAL & ATTACHED RIGHTS. IS A VIOLATION OF TITLE VIL SECT. 66.5 (b) OF NEW YORK STATE LAW. COPYRIGHT 2024, HRC. ALL RIGHTS RESERVED.

Professional Seal

NEW WORK KEY NOTES

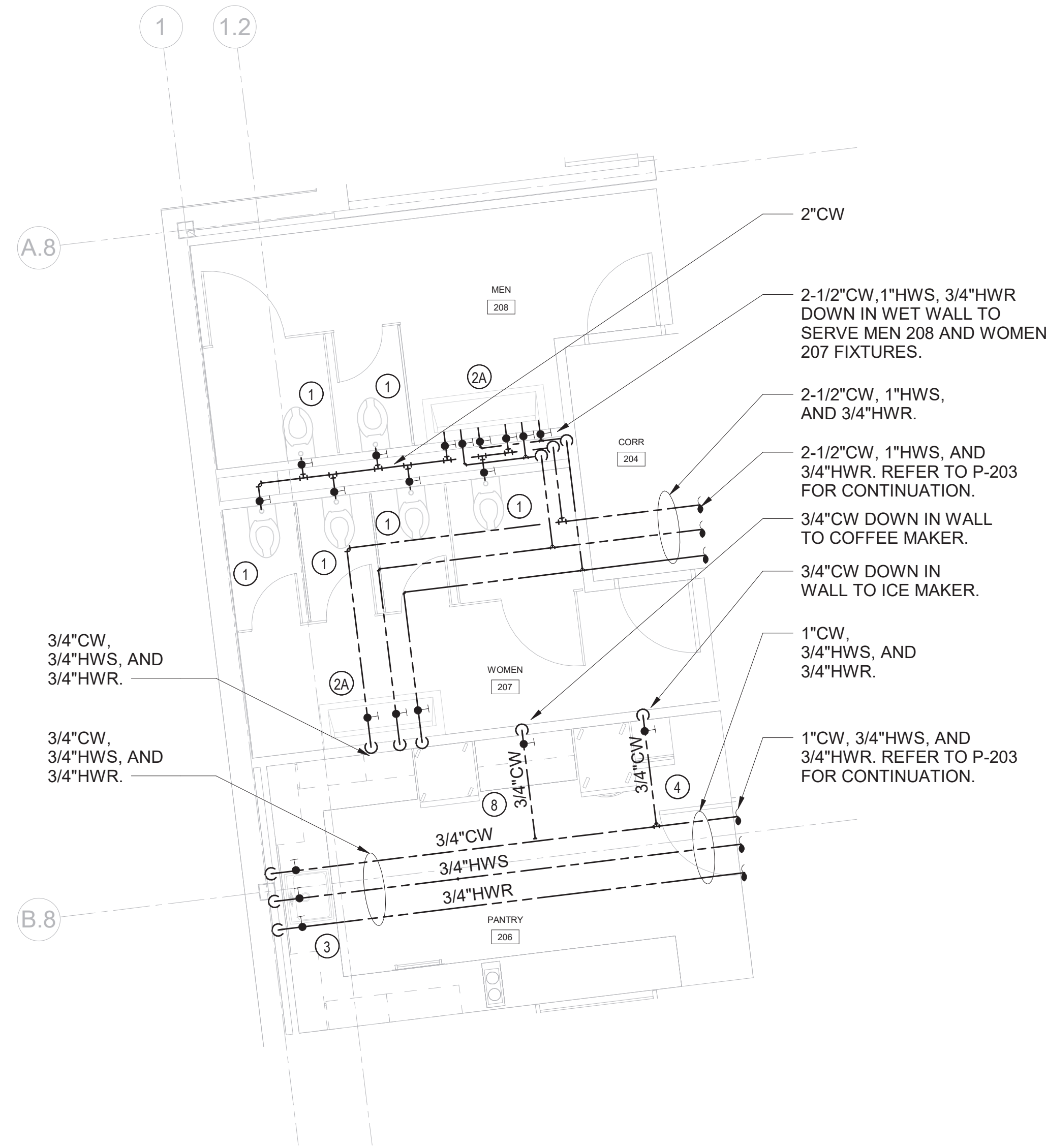
- 1 WATER CLOSET P-1. PROVIDE 1-1/4" CW, 4"S, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 2 1-STATION LAVATORY P-2. PROVIDE 3/4" CW, 3/4" HW, 3/4" HWR, 2"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 2A 2-STATION LAVATORY P-2A. PROVIDE (2) 3/4" CW, (2) 3/4" HW, (2) 3/4" HWR, (1) 2"W, AND (1) 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 3 PANTRY SINK P-5. PROVIDE 3/4" CW, 3/4" HW, 3/4" HWR, 2"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 4 ICE MAKER IM-1. PROVIDE 3/4" CW. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 5 DRINKING FOUNTAIN DF-1. PROVIDE 3/4" CW, 2"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 6 JANITOR SINK P-7. PROVIDE 3/4" CW, 3/4" HW, 3/4" HWR, 3"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 7 FLOOR DRAIN ED. PROVIDE 3"W AND 2"V. TYPICAL.
- 8 COFFEE MAKER CM. PROVIDE 3/4" CW. PROVIDE SHUT-OFF VALVE AND BACKFLOW PREVENTER.

PLUMBING
SECOND FLOOR
ENLARGED PLANS

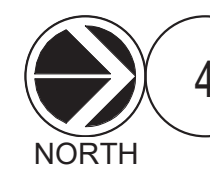
Job No. NKGD0207.00 Date 02/16/2024
Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

P-402



PLUMBING PANTRY 206, WOMEN 207, & MEN 208
- DOMESTIC WATER PLAN



4

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

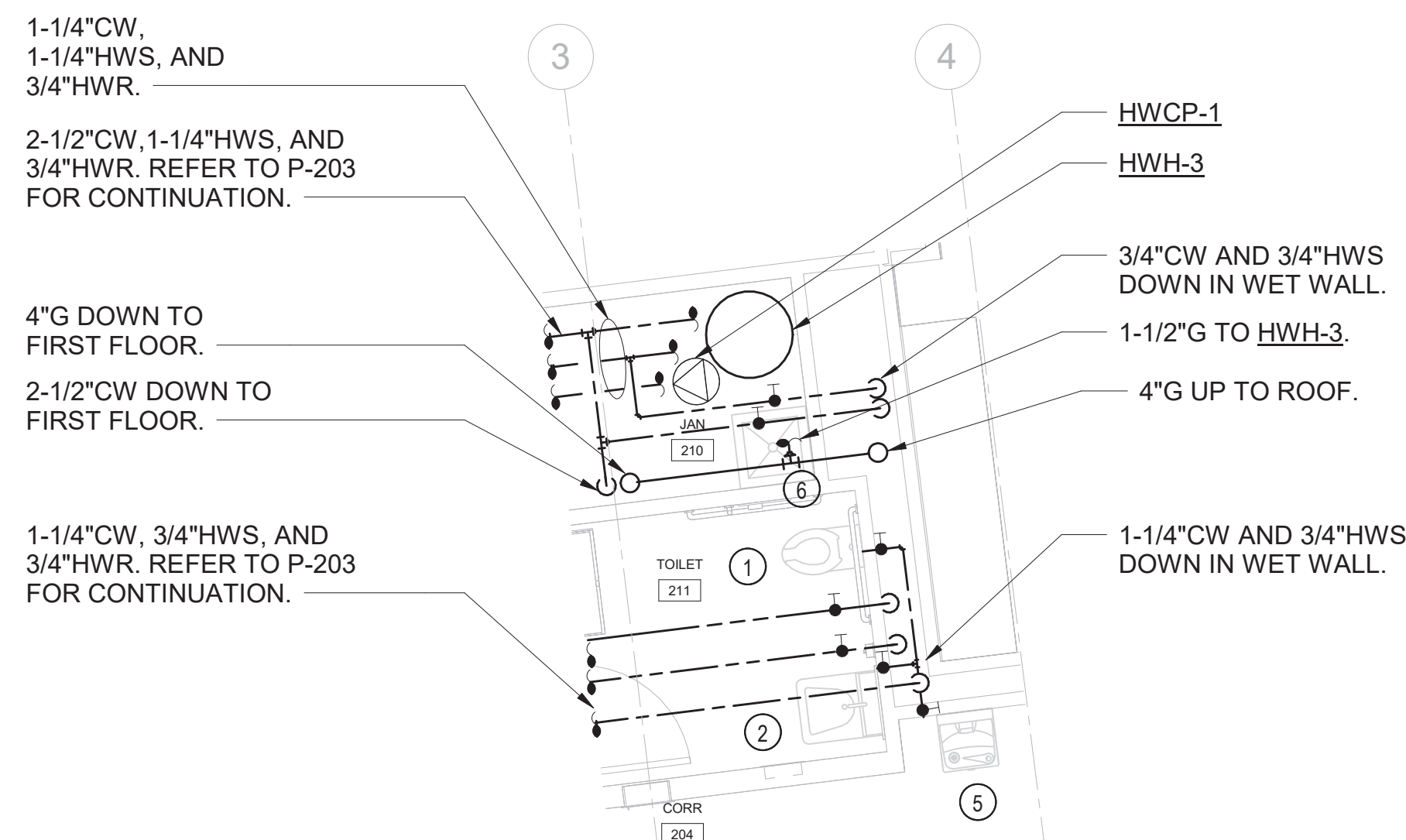


PLUMBING PANTRY 206, WOMEN 207, & MEN 208
- SANITARY PLAN

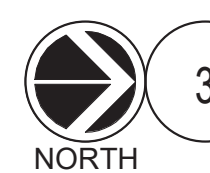


2

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

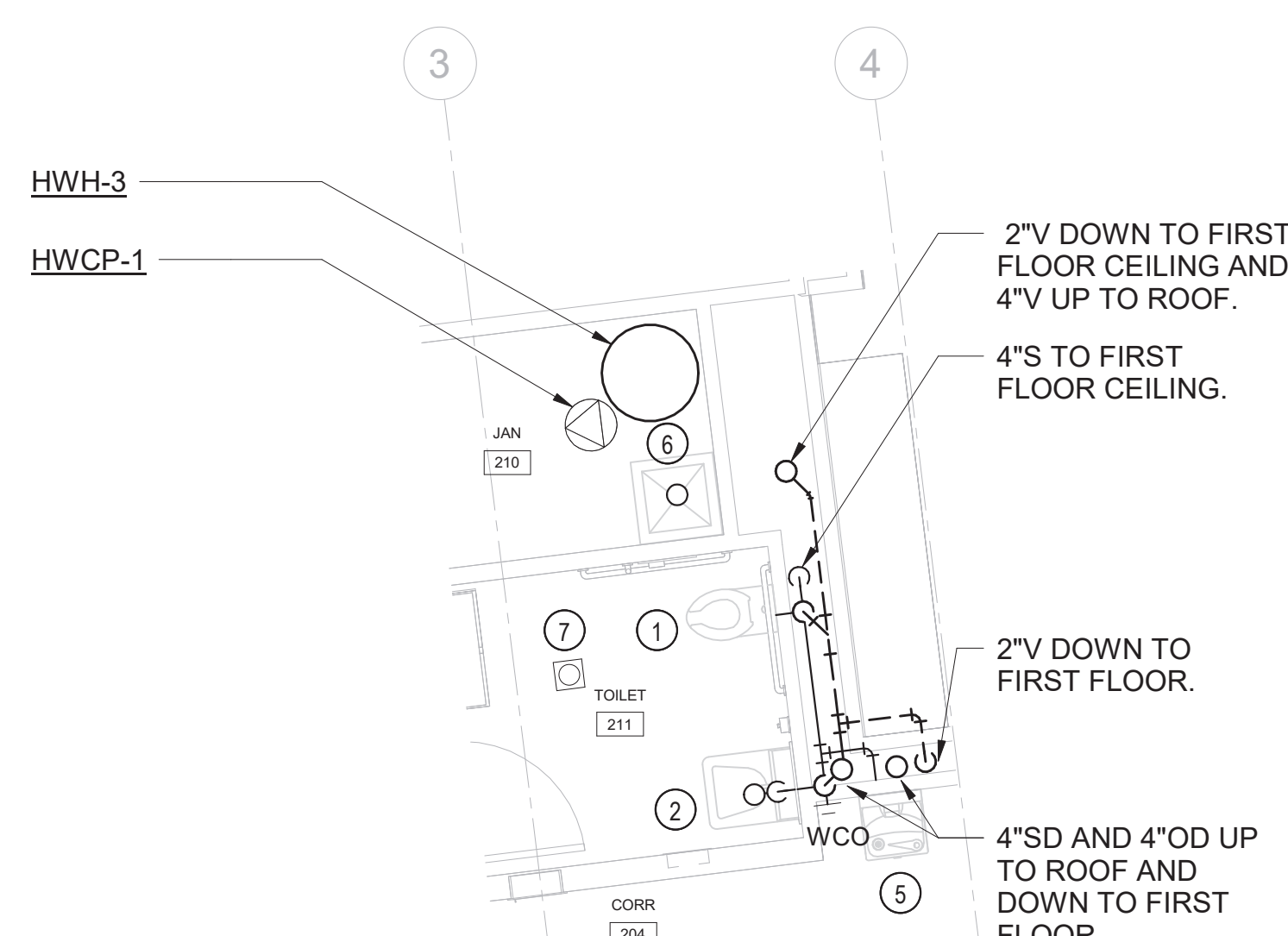


PLUMBING - JAN 210 & TOILET 211 - DOMESTIC WATER PLAN



3

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



PLUMBING JAN 210 & TOILET 211 - SANITARY PLAN



1

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

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC

285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
HARRISON RECREATION & COMMUNITY CENTER. NO PART OF THIS DRAWING
FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS
OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER
WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH
FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS
DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED
ARCHITECT, IN THE PROFESSIONAL SEAL, IS A VIOLATION OF TITLE V.B. SECT. 60.5
OF THE NEW YORK STATE LAW. COPYRIGHT 2024, HARRISON RECREATION & COMMUNITY CENTER, PC. ALL RIGHTS RESERVED.

Professional Seal

NEW WORK KEY NOTES

- 1 WATER CLOSET P-1. PROVIDE 1-1/4" CW, 4"S, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 2 1-STATION LAVATORY P-2. PROVIDE 3/4" CW, 3/4" HW, 3/4" HWR, 2"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 2A 2-STATION LAVATORY P-2A. PROVIDE (2) 3/4" CW, (2) 3/4" HW, (2) 3/4" HWR, (1) 2"W, AND (1) 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 2B 3-STATION LAVATORY P-2B. PROVIDE (3) 3/4" CW, (3) 3/4" HW, (3) 3/4" HWR, (1) 2"W, AND (1) 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 3 URINAL P-3. PROVIDE 1-1/4" CW, 4"S, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 4 SHOWER P-4. PROVIDE 3/4" CW, 3/4" HW, 3/4" HWR, 3"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 4A SHOWER P-4A. PROVIDE 3/4" CW, 3/4" HW, 3/4" HWR, 3"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 5 DRINKING FOUNTAIN DF. PROVIDE 3/4" CW, 2"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 5A DRINKING FOUNTAIN DF-1. PROVIDE 3/4" CW, 2"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 6 JANITOR SINK P-7. PROVIDE 3/4" CW, 3/4" HW, 3/4" HWR, 3"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL.
- 7 FLOOR DRAIN FD. PROVIDE 3"W AND 2"V. TYPICAL.

