

GENERAL NOTES:

1. REFER TO DWG. FA-001.00 FOR FIRE ALARM NOTES, BUILDING DATA, SYMBOL LIST & ABBREVIATIONS, PLOT PLAN, LEGEND, I/O MATRIX & RISER DIAGRAM
2. FINAL CONDUIT/CABLE ROUTING SHALL BE DETERMINED IN-FIELD, AND PRIOR TO THE COMMENCEMENT OF WORK, COORDINATED WITH OTHER TRADE CONTRACTORS AND THE OWNER.
3. FIRE ALARM CONTRACTOR SHALL COORDINATE ALL THE FIRE ALARM DEVICE LOCATION WITH THE REFLECTED CEILING PLAN AND CONFIRM IN THE FIELD WITH ARCHITECT/OWNER.
4. ALL DEVICES SHALL BE COMPATIBLE WITH AND MAINTAIN THE UL LISTING OF EXISTING FIRE ALARM SYSTEM.
5. FIRE ALARM CONTRACTOR SHALL FIELD VERIFY EXACT REQUIREMENTS FOR FIRE ALARM SYSTEM PRIOR TO BID. REUSE EXISTING FA DEVICES BY RELOCATING TO NEW LOCATION, SUPPLY AND INSTALL ALL NEW NECESSARY EQUIPMENT AS REQUIRED.
6. CONFIRM REQUIRED DEVICES AND SEQUENCE OF OPERATION WITH FIRE G.C./OWNER.

KEYED NOTES:

- 1 EXISTING FIRE ALARM PANEL TO REMAIN. FIRE ALARM CONTRACTOR SHALL COORDINATE WITH BASE BUILDING FOR THE EXACT LOCATION OF THE EXISTING EQUIPMENT. BASE BID ACCORDINGLY.
- 2 FIRE ALARM CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EXISTING TAMPER AND WATER FLOW SWITCHES IN FIELD ASSOCIATED TO PROJECT SPACE. COORDINATE THE EXACT QUANTITY OF TAMPER AND WATER FLOW SWITCHES WITH SPRINKLER CONTRACTOR IN FIELD. BASE BID ACCORDINGLY.
- 3 FIRE ALARM CONTRACTOR SHALL FIELD VERIFY AND REUSE EXISTING FA DEVICES BY RELOCATING TO NEW LOCATION AS SHOWN IF POSSIBLE, OTHERWISE PROVIDE NEW. BASE BID ACCORDINGLY.
- 4 THE FIRE ALARM CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF HVAC EQUIPMENT ASSOCIATED TO PROJECT SPACE WITH THE MECHANICAL CONTRACTOR IN THE FIELD, PROVIDE A DUCT DETECTOR IF REQUIRED, AND PROVIDE CONNECTION TO NEW DEVICES FROM THE EXISTING FIRE ALARM PANEL AS NEEDED.

ABBREVIATIONS:

(R) - RELOCATED EXISTING DEVICE
(E) - EXISTING TO REMAIN

A detailed site plan of a building complex. The main building, labeled 'GOODVETS' in large capital letters, is a two-story structure with a dark grey hatched facade on the left side. To its right is a taller, light-colored rectangular building with a hatched pattern. A long, low-profile building runs along the bottom right. A diagonal line labeled 'ATLANTIC AVENUE' extends from the bottom left towards the center. A dashed line labeled 'CLINTON AVENUE' runs vertically along the right side of the main building. The plan shows various internal rooms, windows, and a parking area with several cars. A small 'DRAFT' label is in the bottom right corner of the drawing.

CONSULTANTS

NY ENGINEERS

NEARBY ENGINEERS

382 NE 191ST STREET SUITE 49674,

MIAMI, FL 33179
PH-914 257 3455

111-714.237.3433
WWW.NY-ENGINEERS.COM

ARCHITECT/ENGINEER SFAI:

CONTRACTOR'S NOTES:

WRITTEN DIMENSIONS HOLD PREFERENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS. THE CONTRACTORS MUST VISIT JOB SITE TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE SUBMITTING BIDS. REPORT ANY DISCREPANCIES OF ANY CONDITIONS WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF, THE CONTRACT TO THE TENANT'S REPRESENTATIVE. REPORT DISCREPANCIES DURING BIDDING PROCESS AND BEFORE START OF CONSTRUCTION. CHANGE ORDERS NEED TO BE APPROVED BY **GOOD VETS** CONSTRUCTION MANAGER FOR ISSUES ARISING FROM THE FIELD CONDITIONS OR CONFLICTS BETWEEN THE PLANS AND THE EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.

| | DATE | ISSUE |
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| | 11.01.24 | CLIENT/LL REVIEW SET |

| DATE | REVISION |
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LOCATION:

PROJECT INFORMATION:

TITLE:

**1ST FLOOR FIRE ALARM
PLAN**

SHEET NUMBER: _____

FA-100.00

RESERVED FOR DOB:

GENERAL NOTES:

- ALL SPRINKLER WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF N.F.P.A.-13 AND ALL LOCAL AUTHORITIES.
- CONTRACTOR SHALL FIELD VERIFY EXACT ELEVATION, LOCATION AND PIPE SIZES OF EXISTING SPRINKLER HEADS AND PIPING BEFORE INSTALLATION OF NEW WORK. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AND SHALL INSTALL NEW WORK TO CLEAR DUCTWORK AND LIGHTING FIXTURES.
- ALL SPRINKLER WORK SHALL COMPLY WITH BUILDING STANDARDS AND REQUIREMENTS.
- ALL SPRINKLER HEADS SHALL BE INSTALLED AT CENTER OF TILE IF CEILING IS PROVIDED.
- GENERAL CONTRACTOR SHALL COORDINATE FINAL FURNITURE/EQUIPMENT HEIGHT ELEVATIONS AND LOCATIONS WITH SPRINKLER INSTALLATION. ENGINEER SHALL BE NOTIFIED WHEN FURNITURE/EQUIPMENT IS LESS THAN 18" TO UNDERSIDE OF CEILING.
- THE SPRINKLER SYSTEMS ARE TO BE HYDROSTATIC TESTED FOR A (1) HOUR MINIMUM AT 200 LBS AS PER NYC APPENDIX Q. PRESSURE AND ARE TO BE WITNESSED BY AUTHORIZED BUILDING PERSONNEL. COORDINATE ALL TESTING WITH BUILDING MANAGER.
- PIPE SIZES SHOWN ARE BASED ON DESIGN PIPING LAYOUTS ONLY. ACTUAL PIPE SIZES SHALL BE DETERMINED BY CONTRACTOR'S HYDRAULIC CALCULATIONS BASED ON HIS INSTALLATION DRAWINGS. CONTRACTOR SHALL ALLOW FOR THIS AND INCLUDE THIS IN HIS CONTRACT PRICE.
- DRAWING INDICATES SPRINKLER SYSTEM DESIGN ONLY. CONTRACTOR RESPONSIBLE FOR OFFSETS, DROPS AND RISES FOR COORDINATION WITH OTHER TRADES.
- G.C. SHALL COORDINATE AND ARRANGE FOR DRAINING AND DEACTIVATION OF EXISTING SPRINKLER SYSTEM WITH BUILDING MANAGEMENT AS REQUIRED.
- G.C. SHALL BE RESPONSIBLE FOR ALL FINAL TESTS AND INSPECTIONS OF COMPLETED WORK REQUIRED BY THE BUILDING MANAGEMENT PRIOR TO OCCUPANCY OF SPACE.
- ALL SPRINKLER WORK SHALL BE TESTED AND MADE OPERATIONAL PRIOR TO CARPET AND FURNITURE INSTALLATION. G.C. SHALL REPAIR AND/OR REPLACE ALL FINISHES DAMAGED BY DEFECTIVE SPRINKLER WORK AT HIS EXPENSE.
- G.C. SHALL PROPERLY TEST AND INSPECT EXISTING SPRINKLER SYSTEM PRIOR TO COMMENCEMENT OF WORK AND NOTIFY BUILDING MANAGEMENT IMMEDIATELY IF REPAIR OF EXISTING SPRINKLER SYSTEM IS REQUIRED.
- ALL BURNING, CUTTING, SOLDERING AND WELDING SHALL BE COORDINATED WITH BUILDING FIRE SYSTEMS WITH BUILDING MANAGEMENT, AS REQUIRED.
- G.C. SHALL COORDINATE ARRANGEMENTS FOR TEMPORARY DISCONNECT AND RECONNECT WITH MANAGEMENT PRIOR TO COMMENCEMENT OF WORK.
- G.C. SHALL BE RESPONSIBLE FOR OBTAINING PERMITS AND APPROVALS REQUIRED BY BUILDING INSPECTOR AND FIRE MARSHALL IN CONJUNCTION WITH CHANGES TO EXISTING SPRINKLER SYSTEM.
- REFER TO ENGINEERING DRAWINGS FOR SPRINKLER HEADS, LIGHT SENSORS AND FIRE DETECTION DEVICES.
- ALL SERVICE SHUTDOWNS SHALL BE BY BASE BUILDING ENGINEERS. MINIMUM OF 48 HOURS NOTICE IS REQUIRED TO THE BUILDING OFFICE PRIOR TO SHUT DOWN.
- ALL WORK TO BE DONE DURING THE HOURS DESIGNATED BY OWNER.
- UPON COMPLETION OF ALL SPRINKLER WORK, CONTRACTOR SHALL TEST AND INSPECT ENTIRE SPRINKLER SYSTEM. ENTIRE SYSTEM SHALL BE FULLY OPERATIONAL AND APPROVED IN COMPLIANCE WITH ALL AHJ.
- UPON SUCCESSFUL COMPLETION OF ALL TESTING, CONTRACTOR SHALL PRIME AND PAINT ALL EXPOSED SPRINKLER PIPING. COLOR AND FINISH SHALL BE AS PER ARCHITECT.
- CONTRACTOR SHALL INCLUDE IN HIS BID THE COST TO PROVIDE (5) FIVE ADDITIONAL SPRINKLERS INSTALLED. EXACT LOCATIONS OF THESE SPRINKLER HEADS SHALL BE DETERMINED IN FIELD.
- CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AND SHALL INSTALL NEW WORK TO CLEAR DUCTWORK AND LIGHTING FIXTURES.
- ALL SPRINKLER WORK SHALL COMPLY WITH BUILDING STANDARDS AND REQUIREMENTS.
- DRAWING INDICATES SPRINKLER SYSTEM DESIGN ONLY. CONTRACTOR RESPONSIBLE FOR OFFSETS, DROPS AND RISES FOR COORDINATION WITH OTHER TRADES.
- PIPE SIZES SHOWN ARE BASED ON SCHEDULE OF PIPE SIZE PIPING LAYOUTS ONLY. ACTUAL PIPE SIZES SHALL BE DETERMINED BY CONTRACTOR'S HYDRAULIC CALCULATIONS BASED ON HIS INSTALLATION DRAWINGS. CONTRACTOR SHALL ALLOW FOR THIS AND INCLUDE THIS IN HIS CONTRACT PRICE.
- PROVIDE AUXILIARY DRAINS AT TRAPPED SECTIONS OF PIPING AS REQUIRED BY NFPA-13.
- GENERAL CONTRACTOR SHALL COORDINATE FINAL FURNITURE/EQUIPMENT HEIGHT ELEVATIONS AND LOCATIONS WITH SPRINKLER INSTALLATION. ENGINEER SHALL BE NOTIFIED WHEN FURNITURE/EQUIPMENT IS LESS THAN 18" TO UNDERSIDE OF CEILING PRIOR TO INSTALLATION.
- COMPOSITE DRAWINGS

CONTRACTOR SHALL BE GIVEN A SEPIA TRANSPARENCIES TO IMPOSE THEIR WORK FOR A COORDINATED ALLOCATION OF SPACE. PROCEDURE SHALL INCLUDE HVAC CONTRACTOR TO INDICATE DUCT WORK, PIPING, STRUCTURAL AND ARCHITECTURAL DETAILS. SEPIAS SHALL BE GIVEN TO PLUMBING, SPRINKLER AND ELECTRICAL TRADES WHO WILL DRAW HIS WORK ON DRAWINGS. HVAC CONTRACTORS SHALL HOLD A COORDINATION MEETING WITH ALL CONTRACTORS TO ELIMINATE INTERFERENCE OR CONFLICTS IN INSTALLING WORK. IF UNABLE TO EACH AGREEMENT ISSUE, ARCHITECT SHALL MAKE BINDING DECISION.

CONTRACTOR SHALL COORDINATE SPRINKLER MAIN AND BRANCHES WITH NEW CONSTRUCTION TO AVOID CONFLICTS WITH CEILING HEIGHTS, DUCTWORK, LIGHTING FIXTURES, BEAMS. CONTRACTOR TO ADJUST PIPING ACCORDINGLY TO ACCOMMODATE NEW CONSTRUCTION.

