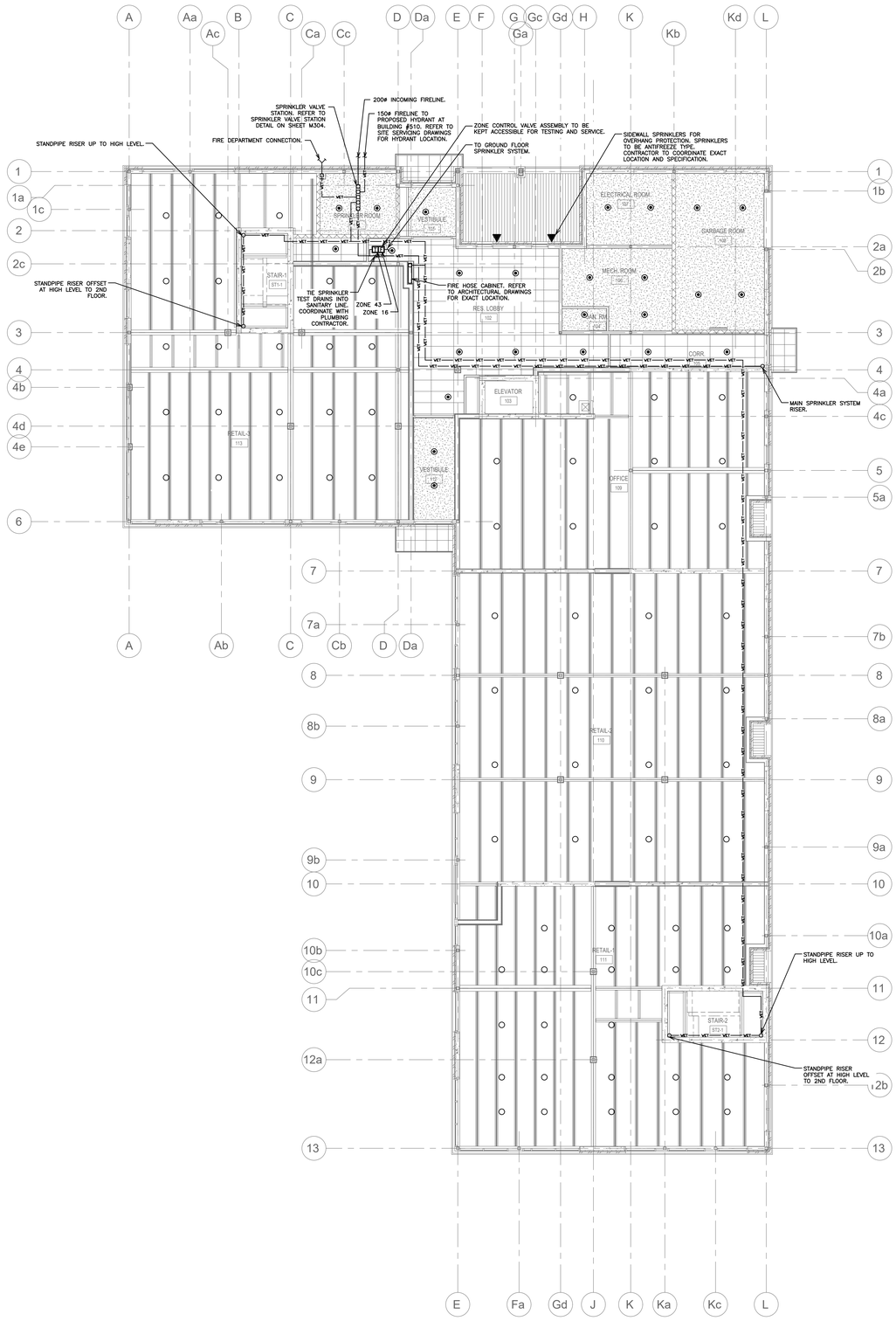
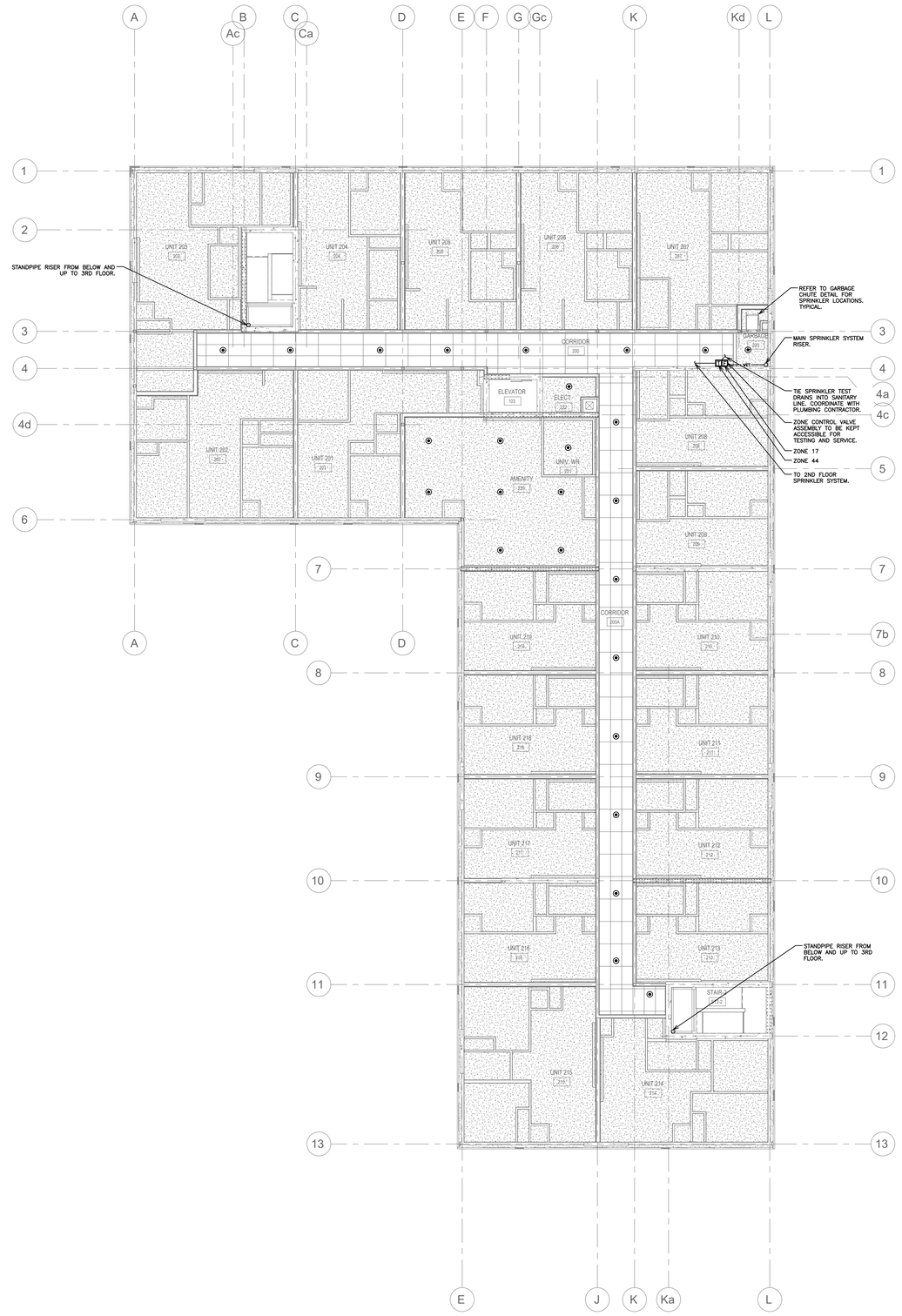


1 M301 GROUND FLOOR – FIRE PROTECTION PLAN
SCALE: 1:100



2 M301 LEVEL 2 – FIRE PROTECTION PLAN
SCALE: 1:100

NOTE: REFER TO M303 FOR TYPICAL SUITE SPRINKLER LOCATIONS. TYPICAL.

