

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AND REPRESENTS ONE FOOT ON THE DRAWING.

SYMBOL LEGEND

Table with 3 columns: SYMBOL, DESCRIPTION, ABBREVIATIONS. Lists various plumbing symbols and their corresponding abbreviations and descriptions.

GENERAL PLUMBING NOTES

- A. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AND VERIFY ALL POINTS OF CONNECTIONS PRIOR TO SUBMITTING A BID.
B. COORDINATE PLUMBING PIPING WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES.
C. SLOPE WATER PIPING FOR DRAINAGE WITH DRAIN VALVES INSTALLED AT LOW POINTS.
D. PROVIDE ACCESS PANELS AT CONCEALED VALVES, WATER HAMMER ARRESTORS AND OTHER DEVICES ABOVE HARD CEILINGS AND WALLS.
E. PROVIDE CLEANOUTS WITH TOPS DESIGNED FOR SPECIFIC FLOOR FINISHES SUCH AS CARPET, TILE, ETC. UNLESS NOTED OTHERWISE.
F. COORDINATE WALL AND FLOOR PENETRATIONS AND INSTALL SLEEVES IN FLOORS.
G. REFER TO EQUIPMENT DETAILS FOR VENT PIPING AND VALVING NOT INDICATED ON THE PLANS.
H. DO NOT SCALE DRAWINGS. REFERENCE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DOORS, WINDOWS, WALLS, ETC.
I. INSTALL CLEANOUTS AT BASE OF ALL SANITARY AND STORM STACKS, AT ALL CHANGE IN DIRECTIONS GREATER THAN 45° AND IN STRAIGHT RUNS AT LEAST EVERY 50 FT.
J. LOCATE VERTICAL SUPPLY, STORM DRAINS, SANITARY WASTE, AND VENT PIPING IN WALLS OR PARTITIONS, UNLESS NOTED OTHERWISE.
K. LOCATE VENT, DOMESTIC SUPPLY AND MEDICAL GAS SUPPLY PIPING ABOVE CEILING, UNLESS NOTED OTHERWISE.
L. EXTEND VENTS UP AND COLLECT VENTS ABOVE THE CEILING.
M. PROVIDE FOR ACCESS TO EQUIPMENT REQUIRING CLEANING, ADJUSTMENT OR MAINTENANCE.
N. FIRESTOP ALL PENETRATIONS THROUGH RATED WALL AND FLOORS. USE UL LISTED PENETRATION MATERIALS.
O. COORDINATE ALL PHASES OF WORK AND INTERRUPTIONS IN SERVICE.
P. THESE ENGINEERING DRAWINGS ARE DIAGRAMMATIC. PROVIDE WORK AND MATERIAL FOR A COMPLETE INSTALLATION. MAKE PROPER HOT AND COLD WATER, WASTE, VENT, ETC., PIPING CONNECTION TO FIXTURES AND EQUIPMENT. PROVIDE PIPE ESCUTCHEONS, DIELECTRIC UNIONS, DRIP PANS, PIPE LABELS, VALVE TAGS, ANCHORS, SUPPORT SEALS, SLEEVE SEALS, ISOLATION VALVES, CLEANOUTS, ETC. IN QUANTITIES FOR A COMPLETE SYSTEM. PROVIDE EQUIPMENT, PLUMBING FIXTURES, TRIM HARDWARE AND / OR DEVICES UTILIZED IN THIS CLASS OF WORK, THOUGH NOT SPECIFICALLY MENTIONED OR SHOWN ON THESE DRAWINGS, BUT ARE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK.
Q. PROVIDE INSULATION ON NEW PIPING PER SPECIFICATIONS.
R. LOCATE PIPING STACKS AND RISERS OUTSIDE OF LOAD BEARING WALLS.
S. ALL PLUMBING FIXTURES TO BE SEALED AT FLOOR OR WALL USING SANITARY SEALANT APPROVED FOR THE PURPOSE.
T. PIPING SHALL NOT BE ROUTED ABOVE IT ROOMS, ELECTRICAL ROOMS, ELECTRICAL EQUIPMENT, OR UNDERNEATH ELECTRICAL ROOMS.
U. PIPE HANGERS, BRACES AND RESTRAINTS SHALL ADEQUATELY SUPPORT THE SYSTEM HORIZONTALLY AND VERTICALLY AND SHALL ALLOW FOR MOVEMENT WITHOUT TRANSMITTING STRESS OR VIBRATION TO THE STRUCTURE. HANGERS ON INSULATED PIPING SHALL BE PROVIDED WITH AND SHALL BE SIZED TO ACCOMMODATE HANGER SHIELDS, HORIZONTAL SOIL, WASTE AND VENT PIPING HUNG FROM BUILDING CONSTRUCTION SHALL BE SUPPORTED AT NOT OVER 5 FEET NEXT TO FITTINGS. PROVIDE ADDITIONAL SUPPORT AT JOINT, CHANGES IN DIRECTION AND ELSEWHERE AS REQUIRED TO MAINTAIN PROPER ALIGNMENT.
V. CLEAN FIXTURES, ADJUST VALVES, AND LEAVE THE SYSTEM IN GOOD WORKING ORDER. REMOVE DEBRIS AND RUBBISH AND REPAIR ANY DAMAGE CAUSED BY THE WORK.
W. PROVIDE SUPPORT DEVICES. ALL LOCATIONS SHOULD BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION. DO NOT USE THE SUPPORTS OF OTHER TRADES.
X. PROVIDE SEISMIC BRACING FOR ALL PIPING IN ACCORDANCE WITH NFPA 13. PROVIDE SHOP DRAWINGS OF ALL SEISMIC CALCULATIONS, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF SOUTH CAROLINA.
Y. SEE CIVIL PLAN - CS-0, FOR DOMESTIC SUPPLY, SANITARY AND STORM PIPING 5'-0" BEYOND BUILDING OR CANOPIES. DIVISION 22 SHALL BE RESPONSIBLE FOR PIPING WITHIN BUILDING AND ONLY UP TO 5'-0" BEYOND BUILDING ENVELOPE OR CANOPIES.
Z. ALL HOSE CONNECTIONS SHALL TERMINATE AT A VACUUM BREAKER TO PROTECT THE POTABLE WATER SYSTEM.
AA. ALL OUTLETS OF SINKS AND LAVATORIES SHALL TERMINATE WITH FLOW LAMINAR OUTLET.
BB. ALL POTABLE WATER PIPING SHALL BE COPPER WITH SWEAT FITTINGS. PRESS-CONNECTION TYPE FITTINGS IE. PROGRESS, OR SHARKBITE SHALL NOT BE ALLOWED.
CC. ALL SANITARY, STORM AND VENT PIPING, WITHIN STRUCTURE, SHALL BE HUB-LESS CAST IRON.
DD. ALL STORM PIPING SHALL BE INSULATED.
EE. ALL DECONTAMINATION PIPING SHALL BE NON-METALLIC. ABS, CPVC OR PVC. ALL FITTINGS SHALL SOVENT WELDED.

