

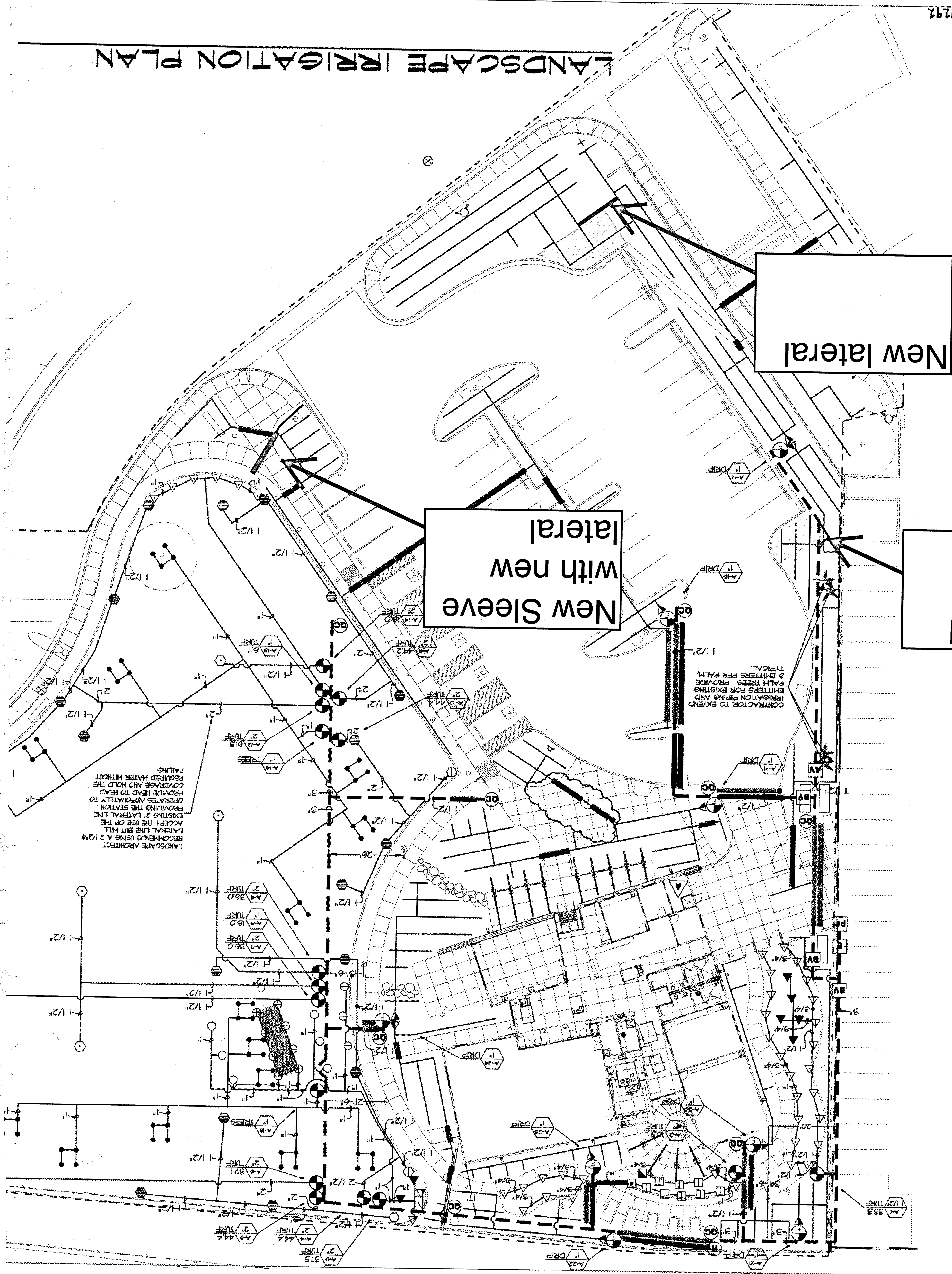
New lateral

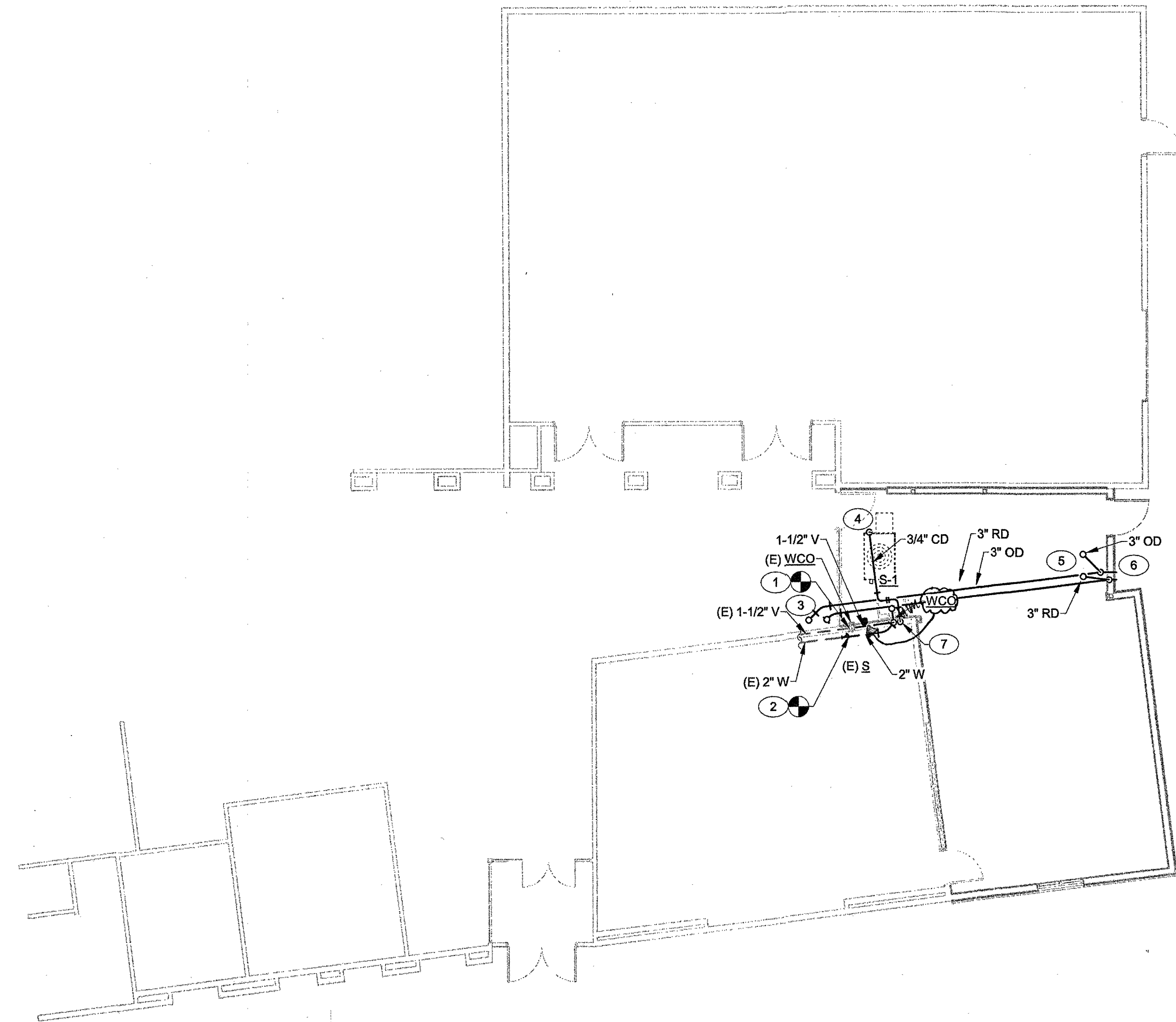
Re-routed Mainline

**New Sleeve
with new
lateral**

CONTRACTOR TO EXTEND
IRRIGATION PIPING AND
-EMITTERS FOR EXISTING
PALM TREES. PROVIDE
8 EMITTERS PER PALM.
TYPICAL.

LANDSCAPE ARCHITECT
RECOMMENDS USING A 1/2" ϕ
LATERAL LINE BUT WILL
ACCEPT THE USE OF THE
EXISTING 2" LATERAL LINE
PROVIDING THE STATION
OPERATES ADEQUATELY TO
PROVIDE HEAD TO HEAD
COVERAGE AND HOLD THE
REQUIRED WATER WITHOUT
FAILING





1 PLUMBING FLOOR PLAN - WASTE AND VENT
1/8" = 1'-0"



GENERAL NOTES

1. ALL PLUMBING FIXTURES SHALL BE WATER CONSERVATION TYPE AS MANDATED BY LOCAL BUILDING DEPARTMENT.
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KEYNOTES (X)

1. CONNECT NEW 1-1/2" V PIPING FROM S-1 TO EXISTING 1-1/2" V PIPING. FIELD VERIFY POINT OF CONNECTION.
2. CONNECT NEW 2" W PIPING FROM S-1 TO EXISTING 2" W PIPING. FIELD VERIFY INVERT ELEVATION AND POINT OF CONNECTION.
3. CONNECT NEW 3" RD & OD PIPING TO EXISTING RD & OD ABOVE ON ROOF. FIELD VERIFY POINT OF CONNECTION.
4. 3/4" CD PIPING FROM ABOVE.
5. 3" RD & OD PIPING FROM ABOVE.