BUILDING DEPARTMENT SPRINKLER NOTES

- THE INSTALLATION, COMPONENTS, SIZING, SPACING, CLEARANCES, POSITION AND TYPE OF SYSTEMS SHALL CONFORM TO THE 2022 NEW YORK CITY BUILDING CODE APPENDIX Q, SECTION BCQ102 AND SECTION BC903.
- ONLY APPROVED MATERIALS SHALL BE USED AS PER CHAPTER 6 OF APPENDIX Q, SECTION BCQ102.
- DIRECT CONNECTION OF SPRINKLERS TO THE PUBLIC WATER SYSTEM SHALL CONFORM TO SECTION BCQ102.1.
- SPRINKLER SHALL BE PROTECTED AGAINST FREEZING AND INJURY AS PER APPENDIX Q BCQ102.
- INSPECTION AND TESTS OF SPRINKLERS SHALL BE CONDUCTED AS SEC. 901.5 AND APPENDIX Q, SEC. BCQ102, CH. 27 & NEW YORK CITY FIRE CODE.
- THE OCCUPANCY OF THE AREAS TO BE SPRINKLERED IN ACCORDANCE WITH SECTION 5.2 AND A.5.2 OF APPENDIX Q SECTION BCQ102.
- WATER SUPPLY TEST PIPES AND GAUGES SHALL BE PROVIDED AS PER SECTION 8.16.1 AND 8.16.4 OF APPENDIX Q, SECTION BCQ102.
- PIPING, FITTINGS, SPECIFICATIONS, PIPE SCHEDULES, SYSTEM TEST PIPES, PROTECTION AGAINST CORROSION, DAMAGE, VALVES, HANGERS, SPRINKLERS GUARDS AND SHIELDS SHALL BE AS PER APPENDIX Q SECTION BCQ102, CHAPTERS 6 AND 9.
- STOCK OF EXTRA SPRINKLERS WILL BE FURNISHED AS PER SECTION 6.2.9 APPENDIX Q, SECTION BCQ102 (REQUIRED FOR EACH TEMPERATURE RATING).
- SPRINKLER ALARM SHALL BE IN ACCORDANCE WITH SECTION 8.16.1 OF APPENDIX Q, SECTION BCQ102.
- SPACING, LOCATION AND POSITION OF SPRINKLER WILL BE AS PER SECTION 8 OF APPENDIX Q, SECTION BCQ102.
- ALL BLIND SPACES EXCEEDING 6" IN WIDTH OR DEPTH WHICH CONTAIN COMBUSTIBLE MATERIAL WILL BE SPRINKLERED.
- ALL PIPE PASSING THROUGH WALLS WILL COMPLY WITH SECTION BC712.
- THERE IS NO HIGH PILED STORAGE AS DEFINED IN SECTION 3-3.12 OF APPENDIX Q, SECTION BC Q102.
- DISTANCE OF SPRINKLERS FROM HEAT SOURCE SHALL BE IN AS PER TABLES 9.3.2.5 (A) AND 8.3.2.5 (B).
- AS PER SECTION BC903.1.2 PROVIDE DEPARTMENT OF WATER SUPPLY LETTER WITH FLOW TEST DATE IF THERE IS A DIRECT CONNECTION TO THE STREET WATER SUPPLY.
- THIS APPLICATION IS NOT FILED AS A RESULT OF ACTION BY THE FIRE COMMISSIONER AS AUTHORIZED BY BS & A. IT MODIFY THE CERTIFICATE OF OCCUPANCY NOR IS SUCH ACTION PENDING.
- ALL VALVES SHALL BE IDENTIFIED AS REQUIRED BY SECTION 6.7.4. OF APPENDIX Q, SECTION BCQ102.
- DRAINAGE SHALL CONFORM TO SECTION 8.15.2 OF APPENDIX Q, SECTION BCQ102.
- A ONE PIECE REDUCING FITTING OF GOOD DESIGN SHOULD BE USED WHEREVER A CHANGE IS MADE IN THE SIZE OF PIPE, AS PER SECTION 6.4.6 OF APPENDIX Q, SECTION BCQ102.
- ALL VALVES ON CONNECTIONS TO WATER SUPPLIES TO SPRINKLER SHALL BE APPROVED O.S. & Y. OR APPROVED INDICATOR TYPE.
- DRAIN VALVES AND TEST VALVES SHALL BE APPROVED TYPE AS PER 6.7.3 OF APPENDIX Q, SECTION BCQ102.
- HANGERS SHOULD BE SUPPORTED BY WROUGHT IRON U TYPE OR APPROVED ADJUSTABLE HANGERS. HANGERS SHALL BE OF THE TYPE APPROVED FOR USE WITH THE PIPE OR TUBE INVOLVED, AS PER CHAPTER 9 OF APPENDIX Q, SECTION BCQ102.
- PROVISIONS SHOULD BE MADE TO FACILITATE FLUSHING SYSTEM PIPING BY PROVIDING FLUSHING CONNECTIONS CONSISTING OF A CAPPED NIPPLE 4" LONG ON END OF A CROSS MAIN AS PER SECTION 8.14.16 OF APPENDIX Q, SECTION BCQ102.
- SPRINKLER SHALL BE AN APPROVED TYPE AS PER SECTION 8.3 OF APPENDIX Q, SECTION BCQ102.
- TEMPERATURE RATING SHALL COMPLY WITH SECTION 8.3.2 OF APPENDIX Q, SECTION BCQ102.
- 18" MINIMUM CLEARANCE TO BELOW SPRINKLER DEFLECTOR AS PER SECTION 8.5.6. OF APPENDIX Q, SECTION BCQ102.
- SPACING AND LOCATION OF SPRINKLERS SHALL COMPLY WITH CHAPTER 8 OF APPENDIX Q, SECTION BCQ102.
- SPRINKLER SYSTEM COMPLIES WITH 13-2016 AS MODIFIED BY APPENDIX Q, SECTION BCQ102.
- SOURCES OF WATER SUPPLY FOR SPRINKLER SYSTEMS AS PER CHAPTER 15 OF APPENDIX Q, SECTION BCQ102.
- PIPE SCHEDULE SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION 14.5 OF APPENDIX Q, SECTION BCQ102.
- HYDRAULICALLY DESIGNED SYSTEMS SHALL BE IN ACCORDANCE WITH CHAPTER 11 OF APPENDIX Q, SECTION BCQ102.
- MINIMUM BRANCH PIPE SIZE TO BE ONE INCH (1").
- THIS APPLICATION IS MADE ONLY FOR WORK INDICATED ON THE SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.
- PAINTING FOR DEDICATED SPRINKLER PIPING AND VALVES HANDLES SHOULD BE AS PER NYC BC SECTION 903.6.

SPACING BETWEEN SPRINKLER HEADS

LIGHT HAZARD: 15' MAX. & 6' MIN.
NOTE: MAXIMUM DISTANCE BETWEEN SPRINKLER HEADS & WALLS IS $\frac{1}{2}$ THE DISTANCE BETWEEN HEADS.

PROTECTION AREA OF SPRINKLER HEADS

LIGHT HAZARD: 225 SQ.FT.

SCOPE OF WORK:

- FOR AUTOMATIC SPRINKLER WORK. THE SPRINKLER SYSTEM IS DESIGNED AS PER NFPA 13, AS MODIFIED BY NYC BC APPENDIX Q.
- SCOPE IS FOR 1ST FLOOR GOODVETS FITOUT SPACE.

DESIGN CRITERIA SUMMARY

PROJECT DESIGNED BY PIPE SCHEDULE AS PER 2016 NFPA-13 11.2.2.3.

GENERAL NOTES:

- FOR SPRINKLER WORK ONLY.
- ALL SPRINKLER HEADS MEET DESIGN CRITERIA PER COVERAGE.
- PROVIDE FREEZE PROTECTION FOR ALL SPRINKLER PIPING AND EQUIPMENTS SUBJECT TO TEMPERATURE BELOW 40 DEGREE F.

SPECIAL INSPECTION SPRINKLER NOTE:

- SPECIAL INSPECTION OF SPRINKLER SYSTEM TO BE PERFORMED IN ACCORDANCE WITH NYC BUILDING CODE SECTION BC 1705-29
- FIRE RESISTANT PENETRATION & JOINTS IN ACCORDANCE WITH NYC BUILDING CODE BC-1705.17
- POST INSTALLATION ANCHOR INSPECTION TO BE DONE IN ACCORDANCE WITH NYC BUILDING CODE BC-1705.37

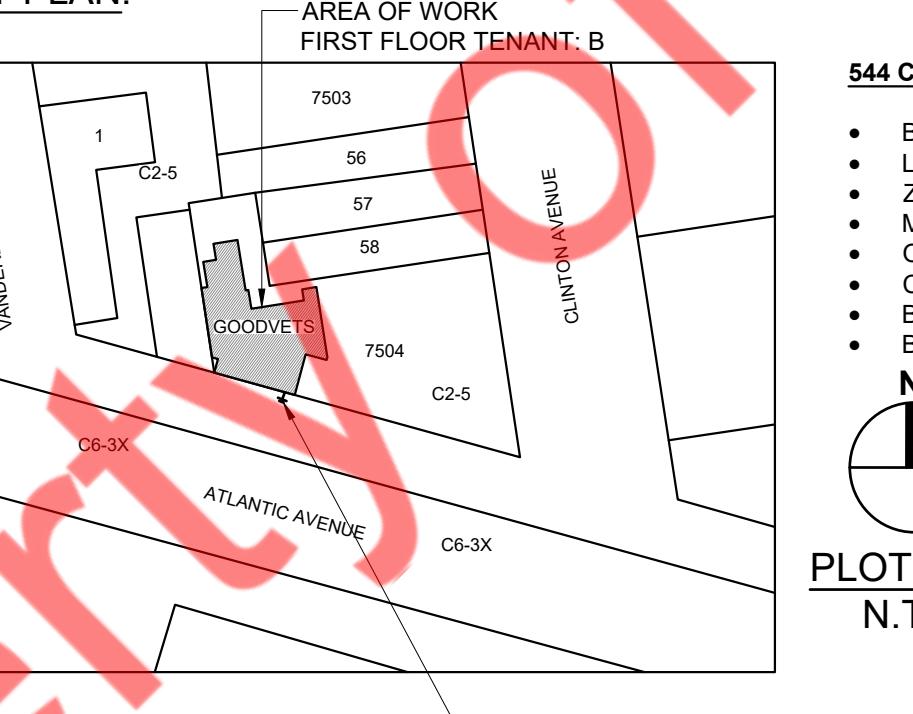
PROGRESS INSPECTION SPRINKLER NOTE

- ENERGY CODE COMPLIANCE - THIS SHOULD BE INDICATED ON THE ENERGY ANALYSIS CHART THAT THE IS AN EXEMPT WORK TYPE UNDER NYCECC 2020

ECC NOTES

2020 NYCECC COMPLIANCE: NEW YORK CITY CONSERVATION CODE.
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, ALL WORK UNDER THIS APPLICATION IS EXEMPT FROM THE NYCECC IN ACCORDANCE WITH ONE OF THE FOLLOWING: FA, FP, SD, SP, FS, EQ, CC, OT/BPP, OT/FP

KEY PLAN:



544 CLINTON AVENUE, BROOKLYN, NY 11238

- BLOCK : 2010
- LOT: 59
- ZONING: C2-5
- MAP: 16c
- OCC. CLASS: B
- CONST. CLASS: I-B
- BLDG. HEIGHT: 51
- BLDG. STY: 04



SPRINKLER DRAWING LIST

| | | |
|----|-----------|---|
| 01 | SP-001.00 | SPRINKLER SYMBOLS, ABBREVIATIONS, NOTES & PLOT PLAN |
| 02 | SP-002.00 | SPRINKLER SPECIFICATIONS & SCHEDULES |
| 03 | SP-101.00 | FIRST FLOOR SPRINKLER PLAN |
| 04 | SP-501.00 | SPRINKLER DETAILS |

SPRINKLER LEGEND

(RE) (N) DISCONNECT AND REMOVE UPRIGHT SPRINKLER HEAD WITH BRANCH PIPING AND CAP. CONNECT NEW CONCEALED SPRINKLER HEAD WITH BRANCH PIPING AND EXTEND TO NEW LOCATION AS SHOWN ON FLOOR PLAN.

