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**PLUMBING  
PLAN**

REV:

SCALE: AS NOTED

JOB#: 1934A

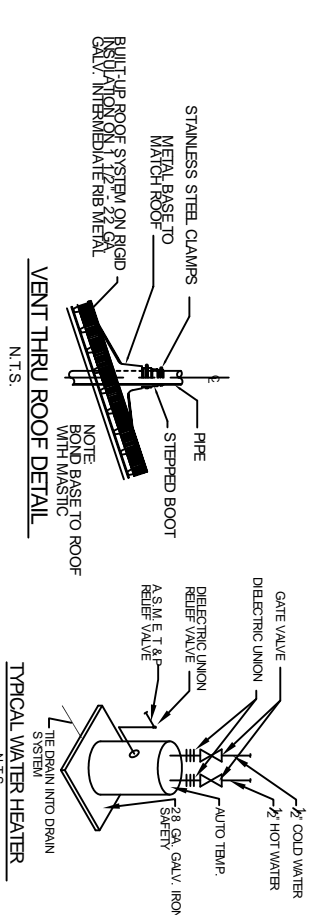
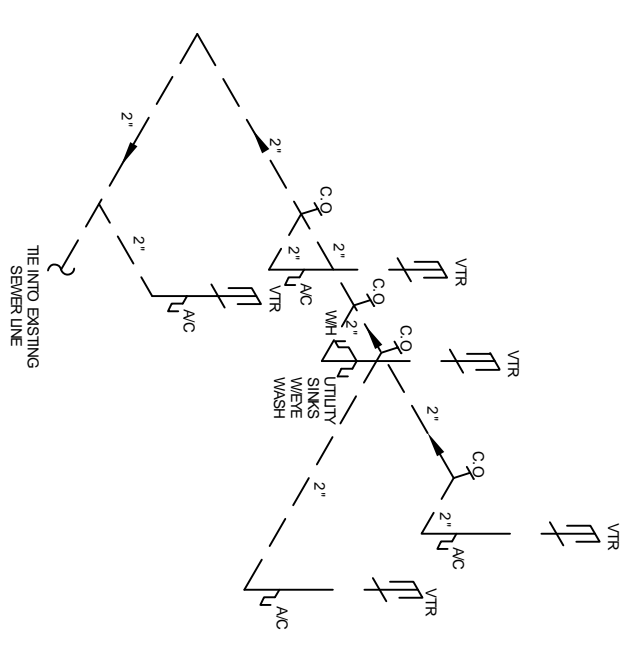
DATE: 07-18-08