6. 3" RD & OD PIPING DOWN IN WALL TO TERMINATE WITH RELOCATED EXISTING DOWN SPOUT NOZZELS AND SPILL 8" A.F.G. OVER A CONCRETE SPLASH BLOCK.
7. 3/4" CD PIPING DOWN IN WALL TO TERMINATE AT LAVATORY TAIL PIECE.



REVISIONS

CONSULTANT

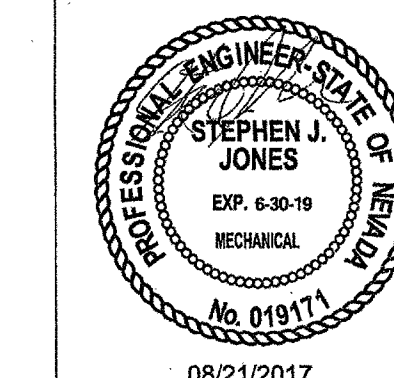
NOVUS
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Las Vegas, Nevada 89104
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F 702.541.9566
novusarchitects.com

LIEBURN SENIOR CENTER
ADDITION

6230 GARWOOD AVE,
LAS VEGAS, NV 89107

PLUMBING FLOOR PLAN -
WASTE AND VENT

STAMP



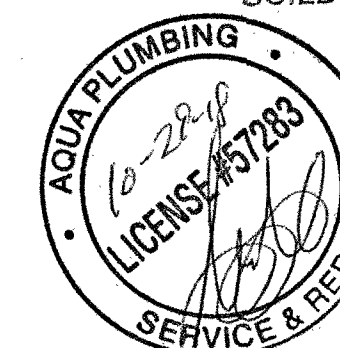
08/21/2017

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6535
FAX: (702) 362-3232
TDD: (702) 366-9108

DRAWN	TJK
FILE	LIEBURN SENIOR CENTER ADDITION.RVT
DATE	08/22/17
SCALE	1/8" = 1'-0"
RID NO	15.6571.DOC
CLV DWG NO	513-49 I
	HAUSER 6571
SHT NO	

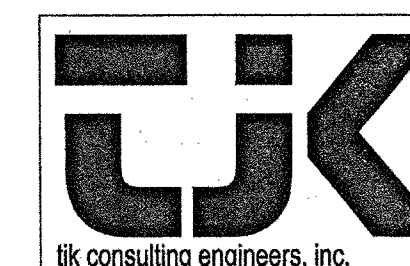
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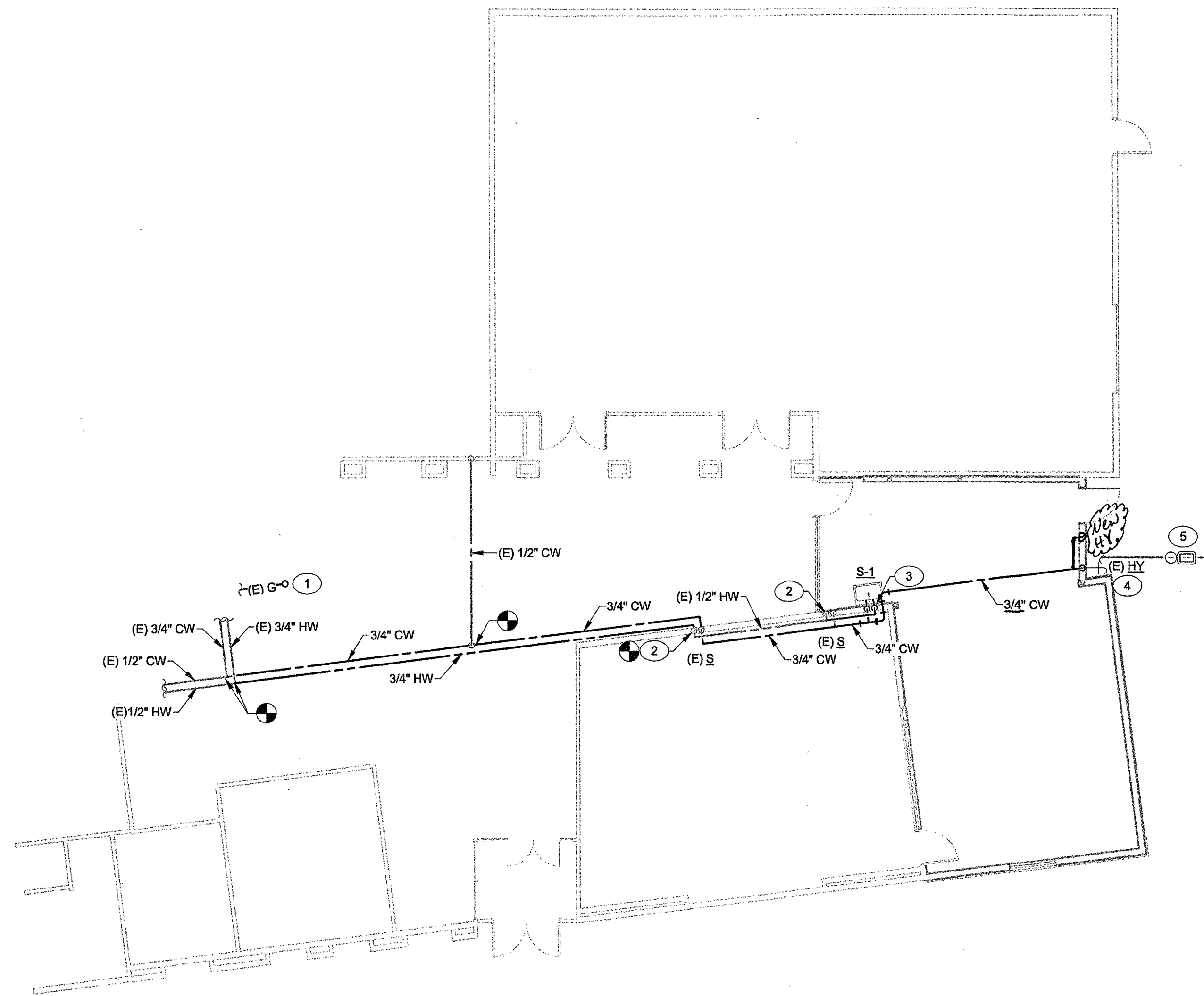
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CITY OF LAS VEGAS
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1 PLUMBING FLOOR PLAN - WATER AND GAS
1/8" = 1'-0"

