

LATEST FLOW TEST DATA AVAILABLE: TEST DATE - 04/05/2018
 STATIC: 44 PSI
 RESIDUAL: 35 PSI
 FLOW: 1453 GPM
 CONTACTS: ANDREWS FIRE DEPARTMENT 843-264-8666

Owner:
 Georgetown County
 716 Prince Street
 Georgetown, SC 29442

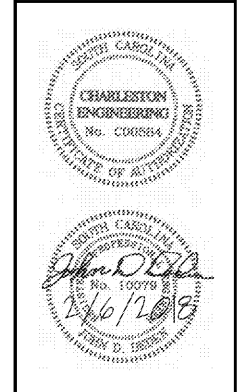
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 ARCHITECTURAL FIRM
 LANDSCAPE ARCHITECTURE
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 ENGINEERING AND TECHNICAL SERVICES, INC.
 CONSULTING ENGINEER
 58 Chalmers Lane
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 Phone: (843) 237-5052 Fax: (843) 237-2289

MEP Consultant:
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 123 B Wagon Creek Dr.
 Charleston, SC 29412
 843-762-4342
 Mechanical, Plumbing & Electrical

Structural Consultant:
WEATHERLY STRUCTURAL ENGINEERS
 1000 Park Ave. S.E. Suite 1000
 Atlanta, GA 30316
 404.525.1100

Irrigation Consultant:



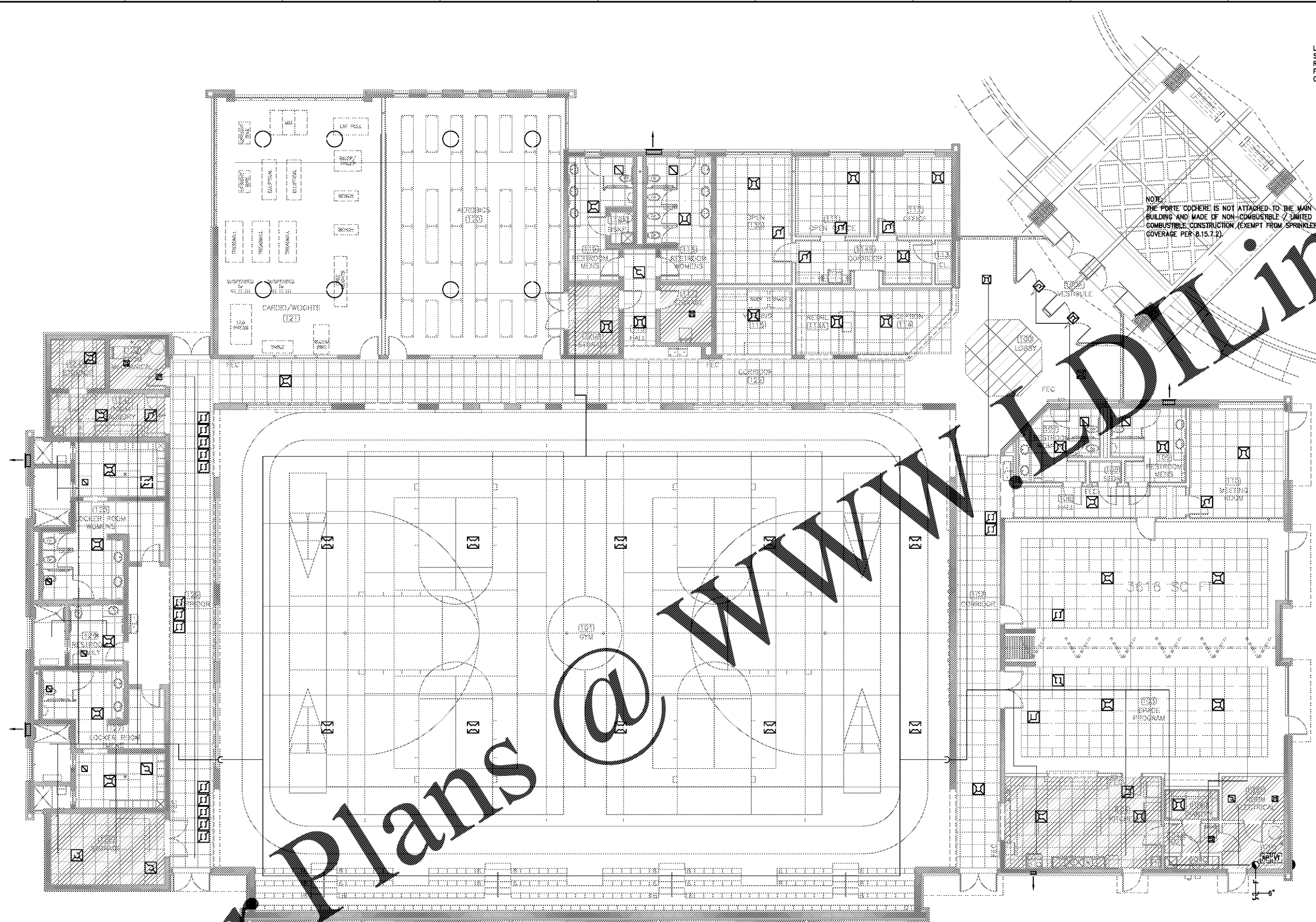
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Job Number: 1788
 Date: 2/6/18
 Drawn by: SMITH
 Checked by: DEGEN

