

RELEASED DATE: 2006-10-31 / MODIFIED DATE: 2006-10-31

GENERAL PLUMBING NOTES

- 1. ALL PLUMBING GENERAL NOTES, SYMBOLS, LISTS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING DRAWINGS FOR THIS PROJECT.
2. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND EXACT LOCATIONS AND ARRANGEMENTS OF EXIST/NEW EQUIPMENT, DUCTWORK, PIPING AND OTHER COMPONENTS SHALL BE DETERMINED IN THE FIELD WITH DUE CONSIDERATION OF STRUCTURAL, ELECTRICAL AND ARCHITECTURAL SYSTEMS. EXISTING STRUCTURAL SYSTEMS SHALL NOT BE MODIFIED WITHOUT THE EXPRESS PERMISSION OF THE ENGINEER.
3. THE PROJECT SHALL BE PHASED IN ACCORDANCE WITH THE OWNER'S APPROVED PHASING PLAN. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER FOR THE SEQUENCING AND TIMING OF OPERATIONS PRIOR TO COMMENCING WORK. SEE SPECIFICATIONS.
4. CONTRACTOR IS TO MAINTAIN SERVICE TO ROOMS OUTSIDE THE PROJECT SCOPE OF WORK AND PHASING SCHEDULE. IF INTERRUPTION OF SERVICE IS REQUIRED COORDINATE SHUTDOWN WITH OWNER. NOTIFY THE OWNER A MINIMUM OF 96 HOURS PRIOR TO SHUT-DOWN.
5. CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SYSTEMS AND SURFACES TO REMAIN. RESTORE DAMAGED AREAS THAT ARE BEYOND THE SCOPE OF THIS CONTRACT TO THEIR ORIGINAL CONDITION.
6. WHERE INDICATED ON THE DRAWINGS, REMOVE OR RELOCATE EXISTING COMPONENTS AS REQUIRED TO ACCOMMODATE THE NEW WORK. REMOVALS SHALL INCLUDE ALL ASSOCIATED OFF-SITE DISPOSAL COSTS.
7. COORDINATE REMOVALS AND RELOCATIONS INCLUDING SELECTIVE CUTTING AND PENETRATIONS WITH ARCHITECTURAL, MECHANICAL, STRUCTURAL AND ELECTRICAL CONTRACTORS.
8. FIELD VERIFY EXISTING EQUIPMENT AND PIPING PRIOR TO REMOVAL OR REUSE. CONFIRM WITH OWNER THAT ALL EQUIPMENT AND PIPING DESIGNATED TO BE REMOVED IS NO LONGER IN SERVICE PRIOR TO ITS REMOVAL. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL DEMO'D EQUIPMENT.
9. EXISTING EQUIPMENT AND PIPING TO REMAIN IN SERVICE SHALL BE INSPECTED, REPORT IMPERFABLE EQUIPMENT TO OWNER AND ENGINEER.
10. ALL UNUSED (ABANDONED), PIPING AND EQUIPMENT INDICATED TO BE REMOVED SHALL BE REMOVED AND CAPPED.
11. ALL EXISTING PIPING AND EQUIPMENT NOT SHOWN ON THE DWGS. SHALL REMAIN WITH NO CHANGE UNLESS NOTED OTHERWISE.
12. TIE-IN POINT LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS IN THE FIELD BASED ON EXISTING CONDITIONS.
13. COORDINATE THE LOCATIONS OF ALL WALL MOUNTED EQUIPMENT WITH FINAL EQUIPMENT/FURNITURE LAYOUT.
14. AT THE END OF EACH WORKING DAY, THE CONSTRUCTION SITE SHALL BE LEFT IN A CLEAN AND NEAT CONDITION.
15. INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND GOOD PRACTICE NORMAL TO THE TRADE. INSTALLATION SHALL INCLUDE PROVISIONS FOR ACCESS TO NORMAL MAINTENANCE ITEMS SUCH AS BELTS, BEARINGS, FILTERS AND MOTORS. PROVIDE ADEQUATE STRUCTURAL SUPPORTS AND SECURE MOUNTING METHODS WITH PROVISIONS FOR VIBRATION ISOLATION AND EXPANSION WHERE REQUIRED.
16. COORDINATE ALL PENETRATIONS WITH GENERAL CONTRACTOR. SEE ARCHITECTURAL DRAWINGS FOR PENETRATION DETAILS. PLUMBING CONTRACTOR SHALL PROVIDE FLASHING AND GUNTER FLASHING FOR ROOF PENETRATIONS AS REQUIRED.
17. PROVIDE PIPE SUPPORTS, GUIDES AND OFFSETS AS NECESSARY TO PREVENT UNDUE STRAIN ON PIPING.
18. SEE DETAILS AND PIPING DIAGRAMS FOR ADDITIONAL VALVES AND FITTINGS NECESSARY FOR COMPLETE PIPING SYSTEMS.
19. CONTRACTOR SHALL FIELD VERIFY ALL CLEARANCES AND DIMENSIONS.
20. INFILL ALL NEW OR EXISTING ABANDONED FLOOR SLAB PENETRATIONS WITH GROUT, FULL THICKNESS OF SLAB. MAINTAIN 2 HR FIRE RATING. ALL EXISTING CONCRETE FLOORS AND CHASES ARE 2 HOUR FIRE RATED.
21. ALL DOMESTIC WATER SUPPLY, VENT AND MEDICAL GAS PIPING SHALL BE RUN ABOVE CEILINGS OR WITHIN PARTITIONS UNLESS OTHERWISE NOTED.
22. PLUMBING RISERS SHALL BE RUN CONCEALED WITHIN WALLS OR CHASES. COORDINATE WITH ARCHITECTURAL DRAWINGS.
23. SUB GRADE SANITARY AND RAIN WATER LINES SHALL SLOPE 1/4" PER FOOT UNLESS NOTED OTHERWISE.