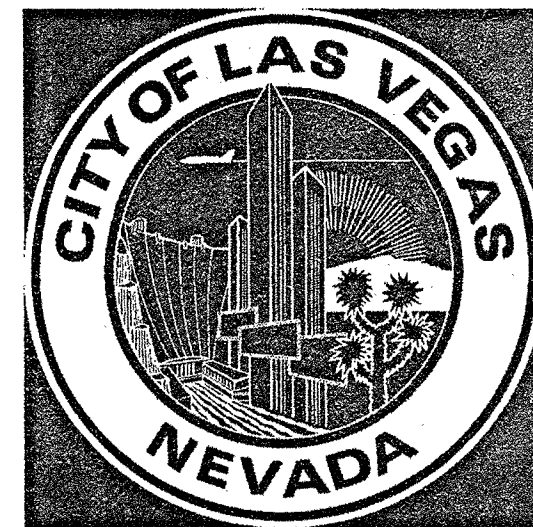


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- 1/2" CW & HW DOWN TO FIXTURE.
- RELOCATED EXISTING WALL HYDRANT.
- RELOCATED EXISTING IRRIGATION VALVE BOXES.



REVISIONS

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LIEBURN SENIOR CENTER
ADDITION

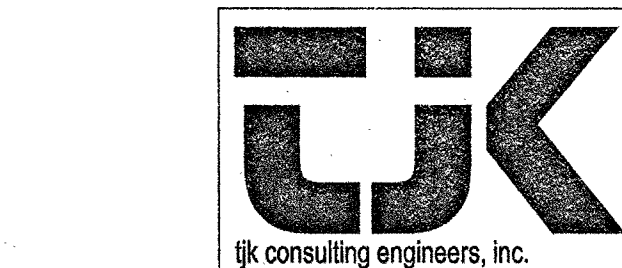
6230 GARWOOD AVE,
LAS VEGAS, NV 89107

PLUMBING FLOOR PLAN -
WATER AND GAS

REVIEWED FOR CODE COMPLIANCE

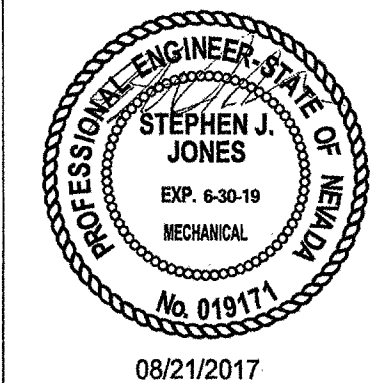
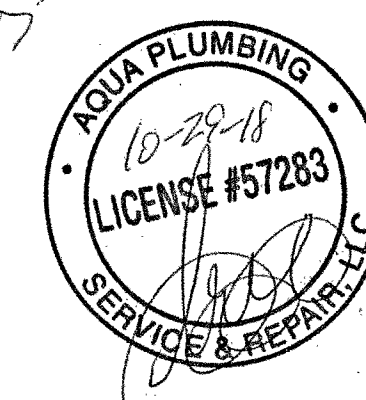
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08/21/2017

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DRAWN	TJK
FILE	LIEBURN SENIOR CENTER ADDITION.RVT
DATE	08/22/17
SCALE	1/8" = 1'-0"
BID NO	16,65772.DC
CLV DWG NO	513-49 I
	HANSEN 6572
SHT NO	

P2.01

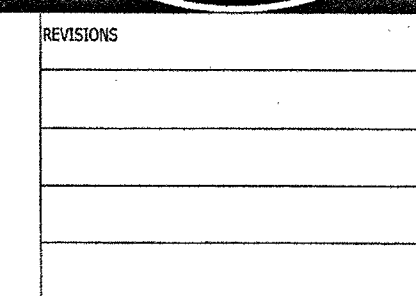


NORTH

A simple north arrow consisting of a circle with a vertical line through its center, and a horizontal line intersecting it. The top half of the vertical line is shaded black, indicating North.

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4 FIELD VERIFY POINT OF CONNECTION.
5 SUPPORT GAS PIPING ON ROOF WITH B-LINE MODEL CE10-8.
INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



CONSULTANT

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P 702.522.9292

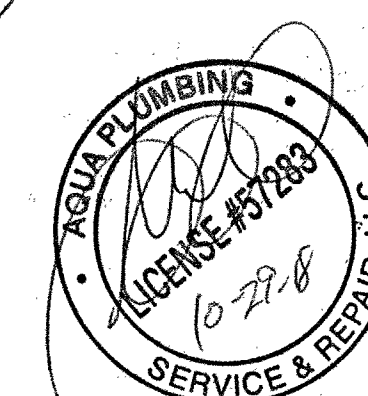
F 702.541.9596

LIEBURN SENIOR CENTER

IN SENIOR CLASS ADDITION

6230 GARWOOD AVE,
LAS VEGAS, NV 89107

PLUMBING ROOF PLAN



PROFESSIONAL ENGINEER - STATE OF FLORIDA
 STEPHEN J. JONES
 EXP. 6-30-19
 MECHANICAL
 No. 019171
 08/21/2017

08/21/2017

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6535
FAX: (702) 382-3232
TDD: (702) 386-9108

DRAWN T1K

DATE 02/02/15

SCALE 1 (21) - 11 (21)

050 410 1-8 00001 000

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

SHT NO. _____

P3.01



tik consulting engineers, inc.