SPRINKLER INSTALLATION, COORDINATION & PLANS REVIEWER NOTES:

1. SPRINKLER HEAD LAYOUT SHOWN FOR SCHEMATIC PURPOSES ONLY. THE SPRINKLER CONTRACTOR IS REQUIRED TO DESIGN AND INSTALL A COMPLETE SPRINKLER SYSTEM IN CONFORMANCE WITH NFPA 13–2022 UNDER BASE CONTRACT.
2. DESIGN DRAWINGS TO INCLUDE ALL PIPING COMPLETE WITH SIZES, VALVES, ASSOCIATED COMPONENTS AND HYDRAULIC CALCULATIONS.
3. NO EXTRA TO BE PROVIDED FOR ADDITIONAL SPRINKLER HEAD REQUIREMENTS. SPRINKLER HEADS SHOWN FOR SCHEMATIC PURPOSES ONLY. THE SPRINKLER CONTRACTOR IS REQUIRED TO DESIGN AND INSTALL A COMPLETE SPRINKLER SYSTEM.
4. TYPICAL BULKHEADS DETAILS ARE FOR ILLUSTRATION ONLY. CONTRACTOR IS RESPONSIBLE FOR REVIEWING ARCHITECTURAL DRAWINGS FOR CEILING PLANS WHEN PRICING PROJECT. FINAL SITE COORDINATION BETWEEN ALL TRADES WILL DETERMINE ACTUAL ROUTING.
5. COORDINATE SHARED SPACES WITH GAS PIPING, HVAC DUCTWORK AND PLUMBING PIPING.
6. CLEARANCES TO BUILDING SERVICES/EQUIPMENT INCLUDING LIGHTING FIXTURES AND HVAC SYSTEMS SHALL BE IN CONFORMANCE WITH NFPA 13–2022 REQUIREMENTS.
7. REFER TO DETAIL FOR SUGGESTED FIRE STOPPING OF PIPING THROUGH FIRE SEPARATIONS
8. TENDERING OF THESE DOCUMENTS IS DONE UNDER THE MUTUAL UNDERSTANDING THAT ALL CONTRACTORS ARE EXPERIENCED AND LICENSED IN THE WORKS BEING PROVIDED AND THAT ALL COMPONENTS OF A FULLY FUNCTIONING SYSTEM WILL BE INCLUDED WHETHER SHOWN OR NOT SHOWN BUT IMPLIED FOR A COMPLETE SYSTEM.
9. ALL DETAILS SHOWN ARE SCHEMATIC BY NATURE AND ARE TO BE USED FOR SCOPE OF WORK PURPOSES ONLY. COORDINATE WITH ALL TRADES AND MANUFACTURERS BEST PRACTICES AND DIRECTIONS.
10. ALL VALVES TO BE SUPERVISED BY FIRE ALARM SYSTEM AND LABELED TO MATCH FIRE ALARM SYSTEM. CONTRACTOR IS RESPONSIBLE FOR FINAL COORDINATION OF ZONE NUMBERING WITH FIRE ALARM CONTRACTOR.
11. SPRINKLER SYSTEM HYDRAULIC CALCULATIONS AND FINAL LAYOUT IS TO BE PROVIDED IN THE SHOP DRAWING PHASE OF THE PROJECT. IT WILL BE CIRCULATED TO THE CITY AND ENGINEER OF RECORD FOR REVIEW AND APPROVAL.
12. FIRE HOSE STANDPIPE VALVES PROPOSED IN STAIRWELLS. FINAL SPRINKLER LAYOUT SHOP DRAWINGS BY CONTRACTOR SHALL ENSURE THEY ARE NOT POSITIONED IN APPROPRIATE LOCATION.

STANDARD ABREVIATIONS	
AFF	ABOVE FINISHED FLOOR
CTE	CONNECT TO EXISTING
C/W	COMPLETE WITH

SPRINKLER LEGEND	
—— WET —— WET —— WET ——	SPRINKLER LINE (WET)
—o— —o— —HD	PIPE UP, BRANCH DROPPING FROM TEE, PIPE DOWN
◉	SEMI–RECESSED PENDENT SPRINKLER HEAD C/W ESCUTCHEON
○	UPRIGHT SPRINKLER HEAD
▲	SIDEWALL SPRINKLER HEAD

NO.	SUBMISSION	DATE
5	ISSUED FOR PERMIT	SEPT 2026
4	ISSUED FOR COORDINATION	SEPT 2026
3	ISSUED FOR PERMIT	AUGUST 2026
2	ISSUED FOR 90% COORDINATION	AUGUST 2026
1	ISSUED FOR 80% COORDINATION	JULY 2026

