

**GENERAL NOTES:**

1. OBTAIN MANUFACTURER'S DATA ON ALL EQUIPMENT. THE DIMENSIONS OF WHICH MAY AFFECT INSTALLATION. USE THIS DATA TO COORDINATE PROPER SERVICE CHARACTERISTICS, ENTRY LOCATIONS, ETC., AND TO INSURE MINIMUM CLEARANCES ARE MAINTAINED.
2. ANY WALLS, CEILINGS, EQUIPMENT, ETC., DAMAGED BY THE CONTRACTOR IN CONSTRUCTION OF THIS PROJECT SHALL BE REPAIRED, RESTORED AND/OR REPLACED BY THE CONTRACTOR TO ITS ORIGINAL CONDITION, OR TO PERFORM ITS INTENDED FUNCTION, AT NO ADDITIONAL COST TO OWNER.
3. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. REPAIR, CLEAN, AND REPLACE EXISTING EQUIPMENT, FIXTURES, AND PIPING AS NEEDED.
4. FLOOR DRAINS AND FLOOR SINKS TO BE INSTALLED WITH TRAP AND TRAP PRIMER.
5. PAINT ALL EXTERIOR EXPOSED NATURAL GAS PIPING WITH TWO COATS OF RUST INHIBITIVE PAINT.
6. ALL SHUT-OFF VALVES MUST BE ACCESSIBLE.

**CIVIL COORDINATION NOTES:**

1. EXISTING BACKFLOW PREVENTER LOCATED OUT THE REAR OF THE BUILDING. COORDINATE EXACT LOCATION IN FIELD.
2. EXISTING WATER METERS TO REMAIN. COORDINATE REQUIREMENTS WITH LANDLORD. COORDINATE EXACT LOCATION IN FIELD.
3. EXISTING FDC TO REMAIN.

DRAINAGE PRODUCTS SCHEDULE				
MARK	MANUFACTURER	MODEL	STRAINER SIZE	NOTES
FCO	MIFAB	C1100-1	-	CAST IRON BODY FLOOR CLEANOUT WITH NICKEL BRONZE TOP
OD-1	MIFAB	R1200	-	CAST IRON WITH FLASH CLAMP, GRAVEL STOP, AND INTERNAL WATER DAM
RD-1	MIFAB	R1200	-	CAST IRON WITH FLASH CLAMP AND GRAVEL STOP