(N) NEW CONCEALED SPRINKLER HEAD

— SP — NEW SPRINKLER PIPING

— EX. SP — EXISTING SPRINKLER PIPING TO REMAIN

POINT OF CONNECTION

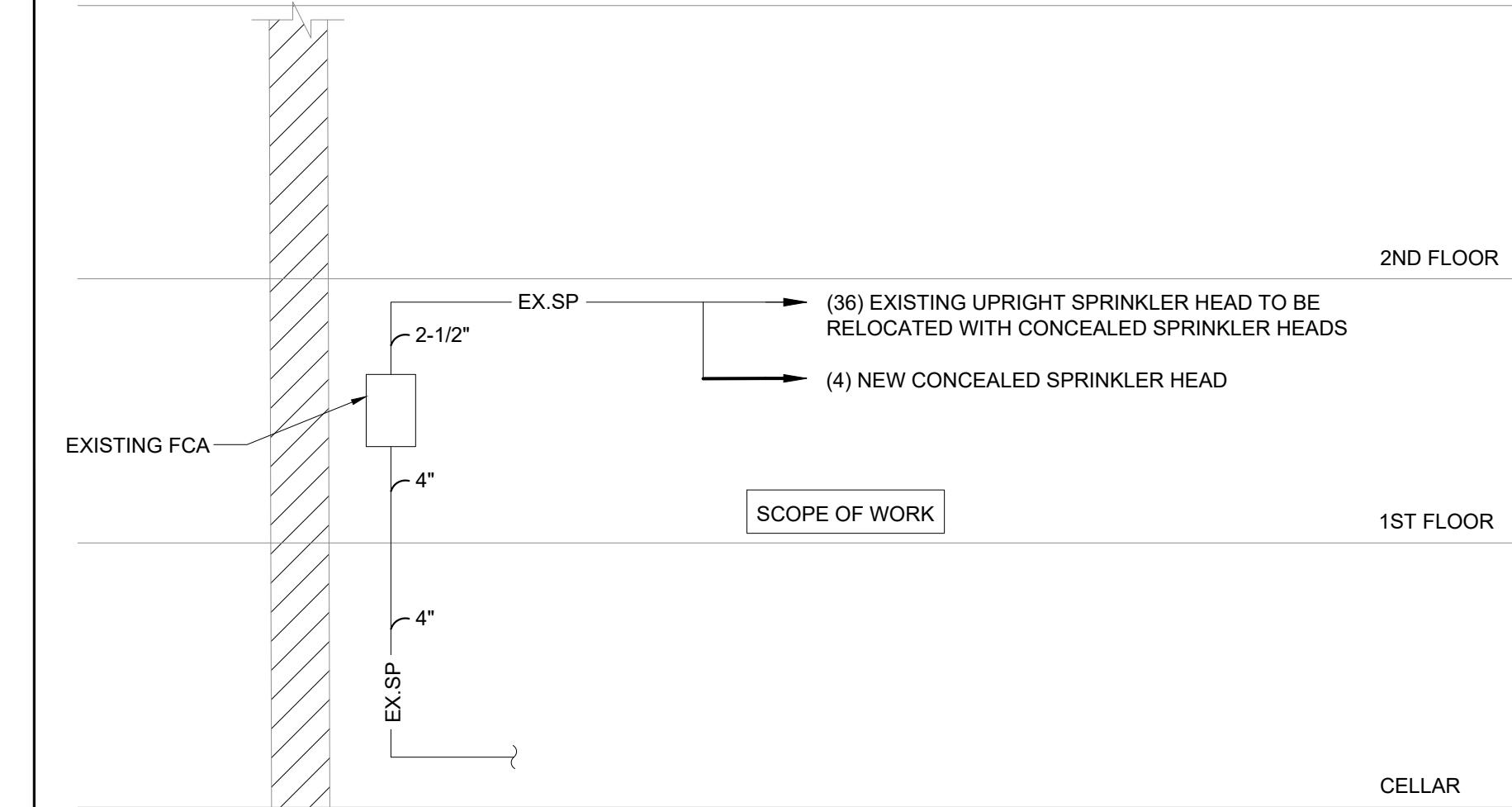
HAZARD CLASSIFICATION AND DESIGN DENSITY:

AREA: ALL
OCCUPANCY: LIGHT HAZARD
MINIMUM DESIGN DENSITY: 0.10 GPM/SQ. FT.

ABBREVIATIONS:

(RE) - EXISTING SPRINKLER HEAD TO BE RELOCATED
(N) - NEW SPRINKLER HEAD
(R) - EXISTING SPRINKLER HEAD TO BE REMOVED

SPRINKLER RISER DIAGRAM



CONSULTANTS
NY ENGINEERS
NEARBY ENGINEERS

382 NE 191ST STREET SUITE 49674
MIAMI, FL 33179
PH-914.257.3455
WWW.NY-ENGINEERS.COM

ARCHITECT/ENGINEER SEAL:

CONTRACTOR'S NOTES:
WRITTEN DIMENSIONS HOLD PREFERENCE
OVER SCALED DIMENSIONS. DO NOT SCALE
THE DRAWINGS. THE CONTRACTORS MUST
VISIT JOB SITE TO VERIFY ALL EXISTING
CONDITIONS AND DIMENSIONS BEFORE
SUBMITTING BIDS. REPORT ANY
DISCREPANCIES OF ANY CONDITIONS WHICH
MAY INTERFERE WITH THE PROPER EXECUTION
OF THE CONTRACT TO THE TENANT'S
REPRESENTATIVE DIRECTLY.
START OF CONSTRUCTION, CHANGE ORDERS
NEED TO BE APPROVED BY GOOD VETS
CONSTRUCTION MANAGER FOR ISSUES
ARISING FROM THE FIELD CONDITIONS OR
CONFLICTS BETWEEN THE PLANS AND THE
EXISTING CONDITIONS PRIOR TO THE
COMMENCEMENT OF WORK.

DATE ISSUE
11.01.24 CLIENT/LI REVIEW SET

DATE REVISION
△ DATE REVISION
GoodVets

LOCATION:

PROJECT INFORMATION:
PROJECT NUMBER: 11478-24
DRAWN BY: NYE
REVIEWED BY: NYE
AREA: 3,377 SQ. FT.

