TREE PROTECTION NOTES

1. Any and All work performed within 50 feet of a city tree must possess a permit issued by the NYC Parks Department to avoid unsafe, hazardous and other conditions whichmay be derimental or potentially detrimental to any city tree. It is incumbent upon the applicatnt to ascertain as to wheter or not there are any trees or tree roots situated within the city right of way. Any and all trees that fall with the jurisdiction of the NYC Parks Department are protected by law form any and all damage therto incuding but not limited to any incidental damages, damage to the canopy, or damage to the trucnk or root zone during and in the course of any and all construction activities, and also the aftermath of any and all construction activities. No cutting or otherwise damaging of tree roots is permitted. Any and all tree work must be permitted. Tree work performed absent of a permit are subject to violations and misdemeanors punishable by maximum fine of $15,000 and/ or imprisonment for up to one year. Any and all applications relating to construction activities must be accompanied by the appropriate documentation as requested per P-A Forestry Application upon Forester request.

2. Applicant shall notify NYC Parks/Forestry at least 20 business days prior to the commencement of any work requiring apermit.

3.Temporary wooden tree guards and temporary snow fence boundary shall be installed immediately around each tree impacted by demolition and /or construction and maintained throught the coursed of the entire demolition and construction process,

4. The contractor shall take extreme care to protect the root systems of the existing trees. Bulk material, equipment, scaffold footings, or vehicles shall not be stockpiled or parked within the critical root zone (CRZ) of any tree, or within ten (10) feet of the trunk (whichever is greater). This is done to minimize surface and subsurface root and soil compaction. This applies to all CRZs within or outside the poject limit line. Every inch of DBH(diameter bresast height) of the tree represents one required radial foot of tree protection.

5. If stockpiling occurs within the CRZ , NYC Department of Builidngs (DOB) shall be informed. NYC DOB shall immediatley issue a stop work order. Additional violations may be issued and may require remedial work to remain within forestry inspetor's prescribed timeframe. Work shall not re-commence until all stockpiled material is removed from CRZ, tree remediation is satisfied, and NYC DOB Lifts Stop work order

6. If any machinery is operating within the CRZ the affected area shall be covered with mulch to a depth of at least twelve (12)-inches and covered with plywood or metal plates to distribute weight in order to protect roots from damage caused by heavy equipment. Such covering shall be maintained during the course of construction and removed by hand or as specified by the contracted certified arborist or forestry inspector with associated photos reported accordingly. Heat sources, flames, ignition sources, and smoking are prohibited within the CRZ and within the above mentioned mulched area.

7. When a deficiency in tree protection is determined by a forestry inspector it must be remedied immediately. Failure to correct the deficiency immediately may result in violations and summons

8. Any damage to exisitng trees during construction shall be the contractor's responsibility. The contractor shall perform remedial work to damaged trees at the contractor's expense; this work shall meet all NYC parks regulations. Contracor is reponsible for obtaining all necessary permits to comply with NYC Parks regulations. Additional resources are available at the NYC Parks website
http://www.nycgovparks.org/services/forestry/

9. Contracor will contact NYC Parks if any underground infrastructure (gas, water/electric etc.) affects any proposed/existing trees onsite. Project manager is aware that any work done on or within 50 feet of a city tree requires a permit from NYC parks. This includes utility, sidewalk, pruning, or any other work within CRZ of a tree (within the city right of way) done by the general contractor or any subcontractors. Contractor will be familiar with, and follow NYC parks planting and forestry specifications. In some instances, utilities may not be labeled on proposed site plan. if utilities are unkown, the project manager must request Architect to amend and obtain re-approval of plans by NYC parks.

10. Construction access route is to be diagrammed and routed to minimally impact any existing tress. FInal route shall be established on site and approved by the forestry inspector. Site plans are to be included and amended accordingly when requesting NYC Parks approval.

11. Roots over one (1)-inch in diameter shall not be cut eithout the written permission of the borough director of forestry.

12. To best protect tree roots the contractor shall exercise extreme care in removing concrete or asphalt within the CRZ of existing trees. Pavement should be lifed rather than dragged. Excavation within the CRZ, or elsewhere on site, as indicated on tree protection plan, shall be done by hand or pheumatic excabation and in the presence of the forestry inspector or contracted certified arborist with associated photos and report to be filed with NYC Paks forestry inspector. Contractor is schedule appointment with forestry inpector accordingly.

