


**City of Puyallup
Fire
REVIEWED
FOR
COMPLIANCE**
DDrake
05/09/2024
1:42:22 PM



THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

**City of Puyallup
Development & Permitting Services
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

FIRE SPRINKLER PLANS FOR

HOMewood SUITES

3500 SOUTH MERIDIAN PUYALLUP, WA. 98373

GENERAL CONTRACTOR

THARALDSON HOSPITALITY
4520 36TH AVENUE SOUTH
FARGO, ND. 58104

DISCOUNT FIRE PROTECTION, LLC.

4 RED BLUFF COURT
MANSFIELD, TX. 76063
Phone: (817) 821-1877

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.

DISCOUNT FIRE PROTECTION, LLC.
4 RED CLIFF COURT
MANSFIELD, TX. 76063
817-821-1877
SCR-G-2379798

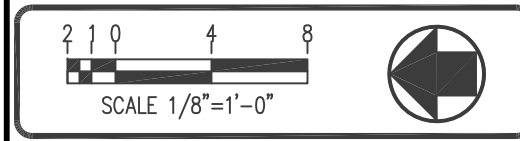
RME-SIGNATURE: *Timothy McBride*
PRINTED RME NAME: Timothy McBride
RME-G-0825 DATE:

AS-BUILT SUBMITTAL OTHER

Expires DEC 31, 24 WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS

Timothy P. McBride
0168-0424-C Level 3
Discount Fire Protection, LLC
DISCOFP763B5

Tim McBride 04/11/2024
Signature Date



NOTICE
ALL DOCUMENTS, INCLUDING ORIGINAL DRAWINGS, SPECIFICATIONS, FIELD NOTES, ESTIMATES AND DATA, INCLUDING COMPUTER PROGRAMS PURSUANT TO THIS PROJECT ARE AND WILL REMAIN THE PROPERTY OF DISCOUNT FIRE PROTECTION, LLC. COPY AS REPRESENTED TO BE SUITABLE FOR RE-USE BY THE CLIENT, OR OTHERS, ON EXTENSION OF THIS PROJECT OR FOR ANY OTHER PROJECT, ANY REUSE, OR ADAPTATION OF THE INFORMATION CONTAINED HEREIN, WITHOUT EXPRESS WRITTEN PERMISSION FROM DFP WILL BE AT THE CLIENT'S SOLE RISK, WITHOUT LIABILITY OR LEGAL EXPOSURE TO DFP, AND WILL ENTITILE DFP TO FURTHER COMPENSATION AT RATES TO BE AGREED ON BETWEEN DFP AND THE CLIENT. THE CLIENT SHALL ALSO INDEMNIFY AND HOLD DFP HARMLESS FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES, RESULTING FROM ANY SUCH PERMISSIONS.

IMPORTANT OWNER INFORMATION
ACCEPTANCE OF THE LATEST EDITION OF NFPA 99B AS THE APPLICABLE STD. FOR THE INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS, IF THE BUILDING OWNER HAS NOT RECEIVED A COPY OF THIS Pamphlet AND IS NOT FAMILIAR WITH THE OPERATION AND MAINTENANCE OF THIS SYSTEM, PLEASE CONTACT THE NEAREST OFFICE OF DISCOUNT FIRE PROTECTION, LLC.

NO.	Date	Revisions	By
1	4/12/24	Added Stamps	K.N.

DISCOUNT FIRE PROTECTION, LLC.
4 Red Bluff Court
Mansfield, Texas 76063
Phone: (817) 821-1877

Licensed in the States of:
TX Lic: SCR-G-2379798 CO Lic: 21-S-08105
CA Lic: 1650892 OK Lic: A3419
MD Lic: MSC-593 (Class I, IIIc)

Approval By: *Timothy McBride*
Date: _____ RME # G-0825

PROJECT: HOMEWOOD SUITES
3500 SOUTH MERIDIAN
PUYALLUP, WA. 98373

CONTRACT WITH: THARALDSON HOSPITALITY
4520 36TH AVENUE SOUTH
FARGO, ND. 58104

SYSTEM NO. PROJECT COVER SHEET DATE: 2-15-2024
DRAWN BY: K. Narong SCALE:
ENGINEER: _____
CHECKED BY: _____
ENGINEERING MANAGER: Timothy McBride A/E: City of Puyallup
LISTED BY: _____ SHEET NO.
BRANCH MANAGER: Timothy McBride
FS-1

SHT. 1 OF 9

HOMWOOD SUITES

Expires Dec 31, 24
WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS
 Timothy P. McBride
 0168-0424-C Level 3
 Discount Fire Protection, LLC
 DISCOFP763B5
Tim McBride
 Signature
 04/11/2024
 Date

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.

DISCOUNT FIRE PROTECTION, LLC.
 4 RED BLUFF COURT
 MANSFIELD, TX, 76063
 817-821-1877
 SCR-G-2379798

RME-SIGNATURE: Timothy McBride
 PRINTED RME NAME: DATE:
 RME-G-0825
 AS-BUILT SUBMITTAL OTHER

- General Notes**
1. INSTALLATION AND MATERIALS SHALL CONFORM TO N.F.P.A. 24 (2016), STATE AND LOCAL BUILDING CODES.
 2. ALL UNDERGROUND PIPING TO BE FLUSHED PRIOR TO CONNECTION WITH OVERHEAD SYSTEM PIPING, BY UTILITY CONTRACTOR.
 3. ALL UNDERGROUND PIPE SIZED, MATERIALS AND LOCATIONS TO BE FIELD VERIFIED PRIOR TO INSTALLATION OF FIRE PROTECTION SYSTEMS.
 4. ALL UNDERGROUND IS TO BE SUBJECTED TO A HYDROSTATIC TESTING OF 200PSI FOR 2 HOURS OR 50 PSI ABOVE STATIC PRESSURE IN EXCESS OF 150 PSI.
 5. THE MINIMUM BURY DEPTH FOR ALL UNDERGROUND PIPE IS TO BE PER N.F.P.A. 24 (2016) AND LOCAL STANDARDS.

	1st Floor	2nd Floor	3rd Floor	4th Floor	5th Floor	TOTAL
Total Residential Units	10	23	25	25	25	108
Total Area Protected by System Riser per Floor						
Wet System (sq.ft.)	24,700	19,100	19,900	19,900	19,900	

Material Information Notes

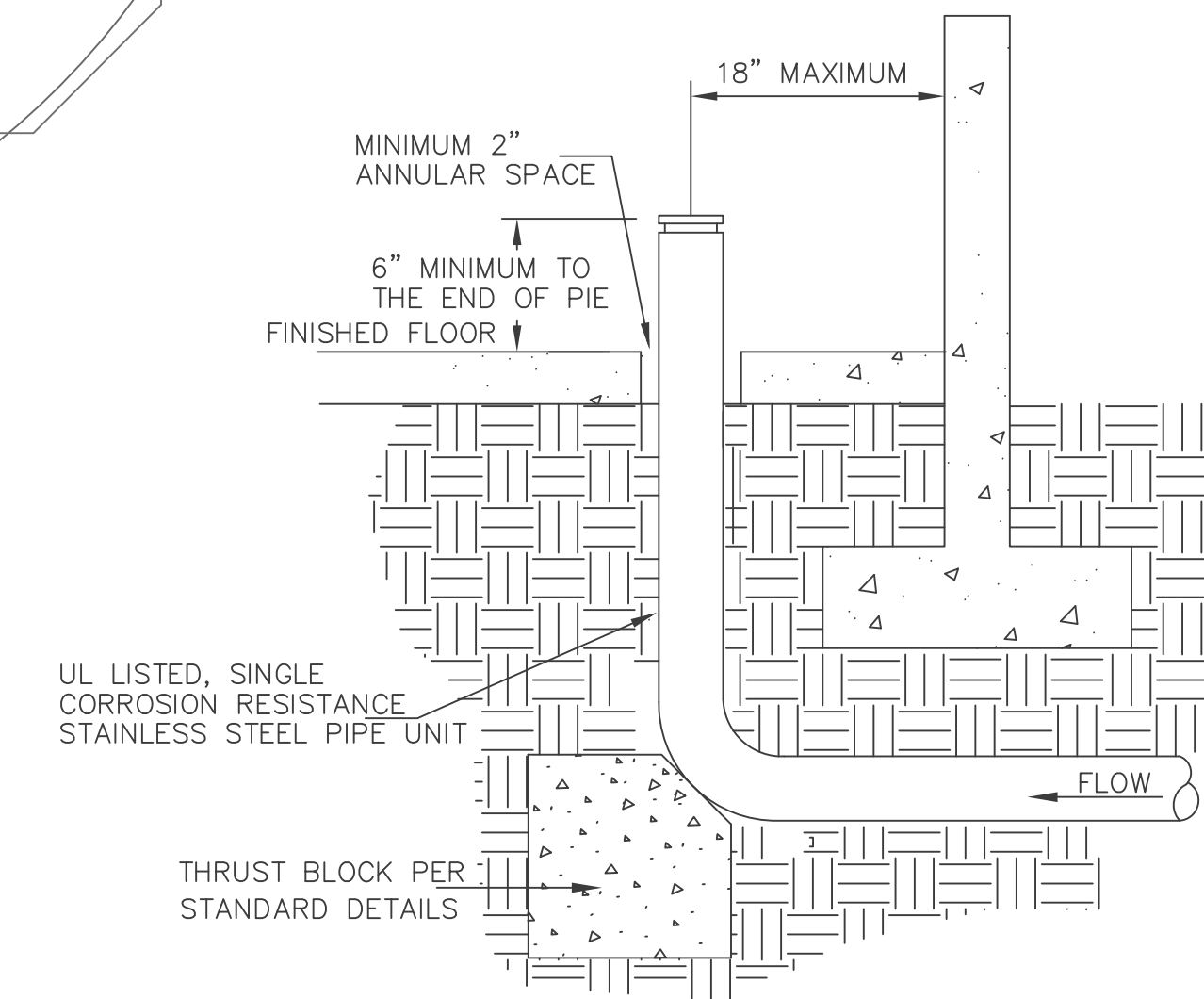
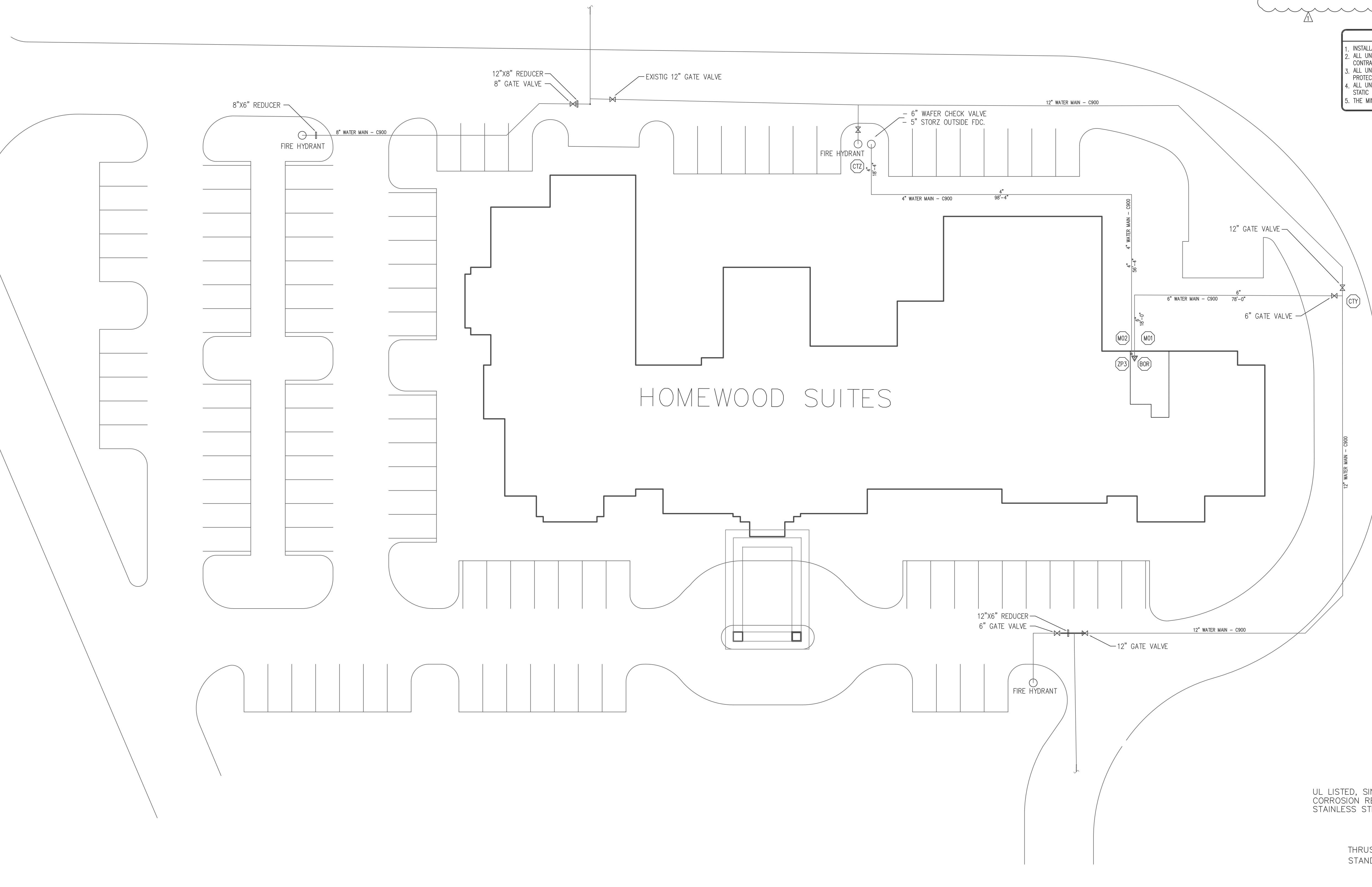
- Underground Pipe:**
 6" C-900 installed by others.
Building Stub-up:
 6" Ductile Iron installed by others.
Fire Department Connection Information:
 5" STORZ outside FDC installed by others.

NOTE: DFP'S CONTRACT START AT 1'-0" AFF.

