

REVISIONS	BY
OWNER'S REVISION 09/12/20	MSA

MSA L1221

ENGINEERING CONSULTANTS

MSA

MSA ENGINEERING CONSULTANTS

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REGISTERED PROFESSIONAL ENGINEER

2

BENJAMIN W. MSA

21889

OKLAHOMA

08.22.2012

PROJECT:

CNE
INTERSTATE OFFICE BUILDING
TULSA, OKLAHOMA

SHEET TITLE:

GAS ISOMETRIC

DRAWN
M&A

CHECKED
FE

DATE
08.22.2012

SCALE
AS NOTED

JOB NO.
L1221

SHEET

MP0.3

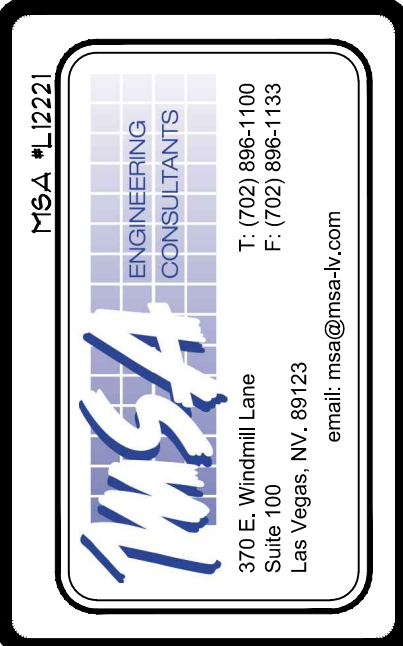
GENERAL NOTES:

1. THE CUTTING, NOTCHING AND BORING OF HOLES IN FLOOR JOIST AND WALL STUDS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE INTERNATIONAL BUILDING CODE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL PLUMBING ROUGH-IN LOCATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURES AND EQUIPMENT LOCATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING AS REQUIRED TO ACCOMMODATE HIS WORK.
4. ALL SANITARY DRAINAGE PIPING SHALL BE SLOPED AT 1/4" PER FOOT.
5. PLUMBING CONTRACTOR SHALL COORDINATE ROUTING OF PIPING WITH ALL OTHER TRADES PRIOR TO COMMENCING WORK.
6. REFER TO THE PLUMBING DIAGRAMS THAT APPLY TO THE WORK ON THIS DRAWING. THESE DIAGRAMS PROVIDE GUIDANCE AS TO INSTALLATION INTENT AND DO NOT NECESSARILY SHOW ALL COMPONENTS REQUIRED.
7. CONTRACTOR TO PROVIDE BLOCKS FOR GAS PIPING AND CONDENSATE PIPING AS REQUIRED. NO WOOD BLOCKS

SHEET NOTES:

1. RUN 3/4" CONDENSATE LINE TO NEAREST RD/ORD. FIELD VERIFY EXACT LOCATION. COORDINATE ROUTING WITH ALL OTHER TRADES AND EXISTING CONDITIONS.
2. REFER TO SHEET A/PB.0 FOR CONTINUATION.
3. ROUTE CONDENSATE DRAIN TO ROOF DRAINS.
4. 1" STUB FOR FUTURE. (160 CFH)