13. The excavation area within the CRZ shall be backfilled immediately and/or roots shall be kept constantly moist with burlap covered with white plastic and checked a miniumum of two (2) times a day, once in the morning and once in the afternoon, for a maximum of forty -eight (48) hours, until backfill is complete as directed by the director of landscape construction and the resident engineer. If directed, soaker hoses shall be installed to facilitate properly moist conditions. No pooling of water or continuous running water shall occur within drip line of existing trees or within the tree protection zones other than that during the irrigation process.

14. If roots are to be exposed for a period greater than forty-eight (48) hours, the exposed area shall be vovered with at least six (6) inches of mulch and maintained moist during the course of construction until the area can be properly backfilled. Photos to be taken periodically and reported to the forestry inspector by landscape contractor or contracted certified arborist.

15. No runoff or spillage of noxious materials while mixing, placing, or storing construction material shall occur within the tree pit or CRZ. No ponding, eroding, or excessive wetting caused by dewatering operations shall occur within tree pit or critical root zone.

16. All existing trees being protected on proposed jobiste are to be watered 20 gallons once weekly between March 1 and October 30 accordingly to best perserve exieting trees during demolition and construction process. Watering shall be done in a manner that there should not be standing water around the tree.

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73-59 Utopia Parkway
Fresh Meadows, New York 11366
Telephone: 718-526-8178
Facimile : 718-969-0210

46 EDGECOMBE AVE
BLOCK: 1960
LOT: 63
ZONING MAP: 6A
ZONING DISTRICT: R8
CONSTR. CLASS: II B
PROPOSED USE GROUP: 4
EXISTING USE GROUP : J-2
OCCUPANCY GROUP: A-3,R-3

17. Unless otherwise noted it is best to keep existing concrete within tree protection zone as long as possible until removal and reinstallation of new sidewalk. Concrete should be left intact throughout the demolition and construction process to prevent further soil compaction on existing tree roots. Other work may be specified by forestry inpector to be done within a prescribed time frome. Metal grates are to be removed immediately. Cobblestones are to be removed immediately and the void crreated is to be amended with soil level to the sidewalk . Pit expansion may be required by forestry inspector.

18 Preparatory pruning work shall be performed only when directed by a forestry inpector. This work shall be performed in accordance with ANSI a300 standards and by a qualified, licensed and insured arborist or tree service company. Contractor is to follow all NYC Parks Forestry permit and work order regulations. Contractor is responsible for scheduling the appointment with forestry inspector.

19. All new indicated tree pits are to be fully excabated to the dimensions labeled and replaced with new quality topsoil to NYC Parks standards

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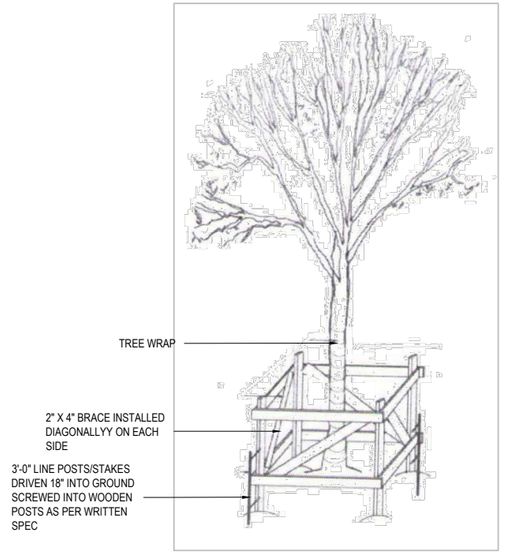
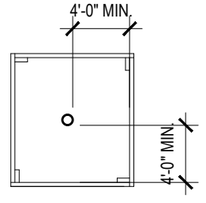
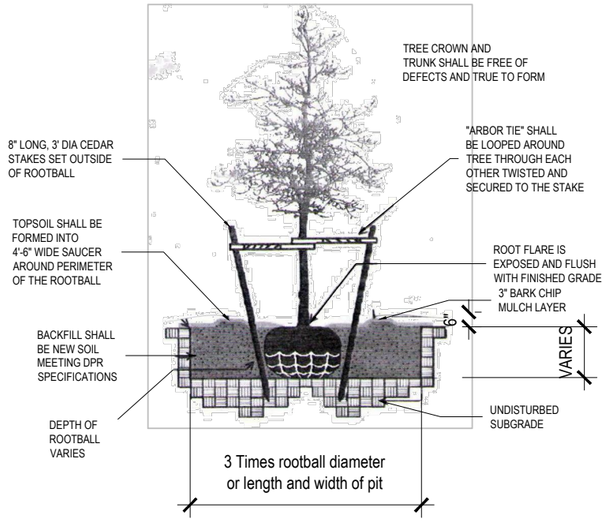