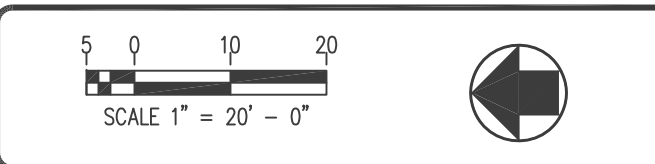
NOTE: ALL UNDERGROUND SHOWN IS FOR REFERENCE ONLY, INSTALLED BY OTHERS

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



UNDER FOUNDATION RISER DETAIL
 NTS.



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IMPORTANT OWNER INFORMATION
 ACCEPTANCE OF THE LATEST EDITION OF NFPA #25 AS THE APPLICABLE STD. FOR THE INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS. IF THE BUILDING OWNER HAS NOT RECEIVED A COPY OF THIS PAMPHLET AND/OR IS NOT FAMILIAR WITH THE OPERATION AND MAINTENANCE OF THIS SYSTEM PLEASE CONTACT THE NEAREST OFFICE OF DISCOUNT FIRE PROTECTION, LLC.

NO.	Date	Revisions	By
1	4/12/24	Added Stamps	K.N.

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 4 Red Bluff Court
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Approval By: *Timothy McBride*
 Timothy McBride RME # G-0825
 Date:

PROJECT: **HOMWOOD SUITES**
 3500 SOUTH MERIDIAN
 PUYALLUP, WA, 98373

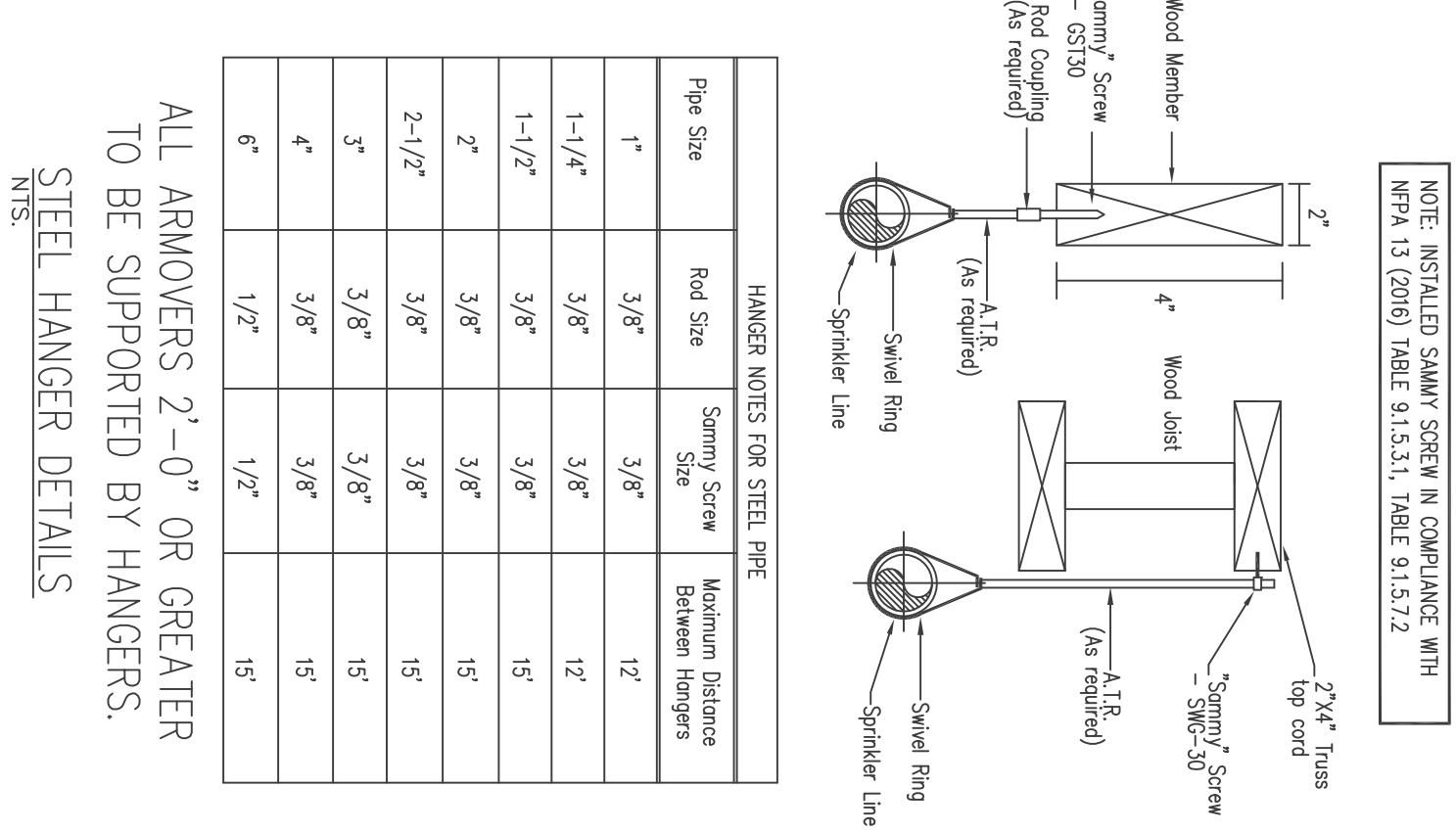
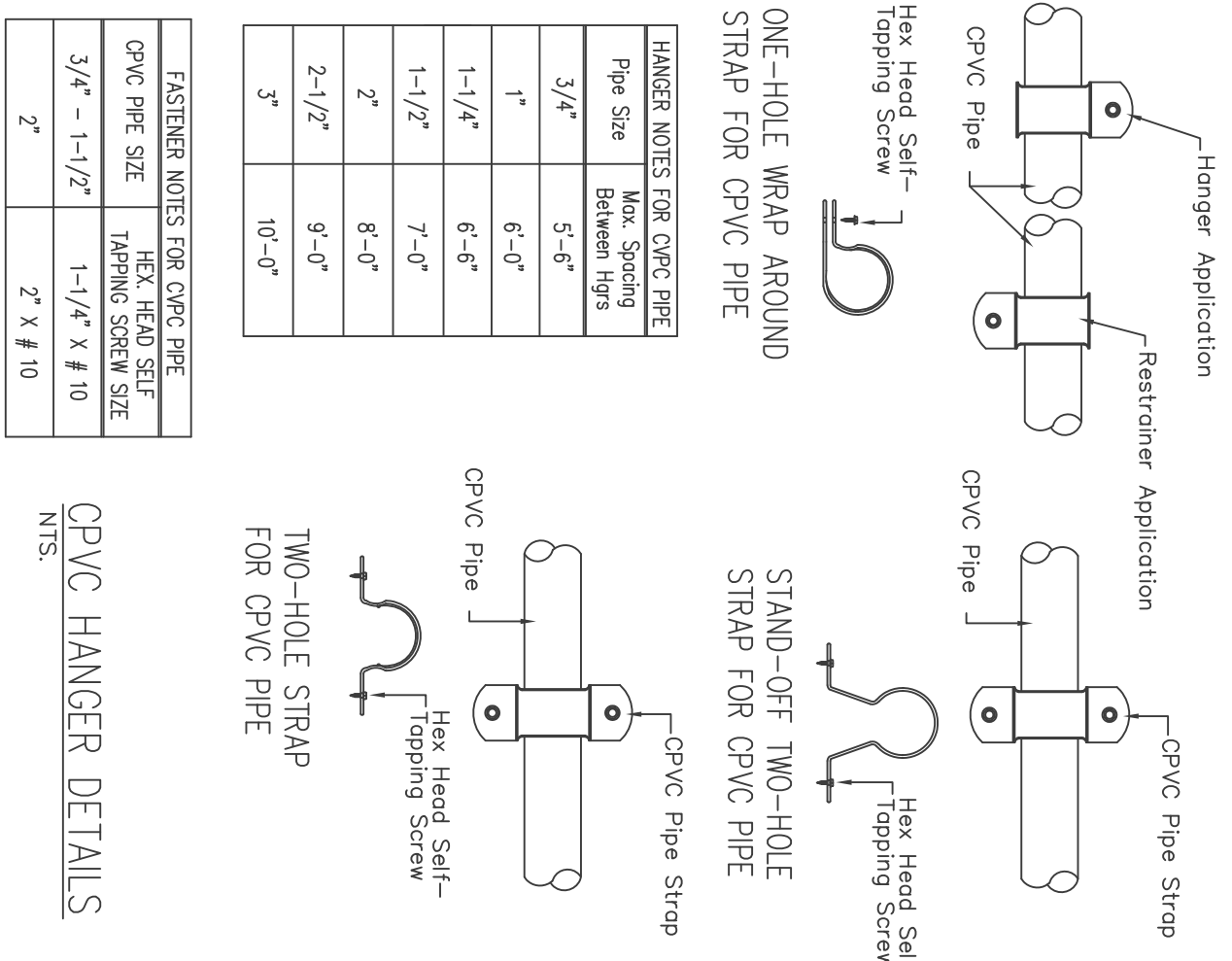
CONTRACT WITH: **THARALDSON HOSPITALITY**
 4520 36TH AVENUE SOUTH
 FARGO, ND, 58104

SYSTEM NO: **SITE PLAN** DATE: 2-15-2024
 DRAWN BY: K. Norong SCALE: 1" = 20'-0"
 ENGINEER: **Timothy McBride** City of Puyallup
 CHECKED BY: **Timothy McBride** AHR
 LISTED BY: **Timothy McBride** SHEET NO.
 BRANCH MANAGER: **Timothy McBride**

FS-2
 SHEET 2 OF 9

HOMewood SUITES

- General Plan Notes**
1. Installation and materials shall conform to NFPA 13 (2016), State, and Local Codes.
 2. Sprinkler spacing, locations, and types shall conform to NFPA 13 (2016), State, and Local codes and installed in accordance with the architectural reflected ceiling plans. Coordinate with other trades prior to installation to avoid conflict on site.
 3. Fire sprinkler system is a hydraulically calculated wet system. Piping shall be hydrostatically tested for 2 hours.
 4. Hanger spacing, locations, and types shall conform to NFPA-13 (2016), State, and Local Codes.
 5. Alarms shall conform to NFPA 13 (2016), State, and Local Codes. (Installed by others).
 6. CPVC pipe size 3/4" to 3" and CPVC fittings in building except as otherwise noted, per NFPA 13.
 7. Steel piping sizes 1/2" to 1-1/2" to be threaded with cast iron fittings or pipe size 2" and larger to be threaded with duct iron fittings or pipe size 2" and larger.
 8. All pipe elevations are to be based on the following:
 - 1st floor main elevation: 9'-4" AFF. (line elevation: 9'-10" AFF.)
 - 2nd, 3rd, 4th floor main elevation: 8'-6" AFF. (line elevation: 8'-10" AFF.)
 9. All wiring to be completed by others, as required by contractor.
 10. Painting to be completed by others, as required by contractor.
 11. Owner to maintain insulation after occupancy of building.
 12. All hydraulic data to be completed and permanently fixed to the riser.



Water Supply Information

Flow Test	52 psi
RESIDUAL PRESSURE	51 psi
FLOW IN G.P.M.	754 gpm
DATE OF TEST	1-26-24
TIME OF TEST	1:00 PM
TEST TAKEN BY	Ted Lee
FURNISHED BY	Friedrich Mutual Water Company
HYDRANT LOCATION	3501 9th Street Southwest

Material Information Notes

Pipe Sizes 3" to 2".

Welding's M.I. Ltd.

