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HAZARD CLASSIFICATIONS	
	LIGHT HAZARD
	ORDINARY HAZARD

FIRE SPRINKLER HEAD SCHEDULE									
AREA	KIND	TEMP. (K)	NPT	DRIF	HPGL	MODEL#	ESCU/CDAT(*)	SCENL	CONN.
OPEN AREAS/GARAGE	UPRIGHT	155	5.60	1/2"	1/2"	CENTRAL	BV-OR	NO/NO	Thread
NON-PUBLIC OFFICE AREAS/SEMIRECESSED	PEND	155	5.60	1/2"	1/2"	CENTRAL	BV-OR	CHR/NO	Thread
DATA CENTER/MECHANICAL	CONCEALED PEND	155	5.60	1/2"	1/2"	CENTRAL	BV4-FR	CHR/NO	Thread
QUICK LUBE AREA	UPRIGHT	155	5.60	1/2"	1/2"	CENTRAL	BV-OR	NO/NO	Thread

NOTE: KIND AND FINISH OF HEADS TO BE COORDINATED WITH ARCHITECT. EXTENDED COVERAGE HEADS CAN BE USED, WITH PROPER DESIGN/AVG. CALCS.

- #### FIRE SPRINKLER NOTES/SCOPE OF WORK
- THE CONTRACTOR SHALL PROVIDE A COMPLETE FIRE SPRINKLER INSTALLATION FOR THE PROJECT AS INDICATED IN THE DESIGN DOCUMENTS. THE SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 13, THE OWNER'S INSURANCE COMPANY IF ANY, THE STATE AND/OR LOCAL FIRE MARSHAL, THE LOCAL BUILDING DEPARTMENT, AND OTHER APPLICABLE RULES AND REGULATIONS.
  - THE DESIGN DOCUMENTS ARE NOT AND SHALL NOT BE CONSIDERED SHOP DRAWINGS NOR INSTALLATION DRAWINGS.
  - THE CONTRACTOR SHALL SUBMIT THREE (3) SETS OF SHOP DRAWINGS AND, IF APPLICABLE, HYDRAULIC CALCULATIONS FOR REVIEW BY THE ARCHITECT/OWNER PRIOR TO COMMENCING ANY FIELD WORK. AS WELL, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND, IF APPLICABLE, HYDRAULIC CALCULATIONS TO THE LOCAL BUILDING DEPARTMENT OR AUTHORITY HAVING JURISDICTION AND OBTAIN ALL NECESSARY APPROVALS AND PERMITS FOR THE PROJECT.
  - THE CONTRACTOR SHALL COORDINATE ALL FIRE SPRINKLER WORK WITH ALL OTHER CONSTRUCTION DISCIPLINES INCLUDING BUT NOT LIMITED TO HVAC, PLUMBING, ELECTRICAL, AND STRUCTURAL.
  - THE SHOP DRAWINGS, INCLUDING HYDRAULIC CALCULATIONS, SHALL SHOW THE SIZES, TYPES, AND DIMENSIONAL LOCATIONS FOR ALL FIRE SPRINKLERS, MAINS, BRANCHES, AND EXISTING PIPING FOR THE WATER SUPPLY TO THE CONNECTION OF THE NEW SYSTEM.
  - FIRE SPRINKLERS SHOWN REPRESENT THE MINIMUM REQUIREMENTS PER NFPA 13. CLASSIFICATION AS DESCRIBED ON PLANS.
  - THE CONTRACTOR SHALL REMOVE EXISTING FIRE SPRINKLERS AND/OR FIRE SPRINKLER PIPING NOT REQUIRED FOR THE PERMANENT INSTALLATION AT THE END OF THE INSTALLATION PHASE.
  - COORDINATE ANY SPECIAL TESTING REQUIRED BY THE LANDLORD.
  - PIPING INSTALLATION
    - MAKE CHANGES IN SIZE OF PIPE WITH REDUCING FITTINGS; BUSHINGS ARE NOT PERMITTED.
    - CAP OPENINGS IN PIPING DURING CONSTRUCTION.
    - ESCU/TECHS: FIT EXPOSED PIPES PASSING THROUGH FLOORS, WALL OR CEILING WITH ESCU/TECHS. MANUFACTURE SPECIAL SIZES OF ESCU/TECHS FROM STEEL AND PRIME COAT SAME. CUT IN ROUND, RECTANGULAR OR SQUARE SPACE TO PROVIDE A CLEAN APPEARANCE ACCEPTABLE TO THE GAP.
  - PENETRATIONS THROUGH FIRE RATED WALLS SHOULD BE FILLED WITH A UL LISTED FIRE SEALANT IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND TO PROVIDE AT LEAST THE MINIMUM FIRE RATING OF THE WALL.
  - CEILING PIPING SHALL NOT BE INSTALLED OVER ANY PORTION OF THE OPENING(S) IN RETURN AIR FLENUMS.
  - ABOVE GROUND PIPE MATERIALS:
    - SCHEDULE 40, ALLIED XL, AMERICAN BLT OR COPPER (TYPE K, L, OR M) FOR PIPE SIZES 1" THROUGH 2".
    - SCHEDULE 10 FOR PIPE SIZES 2 1/2" AND LARGER.
    - SCHEDULE 80 FOR 3" OR 3 1/2" NIPPLES SHALL NOT EXCEED 4" IN LENGTH.
  - THE CONTRACTOR SHALL REMOVE ANY DEBRIS AND/OR REMAINING MATERIALS NOT USED IN THE INSTALLATION PRIOR TO PROJECT COMPLETION.
  - CONTRACTOR SHALL VISIT THE BUILDING AND FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID OR COMMENCING ANY WORK.
  - ALL INFORMATION CONTAINED IN THESE DRAWINGS IS ACCORDING TO THE ORIGINAL CONSTRUCTION DOCUMENTS PROVIDED BY THE OWNER AND LIMITED FIELD OBSERVATIONS. THE ENGINEER MAKES NO REPRESENTATION FOR THE ACCURACY OF SUCH INFORMATION AND ALL MATERIALS, EQUIPMENT, DIMENSIONS, CONDITIONS, ETC SHALL BE FIELD VERIFIED.
  - ALL WORK SHALL BE DONE IN STRICT COORDINATION AND AS APPROVED BY THE OWNER. ALL INTERRUPTIONS IN THE FUNCTIONING OF THE FIRE SPRINKLER SYSTEM SHALL BE DONE DURING OFF-PEAK (UNOCCUPIED TIMES) OR STRICTLY AS APPROVED BY THE OWNER. NOTIFICATION OF A SHUT/DOWN TO THE FIRE SPRINKLER SYSTEM, INCLUDING THE DURATION TIME, SHALL BE MADE TO THE OWNER A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF SUCH WORK.
  - THE CONTRACTOR SHALL BEAR ALL COSTS OF:
    - PREPARING SHOP DRAWINGS AND DOCUMENTS
    - SECURING PERMITS AND APPROVALS
    - LABOR
    - MATERIALS
    - CLEAN UP/WASTE REMOVAL