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17028



NORTH

A simple compass rose with a circle divided into four quadrants by a vertical and a horizontal line. The top quadrant is labeled 'NORTH'.

WEST

EAST

SOUTH

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CONSULT

CONSULTANT

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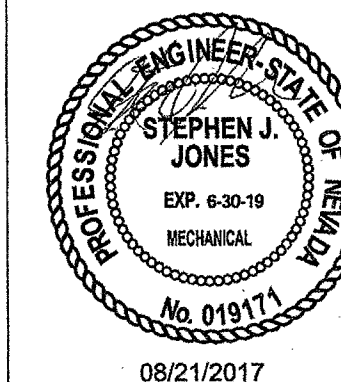
F702.541.9596

**LIEBURN SENIOR CENTER
ADDITION**

6230 GARWOOD AVE,
LAS VEGAS, NV 89107

PLUMBING FLOOR PLAN - WASTE AND VENT

STAMP



OWNER: CITY OF LAS VEGAS
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LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6535
FAX: (702) 382-3232
TDD: (702) 386-9108

DRAWN	TJK
FILE	LIEBURN SENIOR CENTER ADDITION.RVT
DATE	08/22/17
SCALE	1/8" = 1'-0"
BID NO	16,65771.DC
CLV DWG NO	513-496 <i>VI</i>
MANCINI GETTY	

SHT

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8728 Spanish Ridge Avenue
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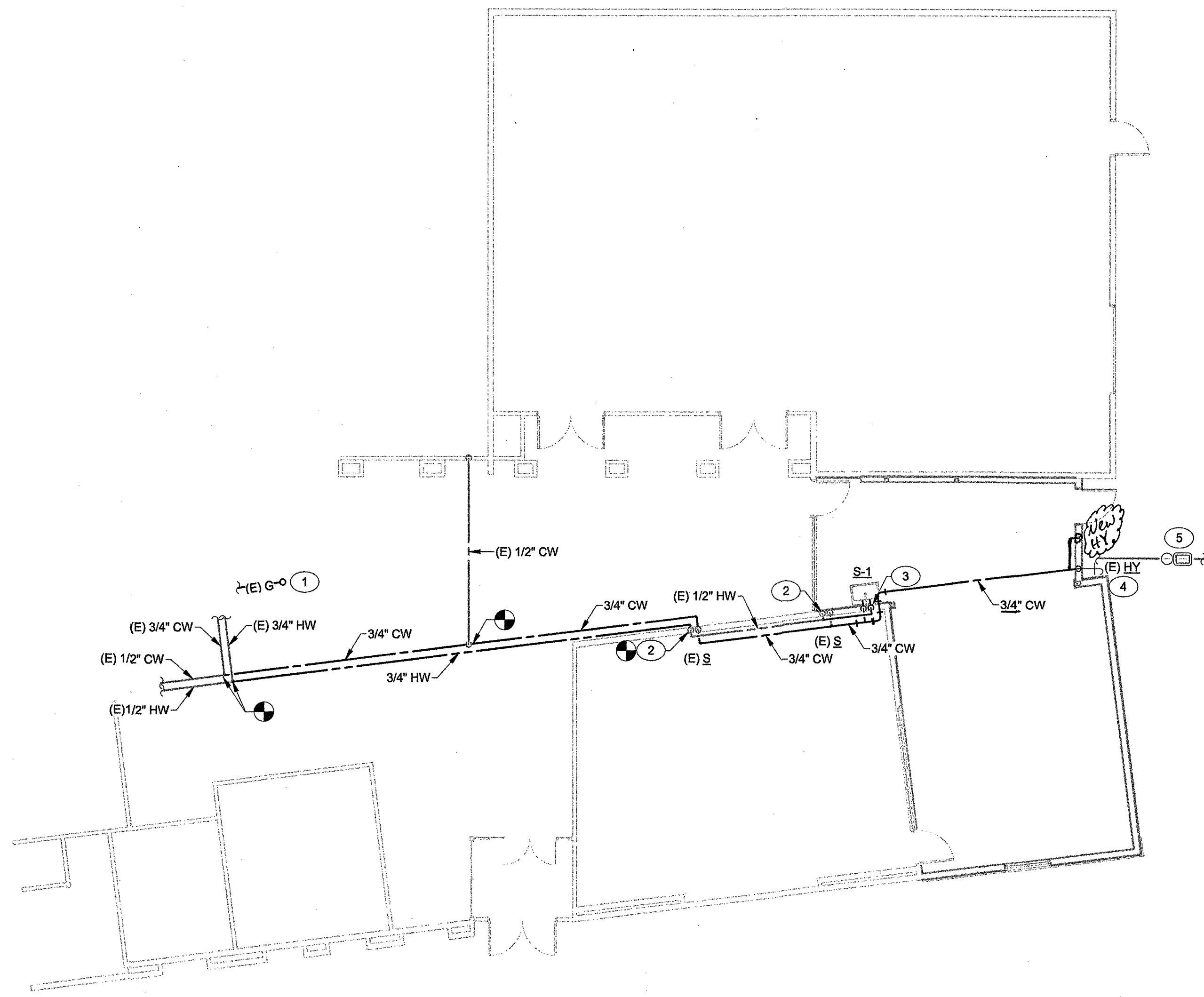
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CITY OF LAS VEGAS
BUILDING AND SAFETY

NOVUS ABTULU. C III
THE BOEING COMPANY, BOEING BUILDING, BOEING FIELD, SEATTLE, WASH. 98104
NOT FOR CONSTRUCTION OF ANY OTHER PROJECT IN C 623.760

1 PLUMBING FLOOR PLAN - WATER AND GAS
1/8" = 1'-0"

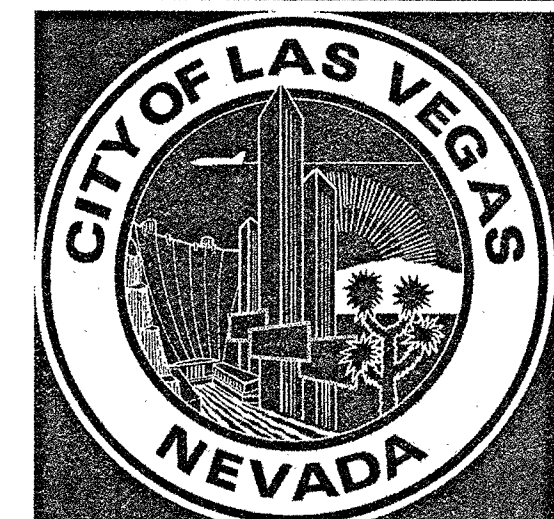


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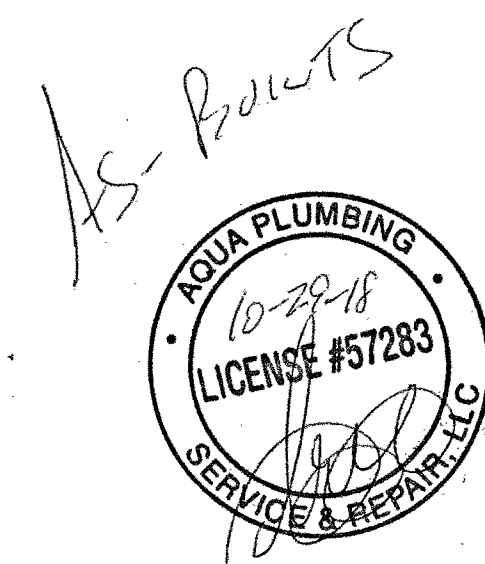