Pipe Sizes 2" - Schedule 10

Pipe Sizes 3/4" to 3" - NFPA 13

Buyers Name

Job Plan Notes

TYPE OF CONSTRUCTION: Wood/Nonconcrete

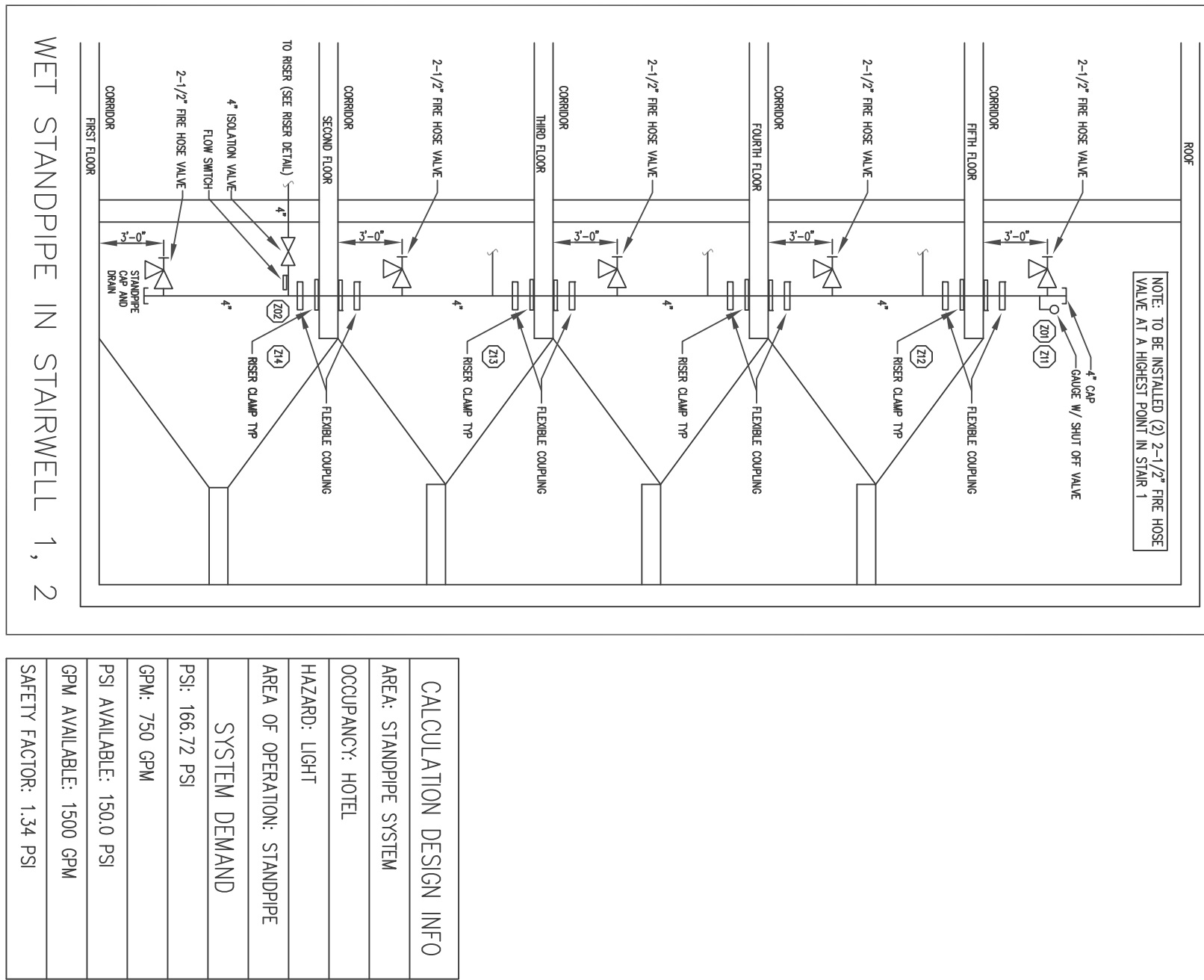
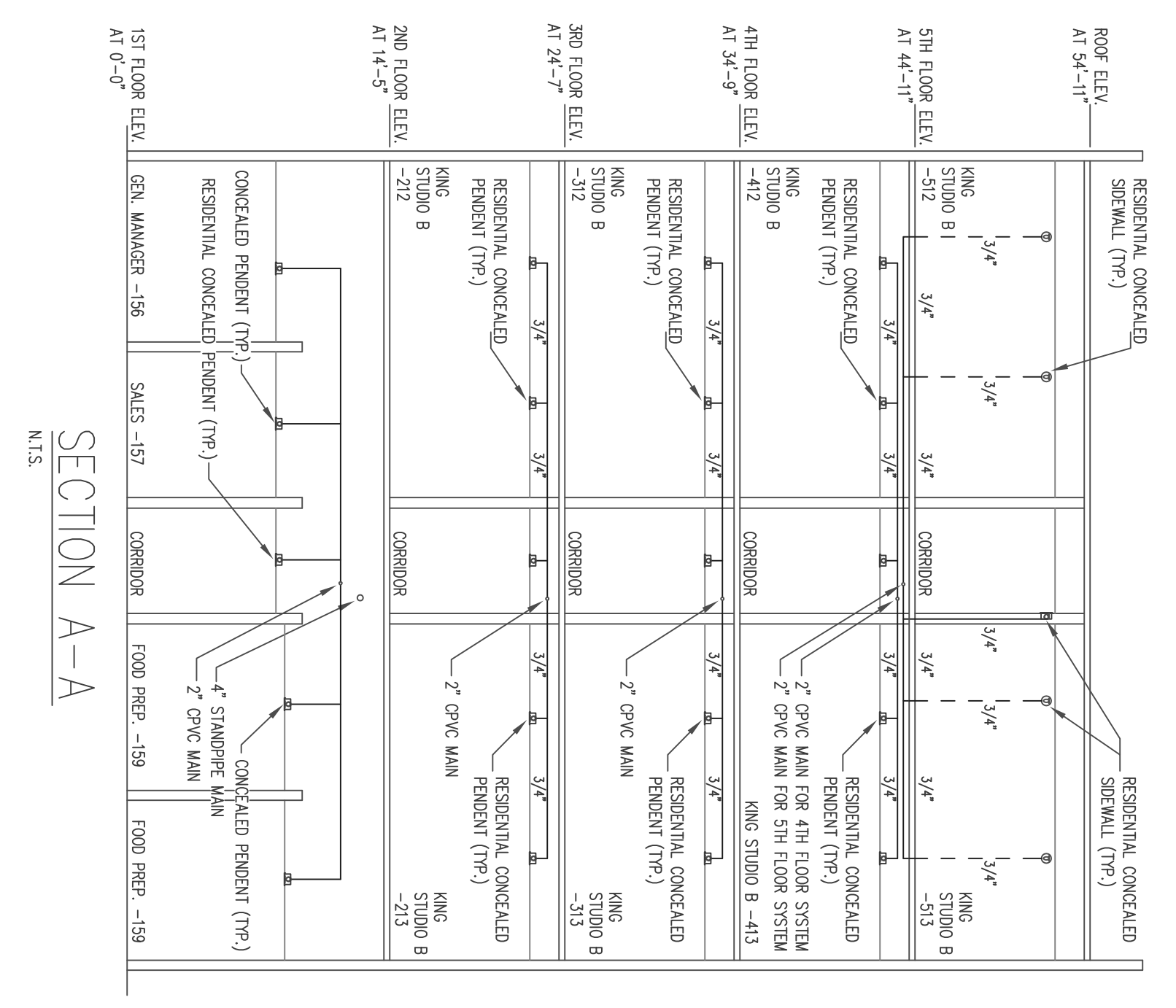
TYPE OF CONSTRUCTION: Light Hazard/Hotel

DESIGN APPROVAL: DCSN APPROVED

4 Most Demanding Area/Gravity

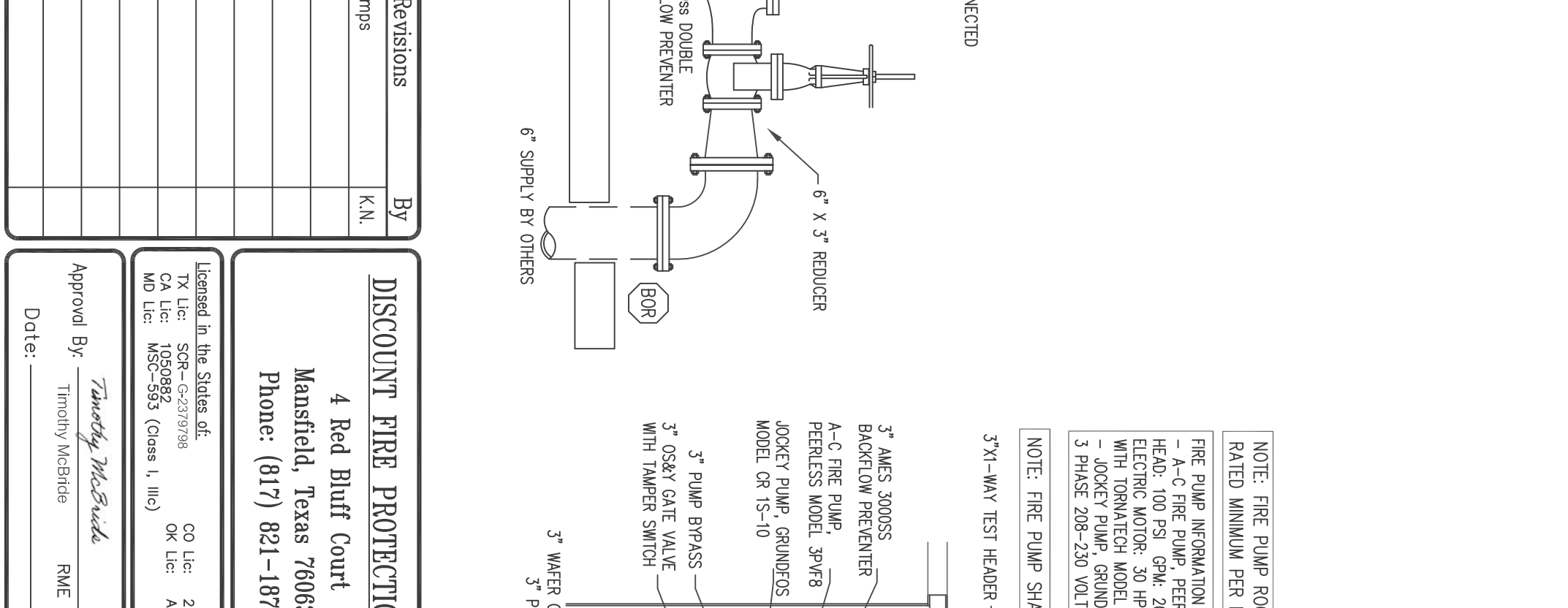
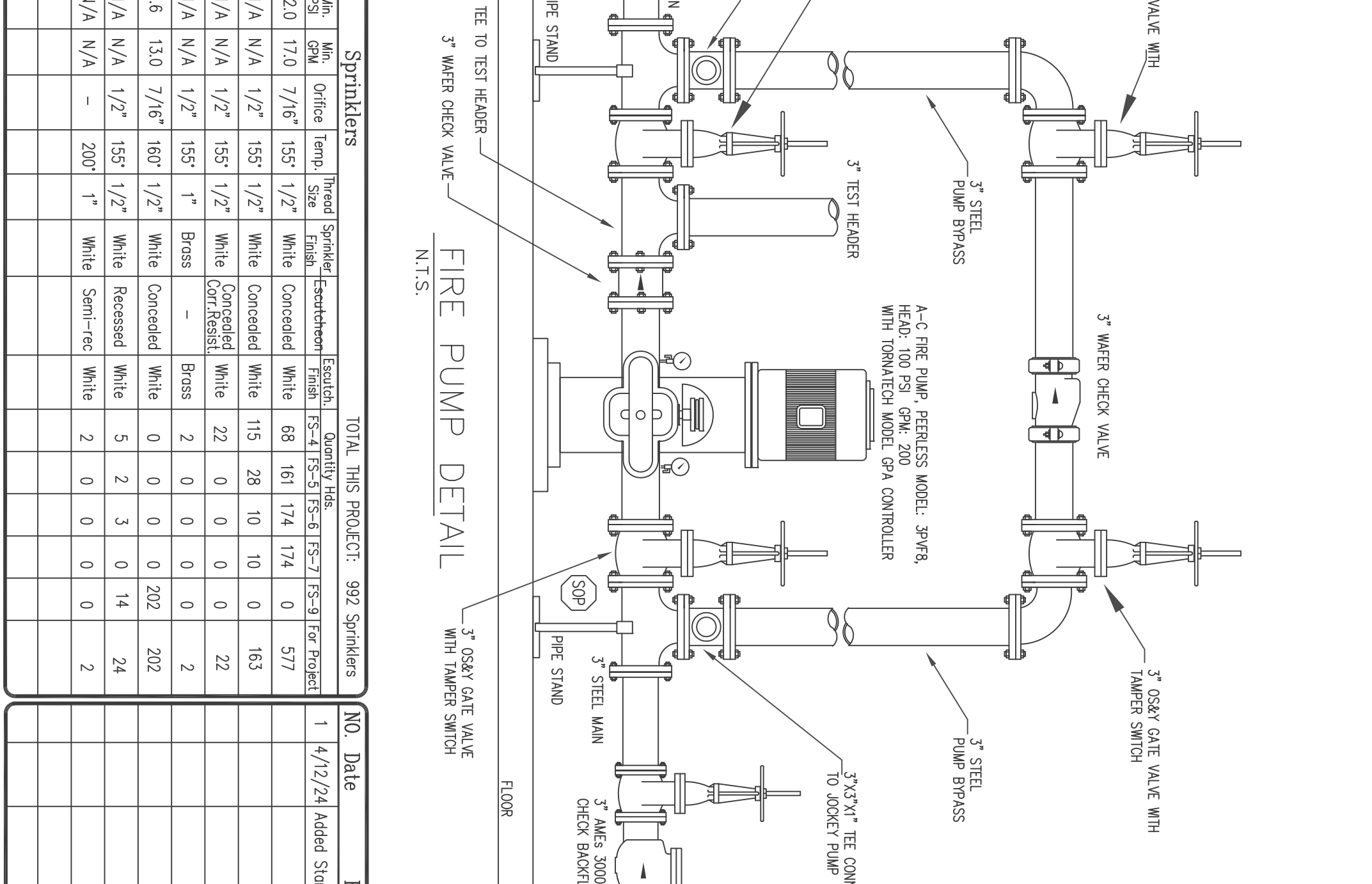
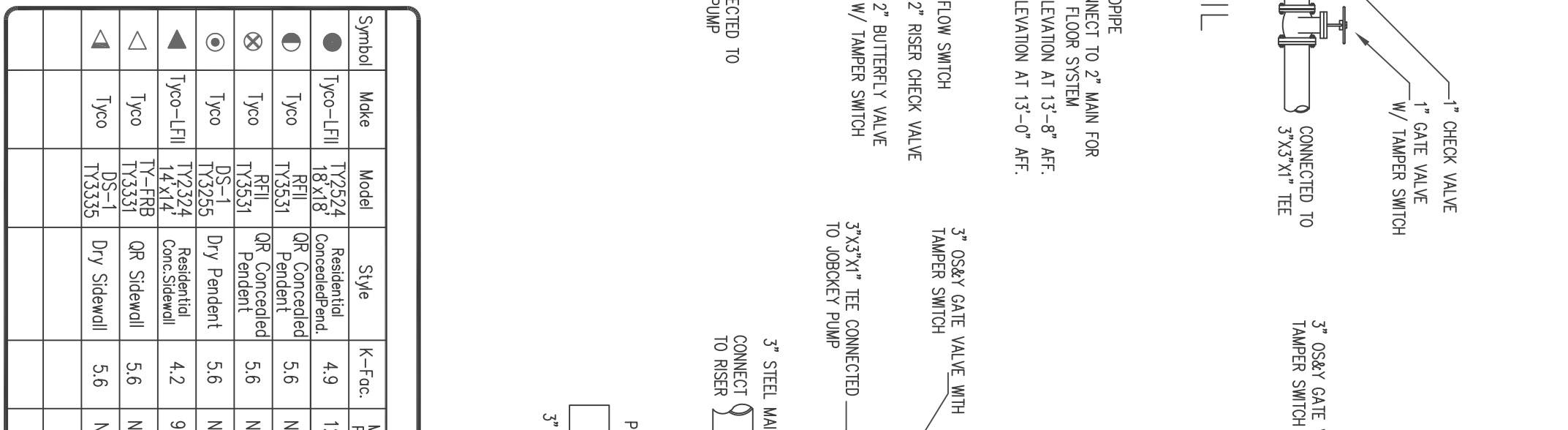
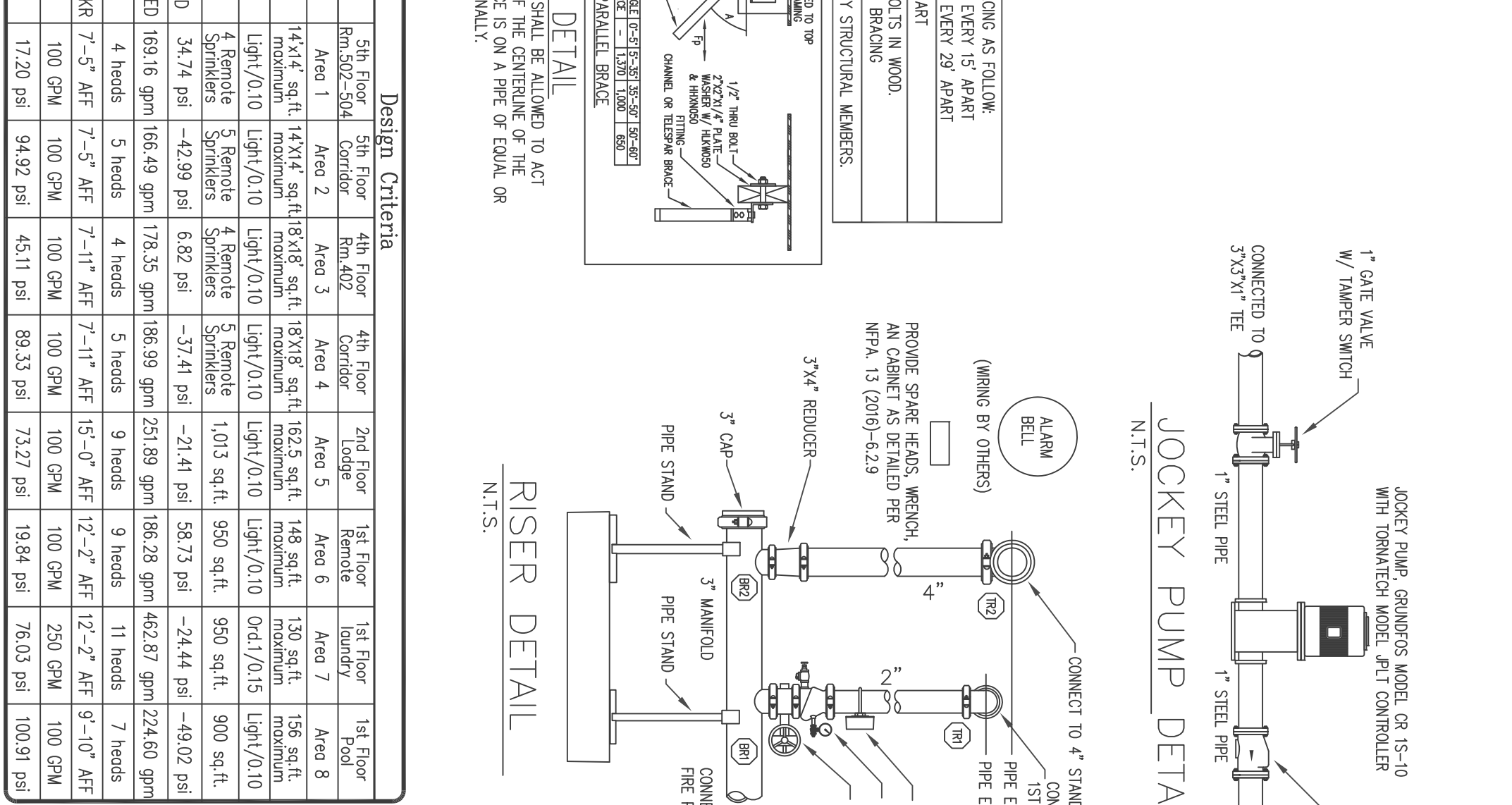
Design Criteria