**FIRE PROTECTION REQUIREMENTS BY LANDLORD'S INSURER:**

1. CONTRACTOR SHALL PROVIDE SPRINKLER DESIGN INTENT DRAWINGS WITH MAIN ROUTING AND RISER SCHEMATIC WITH PROJECT SPECIFIC DESIGN/BUILD SPECIFICATIONS.
2. THE FIRE PROTECTION SYSTEM SHALL BE A DESIGN/BUILD SYSTEM INSTALLED TO COMPLY WITH ALL LOCAL, STATE AND GOVERNING AUTHORITY APPROVALS REQUIRED. CONTRACTOR SHALL DESIGN SYSTEM IN CONFORMANCE TO (AND COORDINATED WITH) ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL CONSTRUCTION DOCUMENTS AND APPLICABLE FLOW TEST INFORMATION.
3. ALL SPRINKLER CONTROL VALVES SHOULD BE ACCESSIBLE FROM THE EXTERIOR OF THE BUILDING.
4. NO SHUT-OFF VALVES TO BE INSTALLED IN OR ABOVE TENANT SPACES UNLESS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION AND SPECIFICALLY APPROVED IN WRITING BY CBL.
5. AN INSPECTOR'S TEST CONNECTIONS SHOULD BE PROVIDED AT THE MOST REMOTE BRANCH LINE FOR EACH SYSTEM. THE TEST CONNECTION DISCHARGE OUTLET SHOULD BE PIPED TO THE EXTERIOR OF THE BUILDING AT A SAFE LOCATION.
6. RUN PIPING HORIZONTALLY AND AT RIGHT ANGLES TO WALLS AND CEILINGS. CENTER SPRINKLER HEADS WITH RESPECT TO CEILING COMPONENTS, SUCH AS CEILING GRID, LIGHTING FIXTURES, HVAC DIFFUSERS AND SPEAKERS, AS DIRECTED BY ARCHITECT.
7. FIRE PROTECTION SYSTEM SHOP DRAWINGS SHALL INCLUDE SEPARATE AND COMPLETE REFLECTED CEILING PLANS INDICATING LOCATION OF EACH SPRINKLER HEAD, AS WELL AS PIPING LAYOUTS. PROVIDE ADDITIONAL SPRINKLER HEADS (OVER CODE MINIMUM QUANTITIES) IF REQUESTED BY ARCHITECT, TO OBTAIN SYMMETRICAL CEILING LAYOUTS.
8. ADD 10% CONTINGENCY FACTOR TO HYDRAULIC CALCULATIONS TO PROVIDE FOR FUTURE TENANT REQUIREMENTS, AND ADDITIONAL 10% CONTINGENCY FOR ATRIUM SPACES COVERAGE.
9. ADD A 10% SAFETY FACTOR TO HYDRAULIC CALCULATIONS FOR A CUSHION AGAINST FUTURE PIPE MAIN DEGRADATION. PIPE VELOCITY IN SPRINKLER PIPING SHALL NOT EXCEED 20 FPS.
10. PROVIDE TEST CONNECTIONS AT HIGHEST POINT OF MAIN PORTION OF EACH SPRINKLER SYSTEM, WITH 1" PIPE AND VALVE. TEST PIPE SHALL BE CONNECTED TO SPRINKLER PIPE AT LEAST 1'-1/4" IN SIZE AND SHALL DISCHARGE OUTSIDE BUILDING THROUGH 1/2" SMOOTH BORE BRASS OUTLET, WHERE IT CAN BE EASILY SEEN.
11. VERIFY CONDITIONS AND TAKE FIELD MEASUREMENTS AS REQUIRED TO ENSURE WORK SHALL FIT ACTUAL CONDITIONS. FIELD CORRECTIONS TO FABRICATED WORK DUE TO WORK ALREADY INSTALLED, PIPE ROUTE CONFLICTS AND ADJUSTMENTS TO ADJACENT WORK WHERE REQUIRED FOR PROPER INSTALLATION OF WORK SHALL BE SUBJECT TO ARCHITECT'S APPROVAL. CORRECTIONS AND ADJUSTMENTS SHALL BE PERMITTED ONLY WHEN NOT DETRIMENTAL TO APPEARANCE AND FUNCTION OF WORK AND SHALL BE DONE AT NO ADDITIONAL COST TO OWNER.
12. INCLUDE THE FOLLOWING IN SPECIFICATIONS:  
SPRINKLER CONTRACTOR SHALL PROVIDE MANPOWER AND SUPERVISION AS REQUIRED, UP TO GRAND OPENING, TO DRAIN DOWN AND RECHARGE SYSTEM ZONES AS REQUIRED FOR TENANTS' CONTRACTORS' CONNECTIONS TO OWNER SERVICE MAINS. CONNECTION SCHEDULE WILL BE SET AT REGULAR INTERVALS AND COORDINATED WITH SPRINKLER CONTRACTOR.