RH GAY HOLDINGS CO.
510–520 TAUNTON RD EAST, OSHAWA, ON

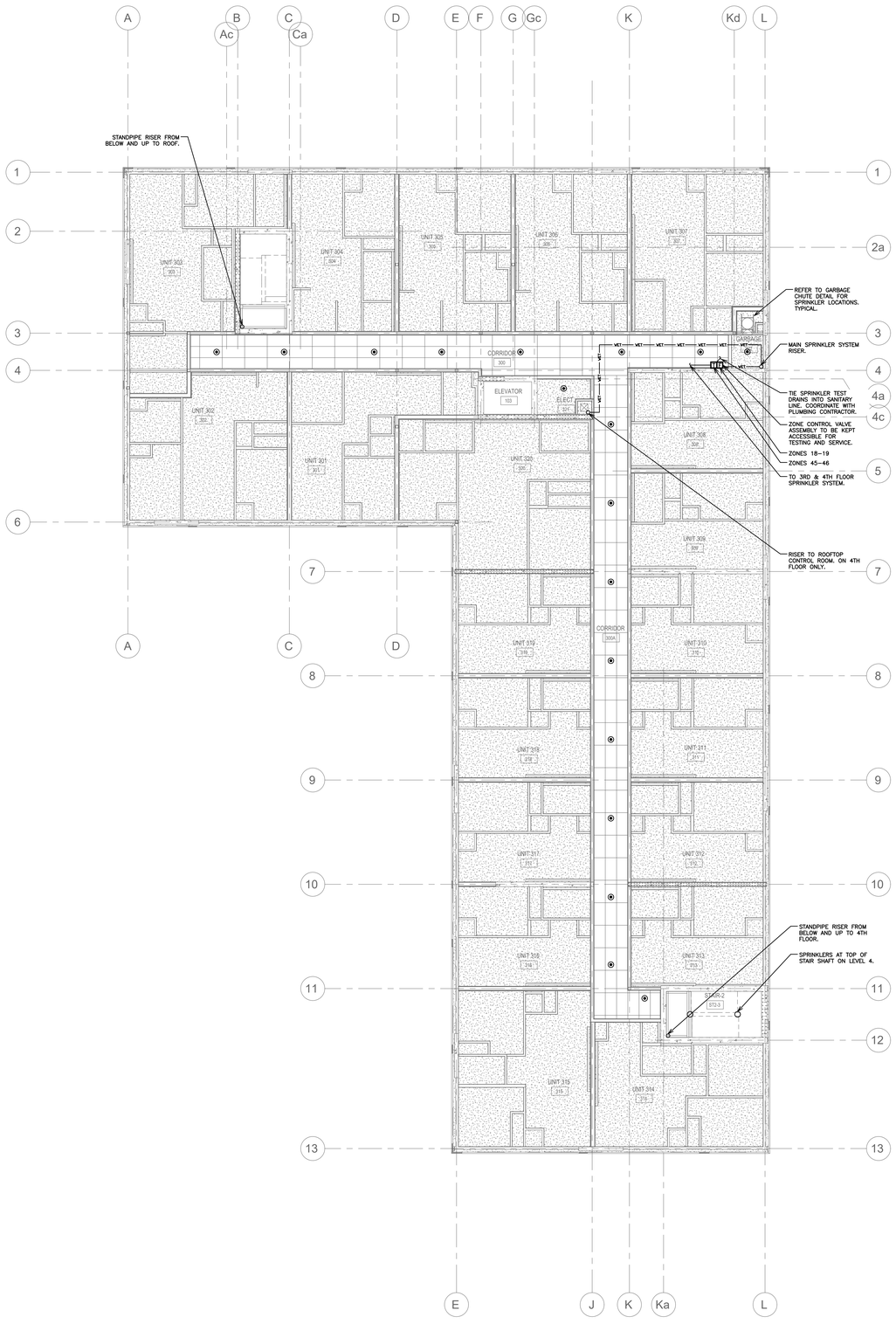
MECHANICAL SPRINKLER GRND FLOOR & LVL 2

D.G. BIDDLE & ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
200-481 Taunton Road W.
Oshawa, Ontario. L1J 0G3
Phone: 905-576-8500
info@dgbiddle.com
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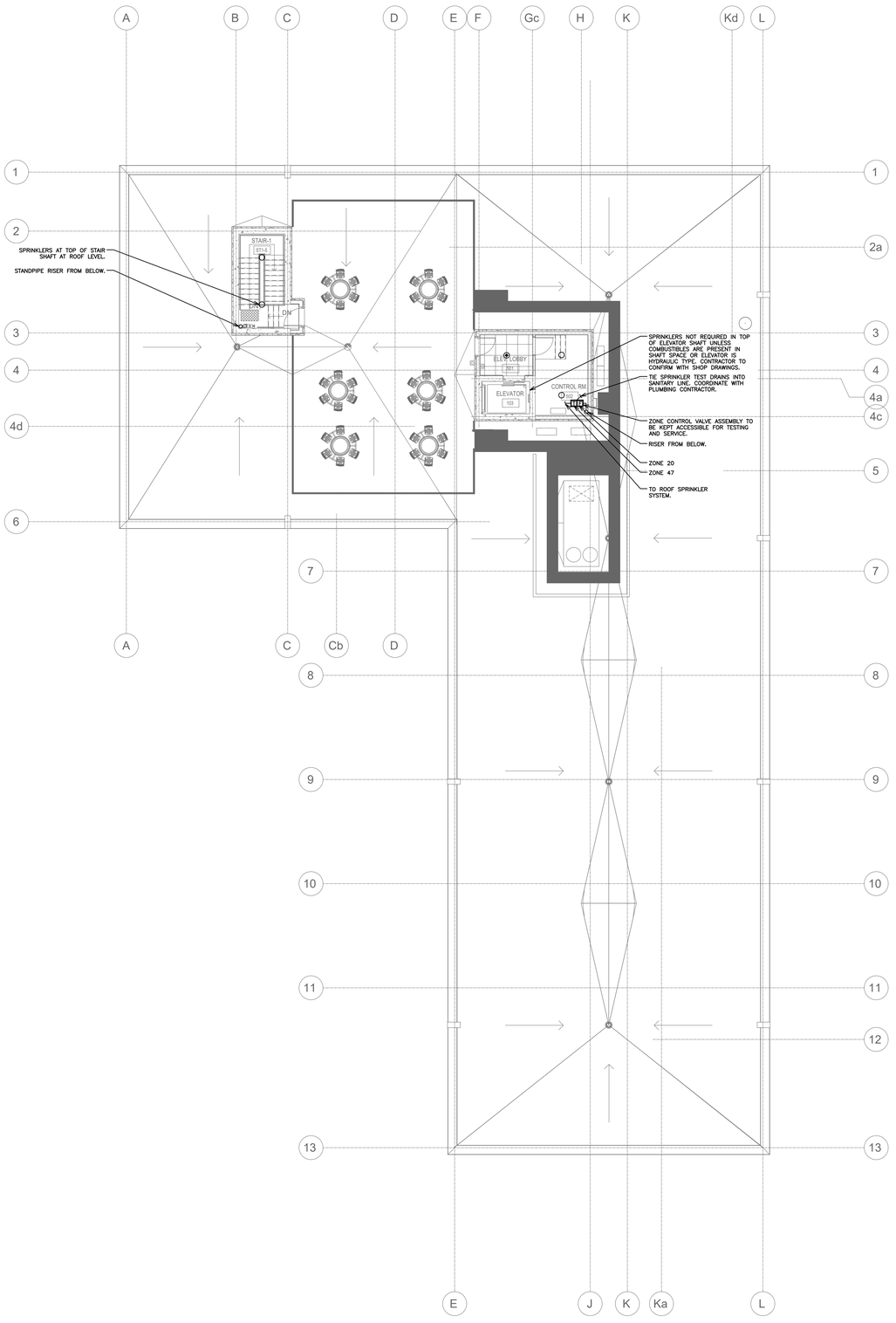
LICENSED PROFESSIONAL ENGINEER
G.V.W. OSBORNE
100136545
Sep 25/2026
PROVINCE OF ONTARIO

SCALE:	1:100
DESIGNED BY:	C.S.J. & A.L.P.
CHECKED BY:	C.S.J.
PROJECT NO.:	125724
DRAWING NO.:	M301

25/09/2025
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1 / M302 LEVEL 3 AND LEVEL 4 – FIRE PROTECTION PLAN
SCALE: 1:100



2 / M302 ROOF – FIRE PROTECTION PLAN
SCALE: 1:100

NOTE: REFER TO M303 FOR TYPICAL SUITE SPRINKLER LOCATIONS. TYPICAL.

