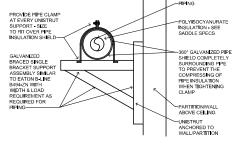
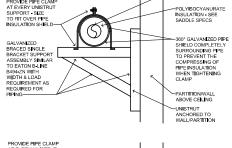
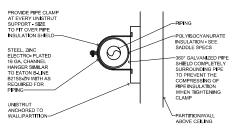


TYPICAL PIPE HANGER DETAIL

NO SCALE

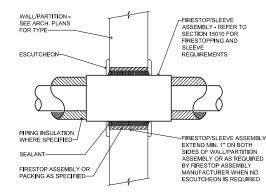






TYPICAL HORIZONTAL/VERTICAL UNISTRUT PIPING SUPPORT DETAIL AT ABOVE CEILING PARTITION

- NOTES:
 MULTIPLE PIPES SMILAR.
 2. SUPPORT SPACING SHALL BE AS SPECIFIED FOR UNSTRUM. ASSEMBLIES.
 3. MANUFACTURER'S SADOLE LABEL WITH LOGO STICKER SHALL BE APPLIED TO EACH SADOLE AND SHALL BE VISIBLE FOR VEHIFICATION OF PROPER NOTATION TO PROP
- SHALL BE VISIBLE FOR VERIFICATION OF PROPER INSTALLATION. TYPICAL UNISTRUT AND HANGER DETAILS INDICATED ARE PREFERRED. THIS DETAIL IS REQUIRED FOR PIPIN'S SUPPORTS WHEN HANGER ROOS EXCEED 59'T OS TRUCTURE ABOVE CELLING OF OR STATE OF THE AROUND STATE OF THE ARCHITECTS SPECIFICATIONS FOR TYPE OF WALL WITH ARCHITECTS SPECIFICATIONS FOR TYPE OF WALL WITH ARCHITECTS SPECIFICATIONS FOR TYPE OF WALL BUSTALLED AND PROMDE ARCHITECTS THE ARCHITECTS THE ARCHITECTS THE AUGUST.



INTERIOR WALL PIPING PENETRATION DETAIL

- TES:

 SEE SPEC SECTION 15010 FOR FIRESTOP AND SLEEVE REQUIREMENTS
 DETAIL APPLIES TO ALL PIPING,
 ONLY ONE PIPE PER ASSEMBLY ALLOWED.
 WHERE PIPING IS EXPOSED IN FINISHED AREAS, PROVIDE ESCUTCHEONS
 OVER PENETRATIONS AND DELETE REQUIREMENT FOR EXTENDING OF
 THE SLEEVE/FIRESTOP ASSEMBLY 1" ON EACH SIDE OF THE PARTITION.
 TERMINATE FLUSH WITH WALL. DO NOT USE SPLIT TYPE ESCUTCHEONS
 NOR SPLIT TYPE SLEEVES.

GENERAL PLUMBING NOTES

- PROPRESS OR SIMILAR TYPE JOINTS AND FITTINGS ARE NOT
- ALLOWED.

 ROUGH IN WATER CLOSET AND URINAL FLUSH VALVE SO THAT THE FLUSH TUBE IS VERTICALLY STRAIGHT.

