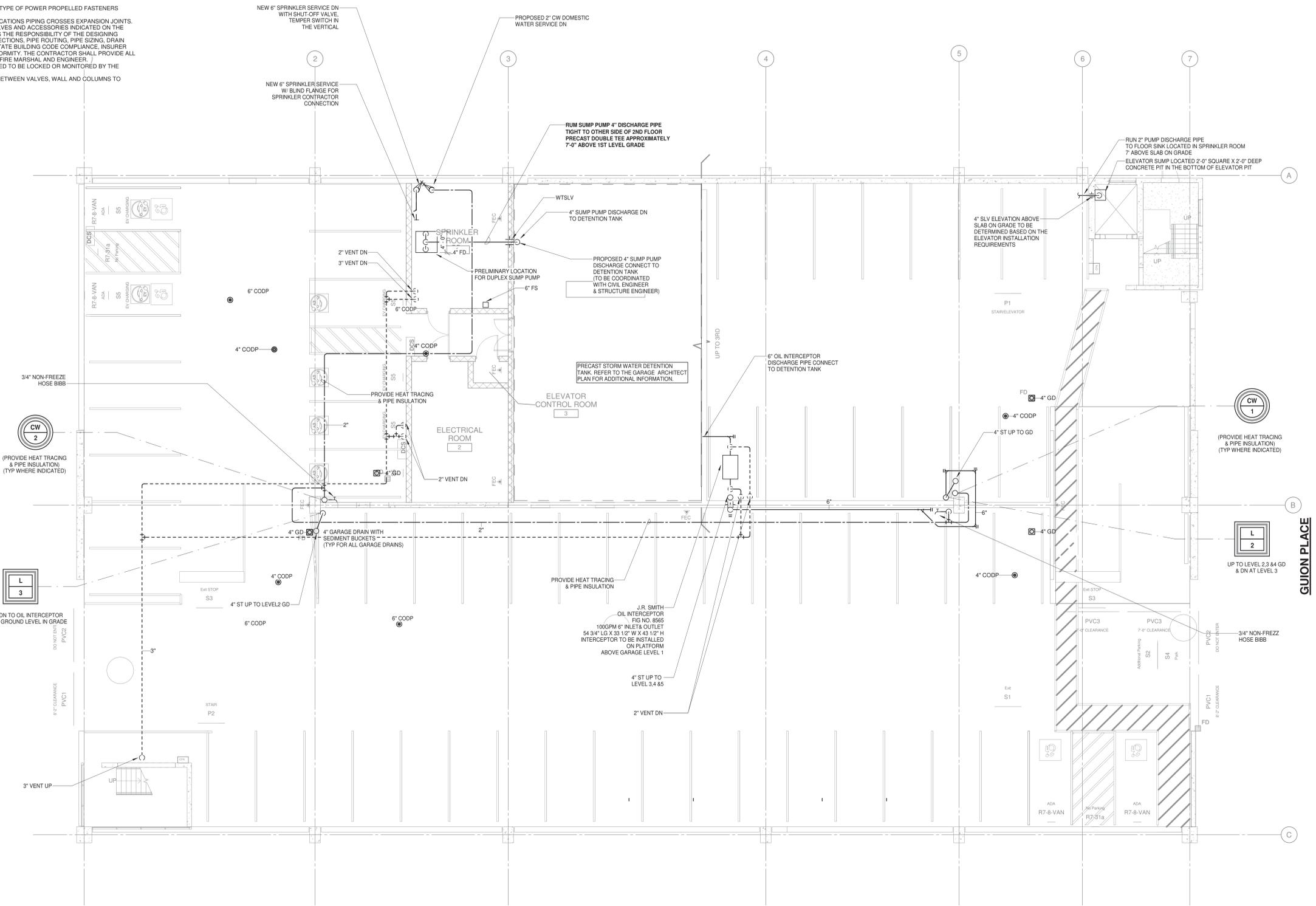


GENERAL NOTES:

1. ALL DRAINAGE PIPING ABOVE GRADE SHALL BE CAST IRON W/ NO-HUB CONNECTIONS. ALL DRAINAGE PIPING BELOW GRADE SHALL BE CAST IRON W/HUB AND SPIGOT CONNECTIONS. SLOPE ALL DRAINAGE PIPING AT 1/8" PER FOOT MIN. U.N.C. ALL R.W.C. SHALL HAVE EXPANSION JOINTS AT EVERY OTHER LEVEL. ALL PUMP DISCHARGE LINES SHALL BE TYPE "L" COPPER PIPE U.N.C.
2. TOP OF DRAIN GRATE SHALL BE 1/2" BELOW FINISHED FLOOR. TYPICAL FOR ALL DRAINS. SEE STRUCTURAL DRAWINGS FOR FLOOR ELEVATIONS.
3. ALL PIPING AND RISERS EXPOSED TO POSSIBLE BUMPER DAMAGE SHALL BE PROTECTED W/ PIPE GUARDS. SEE DETAILS 1 & 2M-001.
4. PROVIDE CAST IRON PIPE SLEEVES 2" LARGER THAN PIPE OUTSIDE DIA. AT GRADE SLAB PENETRATIONS. WRAP PIPES W/ 1/2" FIBERGLASS AND SEAL OPENING W/APPROVED SEALANT. TYPICAL AT GRADE SLAB.
5. PROVIDE 1/3 CU. YD. CONCRETE THRUST BLOCK AT BASE OF ALL RAIN WATER COLLECTORS AND COLD WATER RISERS AND AT ALL BENDS BELOW GRADE, FOR SUPPORT.
6. PIPE HANGERS AND SUPPORTS SHALL BE ARRANGED SO THAT THEY WILL SUSTAIN THE LOADS AND RETAIN THE PIPING SECURELY IN POSITION UNDER FULLY LOADED CONDITIONS. SEE DETAILS 3 & 4M-001.
7. COORDINATE ALL BLOCK-OUTS REQUIRED W/ GENERAL CONTRACTOR.
8. CLEANOUTS SHALL BE LOCATED AT THE BASE OF ALL DRAINAGE RISERS AND AT OTHER LOCATIONS SHOWN ON THE DRAWINGS.
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12. ALL FIRE PROTECTION VALVES REQUIRED TO BE LOCKED OR MONITORED BY THE N.F.P.A. SHALL BE LOCKED.
13. PROVIDE MINIMUM HAND CLEARANCE BETWEEN VALVES, WALL AND COLUMNS TO ALLOW OPERATION OF VALVES.



01 PLUMBING - LEVEL - GROUND TIER PLAN
1/8" = 1'-0"

CONTRACT				
032	032E	032H	032P	N/TS
N	N	N	F	N

N = NOT IN CONTRACT, FOR REFERENCE ONLY
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S = SPLIT SCOPE. SEE SUMMARY OF WORK SPECIFICATIONS FOR CLARIFICATION.



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EDWARD C. ETTINGER - PROFESSIONAL ENGINEER
LICENSE NO. 095119

OWNER / CONSTRUCTION MANAGER



CITY OF NEW ROCHELLE
New Rochelle, NY 10801



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Renaissance at Lincoln Park
116 Guion Place
Garage Precast
Contract 20-032