Notes:
 bidding Documents
 Not for Construction

Revisions:

1ST FLOOR FIRE PROTECTION PLAN
 FP111



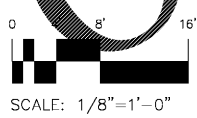
NOTE:
 THE PORTE COCHERE IS NOT ATTACHED TO THE MAIN BUILDING AND MADE OF NON-COMBUSTIBLE / LIMITED COMBUSTIBLE CONSTRUCTION (EXEMPT FROM SPRINKLER COVERAGE PER 8.15.7.2).

FIRE PROTECTION NOTES

- SEPARATE SUBMITTAL BY SPRINKLER CONTRACTOR.
- FP1. PROVIDE NEW WET PIPE COVERAGE FOR THE ENTIRE BUILDING COMPLETE. ROUTE ALL SPRINKLER PIPING SERVING THE MAIN BUILDING COMPLEX ABOVE THE CEILING. THE SPRINKLER CONTRACTOR SHALL COORDINATE COMPLETE DESIGN WITH GENERAL, HVAC, PLUMBING, AND ELECTRICAL CONTRACTORS PRIOR TO FABRICATION AND DURING INSTALLATION. DESIGN COVERAGE FOR NEW BUILDING COMPLETE BY HYDRAULIC CALCULATIONS AS REQUIRED BY NFPA 13 FOR LIGHT HAZARD OCCUPANCY (OFFICES) AND ORDINARY HAZARD GROUP 1 (MECHANICAL ROOMS, KITCHEN, STORAGE). SEE ARCHITECTURAL DRAWINGS AND STRUCTURAL SHOP DRAWINGS FOR ALL DIMENSIONING. SUBMIT ALL CALCULATIONS AND SHOP DRAWINGS FOR REVIEW. THE ROUTE OF MAIN AND BRANCH PIPE SHOWN IS PROPOSED ONLY; DESIGN SYSTEM AND ROUTE ACCORDINGLY.
- FP2. SPACING OF BRANCHES AND HEAD LOCATIONS SHALL BE DESIGNED AND INSTALLED IN STRICT COMPLIANCE WITH NFPA 13 (2010) AND INSTALLED ACCORDINGLY. PENDENT LOCATIONS SHALL LINE UP WITH ELECTRICAL FIXTURES AS BEST POSSIBLE TO PROVIDE SYMMETRY AND VISUAL BALANCE TO THE CEILING. WHERE LOCATED IN CEILING TILE AREAS, HEADS SHALL BE CENTERED TO TILES WITH FLEXIBLE DROPS TO QUICK RESPONSE PENDANTS. EXCEPT FOR GYM/COURT AREA, ALL PIPING SHALL BE CONCEALED UNLESS APPROVED BY ARCHITECT. ROUTE ALL SPRINKLER PIPING WITHIN STRUCTURAL JOISTS (DUE TO LIMITED SPACE AVAILABLE FOR HVAC BELOW JOISTS).
- FP3. FIRE PROTECTION CONTRACTOR SHALL PREPARE FULL WORKING DRAWINGS AND HYDRAULIC CALCULATIONS FOR FIRE PROTECTION SYSTEM AND SUBMIT SAME TO ALL GOVERNING AUTHORITIES ACCORDINGLY. CONTRACTOR SHALL OBTAIN STAMPED APPROVAL OF SYSTEM FROM SAME BEFORE ORDERING MATERIALS AND/OR BEGINNING INSTALLATION.
- FP4. ALL SPRINKLER SYSTEMS SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS AS PER NFPA 13 2010.
- FP5. ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE, CHROME PLATED, PENDANT TYPE EXCEPT MEETING ROOM 113 TO BE QUICK RESPONSE CONCEALED TYPE. ALL HEADS IN THE GYM/COURT SHALL BE EQUIPPED WITH SPRINKLER GUARDS.
- FP6. THE FIRE PROTECTION CONTRACTOR SHALL AVOID ALL ARCHITECTURAL, HVAC, ELECTRICAL, PLUMBING, STRUCTURAL ELEMENT, ETC. AS REQUIRED FOR PROPER INSTALLATION OF SPRINKLER SYSTEM.

LEGEND

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| — | FIRE SPRINKLER MAIN | AFG | ABOVE FINISH GRADE |
| -F- | UNDER GROUND SPRINKLER MAIN | FDC | FIRE DEPARTMENT CONNECTION |
| ⬇ | ELECTRONIC BELL | BF | VERTICAL DOUBLE CHECK BACKFLOW ASSEMBLY |
| ⊙ | 6" WET PIPE ALARM VALVE | /// | ORD HAZ GRP 1 OCCUPANCY |
| ⊕ | VALVE TAMPER SWITCH | ⊠ | HVAC GRILLE |
| ⊕ | ALARM PRESSURE SWITCH | ○ | |



SCALE: 1/8"=1'-0"