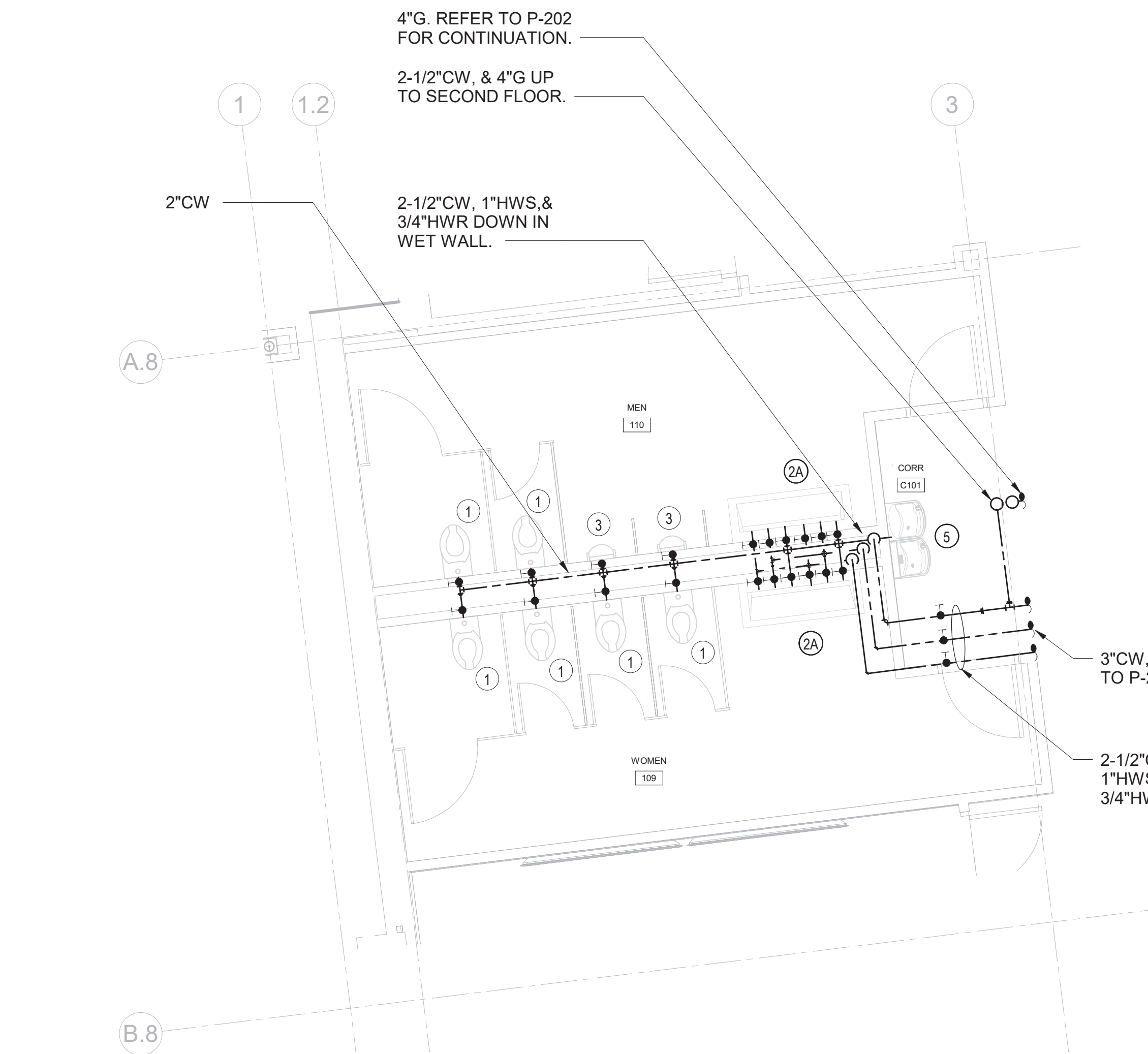
PLUMBING FIRST
FLOOR ENLARGED
PLANS

Job No. NKGD0207.00 Date 02/16/2024

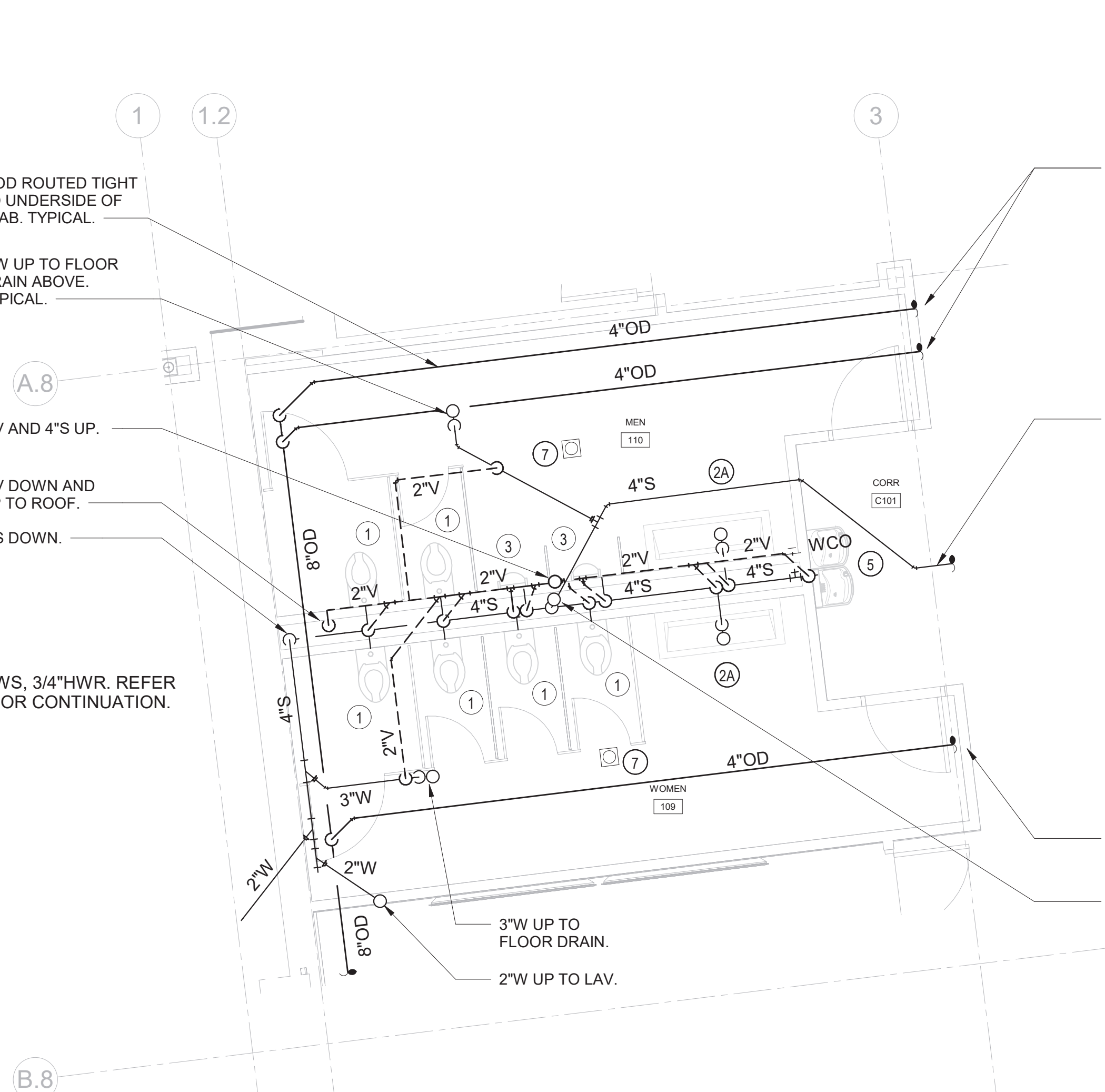
Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

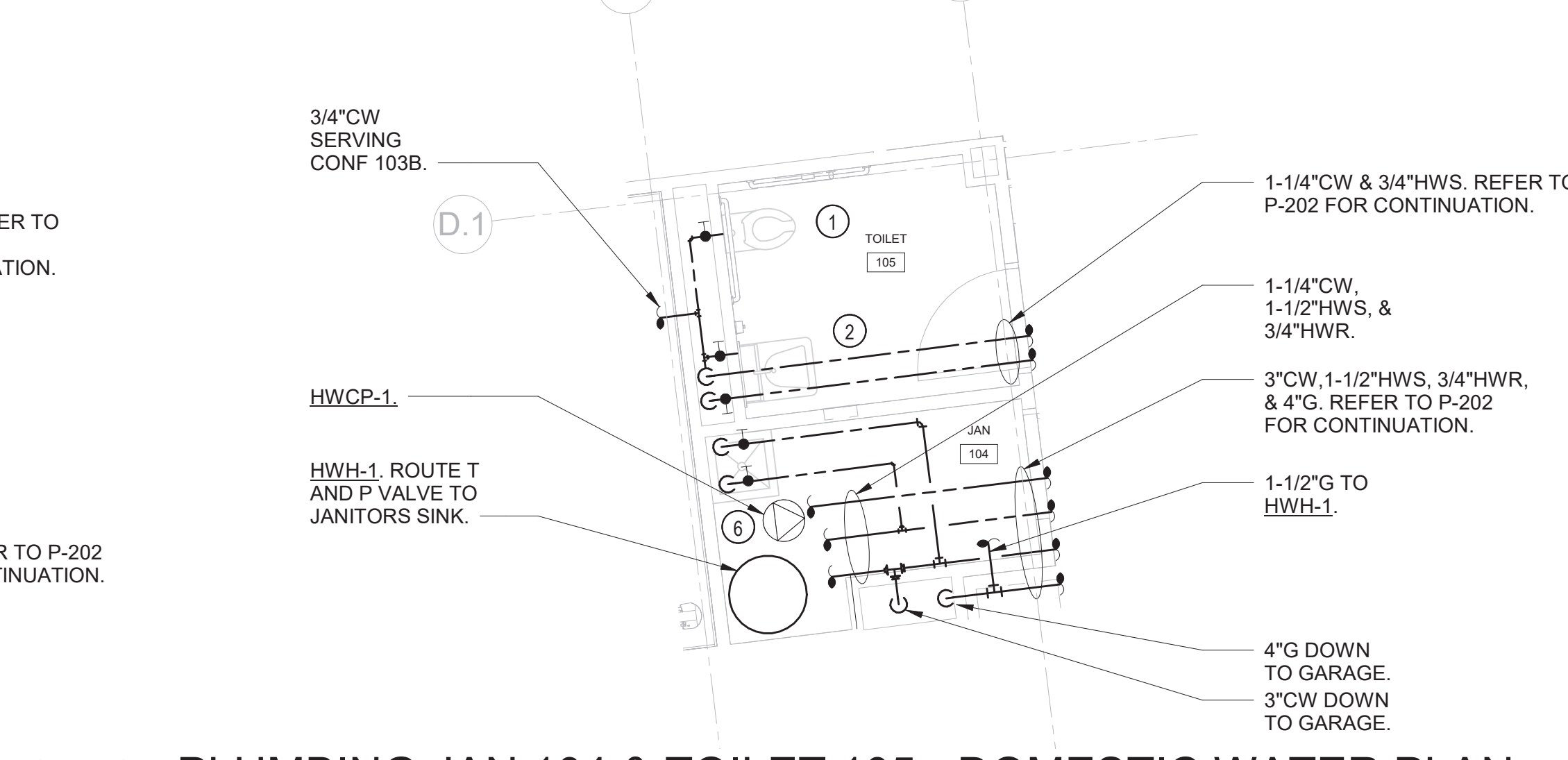
P-401



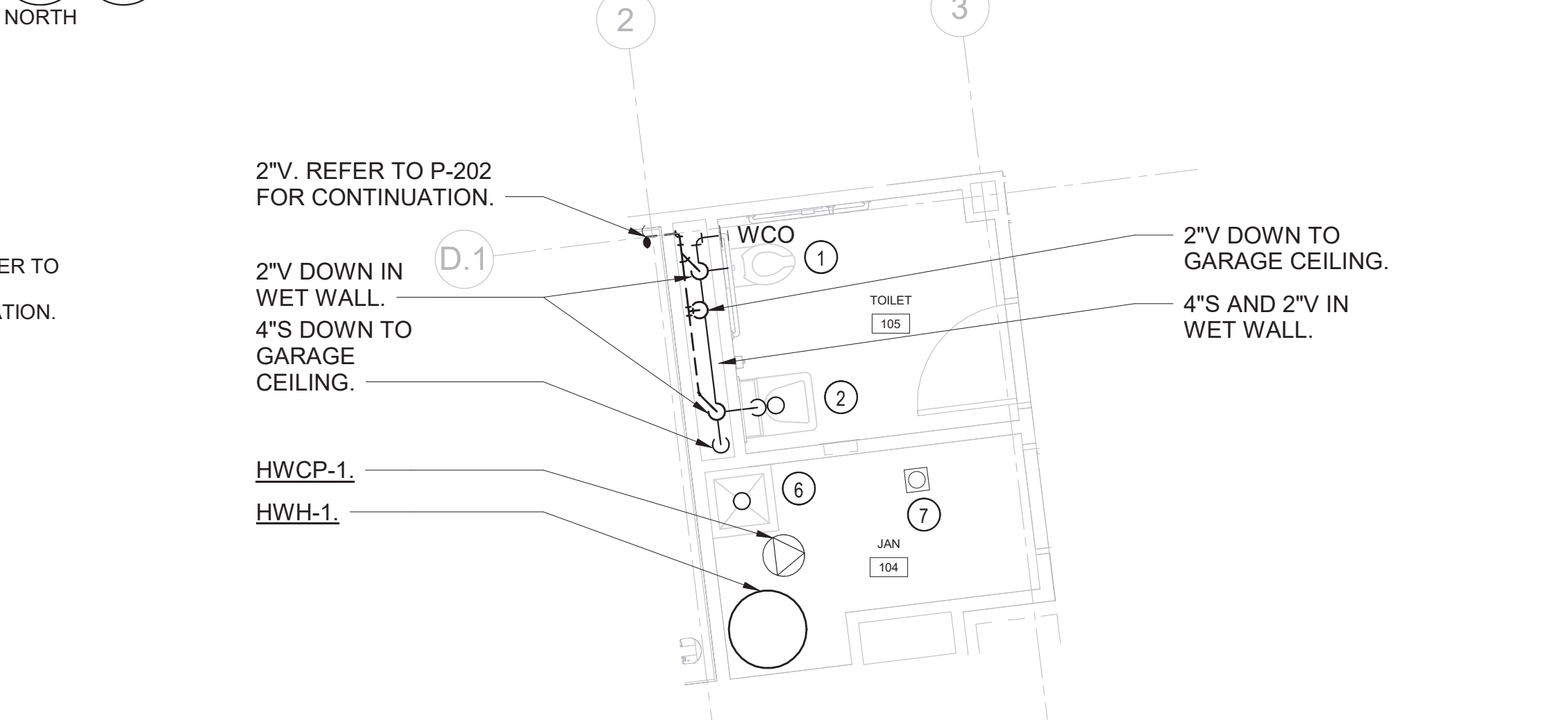
6 PLUMBING MEN 110 & WOMEN 109 - DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