SHEET 11

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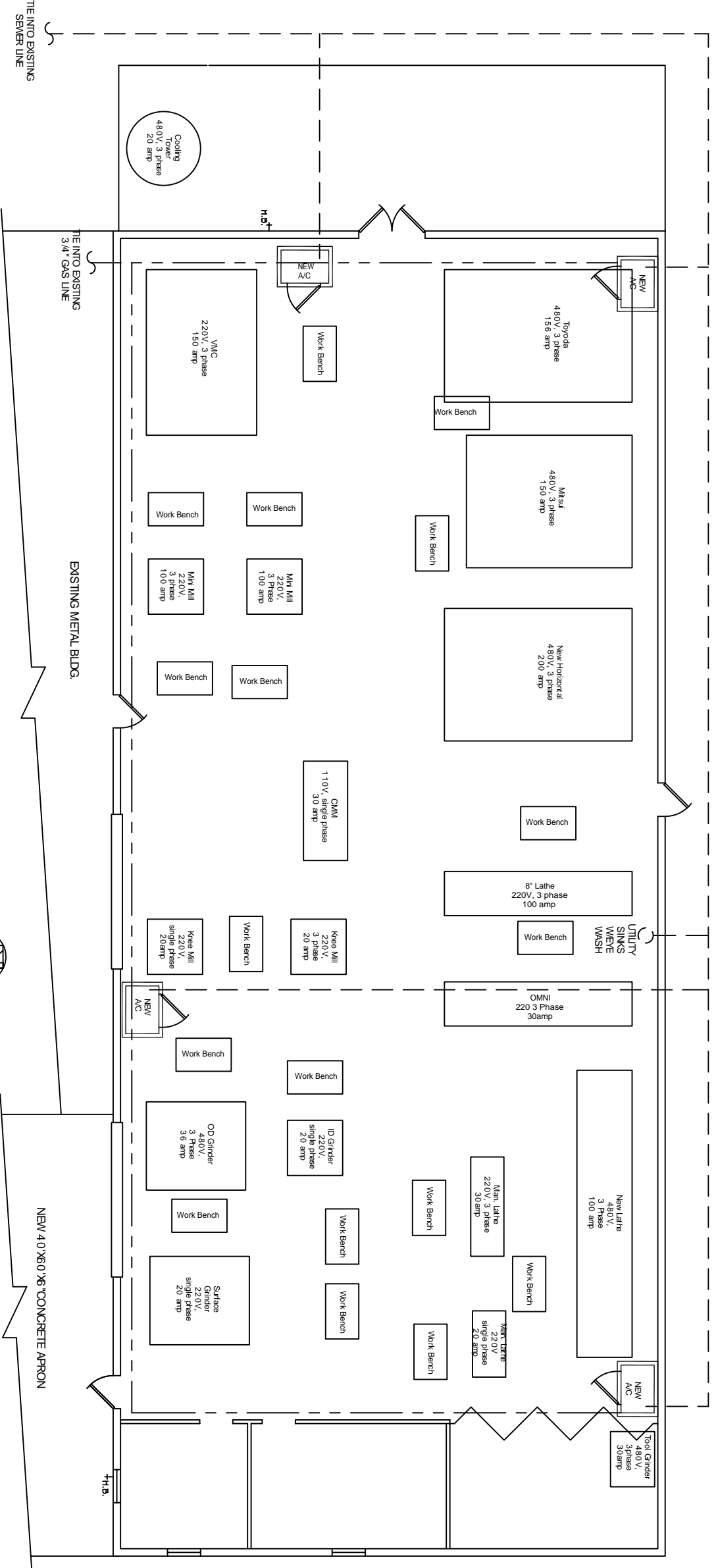
OF 11

- PLUMBING NOTES**
1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO COLUMN, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
  2. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL, CITY, FEDERAL, STATE AND NATIONAL GOVERNING CODES.
  3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND DEPTHS. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY CONNECTIONS NECESSARY FOR THE UTILITIES CONNECTIONS.
  4. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SERVICE AND DRAINAGE PIPES.
  5. SPWEEPER LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINE 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
  6. TEST ALL PIPING AT REQUIRED PRESSURE.
  7. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL SYSTEM, MECHANICAL SYSTEM AND ELECTRICAL TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
  8. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
  9. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFY.
  10. DRAINING HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ALLOWED UNDER THE SLAB.
  11. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B99 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TIGHT FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
  12. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPOUT ENDS AND CAST IRON FEMALE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
  13. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND PLUMBING PENETRATING ROOF PARTITIONS SHALL BE SEALED WITH MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E-141.
  15. ALL PLUMBING LINES SHOWN ARE DIAGRAMMATIC.



PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	TYPE	ROUGH-IN SIZES	NOTES
HS	HAND SINK/RE/WASH	-	2' - 2'	1.2' 1.2'
WH	15 GAL. WATER HEATER DRUM	-	2' - 2'	1.2' -



**PLUMBING PLAN**  
SCALE: 3/16"=1'-0"



THE INTO EXISTING  
SEWER LINE

THE INTO EXISTING  
3/4" GAS LINE

EXISTING METAL BLDG.

NEW 40'X60'X6" CONCRETE APRON