New Rochelle, NY

MARK	DATE	REVISIONS	DESCRIPTION
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7	12/18/2020	ISSUED FOR CONSTRUCTION	
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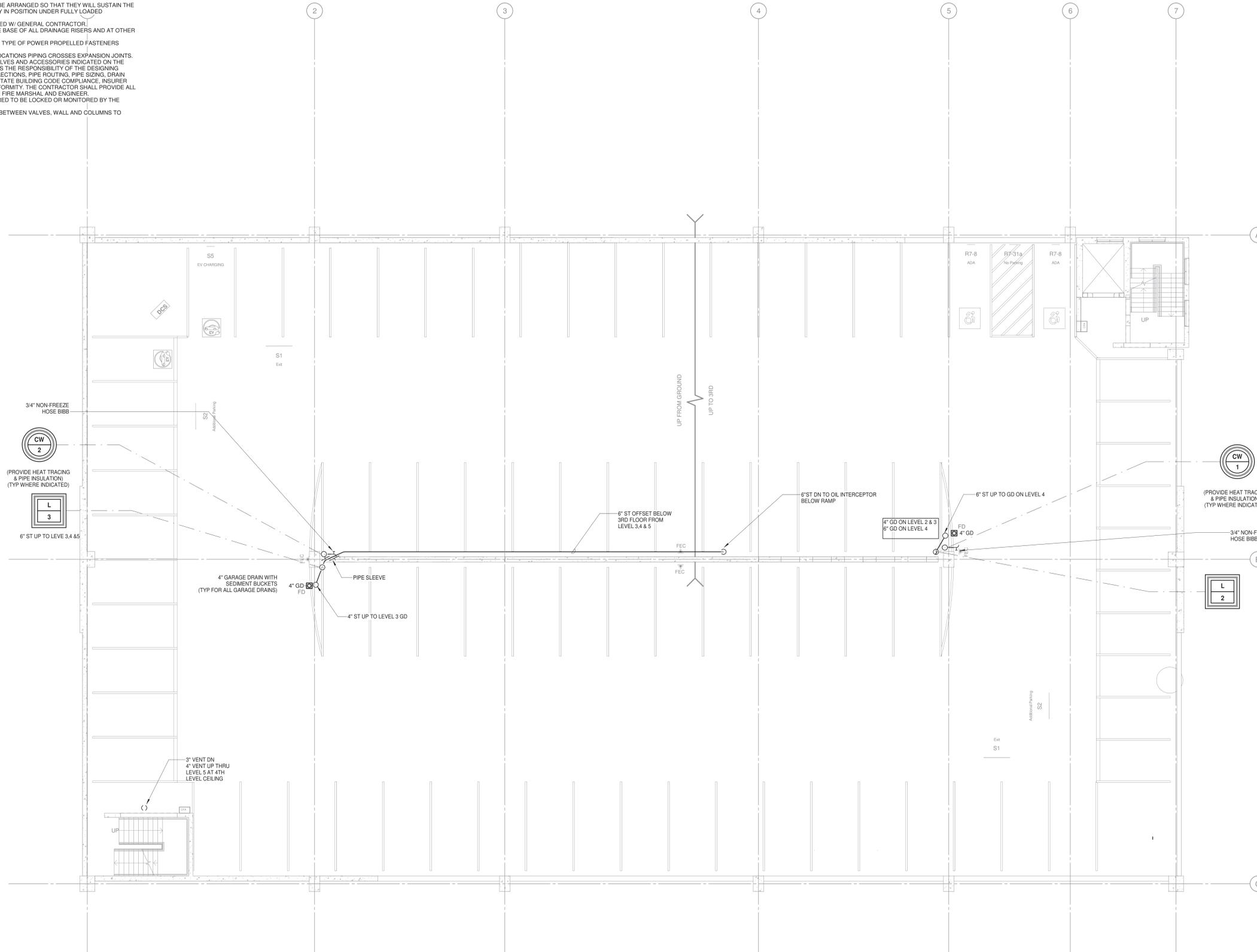
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SHEET TITLE:
PLUMBING - LEVEL 1 PLAN

P-100.00

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02 PLUMBING - LEVEL - SECOND TIER PLAN
1/8" = 1'-0"

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N	N	N	F	N

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EXPIRATION DATE: 02/2021
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CITY OF NEW ROCHELLE
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Renaissance at Lincoln Park
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 Garage Precast
 Contract 20-032

New Rochelle, NY

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4	10/20/2020	BUILDING PERMIT RESUBMISSION 2	
3	09/25/2020	BUILDING PERMIT RESUBMISSION	
2	09/17/20	95%CD BID SET	
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ISSUE DATE: 11/23/2020
 PROJECT NO: 2477
 DRAWN BY: P.C.
 CHECKED BY: E.E.

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SHEET TITLE:
PLUMBING - LEVEL 2-4 PLAN

P-101.00

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CITY OF NEW ROCHELLE
New Rochelle, NY 10801



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1	08/17/20	ISSUED FOR PERMIT	