SYSTEM NAME	5th Floor	5th Floor	4th Floor	4th Floor	2nd Floor	1st Floor	1st Floor	1st Floor
SYSTEM NO.	Area 1	Area 2	Area 3	Area 4	Area 5	Area 7	Area 7	Area 7
SPRINKLER AREA	14,414 sq.ft. 14,414 sq.ft. 18,318 sq.ft. 18,318 sq.ft. 148 sq.ft. 130 sq.ft. 156 sq.ft. 156 sq.ft.	medium	medium	medium	medium	medium	medium	medium
HAZARD/RESIST DESIGN AREA	Light/0/10	Light/0/10	Light/0/10	Light/0/10	Light/0/10	Light/0/10	Light/0/10	Light/0/10
SYSTEM PS REQUIRED	34.74 psi	42.39 psi	6.82 psi	-37.41 psi	-21.41 psi	58.73 psi	-24.44 psi	-18.02 psi
SYSTEM GPM REQUIRED	16316 gpm	168.49 gpm	78.33 gpm	86.99 gpm	251.89 gpm	188.28 gpm	462.87 gpm	224.60 gpm
NO. SPRK	4 heads	5 heads	4 heads	5 heads	9 heads	9 heads	4 heads	7 heads
ELEV. @ HIGHEST SPRK	7'-5" AFF.	7'-5" AFF.	7'-11" AFF.	7'-11" AFF.	15'-0" AFF.	12'-2" AFF.	12'-2" AFF.	9'-10" AFF.
NO. SPRK	100 GPM	100 GPM	100 GPM	100 GPM	100 GPM	100 GPM	250 GPM	100 GPM
SAFETY FACTOR	17.20 psi	94.92 psi	45.11 psi	89.33 psi	73.27 psi	19.84 psi	76.03 psi	100.91 psi



CALCULATION DESIGN INFO

AREA: STANDPIPE SYSTEM	
OCCUPANCY: HOTEL	
HAZARD: LIGHT	
AREA OF OPERATION: STANDPIPE SYSTEM DEMAND	
PSI: 166.72 PSI	
GPM: 750 GPM	
PSI AVAILABLE: 150.0 PSI	
GPM AVAILABLE: 1500 GPM	
SAFETY FACTOR: 1.34 PSI	



Discount Fire Protection, LLC.

4 Red Bluff Court
Mansfield, Texas 76063
Phone: (817) 821-1877

Located in the State of TX Lic: SC-0000079788
CO Lic: 21-5-09105
MD Lic: MS-0593 (Class 1, 1b)
OK Lic: A-419

Approved By: *Timothy McBride*
Date: _____

Project: HOMEWOOD SUITES
3500 SOUTH MENDIAN
PUYALLUP, WA 98973

Contract With: THARALDSON HOSPITALITY
4620 30TH AVENUE SOUTH
FARGO, ND 58104

SYSTEM NO. _____ DATE: 2-15-2024
SCALE: 1/8" = 1'-0"

DESIGN BY: K. Noring
CHECK BY: Timothy McBride
DATE: _____

SHEET NO. **RS-3**

WASHINGTON STATE
EMERGENCY
FIRE SPRINKLER SYSTEMS

Eric S. Zia
Timothy P. McBride
0168-0424-C Level 3
Discount Fire Protection, LLC
DISCOFP76385

Tim McBride
Signature
Date: 04/11/2024

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.

DISCOUNT FIRE PROTECTION, LLC.
RED RIVER COURSE
MANSFIELD, TX 76063
817-821-1877
SCR-C-2379798

NAME: *Timothy McBride*
TITLE: *Timothy McBride*
DATE: _____

AS-BUILT ORIGINAL OTHER

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building
Engineering
Public Works
Fire
Traffic

HOMewood SUITES

Expires **DEC 31, 24**
WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS

Timothy P. McBride
 0168-0424-C Level 3
 Discount Fire Protection, LLC
 DISCOFP763B5

Tim McBride 04/11/2024
 Signature Date

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

NOTE:
 ○ = HANGER FOR CPVC PIPE
 × = HANGER FOR STEEL PIPE
 ○ = CPVC PIPE WITH DIAMETER AND LENGTH
 ○-x" = STEEL PIPE WITH DIAMETER AND LENGTH

STEEL BRACING:
 LONG = Longitudinal sway bracing
 LAT = Lateral sway bracing
 4-WAY = Four-way sway bracing

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 DISCOUNT FIRE PROTECTION, LLC.
 4 RED BLUFF COURT
 MANSFIELD, TX. 76063
 817-821-1877
 SCR-G-2379798

RME-SIGNATURE: *Timothy McBride*
 PRINTED RME NAME: Timothy McBride
 RME-G-0825 DATE: _____
 AS-BUILT SUBMITTAL OTHER

HYDRAULIC CALCULATION DESIGN INFO

CALC AREA: 8 - 1ST FLOOR POOL
 OCCUPANCY: HOTEL
 HAZARD: LIGHT
 DENSITY: 0.10
 AREA OF OPERATION: 900 SQ.FT.
 AREA PER HEAD: 156 SQ. FT. MAXIMUM
 HOSE ALLOWANCE: INSIDE - OUTSIDE 100 COMBINED 100

SYSTEM DEMAND

TOTAL PSI DEMAND: -49.02 PSI
 TOTAL GPM DEMAND: 224.60 GPM
 TOTAL PSI AVAILABLE: 51.89 PSI
 SAFETY FACTOR: 100.91 PSI

HYDRAULIC CALCULATION DESIGN INFO

CALC AREA: 7 - 1ST FLOOR LAUNDRY
 OCCUPANCY: HOTEL
 HAZARD: LIGHT
 DENSITY: 0.15
 AREA OF OPERATION: 950 SQ.FT.
 AREA PER HEAD: 130 SQ. FT. MAXIMUM
 HOSE ALLOWANCE: INSIDE - OUTSIDE 250 COMBINED 250

SYSTEM DEMAND

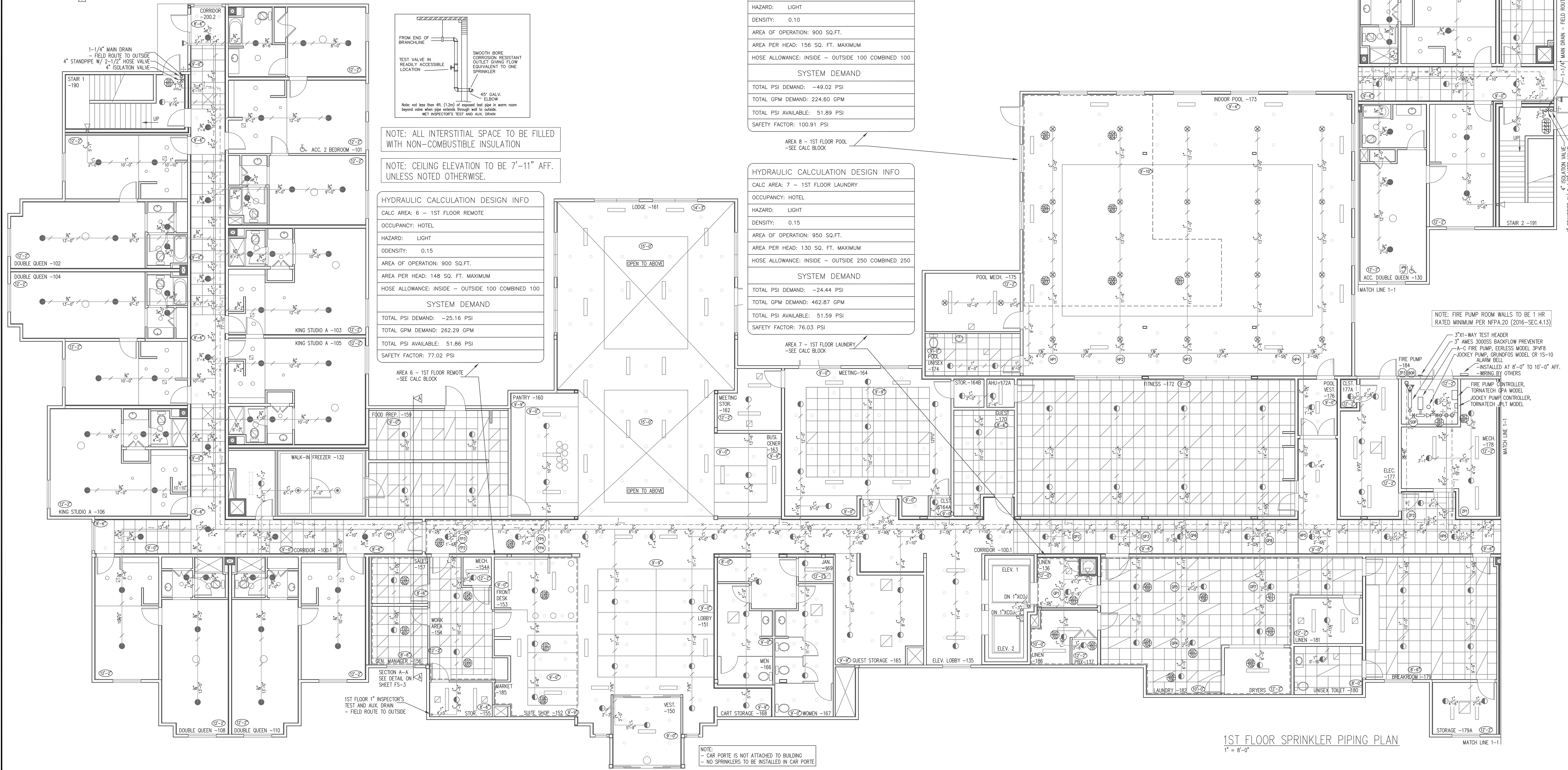
TOTAL PSI DEMAND: -24.44 PSI
 TOTAL GPM DEMAND: 462.87 GPM
 TOTAL PSI AVAILABLE: 51.59 PSI
 SAFETY FACTOR: 76.03 PSI

HYDRAULIC CALCULATION DESIGN INFO

CALC AREA: 6 - 1ST FLOOR REMOTE
 OCCUPANCY: HOTEL
 HAZARD: LIGHT
 DENSITY: 0.15
 AREA OF OPERATION: 900 SQ.FT.
 AREA PER HEAD: 148 SQ. FT. MAXIMUM
 HOSE ALLOWANCE: INSIDE - OUTSIDE 100 COMBINED 100