TITLE: SPRINKLER
NOTES, SYMBOL &
SPECIFICATION
SHEET NUMBER:

SP-001.00

RESERVED FOR DOB:

SPRINKLER SPECIFICATIONS

PART 1 - GENERAL

1.01 REQUIREMENTS

- A. THE SPRINKLER CONTRACTOR SHALL BE A LICENSED, AUTHORIZED INSTALLER OF SPRINKLER SYSTEMS AND SHALL HAVE HAD A MINIMUM OF FIVE YEARS EXPERIENCE IN THE INSTALLATION OF SPRINKLER SYSTEMS IN THE CITY OF NEW YORK.
- B. BEFORE SUBMITTING HIS BID, THE SPRINKLER CONTRACTOR SHALL VISIT THE SITE AND SHALL FULLY FAMILIARIZE HIMSELF WITH, AND BECOME FAMILIAR WITH THE DIFFICULTIES THAT WILL ATTEND THE EXECUTION OF THIS WORK. CONTRACTOR SHALL PERFORM THIS PRIOR TO SUBMITTING HIS PROPOSAL. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE, AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
- C. UPON REVIEW OF THE DRAWINGS AND SPECIFICATIONS, PRIOR TO SUBMITTING HIS PROPOSAL, THE SPRINKLER CONTRACTOR SHALL INFORM ARCHITECT AND/OR ENGINEER OF ANY DISCREPANCIES OR REQUEST CLARIFICATION IN WRITING, IF NECESSARY, CONCERNING THE INTENT OF THE PLANS AND SPECIFICATIONS TO PROVIDE A COMPLETE SPRINKLER SYSTEM INSTALLATION. LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS SHOULD SUCH PROCEDURE NOT BE FOLLOWED.
- D. THE SCHEDULING OF THE SPRINKLER WORK SHALL BE COORDINATED WITH BUILDING MANAGEMENT, WITH OTHER CONTRACTORS AND WITH THE ENGINEER.
- E. NECESSARY SHUT-DOWNS OF BASE BUILDING SPRINKLER SYSTEM MUST BE COORDINATED WITH BUILDING MANAGEMENT. SHUT-DOWNS OF BASE BUILDING SYSTEMS SHALL TAKE PLACE AFTER OR BEFORE NORMAL BUSINESS HOURS AND SHALL BE CONSIDERED OVERTIME WORK. THE CONTRACTOR MUST GIVE BUILDING MANAGEMENT AND NEW YORK CITY FIRE DEPARTMENT 48 HOURS NOTICE PRIOR TO SHUT-DOWN OF SPRINKLER, OR OTHER SYSTEMS.

1.02 WORK INCLUDED

- A. WORK SHALL INCLUDE ALL SPRINKLER WORK FURNISHED AND INSTALLED AS INDICATED ON THE PLANS AND AS SPECIFIED HEREIN.
- 1. ALL WORK SHALL COMPLY WITH REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE, N.F.P.A. STANDARD 13-2016, N.Y.C. FIRE DEPARTMENT AND OWNERS INSURANCE RATING ORGANIZATION.
- 2. PROVIDE COMPLETE NEW SPRINKLER SYSTEM CONNECTING TO EXISTING SPRINKLER SYSTEM FLOOR CONTROL VALVE ASSEMBLY.
- 3. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. ANY DIMENSIONS NOT SHOWN SHALL BE OBTAINED FROM FIELD MEASUREMENTS.
- 4. PROVIDE COMPUTER GENERATED HYDRAULIC CALCULATIONS IN ACCORDANCE WITH N.Y.C. BUILDING DEPARTMENT AND NFPA STANDARDS.

1.03 SHOP DRAWINGS AND SUBMITTALS

- A. THE CONTRACTOR SHALL SUBMIT, FOR APPROVAL, FULLY COORDINATED SHOP DRAWINGS, CAPACITY, DATA, AND CATALOG CUTS OF THE FOLLOWING:
 - 1. PIPE AND FITTINGS
 - 2. VALVES
 - 3. HANGERS AND SUPPORTS
 - 4. SPRINKLER PIPING LAYOUT
 - 5. TESTS
 - 6. SPRINKLER HEADS
- A. THE SPRINKLER SYSTEM SHALL BE DESIGNED AS PER PIPE SCHEDULE.
- B. THE SPRINKLER CONTRACTOR SHALL OBTAIN THE LATEST FIRE PUMP TEST AT THE SITE TO VERIFY THE AVAILABLE WATER SUPPLY.

1.04 BUILDING DEPARTMENT FILING, PERMITS AND CERTIFICATES

- A. THE SPRINKLER CONTRACTOR SHALL FILE ALL REQUIRED DRAWINGS WITH THE BUILDING DEPARTMENT AND BE RESPONSIBLE FOR OBTAINING FINAL APPROVAL.
- B. ARRANGE FOR INSPECTION AND TESTS OF ANY AND ALL PARTS OF THE WORK AS REQUIRED BY AUTHORITIES HAVING JURISDICTION AND PAY ALL CHARGES FOR SAME.

1.05 INSPECTION AND TESTING

- A. THE SPRINKLER SYSTEM SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE FIRE DEPARTMENT INSPECTOR.
- B. THE SPRINKLER SYSTEM SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST FOR A PERIOD OF ONE HOURS AT A PRESSURE OF AT LEAST 200 PSIG OR 50 PSI IN EXCESS OF THE MAXIMUM PRESSURE TO BE MAINTAINED WHEN THE MAXIMUM PRESSURE IN THE SYSTEM IS IN EXCESS OF 150 PSI AS PER NFPA.
- C. THE BUILDING DEPARTMENT SHALL BE NOTIFIED THAT THE SYSTEM IS READY FOR REINSPECTION AND TESTING. THE BUILDING DEPARTMENT INSPECTOR SHALL WITNESS THE TEST. FINAL APPROVAL OF THE SPRINKLER SYSTEM SHALL BE OBTAINED FROM BUILDING DEPARTMENT, AND FIRE DEPARTMENT.

PART 2 - MATERIALS

2.01 GENERAL

- A. THE SPRINKLER SYSTEM SHALL BE COMPLETE WITH ALL PIPE, FITTINGS, VALVES, DRAINAGE SYSTEM AND VALVES, HANGERS AND SUPPORTS, ALSO, MISCELLANEOUS WORK ITEMS, SUCH AS, SIGNS AS REQUIRED, VALVE TAGS, ETC., AND ALL OTHER RELATED EQUIPMENT, APPARATUS AND MATERIAL ITEMS NECESSARY FOR COMPLETE, APPROVED TYPE SYSTEM, READY FOR FUTURE EXTENSION.
- B. ALL PIPE, FITTINGS, HANGERS, SUPPORTS, SPRINKLER HEADS, ETC., SHALL CONFORM TO THE NEW YORK CITY BUILDING CODE AND NATIONAL FIRE PROTECTION ASSOCIATION'S REQUIREMENTS AS TO TYPES OF MATERIALS, ARRANGEMENT, SIZES AND INSTALLATION.

PIPING PENETRATING FIRE RATED PARTITIONS SHALL HAVE OPENING SEALED WITH U.L. APPROVED FIREPROOF SEALANT.

2.02 SPRINKLER PIPING

- A. ALL SPRINKLER PIPING SHALL BE SCHEDULE 40 IN ACCORDANCE WITH NFPA 13. PIPE SHALL BE UL/FM APPROVED.
- B. STEEL PIPE SHALL BE BETHLEHEM STEEL CO., ALLIED TUBE, BERGER INDUSTRIES OR APPROVED.
- C. AS PER NFPA 13 MODIFIED BY APPENDIX Q, PIPE OR TUBE USED IN SPRINKLER SYSTEMS SHALL BE OF THE MATERIALS SPECIFIED IN TABLE 5.2.1.1 OR SHALL BE IN ACCORDANCE WITH 5.2.2.
- D. AS PER NFPA 13, FITTINGS USED IN SPRINKLER SYSTEMS SHALL BE OF THE MATERIALS LISTED IN TABLE 5.2.5 OR SHALL BE IN ACCORDANCE WITH 5.2.9. FITTING SHALL BE UL/FM APPROVED. CONTRACTOR.
- E. NONMETALLIC PIPES & FITTINGS USED IN MULTIPURPOSE PIPING SYSTEMS NOT EQUIPPED WITH A FIRE DEPARTMENT CONNECTION SHALL BE DESIGNED TO WITHSTAND A WORKING PRESSURE OF NOT LESS THAN 130PSI AT 120°F.

2.03 CUTTING AND PATCHING

DO ALL CUTTING AND CORE DRILLING NECESSARY FOR THE INSTALLATION OF SPRINKLER WORK. ACCURATELY LAYOUT WORK FOR WHICH CUTTING IS REQUIRED. PATCH AND RESTORE ANY DAMAGE WORK TO LIKE NEW CONDITION.