**SPRINKLER PLAN REVIEW REQUIREMENTS:**

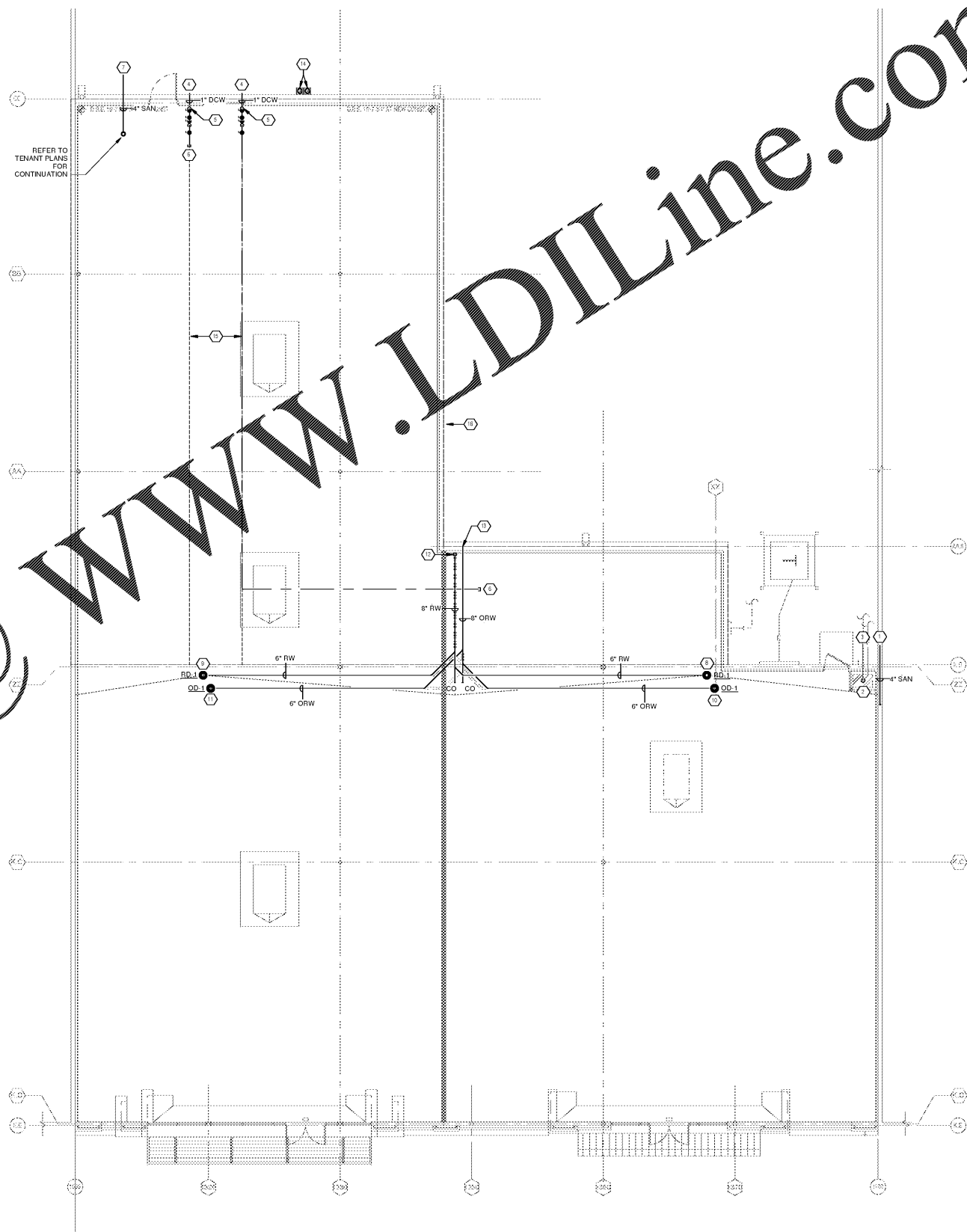
SPRINKLER PLAN SUBMITTAL TO ZURICH SHOULD BE PROVIDED VIA AN FTP SITE OR SIMILAR METHOD. SUBMITTAL REQUIREMENTS ARE AS FOLLOWS:

- A. SPRINKLER SHOP DRAWINGS PREPARED BY THE SPRINKLER CONTRACTOR
- B. HYDRAULIC CALCULATIONS
- C. "CUT SHEETS" FOR ALL FIRE PROTECTION EQUIPMENT THAT REQUIRE UTILITY
- D. A COPY OF THE DESIGN-BUILD SPECIFICATIONS PREPARED BY THE
- E. PROVIDE THE PRIMARY CONTACT FOR CBL, A/E, O/E, AND THE SUBCONTRACTOR TO THE SUBMITTAL.

FOLLOWING REVIEW OF THE PROPOSED FIRE PROTECTION SYSTEM, A RESPONSE WILL BE SUBMITTED BY ZURICH BACK TO CBL WITHIN THE SUBMITTED RESPONSE TIME. THIS RESPONSE WILL INCLUDE ANY RECOMMENDED IMPROVEMENTS NEEDED TO THE DESIGN AND ACCEPTANCE. ACCEPTANCE CONTINGENT UPON COMMENTS OR REJECTION OF THE PROPOSED DESIGN (WITH REASON FOR REJECTION).