 ADA RATURES AND INSTALLATION SHALL COMPLY WITH CURRENT ADD STANDARDS FOR ACCESSIBLE DESIGN.
- FLUSH VALVE HANDLE FOR ALL ADA MA
- AND STANDARDS TO A ACCESSING LOSEINN.
 FLUSH YAVE HANDLE FOR ALL DAD MANUAL FLUSH WATER
 CLOSETS SHALL BE LOCATED ON THE WIDE SIDE OF THE TOILET
 STALL AS REQUIRED BY CURRENT ADD STANDARDS FOR
 ACCESSIBILE DESIGN.
 ROUGHIA NAD WATER CLOSETS 18° FROM FINISHED WALL TO
 CENTERLINE OF THE WATER CLOSET. MEASURE FROM FACE OF
 SHORT SIDE OF THE STALL TO THE FINISHED WALL.
 PROVIDE A CAST IRON DEEP SEAL P TRAP FOR EACH FLOOR
 DRAIN AND HUB DRAIN WITH TRAP PRIMER AS SPECIFIED.
 ROUTE ALL OVERHEAD WATER PEPINS AND WATER PIPING WITHIN
 NOM-MASONEY WALLS WITHIN THE BULLDING INSULATION
 ENVELOPE, OVERHEAD PIPING SHALL BE LOCATED BETWEEN THE
 ARCHITECTURAL ARE BARRIER LOCATED AT THE BOTTOM OF THE
 OVERHEAD STRUCTURE AND THE FINISHED CELLING, DO NOT
 ROUTE OVERHEAD WATER PIPING IN THE ATTO WHEN IT CAN BE
 ROUTED BETWEEN THE ARCHITECTURAL AIR BARRIER AND THE
 FINISHED CELLING.
- ALL WATER PIPING INSTALLED AT BUILDING PERIMETER STUD
- FINISHED CELING.
 ALL WATER PIPNO INSTALLED AT BUILDING PERIMETER STUD
 WALLS SHALL BE LOCATED ON THE INTERIOR (WARN) SIDE OF THE
 BUILDING SCHERIOR WALL INSULATION.
 ALL WATER PIPNO SHOWN TO BE IN EXTERIOR PERIMETER
 MASONRY WALLS SHALL BE LOCATED WITHIN THE RESPECTIVE
 UNFILLED MASONRY BLOCK CELLS, DO NOT INSTALL WATER
 PIPNIG WHERE THE STRUCTURAL OR ARCHITECTURAL PLANS
 NOICATE THE MASONRY TO BE FILLED WITH CONCRETE.
 D. PROVIDE VALVE(S) WITH HOSE END VALVES AS REQUIPED TO
 ALLOW FOR DRAINAGE OF ALL RISERS AND OTHER SYSTEM LOW
 POINTS.
 COORDINATE ALL PIPNIG RUNS WITH THE ELECTRICAL PLANS AND
 THE ELECTRICAL CONTRACTOR. DO NOT ROUTE ANY PIPNIG OVER
 ELECTRICAL PANELS. TRANSFORMERS, SWITCHBARR ETC.
 MAINTAIN CLEARANCES AS REQUIRED BY RESPECTIVE CODES,
 ALL PIPNIG AND FITTINGS ROUTED INTHROUGH RETURN AR
 PLEMUMS & RETURN ARE PLATFORMS, OR WITHIN FIRE RATIED
 PARTITIONS AND ENTITINGS ROUTED BYTRONG FROM, PUPIF FOR
 WASTE PIPNIG) OR COPPER FOR WATER PIPNIG, SEE SPECS,
 PULMBENG VERS SHALL BE CAST.

- PLUMBING VENTS SHALL TERMINATE A MINIMUM OF 10"-0" HORIZONTALLY FROM ALL ROOF MOUNTED HVAC OUTSIDE AIR
- PROVIDE A READILY ACCESSIBLE OF EANOUT AT OR NEAR THE BASE OF EACH WASTE AND VENT STACK PER INTERNATIONAL PLUMBING CODE AND THE SPECIFICATIONS, CLEANOUTS SHALL
- PLUMBING CODE AND THE SPECIFICATIONS, CLEANQUTS SHALL BE HIGH ENDUGH TO CLEAR THE TLE BASE WITHOUT CUTTING OF THE BASE AND SHALL BE LOCATED WITHIN THE SPECIFED PIPING ENCLOSURE FOR ALL WALL MOUNTED LAVATORIES AND WALL MOUNTED HAND SINKS WHEN POSSIBLE. LOCATE CLEANDUTS TO THE SDE OF THE WATER CLOSETS WITH A MINNUM CLEARANCE OF 6" FROM THE ROUGH-IN OF THE WATER CLOSETS, PREFERRED LOCATION IS IN ADA STALL TO ALLOW FOR ADDITIONAL ACCESS SPACE. EXTREME CARE SHALL BE TAKEN WHEN ROUGHING IN
- EXI REM CARE SHALL BE INDUSTRED LAVATORY AND HAND SINK. CLEANOUTS A FACH WALL MOUTED LAVATORY AND HAND SINK. CLEANOUTS SHALL BE LOCATED WITHIN THE SPECIFIED LAV, SHELD PHING COVER WHENEVER POSSIBLE.
 ALL CLEANOUTS SHALL BE ROUGHED WITHOUT OUT TO CLEAT THE ARCHITECTURAL BASE MOLDING WITHOUT OUTTING THE
- SE MOLDING. TER SUPPLY SYSTEM IS DESIGNED FOR A STATIC PRESSURE
- WATER SUPPLY SYSTEM IS DESIGNED FOR A STATIC PRESSURE OF 50 TO 75 PS, GAUGE WATER SUPPLY PRESSURE AND VERFEY PRESSURE IS WITHIN THE SPECIFIC LIMITS, PROVIDE WATER PRESSURE REQUING VALUE AS REQUIRED TO MAINTAIN WATER PRESSURE WITHIN DESIGN LIWITS.

