GENERAL PLUMBING NOTES:

1. ALL PLUMBING WORK TO COMPLY WITH AND TO BE EXECUTED IN STRICT ACCORDANCE WITH THE CITY OF CHICAGO BUILDING CODE AND THE STATE OF ILLINOIS PLUMBING REQUIREMENTS.

2. ALL PLUMBING WORK SHALL BE GUARANTEED FOR A MINIMUM OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE OWNER/ARCHITECT.

3. THE PLUMBING CONTRACTOR SHALL VERIFY THE SIZING AND DESIGN OF ALL PLUMBING SHOWN AND SHALL FURNISH ALL NECESSARY LABOR, MATERIALS, INSTRUMENTS AND DEVICES REQUIRED TO CAUSE THE SYSTEM TO PERFORM IN ACCORDANCE WITH THE INTENT OF THE PLANS.

4. ALL PLUMBING ROUGH-INS MUST BE INSPECTED AND APPROVED BY THE CITY OF CHICAGO. INSPECTIONS SHALL BE SCHEDULED BEFORE DRYWALL IS HUNG IN CHASE AREAS OR CONCRETE POURED AT TRENCHES. CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL INSPECTIONS.

5. THE PLUMBING CONTRACTOR MUST TEST ALL PLUMBING FIXTURES (PRESSURE TEST THE ENTIRE SYSTEM) BEFORE THE OWNER WILL ACCEPT THE OCCUPANCY.

6. WHENEVER POSSIBLE, UTILIZE EXISTING UNDERGROUND SEWER WORK. THE PLUMBING CONTRACTOR SHALL VERIFY THAT THE EXISTING STORM SEWER AND WASTE SEWER SYSTEMS ARE IN SERVICEABLE CONDITION.

7. PROVIDE FLOOR DRAINS AT ALL FURNACE AND LAUNDRY LOCATIONS AND ALL OTHER LOCATIONS NOTED ON THE DRAWINGS. FLOOR DRAINS SHALL BE MADE TO FLOW PROPERLY.

8. VALVE SHUT-OFFS ARE REQUIRED FOR EACH FIXTURE, RISER, AND BETWEEN BRANCHES.

9. ADEQUATELY SUPPORT ALL PIPING FIXTURES. PROVIDE EXPANSION LOOPS AS REQUIRED.

10. PROVIDE WATER HAMMER PREVENTION SYSTEM FOR THE WATER SUPPLY PIPING AT EACH RISER AND AT EACH FIXTURE AS REQUIRED BY THE CITY OF CHICAGO BUILDING CODE.

11. ALL SUPPLY PIPING TO BE HARD DRAWN COPPER.

12. ALL WASTE PIPING UP TO 2" DIAMETER SHALL BE HARD DRAWN COPPER. WASTE AND VENT PIPING OVER 2" SHALL BE CAST IRON.

13. ALL WASTE LINES BELOW GROUND TO BE CAST IRON.

14. PVC IS PERMITTED WITHIN THIS PROJECT FOR PLUMBING PURPOSES OF ABOVE GROUND DISCHARGE AND VENT PIPE PER TABLE 18-29-7021.

15. THE PLUMBING CONTRACTOR SHALL PROTECT ALL EXISTING FIXTURES AND FAUCETS FROM DAMAGE THROUGH THE DURATION OF CONSTRUCTION.

16. ALL EXPOSED PIPING AND/OR TRIMS SHALL BE CHROMIUM PLATED (TYPICAL).

17. ANY EXISTING PLUMBING WORK DAMAGED BY THE CONTRACTOR SHALL BE REPLACED WITH NEW AND EQUAL TO THE EXISTING WITHOUT ANY COST TO THE OWNER.

18. PROVIDE ALL CUTTING AND DRILLING TEMPLATES REQUIRED FOR THE NEW WORK. NO EXISTING OR NEW STRUCTURAL WORK TO BE CUT WITHOUT PREVIOUS APPROVAL FROM THE ARCHITECT. PATCH ALL DISTURBED EXISTING WALLS AND CEILING TO MATCH ADJACENT SURFACES.