ELEVATION

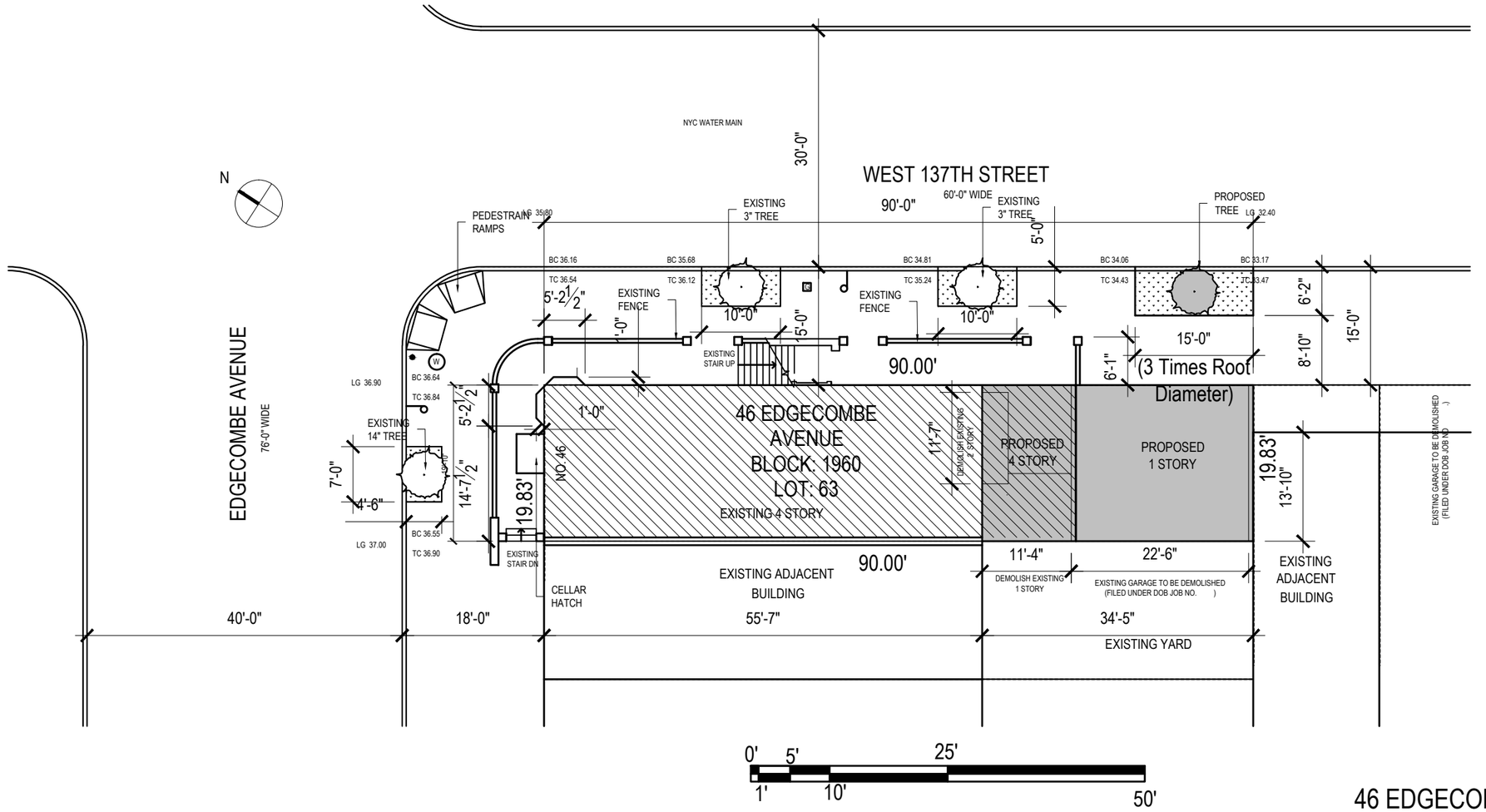


PLAN



TREE PLANTING AND STAKE DETAIL

ST-03ST-02.00 STREET TREE.00 STREET TREE
ADDEDUM NO. 1 FEBRUARY 29,2016



SCALE: $\frac{1}{16}$" = 1'-0"