SPRINKLER INSTALLATION, COORDINATION & PLANS REVIEWER NOTES:

1. SPRINKLER HEAD LAYOUT SHOWN FOR SCHEMATIC PURPOSES ONLY. THE SPRINKLER CONTRACTOR IS REQUIRED TO DESIGN AND INSTALL A COMPLETE SPRINKLER SYSTEM IN CONFORMANCE WITH NFPA 13–2022 UNDER BASE CONTRACT.
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STANDARD ABREVIATIONS	
A/F	ABOVE FINISHED FLOOR
CTE	CONNECT TO EXISTING
C/W	COMPLETE WITH

SPRINKLER LEGEND	
WET WET WET	SPRINKLER LINE (WET)
HD	PIPE UP, BRANCH DROPPING FROM TEE, PIPE DOWN
	SEMI-RECESSED PENDENT SPRINKLER HEAD C/W ESCUTCHEON
	UPRIGHT SPRINKLER HEAD
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NO.	SUBMISSION	DATE
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RH GAY HOLDINGS CO.
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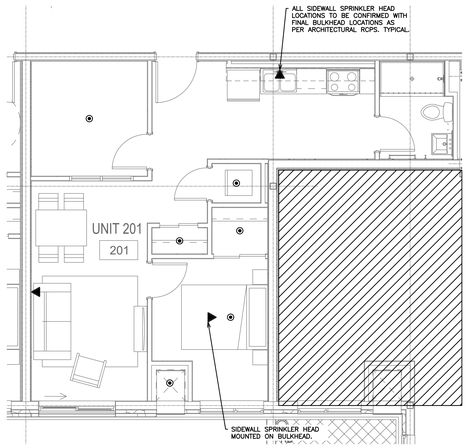
MECHANICAL SPRINKLER TYP FLOOR & ROOF

D.G. BIDDLE & ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
200-481 Taunton Road W.
Oshawa, Ontario, L1J 0G3
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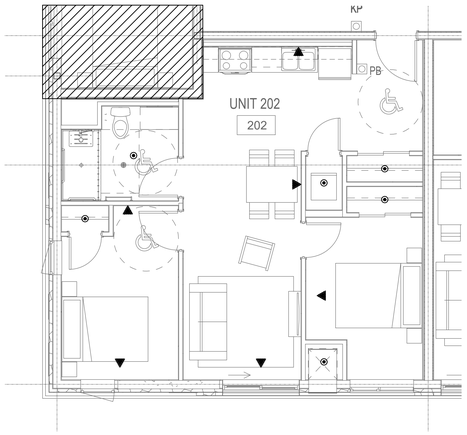
LICENSED PROFESSIONAL ENGINEER
G. V. W. OSBORNE
100136545
Sep 25/2026
PROVINCE OF ONTARIO

SCALE:	1:100
DESIGNED BY:	C.S.J. & A.L.P.
CHECKED BY:	C.S.J.
PROJECT NO.:	125724
DRAWING NO.:	M302

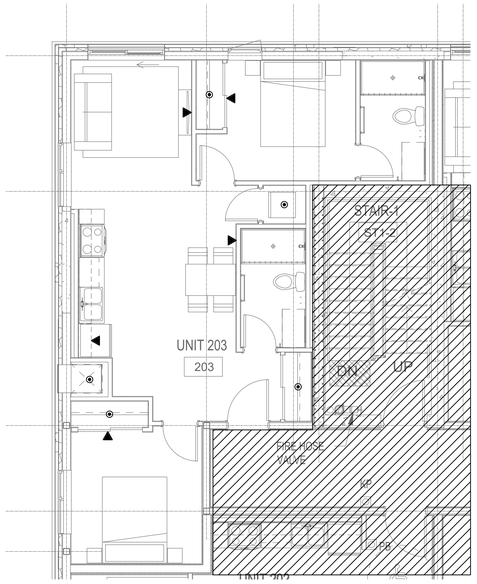
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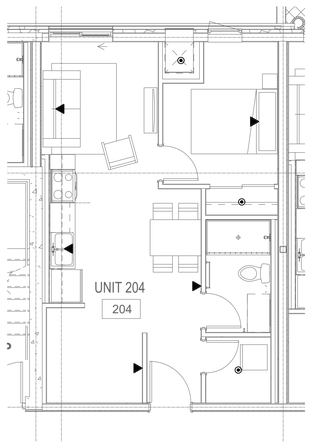
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SCALE: 1:50



2 / M303 UNIT 202 302, 402
SCALE: 1:50



3 / M303 UNIT 203, 303, 403
SCALE: 1:50

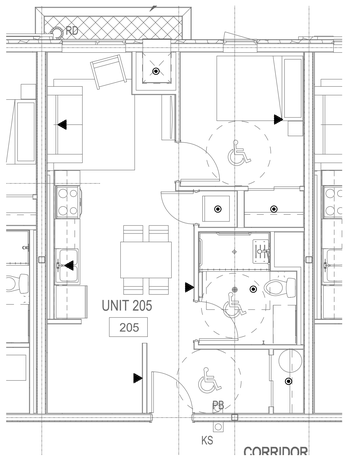


4 / M303 UNIT 204, 304, 404
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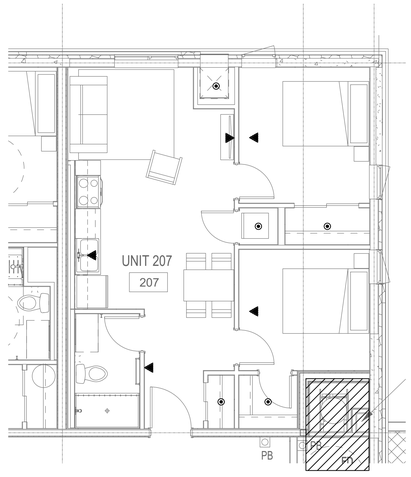
NOTE: REFER TO M303 FOR TYPICAL SUITE SPRINKLER LOCATIONS. TYPICAL.

SPRINKLER INSTALLATION, COORDINATION & PLANS REVIEWER NOTES:

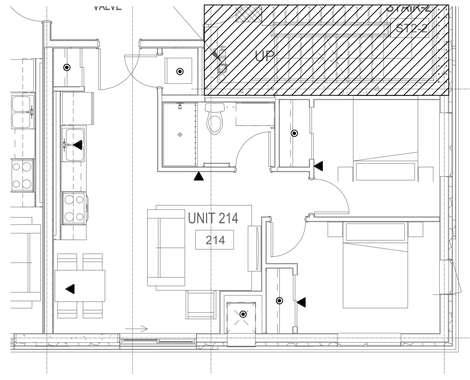
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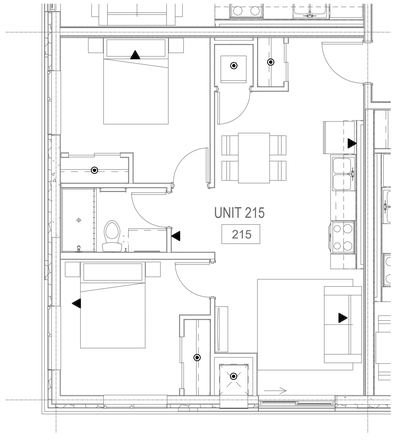
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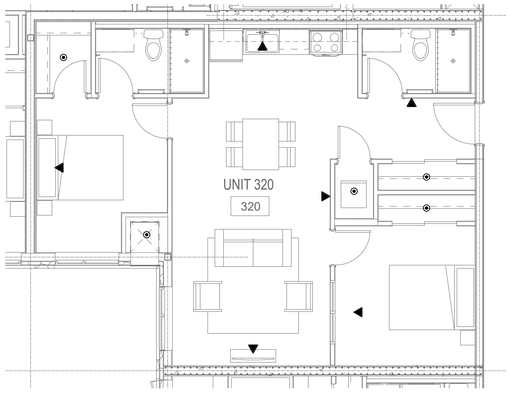
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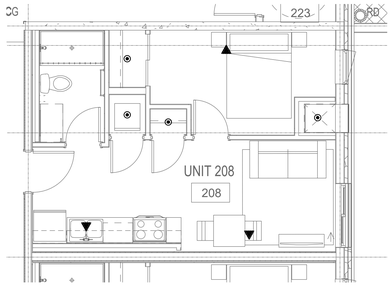
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SCALE: 1:50