**KEYED NOTES:**

1. EXISTING SANITARY WASTE PIPING BELOW GRADE WITH 2-WAY EXTERNAL CLEANOUT TO BE REUSED. VERIFY INVERT ELEVATION IN FIELD. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
2. EXISTING FIRE RISER.
3. EXISTING FIRE MAIN PIPING BELOW GRADE. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
4. RELOCATE EXISTING DOMESTIC WATER PIPING BELOW GRADE TO LOCATION SHOWN. RELOCATED EXTERIOR BACKFLOW PREVENTER AS NEEDED. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
5. RELOCATED DOMESTIC WATER PIPING UP WITHIN ROOM. ROUTE TIGHT TO INSIDE FACE OF EXTERIOR WALL. CLEAN, REPAIR, AND REPLACE EXISTING EQUIPMENT AS NEEDED.
6. CUT, VALVE, AND CAP EXISTING DOMESTIC WATER PIPING AT STRUCTURE FOR FUTURE CONNECTION BY TENANT.
7. RELOCATE EXISTING SANITARY PIPING BELOW GRADE TO LOCATION WITH 2-WAY EXTERNAL CLEANOUT. VERIFY INVERT ELEVATION IN FIELD. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
8. 6" PRIMARY ROOF DRAIN (4,456 SQUARE FOOT DRAINAGE AREA, RD-1). INSTALL ROOF DRAINS BETWEEN STRUCTURAL WEBBING.
9. 6" PRIMARY ROOF DRAIN (3,978 SQUARE FOOT DRAINAGE AREA, RD-1). INSTALL ROOF DRAINS BETWEEN STRUCTURAL WEBBING.
10. 6" OVERFLOW ROOF DRAIN (4,456 SQUARE FOOT DRAINAGE AREA, OD-1). INSTALL ROOF DRAINS BETWEEN STRUCTURAL WEBBING.
11. 6" OVERFLOW ROOF DRAIN (3,978 SQUARE FOOT DRAINAGE AREA, OD-1). INSTALL ROOF DRAINS BETWEEN STRUCTURAL WEBBING.
12. ROUTE DRAIN PIPING INSIDE OF WALL AND THE DRAIN PIPING INTO CIVIL STORM LINE BELOW GRADE. SEE CIVIL DRAWINGS FOR CONTINUATION.
13. ROUTE OVERFLOW DRAIN PIPING INSIDE OF WALL. SPLASH ONTO GRADE WITH SCUPPER SPECIFIED BY ARCHITECT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF SCUPPER.
14. NATURAL GAS METER MANIFOLD BY LOCAL UTILITY COMPANY. FUTURE LOADS TO BE DETERMINED BY TENANT ENGINEER.
15. REMOVE EXISTING WATER PIPING BELOW SLAB TO STUB UP LOCATION SHOWN ON THIS PLAN. DESIGN INTENT OF STORM FOR THIS AREA TO SLOPE TO REAR OF PREMISES WITH GUTTERS AND DOWNSPOUTS TO DISCHARGE TO GRADE. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



1 FLOOR PLAN - PLUMBING  
P-1.1 1/8" = 1'-0"

**CRITICAL NOTE:**  
FIRE PROTECTION CONTRACTOR SHALL EXTEND EXISTING FIRE PROTECTION SERVICE TO PROTECT NEW ADDITION AS REQUIRED. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING. NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY IF EXISTING CAPACITY IS INADEQUATE TO PROTECT ADDITION. FINAL DESIGN REQUIRING MORE THAN 20 SPRINKLER HEADS MUST BE SUBMITTED TO LANDLORD'S INSURER, ZURICH, FOR REVIEW. REFER TO FIRE PROTECTION REQUIREMENTS BY LANDLORD'S INSURER. ON THIS SHEET CONTRACTOR SHALL REPORT ANY IMPAIRMENTS TO EXISTING SYSTEM REQUIRED TO INSTALL NEW WORK TO ZURICH. NEW SYSTEM DISTRIBUTION SHALL BE MINIMUM 12'-6" AFF WITH HEADS TURNED UP.

**CRITICAL NOTE:**  
CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS AND ALSO COORDINATE WITH CIVIL ENGINEER'S PLANS. NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES.



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SEAL

ISSUE & REVISION RECORD

#	DATE	DESCRIPTION
1	05/30/2019	PERMIT SUBMITTAL

TENANT

PROJECT

**THE PROMENADE**

D'BERVILLE, MS.

CLIENT

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ISSUE DATE 05/30/2019  
DRAWN BY/CHECKED BY MTC / TAN  
DRAWING TITLE

**FLOOR PLAN AND SCHEDULES - PLUMBING**

SHEET NUMBER

**P-1.1**  
THE PALISADES  
5901 PEACHTREE DUNWOODY RD  
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ATLANTA, GEORGIA 30328

ISSUED FOR CONSTRUCTION

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