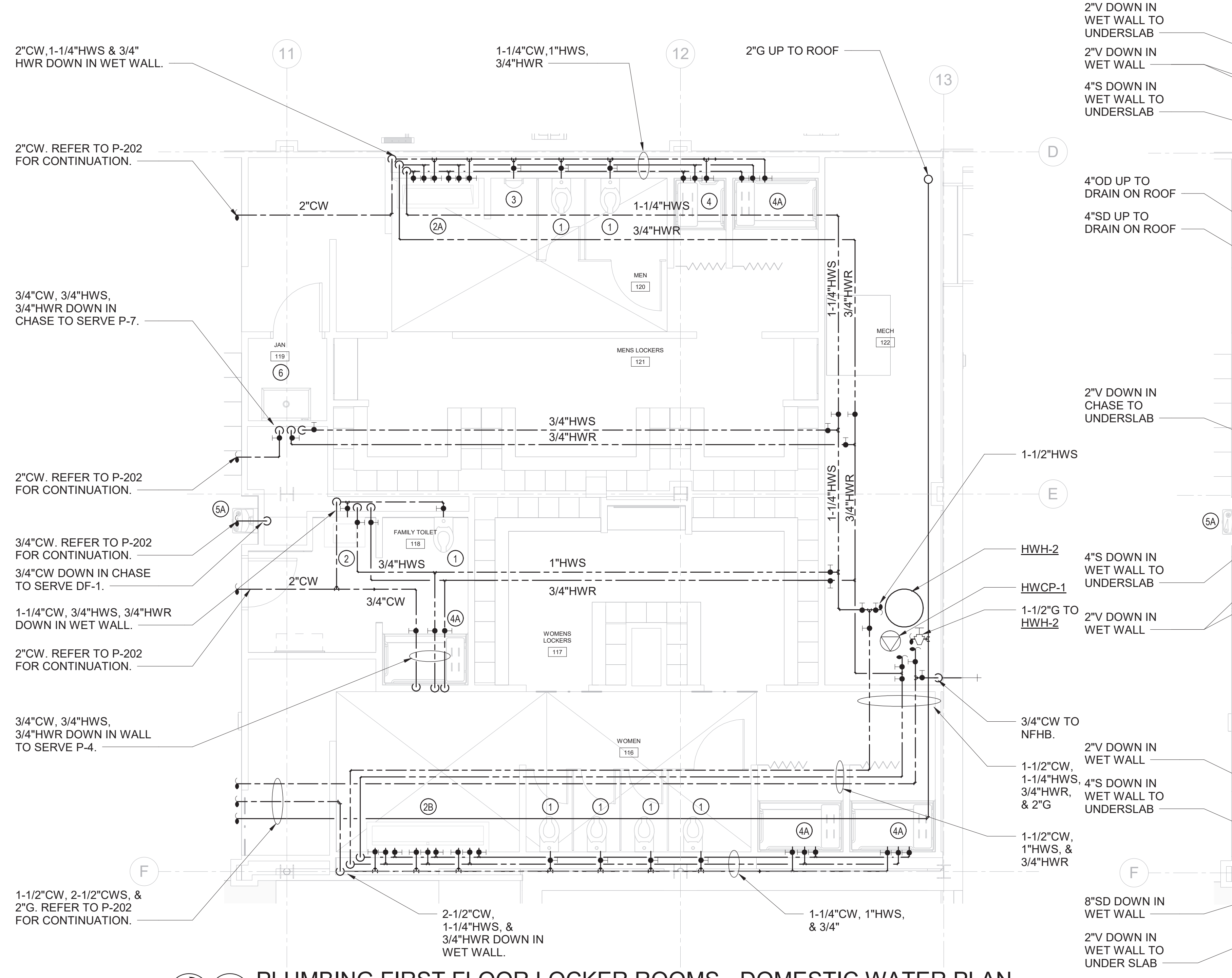
4 PLUMBING MEN 110 & WOMEN 109 - SANITARY PLAN
SCALE: 1/4" = 1'-0"



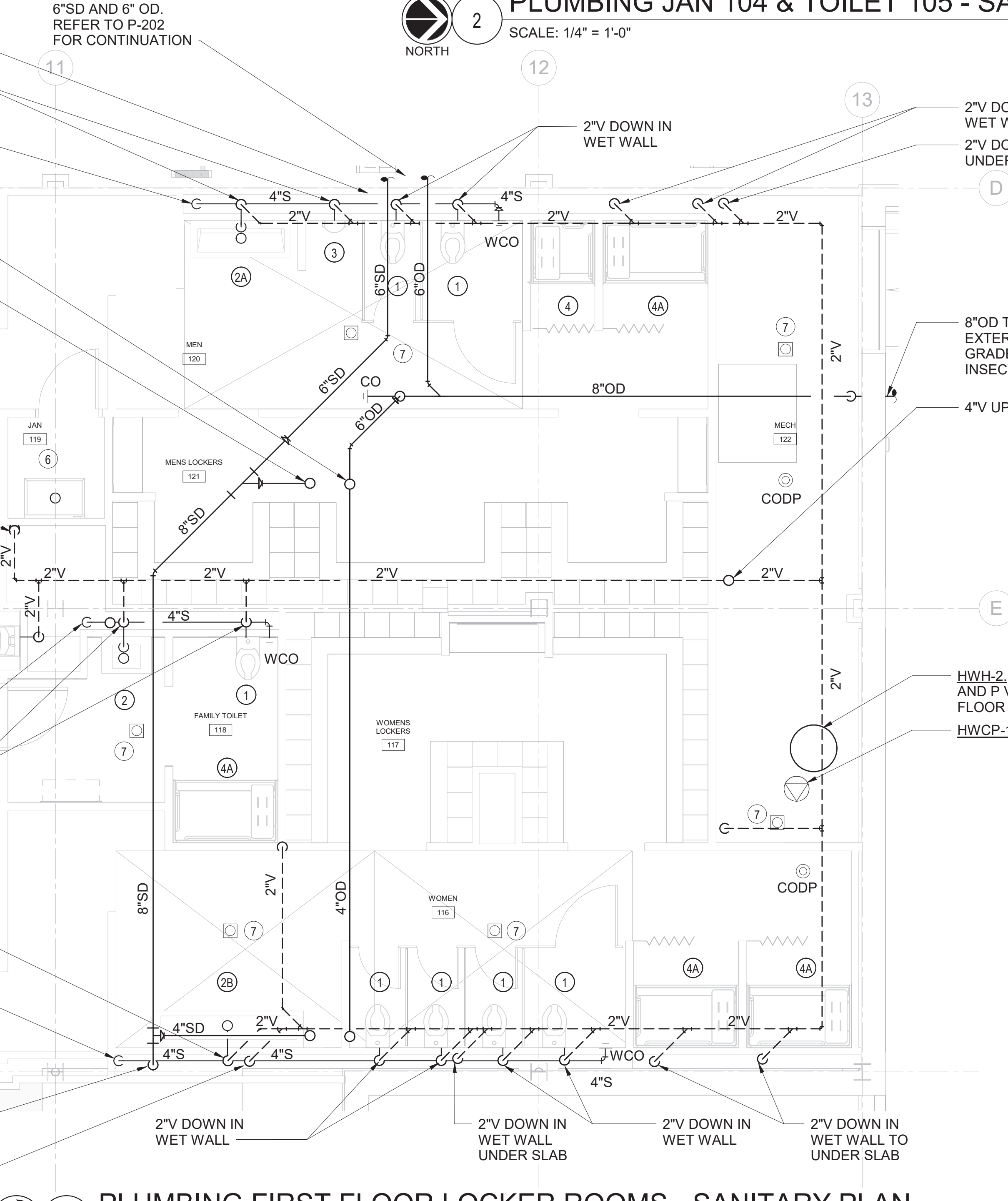
3 PLUMBING JAN 104 & TOILET 105 - DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



2 PLUMBING JAN 104 & TOILET 105 - SANITARY PLAN
SCALE: 1/4" = 1'-0"



5 PLUMBING FIRST FLOOR LOCKER ROOMS - DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



1 PLUMBING FIRST FLOOR LOCKER ROOMS - SANITARY PLAN
SCALE: 1/4" = 1'-0"

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528



KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM



CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED ON REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF HARRISON RECREATION & COMMUNITY CENTER, INC. (HRC) AND ARE NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF HRC.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERNATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL SEAL, IS A VIOLATION OF TITLE V.E. SECT. 60.3 (b) OF NEW YORK STATE LAW. COPYRIGHT 2024, HARRISON RECREATION & COMMUNITY CENTER, INC. ALL RIGHTS RESERVED.

Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	09/01/2023	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

No. Date Issue

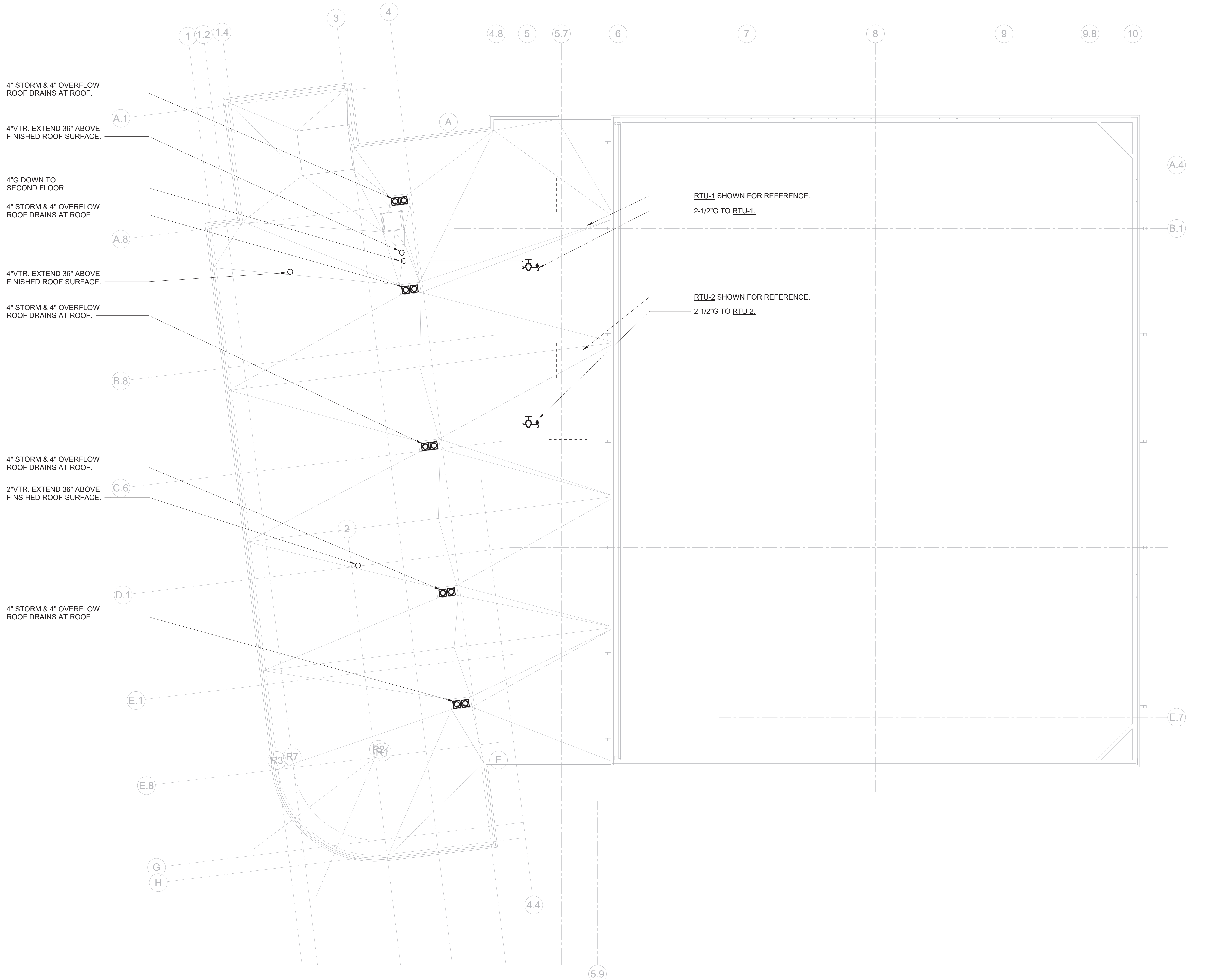
Sheet Title

PLUMBING ROOF
PLAN

Job No.	Date
NKGD0207.00	02/16/2024
Scale	Drawn / Checked
AS NOTED	HM / RG

Sheet Number

P-204



1

PLUMBING ROOF PLAN

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

New Construction - Phase :
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P: 914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAELER, WAGNER & DAVIDSON ARCHITECTS, PC (K+D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS ARE TO BE REPRODUCED OR COPIED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF K+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS BEFORE USE OR DISCREPANCY. BEFORE SHOP DETAILS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, SHALL BE PROHIBITED. ANY VIOLATION OF THIS PROHIBITION OF VIOLATION OF TITLE VIL SECT. 60.5 (3) OF THE NEW YORK STATE LAW.
COPYRIGHT KAELE, WAGNER & DAVIDSON ARCHITECTS & ENGINEERS, P.C.

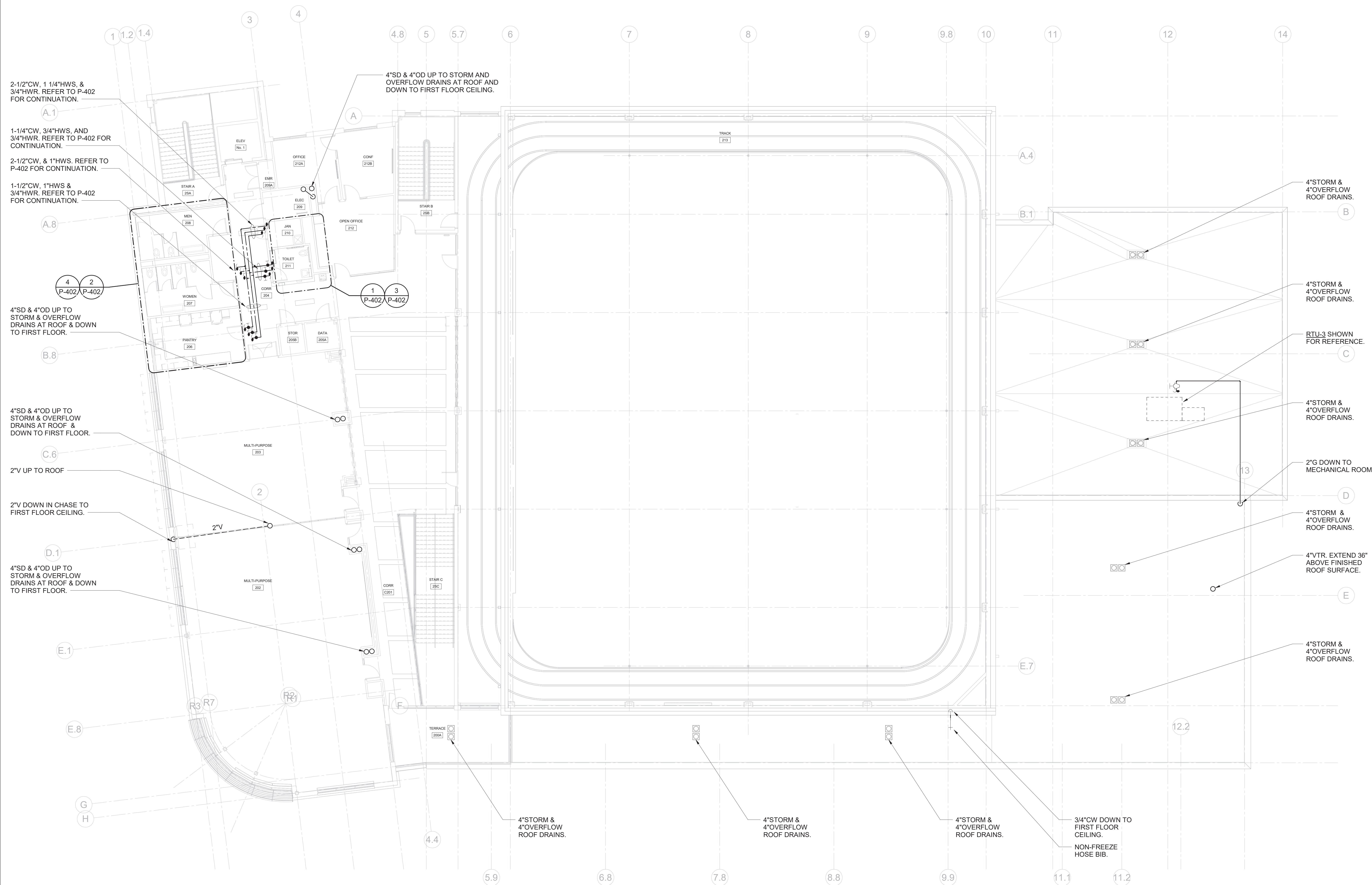
Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT
No.	Drawn	

PLUMBING SECOND FLOOR PLAN

Job No. NKGD0207.00	Date 01/24/2024
Scale AS NOTED	Drawn / Checked HM / RG

Sheet Number
P-203



PLUMBING SECOND FLOOR PLAN

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

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL, DESIGN, ARRANGEMENTS AND PLANS INDICATED ON
REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF
ANY OTHER CURRENT & FUTURE ARCHITECTS, PC (KG+D), AND HEREIN GRANTED
FOR USE ON THIS PROJECT. NONE OF SUCH IDEAL, DESIGN, ARRANGEMENTS
OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER
WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER
SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS
AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY
VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST
BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH
FABRICATION.

ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS
DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED
ARCHITECT, ENGINEER, PROFESSIONAL SEAL, IS A VIOLATION OF THE
OF TITLE VIL SECT. 66-5 (a) OF NEW YORK STATE LAW.
COPYRIGHT 2024, HARRISON RECREATION & COMMUNITY CENTER, PC
ALL RIGHTS RESERVED.

Professional Seal

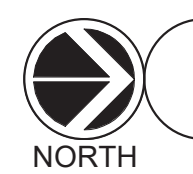
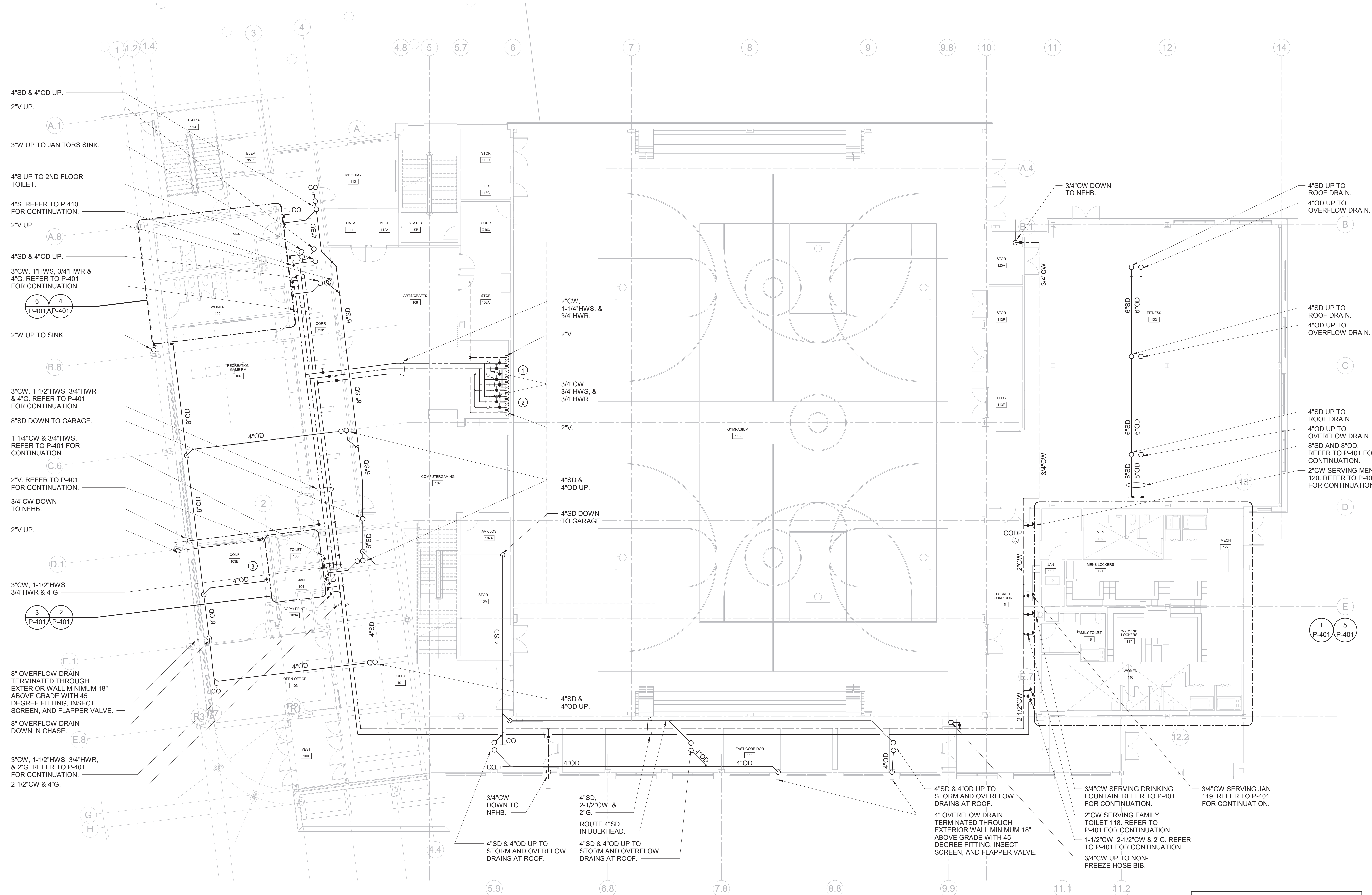
PLUMBING FIRST
FLOOR PLAN

Job No. NKGD0207.00 Date 02/16/2024

Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

P-202



PLUMBING FIRST FLOOR PLAN

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

NEW WORK KEY NOTES

- 1 SINK P-5. PROVIDE (2) 3/4"CW, (2) 3/4"HWR, (1) 2"W, AND (1) 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL
- 2 SINK P-6. PROVIDE 3/4"CW, 3/4"HWR, 2"W, AND 2"V. PROVIDE SHUT-OFF VALVES. TYPICAL
- 3 COFFEE MAKER CM-1. PROVIDE 3/4"CW, PROVIDE SHUT-OFF VALVE AND BACKFLOW PREVENTER.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build
KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL DESIGN ARRANGEMENTS AND PLANS INDICATED ON REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF HARRISON RECREATION & COMMUNITY CENTER. ANY REUSE OR REPRODUCTION FOR USE ON THIS PROJECT WITHOUT THE WRITTEN PERMISSION OF HARRISON RECREATION & COMMUNITY CENTER IS A VIOLATION OF TITLE VII, SECTION 87(2)(b) OF THE NEW YORK STATE LAW. COPYRIGHT 2024 HARRISON RECREATION & COMMUNITY CENTER. ALL RIGHTS RESERVED.

Professional Seal

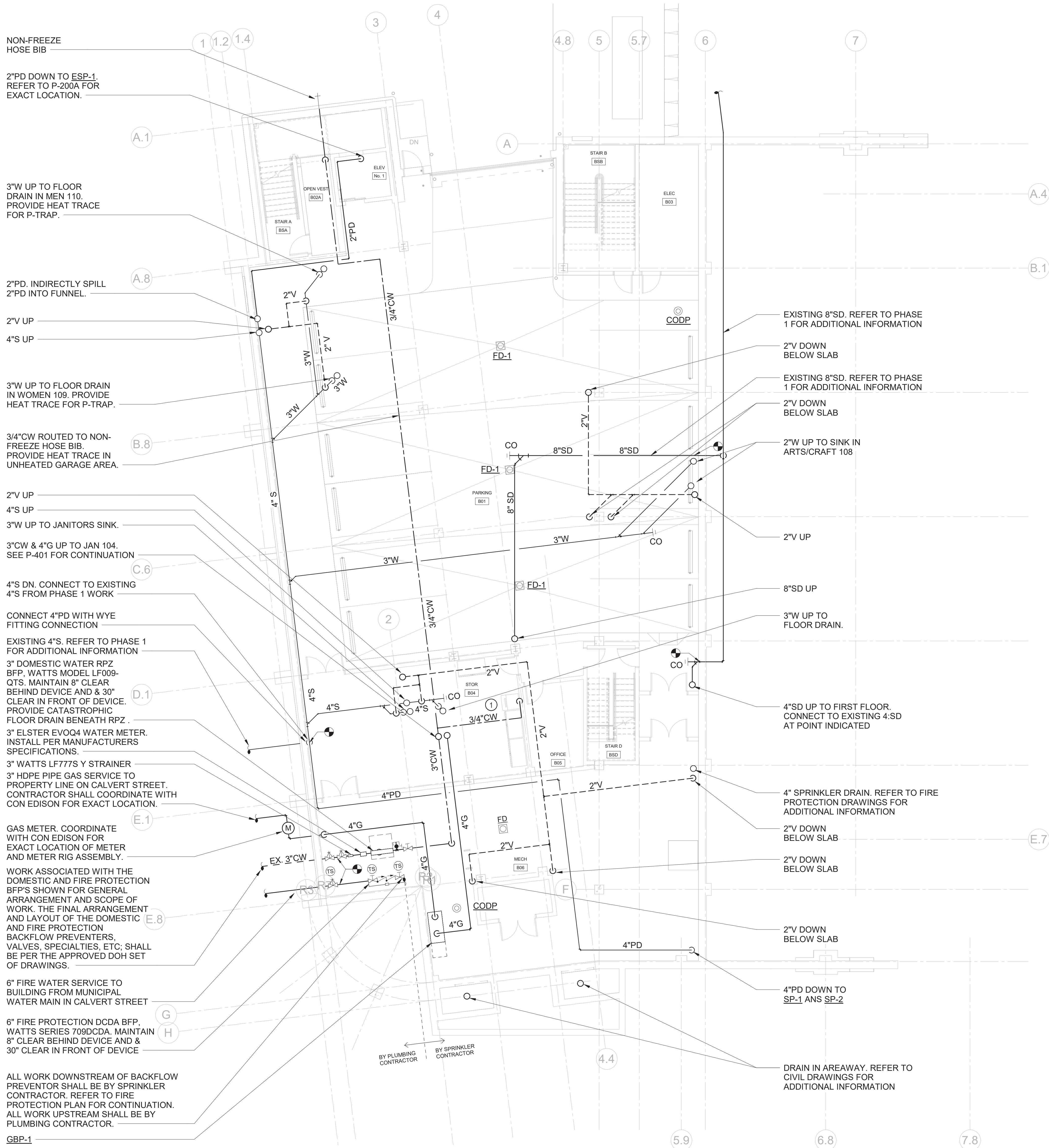
4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	09/01/2023	DESIGN DEVELOPMENT
1	03/13/2020	50% DESIGN DEVELOPMENT

PLUMBING
PARKING FLOOR
PLAN

Job No. NKGD2027.00 Date 02/16/2024
Scale AS NOTED Drawn / Checked HM / RG

Sheet Number

P-201



1

PLUMBING PARKING FLOOR PLAN

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

NEW WORK KEY NOTES

1 ICE MACHINE IM: PROVIDE 3/4" CW. PROVIDE SHUT-OFF VALVE.

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
5 MAIN STREET • MOUNT KISCO, NEW YORK 10549
914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers

50 Broadway,
Hawthorne, NY 10532
914.747.2800

8 West 38th Street,
Suite 601
New York, NY 10018
646.849.4110

olace.com

CONSTRUCTION DOCUMENTS

Key Plan

E. ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED IN THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF DYER, GARMENT & DIVISION ARCHITECTS & ENGINEERS, P.C. (G+D), AND WERE CREATED USE ON THIS PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF G+D.

F. TEN DIMENSIONS ON THIS DRAWINGS SHALL HAVE PRECEDENCE OVER OTHER DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS FOR CONFORMANCE WITH THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE LIMITED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

G. REPRODUCTIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM CONTAINED ON THIS UNLESS ACTION UNDER THE AFFECTED OF THE LICENCED ARCHITECT WITHOUT PROFESSIONAL SEAL IS DEFINED HERETO, AS A VIOLATION OF TITLE 16, CHAPTER 8 OF NEW YORK STATE LAW.

H. DRYMEX KAEFER, GARMENT + DIVISION ARCHITECTS & ENGINEERS, P.C. RIGHTS RESERVED.

Professional Seal

06/05/2024	ISSUED FOR BID
01/16/2024	ISSUED FOR PERMIT
06/01/2020	DESIGN DEVELOPMENT
03/31/2020	50% DESIGN DEVELOPMENT
Date	Issue