2.04 CUTTING AND PATCHING

- 1. DO ALL CUTTING AND CORE DRILLING NECESSARY FOR THE INSTALLATION OF SPRINKLER WORK. ACCURATELY LAYOUT WORK FOR WHICH CUTTING IS REQUIRED. PATCH AND RESTORE ANY DAMAGE WORK TO LIKE NEW CONDITION.
- 2. FOR REPLACEMENT OF THE WORK REMOVED, MATCH EXISTING IN NATURE, CONSTRUCTION AND FINISH.
- 3. MAINTAIN THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIAL OR RUBBISH COVERED BY THE WORK. REMOVE ALL SURPLUS MATERIALS, TOOLS ETC. AND LEAVE PREMISES CLEAN.

2.05 FIRE STOPPING

INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURERS PUBLISHED DIRECTIONS AND PER FIRE TESTED DESIGNS THAT HAVE BEEN ACCEPTED BY THE APPROPRIATE CODE AUTHORITY HAVING JURISDICTION.

2.06 PHASING

PHASING SHALL BE COORDINATED BETWEEN THE SPRINKLER CONTRACTOR AND GENERAL CONTRACTOR. SPRINKLER INSTALLATION SHALL BE PHASED IN A MANNER WHICH WILL ALLOW FULL OCCUPANCY OF THE EXISTING FACILITY WHILE THE INSTALLATION IS IN PROGRESS.

2.06 ALTERNATES/SUBSTITUTIONS

CONTRACTOR SHALL STATE IN THEIR PROPOSAL ANY CONTRACTOR PROPOSED SUBSTITUTIONS OF THE MATERIALS OR METHODS OF INSTALLATION FROM THAT SPECIFIED. THESE ALTERATIONS SHALL BE LISTED ON THE PROPOSAL AS CONTRACTOR ALTERNATIVE.

2.07 LEAK DAMAGE

THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE DURING THE INSTALLATION AND TESTING PERIODS OF THE SPRINKLER SYSTEM FOR ANY LOSS OR DAMAGE TO THE WORK OF OTHERS, TO THE BUILDING, ITS CONTENTS ETC. CAUSED BY LEAKS IN THE EQUIPMENT, BY UNPLUGGED OR DISCONNECTED PIPES, FITTINGS ETC. OR BY OVERFLOW, AND SHALL PAY FOR THE NECESSARY REPLACEMENTS OR REPAIRS TO THE WORK OF OTHERS, DAMAGED BY SUCH LEAKAGE.

2.08 INSERTS, HANGERS, ETC.

- A. ALL SPRINKLER PIPING SHALL BE SUBSTANTIALLY SUPPORTED AND SHALL COMPLY WITH THE STANDARDS FOR THE NATIONAL FIRE PROTECTION ASSOCIATION FOR THE INSTALLATION OF SPRINKLER SYSTEMS AND AS REQUIRED BY THE NEW YORK CITY BUILDING CODE.
- B. HANGERS AND THEIR COMPONENTS SHALL BE FERROUS. HANGERS SHALL BE ADJUSTABLE FLAT IRON TYPE OF CLEVIS TYPE.
- C. SPRINKLER PIPING OR HANGERS SHALL NOT BE USED TO SUPPORT NON-SYSTEM COMPONENTS.
- D. SPRINKLER PIPING SHALL BE SUBSTANTIALLY SUPPORTED FROM THE BUILDING STRUCTURE WHICH MUST SUPPORT THE ADDED LOAD OF THE WATER-FILLED PIPE PLUS A MINIMUM OF 250 LBS. APPLIED AT THE POINT OF HANGING. CONTRACTOR SHALL SUBMIT DETAIL OF SUPPORT FOR REVIEW AND APPROVAL.
- E. SPRINKLER PIPING SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING SHEATHING.
- F. WHEN SPRINKLER PIPING IS INSTALLED BELOW DUCTWORK, PIPING SHALL BE SUBSTANTIALLY SUPPORTED FROM THE BUILDING STRUCTURE, NOT FROM THE DUCTWORK.
- G. MAXIMUM DISTANCE BETWEEN HANGERS SHALL NOT EXCEED 12 FT. FOR 1 AND 1-1/4" SIZES NOR 15 FT FOR SIZES 1-1/2" AND LARGER.
- H. EXPANSION SHIELDS FOR SUPPORTING PIPES UNDER CONCRETE CONSTRUCTION MAYBE USED IN A HORIZONTAL POSITION IN THE SIDES OF BEAMS, IN CONCRETE HAVING GRAVEL OR CRUSHED STONE AGGREGATE. EXPANSION SHIELDS MAY BE USED IN THE VERTICAL POSITION TO SUPPORT PIPES 4" OR LESS IN DIAMETER.

2.09 ESCUTCHEONS

PROVIDE ESCUTCHEONS ON ALL EXPOSED PIPING PASSING THROUGH WALLS, PARTITIONS, FLOORS AND CEILINGS. ESCUTCHEON SHALL BE HELD IN PLACE BY INTERNAL TENSION OR SET SCREW.

2.10 AS-BUILT DRAWINGS

PREPARE AND SUBMIT "AS BUILT" DRAWINGS AT THE COMPLETION OF THE PROJECT.

2.11 SPRINKLER HEADS

- A. SPRINKLERS SHALL BE RATED FOR ORDINARY TEMPERATURES (135/165 DEG. F) EXCEPT AS REQUIRED NEAR HEATERS OR LOCATIONS WHERE ELEVATED TEMPERATURES MAY NORMALLY BE EXPECTED OR AS OTHERWISE INDICATED ON THE CONTRACT DRAWINGS.
- B. SPRINKLER HEADS SHALL BE BY TYCO SPRINKLER CO., INC. MANUFACTURE OR APPROVED EQUAL, UL AND FM APPROVED, AS FOLLOWS:

- 1. SPRINKLER HEADS IN AREAS WITH CEILING SHALL BE CONCEALED.
- 2. PROVIDE SPARE SPRINKLER EMERGENCY CABINETS CONFORMING TO NFPA 13.
- 3. SPRINKLER EMERGENCY CABINETS SHALL BE OF TYCO SPRINKLER CO., INC. OR APPROVED EQUAL, UL AND FM APPROVED.
- 4. CABINET SHALL BE CONSTRUCTED OF 22 GAUGE STEEL WITH PRIME COAT AND MANUFACTURER'S BAKED ENAMEL FINISH IN COLOR SELECTED BY THE ARCHITECT.
- 5. CABINET SHALL CONTAIN A MINIMUM OF 6 SPRINKLER HEADS OF EACH TYPE EMPLOYED.

2.12 PRESSURE GAUGE

- A. ASHCROFT SERIES 1079, OR APPROVED OTHER, 4-1/2" DIAMETER, 0-200 P.S.I. RANGE, 20 P.S.I. INTERVALS.

PART 3 - EXECUTION

3.01 GUARANTEE

- A. GUARANTEE FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER, ALL MATERIALS, APPARATUS AND WORKMANSHIP WHETHER FURNISHED BY HIMSELF OR BY HIS SUBCONTRACTORS AND HE SHALL REPLACE OR REPAIR IN A MANNER APPROVED BY THE ARCHITECTS, WITHOUT COST TO THE OWNER, ANY PART OR PARTS OF THE WORK WHICH MAY PROVE DEFECTIVE OR UNSATISFACTORY WITHIN THE PERIOD OF THE GUARANTEE.

3.02 INSTALLATION

A. PIPING

- 1. INSTALL PIPING AS SHOWN ON THE CONTRACT DRAWINGS AND STRAIGHT AND DIRECT AS POSSIBLE, FORMING RIGHT ANGLES OR PARALLEL LINES WITH BUILDING WALLS, NEATLY SPACED, WITH RISERS PLUMB AND TRUE.
- 2. SPRINKLER PIPING SHALL BE INSTALLED SO THAT THE SYSTEM CAN BE DRAINED.
- 3. PIPE SHALL BE REMOVED BY REAMING.
- 4. BEFORE INSTALLING PIPE, THOROUGHLY CLEAN THE INSIDE FREE OF CUTTING AND FOREIGN MATTER. CUT ALL PIPE SQUARE AND SMOOTH AND MAKE UP ALL JOINTS TO REQUIRED LIMITS.