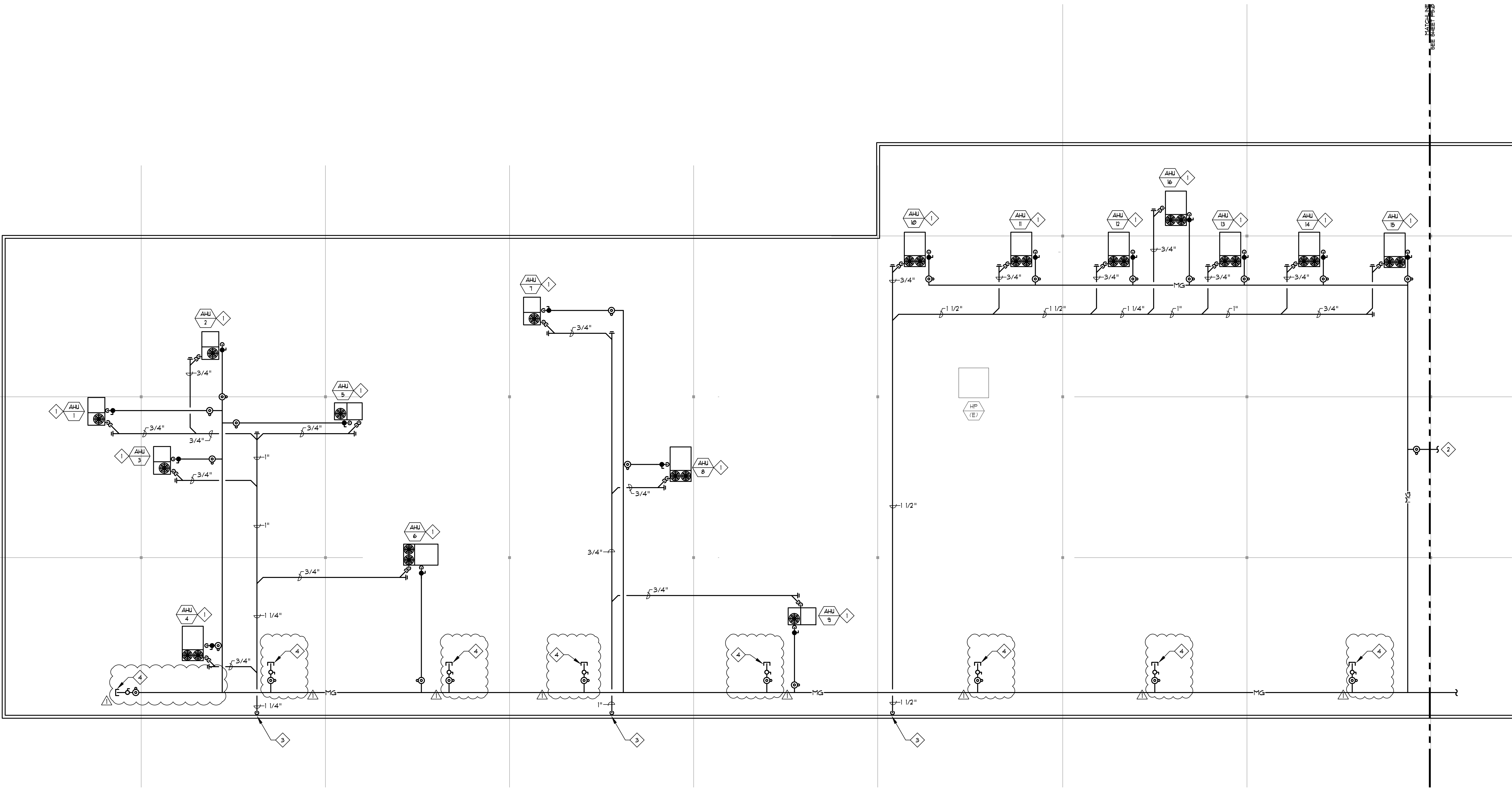
REVISIONS	BY
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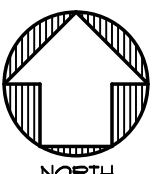
PROJECT:
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INTERSTATE OFFICE BUILDING
TULSA, OKLAHOMA**