- #### GENERAL NOTES
- DESIGN & INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH NFPA 13, 14, 24, 33 AND LOCAL AUTHORITIES.
  - ALL FIRE SPRINKLER DEVICES TO BE UL LISTED AND/OR FM APPROVED.
  - FIRE SPRINKLER SPACING TO BE:
    - OFFICES: LIGHT HAZARD
    - SHOWROOM: ORDINARY HAZARD
    - SHOP: ORDINARY HAZARD
    - PARTS: ORDINARY HAZARD
    - SERVICE DRIVE: ORDINARY HAZARD
  - PIPING TO BE (ASTM A-120)
    - SCH. 40, ALLIED XL, OR AMERICAN BLT FOR 1" THRU 2"
    - SCH. 10 FOR 2-1/2" AND LARGER
  - FITTINGS
    - BLACK CIS CLASS 125 FOR 1" THRU 2"
    - GROOVED TYPE FOR 2-1/2" AND LARGER.
  - HANGERS TO BE IN ACCORDANCE WITH 8. NFPA 13 AND LOCAL AUTHORITIES.
  - FINISHED SPRINKLERS ARE TO BE INSTALLED WITH INTENTION IN CEILING TILE U.N.G.

#### HANGER SCHEDULE

NOMINAL PIPE SIZE	NFPA 13 TABLE 4-8.2.2.1 MAXIMUM DISTANCE BETWEEN HANGERS (T - M)										
	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
STEEL PIPE EXCEPT THREADED LIGHT-WALL	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHT-WALL STEEL PIPE	N/A	12-0	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A

NOTE: THERE SHALL BE NOT LESS THAN ONE HANGER FOR EACH SECTION OF PIPE. MIN. DIST. FROM ANY UPRIGHT HEAD TO HANGER = 3".



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 Managed by LakePoint Land, LLC

755 Highway 293  
 Emerson, GA 30137



**RENOVATIONS TO LAKEPOINT SPORTS PAVILION MEZZANINE**  
 755 Highway 293  
 Emerson, GA 30137

PROJECT NUMBER  
 19016.00



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100% CONSTRUCTION DOCUMENTS 11.15.19

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SHEET TITLE	
PROPOSED MEZZANINE LEVEL FIRE SPRINKLER PLANS	
<b>FS-201</b>	