B. PIPE JOINTS

- 1. THREADED JOINTS SHALL BE MADE UP OF TIGHT USING PIPE JOINT TEFILON COMPOUND OR TAPE, APPLIED ON THE MALE THREADS ONLY.

SPRINKLER SCHEDULE

| SYMBOL | NAME | COVERAGE | AREA | MATERIAL | TEMPERATURE (°F) | K-FACTOR | RESPONSE | NPT | MFG | MODEL# | APPROVALS |
|--------|-----------|----------|------------------|------------------|------------------|----------|----------|------|------|--------------|-------------|
| (N) | CONCEALED | STANDARD | LH/OH OPEN AREAS | SAME AS EXISTING | BRASS | 5.6 | QUICK | 1/2" | TYCO | SERIES RF-II | FM APPROVED |

NOTE: COORDINATE ALL SPRINKLER COLOR FINISHES WITH ARCHITECT.

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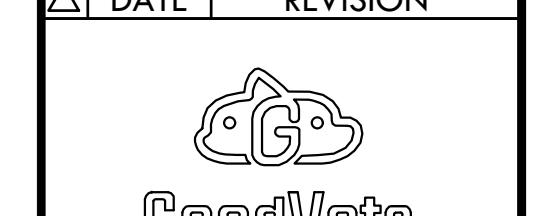
382 NE 191ST STREET SUITE 49674,
MIAMI, FL 33179
PH-914.257.3455
WWW.NY-ENGINEERS.COM

ARCHITECT/ENGINEER SEAL:

WRITTEN DIMENSIONS HOLD PREFERENCE
OVER SCALDED DIMENSIONS, DO NOT SCALE
THE DRAWINGS. THE CONTRACTORS MUST
VISIT JOB SITE TO VERIFY ALL EXISTING
CONDITIONS AND DIMENSIONS BEFORE
SUBMITTING BIDS. NO REPORT OR
DISCREPANCIES OF ANY CONDITIONS WHICH
MAY INTERFERE WITH THE PROPER EXECUTION
OF THE CONTRACT TO THE TENANT'S
REPRESENTATIVE. DRAFTS, DRAWS, DRAWS
DURING BIDDING PROCESS AND BEFORE
START OF CONSTRUCTION. CHANGE ORDERS
NEED TO BE APPROVED BY **GOOD VETS**
CONSTRUCTION MANAGER FOR ISSUES
ARISING FROM THE FIELD CONDITIONS OR
CONFLICTS BETWEEN THE PLANS AND THE
EXISTING CONDITIONS, PRIOR TO THE
COMMENCEMENT OF WORK.

| DATE | ISSUE |
|----------|----------------------|
| 11.01.24 | CLIENT/LL REVIEW SET |
| | |
| | |
| | |
| | |

| DATE | REVISION |
|------|----------|
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| | |



LOCATION:

PROJECT INFORMATION:
PROJECT NUMBER: 11478-24
DRAWN BY: NYE
REVIEWED BY: NYE
AREA: 3,377 SQ. FT.

TITLE: SPRINKLER
NOTES, SYMBOL &
SPECIFICATION

SHEET NUMBER:

SP-002.00

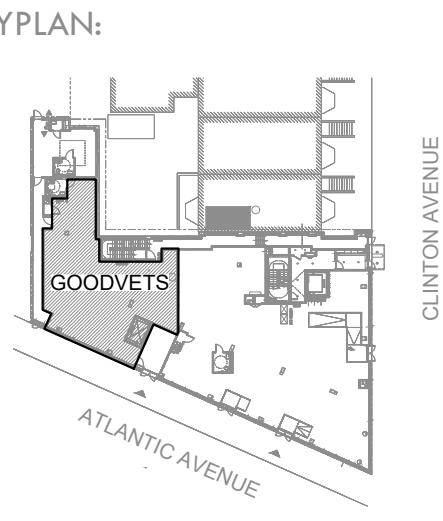
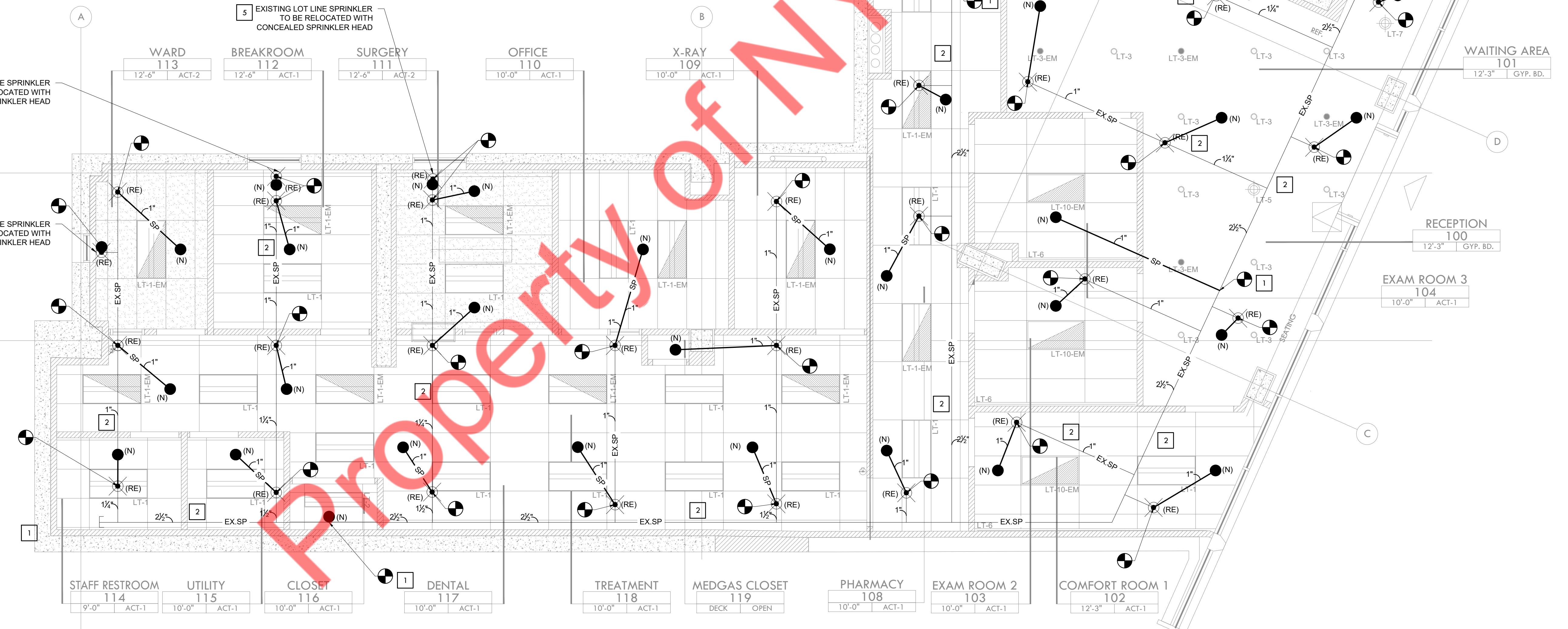
RESERVED FOR DOB:

GENERAL NOTES:

- ALL SPRINKLER HEADS & PIPING TO BE COORDINATED WITH EXISTING & NEW SERVICES.
- CONTRACTOR TO FIELD VERIFY EXACT LOCATION AND SIZE OF EXISTING SYSTEM AND RELOCATE HEADS WHEREVER SHOWN.
- ALL CONCEALED SPRINKLERS MUST BE SPACED AS FOLLOWS -
 - MAXIMUM 7.5' FROM WALL
 - MAXIMUM DISTANCE BETWEEN 2 SPRINKLER HEADS IS 15'.
 - MINIMUM DISTANCE BETWEEN 2 SPRINKLER HEADS IS 6'.
 - COVERAGE AREA PER SPRINKLER SHALL BE MAX. 225 SQ. FT.
 - LOT LINE SPRINKLER HEAD MAXIMUM DISTANCE FROM WALL IS 6".
- ALL SPRINKLER HEADS TO DESIGN CRITERIA PER COVERAGE.
- FOR SPRINKLER WORK ONLY.
- ALL WORK IN OTHER TENANT SPACES/BASE BUILDING SPACES SHALL BE COORDINATED WITH THE LANDLORD FOR ACCESS AND COORDINATED WITH BUILDING STAFF.
- ALL WORK WITH EXISTING BUILDING RISERS SHALL BE COORDINATED WITH BUILDING STAFF AND ALL TENANTS AFFECTED BY SUCH WORK.
- COORDINATE ALL SERVICE SHUTDOWNS WITH THE LANDLORD, BUILDING STAFF, AND ALL OTHER TENANTS AFFECTED BY IT.
- ANY WORK SHOWN ON THE DRAWINGS AND NOT PARTICULARLY DESCRIBED IN THE SPECIFICATIONS OR DETAILS, OR ANY WORK WHICH MAY BE DEEMED NECESSARY TO COMPLETE THE CONTRACT SHALL BE PROVIDED BY THE CONTRACTOR AS PART OF THIS CONTRACT.
- CONTRACTOR TO CO-ORDINATE ALL SPRINKLER LOCATION WITH LIGHTS, DIFFUSER.
- CONTRACTOR TO ADJUST EXISTING CONCEALED SPRINKLER HEAD ELEVATION AS PER NEW CEILING HEIGHT.
- CONTRACTOR TO V.I.F. THE CONDITION OF EXISTING SPRINKLER HEAD & PIPING WHICH ARE DAMAGE OR CORRODED NEEDS TO BE REPLACED WITH NEW SPRINKLER HEAD & PIPING. CONTRACTOR HAS TO CONSIDER ADDITIONAL COST OF NEW SPRINKLER HEADS AND PIPING WHILE BIDDING.
- ALL BRANCH TAKE-OFF FOR EACH SPRINKLER TO BE MIN. 1".
- NEWMY ADDED AND RELOCATED SPRINKLER HEAD SHOULD BE COORDINATED WITH LIGHTS, DIFFUSERS.

| SPRINKLER HEADS COUNT | |
|---|------|
| SPRINKLER HEADS TYPE | QTY. |
| NEW CONCEALED SPRINKLER HEAD | 04 |
| RELOCATED EXISTING UPRIGHT SPRINKLER HEAD TO NEW CONCEALED HEAD AT NEW LOCATION | 36 |

| KEYED NOTES: | |
|--------------|--|
| 1 | NEW SPRINKLER PIPE CONNECT TO EXISTING SPRINKLER PIPING. CONTRACTOR TO FILED VERIFY THE EXACT LOCATION & SIZES OF EXISTING SPRINKLER PIPING UPGRADE IF REQUIRED. |
| 2 | EXISTING SPRINKLER MAIN PIPE TO REMAIN WITH ALL ASSOCIATED EQUIPMENTS, VALVE & ACCESSORIES. CONTRACTOR TO V.I.F. THE EXACT LOCATION, SIZE & ROUTINE OF EXISTING SPRINKLER MAIN PIPE. |
| 3 | EXISTING FCA ASSEMBLY TO REMAIN WITH ASSOCIATED ACCESSORIES AND FITTINGS. |
| 4 | CONTRACTOR TO FIELD VERIFY AVAILABILITY OF CEILING PRIOR TO BID. PROVIDE CONCEALED SPRINKLER AS SHOWN ON THE PLAN IF CEILING IS AVAILABLE. BASE BID ACCORDINGLY. |
| 5 | LOT LINE WINDOW SPRINKLER HEAD SHALL BE 6" TO 12" FROM WINDOW SHIELD. |



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NY ENGINEERS
NEARBY ENGINEERS

382 NE 191ST STREET SUITE 49674-
MIAMI, FL 33179
PH-914.257.3455
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ARCHITECT/ENGINEER SEAL:

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DATE ISSUE
11.01.24 CLIENT/LL REVIEW SET

DATE REVISION
△  GoodVets

LOCATION:

PROJECT INFORMATION:
PROJECT NUMBER: 11478-24
DRAWN BY: NYE
REVIEWED BY: NYE
AREA: 3,377 SQ. FT.

TITLE: SPRINKLER FLOOR PLAN
SHEET NUMBER:

SP-101.00

RESERVED FOR DOB:

| <p>1 SCALE N.T.S. FIRE STOPPING DETAIL FOR FIRE/ SMOKE RATED WALL/FLOOR OPENINGS</p> | <p>2 SCALE N.T.S. TYPICAL DRAIN CONNECTION FOR TRAPPED LINES ON WET PIPE SPRINKLER SYSTEMS</p> | <p>3 SCALE N.T.S. NEW CONCEALED PENDENT SPRINKLER HEAD DETAIL</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|-----------|----------|---------|--|-----------|----------|---------|-----------|----------|---------|----|------|-------|--------|------|---------|--------|------|--------|----|------|---------|--------|------|--------|----|------|---------|----|------|---------|----|------|---------|---|--|
| <p>4 SCALE N.T.S. PIPE SLEEVE THRU WALL SECTION</p> <table border="1"> <thead> <tr> <th colspan="6">ROD SCHEDULE</th> </tr> <tr> <th>PIPE SIZE</th> <th>ROD SIZE</th> <th>SPACING</th> <th>PIPE SIZE</th> <th>ROD SIZE</th> <th>SPACING</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>3/8"</td> <td>5'-8"</td> <td>2 1/2"</td> <td>1/2"</td> <td>10'-12"</td> </tr> <tr> <td>1 1/4"</td> <td>3/8"</td> <td>6'-10'</td> <td>3"</td> <td>1/2"</td> <td>10'-12"</td> </tr> <tr> <td>1 1/2"</td> <td>3/8"</td> <td>8'-10'</td> <td>4"</td> <td>5/8"</td> <td>12'-15'</td> </tr> <tr> <td>2"</td> <td>3/8"</td> <td>10'-12'</td> <td>6"</td> <td>3/4"</td> <td>12'-15'</td> </tr> </tbody> </table> | ROD SCHEDULE | | | | | | PIPE SIZE | ROD SIZE | SPACING | PIPE SIZE | ROD SIZE | SPACING | 1" | 3/8" | 5'-8" | 2 1/2" | 1/2" | 10'-12" | 1 1/4" | 3/8" | 6'-10' | 3" | 1/2" | 10'-12" | 1 1/2" | 3/8" | 8'-10' | 4" | 5/8" | 12'-15' | 2" | 3/8" | 10'-12' | 6" | 3/4" | 12'-15' | <p>5 SCALE N.T.S. FLEXIBLE HOSE CONNECTION DETAIL</p> <p>NOTE: ADJUST EXISTING SPRINKLER MAIN/BRANCH PIPING TO NEW CEILING HEIGHT</p> | <p>6 SCALE N.T.S. HANGER DETAILS TYPICAL</p> |
| ROD SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PIPE SIZE | ROD SIZE | SPACING | PIPE SIZE | ROD SIZE | SPACING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1" | 3/8" | 5'-8" | 2 1/2" | 1/2" | 10'-12" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 1/4" | 3/8" | 6'-10' | 3" | 1/2" | 10'-12" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2" | 3/8" | 10'-12' | 6" | 3/4" | 12'-15' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>7 SCALE N.T.S. TYPICAL HANGER DETAIL AND ROD SCHEDULE</p> | <p>8 SCALE N.T.S. UPRIGHT SPRINKLER HEAD RELOCATION TO CONCEALED HEAD</p> | <p>SP-501.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1 SCALE N.T.S. SPRINKLER DETAILS</p> | | <p>CONSULTANTS NY ENGINEERS NEARBY ENGINEERS 382 NE 191ST STREET SUITE 49674, MIAMI, FL 33179 PH-914.257.3455 WWW.NY-ENGINEERS.COM</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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NY ENGINEERS

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△ DATE REVISION
GoodVets
LOCATION:

PROJECT INFORMATION:
PROJECT NUMBER: 11478-24
DRAWN BY: NYE
REVIEWED BY: NYE
AREA: 3,377 SQ. FT.

TITLE:
SPRINKLER DETAILS
SHEET NUMBER:
RESERVED FOR DOB:

SP-501.00