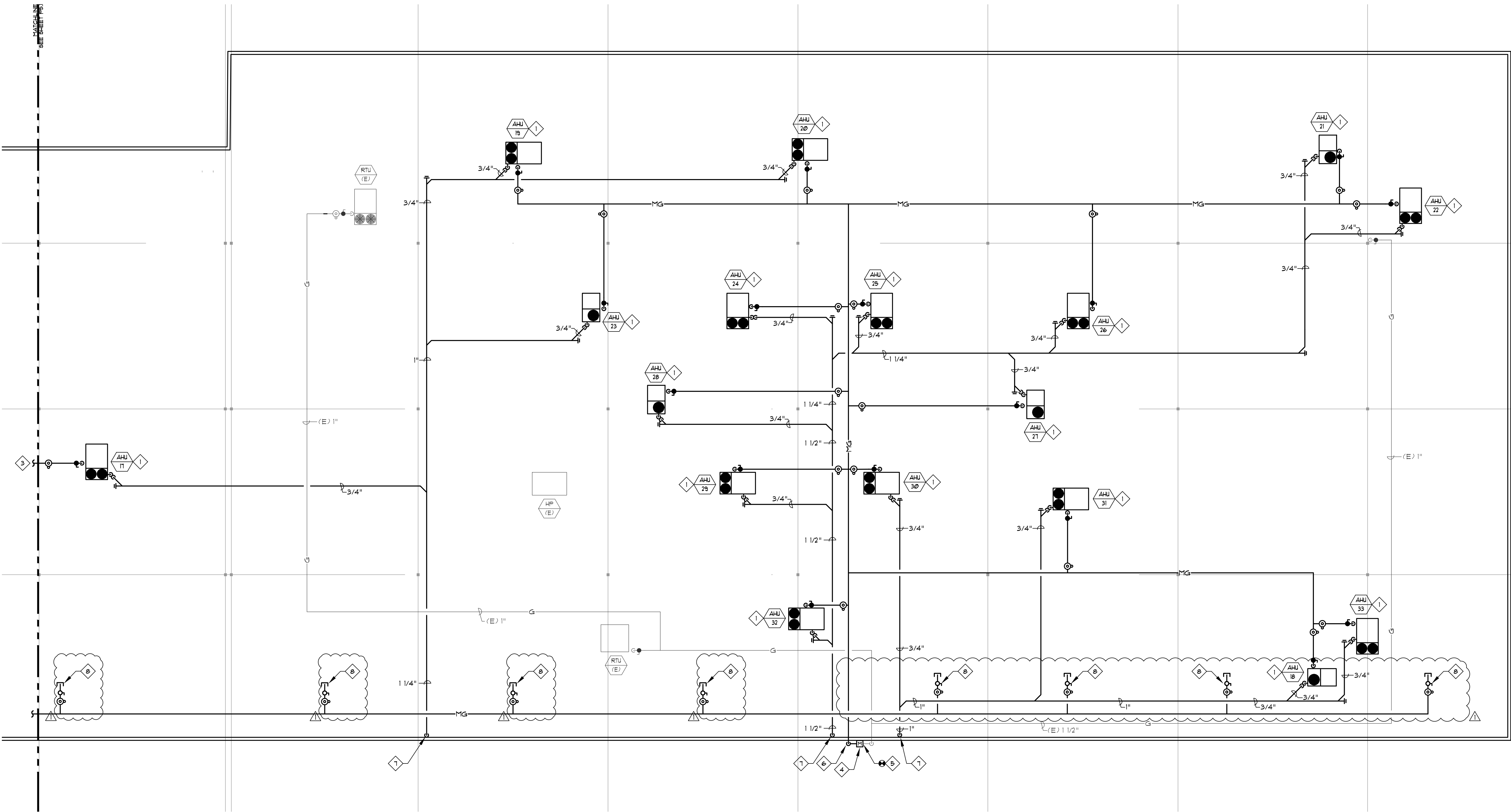
SHEET TITLE:
PLUMBING PLAN

DRAWN MSA
CHECKED FE
DATE 08.22.2012
SCALE AS NOTED
JOB NO. L12221
SHEET



PLUMBING PLAN
3/32" = 1'-0"





GENERAL NOTES:

1. THE CUTTING, NOTCHING AND BORING OF HOLES IN FLOOR JOIST AND WALL STUDS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE INTERNATIONAL BUILDING CODE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL PLUMBING ROUGH-IN LOCATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURES AND EQUIPMENT LOCATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING AS REQUIRED TO ACCOMMODATE HIS WORK.
4. ALL SANITARY DRAINAGE PIPING SHALL BE SLOPED AT 1/4\" PER FOOT.
5. PLUMBING CONTRACTOR SHALL COORDINATE ROUTING OF PIPING WITH ALL OTHER TRADES PRIOR TO COMMENCING WORK.
6. REFER TO THE PLUMBING DIAGRAMS THAT APPLY TO THE WORK ON THIS DRAWING. THESE DIAGRAMS PROVIDE GUIDANCE AS TO INSTALLATION INTENT AND DO NOT NECESSARILY SHOW ALL COMPONENTS REQUIRED.
7. CONTRACTOR TO PROVIDE BLOCKS FOR GAS PIPING AND CONDENSATE PIPING AS REQUIRED. NO WOOD BLOCKS.

SHEET NOTES:

1. RUN 3/4\" CONDENSATE LINE TO NEAREST RD/ORD. FIELD VERIFY EXACT LOCATION. COORDINATE ROUTING WITH ALL OTHER TRADES AND EXISTING CONDITIONS.
2. CONNECT NEW 1/2\" MEDIUM PRESSURE GAS LINE TO EXISTING LINE. FIELD VERIFY EXACT LOCATION AND SIZE.
3. REFER TO SHEET A/PS.0 FOR CONTINUATION.
4. NEW GAS METER LOCATION. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT. GAS METERS TO BE INSTALLED PRIOR TO DISCONNECTION AND DEMO OF EXISTING GAS METER.
5. CONNECT NEW 1/2\" GAS LINE AND EXISTING GAS LINE TO NEW METER. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT.
6. RUN NEW 2 1/2\" GAS LINE UP TO ROOF. COORDINATE ROUTING WITH EXISTING CONDITIONS. REFER TO SHEET A/PS.0 FOR CONTINUATION.
7. ROUTE CONDENSATE DRAIN TO ROOF DRAINS.
8. 1\" STUB FOR FUTURE (160 CFH) ⚠

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SHEET TITLE:

PLUMBING PLAN

DRAWN MSA
CHECKED FE
DATE 08.22.2012
SCALE AS NOTED
JOB NO. L1221
SHEET 05.1