GENERAL ABBREVIATIONS

Table with 2 columns: ABBREVIATIONS and DESCRIPTIONS. Includes entries like AD (DUCT ACCESS DOOR), AFF (ABOVE FINISHED FLOOR), AP (ACCESS PANEL), ARCH (ARCHITECT), AS (AIR SEPARATOR), BS (BLOW SLAB), BTU (BRITISH THERMAL UNIT), etc.

GENERAL SYMBOLS

Table with 2 columns: SYMBOLS and DESCRIPTIONS. Includes symbols for tie-in points, equipment tags, revision tags, equipment designations, note call outs, pressure gauges, flow switches, pressure switches, thermometers, automatic air vents, manual air vents, pipe sizes, and title formats.

NEW EQUIPMENT SYMBOLS

Table with 2 columns: SYMBOLS and DESCRIPTIONS. Includes symbols for existing mop sinks, urinals, toilets, water coolers, plumbing fixtures to remain, new mop sinks, urinals, toilets, water coolers, and new plumbing fixtures to remain.

DEMOLITION EQUIPMENT SYMBOLS

Table with 2 columns: SYMBOLS and DESCRIPTIONS. Includes symbols for existing mop sinks, urinals, toilets, water coolers, and plumbing fixtures to remain to be removed.

PIPING SYMBOLS

Table with 3 columns: SYMBOLS, ABBREVIATIONS, and DESCRIPTIONS. Lists various piping types including hot water recirculation, cold water, hot water, vent, gas, oxygen, medical air, medical vacuum, nitrogen, nitrous oxide, carbon dioxide, waste anesthesia gas disposal, instrument air, pipe drops, risers, tees, connections, breaks, directions of flow, new plumbing vent, hot water, cold water, sanitary piping, gas, hot water, cold water, and medical gas piping.

MEDICAL GAS SYMBOLS

Table with 2 columns: SYMBOLS and DESCRIPTIONS. Lists symbols for existing and new medical gas alarm panels, oxygen outlets, medical vacuum outlets, medical vacuum bottles, medical air brackets, and medical gas piping.

PLUMBING DRAWING LIST

Table with 2 columns: NUMBER and TITLE. Lists drawing numbers P-1 and P-2 with their respective titles.

PLUMBING ALTERNATE LIST

Table with 2 columns: NUMBER and TITLE. Shows no alternates listed.

PRELIMINARY - NOT FOR CONSTRUCTION
APPROVED FOR CONSTRUCTION
SUPERSEDES ALL PREVIOUS ISSUES
BY: DATE:

REFERENCE DRAWINGS table with columns DWG. NO., TITLE, and BY.

Table with 3 columns: DWG. NO., TITLE, and BY. Contains a large empty space for reference drawings.

Released For Construction
Date: Aug 3, 2007

Table with 3 columns: REV., ISSUED TO, and ISSUED FOR. Shows revision history.

THIS DRAWING IS THE PROPERTY OF NELL AND GUNTER INCORPORATED AND IS TO BE USED ONLY FOR THE SPECIFIC PROJECT IDENTIFIED ON THE DRAWING. NO REVISIONS SHALL BE MADE WITHOUT THE EXPRESSED WRITTEN CONSENT OF NELL AND GUNTER INCORPORATED.

Table with 3 columns: REV., ISSUED TO, and ISSUED FOR. Shows revision history.

Table with 4 columns: NO., DATE, BY, REVISIONS, CKD. Shows revision history.

Table with 4 columns: DESIGNED, CHECKED, DESIGN, APPROVED, PROJ. ENG. Includes a professional engineer seal for Andrew W. Holbrook.

Neill and Gunter
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