REVISIONS

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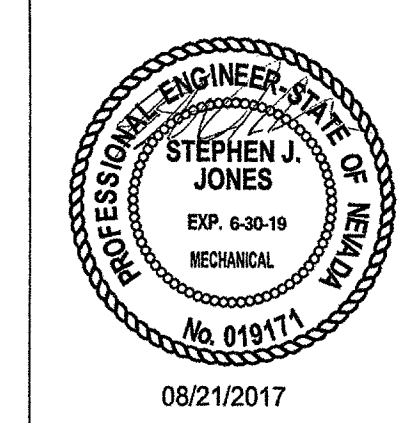
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LIEBURN SENIOR CENTER
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PLUMBING FLOOR PLAN -
WATER AND GAS



REVIEWED FOR CODE COMPLIANCE

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CITY OF LAS VEGAS
BUILDING AND SAFETY



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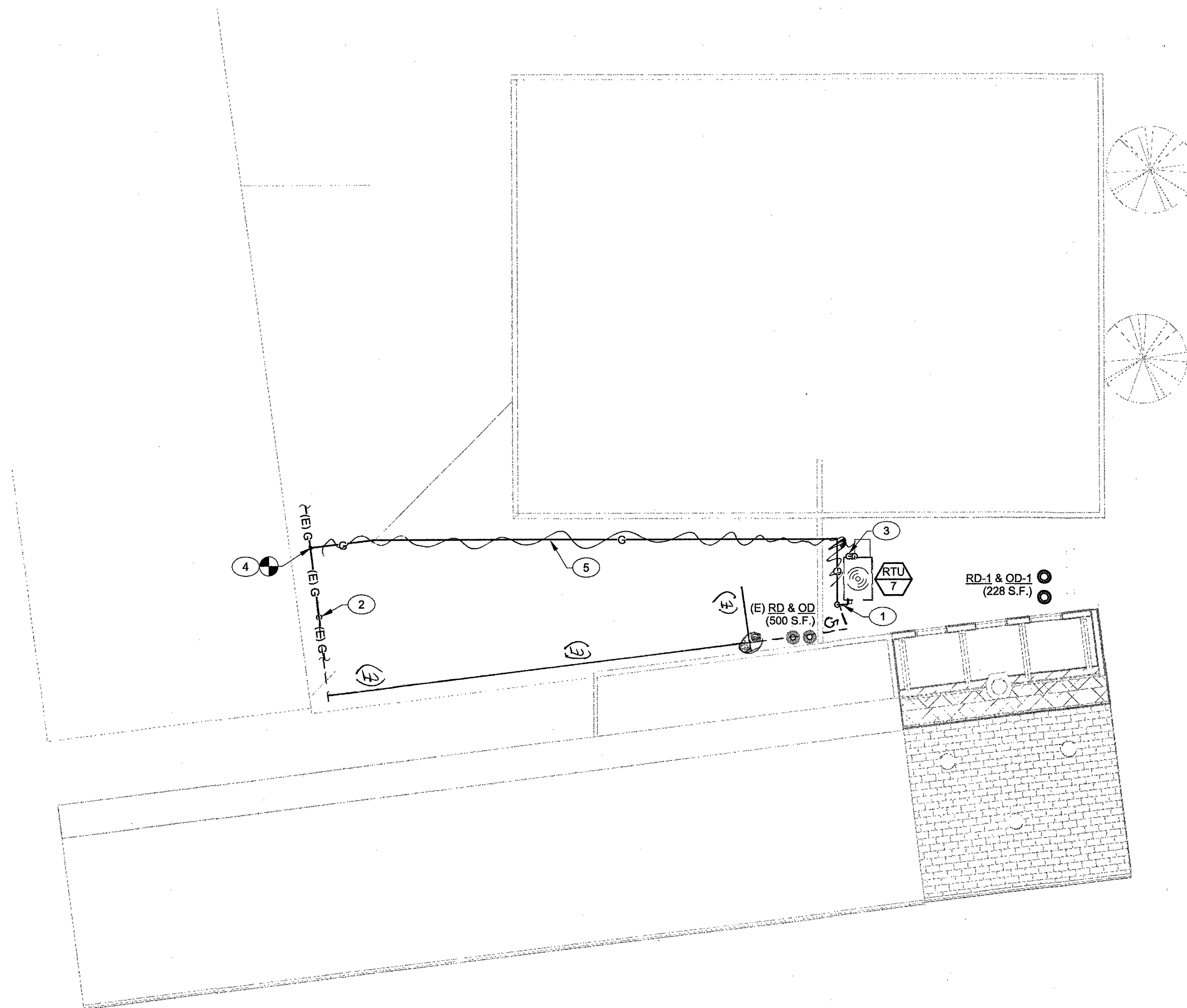
DRAWN	TJK
FILE	LIEBURN SENIOR CENTER ADDITION.RVT
DATE	08/22/17
SCALE	1/8" = 1'-0"
BID NO	16,65771.DC
CLV DWG NO	513-498
HANSEN	65771
SHT NO	



17028

P2.01

1 PLUMBING ROOF PLAN 1/8" = 1'-0"



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REVISIONS

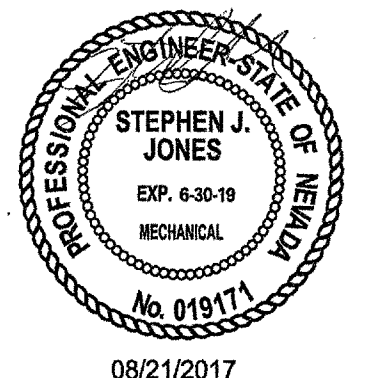
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PLUMBING ROOF PLAN