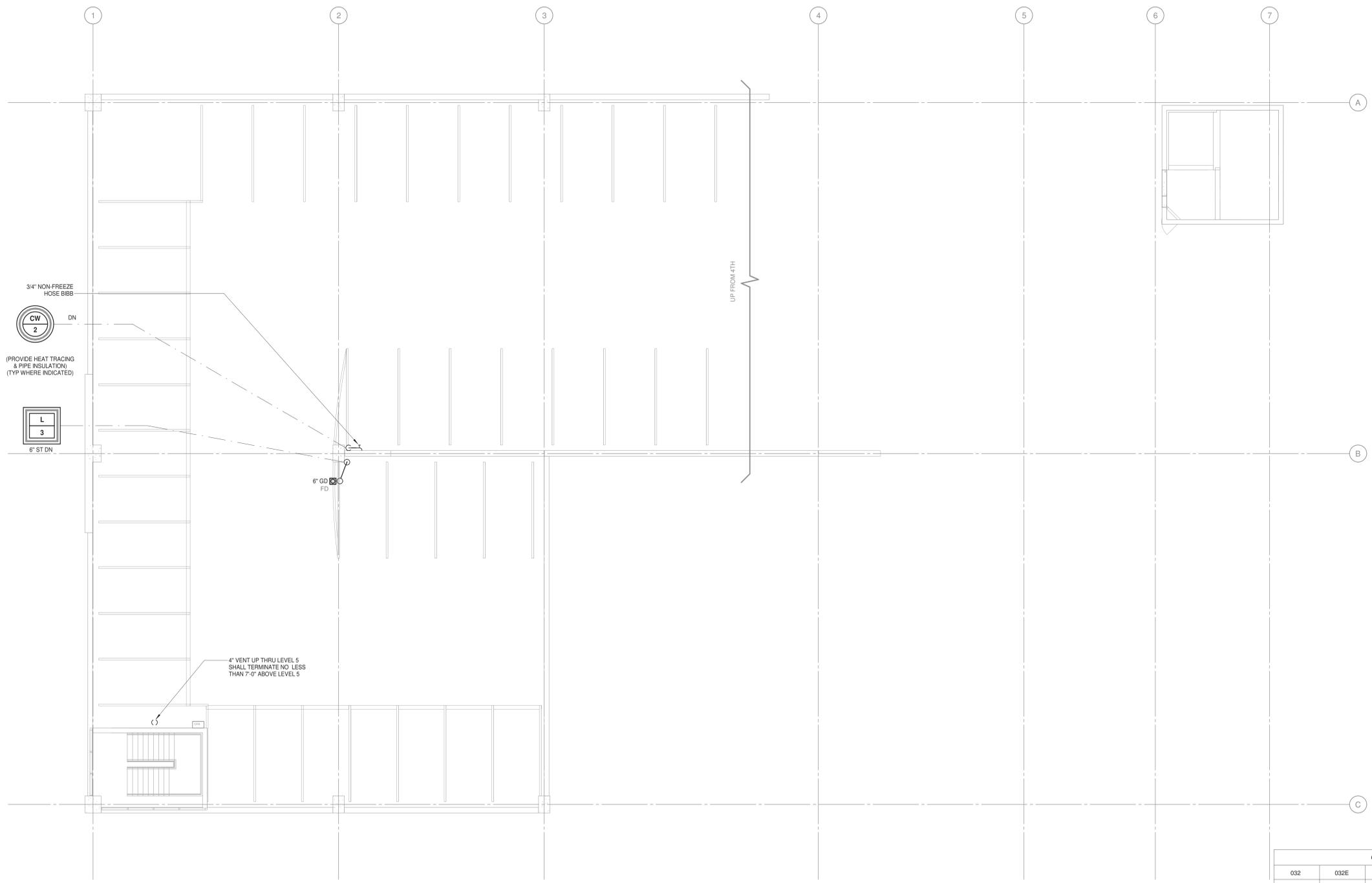
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SHEET TITLE:
PLUMBING - LEVEL 5 PLAN

P-102.00

PAGE #: 5 OF 8



3/4" NON-FREEZE HOSE BIBB
CW 2
DN
(PROVIDE HEAT TRACING & PIPE INSULATION) (TYP WHERE INDICATED)

L 3
6" ST DN

6" GD FD

4" VENT UP THRU LEVEL 5 SHALL TERMINATE NO LESS THAN 7'-0" ABOVE LEVEL 5

UP FROM 4TH

CONTRACT				
032	032E	032H	032P	N/TS
N	N	N	F	N

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1 03_PLUMBING - LEVEL - FIFTH TIER PLAN
1/8" = 1'-0"

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EXPIRATION DATE: 02/2021

DATE SEALED: 11/12/2020

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LICENSE NO. 095119

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Contract 20-032

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SHEET TITLE:
PLUMBING - WATER RISER DIAGRAM