8 / M303 UNIT 215, 315, 415
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9 / M303 UNIT 220, 320, 420
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10 / M303 UNIT 208, 308, 408
SCALE: 1:50

STANDARD ABREVIATIONS	
AFF	ABOVE FINISHED FLOOR
CTE	CONNECT TO EXISTING
C/W	COMPLETE WITH

SPRINKLER LEGEND	
WET WET WET	SPRINKLER LINE (WET)
	PIPE UP, BRANCH DROPPING FROM TEE, PIPE DOWN
	SEMI–RECESSED PENDENT SPRINKLER HEAD C/W ESCUTCHEON
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RH GAY HOLDINGS CO.
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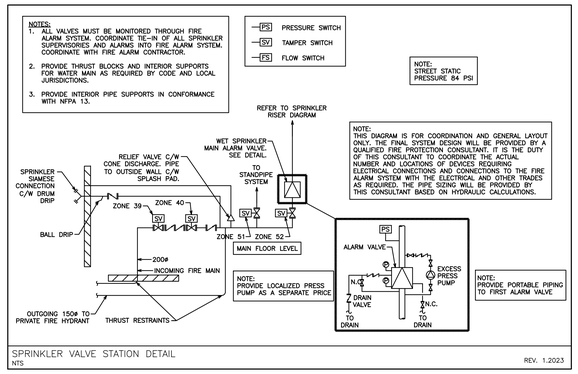
MECHANICAL SPRINKLER TYPICAL SUITES

D.G. BIDDLE & ASSOCIATES
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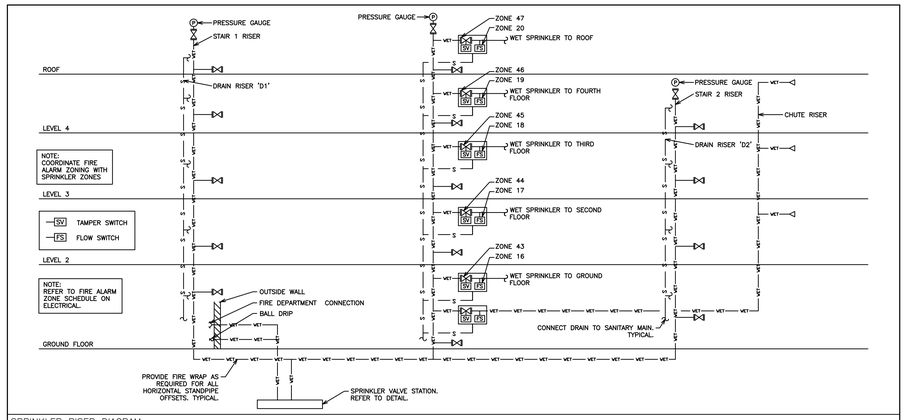
LICENSED PROFESSIONAL ENGINEER
G.V.W. OSBORNE
100138545
Sep 25/2026
PROVINCE OF ONTARIO

SCALE:	1:50
DESIGNED BY:	C.S.J. & A.L.P.
CHECKED BY:	C.S.J.
PROJECT NO.:	125724
DRAWING NO.:	M303

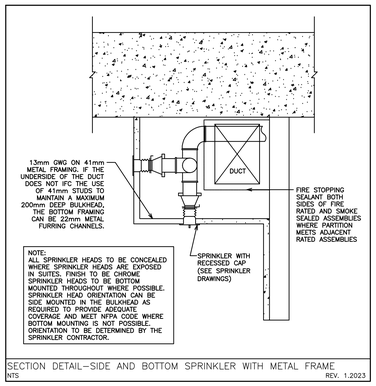
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SPRINKLER VALVE STATION DETAIL
NTS REV. 1.2023



SPRINKLER RISER DIAGRAM
NTS REV. 1.2023



SECTION DETAIL–SIDE AND BOTTOM SPRINKLER WITH METAL FRAME
NTS REV. 1.2023

NOTE:
STANDPIPE SYSTEM IS TO BE INSTALLED OR EXTENDED IN CONFORMANCE WITH THE ONTARIO BUILDING CODE DIVISION B 3.2.9. AND NFPA 13–2019.

NOTE:
SPRINKLER SYSTEM IS TO BE INSTALLED OR EXTENDED IN CONFORMANCE WITH THE ONTARIO BUILDING CODE DIVISION B 3.2.5. AND NFPA 13–2019.

NOTE:
1. DESIGN AND INSTALLATION OF SPRINKLER SYSTEM SHALL BE IN CONFORMANCE WITH REQUIREMENTS OF NFPA 13–2019 EDITION, AND OBC–2024 EDITION.
2. DESIGN AND INSTALLATION OF BUILDING STANDPIPE SYSTEM SHALL BE IN CONFORMANCE WITH REQUIREMENTS OF NFPA 14–2013 EDITION AND OBC 2024 EDITION INCLUDING LATEST AMENDMENTS.
3. PROVIDE SPRINKLER AND STAND PIPE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR OUR REVIEW PRIOR TO INSTALLATION OF PIPING FOR THESE SYSTEMS.

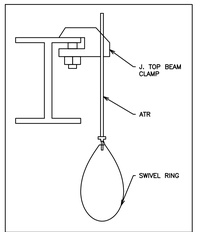
FIRE PROTECTION NOTES:

THE ENTIRE BUILDING IS SPRINKLERED.
IN UNHEATED AREAS A WET SPRINKLER SYSTEM WILL BE PROVIDED.
THE CONTRACTOR SHALL PROVIDE A HYDRAULICALLY DESIGNED STANDPIPE AND SPRINKLER SYSTEM TO THE APPROVAL OF LOCAL AUTHORITIES. THE DESIGN DOCUMENTS SHALL BE SEALED BY A PROFESSIONAL ENGINEER.

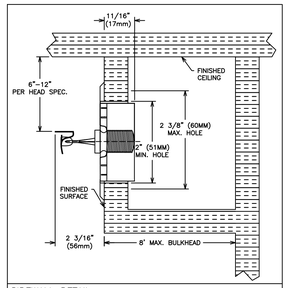
THESE DRAWINGS ARE INTENDED TO ESTABLISH BASIC GUIDELINES, ASSUME FULL RESPONSIBILITY FOR THE LAYOUT AND DETAILS OF ALL FIRE PROTECTION WORK TO MEET THE REQUIREMENTS OF N.F.P.A. & GOVERNING CODES OR REGULATIONS AND TO THE APPROVAL OF THE AUTHORITY HAVING JURISDICTION AND INSURER FOR THE OWNER.

USE THE LATEST MECHANICAL, ELECTRICAL, ARCHITECTURAL AND INTERIOR DESIGN DRAWINGS FOR LAYOUTS AND INSTALLATIONS.

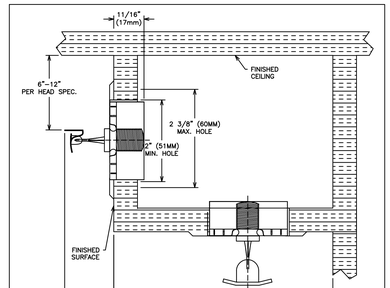
CONTRACTOR TO PROVIDE HYDRAULIC FIRE PROTECTION CALCULATIONS AND FIRE PROTECTION DRAWINGS IN SHOP DRAWING FORMAT TO THE AUTHORITIES HAVING JURISDICTION AND ONE COPY TO THE ENGINEER PRIOR TO ANY INSTALLATION.