 PROVIDE A BALL VALVE ON ONE SIDE OF EVERY DIELECTRIC UNION AS REQUIRED TO FACILITATE ITS REMOVAL. TOPS OF ALL OTISIDE CLEANOUS SHALL BE FLAT AND BROUGHT TO GRADE AND FINISHED FLUSH IN 12x12x12 CONCRETE PAD, SEE

- TO GRADE AND PRISONED FLOORIN 12/12/2 CONCRETE PAID. SEE DETAIL, ALL WALL HYDRANTS SHALL BE LOCATED 32" TO THE BOTTOM OF THE WALL HYDRANT ENCLOSURE (NOT THE EXTENDIN PERMITTER FLANGE), COORDINATE FINAL HEIGHT OF INDOOR WALL HYDRANTS WITH ARCHITECTURA CABRIET LAND SPIGN TO ROUGHING IN, DO NOT LOCATE WITHIN A CABRIET UNLESS DIRECTED BY THE ARCHITECT. WATER HAMMER ARRESTORS SHALL BE INSTALLED AT ALL SOLEHOLD, REWITE OF REMOTE AND THE ARCHITECT. SOLEHOLD, REWITE OF REMOTE AND THE ARCHITECT.
- AT EACH PLUMBING FATURE OR BATTERY OF PLUMBING FIXTURES, SEE SPECS FOR ADDITIONAL REQUIREMENTS.

 ALL HUB DRAINS THAT RISE THROUGH RETURN AIR PLATFORMS SHALL BE RISULATED CAST INDO OR PUPP AND TERMINATED OF ABOVE THE RETURN AIR PLATFORM AND SEALED AIR TIGHT. DO NOT USE PUC PUPIG OI THE RETURN AIR PLATFORM AND SEALED AIR TIGHT. DO NOT USE PUC PUPIG OI THE RETURN AIR PLATFORM. COORDINATE PIPPING LOCATION WITH MECHANICAL CONTRACTOR.
- PRIOR TO ROUGH-IN.
 ALL PIPING WITH VALVES AND OTHER ITEMS THAT MAY REQUIRE ALL PIPING WITH VALVES AND OTHER ITEMS THAT MAY REQUIRE MAINTENANCE, SERVICE OR REPLACEMENT, SHALL BE LOCATED NO MORE THAN 12" ABOVE THE FINSHED CELLING AND NO MORE THAN 14"OF ABOVE FINSH FLOOR IN AREAS WITHOUT CELLINGS. TO ENSURE PROPER ACCESS, PROVIDE DROPS IN PIPINS AS REQUIRED FOR COMPLIANCE.

 INC 70.1, REQUIRES ALL DRABMAGE PIPING UPSTREAM OF A GREASE INTERCEPTOR TO BE SLOPED AT 14" PER POOT (2%).
- SLOPE).

 26. DEMOLISH ALL EXISTING WALLS AS REQUIRED TO INSTALL NEW
- DEMOLISH ALL EXISTING WALLS AS REQUIRED TO INSTALL NEW THEMS AS SHOWN ANDORS SPECIFIED, RECONSTRUCTION AND REPARS OF DEMOLISHED WALLS SHALL BE AS DIRECTED BY THE ARCHITECT, COORDINATE DEMOLITION AND REPARINGREBULDING OF EXISTING WALLS WITH GENERAL CONTRACTOR PRIOR TO BID TO ALLOW FOR INSTALLATION OF CARRIERS, FIXTURES, PIPMS, ETC, AS REQUIRED AND AS

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SHEET TITLE : DETAILS AND NOTES