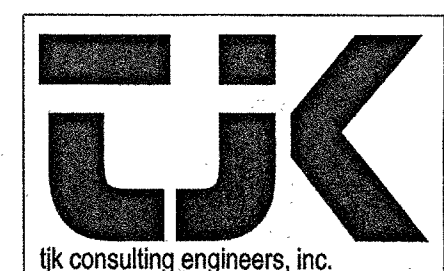


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CITY OF LAS VEGAS
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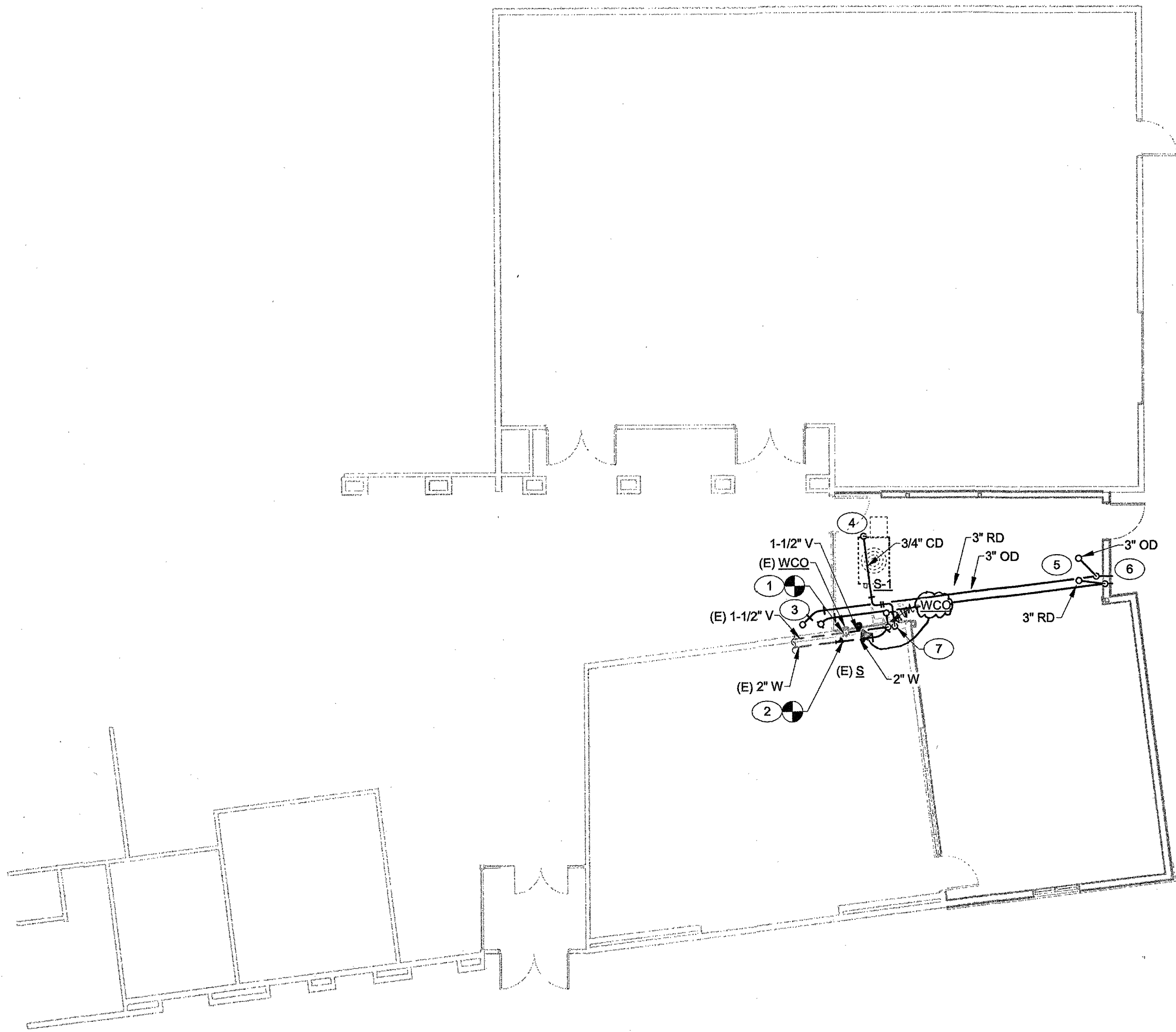


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	HANSEN 6571
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P3.01



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4. ALL DENOTED "(E)" EXISTING, ARE DEPICTED FOR REFERENCE AND ARE FROM EXISTING RECORD DOCUMENTS, BUT DO NOT REPRESENT EXACT LOCATION OF INSTALLATION. CONTRACTOR SHALL USE THESE NOTES AS REFERENCE AND SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
5. PRIOR TO DETAILING & INSTALLING PLUMBING PIPING COORDINATE EXACT ROUTING AND ELEVATIONS WITH MECHANICAL, ELECTRICAL, AND FIRE SPRINKLER CONTRACTORS. PROVIDE WRITTEN CONFIRMATION THAT THIS COORDINATION HAS BEEN IMPLEMENTED PRIOR TO PROCEEDING WITH INSTALLATION OF PIPING.
6. ALL PLUMBING FIXTURES SHALL HAVE A TRAP INSTALLED AND SHALL BE PROPERLY VENTED IN ORDER TO MAINTAIN THE TRAP SEAL.

KEYNOTES (X)

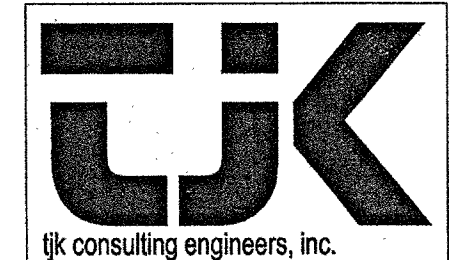
1. CONNECT NEW 1-1/2" V PIPING FROM S-1 TO EXISTING 1-1/2" V PIPING. FIELD VERIFY POINT OF CONNECTION.
2. CONNECT NEW 2" W PIPING FROM S-1 TO EXISTING 2" W PIPING. FIELD VERIFY INVERT ELEVATION AND POINT OF CONNECTION.
3. CONNECT NEW 3" RD & OD PIPING TO EXISTING RD & OD ABOVE ON ROOF. FIELD VERIFY POINT OF CONNECTION.
4. 3/4" CD PIPING FROM ABOVE.
5. 3" RD & OD PIPING FROM ABOVE.
6. 3" RD & OD PIPING DOWN IN WALL TO TERMINATE WITH RELOCATED EXISTING DOWN SPOUT NOZZELS AND SPILL 8" A.F.G. OVER A CONCRETE SPLASH BLOCK.
7. 3/4" CD PIPING DOWN IN WALL TO TERMINATE AT LAVATORY TAIL PIECE.