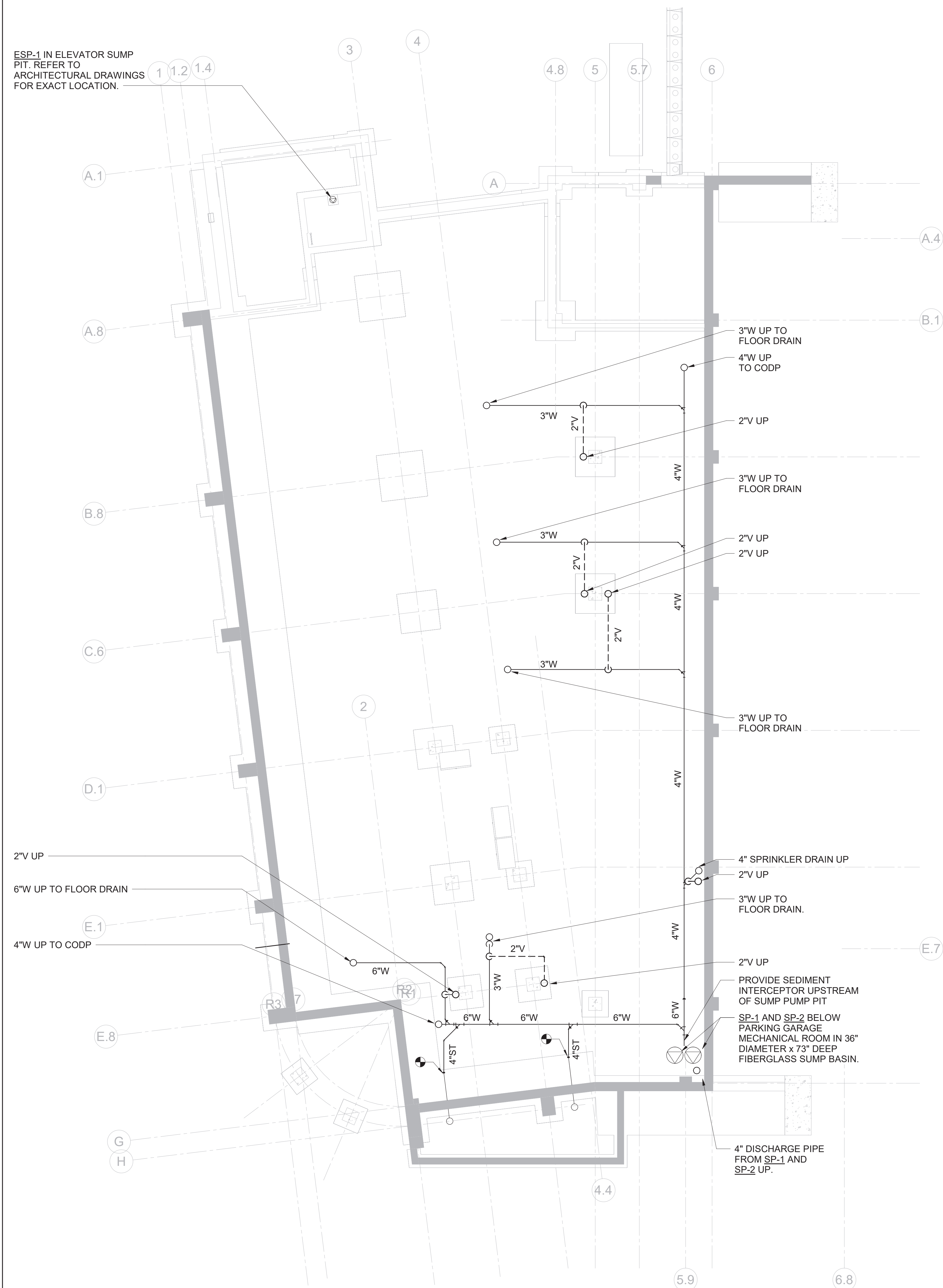
Sheet Title

PLUMBING
MARKING FLOOR &
FIRST FLOOR
SLAB PLAN

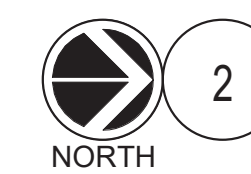
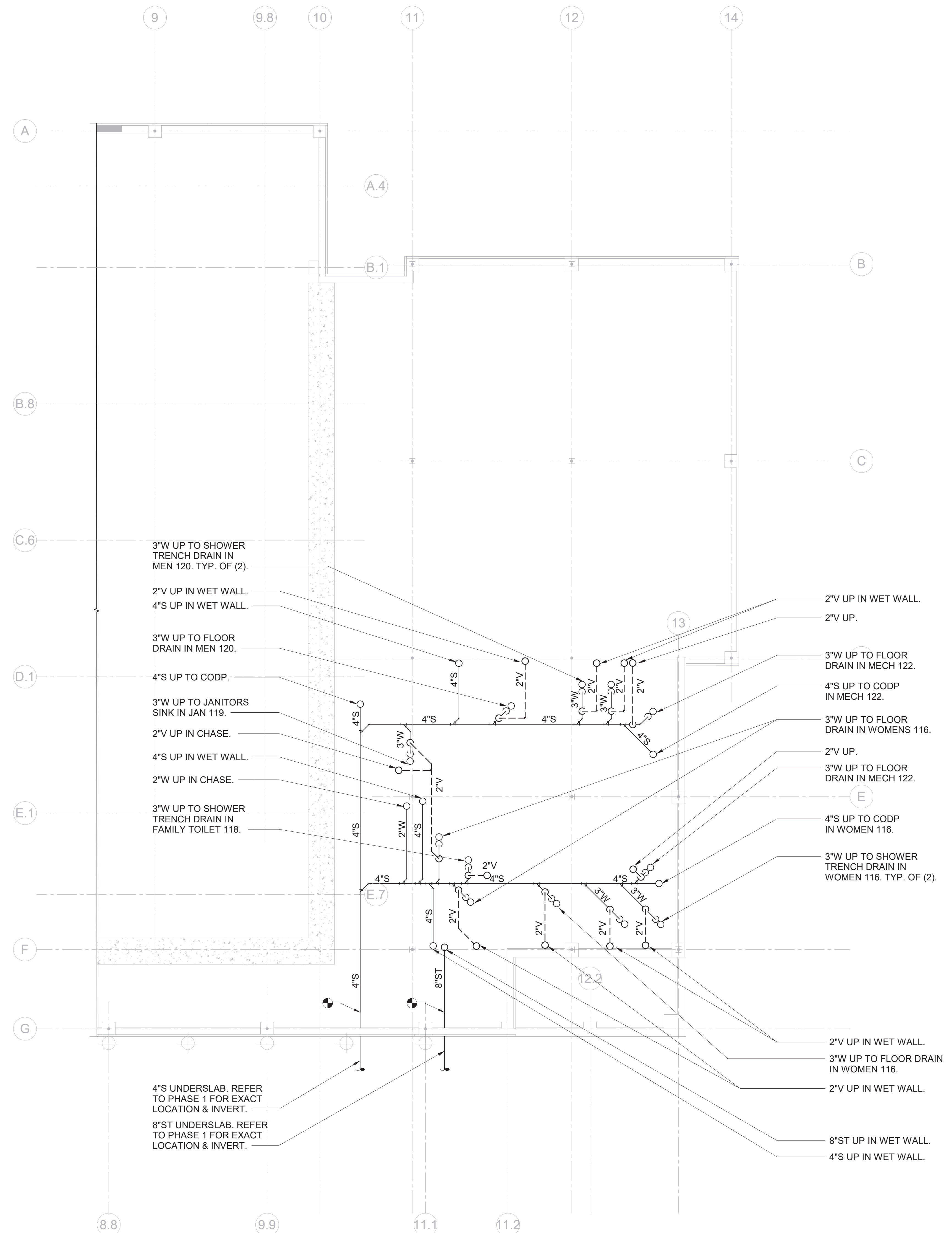
Job No. NKGD0207.00	Date 02/16/2024
Scale AS NOTED	Drawn / Checked HM / RG

Sheet Number

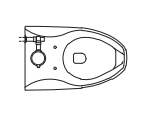
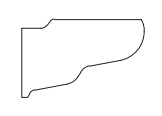
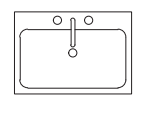
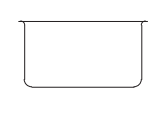
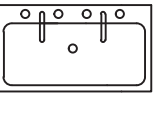
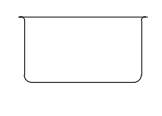
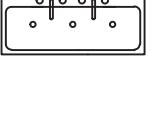

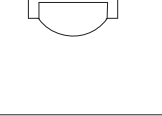
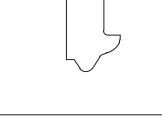
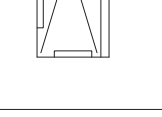
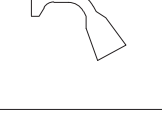

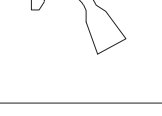
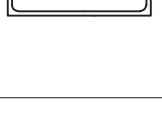
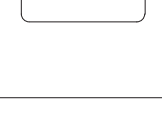
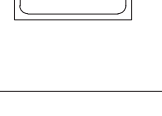

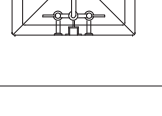





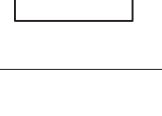
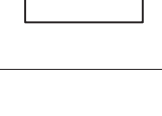
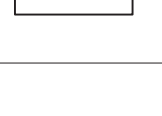
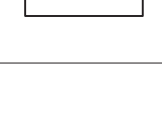

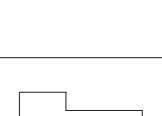






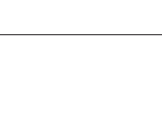
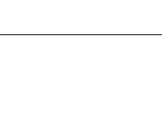


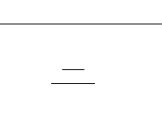
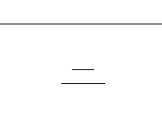
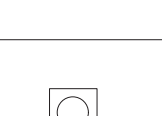
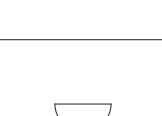

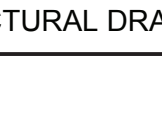


P-200A

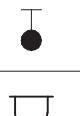
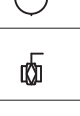

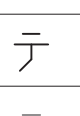
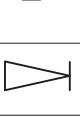


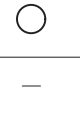

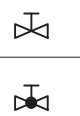

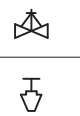
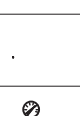





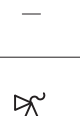




PLUMBING PARKING FLOOR SLAB PLAN



PLUMBING FIRST FLOOR SLAB PLAN

PLUMBING FIXTURE SCHEDULE									
TAG	SYMBOLS		FIXTURES	PLUMBING CONNECTIONS				DESCRIPTION	
	PLAN	ELEVATION		WASTE	VENT	COLD WATER	HOT WATER		
P-1			WATER CLOSET WALL-MOUNT	4"	2"	1 1/4"	-	MANUFACTURER: AMERICAN STANDARD MODEL: AFWALL ELONGATED TOILET LESS EVERCLEAN 1.6 GPF FLUSH VALVE, WALL MOUNTED TOILET, WITH ELONGATED BOWL, VITREOUS CHINA, WITH EVERCLEAN. 1 1/2" INLET SPUD, 2 1/2" TRAPWAY, 10 1/2" WATER SURFACE AREA FLUSH VALVE: AMERICAN STANDARD SELECTRONIC #6065.161.002 BATTERY POWER (TOP SPUD) RECESSED WALL MOUNT TYPE PROVIDE WALL CARRIER	
P-2			LAVATORY WALL HUNG	2"	2"	3/4"	3/4"	MANUFACTURER: SLOAN SOLID SURFACE 1-STATION WALL MOUNTED SINK MODEL: ELGR-81000 SLOANSTONE SOLID SURFACE, DOUBLE HOLE FAUCET; MODEL: REFER TO ARCHITECTURAL PLANS	
P-2A			LAVATORY WALL HUNG	2"	2"	3/4"	3/4"	MANUFACTURER: SLOAN SOLID SURFACE 2-STATION WALL MOUNTED SINK MODEL: ELGR-82000 SLOANSTONE SOLID SURFACE, DOUBLE HOLE FAUCET; MODEL: REFER TO ARCHITECTURAL PLANS	
P-2B			LAVATORY WALL HUNG	2"	2"	3/4"	3/4"	MANUFACTURER: SLOAN MODEL: ELGR-83000 SLOANSTONE SOLID SURFACE, TRIPLE HOLE FAUCET; MODEL: REFER TO ARCHITECTURAL PLANS	
P-3			URINAL	3"	2"	3/4"	-	MANUFACTURER: AMERICAN STANDARD MODEL: 6002.001 TOP SPUD HIGH EFFICIENCY URINAL 0.125 GPF, VITREOUS CHINA, 3/4" INLET SPUD, OUTLET CONNECTION 2" THREADED INSIDE. FLUSH VALVE: MODEL: 60R5013.002, 0.125 GPF EXPOSED TOP SPUD RECESSED WALL MOUNT TYPE S ELECTRONIC URINAL FLUSH VALVE, 20 PSI (FLOWING), 80 PSI (STATIC) OPERATING PRESSURE, 10 GPM FLOW REQUIREMENT PROVIDE WALL CARRIER	
P-4			SHOWER (ADA)	3"	2"	3/4"	3/4"	MANUFACTURER: BEST BATH SYSTEMS MODEL: 4LSS24038A75FTB V3" 38.25"x40.5"x80.5" SHOWER, FIBERGLASS NOTES: INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ADA GUIDELINES. PROVIDE MOEN HANDHELD KIT KACXMOAN1001 OR APPROVED EQUIVALENT.	
P-4A			SHOWER (ADA)	3"	2"	3/4"	3/4"	MANUFACTURER: BEST BATH SYSTEMS MODEL: 4LSS26337A75FTB V3" 38.5"x63"x80.5" SHOWER, FIBERGLASS NOTES: INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ADA GUIDELINES. PROVIDE MOEN HANDHELD KIT KACXMOAN1001 OR APPROVED EQUIVALENT.	
P-5			ART ROOM SINK	2"	2"	3/4"	3/4"	MANUFACTURER: ELKAY MODEL: EYMA4820C 304 STAINLESS STEEL WALL HUNG MULTIPLE STATION HAND WASH SINK. INCLUDE SOLIDS INTERCEPTOR AT DRAIN.	
P-6			SINK (ADA)	2"	2"	3/4"	3/4"	MANUFACTURER: ELKAY MODEL: LRAD221955 FAUCET; MAKE: ELKAY MODEL: LK406GN05T4 304 STAINLESS STEEL DROP IN ADA SINK. FAUCET SHALL BE BRASS MATERIAL, & DOUBLE HOLE WITH A FLOW RATE OF 1.5 GPM. INCLUDE SOLIDS INTERCEPTOR AT DRAIN.	
P-7			JANITOR'S SINK	3"	2"	3/4"	3/4"	MANUFACTURER: ZURN MODEL: Z2550 FAUCET; ZURN SINK FAUCET ZB43M1-XL ENAMELED CAST IRON CORNER FLOOR SINK WITH 28x28x8 BOWL, 3" DRAIN WITH DRAIN GRID	
CM			COFFEE MAKER	-	-	3/4"	-	MANUFACTURER: CURTIS MODEL: ALPHA G3 AUTOMATIC COFFEE BREWING SYSTEM SHALL BE ABLE TO BREW 12 GAL/Hr. ELECTRICAL: 120/160, 1800 WATTS, 15 AMPS	
CM-1			COFFEE MAKER	-	-	3/4"	-	MANUFACTURER: KEURIG MODEL: KEURIG K-2500 PLUMBED COMMERCIAL COFFEE MAKER ELECTRICAL: 120/160, 1800 WATTS, 12 AMPS	
IM			ICE MACHINE	-	-	3/4"	-	MANUFACTURER: AVANTCO ICE MACHINES MODEL: KMC-H-530-A 30" AIR COOLED MODULAR HALF CUBE ICE MACHINE WITH BIN - 500LB. ICE MAKER WITH BIN. SHALL BE ABLE TO PRODUCE 500 LBS/DAY AT 90°F. 350 LB BIN STORAGE CAPACITY. ELECTRICAL: 115/160, 9.4 AMPS	
IM-1			ICE MACHINE	-	-	3/4"	-	MANUFACTURER: AVANTCO ICE MACHINES MODEL: LUC-A-19" AIR COOLED UNDERCOUNTER FULL CUBE ICE MACHINE - 129LB. ICE MAKER WITH BIN. SHALL BE ABLE TO PRODUCE 129 LBS/DAY AT 90°F. 40 LB BIN STORAGE CAPACITY. ELECTRICAL: 115/160, 5 AMPS	
DW			DISHWASHER	1-3/8"	-	-	1/2"	MANUFACTURER: JACKSON WAREWASHING SYSTEMS MODEL: DISHSTAR HT-E UNDERCOUNTER DISHWASHER, HIGH TEMPERATURE SANITIZING, 27 RACKS PER HOUR CAPACITY, 100 SECOND CYCLE, BOTTOM MOUNTED CONTROLS WITH STAINLESS STEEL TOP AND SIDE PANELS, AND BUILT IN BOOSTER HEATER, 180°F FINAL RINSE WATER, ELECTRICAL: 208/60/1	
DF			DRINKING FOUNTAIN	2"	2"	3/4"	-	MANUFACTURER: ELKAY MODEL: LEST18WSLK 62x20 BOTTLE FILLING STATION AND 8 1/2-LEVEL ADA COOLER FILTERED REFRIGERATED LIGHT GRAY, 8.0 GPH OF 50°F DRINKING WATER BASED ON 80°F INLET WATER AND 90°F AMBIENT MODEM: V/PHz: 115/160, FLA=6	
DF-1			DRINKING FOUNTAIN	2"	2"	3/4"	-	MANUFACTURER: ELKAY MODEL: L258WSLK 62x20 BOTTLE FILLING STATION WITH SINGLE ADA COOLER FILTERED REFRIGERATED LIGHT GRAY, 8.0 GPH OF 50°F DRINKING WATER BASED ON 80°F INLET WATER AND 90°F AMBIENT MODEM: V/PHz: 115/160, FLA=6	
FD			FLOOR DRAIN	3"	2"	-	-	FLOOR DRAIN, MAKE: JR SMITH MODEL: 2110 MEDIUM DUTY DRAIN, 8.5" ROUND TOP, STRAINER. PROVIDE TRAP SEAL.	
FD-1			PARKING GARAGE FLOOR DRAIN	3"	2"	-	-	WADE #W-1210-27 WITH CAST IRON BODY, CAST IRON DRAINAGE FLANGE, SEDIMENT BUCKET, FLASHING COLLAR, 12" ROUND HEAVY DUTY CAST IRON GRATE, PROVIDE TQ-1 FOR EACH FD.	
NFHB			NON FREEZE HOSE-BIB	-	-	-	-	HOSE BIB; MAKE: WOODFORD MODEL: 65 ANTI-SIPHON PROTECTED AUTOMATIC DRAINING FREEZELESS WALL HYDRANT WITH INTEGRAL VACUUM BREAKER	
COPD			CLEANOUT DECK PLATE	-	-	-	-	FLOOR CLEANOUT WITH ADJUSTABLE HEAD, ANCHOR FLANGE, CUT-OF SECTIONS AND ROUND SCORIATED NICKEL-BRONZE TOP. WADE #W-6000 OR APPROVED EQUAL. PROVIDE HEAVY DUTY CAST IRON TOP FOR MECHANICAL ROOMS. CODP IN GARAGE ROOM TO BE RATED FOR VEHICULAR TRAFFIC.	
WCO			WALL CLEANOUT	-	-	-	-	WALL CLEANOUT WITH CLEANOUT TEE AND CHROME PLATED BRONZE SQUARE ACCESS COVER AND FRAME. WADE #W-8480 OR APPROVED EQUAL.	
RD-1			ROOF DRAIN	4"	2"	2	-	JOSAM 21500 4" SERIES COATED CAST IRON ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, WEJOC NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.	
OD-1			ROOF DRAIN	4"	2"	2	-	JOSAM 21500 4" 16 SERIES COATED CAST IRON ROOF DRAIN, LARGE POLYPROPYLENE LOCKING DOME, WEJOC NON-PUNCTURING CLAMP RING WITH INTEGRAL GRAVEL STOP, INTERNAL WATER GUARD FOR OVERFLOW, LARGE SUMP WITH WIDE ROOF FLANGE AND BOTTOM OUTLET.	
NOTES: 1.) REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE QUANTITY, LOCATIONS, & MOUNTING HEIGHTS.									