Will contact NYC Parks if any underground infastructrure (gas/water/electric etc.) affects any proposed/existing trees on site. Project Manager is aware that any work done on or near a city tree requires a permit fom NYC Parks. This includes utility, sidewalk, pruning or any other work within the dripline of a tree (within the right of way) done by the general contractor or any subcontractors will follow NYC parks planting and forestry specifications. Utilites may not be labelled. If unknown, the Project Manager must amend plan with NYC Parks in the future

TOTAL NUMBER OF TREES REQUIRED BY NYC DOB	1
EXISTING TREES TO PROTECT	3
PROPOSED TREES TO REMOVE/ RELOCATE	0
PROPOSED TREES TO PLANT	1
TREES TO PLANT OFFSITE	0
TREES TO PAY INTO TREE FUND	0

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LEGEND

- EXIST'G 3 STORY WITH BASEMENT
- EXISTING 2 STORY WITH BASEMENT
- EXISTING 1 STORY
- EXISTING TREE
- NEW FASTIGIATA OAK TREE OR HONEY LOCUST
- STREET SIGN
- TRAFFIC LIGHT
- GAS VALVE BOX (G)
- CITY WASTE BASKET (W)

46 EDGECOMBE AVE
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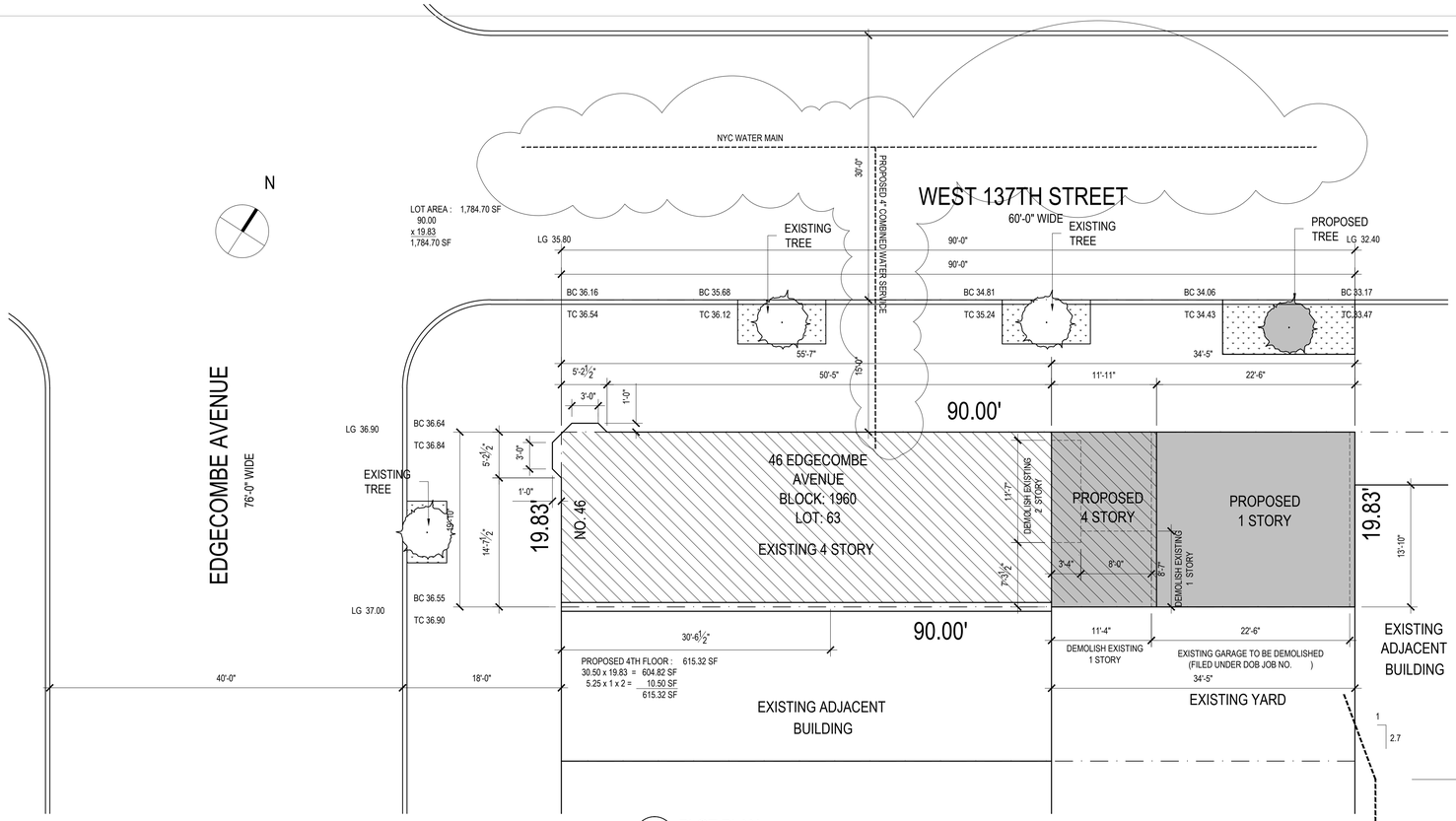
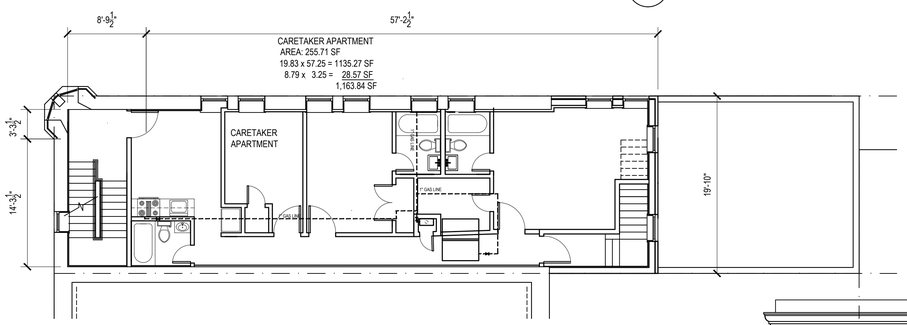
OCCUPANCY GROUP: A-3,R-3