PLUMBING FIXTURE SCHEDULE

Table with 5 columns: MARK, DESCRIPTION, SAN, VENT, HW, CW, REMARKS. Lists plumbing fixtures and their specifications.

PIPE LEGEND

Table with 2 columns: NEW PIPE, PIPE DESCRIPTION. Lists pipe types and their descriptions.

DECONTAMINATION TANK SCHEDULE

Table with 9 columns: MARK, TYPE, CAPACITY, DIMENSIONS W X L X H, WALL THICKNESS, WEIGHT, MATERIAL, BASIS OF DESIGN, REMARKS. Lists decontamination tank specifications.

THERMOSTATIC MIXING VALVE SCHEDULE

Table with 6 columns: TAG, FLOW RATE (GPM), AVG. TEMPERATURE (DEG. F.), INLET SIZE, OUTLET SIZE, REMARKS. Lists thermostatic mixing valve specifications.

DRAIN & CLEANOUT SCHEDULE

Table with 5 columns: MARK, TYPE, DESCRIPTION, BASIS OF DESIGN, NOTES. Lists drain and cleanout specifications.

WATER HAMMER ARRESTOR SCHEDULE

Table with 5 columns: SYMBOL, FIXTURE UNITS, MAX. FLUID TEMP., CONNECTED PIPE SIZE, REMARKS. Lists water hammer arrestor specifications.