SYMBOLS AND ABBREVIATIONS		
SYMBOL	ABBREVIATION	DESCRIPTION
—	AFF	ABOVE FINISHED FLOOR
—	AHC	ABOVE HUNG CEILING
—	BFP	BACK FLOW PREVENTOR
	—	BALL VALVE
	—	BASKET STRAINER
	—	BUTTERFLY VALVE
	—	CHECK VALVE
	—	CIRCUIT SETTER
	CODP	CLEAN OUT DECK PLATE
—	CW	COLD WATER
	—	CONCENTRIC REDUCER
—	DCV	DOUBLE CHECK VALVE - BFP
	—	ECCENTRIC REDUCER
—	—	ELBOW DOWN
—	—	ELBOW UP
—	DEM.	EXISTING TO BE REMOVED
—	EX.	EXISTING TO REMAIN
	—	FLEXIBLE CONNECTION
—	FCO	FLOOR CLEAN OUT
—	FS	FLOOR SINK
—	—	FLOW ARROW
—	FAI	FRESH AIR INTAKE
	—	GATE VALVE
	—	GLOBE VALVE
—	HW	HOT WATER
—	HW HTR	HOT WATER HEATER
—	HWC	HOT WATER RECIRCULATION
—	LDR	LEADER
—	—	MANUAL AIR VENT
—	NEW	NEW WORK
	—	OS&Y GATE VALVE
	—	PLUG VALVE
—	—	PIPE CAP
	—	PRESSURE GAGE
	—	PRESSURE REDUCING VALVE
	—	PUMP
—	PD	PUMP DISCHARGE
—	RPZ	REDUCED PRESSURE ZONE - BFP
—	REL.	REMOVE AND RELOCATE
—	S	SANITARY
	—	SOLENOID VALVE
	—	STRAINER
—	SD	STORM DRAINAGE
—	—	TEE DOWN
—	—	TEE UP
	—	THERMOMETER
—	TYP.	TYPICAL
	—	T&P RELIEF VALVE
	—	UNION
—	V	VENT
—	VTR	VENT THROUGH ROOF
—	WCO	WALL CLEAN OUT
—	W	WASTE LINE
NOTE: FOR REFERENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED IN THIS PROJECT.		
PLUMBING MATERIALS		
1. ALL PIPING BURIED BELOW THE GARAGE SLAB SHALL BE HIGH PERFORMANCE HUB & SPIGOT SERVICE WEIGHT CAST IRON CHARLOTTE PIPE "EDGE HP IRON" ATSM A74, CISPI TM/NSF, EN 877 COMPRESSION GASKETS ASTM C564 OR LEAD & OAKUM. REFER TO SPECIFICATIONS 221316		
GENERAL NOTES		
1. THE CONTRACT DRAWINGS INDICATE THE EXTENT AND GENERAL ARRANGEMENTS OF THE PLUMBING SYSTEMS. IF ANY DEPARTURES FROM THE DRAWINGS ARE DEEMED NECESSARY BY THE PLUMBING CONTRACTOR, DETAILS OF SUCH DEPARTURES AND THE REASONS THEREFORE SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR APPROVAL. NO SUCH DEPARTURES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND ENGINEER. EQUIPMENT AND PIPING ARRANGEMENTS SHALL PROVIDE ADEQUATE AND ACCEPTABLE CLEARANCES FOR ENTRY, SERVICING, AND MAINTENANCE. ANY CHANGES TO PIPING AND EQUIPMENT LOCATIONS NECESSARY TO AVOID INTERFERENCE WITH OTHER TRADES SHALL BE MADE AT NO EXTRA COST.		
2. THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE PREVAILING NEW YORK STATE PLUMBING AND BUILDING CODES. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.		
3. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.		
4. CONNECTIONS TO EXISTING UTILITIES AND SERVICES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, INVERT ELEVATIONS, AND SIZES OF EXISTING PLUMBING SERVICES IN FIELD, AND SHALL CONNECT NEW PLUMBING SERVICES AS INDICATED ON DRAWINGS.		
5. PRIOR TO FABRICATION, THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB SITE, AND COORDINATE THIS WORK WITH THE WORK OF ALL OTHER TRADES.		
6. ALL ACCESS PANELS SHALL BE BY GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION.		

GENERAL NOTES	
7. PROVIDE ALL PLUMBING FIXTURES, PIPING, VALVES AND ACCESSORY ITEMS AS SPECIFIED AND AS REQUIRED FOR A COMPLETE INSTALLATION. ROUGHING DIMENSIONS OF FIXTURES MUST BE COORDINATED WITH THE GENERAL CONTRACTOR.	
8. PITCH ALL WASTE, SANITARY, AND STORM DRAIN PIPING AT MAXIMUM SLOPE POSSIBLE, BUT NOT LESS THAN 1/8" PER FOOT FOR PIPING ≥ 3" AND 1/4" PER FOOT FOR PIPING ≤ 2 1/2".	
9. NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.	
10. PROVIDE DIELECTRIC FITTINGS OR COUPLINGS WHEREVER DISSIMILAR METALS ARE JOINED.	
11. PROVIDE SHUTOFF VALVES AT ALL FIXTURES AND EQUIPMENT ON COLD WATER, AND HOT WATER PIPES.	
12. ALL WORK SHALL BE PROPERLY TESTED, BALANCED, AND CLEANED AND DISINFECTED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.	
13. PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES. FOR PIPES PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH FIRE STOPPING MATERIAL. PENETRATIONS FOR PIPING SHALL BE MADE BY CORE DRILLING WHENEVER POSSIBLE.	
14. PROVIDE TRAP SEAL PRIMERS FOR FLOOR DRAINS AS REQUIRED. INSTALL THE PRIMER VALVE IN THE COLD WATER SERVICE, WITH THE TRAP CONNECTION PIPED TO THE FLOOR DRAIN TRAP. LOCATE THE VALVE IN AN ACCESSIBLE LOCATION.	
15. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, CORE DRILLING, PAINTING, ACCESS PANELS, AND FINAL RESTORATION REQUIRED TO FACILITATE THE INSTALLATION OF PLUMBING PIPING, INCLUDING ABOVE CEILINGS AND IN SHAFTS THAT WILL NOT BE REPLACED OR OPENED UNDER ANY OTHER SCOPE OF WORK RELATED TO THIS PROJECT. CONTRACTOR TO REMOVE AND REPLACE CEILINGS, AND OPEN AND PATCH SHAFTS AND WALLS, AS REQUIRED TO EXECUTE THE PLUMBING WORK.	
16. SEE THE ARCHITECTURAL DRAWINGS FOR EXACT PHASING AND TIME SCHEDULE FOR CONSTRUCTION.	
17. ALL MOTOR STARTERS AND DISCONNECT SWITCHES FOR PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. DISCONNECT SWITCHES FURNISHED BY THE PLUMBING CONTRACTOR FOR PLUMBING EQUIPMENT SHALL BE HEAVY DUTY TYPE.	
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY VENTILATION AND EXHAUST AIR WHEN WELDING OR SOLDERING OPERATIONS ARE PERFORMED, AS REQUIRED BY OSHA.	
EQUIPMENT NOTES	
1. NATURAL GAS-FIRED DOMESTIC HOT WATER HEATER, (HWH-1): SHALL BE BASED ON AO SMITH MODEL BTH-120 MXI, RATED FOR 138 GPH @ 100° RISE, GAS FIRED, 120,000 BTUH INPUT CAPACITY. THERMAL EFFICIENCY = 95.8%	
2. NATURAL GAS-FIRED DOMESTIC HOT WATER HEATER, (HWH-2): SHALL BE BASED ON AO SMITH MODEL BTH-150 MXI, RATED FOR 178 GPH @ 100° RISE, GAS FIRED, 150,000 BTUH INPUT CAPACITY. THERMAL EFFICIENCY = 98.8%	
3. NATURAL GAS-FIRED DOMESTIC HOT WATER HEATER, (HWH-3): SHALL BE BASED ON AO SMITH MODEL BTH-120 MXI, RATED FOR 138 GPH @ 100° RISE, GAS FIRED, 120,000 BTUH INPUT CAPACITY. THERMAL EFFICIENCY = 95.8%	
4. ELEVATOR SUMP PUMP, (ESP-1), TO BE BASED ON STANCOR MODEL SE50 PUMP, 0.5 HP, 115V-1 PHASE-60 HERTZ, 8 FLA, 55 GPM @ 20 FEET HEAD AND 3450 RPM, 40A LOCKED ROTOR AMPS, 33 FEET MAX. SUBMERGENCE. PROVIDE STANCOR CHECK VALVE WITH EACH PUMP. PROVIDE OIL MINDER CONTROL SYSTEM FOR EACH PUMP WITH BUILT IN AUDIBLE AND VISUAL ALARM WHEN PUMP DOES NOT RUN DUE TO OIL IN PIT OR HIGH LIQUID ALARM. PROVIDE SILENCING BUTTON FOR AUDIBLE ALARM BUILT INTO PANEL. PANEL SHALL HAVE ADDITIONAL CONTACT FOR A REMOTE ALARM LOCATION. PROVIDE JUNCTION BOX WITH MULTI PIN CONNECTOR AND CORD LENGTHS AS REQUIRED. PANEL TO HAVE INDICATOR LIGHTS FOR OIL SPILL, HIGH LIQUID LEVEL, OVERLOAD AND PUMP RUN. CONTROL PANEL ENCLOSURE TO BE NEMA4X WATERTIGHT CORROSION RESISTANT FIBERGLASS.	
5. SUMP PUMP, (SP-1) AND (SP-2), TO BE BASED ON STANCOR MODEL SV500 PUMP, 5 HP, 208V-3 PHASE-60 HERTZ, 16.6 FLA, 210 GPM @ 35 FEET HEAD AND 3450 RPM, 83A LOCKED ROTOR AMPS, 33 FEET MAX. SUBMERGENCE. PROVIDE STANCOR CHECK VALVE WITH EACH PUMP. PROVIDE OIL MINDER CONTROL SYSTEM FOR EACH PUMP WITH BUILT IN AUDIBLE AND VISUAL ALARM WHEN PUMP DOES NOT RUN DUE TO OIL IN PIT OR HIGH LIQUID ALARM. PROVIDE SILENCING BUTTON FOR AUDIBLE ALARM BUILT INTO PANEL. PANEL SHALL HAVE ADDITIONAL CONTACT FOR A REMOTE ALARM LOCATION. PROVIDE JUNCTION BOX WITH MULTI PIN CONNECTOR AND CORD LENGTHS AS REQUIRED. PANEL TO HAVE INDICATOR LIGHTS FOR OIL SPILL, HIGH LIQUID LEVEL, OVERLOAD AND PUMP RUN. CONTROL PANEL ENCLOSURE TO BE NEMA4X WATERTIGHT CORROSION RESISTANT FIBERGLASS.	
6. LD-1 SPOT TYPE LEAK DETECTORS SHALL BE LIEBERT MODEL LT-410. PROVIDE 100 WATT LOW-VOLTAGE TRANSFORMER. PROVIDE CONNECTION TO BMS FOR LD ALARM.	
7. DOMESTIC HOT WATER HEATER RECIRCULATION PUMP, (HWCP-1): SHALL BE BASED ON BELL AND GOSSETT MODEL PL-55 RATED FOR 1.6 GPM AT 40' TDH, 2/5 HP, 120/180HZ. MOTOR STARTERS AND DISCONNECT SWITCHES SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.	
8. 3" DOMESTIC WATER BACKFLOW PREVENTION ASSEMBLY: SHALL BE WATTS MODEL LF009 LEAD FREE REDUCED PRESSURE ZONE BACKFLOW PREVENTER. ASSEMBLY SHALL BE SUITABLE FOR PRESSURES UP TO 175 PSI AND TEMPERATURES UP TO 110°F. THE ASSEMBLY SHALL INCLUDE TWO RESILIENT OS&Y SEATED SHUTOFF VALVES AND FOUR BALL TYPE TEST COCKS. THE 3" DOMESTIC WATER BACKFLOW PREVENTER SHALL BE PROVIDED WITH WATTS AIR GAP / SPLASH GUARD.	
9. 6" FIRE PROTECTION BACKFLOW PREVENTION ASSEMBLY: SHALL BE WATTS SERIES 709PCDA DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER. ASSEMBLY SHALL BE SUITABLE FOR PRESSURES UP TO 175 PSI AND TEMPERATURES UP TO 110°F. THE ASSEMBLY SHALL INCLUDE TWO RESILIENT OS&Y SEATED SHUTOFF VALVES AND TWO BALL TYPE TEST COCKS.	
10. WATER METER: SHALL BE BASED ON ELSTER EVOQ4 METER, 3" SIZE. FINAL WATER METER AND SIZE, MODEL, AND DIMENSIONS SHALL BE DETERMINED AND APPROVED BY THE WATER UTILITY. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND INSTALLATION, AND ALL RELATED WATER DEPARTMENT FEES.	
11. ALL DOMESTIC, SANITARY, AND STORM PIPING ROUTED EXPOSED WITHIN GARAGE SHALL BE HEAT TRACED COMPLETE, INCLUDING A MINIMUM OF 5'-0" INTO THE TEMPERED SPACES. PIPING SHALL BE INSULATED COMPLETE AND WRAPPED WITH PVC JACKETING.	
12. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR FINAL LOCATION, TYPE, AND QUANTITY OF FIXTURES AND ROOF DRAINS THROUGHOUT THE BUILDING.	
13. COORDINATE WITH SITE ENGINEER DRAWINGS FOR FINAL LOCATION, TYPE, AND QUANTITY OF ROADWAY DRAINS.	
14. ALL PIPING INCLUDING HANGERS/SUPPORTS WITHIN THE GARAGE SHALL BE ROUTED AS HIGH AS POSSIBLE TO MAINTAIN VEHICLE CLEARANCE THROUGHOUT. REFER TO ARCHITECTURAL DRAWINGS FOR MINIMUM ELEVATIONS.	
15. THE PLUMBING CONTRACTOR SHALL SUBMIT FOR REVIEW A COMPOSITE SHOP DRAWING, FULLY COORDINATED WITH ALL OTHER TRADES, INDICATING EQUIPMENT, DUCTWORK, PLUMBING AND SPRINKLER PIPING, SMOKE DETECTORS, LIGHTS, CONDUITS, SMOKE DETECTORS, DIFFUSERS, GRILLES, AND ALL RCP ELEMENTS, ETC.	
16. PROVIDE TRAP AND VALVE GUARDS AT ALL LAVATORIES WITH EXPOSED PIPING SIMILAR TO TRUEBRO P-TRAP AND TWO (2) VALVE COVERS WITH VINYL COVER.	
17. GAS BOOSTER PUMP (GMP-1): SHALL BE ACCARDI COMPAC HB4615-1. SYSTEM SHALL BE A PACKAGE HERMETICALLY SEALED SYSTEM THAT INCLUDES AUTO FLOW CONTROL, INTEGRAL VFD, NEMA 4 PANEL, NEMA 4 LOW PRESSURE SWITCH, INLET AND OUTLET ISOLATION VALVES, FLEXIBLE CONNECTIONS, INLET AND OUTLET PRESSURE GAUGES, AND CHECK VALVE. SYSTEM SHALL BE CAPABLE OF OF DELIVERING A VARIABLE VOLUME OF NATURAL GAS OF 1,370 CFH WHILE PROVIDING A CONSTANT ELEVATED DIFFERENTIAL GAS PRESSURE OF 11" WC.	

HARRISON
RECREATION &
COMMUNITY
CENTER

Now Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D

listen
imagine
build

KG+D ARCHITECTS, PC

285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P 914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers

50 Broadway,
Hawthorne, NY 10532
914.747.2800

8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110

olacoe.com

CONSULTING
ENGINEERS

CONSTRUCTION DOCUMENTS

NOTE: ALL IDEAS, DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC (KG+D), AND WERE CREATED FOR USE ON THE PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS BEFORE. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY, OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE 16, SECT. 86.3 (b) OF NEW YORK STATE LAW.
© COPYRIGHT KG+D ARCHITECTS, PC.
ALL RIGHTS RESERVED.

Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

No. Date Issue

Sheet Title

PLUMBING SYMBOLS, ABBREVIATIONS, & NOTES

Job No.