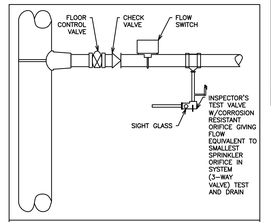
TOP BEAM HANGER
NTS REV. 1.2023



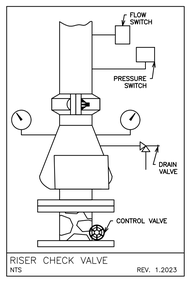
SIDEWALL DETAIL
NTS REV. 1.2023



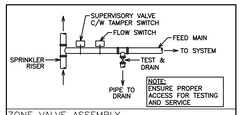
SIDEWALL & PDT. SPR. DETAIL
NTS REV. 1.2023



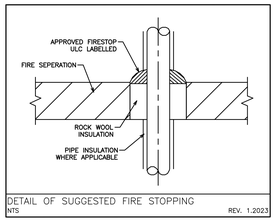
FLOOR CONTROL VALVE
NTS REV. 1.2023



RISER CHECK VALVE
NTS REV. 1.2023

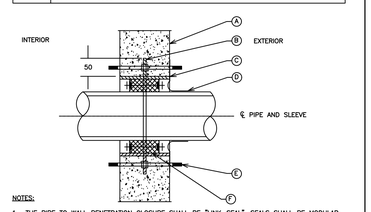


ZONE VALVE ASSEMBLY
NTS REV. 1.2023



DETAIL OF SUGGESTED FIRE STOPPING
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ITEM	DESCRIPTION
A.	EXTERIOR WALL
B.	WATER STOP AND ANCHOR COLLAR
C.	LINK–SEAL TYPE WALL SLEEVE MODEL WS OR CORE BIT DRILL WALL OPENING. DIA. AS REQ'D TO ACCEPT LINK SEAL ASSEMBLY
D.	EXTERIOR SURFACE OF SLEEVE, SEAL AND PIPE SHOULD BE COATED WITH COAL TAR OR OTHER WATERPROOFING MATERIAL
E.	25 DIA. GALVANIZED THREADED RODS FOR STRAPPING WATER MAINS. COORDINATE SPACING WITH FLANGERS AND SOCKET CLAMPS USED FOR TIE RODS
F.	LINK–SEAL TYPE WALL PENETRATION SEAL MODEL –LS– MODULAR MECHANICAL SYNTHETIC RUBBER SEAL

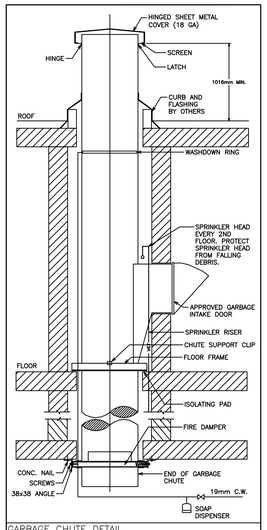


NOTES:
1. THE PIPE TO WALL PENETRATION CLOSURE SHALL BE "LINK–SEAL" SEALS SHALL BE MODULAR MECHANICAL TYPE, CONSISTING OF INTERLOCKING SYNTHETIC RUBBER LINK SHAPED TO CONTINUOUSLY FILL THE ANNULAR SPACE BETWEEN PIPE AND WALL OPENING. EACH LINK SHALL BE PROVIDED WITH PRESSURE PLATE UNDER EACH BOLT HEAD AND NUT. TIGHTENING OF BOLTS SHALL CAUSE THE RUBBER SEALING ELEMENTS TO EXPAND AND PROVIDE AN ABSOLUTELY WATERTIGHT SEAL BETWEEN PIPE AND WALL OPENING.

PIPE PENETRATION THROUGH EXTERIOR WALL
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NOTE:
ENTIRE BUILDING SHALL BE PROTECTED BY WITH SPRINKLER AND STANDPIPE SYSTEM.

HANGING NOTES:
A. STEEL PIPE
1. THE DISTANCE BETWEEN HANGERS SHALL NOT EXCEED 12'–0" FOR 1" AND 1–1/4" PIPE AND 15'–0" FOR 1–1/2" AND LARGER PIPES.
2. THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER ON THE LINE SHALL NOT BE GREATER 36" FOR 1" PIPE, 48" FOR 1–1/4" PIPE AND 60" FOR 1–1/2" OR LARGER PIPE. 3 1
3. FOR UP TO AND INCLUDING 4" PIPE USE " ATR; FOR 6" PIPE USE " ATR. 8 2
B. CPVC PIPE
1. THE DISTANCE BETWEEN HANGERS SHALL NOT EXCEED 8'–0" FOR 1" PIPE, 10'–0" FOR 1–1/4" TO 1–1/2" AND 12'–0" FOR 2" PIPE.



GARBAGE CHUTE DETAIL
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HAZARDS	
LIGHT HAZARD (0.1 gpm over 1500 sq.ft.)	ALL AREAS EXCEPT BELOW
ORDINARY HAZARD I (0.15 gpm over 1500 sq.ft.)	GARBAGE, MECHANICAL AND ELECTRICAL ROOMS

GENERAL REQUIREMENTS FOR MECHANICAL WORK

1. SCOPE OF WORK
1.1. CONFORM TO THE APPLICABLE PROVISIONS OF THE GENERAL CONDITIONS OF THE CONTRACT.
1.2. THE GENERAL MECHANICAL SPECIFICATIONS SHALL APPLY TO AND BE PART OF EACH OF THE SECTIONS COVERING THE MECHANICAL TRADES WORK.
1.3. COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE O.B.C., ALL OTHER APPLICABLE CODES, REGULATIONS, BY–LAWS AND OFFICIAL STANDARDS ACCORDING TO THE REQUIREMENTS AND INTERPRETATIONS OF THE AUTHORITIES HAVING JURISDICTION. THESE CODES AND STANDARDS CONSTITUTE AN INTEGRAL PART OF THESE SPECIFICATIONS. IN CASE OF CONFLICT, THE CODES TAKE PRECEDENCE OVER THE CONTRACT DOCUMENTS.

2. EXAMINATION OF SITE AND INFORMATION
2.1. EACH SUBCONTRACTOR, BEFORE PRICING, SHALL EXAMINE THE SITE, THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND THEY SHALL FAMILIARIZE THEMSELVES WITH THE BUILDING CONSTRUCTION AND FINISH IN ORDER THAT THEIR TENDER MAY INCLUDE EVERYTHING NECESSARY FOR THE PROPER COMPLETION OF THE WORK.