MEDICAL VACUUM PUMP SCHEDULE

Table with 9 columns: MARK, TYPE, (SCFM), TYPE, HP PER PUMP, VOLTAGE, PHASE, BASIS OF DESIGN, REMARKS. Lists medical vacuum pump specifications.

RECIRCULATING PUMP SCHEDULE

Table with 10 columns: MARK, TYPE, (GPM), HEAD (FEET), HP, WATTS, VOLTAGE, PHASE, BASIS OF DESIGN, REMARKS. Lists recirculating pump specifications.

MEDICAL GAS ALARM PANEL SCHEDULE

Table with 10 columns: SYMBOL, OXYGEN, MEDICAL AIR, VACUUM, MASTER PANEL, LINE PRESS. ALARM W/ GAUGES, MANUFACTURER. Lists medical gas alarm panel specifications.

MEDICAL GAS MANIFOLD SCHEDULE

Table with 3 columns: DESCRIPTION, MEDICAL GAS, REMARKS. Lists medical gas manifold specifications.

WATER HEATER SCHEDULE

Table with 10 columns: MARK, LOCATION, TYPE, MIN. STORAGE CAPACITY (GAL.), GPH RECOVERY, PLUMBING (CW, HW, DRAIN, EWT (DEG F), LWT (DEG F), KW), ELECTRIC (VOLT/PHASE), BASIS OF DESIGN, REMARKS. Lists water heater specifications.

ZONE ALARM PANEL SCHEDULE

Table with 10 columns: SYMBOL, OXYGEN, MEDICAL AIR, VACUUM, AREA PANEL, LINE PRESS. ALARM W/ GAUGES, MANUFACTURER. Lists zone alarm panel specifications.

MEDICAL GAS EQUIPMENT

Table with 3 columns: SYMBOL, MANUFACTURER MODEL NO., LOCATION. Lists medical gas equipment specifications.

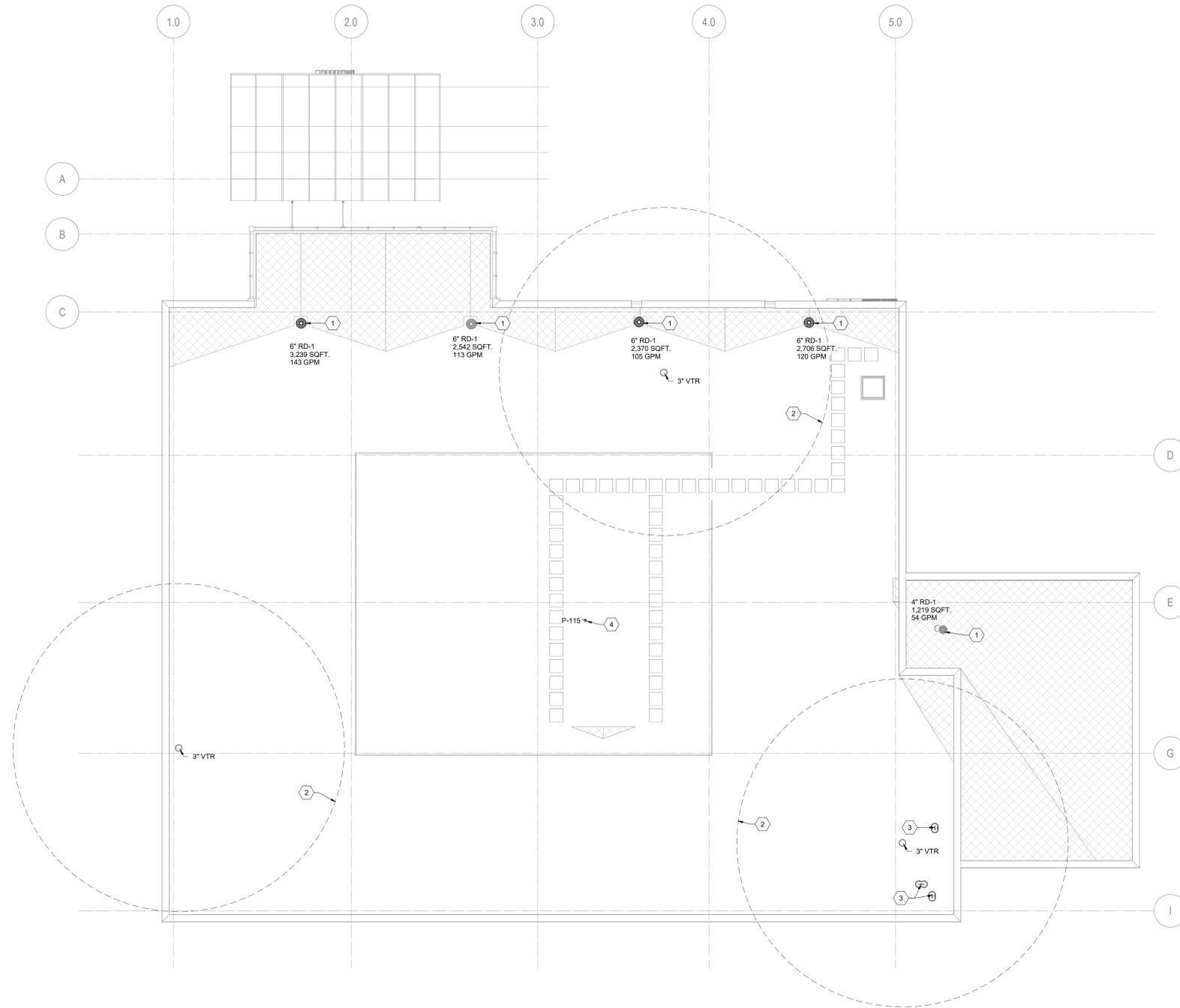
Vertical sidebar containing logos for ENVIRONMENTS FOR HEALTH ARCHITECTURE, CMC CONWAY MEDICAL CENTER, HARBELL DESIGN GROUP, HARBELL, DRG, and MALZETTI.