19. INSTALL ALL NEW WORK SUBSTANTIALLY AS INDICATED ON THE DRAWINGS. SLIGHT DEVIATIONS FROM LOCATIONS OF NEW PIPING INDICATED ON THE DRAWINGS MAY BE MADE BY THE CONTRACTOR (AT NO ADDITIONAL CHARGE TO THE OWNER) IN ORDER TO CLEAR EXISTING STRUCTURAL WORK, EXISTING HVAC, EXISTING PIPING, ETC.. HOWEVER, ALL SUCH DEVIATION SHALL BE PREVIOUSLY APPROVED BY THE ARCHITECT/OWNER.

20. THE CONTRACTOR SHALL VERIFY AT THE SITE THE EXACT LOCATION, ETC., OF ALL EXISTING PIPING, HVAC, ELECTRICAL CONDUITS, STRUCTURE, ETC., PRIOR TO HIS BID PROPOSAL AND COORDINATE ALL NEW WORK WITH THE EXISTING WORK. ANY EXISTING DRAWINGS IN THE POSSESSION OF THE OWNER SHALL BE MADE AVAILABLE TO THE CONTRACTOR FOR COORDINATION. IN CASE OF ANY CONFLICTS, MISUNDERSTANDINGS, DISCREPANCIES OR OMISSIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT PRIOR TO HIS COST PROPOSAL. NO ALLOWANCE AFTER THE AWARD OF THE BID SHALL BE GRANTED FOR FAILURE TO COMPLY WITH THIS REQUIREMENT.

21. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH THE OWNER PERTAINING TO THE USE OF DOOR ENTRIES, WORKING HOURS, REFUSE DISPOSAL, SECURITY, INTERRUPTION OF THE BUILDING UTILITIES, AND/OR FUNCTIONS, OWNERSHIP OR SALVAGED MATERIALS AND ANY OTHER ITEMS DEEMED TO THE MUTUAL INTEREST.

22. WORK SHALL INCLUDE, BUT NOT NECESSARILY LIMITED TO PROVIDING ALL LABOR, MATERIALS, TOOLS, PERMITS, TESTS, INSPECTION FEES, TAXES, ETC., NECESSARY FOR, OR INCIDENTAL TO THE INSTALLATION OF NEW PLUMBING WORK SATISFACTORY TO THE OWNER/ARCHITECT.

23. ALL OPENINGS THROUGH WINDOWS, FLOOR, AND PARTITIONS SHALL BE PACKED WITH FIRE RATED MATERIAL "THERMO-FIBER No. CW 40". FLOOR OPENINGS ADDITIONALLY SHALL BE CAULKED WATERTIGHT WITH B-1 BUTYL WATERPROOF MASTIC SEALANT.