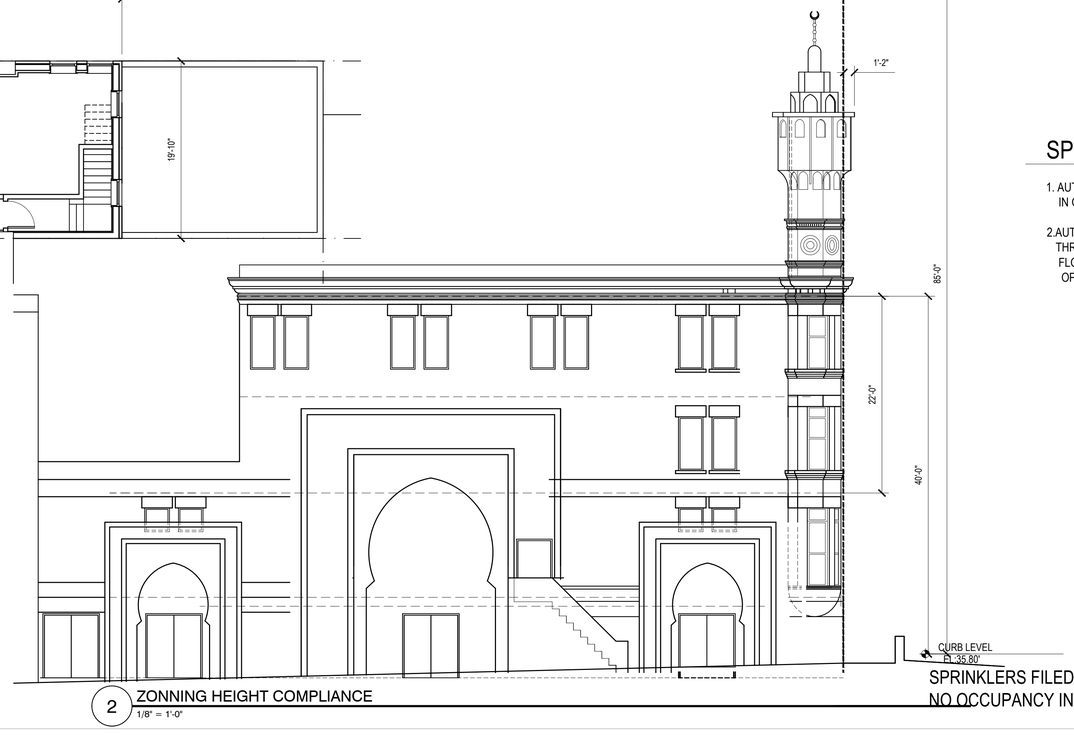
ST-04.00 STREET TREE
ADDENDUM NO. 1 FEB.29, 2016