3. RELATIONSHIP TO OTHER TRADES
3.1. THIS SUBCONTRACTOR SHALL CONFER WITH ALL OTHER CONTRACTORS INSTALLING EQUIPMENT, PIPING, OTHER WORK, FOUNDATIONS, ETC., WHICH MAY AFFECT THEIR INSTALLATION, AND THEY SHALL ARRANGE THEIR EQUIPMENT, PIPING, ETC., IN PROPER RELATION WITH OTHER APPARATUS, AND WITH THE BUILDING CONSTRUCTION. THIS SUBCONTRACTOR SHALL ALSO CONFIRM THE ELECTRICAL CHARACTERISTICS OF THE PROJECT AND ORDER EQUIPMENT ACCORDINGLY.
3.2. SPECIAL CARE SHALL BE TAKEN IN THE INSTALLATION OF ALL WORK, TO SEE THAT THEY ALL COME WITHIN THE LIMITS ESTABLISHED BY THE FINISH LINES OF ALL WALLS, FLOORS, CEILINGS, ETC.
3.3. THIS SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR AND OTHER SUBCONTRACTORS WHO ARE CONCERNED, OF ALL OPENINGS, FOUNDATION WORK, HANGERS, INSERTS, ANCHORS, OR OTHER PROVISIONS NECESSARY IN THEIR WORK FOR THE INSTALLATION OF THE SUBCONTRACTORS WORK, AND THEY SHALL FURNISH ALL INFORMATION AND NECESSARY MATERIALS IN AMPLE TIME SO THAT PROPER PROVISIONS CAN BE MADE FOR SAME, AND SHALL SUPPLY AND CORRECTLY AND ACCURATELY PLACE ALL INSERTS, SLEEVES, ANCHORS, ETC.
3.4. FAILURE TO COMPLY WITH THESE REQUIREMENTS ON THE PART OF THIS SUBCONTRACTOR WILL RENDER THEM RESPONSIBLE FOR THE COST OF CUTTING OPENINGS, INSTALLING HANGERS AND OTHER PROVISIONS AT A LATER DATE, AND THE SUBSEQUENT PATCHING, ETC., THEREBY REQUIRED.
3.5. NO CUTTING SHALL BE DONE WITHOUT PERMISSION. ALL SUCH WORK SHALL BE DONE BY TRADES–PERSONS SKILLED IN AND CERTIFIED FOR THIS PARTICULAR TRADE.
3.6. EACH SUBCONTRACTOR IS TO BE AN EXPERT IN THEIR TRADE.

4. REQUIREMENTS OF INSPECTION DEPARTMENTS
4.1. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL LAWS AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION IN EACH CASE, PARTICULARLY ALL AFFECTED DEPARTMENTS OF THE MUNICIPALITY AND PROVINCE. ELECTRICAL EQUIPMENT SUPPLIED MUST CONFORM TO THE REGULATIONS OF CSA AND THE LOCAL UTILITY. ANYTHING NECESSARY TO MAKE THE WORK COMPLY WITH THESE REQUIREMENTS SHALL BE PROVIDED BY THIS SUBCONTRACTOR WITHOUT ADDITIONAL COST TO THE OWNERS IF IT REASONABLY COULD HAVE BEEN FORESEEN WHEN TENDERING.
4.2. EACH SUBCONTRACTOR SHALL PREPARE DRAWINGS IN ADDITION TO ENGINEER'S DRAWINGS AS MAY BE REQUIRED BY VARIOUS INSPECTION DEPARTMENTS HAVING JURISDICTION, AND OBTAIN THEIR APPROVAL BEFORE PROCEEDING WITH THE WORK.
4.3. IN THE EVENT THAT THE INSPECTION DEPARTMENT'S REQUEST DEVIATES FROM THE ENGINEER'S LAYOUT, THE SUBCONTRACTOR SHALL CONSULT ENGINEER BEFORE PROCEEDING WITH THE SAME. IT SHALL BE NOTED THAT ENGINEER'S DRAWINGS ARE GENERALLY ACCEPTABLE TO INSPECTION DEPARTMENTS AND MINOR SUPPLEMENTS NEED ONLY BE MADE BY SUBCONTRACTORS.

5. CERTIFICATES, PERMITS, FEES
5.1. SUBCONTRACTORS SHALL GIVE ALL NECESSARY NOTICES, OBTAIN ALL REQUIRED PERMITS AND PAY ALL FEES INCLUDING PAYMENT FOR STREET CONNECTIONS TO STORM, SANITARY, WATER AND GAS IN ORDER THAT THE WORK HEREIN SPECIFIED MAY BE CARRIED OUT AND THEY SHALL FURNISH ANY CERTIFICATES NEEDED AS EVIDENCE THAT THE WORK INSTALLED CONFORMS WITH THE LAWS AND REGULATIONS OF THE MUNICIPALITY AND PROVINCE.

6. GUARANTEE
6.1. THIS SUBCONTRACTOR SHALL GUARANTEE ALL MATERIAL AND WORKMANSHIP USED IN THE WORK TO BE IN STRICT ACCORDANCE WITH THE SPECIFICATIONS, OF BEST QUALITY AND TYPE OBTAINABLE TO GIVE FIRST–CLASS CONSTRUCTION AND PROPER EFFICIENT OPERATION, AND FREE FROM ANY DEFECTS. ANY SUCH DEFECTS WHICH MAY APPEAR IN ANY OF THE WORK WITHIN ONE YEAR AFTER WRITTEN ACCEPTANCE OF THEIR WORK, SHALL BE REPAIRED AND REPLACED BY THIS SUBCONTRACTOR WITHOUT ADDITIONAL EXPENSE TO THE OWNER. WHERE SUCH DEFECTS OCCUR, THIS SUBCONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS INCURRED IN MAKING THE DEFECTIVE WORK GOOD. THIS SHALL NOT OBSOLETE ANY LONGER WARRANTIES ON SPECIFIC ITEMS OF EQUIPMENT.
6.2. ALL INJURIES TO ADJACENT WORK, PARTICULARLY PLASTER, WOOD FINISHES OR OTHER MATERIALS, OR DAMAGE TO OTHER EQUIPMENT, CAUSED BY SUCH DEFECTS OF THIS SUBCONTRACTOR'S WORK OR BY SUBSEQUENT REPLACEMENT AND REPAIR, SHALL BE MADE GOOD AT THE EXPENSE OF THIS SUBCONTRACTOR. ALL REPAIR WORK SHALL BE DONE BY TRADES RESPONSIBLE FOR THE ORIGINAL WORK.

7. DRAWINGS
7.1. THE DRAWINGS SHOW THE APPROXIMATE LOCATION FOR SPECIAL APPARATUS AND THE MATERIALS THROUGHOUT THE BUILDING. THE ARRANGEMENT SHOWN ON THE DRAWING IS MORE OR LESS DIAGRAMMATIC AND AS SUCH APPROXIMATE ONLY, AND MAY BE ALTERED, AS APPROVED BY THE ENGINEER, TO MEET REQUIREMENTS OF THE APPARATUS, ETC., AND OF THE BUILDING. EACH SUBCONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL MEASUREMENTS FOR THEIR WORK THROUGHOUT, AND THEY SHALL ARRANGE THEIR PIPING, WIRING AND APPARATUS TO CONFORM TO THE ARCHITECTURAL AND STRUCTURAL DETAILS IN A SATISFACTORY MANNER AND SHALL CO–OPERATE WITH OTHER CONTRACTORS TO ENSURE THAT WORK SHALL MEET ALL REQUIREMENTS OF DIVERSE CONTRACTS.
7.2. ITEMS SHOWN ON THE DRAWINGS BUT NOT SPECIFIED OR SPECIFIED BUT NOT SHOWN SHALL BE INCLUDED.
7.3. ITEMS OBVIOUSLY REQUIRED TO PROVIDE A COMPLETE WORKING SYSTEM BUT NOT SPECIFIED NOR SHOWN SHALL BE INCLUDED.