NRG00207.00

Date

03/01/2024

Scale

AS NOTED

Drawn / Checked

HM / RG

Sheet Number

P-001

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800

8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAYTES GARMENT & JAVISON ARCHITECTS, PC (KG+D). HAS BEEN CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAL DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KG+D).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V.E. SECT. 88 (3) (b) OF NEW YORK STATE LAW.
COPYRIGHT 2024, GARMENT & JAVISON ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

2	06/05/2024	ISSUED FOR BID
1	01/16/2024	ISSUED FOR PERMIT
No.	Date	Issue

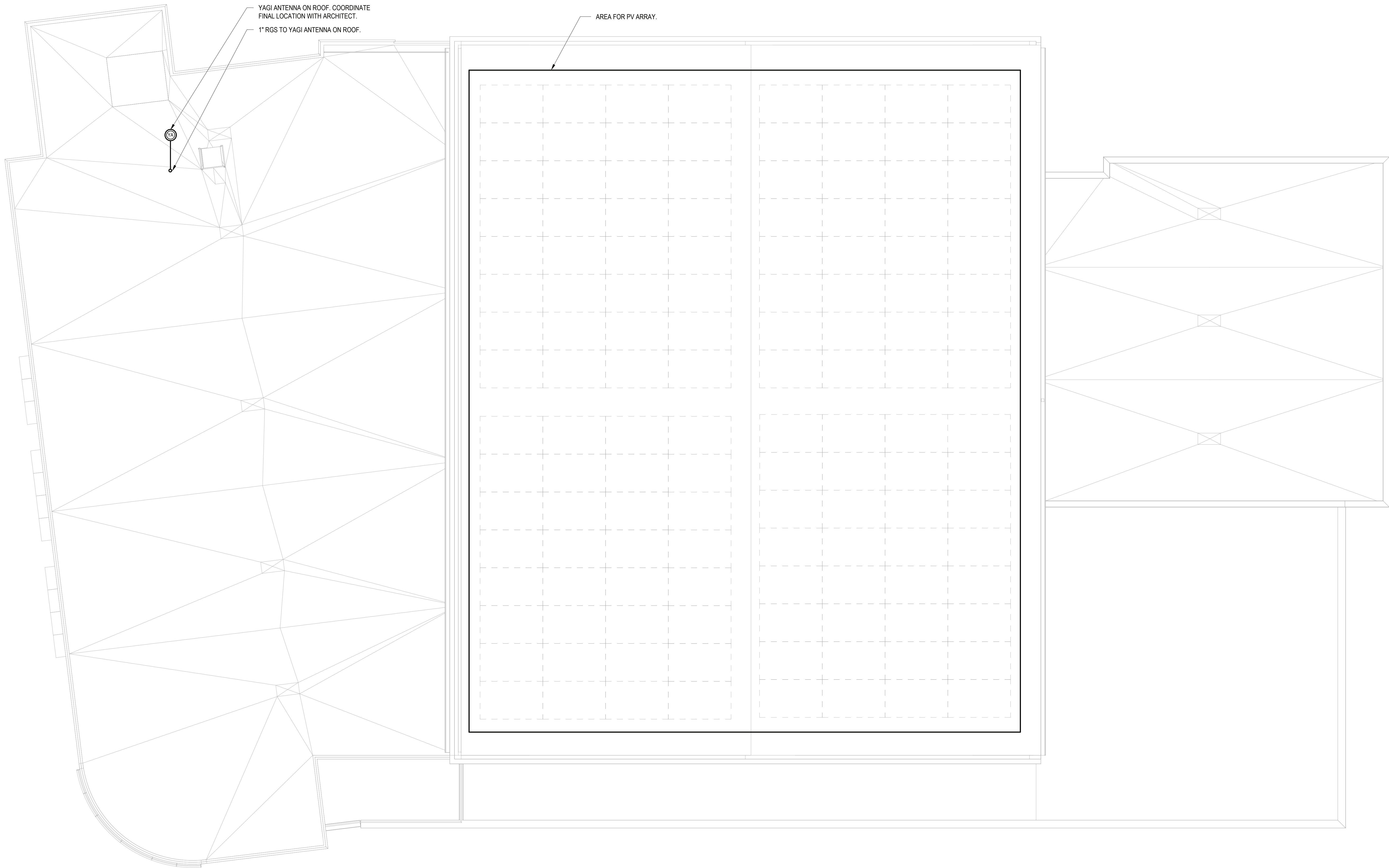
Sheet Title

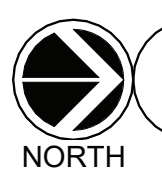
FIRE RADIO ROOF
PLAN

Job No.	Date
NKGD0207.00	01/09/24
Scale	Drawn / Checked
AS NOTED	Author Checker

Sheet Number

FR-304



 **1** **FIRE RADIO ROOF PLAN**
SCALE: 1/8" = 1'-0"

NOTES:
1.) SEE FIRE RADIO RISER DIAGRAM FOR ADDITIONAL INFORMATION.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF HARRISON GARNETT & HARRISON ARCHITECTS, PC (KG+D). NO PART OF THIS DRAWING OR ANY INFORMATION CONTAINED HEREIN SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V.E. SECT. 88 (3) OF NEW YORK STATE LAW.
COPYRIGHT HARRISON GARNETT & HARRISON ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

2	06/05/2024	ISSUED FOR BID
1	01/16/2024	ISSUED FOR PERMIT

No. Date Issue

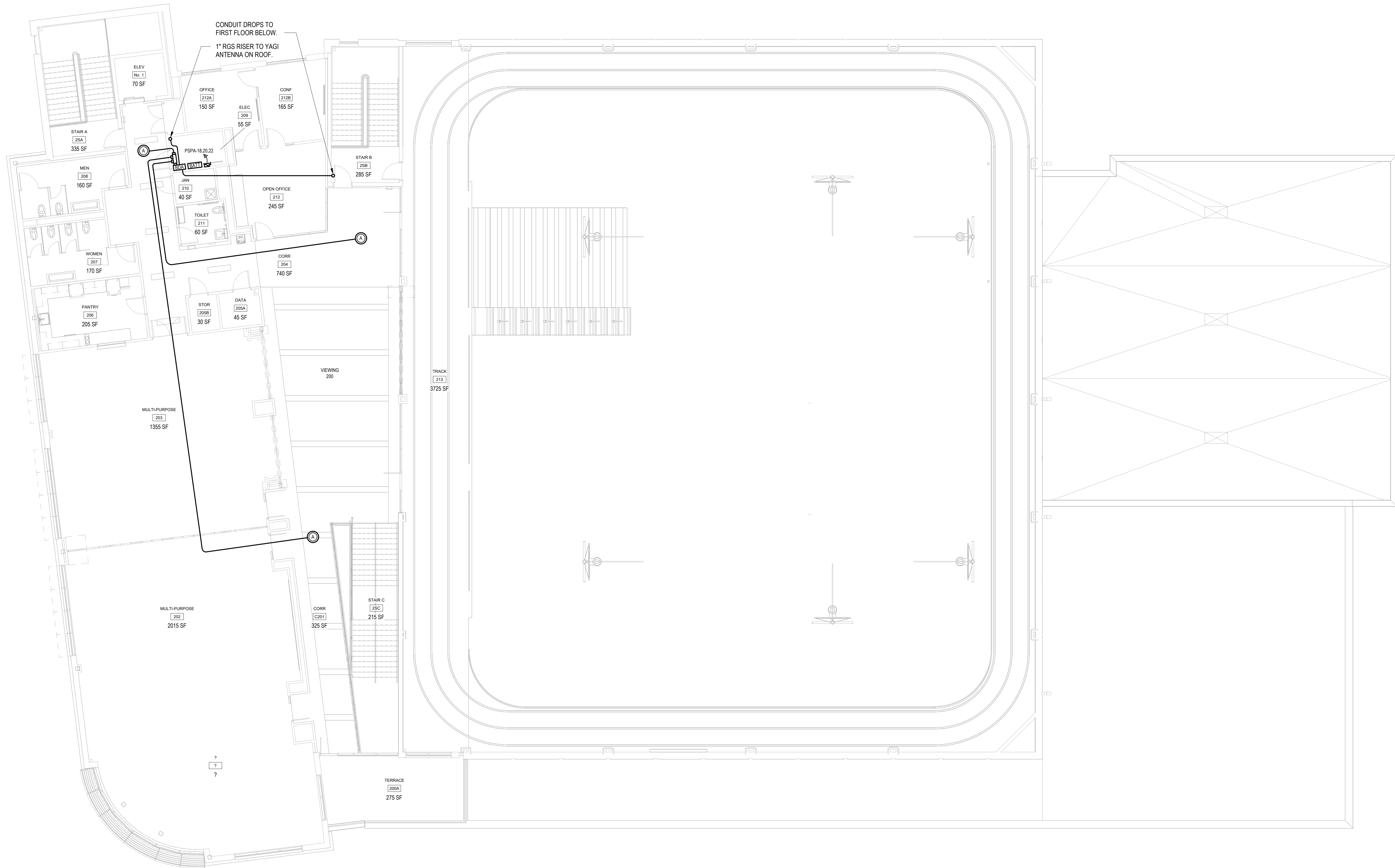
FIRE RADIO
SECOND FLOOR
PLAN

Job No. NKGD0207.00 Date 01/09/24

Scale AS NOTED Drawn / Checked Author Checker

Sheet Number

FR-303



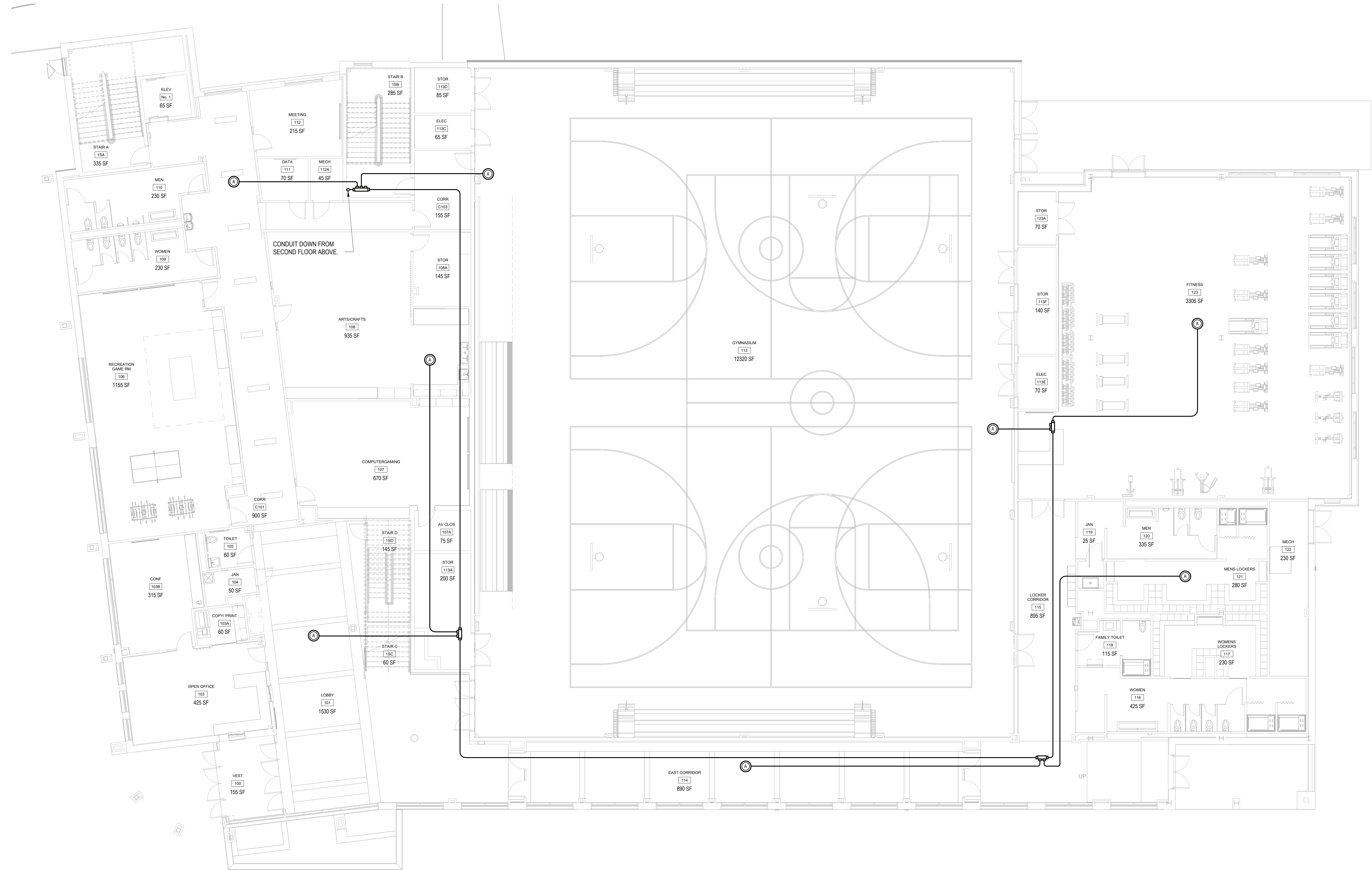
1

FIRE RADIO SECOND FLOOR PLAN

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

NOTES:

1.) SEE FIRE RADIO RISER DIAGRAM FOR ADDITIONAL INFORMATION.



1

FIRE RADIO FIRST FLOOR PLAN

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

NOTES:
1.) SEE FIRE RADIO RISER DIAGRAM FOR ADDITIONAL INFORMATION.

HARRISON RECREATION & COMMUNITY CENTER

New Construction - Phase 2

Town / Village of Harrison

270 Harrison Avenue
Harrison, NY 10528



KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549

P:914.666.5900 KGDARCHITECTS.COM



CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL DESIGN ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAYLEN GARMENT & DAWSON ARCHITECTS, PC (KG+D), AND WERE CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAL DESIGN ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KG+D).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V.E. SECT. 88 (3) OF NEW YORK STATE LAW.
COPYRIGHT 2024, GARMENT & DAWSON ARCHITECTS & ENGINEERS, PC. ALL RIGHTS RESERVED.

Professional Seal

2 06/05/2024 ISSUED FOR BID
1 01/16/2024 ISSUED FOR PERMIT

No. Date Issue

Sheet Title

FIRE RADIO FIRST FLOOR PLAN

Job No. NKGD0207.00 Date 01/09/24

Scale AS NOTED Drawn / Checked Author / Checker

Sheet Number

FR-302

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528



KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P:914.666.5900 KGDARCHITECTS.COM



OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

Key Plan

NOTE: ALL IDEAL DESIGN, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KAYLEN GARMENT & JASONSON ARCHITECTS, PC (KG+D). NO WORK CREATED FOR USE ON THIS PROJECT. NONE OF SUCH IDEAL DESIGN, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF (KG+D).

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFIXED HERETO, IS A VIOLATION OF TITLE V.E. SECT. 88 (3) OF NEW YORK STATE LAW.
COPYRIGHT 2024, GARMENT & JASONSON ARCHITECTS & ENGINEERS, PC
ALL RIGHTS RESERVED.