1 PLOT PLAN
1/8" = 1'-0"



3 CARETAKER APARTMENT AREA CALCULATION
1/8" = 1'-0"



2 ZONNING HEIGHT COMPLIANCE
1/8" = 1'-0"

46 EDGECOMBE AVE
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LEGEND

EXIST'G 3 STORY WITH BASEMENT

EXISTING 2 STORY WITH BASEMENT

EXISTING 1 STORY

LOT AREA:1,784.70 SF

24-10 MAXIMUM FLOOR AREA:11,600.55 SF
1,784.70
x 6.50
11,600.55 SF

PROPOSED FLOOR AREA: 5,842.06 SF
Existing : 4.450.60 SF
Proposed : 1,391.46 SF
5,842.06 SF

MAXIMUM LOT COVERAGE: 1,338.53 SF
1,784.70 x .75 = 1,338.53 SF

PROPOSED LOT COVERAGE:1,338.52 SF
(Applied as per 24-12)

24-522 Maximm Height Fron Wall: 85'-0" or 9 Stories
Sky Exposure Plane : 2.7:1

SPRINKLER NOTES

1. AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED IN GROUP R FIRE AREAS (BC 903.2.7)

2. AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED THROUGH OUT CELLAR, 1ST and 2nd FLOORS WHERE THE FLOOR AREA EXCEEDS 1,500 SF AND WHERE FOLLOWING OPENINGS ARE NOT PROVIDED:

   A. Openings below grade that lead directly to ground level by an exterior stairway or an outside ramp

   B. Openings above grade totaling at least 20 SF in each 50 linear feet or fraction thereof, of exterior walls facing onto a street, in the story on at least one side.

   C. Such openings shall have a minimum dimension of not less than 30 inches, shall be accessible to the Fire Department from the exterior and shall not be obstructed in a manner that fire fighting or rescue cannot be accomplished from the exterior.

SPRINKLERS FILED UNDER SEPARATE APPLICATION
NO OCCUPANCY IN BUILDING DURING CONSTRUCTION

Special Inspection Items

2. Structural Steel - Erection and Bolting
3. Structural Cold - Formed Steel
4. Concrete - Cast-in-Place
5. Masonry
6. Soils - Investigations (Borings / Test Pits)
7. Mechanical Systems
8. Structural Safety - Structural Stability
9. Excavation - Sheeting, Shoring, and Bracing
10. Soil Percolation - Drywell Test
11. Site Storm Drainage Disposal and Detention System Installoation
12. Heating Systems
13. Firestop Draftstop, and Fireblock Systems
14. Concrete Test Cylinders
15. Concrete Design Mix

Progress Inspection Items

1. Footing and Foundation
2. Energy Code Compliance Inspections
3. Fire-Resistance Rated Construction

Energy Code Progress Inspection

1. Insulation Placement and R-values
2. Fenestration thermal values and Rating
3. Fenestration ratings for air-leakage
4. Fenestration areas
5. Vestibules
6. Dampers integral to building envelope
7. HVAC and service water heating equipment
8. HVAC and service water heating system controls.
9. Duct leakage testing
10. Interior lighting and power
11. Exterior lighting and power
12. Lighting controls
13. Exit signs
14. Permanent certificate

ARCHITECT:
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Telephone: 718-526-8178
Facimile : 718-969-0210

OWNER:

MICA

Murid Islamic Community in America
46 Edgecombe Avenue
New York, NY 10030
973-820-6430

ADDENDUM NO. 1 FEBRUARY 29, 2016

PROJECT :

TITLE:

ZONING COMPLIANCE

SEAL & SIGNATURE:

Date:
PROJECT NO.:
DRAWN BY:
CHK BY:
DWG NO.: A-002

A-002.01

CAD FILE No.:

NYC Fire Code Notes

Sprinklers

1. FC 903.4 SPRINKLER SUPERVISION AND ALARMS
All valves controlling the water supply for sprinkler systems, pumps, tanks, water levels and temperatures, critical air presures and water flow switches on all sprinkler systems shall be electrically supervised by fire alarm systems where a fire alarm system is required by section 907 of the building code. Exceptions as per 903.4

2. FC 903.5 MAINTENANCE
Sprinklers systems shall be periodically inspected, tested serviced and otherwise maintained in accordance with FC 901.6 and the rules. Except as otherwise provided in FC 903.5.1 Through FC 903.5.3

3. FC 903.5.4 SPRINKLER SYSTEM CONTROL VALVE SIGNAGE
A sign identifying the location of the sidewalk box housing the sprinkler system control valve shall be conspicuously posted on the exterior wall of the building directly opposite the sidewalk box. Such sign shall have red letters 1 inch in height on a white background and read "SPRINKLER SYSTEM SHUTOFF VALVE (*indicate distance)* FEET OPPOSITE THIS SIGN" or other approved design

Fire Department Connections

1. FC 912.2.1 VISIBLE LOCATION
Fire department connections shall be located on the street side of buildings , fully visible and recongnizable from the street or nearest point of fire department apparatus access, or as otherwise approved by the commissioner.

2. FC 912.3 ACCESS
Immediate access to fire department connections shall be maintained at all times, without obstruction by fences, posts bushes, trees, rubbish containers, cehicles, walls or other objections

Exception: Access to fire department connections may be obstructed by a fence,provided that such fence has an approved access gate compling with the design, installation, operation and maintenance requirements of FC912, including signage complyig with FC912.4 and means of emergency operation.

3. FC912.3.2 CLEAR SPACE AROUND CONNECTIONS
A working space of not less than 36 inches in with, 36 inches in depth and 78 inches in height shall be provided and maintained in front of and around wall-mounted and free standing fire department connections, except as otherwise required or approved.

4. FC912.3.3 PHYSICAL PROTECTION
Where fire department connections are subject to impact by motor vehicle whose normal operation brings it into proximity with such connections, such as when fire dpartment connections are located curbside or adjacent to loading or parking area vehicle impact protection shall be provided in accordance with FC312.

5. FC912.4 MARKING
Wall hydrants and fire pump test headers located on the exterior of buildings shall be consopicuously marked to indicate their function. FIre department connections shall be marked as follows:

A. Fire department connections serving a standpipe system shall be provided with caps painted red, and shall have the word "STANDPIPE" in letters 1 inch high and ⅛ inch deep cast in the body or on a non ferrous metal plate secured to the conn ections or mounted on the wall in a visable location, except that caps of fire department connections used for combination standpipe and sprinkler systems shall be painted yellow and the words shall read: "COMBINATION STANDPIPE AND SPRINKLER SYSTEMS."

B. Fire department connections serving a sprinkler system protecting an entire building or structure shall be provided with caps painted green and shall have the word "SPRINKLER" in letter 1 inch high and ⅛ inch deep cast in body or on a non ferrous metal plate secured to the connections or mounted on the wall in a visible location , except that caps of fire department connections used for combination standpipe and sprinkler systei shall be painted yellow and the words shall read:"COMBINATIO STANDPIPE AND SPRINKLER SYSTEMS"

C. Fire department connections serving a non-automatic sprinkler system shall have entire connection painted silver

D. Fire department connections serving a sprinkler system protecting only a portion of a building or sructure shall hav durable metal sigr securely fastended to , or above the connectionindicating the portiion of the building or structure protected.

6.FC912.6 MAINTENANCE
Sprinkler system and standpipe system fire department connections shall be periodically inspected, tested, serviced and otherwise maintained in accordance with FC901.6 and NFPA 25. Upon order of commissioner, but at least once every 5 years, such fire department connections shall be subject to hydrostatic pressure test to demonstrate their suitability for department use . The test shall be conducted in accordance with rules and at the owner's risk, by his or her representative before a representative of the departemnt.