8. RESPONSIBILITY AND LIABILITY
8.1. EACH SUBCONTRACTOR SHALL SUPERVISE THE LAYING OUT OF THEIR WORK AND SHALL ARRANGE IT IN CO–OPERATION WITH OTHER WHO MAY BE WORKING ON THE PREMISES WHILE THE WORK OF THIS CONTRACT IS IN PROGRESS. THEY SHALL PROTECT FINISHED AND UNFINISHED WORK OF THIS CONTRACT AND/OR WORK OF OTHERS ON THE PREMISES UNTIL THE COMPLETED WORK HAS BEEN ACCEPTED.
8.2. THE SUBCONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR INCONSISTENCIES FOUND IN THE DRAWINGS OR SPECIFICATIONS BEFORE SUBMITTING THEIR TENDER. THEY SHALL ABIDE BY DECISIONS GIVEN TO THEM IN WRITING WITH REGARD TO SAME. EACH SUBCONTRACTOR IS CAUTIONED THAT THE WORK AS SHOWN IS INTENDED TO BE COMPLETE IN ALL RESPECTS AND THAT FAILURE ON THEIR PART TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES WILL NOT RELIEVE THEM OF THE RESPONSIBILITY OF COMPLETING THE WORK AS INTENDED AT THE CONTRACT PRICE.

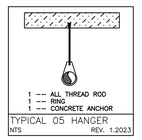
9. CLEAN–UP
9.1. DURING THE COURSE OF CONSTRUCTION, EACH SUBCONTRACTOR SHALL KEEP THEIR WORK TIDY AND NOT ALLOW AN ACCUMULATION OF DEBRIS RESULTING FROM THEIR WORK.
9.2. UPON COMPLETION OF THEIR WORK THEY SHALL LEAVE THE PREMISES IN A BROOM–CLEAN CONDITION.

10. PROTECTION
10.1. SUBCONTRACTORS ARE TO PROTECT THEIR WORK FROM CONSTRUCTION DIRT OR DAMAGE FROM ANY CAUSE. SECURELY PLUG AND CAP ALL OPENINGS IN PIPE, EQUIPMENT AND FIXTURES TO PREVENT OBSTRUCTIONS.

11. ELECTRICAL WIRING AND CONTROLS
11.1. ALL POWER WIRING FOR MECHANICAL EQUIPMENT SHALL BE DONE BY THE ELECTRICAL DIVISION. THE MECHANICAL TRADE INVOLVED SHALL PROVIDE STARTERS, THERMOSTATS, VALVES, CONTROL TRANSFORMERS, RELAYS, ETC. ALL CONTROL WIRING SHALL BE DONE BY THE MECHANICAL CONTRACTOR, UNLESS OTHERWISE NOTED ELSEWHERE IN THIS SPECIFICATION.

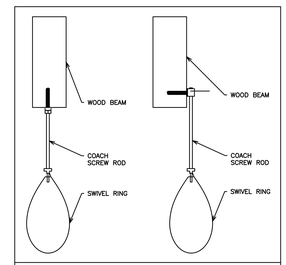
SPRINKLER NOTES

1. CONFIRM EXISTING CONDITIONS PRIOR TO PRICING AND INSTALLATION.
2. PROVIDE VALVES, HEADS, AND PIPING AS REQUIRED FOR A COMPLETE AND OPERATIONAL SPRINKLER SYSTEM IN CONFORMANCE WITH NFPA 13 AND LOCAL CODES.
3. SPRINKLER CONTRACTOR/ENGINEER TO PROPOSE FIRE EXTINGUISHER LOCATIONS, AS PER NFPA 10, AND AS REQUIRED BY LOCAL FIRE PREVENTION SERVICES. ALLOW FOR FOUR (4) ADDITIONAL FIRE EXTINGUISHERS, FROM THAT SHOW ON DRAWINGS AND TO BE LOCATED AT THE DISCRETION OF THE FIRE PREVENTION SERVICES. INCLUDE FIRE EXTINGUISHER LOCATIONS IN SHOP DRAWING SUBMISSION WITH SPRINKLER PLANS FOR REVIEW.
4. SPRINKLER CONTRACTOR TO COORDINATE WITH GRILLE, AND LIGHT LOCATIONS AND WITH MECHANICAL AND ELECTRICAL DRAWINGS PRIOR TO LOCATING SPRINKLER HEADS. CONTRACTOR IS TO VERIFY HEAD LAYOUT ON SITE TO ENSURE ADEQUATE COVERAGE AS PER NFPA 13.
5. CONTRACTOR SHALL DETERMINE BEST ROUTING OF SPRINKLER PIPING BY COORDINATING WITH ALL DRAWINGS. REFER SPECIFICALLY TO M1–PLUMBING, M2–DUCTWORK AND GAS PIPING. COORDINATE WITH ALL OTHER TRADES ON SITE PRIOR TO INSTALLATION OF PIPING.
6. CONCEAL ALL NEW PIPING IN CEILING SPACE OR BULKHEADS.
7. PROVIDE ACCESS DOORS IN GYPROCK CEILINGS AND WALLS FOR ACCESS TO VALVES, ETC. WHERE REQUIRED.
8. COORDINATE INTERLOCK OF SPRINKLER SYSTEM INTO FIRE ALARM SYSTEM WITH ELECTRICAL CONTRACTOR.
9. ALL REQUIRED CUTTING AND CORING BY SPRINKLER CONTRACTOR. ALL PATCHING BY GENERAL CONTRACTOR.
10. PROVIDE DESIGN DRAWINGS COMPLETE WITH HYDRAULIC CALCULATIONS FOR SUBMITTAL AND REVIEW BY ENGINEER AND REVIEWING AUTHORITIES.
11. SYSTEM SHALL BE TESTED AS PER SPECIFICATIONS AND WITNESSED BY THE ENGINEER.
12. COORDINATE TESTING OF DEVICES INTERLOCKED WITH FIRE ALARM SYSTEM WITH CONTRACTOR.
13. PROVIDE MATERIAL AND TEST CERTIFICATES UPON COMPLETION OF INSTALLATION AND TESTING TO ENGINEER AND REVIEWING AUTHORITIES.



TYPICAL 05 HANGER
NTS REV. 1.2023

NOTE:
TENDERING OF THESE DOCUMENTS IS DONE UNDER THE MUTUAL UNDERSTANDING THAT ALL CONTRACTORS ARE EXPERIENCED AND LICENSED IN THE WORKS BEING PROVIDED AND THAT ALL COMPONENTS OF A FULLY FUNCTIONING SYSTEM WILL BE INCLUDED WHETHER SHOWN OR NOT SHOWN BUT IMPLIED FOR A COMPLETE SYSTEM.



HANGER MATE
NTS REV. 1.2023

NO.	SUBMISSION	DATE
5	ISSUED FOR PERMIT	SEPT 2026
4	ISSUED FOR COORDINATION	SEPT 2026
3	ISSUED FOR PERMIT	AUGUST 2026
2	ISSUED FOR 90% COORDINATION	AUGUST 2026
1	ISSUED FOR 80% COORDINATION	JULY 2026

RH GAY HOLDINGS CO.
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MECHANICAL SPRINKLER NOTES & DETAILS

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LICENSED PROFESSIONAL ENGINEER
G.V.W. OSBORNE
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Sep 25/2026
PROVINCE OF ONTARIO

SCALE:	1:100
DESIGNED BY:	C.S.J. & A.L.P.
CHECKED BY:	C.S.J.
PROJECT NO.:	125724
DRAWING NO.:	M304

25/09/2026
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