24. PROVIDE 24" AIR CHAMBERS AT THE TOP OF EACH MAIN RISER.

25. PROVIDE 12" AIR CHAMBERS AT EACH FIXTURE.

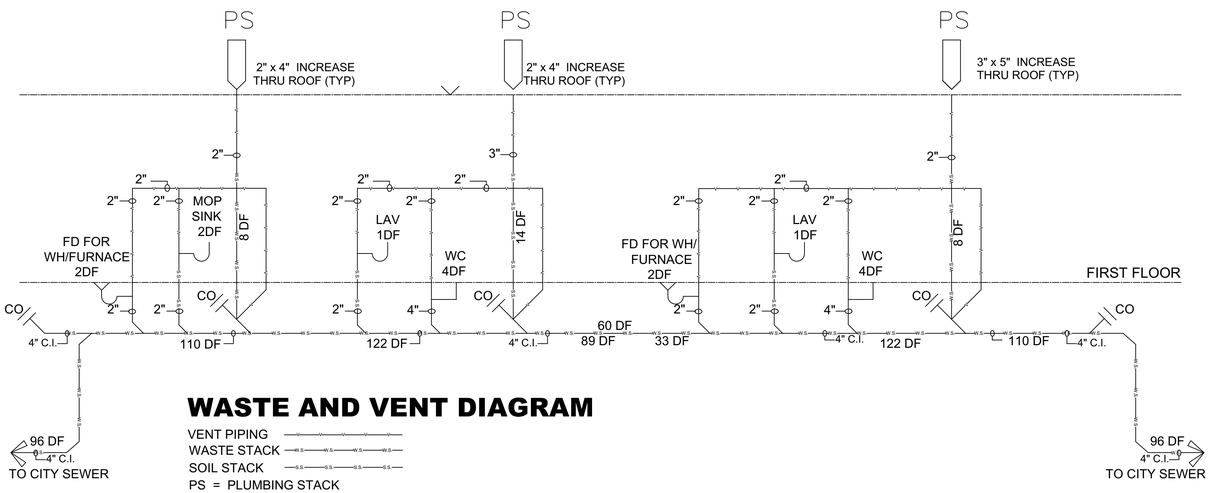
26. ALL PVC PIPING TO BE SCHEDULE 40.

27. ALL PVC FITTINGS TO BE DMV WITH PURPLE PRIMER AND CLEAR PVC. CEMENT.

28. PROVIDE ANTI-SCALD DEVICES AT ALL TUB AND SHOWER LOCATIONS

29. INSULATE ALL EXTERIOR WALL PLUMBING & ALL PLUMBING LOCATED IN FLOORS/CEILINGS ADJACENT TO UNCONDITIONED OR EXTERIOR SPACES.

30. REFER TO SHEET A-1 FOR ADDITIONAL NOTES.



WASTE AND VENT DIAGRAM

PLUMBING NOTES/ SCOPE OF WORK:

1. SEE ADDITIONAL NOTES @ SPECIFICATIONS SHEET A-1 AND SHEET P-2.
2. EXISTING 2" WATER SERVICE TO REMAIN. CONTRACTOR TO V.I.F (VERIFY IN FIELD).
3. THE EXISTING SPRINKLER SYSTEM TO REMAIN. REPAIR IF/AS NEEDED. OUTSIDE SPRINKLER CONTRACTOR TO PERFORM THE WORK. ANY REQUIRED PERMITS FOR ANY SPRINKLER SYSTEM REPAIRS OR REPLACEMENT TO BE OBTAINED, SEPARATELY BY SUCH CONTRACTOR. NO SPRINKLER WORK/ DETAILS UNDER THESE PLANS OR PERMIT.
4. INSTALL NEW COMMERCIAL GRADE PLUMBING SYSTEMS / PIPING/ FIXTURES @ BOTH FLOORS, AS PER PLANS. CONNECT TO EXISTING UNDERGROUND WASTE SYSTEMS.
5. PLUMBER TO V.I.F THAT ALL EXISTING UNDERGROUND PLUMBING IS COMPLIANT WITH THE CURRENT APPLICABLE CODE. SHOULD ANY WORK BE NECESSARY, AND A SEPARATE PERMIT IS REQUIRED, PLUMBER/ OWNER ARE RESPONSIBLE TO OBTAIN SUCH PERMITS. NO UNSEEN / UNDERGROUND EXISTING CONDITIONS/ PIPING / DRAINS HAVE BEEN OPEN FOR INSPECTION @ THE TIME OF MEASUREMENTS. WE ARE NOT RESPONSIBLE FOR ANY REVISIONS TO THESE PLANS/PERMITS RELATED TO SUCH WORK.
6. NO PVC ALLOWED. ALL NEW PLUMBING TO BE COMPLIANT WITH ALL APPLICABLE CITY/ STATE CODES.
7. PLUMBING CONTRACTOR TO ENSURE THAT ALL EXISTING AND NEW EQUIPMENT/PIPING/FIXTURES/WORK IS CODE COMPLIANT AND INSPECTED ACCORDINGLY. ALL/ANY UNDERGROUND/ROUGH/FINAL INSPECTIONS SCHEDULING AND SIGN-OFFs ARE THE RESPONSIBILITY OF THE CONTRACTOR/OWNER.
8. THE APPROVED PLANS AND THE PERMIT DOES NOT INCLUDE ANY WATER SERVICE OR WATER METER PERMITS. ALSO, NO CDOT PERMITS ARE INCLUDED AS IT RELATES TO ANY WATER SERVICE/WATER METER PERMITS. NO ACAR (ALTERNATIVE CODE APPROVAL
7. REQUEST) FOR UNDERGROUND PVC IS INCLUDED WITH THE PLANS AND PERMIT. SHOULD ANY OF THE ABOVE PERMITS BE NECESSARY OR REQUIRED, THE OWNER/CONTRACTOR(S) ARE RESPONSIBLE TO OBTAIN SUCH SEPARATE PERMITS.
9. THE ARCHITECT, EXPEDITER AND THEIR EMPLOYEES ARE NOT LIABLE NOR RESPONSIBLE FOR ANY/ALL EXISTING UNSEEN SITE CONDITIONS (UNDERGROUND OR ABOVE GROUND/IN CLOSED PARTITIONS) AT THE TIME OF FIELD MEASUREMENTS.