SYSTEM DEMAND

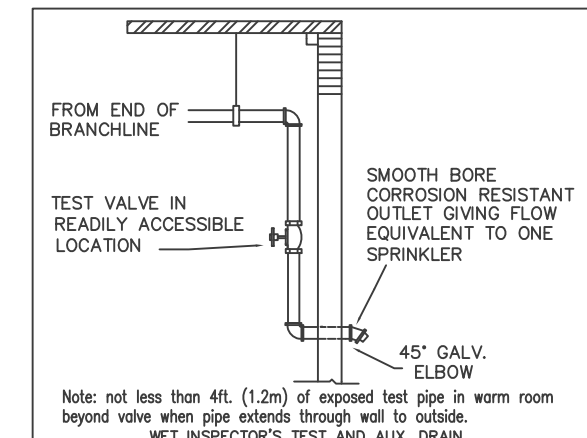
TOTAL PSI DEMAND: -25.16 PSI
 TOTAL GPM DEMAND: 262.29 GPM
 TOTAL PSI AVAILABLE: 51.86 PSI
 SAFETY FACTOR: 77.02 PSI



1ST FLOOR SPRINKLER PIPING PLAN
 1" = 8'-0"

<p>2 1 0 4 8 SCALE 1/8"=1'-0"</p> <p>NOTICE ALL DOCUMENTS, INCLUDING ORIGINAL DRAWINGS, SPECIFICATIONS, FIELD NOTES, ESTIMATES AND DATA, INCLUDING CONVEYOR PROGRAMS PURSUANT TO THIS PROJECT ARE AND WILL REMAIN THE PROPERTY OF DISCOUNT FIRE PROTECTION, LLC. ANY REPRESENTATION TO BE OBTAINABLE FOR REUSE BY THE CLIENT OR OTHERS, ON OR OUTSIDE OF THIS PROJECT OR FOR ANY OTHER PROJECT, ANY REUSE, OR ADAPTATION OF THE INFORMATION CONTAINED HEREIN, WITHOUT EXPRESS WRITTEN PERMISSION FROM DISCOUNT FIRE PROTECTION, LLC, SHALL BE AT THE CLIENT'S SOLE RISK WITHOUT LIABILITY TO DISCOUNT FIRE PROTECTION, LLC. THE CLIENT SHALL ALSO INDICATE AND HOLD DISCOUNT FIRE PROTECTION, LLC HARMLESS FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES, INCURRED FROM ANY SUCH REUSE/ADAPTATION.</p> <p>IMPORTANT OWNER INFORMATION APPROVANCE OF THE LATEST EDITION OF NFPA 88 AS THE APPLICABLE STD. FOR THE INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS, IF THE BUILDING OWNER HAS NOT RECEIVED A COPY OF THE PARALLEL ADVICE IS NOT FAMILIAR WITH THE OPERATION AND MAINTENANCE OF THIS SYSTEM PLEASE CONTACT THE NEAREST OFFICE OF DISCOUNT FIRE PROTECTION, LLC.</p>	<p>Water Supply Information</p> <p>Flow Test</p> <p>STATIC PRESSURE 52 psi</p> <p>RESIDUAL PRESSURE 51 psi</p> <p>FLOW IN G.P.M. 754 gpm</p> <p>DATE OF TEST 1-26-24</p> <p>TIME OF TEST 1:00 PM.</p> <p>TEST TAKEN BY Ted, Ed Fruitland Mutual Water Company</p> <p>HYDRANT LOCATION 3601 9th Street Southwest</p>	<p>Material Information Notes</p> <p>Pipe Sizes 1" to 2". Wheeland's MLI Pipe Sizes 2-1/2" and larger. Wheeland's Schedule 10 Pipe Sizes 3/4" to 3". NFPA 13 Blazemaster</p> <p>Job Plan Notes</p> <p>TYPE OF CONSTRUCTION: Wood/Noncombustible OCCUPANCY CLASSIFICATION: Light Hazard/Hotel DESIGN APPROACH: Area/Density 4 Most Demanding Area/Density</p>	<p>Design Criteria</p> <table border="1"> <thead> <tr> <th>SYSTEM NAME</th> <th>5th Floor Rm.502-504</th> <th>5th Floor Corridor</th> <th>4th Floor Rm.402</th> <th>4th Floor Corridor</th> <th>2nd Floor Lodge</th> <th>1st Floor Remote</th> <th>1st Floor laundry</th> <th>1st Floor Pool</th> </tr> </thead> <tbody> <tr> <td>SYSTEM NO.</td> <td>Area 1</td> <td>Area 2</td> <td>Area 3</td> <td>Area 4</td> <td>Area 5</td> <td>Area 6</td> <td>Area 7</td> <td>Area 8</td> </tr> <tr> <td>SPRINKLER AREA</td> <td>14'x14' sq.ft. maximum</td> <td>14'x14' sq.ft. maximum</td> <td>18'x18' sq.ft. maximum</td> <td>18'x18' sq.ft. maximum</td> <td>162.5 sq.ft. maximum</td> <td>148 sq.ft. maximum</td> <td>130 sq.ft. maximum</td> <td>156 sq.ft. maximum</td> </tr> <tr> <td>HAZARD/DENSITY</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Ord./0.15</td> <td>Light/0.10</td> <td>Light/0.10</td> </tr> <tr> <td>DESIGN AREA</td> <td>4 Remote Sprinklers</td> <td>5 Remote Sprinklers</td> <td>4 Remote Sprinklers</td> <td>5 Remote Sprinklers</td> <td>1,013 sq.ft.</td> <td>950 sq.ft.</td> <td>950 sq.ft.</td> <td>900 sq.ft.</td> </tr> <tr> <td>SYSTEM PSI REQUIRED</td> <td>34.74 psi</td> <td>-42.99 psi</td> <td>6.82 psi</td> <td>-37.41 psi</td> <td>-21.41 psi</td> <td>58.73 psi</td> <td>-24.44 psi</td> <td>-49.02 psi</td> </tr> <tr> <td>SYSTEM GPM REQUIRED</td> <td>169.16 gpm</td> <td>166.49 gpm</td> <td>178.35 gpm</td> <td>186.99 gpm</td> <td>251.89 gpm</td> <td>186.28 gpm</td> <td>462.87 gpm</td> <td>224.60 gpm</td> </tr> <tr> <td>NO. 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Sidewall	4.2	9.6	13.0	7/16"	160°	1/2"	White	Concealed	White	0	0	0	0	0	202	202	0	◁	Tyco	TY-FBB TY3331	QR Sidewall	5.6	N/A	N/A	1/2"	155°	1/2"	White	Recessed	White	5	2	3	0	14	24	0	0	◁	Tyco	TY3335	Dry Sidewall	5.6	N/A	N/A	—	200°	1"	White	Semi-rec	White	2	0	0	0	0	0	0	2	<p>Revisions</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>Date</th> <th>Revisions</th> <th>By</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4/12/24</td> <td>Added Stamps</td> <td>K.N.</td> </tr> </tbody> </table>	NO.	Date	Revisions	By	1	4/12/24	Added Stamps	K.N.	<p>DISCOUNT FIRE PROTECTION, LLC. 4 Red Bluff Court Mansfield, Texas 76063 Phone: (817) 821-1877</p> <p>Licensed in the State of: _____ TX Lic: SCR-G-2379798 CO Lic: 21-S-08105 CA Lic: 1050892 OK Lic: A3419 MD Lic: MSC-593 (Class 1, III)</p> <p>Approval By: <i>Timothy McBride</i> Timothy McBride RME # G-0825 Date: _____</p>	<p>PROJECT: HOMewood SUITES 3500 SOUTH MERIDIAN PUYALLUP, WA 98373</p> <p>CONTRACT WITH: THARALDSON HOSPITALITY 4520 36TH AVENUE SOUTH FARGO, ND 58104</p> <p>SYSTEM NO: 1ST FLOOR PIPING PLAN DATE: 2-15-2024 DRAWN BY: K. Norong SCALE: 1/8"=1'-0" CHECKED BY: Timothy McBride AN: City of Puyallup LISTED BY: Timothy McBride SHEET NO. BRANCH MANAGER: Timothy McBride</p> <p>FS-4</p>
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HOMEWOOD SUITES



NOTE: ALL INTERSTITIAL SPACE TO BE FILLED WITH NON-COMBUSTIBLE INSULATION

NOTE: CEILING ELEVATION TO BE 7'-11" AFF. UNLESS NOTED OTHERWISE.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

Expires DEC 31, 24
WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS

Timothy P. McBride
0168-0424-C Level 3
Discount Fire Protection, LLC
DISCOFFP763B5

Tim McBride 04/11/2024
Signature Date

STEEL BRACING:
LONG = Longitudinal sway bracing
LAT = Lateral sway bracing
4-WAY = Four-way sway bracing

NOTE:
H = HANGER FOR CPVC PIPE
X = CPVC PIPE WITH DIAMETER AND LENGTH
S-X = STEEL PIPE WITH DIAMETER AND LENGTH

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.
DISCOUNT FIRE PROTECTION, LLC.
4 RED BLUFF COURT
MANSFIELD, TX, 76063
817-821-1877
SCR-G-2379798

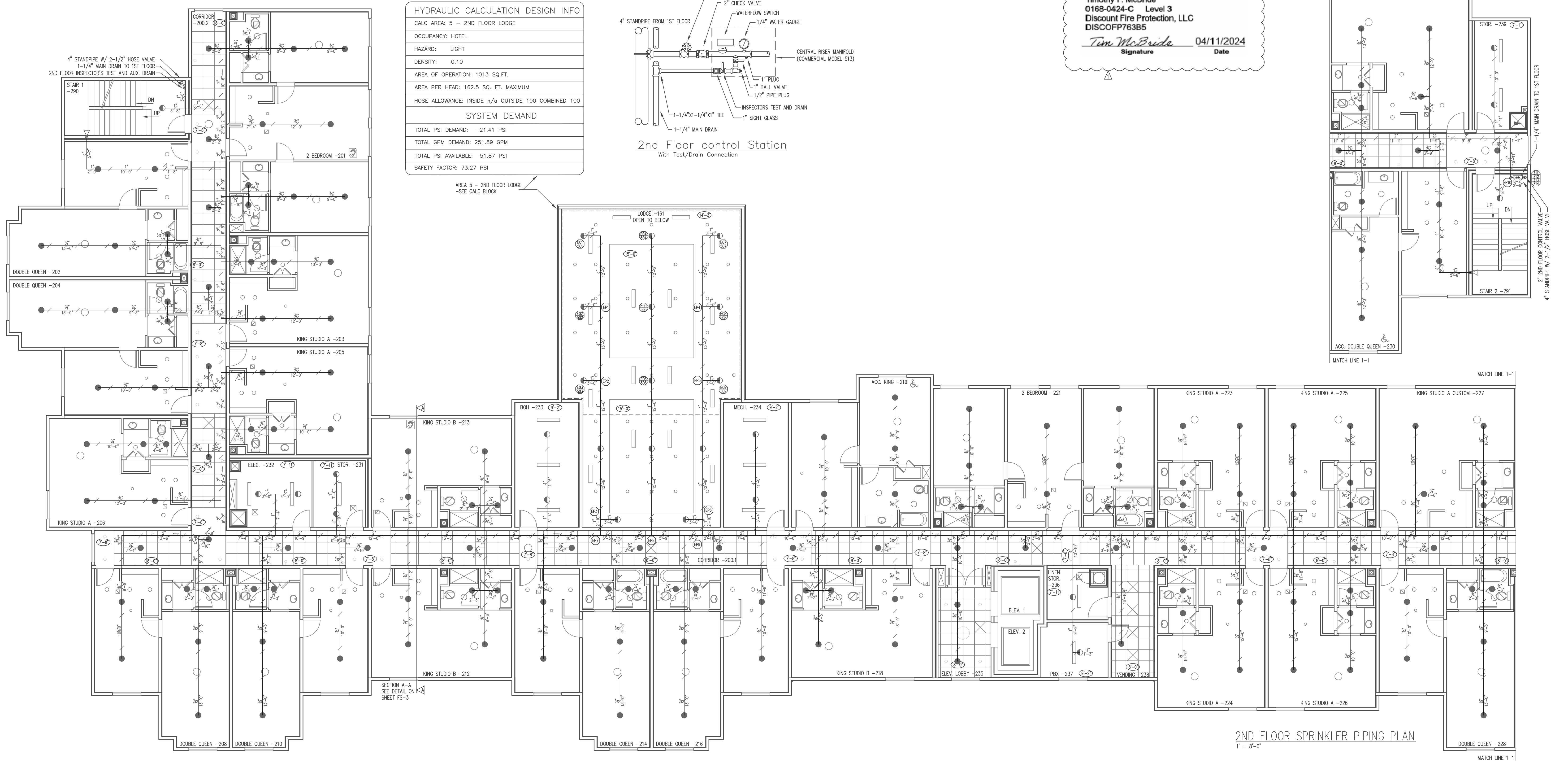
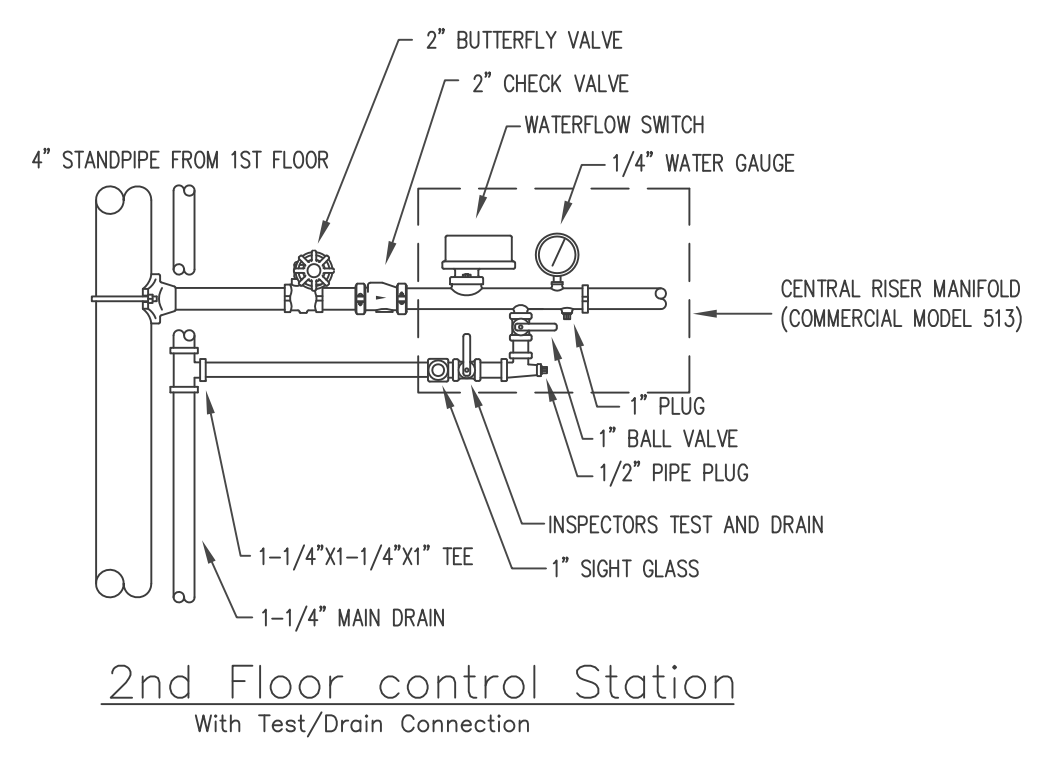
RME-SIGNATURE: *Timothy McBride*
PRINTED RME NAME: Timothy McBride
RME-G-0825 DATE:
 AS-BUILT SUBMITTAL OTHER