AS-BUILT

REVIEWED FOR CODE COMPLIANCE

SEP 13 2017 DM

CITY OF LAS VEGAS
BUILDING AND SAFETY



8728 Spanish Ridge Avenue,
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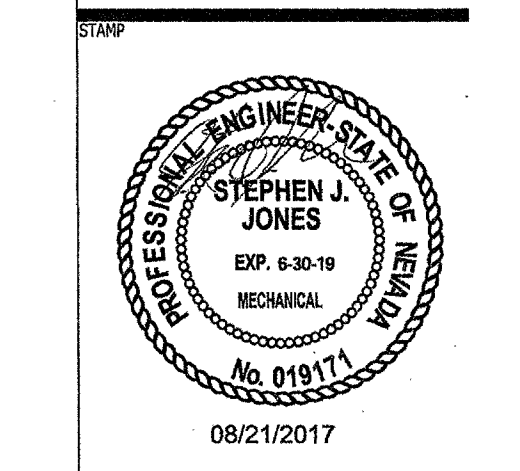
17028



REVISIONS

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novusarchitecturere.com

LIEBURN SENIOR CENTER
ADDITION
6230 GARWOOD AVE,
LAS VEGAS, NV 89107
PLUMBING FLOOR PLAN -
WASTE AND VENT



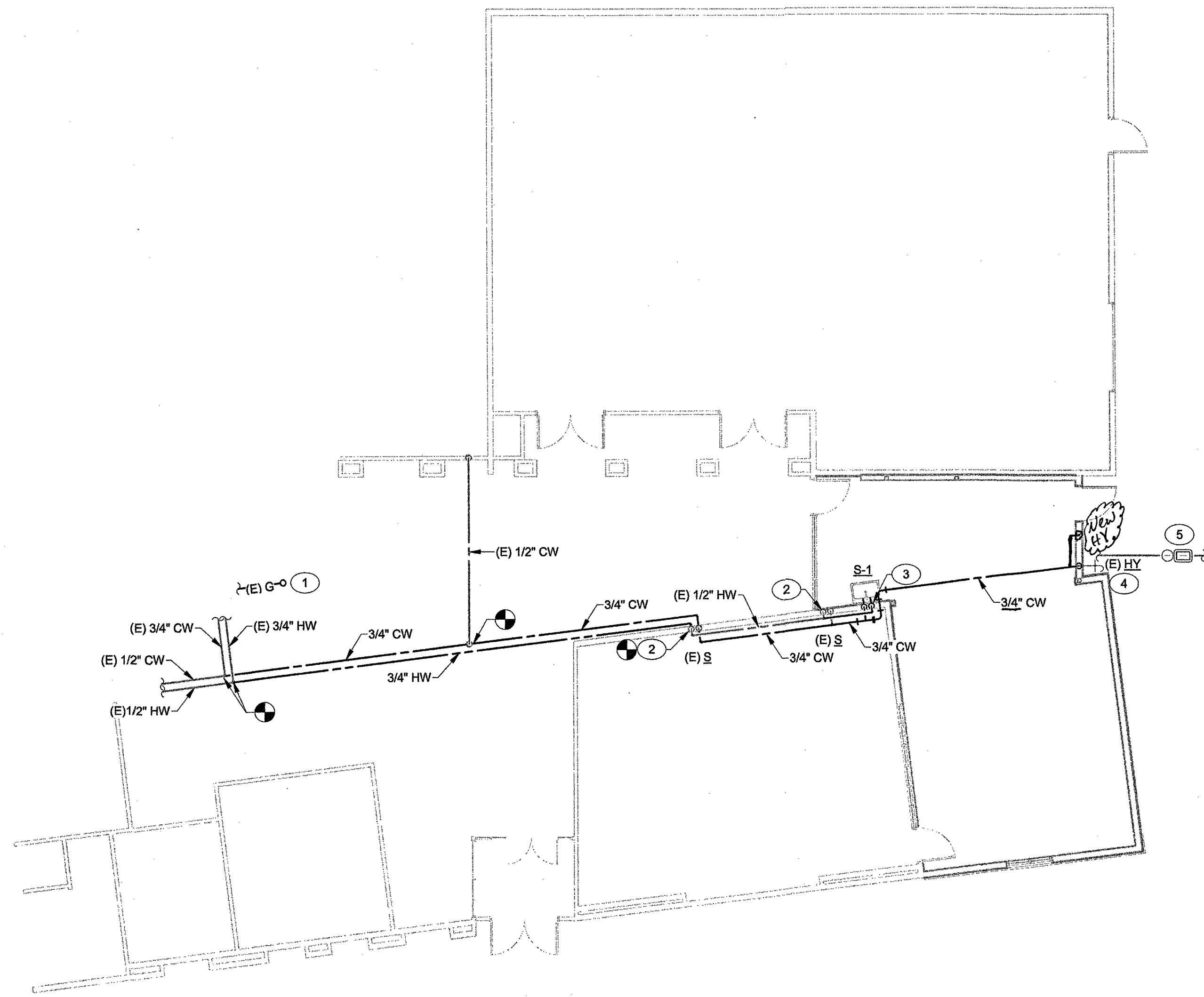
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
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DRAWN	TJK
FILE	LIEBURN SENIOR CENTER ADDITION.RVT
DATE	08/22/17
SCALE	1/8" = 1'-0"
BID NO	16,65771.DC
CLV DWG NO	513-499 I
	HANSEN 60771
SHT NO	

P1.01

1 PLUMBING FLOOR PLAN - WATER AND GAS
1/8" = 1'-0"



GENERAL NOTES

1. ALL PLUMBING FIXTURES SHALL BE WATER CONSERVATION TYPE AS MANDATED BY LOCAL BUILDING DEPARTMENT.
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6. ALL PLUMBING FIXTURES SHALL HAVE A TRAP INSTALLED AND SHALL BE PROPERLY VENTED IN ORDER TO MAINTAIN THE TRAP SEAL.

KEYNOTES (X)

- 1 (E) 2" G PIPING UP THRU ROOF.
- 2 (E) 1/2" CW & HW DOWN TO FIXTURE.
- 3 1/2" CW & HW DOWN TO FIXTURE.
- 4 RELOCATED EXISTING WALL HYDRANT.
- 5 RELOCATED EXISTING IRRIGATION VALVE BOXES.



REVISIONS

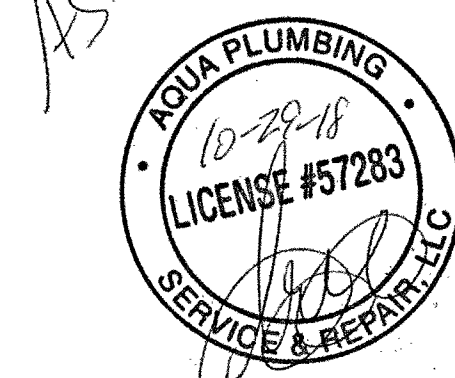
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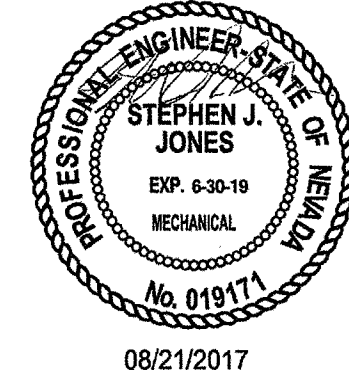
PLUMBING FLOOR PLAN -
WATER AND GAS