DEPARTMENT OF BUILDINGS
STANDARD PLAN REVIEW
APPROVED
Construction subject to full compliance with the Municipal Code of Chicago and field inspection
Building Commissioner
By

DRAWN:	M.A.H.
CHECKED BY:	G.M.K.
DATE:	
PROJECT #:	

ERRORS & OMISSIONS:
WHILE EVERY EFFORT HAS BEEN MADE TO PRODUCE A PERFECT SET OF PLANS FOR THIS PROJECT, THERE ALWAYS EXISTS A SMALL POSSIBILITY FOR ERRORS. CONSEQUENTLY, IT IS VITALLY IMPORTANT THAT THE BUILDER CAREFULLY REVIEW AND CHECK ALL DETAILS AND INFORMATION ON THESE PLANS INCLUDING DIMENSIONS AND MATERIALS QUANTITIES. RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS ON THE PLANS, OR WORK BASED ON THE MATERIALS LIST, MUST LIE WITH THE BUILDER. ANY DEFICIENCIES IN CONSTRUCTION MADE BY CONTRACTOR OR/AND SUB-CONTRACTORS ARE 100% THE RESPONSIBILITY OF CONTRACTORS. CONTRACTORS AND SUB-CONTRACTORS HAVE TO FOLLOW THE PERMITTED SET OF PLANS. ANY ERRORS AND OMISSIONS FOUND ON PLANS SHOULD BE REPORTED IMMEDIATELY TO THE ARCHITECT/ ENGINEER.

NO.	DESCRIPTION	DATE
	ISSUE DATES / REVISIONS	

PROJECT NAME:
EXISTING 1 STORY MASONRY WAREHOUSE BLDG. WITH PARTIAL OFFICE MEZZANINE SPACE- WORK @ THE S/E HALF SECTION ONLY - INTERIOR RENOVATION, ROOF REPLACEMENT, MASONRY/CONCRETE, STEEL STAIRS/PLATFORM REPAIRS, S.A.E @ 4700-14 W LAKE ST., CHICAGO
PROJECT ADDRESS:
4700 - 14 W. LAKE ST., CHICAGO, IL

LUCID
ENGINEERING SERVICES GROUP, LLC
DESIGN FIRM NO.: 184-006684-0006
PROFE/STRUC ENGINEER
163 FRANKLIN STREET. BLOOMINGDALE. ILLINOIS 60108
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LICENSED STRUCTURAL ENGINEER
GHULAM M KAMAL
081-006522
STATE OF ILLINOIS

SHEET

WASTE/VENT RISER DIAGRAM NOTES AND SCHEDULES

P-1