HYDRAULIC CALCULATION DESIGN INFO

CALC AREA: 5 - 2ND FLOOR LODGE
OCCUPANCY: HOTEL
HAZARD: LIGHT
DENSITY: 0.10
AREA OF OPERATION: 1013 SQ.FT.
AREA PER HEAD: 162.5 SQ. FT. MAXIMUM
HOSE ALLOWANCE: INSIDE n/a OUTSIDE 100 COMBINED 100

SYSTEM DEMAND

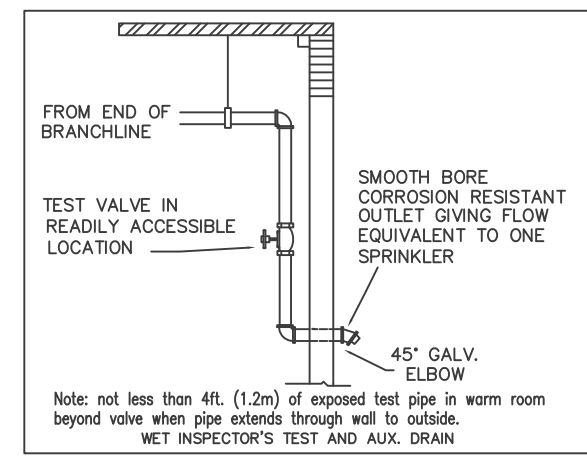
TOTAL PSI DEMAND: -21.41 PSI
TOTAL GPM DEMAND: 251.89 GPM
TOTAL PSI AVAILABLE: 51.87 PSI
SAFETY FACTOR: 73.27 PSI



2ND FLOOR SPRINKLER PIPING PLAN
1" = 8'-0"

<p>2 1 0 4 8</p> <p>SCALE 1/8"=1'-0"</p> <p>NOTICE ALL DOCUMENTS, INCLUDING ORIGINAL DRAWINGS, SPECIFICATIONS, FIELD NOTES, ESTIMATES AND DATA, INCLUDING COMPUTER PROGRAMS PURSUANT TO THIS PROJECT ARE AND WILL REMAIN THE PROPERTY OF DISCOUNT FIRE PROTECTION, LLC. ANY REPRODUCTION OR EXTENSION OF THIS PROJECT OR FOR ANY OTHER PROJECT, ANY REUSE, OR ADAPTATION OF THE INFORMATION CONTAINED HEREIN, WITHOUT EXPRESS WRITTEN PERMISSION OF DISCOUNT FIRE PROTECTION, LLC, IS STRICTLY PROHIBITED. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ANY AND ALL CLERICAL, ENGINEERING, LEGAL AND OTHER AGENCIES. 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NFPA 13 Blowmaster</p> <p>Job Plan Notes</p> <p>TYPE OF CONSTRUCTION: Wood/Noncombustible OCCUPANCY CLASSIFICATION: Light Hazard/Hotel DESIGN APPROACH: Area/Density 4 Most Demanding Area/Density</p>	<p>Design Criteria</p> <table border="1"> <tr><th>SYSTEM NAME</th><th>5th Floor Rm. 502-504</th><th>5th Floor Corridor</th><th>4th Floor Rm. 402</th><th>4th Floor Corridor</th><th>2nd Floor Lodge</th><th>1st Floor Remote</th><th>1st Floor laundry</th><th>1st Floor Pool</th></tr> <tr><td>SYSTEM NO.</td><td>Area 1</td><td>Area 2</td><td>Area 3</td><td>Area 4</td><td>Area 5</td><td>Area 6</td><td>Area 7</td><td>Area 8</td></tr> <tr><td>SPRINKLER AREA</td><td>14'x14' sq.ft. maximum</td><td>14'x14' sq.ft. maximum</td><td>18'x18' sq.ft. maximum</td><td>18'x18' sq.ft. maximum</td><td>162.5 sq.ft. maximum</td><td>148 sq.ft. maximum</td><td>130 sq.ft. maximum</td><td>156 sq.ft. maximum</td></tr> <tr><td>HAZARD/DENSITY</td><td>Light/0.10</td><td>Light/0.10</td><td>Light/0.10</td><td>Light/0.10</td><td>Light/0.10</td><td>Ord./0.15</td><td>Light/0.10</td><td>Light/0.10</td></tr> <tr><td>DESIGN AREA</td><td>4 Remote Sprinklers</td><td>5 Remote Sprinklers</td><td>4 Remote Sprinklers</td><td>5 Remote Sprinklers</td><td>1,013 sq.ft.</td><td>950 sq.ft.</td><td>950 sq.ft.</td><td>900 sq.ft.</td></tr> <tr><td>SYSTEM PSI REQUIRED</td><td>34.74 psi</td><td>-42.99 psi</td><td>6.82 psi</td><td>-37.41 psi</td><td>-21.41 psi</td><td>58.73 psi</td><td>-24.44 psi</td><td>-49.02 psi</td></tr> <tr><td>SYSTEM GPM REQUIRED</td><td>169.16 gpm</td><td>166.49 gpm</td><td>178.35 gpm</td><td>186.99 gpm</td><td>251.89 gpm</td><td>186.28 gpm</td><td>462.87 gpm</td><td>224.60 gpm</td></tr> <tr><td>NO. 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Date	Revisions	By	1	4/12/24	Added Stamps	K.N.	<p>DISCOUNT FIRE PROTECTION, LLC.</p> <p>4 Red Bluff Court Mansfield, Texas 76063 Phone: (817) 821-1877</p> <p>Licensed in the States of: TX Lic: SCR-G-2379798 CA Lic: 1050992 MD Lic: MSC-593 (Class I, III)</p> <p>CO Lic: 21-S-08105 OK Lic: A3419</p> <p>Approved By: <i>Timothy McBride</i> Date: _____ RME # G-0825</p>	<p>PROJECT: HOMEWOOD SUITES 3500 SOUTH MERIDIAN PUYALLUP, WA, 98373</p> <p>CONTRACT WITH: THARALDSON HOSPITALITY 4520 36TH AVENUE SOUTH FARGO, ND, 58104</p> <p>SYSTEM NO. 2ND FLOOR PIPING PLAN DATE: 2-15-2024 DRAWN BY: K. Norong SCALE: 1/8"=1'-0" CHECKED BY: Timothy McBride ENGINEERING MANAGER: Timothy McBride LISTED BY: Timothy McBride BRANCH MANAGER: Timothy McBride CITY OF PUYALLUP SHEET NO. FS-5</p>
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HOMEWOOD SUITES



NOTE: ALL INTERSTITIAL SPACE TO BE FILLED WITH NON-COMBUSTIBLE INSULATION

NOTE: CEILING ELEVATION TO BE 7'-11" AFF. UNLESS NOTED OTHERWISE.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning
Engineering Public Works
Fire Traffic

STEEL BRACING:
LONG. = Longitudinal sway bracing
LAT. = Lateral sway bracing
4-WAY = Four-way sway bracing

NOTE:
/ = HANGER FOR CPVC PIPE
X = HANGER FOR STEEL PIPE
x" = CPVC PIPE WITH DIAMETER AND LENGTH
s-x" = STEEL PIPE WITH DIAMETER AND LENGTH

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.
DISCOUNT FIRE PROTECTION, LLC.
4 RED CLUFF COURT
MANSFIELD, TX, 76063
817-821-1877
SCR-G-2379798

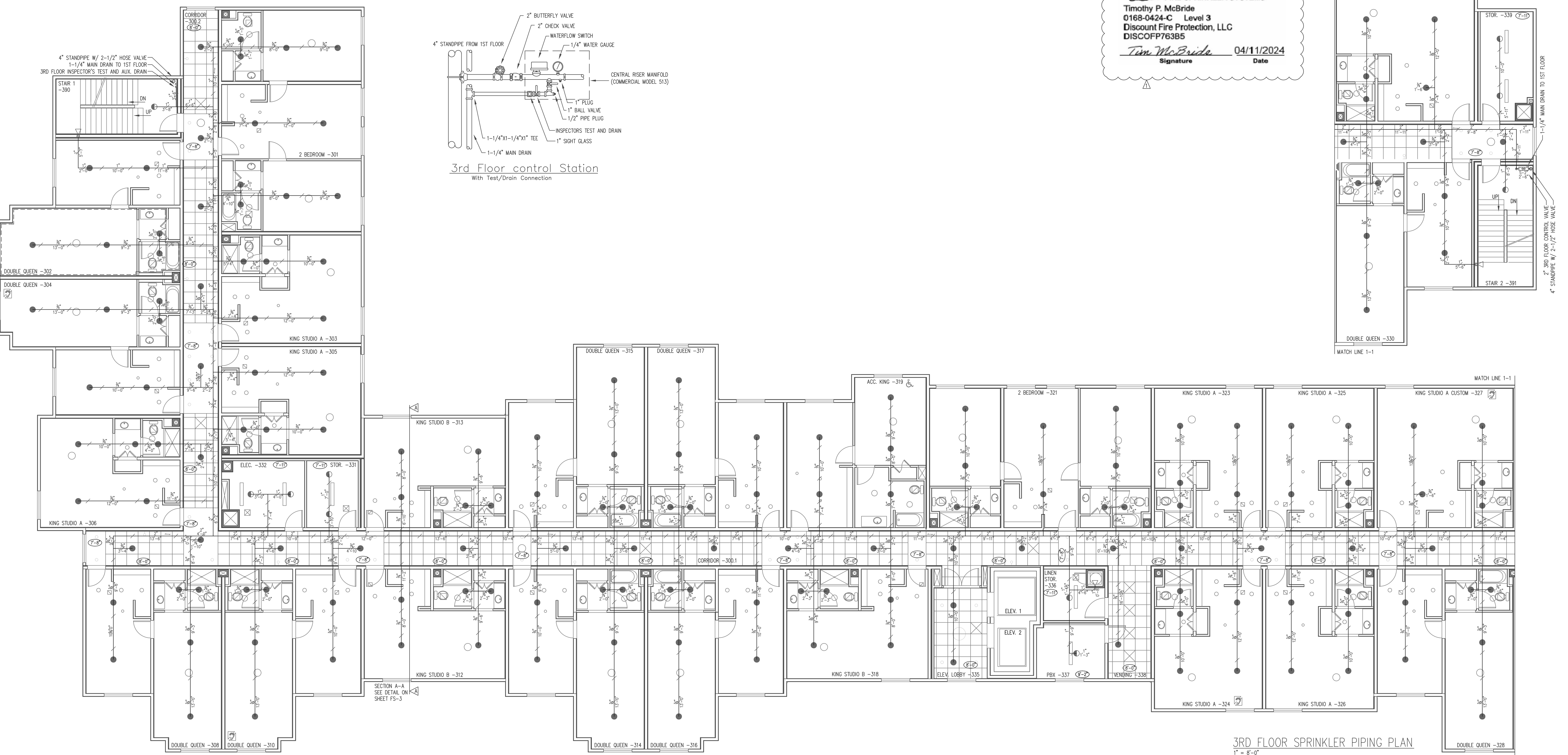
RME-SIGNATURE: *Timothy McBride*
PRINTED RME NAME: Timothy McBride
RME-G-0825
DATE:

AS-BUILT SUBMITTAL OTHER

Expires DEC 31, 24 WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS

Timothy P. McBride
0168-0424-C Level 3
Discount Fire Protection, LLC
DISCOFP763B5

Timothy McBride 04/11/2024
Signature Date



2 1 0 4 8
SCALE 1/8"=1'-0"

NOTICE
ALL DOCUMENTS, INCLUDING ORIGINAL DRAWINGS, SPECIFICATIONS, AND NOTES, ESTIMATES AND DATA, INCLUDING COMPUTER PROGRAMS PURSUANT TO THIS PROJECT ARE AND WILL REMAIN THE PROPERTY OF DISCOUNT FIRE PROTECTION, LLC. ANY REPRODUCTION OR DISTRIBUTION OF THESE DOCUMENTS WITHOUT THE WRITTEN PERMISSION OF DISCOUNT FIRE PROTECTION, LLC IS STRICTLY PROHIBITED. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, COPIED, REPRODUCED, OR ADAPTED FOR ANY OTHER PROJECT. ANY REUSE, OR ADAPTATION OF THE INFORMATION CONTAINED HEREIN, WITHOUT SPECIFIC WRITTEN PERMISSION FROM DISCOUNT FIRE PROTECTION, LLC, IS STRICTLY PROHIBITED. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ANY AND ALL APPLICABLE AGENCIES AND AUTHORITIES. DISCOUNT FIRE PROTECTION, LLC IS NOT RESPONSIBLE FOR ANY SUCH PERMITS OR APPROVALS.