REVIEWED FOR CODE COMPLIANCE

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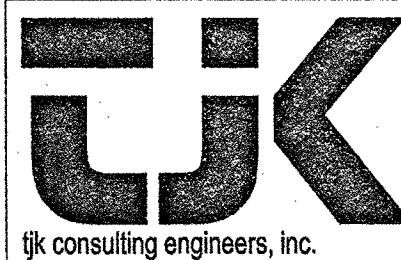
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08/21/2017

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DEPARTMENT OF PUBLIC WORKS

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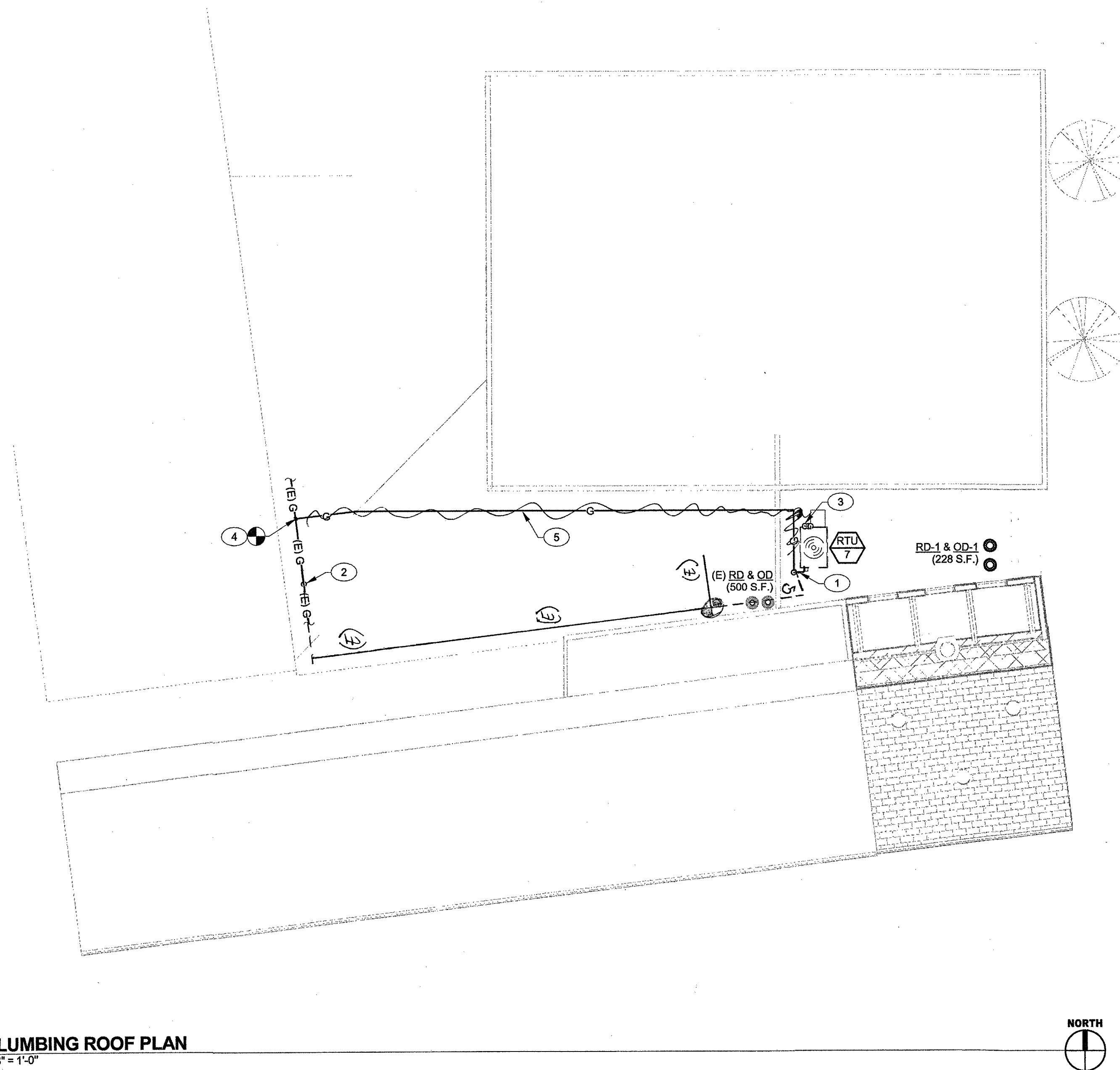
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DRAWN	TJK
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DATE	08/22/17
SCALE	1/8" = 1'-0"
BID NO	16.65771.DC
CLV DWG NO	513-499/1
	HANSEN 65771
SHT NO	

P2.01

1 PLUMBING ROOF PLAN
1/8" = 1'-0"

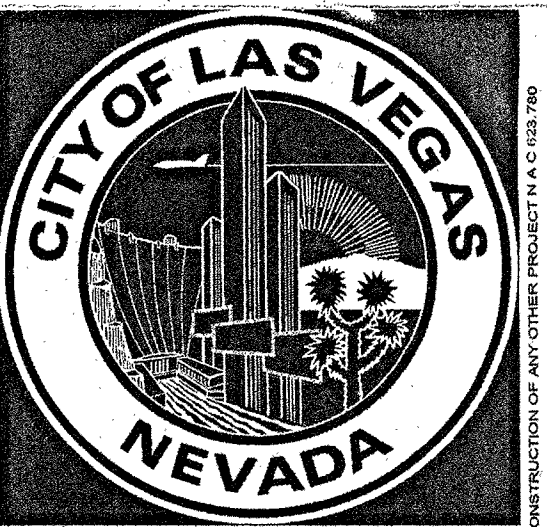


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KEYNOTES (X)

1. PROVIDE S.O.V.
2. (E) 2" G PIPING FROM BELOW.
3. 3/4" CD PIPING DOWN THRU ROOF.
4. FIELD VERIFY POINT OF CONNECTION.
5. SUPPORT GAS PIPING ON ROOF WITH B-LINE MODEL CE10-8. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



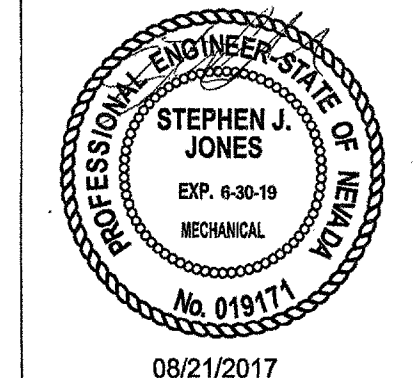
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PLUMBING ROOF PLAN

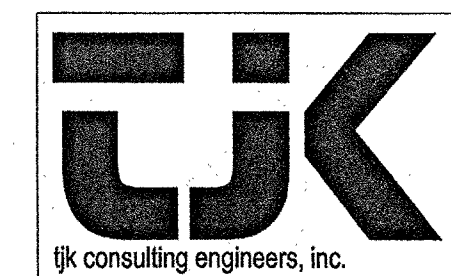


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	HANSEN 6571
SHT NO	

P3.01