Vertical sidebar containing project information: NOVANT HEALTH CMC 22-90 Hand FSED, 6601 SC-90 CONWAY, SC 29526, PROJECT NUMBER: 3024096.00, HDG PROJECT NUMBER: 24020.

Table with 2 columns: DATE, DESCRIPTION. Contains a blank table for project notes.

Vertical sidebar containing a circular seal for HARBELL DESIGN GROUP, INC. and the text 'NOT FOR CONSTRUCTION'.

Vertical sidebar containing project submission information: ORIG SUBMISSION: 08.22.2025, CURRENT: SHEET TITLE AND NUMBER: P0.01, GENERAL NOTES, LEGENDS, & SCHEDULES.



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WASTE AND VENT PIPING - ROOF PLAN

1/8" = 1'-0"



GENERAL NOTES

1. REFER TO SHEET PL001 FOR LEGEND, ABBREVIATIONS, SCHEDULES AND GENERAL NOTES.
2. PLUMBING CONTRACTOR, FOUNDATION CONTRACTOR AND CIVIL CONTRACTOR SHALL COORDINATE TO FIELD DETERMINE THE EXACT ELEVATION OF THE SANITARY AND STORM PIPING BELOW THE STRUCTURE.

SHEET KEYNOTES

1. COORDINATE WITH ARCHITECTURE FOR THE LOCATION OF THE ROOF SLOPES.
2. NO VENTILATION AIR INTAKES SHALL BE LOCATED WITHIN 25'-0" RADIUS OF PLUMBING VENT.
3. MEDICAL GAS PIPING DISCHARGE. PROVIDE GOOSE NECK WITH 100 MESH STAINLESS STEEL SCREEN MECHANICAL FIXED TO GOOSE NECK- SIZE PER PIPE SIZE.
4. PROVIDE 3/4" DRAIN PIPE, WITHIN CLEAR SPACE ABOVE CEILING, ROUTE TO MOP SINK.

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NOVANT HEALTH
CMC 22-90 Hand FSED
 6601 SC-90
 CONWAY, SC 29526

PROJECT NUMBER: 3024096.00 HDG PROJECT NUMBER: 24020

3	DATE	DESCRIPTION



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ORIG SUBMISSION: 08.22.2025
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SHEET TITLE AND NUMBER:

P1.02
 ROOF PLAN - SANITARY