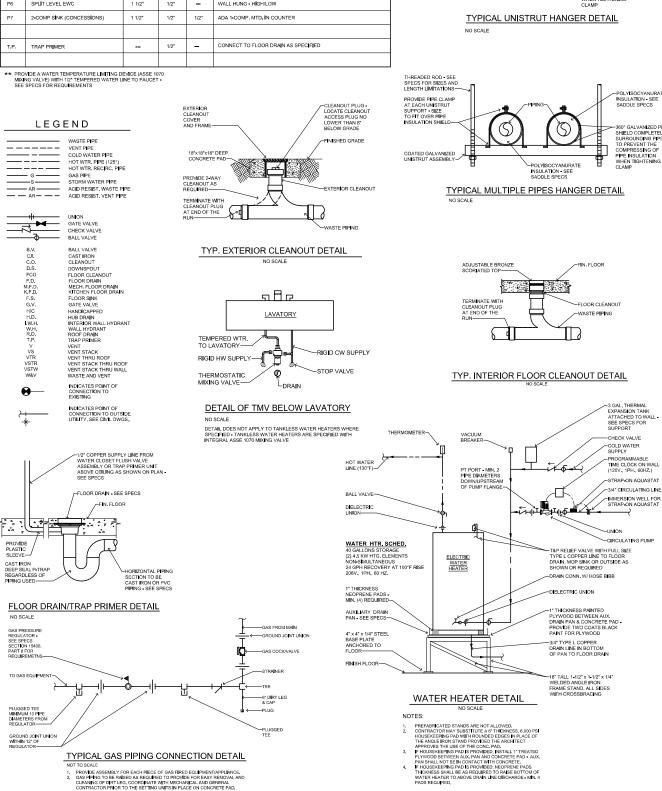
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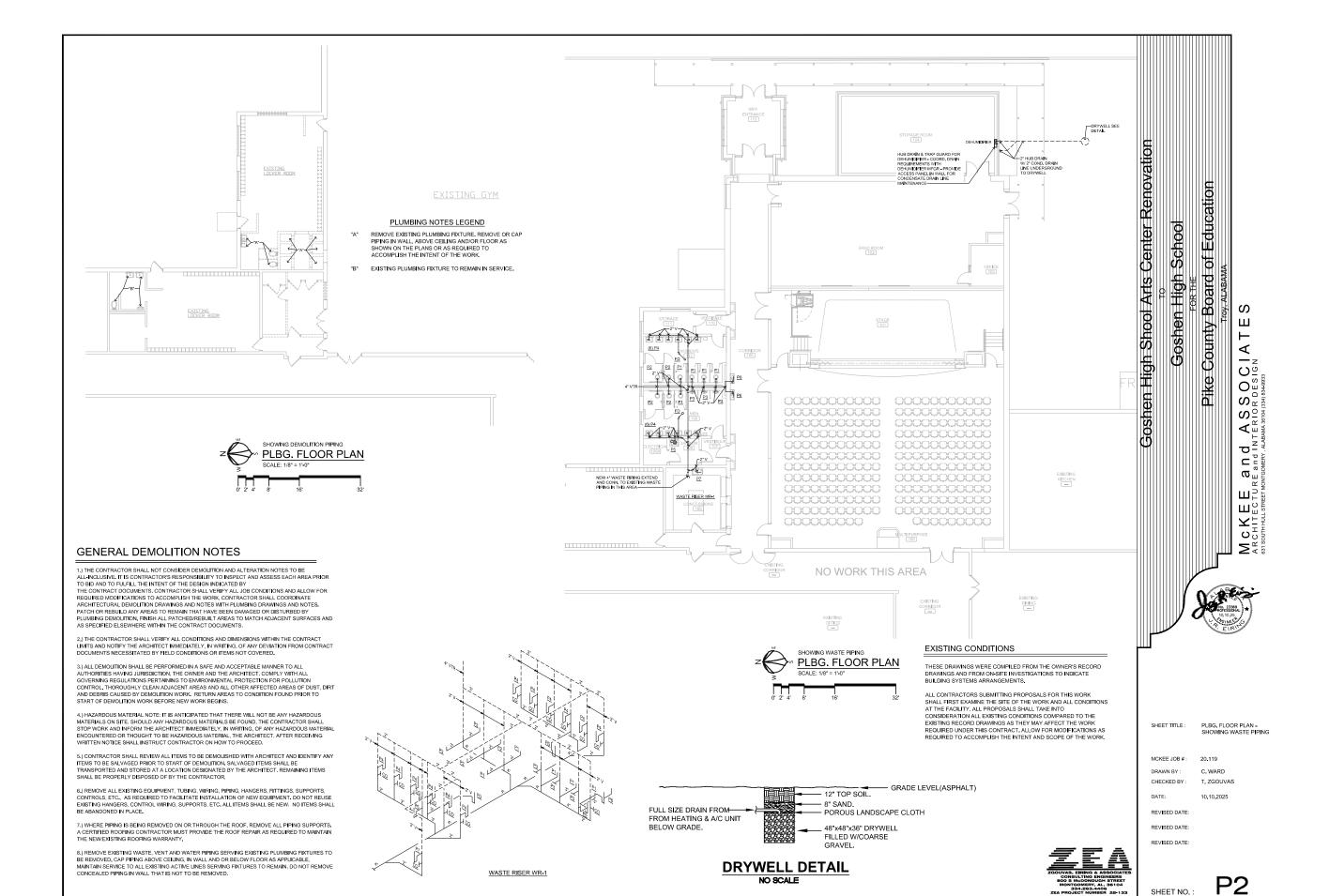
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