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Project
THE CENTER FOR
ADVANCED SURGICAL
SERVICES (CASS)
88 JESSE HILL DRIVE
ATLANTA, GA 30303

Prepared For
GRADY HEALTH SYSTEM
80 JESSE HILL DR. SE
ATLANTA, GA 30303

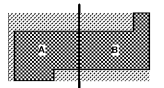


Hellmuth, Obata & Kassabaum, Inc.
191 Peachtree Street, NE, Suite 2250
Atlanta, GA 30303 USA
+1 404 439 9000 F+1 404 439 9001

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Key Plan



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NOT FOR
CONSTRUCTION

Table with 3 columns: No., Description, Date. Row 1: 1, DD - GUP, 2019-07-03.

Project No: 18.16013.00
Sheet Title

GENERAL
INFORMATION - FIRE
PROTECTION

Original is 30 x 43. Do not scale contents of this drawing
Sheet Number

FP001

FIRE PROTECTION LEGEND

Table with 2 columns: SYMBOL, DESCRIPTION. Symbols include valve, pipe, and hydrant symbols.

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT

FLORIDA ADMINISTRATIVE CODE
CHAPTER 61G15-32 NOTES

- a. THE POINT OF SERVICE AND THE WATER SUPPLY CHARACTERISTICS FOR THE FIRE PROTECTION SYSTEM IS SHOWN ON THE FIRE PROTECTION SITE PLAN.
b. THE FIRE PROTECTION DESIGN, CALCULATIONS, INSTALLATION AND THE ACCEPTANCE TESTING OF THE FIRE PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 13, 2013 EDITION...
c. AREA OCCUPANCIES AND HAZARD CLASSIFICATIONS ARE LISTED IN THE DESIGN CRITERIA NOTE LOCATED ON THE CONTRACT DOCUMENTS.

FIRE PROTECTION DESIGN CRITERIA

THESE DRAWINGS ARE COMPLETE SPRINKLER DESIGN DRAWINGS FOR REVIEW BY ACHA FOR STAGE II CONSTRUCTION DOCUMENTS. THE LAYOUT OF THE PIPING SYSTEM COMPLETED BY TLC, AND ARE IN COMPLIANCE WITH FLORIDA STATUTE 61G15-32.003 AND .004.

ENTIRE BUILDING (EXCEPT AS NOTED): OCCUPANCY CLASSIFICATION: LIGHT HAZARD; SYSTEM TYPE: WET PIPE; DESIGN DENSITY: 10 GPM/SQ. FT.; HYDRAULIC REMOTE AREA: 1,500 SQ. FT.; SPRINKLER ORIFICE SIZE: 1/2"; DURATION OF SUPPLY: 30 MIN.; MAXIMUM COVERAGE/SPRINKLER HEAD: 225 SQ. FT.; HOSE STREAM ALLOWANCE: 100 GPM.

UNLESS OTHERWISE NOTED ALL STORAGE, MECHANICAL AND ELECTRICAL ROOMS: OCCUPANCY CLASSIFICATION: ORDINARY HAZARD GROUP I; SYSTEM TYPE: WET PIPE; DESIGN DENSITY: 15 GPM/SQ. FT.; HYDRAULIC REMOTE AREA: 1,500 SQ. FT.; SPRINKLER ORIFICE SIZE: 1/2"; DURATION OF SUPPLY: 60-90 MIN.; MAXIMUM COVERAGE/SPRINKLER HEAD: 130 SQ. FT.; HOSE STREAM ALLOWANCE: 250 GPM.

- DESIGN CRITERIA: DESIGN OF THE FIRE SUPPRESSION SYSTEM ON THIS PROJECT, THE FOLLOWING PUBLICATIONS SHALL BE USED AS A REFERENCE.
1. NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, 2013 EDITION
2. NFPA 14, INSTALLATION OF STANDPIPES AND HOSE SYSTEMS, 2013 EDITION
3. NFPA 20, INSTALLATION OF CENTRIFUGAL FIRE PUMPS, 2013 EDITION
4. NFPA 24, PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES, 2013 EDITION
5. FLORIDA FIRE PREVENTION CODE, 6TH EDITION (2017)

FIRE SPRINKLER: THE CONTRACTOR SHALL PREPARE SYSTEM LAYOUT DRAWINGS PER CHAPTER 22, OF NFPA 13 - 2013 EDITION. THE CONTRACTOR SHALL PERFORM HYDRAULIC CALCULATIONS. CONTRACTOR'S SPRINKLER SYSTEM LAYOUT (SHOP DRAWINGS), HYDRAULIC CALCULATIONS AND MATERIAL DATA SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND AUTHORITY HAVING JURISDICTION FOR APPROVAL PRIOR TO SYSTEM INSTALLATION.

STANDPIPE DESIGN CRITERIA: HYDRAULIC DESIGN CRITERIA: AUTOMATIC WET (CLASS 3)

STANDPIPE HYDRAULIC DESIGN CRITERIA: HYDRAULIC CALCULATIONS AND PIPE SIZES FOR EACH STANDPIPE SHALL BE BASED ON PROVIDING 250 GPM AT THE HYDRAULICALLY MOST REMOTE TWO HOSE CONNECTIONS ON THE MOST REMOTE STANDPIPE AND 250 GPM FROM THE MOST REMOTE HOSE CONNECTION ON EACH ADDITIONAL STANDPIPE AT A MINIMUM RESIDUAL PRESSURE OF 100 PSIA AT THE HOSE VALVE OUTLET.

WATER SUPPLY DATA: THE CONTRACTOR SHALL PERFORM HYDRANT-FLOW TEST TO VERIFY WATER PRESSURE REQUIRED FOR HYDRAULIC CALCULATIONS.

GENERAL NOTES

- 1. FIRE PROTECTION DESIGN SHALL COMPLY WITH NFPA 13, 14, 20, 24, THE FLORIDA FIRE PREVENTION CODE AND ALL APPLICABLE LOCAL CODES.
2. FINAL INSPECTION AND APPROVAL BY LOCAL FIRE MARSHAL AND ARCHITECT/ENGINEER.
3. THE FIRE PROTECTION SYSTEMS SHOWN REPRESENT THE DESIGN INTENT OF THE ENGINEER. IN ACCORDANCE WITH STATE REGULATION 61G15-32, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE INSTALLATION WITH ALL OTHER TRADES.
4. SPRINKLER SHOP DRAWINGS AND MATERIAL CUT SHEETS SHALL BE SUBMITTED TO THE ARCHITECT AND LOCAL FIRE MARSHAL FOR APPROVAL PRIOR TO ANY INSTALLATION.

FIRE PROTECTION FLOW TEST DATA

Table with 4 columns: STATIC PRESSURE, FLOW, DATE, TIME. Values: XX PSI, XXX GPM, DATE: XXX, TIME: XXX.

FIRE PROTECTION DRAWING INDEX

FIRE SPRINKLER LEGEND