IMPORTANT OWNER INFORMATION
ACCEPTANCE OF THE LATEST EDITION OF NFPA 99A IS THE APPLICABLE STD. FOR THE INSPECTION, TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS. IF THE BUILDING OWNER HAS NOT RECEIVED A COPY OF THE PARALLEL ADVICE OF THE NFPA, PLEASE CONTACT THE NEAREST OFFICE OF DISCOUNT FIRE PROTECTION, LLC.

Water Supply Information	
Flow Test	
STATIC PRESSURE	52 psi
RESIDUAL PRESSURE	51 psi
FLOW IN G.P.M.	754 gpm
DATE OF TEST	1-26-24
TIME OF TEST	1:00 PM.
TEST TAKEN BY	Ted, Ed Fruitland Mutual Water Company
HYDRANT LOCATION	3601 9th Street Southwest

Material Information Notes

Pipe Sizes 1" to 2",
Wheatland's MLT,
Pipe Sizes 2-1/2" and larger,
Wheatland's Schedule 10
Pipe Sizes 3/4" to 3", NFPA 13
Blazemaster

Job Plan Notes

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Wood/Noncombustible
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DESIGN APPROACH:
4 Most Demanding Area/Density

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⊙	Tyco	RPI TY3531	QR Concealed Pendant	5.6	N/A	N/A	1/2"	155°	1/2"	White	Concealed	White	22	0	0	0	0	22
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⊘	Tyco	DS-1 TY3255	Dry Pendant	5.6	N/A	N/A	1/2"	155°	1"	Brass	—	Brass	2	0	0	0	0	2
◀	Tyco-LFI	TY2524 18'x18'	Residential Conc. Sidewall	4.2	9.6	13.0	7/16"	160°	1/2"	White	Concealed	White	0	0	0	0	202	202
◁	Tyco	TY-FRB TY3331	QR Sidewall	5.6	N/A	N/A	1/2"	155°	1/2"	White	Recessed	White	5	2	3	0	14	24
◁	Tyco	DS-1 TY3335	Dry Sidewall	5.6	N/A	N/A	—	200°	1"	White	Semi-rec	White	2	0	0	0	0	2

NO.	Date	Revisions	By	TOTAL THIS PROJECT: 992 Sprinklers															
				Quantity	Hds.	FS-4	FS-5	FS-6	FS-7	FS-9	For Project								
1	4/12/24	Added Stamps	K.N.	68	161	174	174	0	577	22	0	0	0	0	22	2	202	24	2

DISCOUNT FIRE PROTECTION, LLC.
4 Red Bluff Court
Mansfield, Texas 76063
Phone: (817) 821-1877

Licensed in the States of:
TX Lic: SCR-G-2379798
CA Lic: 1050892
MD Lic: MSC-593 (Class I, III)

CO Lic: 21-S-08105
OK Lic: A3419

Approval By: *Timothy McBride*
RME # G-0825
Date:

PROJECT: **HOMEWOOD SUITES**
3500 SOUTH MERIDIAN
PUYALLUP, WA, 98373

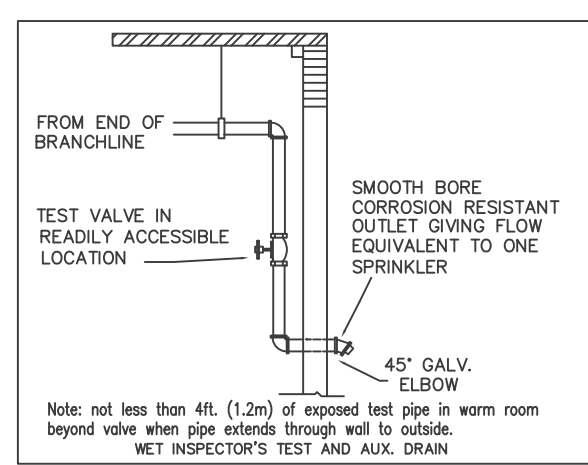
CONTRACT WITH: **THARALDSON HOSPITALITY**
4520 36TH AVENUE SOUTH
FARGO, ND, 58104

SYSTEM NO: **3RD FLOOR PIPING PLAN**
DATE: 2-15-2024
SCALE: 1/8"=1'-0"
CITY OF PUYALLUP
SHEET NO. **FS-6**

DRIVEN BY: K. Narong
CHECKED BY: Timothy McBride
LISTED BY: Timothy McBride
BRANCH MANAGER: Timothy McBride

SHT. 6 OF 9

HOMewood SUITES

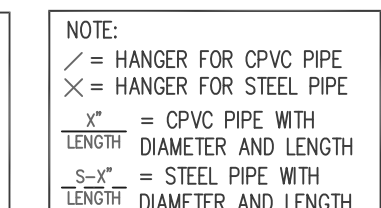
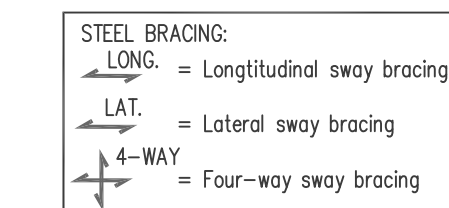


NOTE: ALL INTERSTITIAL SPACE TO BE FILLED WITH NON-COMBUSTIBLE INSULATION

NOTE: CEILING ELEVATION TO BE 7'-11" AFF. UNLESS NOTED OTHERWISE.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.
DISCOUNT FIRE PROTECTION, LLC.
4 RED BLUFF COURT
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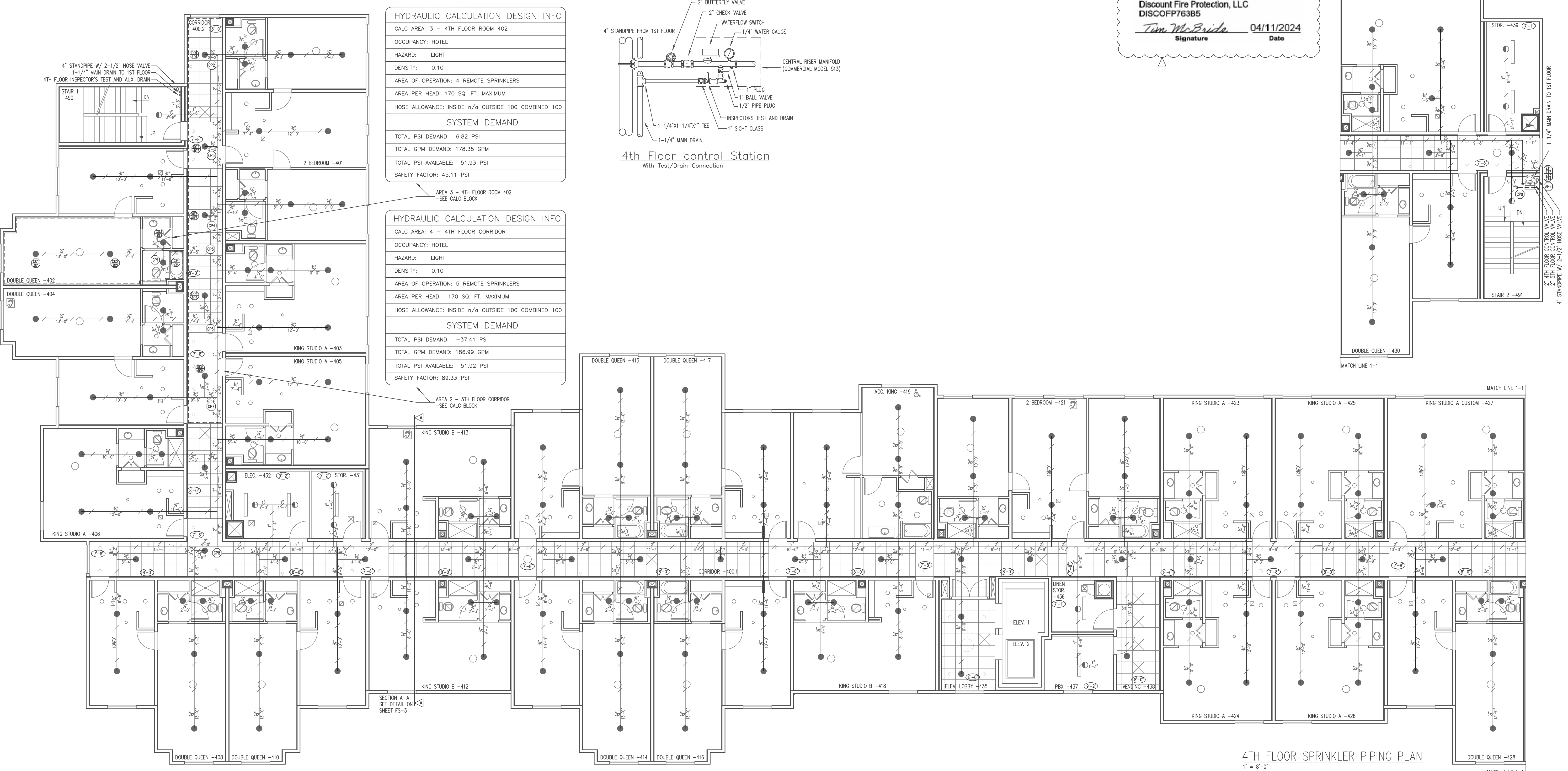
RME-SIGNATURE: Timothy McBride
PRINTED RME NAME: Timothy McBride
RME-G-0825 DATE: _____

AS-BUILT SUBMITTAL OTHER

Expires Dec 31, 24
WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS

Timothy P. McBride
0168-0424-C Level 3
Discount Fire Protection, LLC
DISCOFP763B5

Timothy McBride 04/11/2024
Signature Date



HYDRAULIC CALCULATION DESIGN INFO

CALC AREA: 3 - 4TH FLOOR ROOM 402

OCCUPANCY: HOTEL

HAZARD: LIGHT

DENSITY: 0.10

AREA OF OPERATION: 4 REMOTE SPRINKLERS

AREA PER HEAD: 170 SQ. FT. MAXIMUM

HOSE ALLOWANCE: INSIDE n/a OUTSIDE 100 COMBINED 100

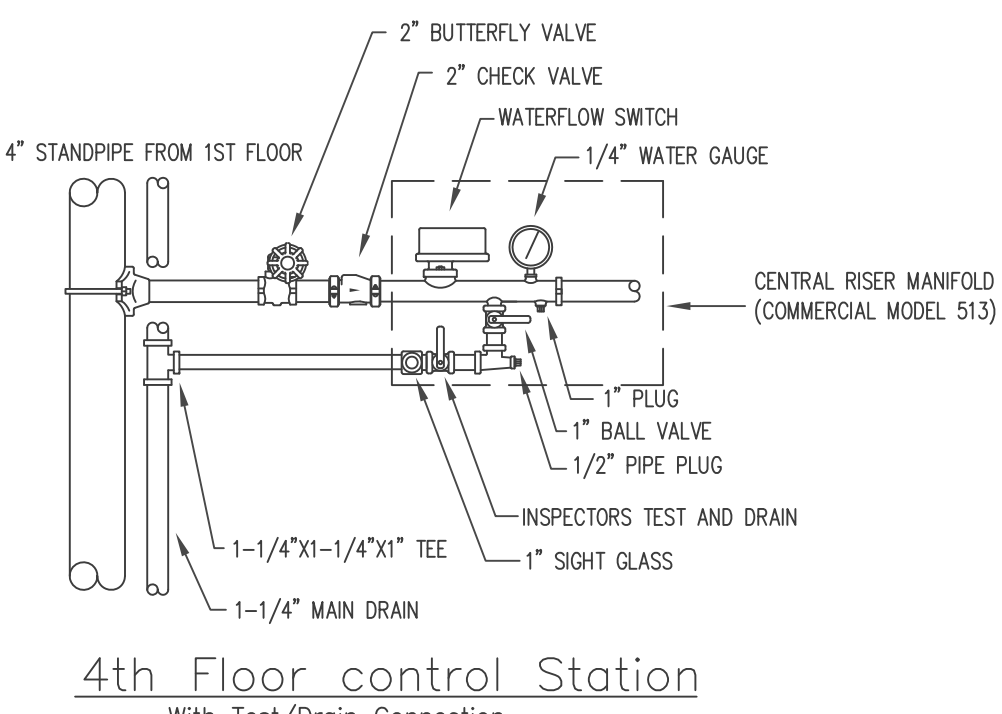
SYSTEM DEMAND

TOTAL PSI DEMAND: 6.82 PSI

TOTAL GPM DEMAND: 178.35 GPM

TOTAL PSI AVAILABLE: 51.93 PSI

SAFETY FACTOR: 45.11 PSI



HYDRAULIC CALCULATION DESIGN INFO

CALC AREA: 4 - 4TH FLOOR CORRIDOR

OCCUPANCY: HOTEL

HAZARD: LIGHT

DENSITY: 0.10

AREA OF OPERATION: 5 REMOTE SPRINKLERS

AREA PER HEAD: 170 SQ. FT. MAXIMUM

HOSE ALLOWANCE: INSIDE n/a OUTSIDE 100 COMBINED 100

SYSTEM DEMAND

TOTAL PSI DEMAND: -37.41 PSI

TOTAL GPM DEMAND: 186.99 GPM

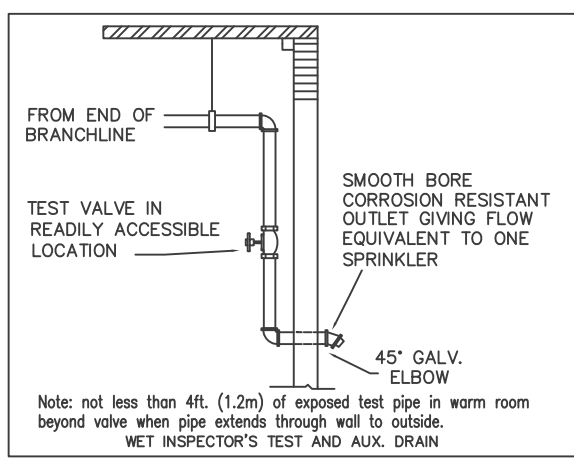
TOTAL PSI AVAILABLE: 51.92 PSI

SAFETY FACTOR: 89.33 PSI

4TH FLOOR SPRINKLER PIPING PLAN
1" = 8'-0"