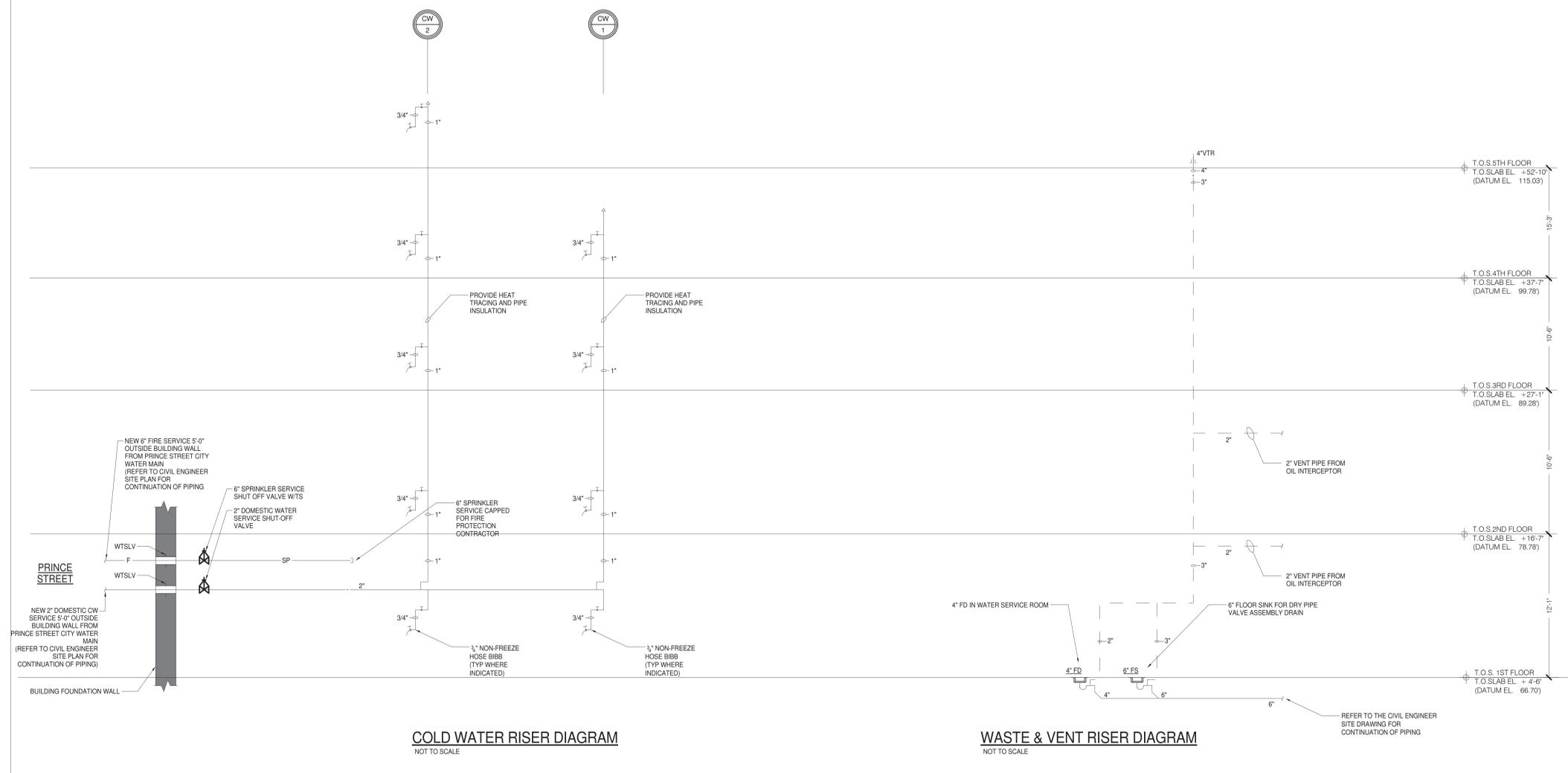
P-200.00

PAGE #:

6 OF 8

GENERAL NOTES:

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COLD WATER RISER DIAGRAM
NOT TO SCALE