Professional Seal

2	06/05/2024	ISSUED FOR BID
1	01/16/2024	ISSUED FOR PERMIT
No.	Date	Issue

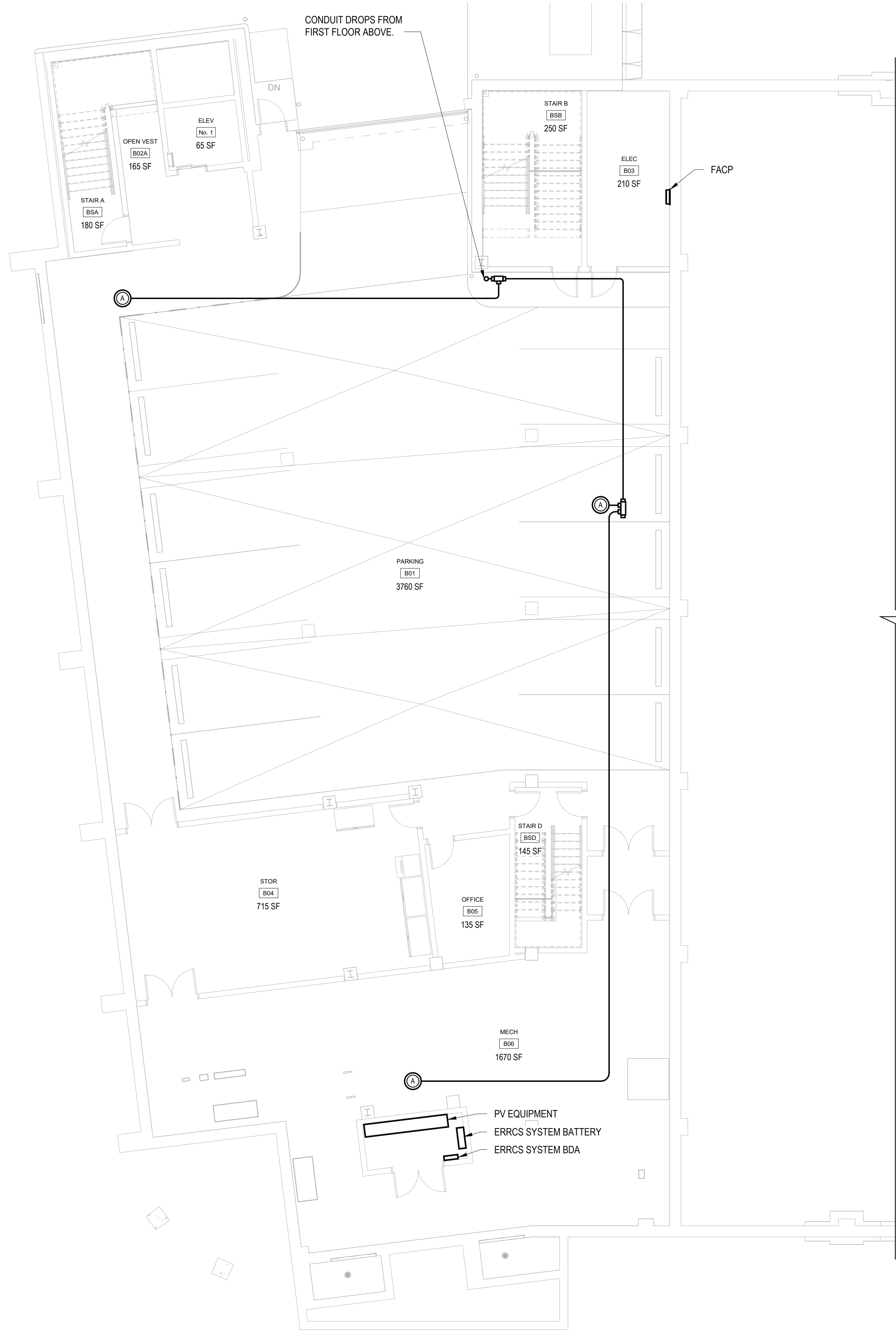
Sheet Title

FIRE RADIO
PARKING LEVEL
PLAN

Job No.	Date
NKGD0207.00	01/09/24
Scale	Drawn / Checked
AS NOTED	Author Checker

Sheet Number

FR-301



1 FIRE RADIO PARKING FLOOR LEVEL PLAN
SCALE: 1/8" = 1'-0"

NOTES:
1.) SEE FIRE RADIO RISER DIAGRAM FOR ADDITIONAL INFORMATION.

HARRISON
RECREATION &
COMMUNITY
CENTER

New Construction - Phase 2
Town / Village of Harrison
270 Harrison Avenue
Harrison, NY 10528

KG+D listen
imagine
build

KG+D ARCHITECTS, PC
285 MAIN STREET • MOUNT KISCO, NEW YORK 10549
P-914.666.5900 KGDARCHITECTS.COM

OLA Consulting Engineers
50 Broadway,
Hawthorne, NY 10532
914.747.2800
8 West 38th Street,
Suite 501
New York, NY 10018
646.849.4110
olace.com

CONSTRUCTION DOCUMENTS

NOTE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND ARE THE PROPERTY OF KG+D ARCHITECTS, PC AND ARE NOT TO BE REPRODUCED OR USED IN ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF KG+D.

WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY ALL ACTUAL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS BEFORE. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALTERATIONS BY ANY PERSON IN ANY WAY OF ANY ITEM CONTAINED ON THIS DOCUMENT, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, ENGINEER, PROFESSIONAL, OR AS PROVIDED HEREIN, IS A VIOLATION OF TITLE 16, SECTION 17-01 OF THE NEW YORK STATE LAW.

ALL RIGHTS RESERVED.

Professional Seal

4	06/05/2024	ISSUED FOR BID
3	01/16/2024	ISSUED FOR PERMIT
2	06/01/2020	DESIGN DEVELOPMENT
1	03/31/2020	50% DESIGN DEVELOPMENT

No. Date Issue

Sheet Title

FIRE PROTECTION
DETAILS 3 OF 3

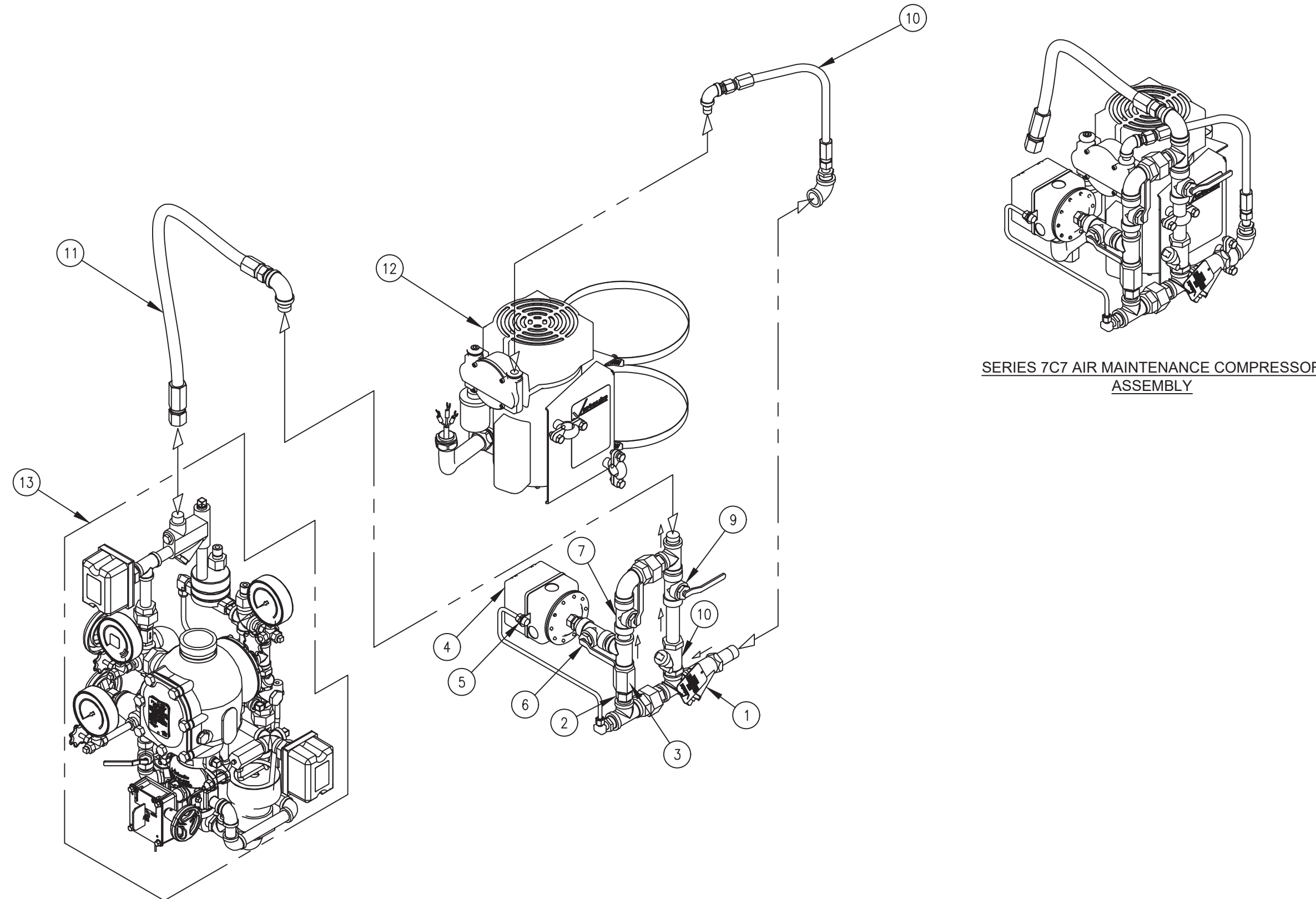
Job No. NKGD0207.00 Date 03/01/2024

Scale AS NOTED Drawn / Checked AM / CD

Sheet Number

FP-703

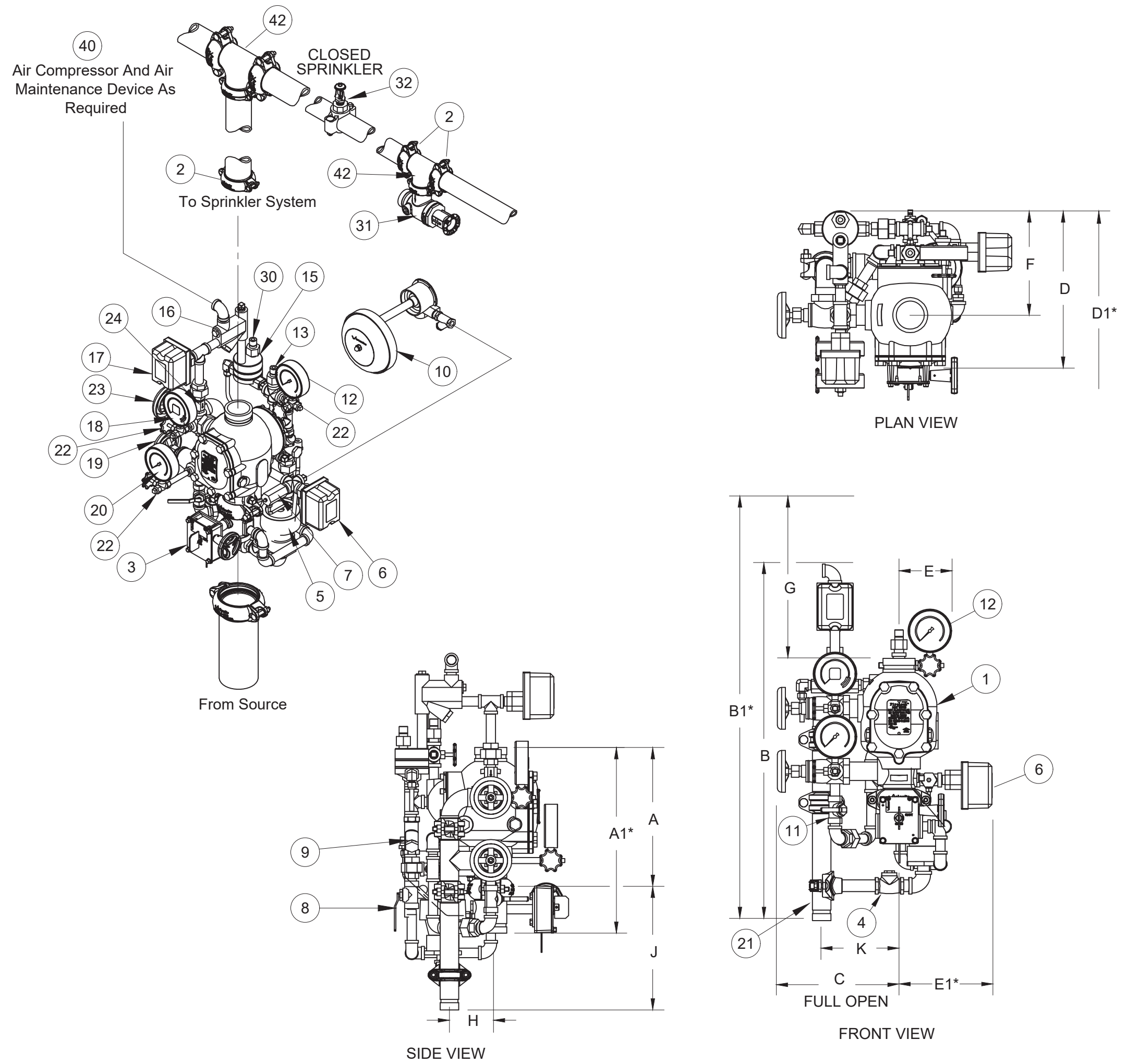
PRODUCT LEGEND	
1	STRAINER (1/2-INCH NPT)
2	SPRING-LOADED, SOFT-SEATED CHECK VALVE
3	RESTRICTOR (1/2-INCH NPT)(1/8 RESTRICTOR)
4	PRESSURE SWITCH
5	UNLOADER VALVE
6	PRESSURE SWITCH ISOLATION BALL VALVE (NORMALLY OPEN-LOCKABLE)
7	SLOW-FILL BALL VALVE (NORMALLY OPEN)
8	SWING CHECK (1/2-INCH NPT)
9	FAST FILL BALL VALVE (NORMALLY CLOSED)
10	STAINLESS STEEL BRAIDED FLEX HOSE (1/2-INCH NPT MALE X FEMALE)
11	STAINLESS STEEL BRAIDED FLEX HOSE (1/2-INCH NPT MALE X FEMALE)
12	AIR COMPRESSOR
13	FIRELOCK NXT DEVICE
SEE VICTAULIC SUBMITTAL NUMBER 30.22	



NOTES:
1. EQUIPMENT BASED ON VICTAULIC OR APPROVED EQUAL.
2. * OPTIONAL EQUIPMENT.

2 DRY SYSTEM - AIR MAINTENANCE ASSEMBLY SERIES 7C7

SCALE: NONE



NOTES:
1. EQUIPMENT BASED ON VICTAULIC OR APPROVED EQUAL.
2. * OPTIONAL EQUIPMENT.

1 DRY VALVE ASSEMBLY - VICTAULIC FIRELOCK NXT

SCALE: NONE

PRODUCT LEGEND	
1	Series 788 Firelock NXT Dry Valve (see Submittal 30.80) With Optional Vic Quick Riser
2	Firelock Rigid Couplings 005, 009, 009V
3	Series 705 Butterfly Valve (Optional)
4	Drain Swing Check Valve
5	Drip Cup
6	System Sensor EPS10-2 Alarm Pressure Switch
7	Series 729 Drip Check Valve
8	Diaphragm-Charge-Line Ball Valve (Normally Open)
9	3-in-1 Strainer/Check/Restrictor Assembly
10	Series 760 Water Motor Alarm (Optional)
11	Alarm Test Ball Valve
12	Diaphragm-Charge-Line Pressure Gauge (0-300psi/0-2068kPa)
13	Series 749 Auto Drain
14	Series 746-LPA Dry Accelerator Assembly (Optional)(Not Shown)
15	Series 776 Low-Pressure Actuator
16	Air Manifold
17	EPS-45-2V Supervisory Switch (Optional)
18	System Pressure Gauge (0-80 psi/0-552kPa with Retard)
19	Water Supply Main Drain Valve - Flow Test
20	Water Supply Pressure Gauge (0-300psi/0-2068kPa)
21	Drain Connection Kit (Optional)
22	Gauge Valve
23	System Main Drain Valve
24	Series 748 Ball Check Valve
25	n/a
26	Air Feed Valve Assembly (Not Shown)
27	System Air Line Strainer (Not Shown)
28	n/a
29	n/a
30	Auto Vent for 776 Low Pressure Actuator
31	Series 720 Testmaster
32	Upright Sprinkler - Victaulic Model V2703/V2704
33	n/a
34	n/a
35	n/a
36	n/a
37	n/a
38	n/a
39	n/a
40	Air Maintenance Device Victaulic 757/757P with pressure switch
41	(Optional Series 75D Water Column Drain Kit) not shown
42	Firelock 1ee 002
SEE VICTAULIC PUBLICATION 10.01 FOR DETAILS OF APPROVALS	
UL/FM APPROVED NYC MEA-248-98-E Volume 3	