	Water Supply Information Flow Test STATIC PRESSURE: 52 psi RESIDUAL PRESSURE: 51 psi FLOW IN G.P.M.: 754 gpm DATE OF TEST: 1-26-24 TIME OF TEST: 1:00 PM. TEST TAKEN BY: Ted, Ed Fruitland Mutual Water Company HYDRANT LOCATION: 3601 9th Street Southwest		Material Information Notes Pipe Sizes 1" to 2". Wheatland's MLT Pipe Sizes 2-1/2" and larger. Wheatland's Schedule 10 Pipe Sizes 3/4" to 3". NFPA 13 Blazemaster Job Plan Notes TYPE OF CONSTRUCTION: Wood/Noncombustible OCCUPANCY CLASSIFICATION: Light Hazard/Hotel DESIGN APPROACH: 4 Most Demanding Area/Density		Design Criteria <table border="1"> <thead> <tr> <th>SYSTEM NAME</th> <th>5th Floor Rm. 502-504</th> <th>5th Floor Corridor</th> <th>4th Floor Rm. 402</th> <th>4th Floor Corridor</th> <th>2nd Floor Lodge</th> <th>1st Floor Remote</th> <th>1st Floor laundry</th> <th>1st Floor Pool</th> </tr> </thead> <tbody> <tr> <td>SYSTEM NO.</td> <td>Area 1</td> <td>Area 2</td> <td>Area 3</td> <td>Area 4</td> <td>Area 5</td> <td>Area 6</td> <td>Area 7</td> <td>Area 8</td> </tr> <tr> <td>SPRINKLER AREA</td> <td>14'x14' sq.ft. maximum</td> <td>14'x14' sq.ft. maximum</td> <td>18'x18' sq.ft. maximum</td> <td>18'x18' sq.ft. maximum</td> <td>162.5 sq.ft. maximum</td> <td>148 sq.ft. maximum</td> <td>130 sq.ft. maximum</td> <td>156 sq.ft. maximum</td> </tr> <tr> <td>HAZARD/DENSITY</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Ord./0.15</td> <td>Light/0.10</td> <td>Light/0.10</td> </tr> <tr> <td>DESIGN AREA</td> <td>4 Remote Sprinklers</td> <td>5 Remote Sprinklers</td> <td>4 Remote Sprinklers</td> <td>5 Remote Sprinklers</td> <td>1,013 sq.ft.</td> <td>950 sq.ft.</td> <td>900 sq.ft.</td> <td>900 sq.ft.</td> </tr> <tr> <td>SYSTEM PSI REQUIRED</td> <td>34.74 psi</td> <td>-42.99 psi</td> <td>6.82 psi</td> <td>-37.41 psi</td> <td>-21.41 psi</td> <td>58.73 psi</td> <td>-24.44 psi</td> <td>-49.02 psi</td> </tr> <tr> <td>SYSTEM GPM REQUIRED</td> <td>169.16 gpm</td> <td>166.49 gpm</td> <td>178.35 gpm</td> <td>186.99 gpm</td> <td>251.89 gpm</td> <td>186.28 gpm</td> <td>462.87 gpm</td> <td>224.60 gpm</td> </tr> <tr> <td>NO. SPKR.</td> <td>4 heads</td> <td>5 heads</td> <td>4 heads</td> <td>5 heads</td> <td>9 heads</td> <td>9 heads</td> <td>11 heads</td> <td>7 heads</td> </tr> <tr> <td>ELEV. @ HIGHEST SPKR</td> <td>7'-5" AFF</td> <td>7'-5" AFF</td> <td>7'-11" AFF</td> <td>7'-11" AFF</td> <td>15'-0" AFF</td> <td>12'-2" AFF</td> <td>12'-2" AFF</td> <td>9'-10" AFF</td> </tr> <tr> <td>HOSE REQUIREMENT</td> <td>100 GPM</td> <td>100 GPM</td> <td>100 GPM</td> <td>100 GPM</td> <td>100 GPM</td> <td>100 GPM</td> <td>250 GPM</td> <td>100 GPM</td> </tr> <tr> <td>SAFETY FACTOR</td> <td>17.20 psi</td> <td>94.92 psi</td> <td>45.11 psi</td> <td>89.33 psi</td> <td>73.27 psi</td> <td>19.84 psi</td> <td>76.03 psi</td> <td>100.91 psi</td> </tr> </tbody> </table>		SYSTEM NAME	5th Floor Rm. 502-504	5th Floor Corridor	4th Floor Rm. 402	4th Floor Corridor	2nd Floor Lodge	1st Floor Remote	1st Floor laundry	1st Floor Pool	SYSTEM NO.	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7	Area 8	SPRINKLER AREA	14'x14' sq.ft. maximum	14'x14' sq.ft. maximum	18'x18' sq.ft. maximum	18'x18' sq.ft. maximum	162.5 sq.ft. maximum	148 sq.ft. maximum	130 sq.ft. maximum	156 sq.ft. maximum	HAZARD/DENSITY	Light/0.10	Light/0.10	Light/0.10	Light/0.10	Light/0.10	Ord./0.15	Light/0.10	Light/0.10	DESIGN AREA	4 Remote Sprinklers	5 Remote Sprinklers	4 Remote Sprinklers	5 Remote Sprinklers	1,013 sq.ft.	950 sq.ft.	900 sq.ft.	900 sq.ft.	SYSTEM PSI REQUIRED	34.74 psi	-42.99 psi	6.82 psi	-37.41 psi	-21.41 psi	58.73 psi	-24.44 psi	-49.02 psi	SYSTEM GPM REQUIRED	169.16 gpm	166.49 gpm	178.35 gpm	186.99 gpm	251.89 gpm	186.28 gpm	462.87 gpm	224.60 gpm	NO. 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HOMewood SUITES



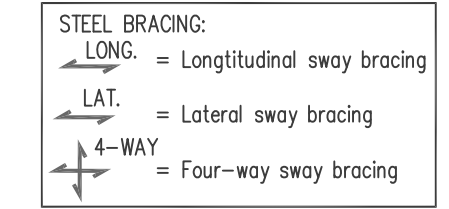
NOTE: ALL INTERSTITIAL SPACE TO BE FILLED WITH NON-COMBUSTIBLE INSULATION

NOTE: CEILING ELEVATION TO BE 7'-11" AFF. UNLESS NOTED OTHERWISE.

NOTE: ALL RISER FROM LINE TO 5TH FLOOR RESIDENTIAL SIDEWALL SPRINKLER TO BE 3/4"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



NOTE:
/ = HANGER FOR CPVC PIPE
X = HANGER FOR STEEL PIPE
- = CPVC PIPE WITH DIAMETER AND LENGTH
S-X = STEEL PIPE WITH DIAMETER AND LENGTH

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.

DISCOUNT FIRE PROTECTION, LLC.
4 RED BLUFF COURT
MANSFIELD, TX, 76063
817-821-1877
SCR-G-2379798

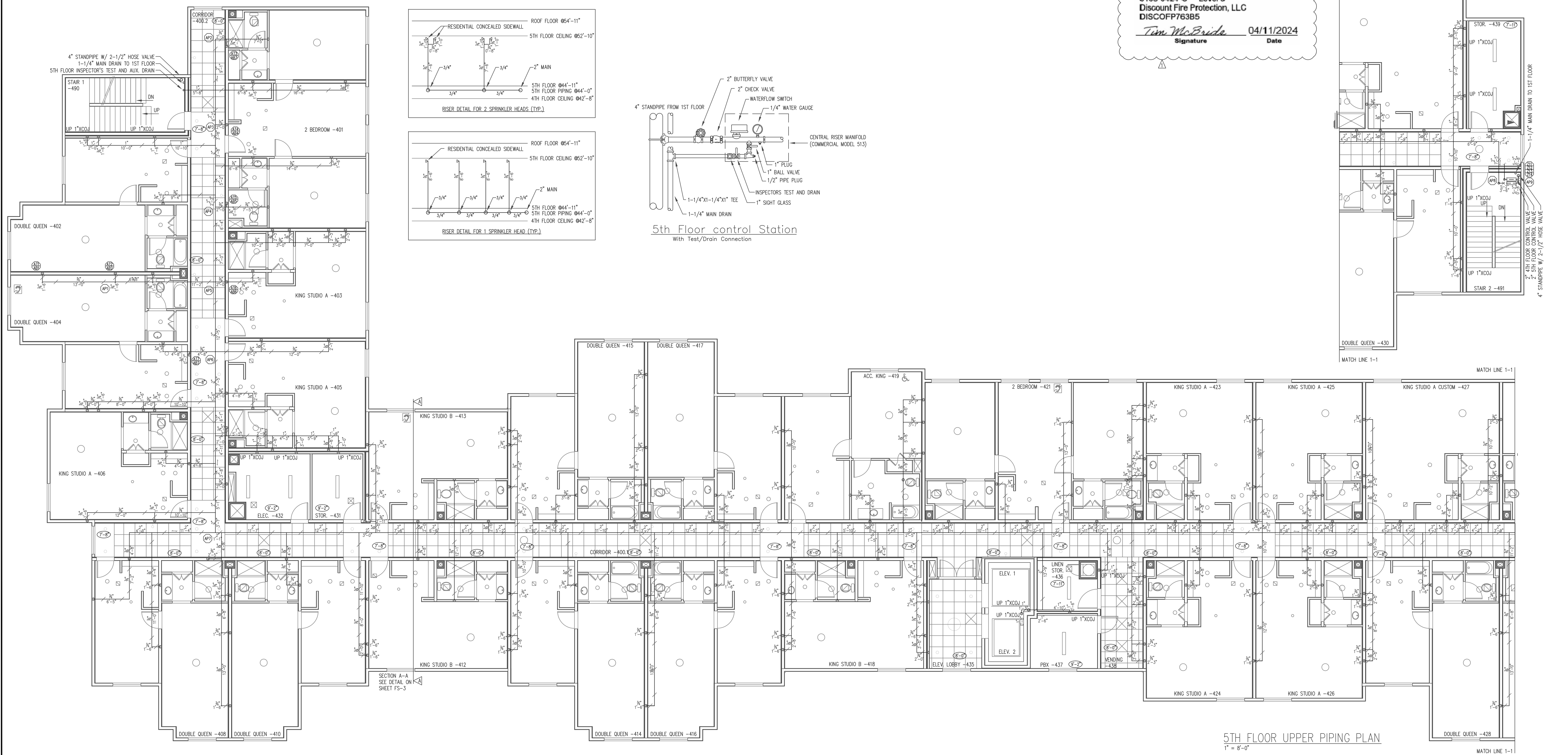
RME-SIGNATURE: *Timothy McBride*
PRINTED NAME: Timothy McBride
RME-G-0825 DATE:

AS-BUILT SUBMITTAL OTHER

Expires DEC 31, 24 WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS

Timothy P. McBride
0168-0424-C Level 3
Discount Fire Protection, LLC
DISCOFP763B5

Timothy McBride 04/11/2024
Signature Date



5TH FLOOR UPPER PIPING PLAN
1" = 8'-0"

	Water Supply Information Flow Test STATIC PRESSURE 52 psi RESIDUAL PRESSURE 51 psi FLOW IN G.P.M. 754 gpm DATE OF TEST 1-26-24 TIME OF TEST 1:00 PM. TEST TAKEN BY Ted, Ed Fruitland Mutual Water Company HYDRANT LOCATION 3601 9th Street Southwest		Material Information Notes Pipe Sizes 1" to 2", Wheatland's MLT Pipe Sizes 2-1/2" and larger, Wheatland's Schedule 10 Pipe Sizes 3/4" to 3", NFPA 13 Blazemaster		Design Criteria <table border="1"> <thead> <tr> <th>SYSTEM NAME</th> <th>5th Floor Rm. 502-504</th> <th>5th Floor Corridor</th> <th>4th Floor Rm. 402</th> <th>4th Floor Corridor</th> <th>2nd Floor Lodge</th> <th>1st Floor Remote</th> <th>1st Floor Laundry</th> <th>1st Floor Pool</th> </tr> </thead> <tbody> <tr> <td>SYSTEM NO.</td> <td>Area 1</td> <td>Area 2</td> <td>Area 3</td> <td>Area 4</td> <td>Area 5</td> <td>Area 6</td> <td>Area 7</td> <td>Area 8</td> </tr> <tr> <td>SPRINKLER AREA</td> <td>14'x14' sq.ft. maximum</td> <td>14'x14' sq.ft. maximum</td> <td>18'x18' sq.ft. maximum</td> <td>18'x18' sq.ft. maximum</td> <td>162.5 sq.ft. maximum</td> <td>148 sq.ft. maximum</td> <td>130 sq.ft. maximum</td> <td>156 sq.ft. maximum</td> </tr> <tr> <td>HAZARD/DENSITY</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Light/0.10</td> <td>Ord./0.15</td> <td>Light/0.10</td> <td>Light/0.10</td> </tr> <tr> <td>DESIGN AREA</td> <td>4 Remote Sprinklers</td> <td>5 Remote Sprinklers</td> <td>4 Remote Sprinklers</td> <td>5 Remote Sprinklers</td> <td>1,013 sq.ft.</td> <td>950 sq.ft.</td> <td>950 sq.ft.</td> <td>900 sq.ft.</td> </tr> <tr> <td>SYSTEM PSI REQUIRED</td> <td>34.74 psi</td> <td>-42.99 psi</td> <td>6.82 psi</td> <td>-37.41 psi</td> <td>-21.41 psi</td> <td>58.73 psi</td> <td>-24.44 psi</td> <td>-49.02 psi</td> </tr> <tr> <td>SYSTEM GPM REQUIRED</td> <td>169.16 gpm</td> <td>166.49 gpm</td> <td>178.35 gpm</td> <td>186.99 gpm</td> <td>251.89 gpm</td> <td>186.28 gpm</td> <td>462.87 gpm</td> <td>224.60 gpm</td> </tr> <tr> <td>NO. 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Narong SCALE: 1/8"=1'-0" CHECKED BY: Timothy McBride ENGINEERING MANAGER: Timothy McBride LISTED BY: Timothy McBride BRANCH MANAGER: Timothy McBride SHEET NO. FS-8	
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