WASTE & VENT RISER DIAGRAM
NOT TO SCALE

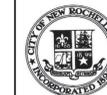
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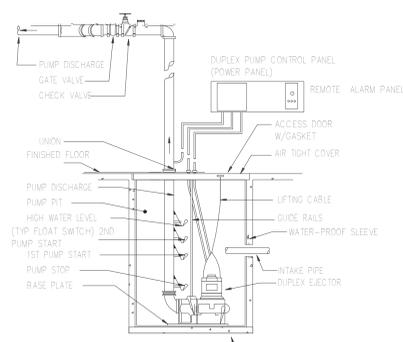
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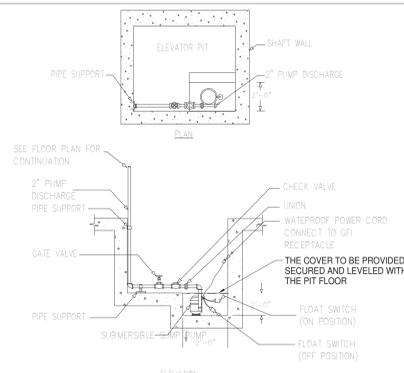
New Rochelle, NY

GENERAL NOTES:

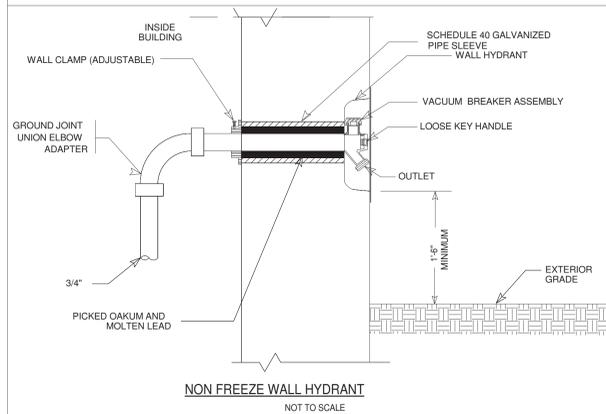
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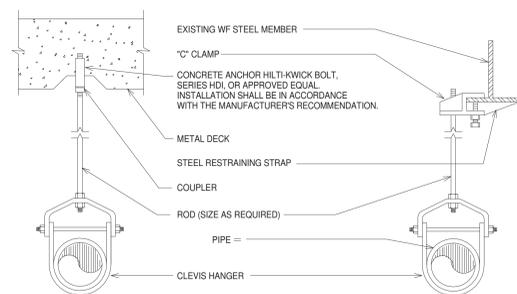
DETAIL OF SUMP SEWAGE EJECTOR PUMPS IN CONCRETE PIT
NOT TO SCALE



ELEVATOR SUMP PUMP DETAIL
ELEVATION
NOT TO SCALE



NON FREEZE WALL HYDRANT
NOT TO SCALE



TYPICAL HANGER DETAILS
NOT TO SCALE

NOTES:

1. INCREASE CLEVIS HANGER SIZE TO ALLOW FOR INSULATION OF THOSE LINES REQUIRING INSULATION.
2. FOR INSULATED LINES USE STEEL PIPE SHIELDS AT HANGER POINTS.
3. THE ABOVE DETAIL SHALL BE USED ONLY FOR LINES UP TO AND INCLUDING 4" IN SIZE.
4. HANGING DETAILS SHALL BE SUBMITTED TO STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL.
5. HANGER SPACING SHALL BE AS FOLLOWS:

PIPE SIZE	MAX. HANGER SPACING	MIN. ROD SIZE
1/2" TO 1"	7' O.C.	3/8"
1-1/4" TO 2"	9' O.C.	1/2"
2-1/2" TO 4"	10' O.C.	1/2"

CONTRACT				
032	032E	032H	032P	N/TS
N	N	N	F	N

N = NOT IN CONTRACT, FOR REFERENCE ONLY
F = FULL SCOPE - ALL SCOPE ON DRAWINGS APPLIES TO SINGLE CONTRACT ONLY.
S = SPLIT SCOPE. SEE SUMMARY OF WORK SPECIFICATIONS FOR CLARIFICATION.

MARK	DATE	REVISIONS	DESCRIPTION
8	01/22/2021	ISSUED FOR PLUMBING BIDDING	
7	12/18/2020	ISSUED FOR CONSTRUCTION	
6	12/16/2020	NRPT/TS BULLETIN #1	
5	11/12/2020	BUILDING PRECAST BIDDING	
4	10/20/2020	BUILDING PERMIT RESUBMISSION 2	
3	09/25/2020	BUILDING PERMIT RESUBMISSION	
2	09/17/20	95%CD-BID SET	
1	08/17/20	ISSUED FOR PERMIT	

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PROJECT NO: 2477
DRAWN BY: P.C.
CHECKED BY: E.E.

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SHEET TITLE:
PLUMBING - DETAILS

P-300.00