NYC Building Code Notes
(Appendix Q Modification of NFPA 13)

CHAPTER 6 SYSTEM COMPONENTS

1. NFPA 6.3.6.5-Non-metallic piping and fittings are permitted to be used only in Group R Occupancies 6 stories or less in height

2. NFPA 6.9.2.2.3 The alarm apparaus for a dry-pipe system shall also consist of approved low and high air pressure alarm attachments to the dry pipe valve.

CHAPTER 7 - SYSTEM REQUIREMENTS

3. NFPA 7.6.3.2 Backflow Prevention Device relief discharge shall be piped to a safe location.

4. NFPA 7.7 Circulating closed loop systemsts not permitted Delete entire section

5.NFPA 7.10 Commercial type Cooking Equipment Sprinklers not permitted

CHAPTER 8 INSTALLATION REQUIREMENTS

6.NFPA 8.2.1 The maximum floor area on any one floor to be protected by a single riser from a control and alarm device shall be as follows: Delete first sentence and replace

7. NFPA 8.15.4.1 When required by other sections of this standard or the NYC Building Code (delete reference to 8.15.4.4 add at end of section)

8.Delete NFPA 8.15.4.4

9. NFPA 8.15.5.3 Delete words "in elevator machine rooms or" Sprinkler required in elevator machine rooms

10. Delete and replace with following: Close and Pantries. Sprinklers are not required in clothes closets, linen closets, and pantries within:

A. Dwelling units in hotels and motels where the area of the closet or pantry does not exceed 24 SF the least dimension does not exceed 3 feet and the walls and ceilings are surfaced with noncombustible or limited combustible materials and

B. Dwelling units in Group R occupancies other than hotels and motels where the area of the closet or pantry does not exceed 12 SF , the room or space upon which the closet or pantry opens is equipped with sprinklers designed to afford protection to the opening of the closet or pantry, and the walls and ceilings of the closet or pantry are surfaced with non combustible or limited combustible materials.

11.NFPA 8.15.14 Sprinkler Location in Open Grid Ceilings Delete entire section.

12. ADD 8.15.19.4.5 In altering sprinkler systems which contain ¾ inch pipe, the existing ¾ inch pipe may be retained except that extension from such ¾ inch pipe shall be made using pipe having a minium diameter of except as provided for in sections NFPA 8.15.19.4.1, 8.15.19.4.2,8.15.19.4.3, 8.15.19.4.4

13. ADD 8.15.19.4.6 Where nipples used are less than 1 inch diameter,nipples shall be schedule 80 and no longer than shoulder.

14. ADD 8.16.1.1.1.4 An approved indicating shutoff valve may be used in lieu of an O.S.& Y. gate valve wherever referred to in these modifications except such valve shall not be part of the pressure reducing valve. The indicator shall be readily visible from the floor.

15. ADD 8.16.1.1.1.5 A connection from public water system shall not extend into or through a building unless such connection is under the control of an outside indicator post or O.S. & Y. gate or under the control of an inside O.S.&Y. gat valve located near outside of building

16. ADD 8.16.1.1.1.6 All gate valves controlling water supplied for sprinklers shall be located where readily accessible and when necessary, permanent ladders clamped tread on risers, chains and wheels, or other accepted means shall be provided.

17. ADD 8.16.1.1.1.7 Floor control valves shall be provided where required or in special cases where area or height or number of tenants is excessive, both in manufacturing and mercantile buildings, or where contenets are more than ordnainarily susceptible to dmage Floor alves shall be located where they are readily accessible. They are to be O.S.& Y. or indicating type located ahead of the inlet of any pressure reducing valve.

18. ADD 8.16.1.1.1.8 Valves controlling sprinkler supplied from the standpipe system shall be listed for standpipe service in the pressure zone in which it is installed. They shall be O.S.& Y. or indicating valves, and shall be located ahead of the inlet of any pressure reducing valve installed.

19. NFPA 8.16.1.1.2.2 Revise to read as follows: Floor control valves in high-rise buildings shall comply with section 8.16.1.1.2.1(1) or 8.16.1.1.2.1 (2)

20.NFPA 8.16.1.2.4 A Listed relief valve of not less than ½" in size shall be provided on the dischare side of the pressure reducing valve.

21.NFPA 8.16.2.5 Means shall be provided downstream of all pressure reducing valves for flow tests sprinkler system demand.

22.ADD NFPA 8.16.1.1.3.6 Where a system having only one dry-pipe valve is supplied with city water and Fire Darpartment connection, it will be satisfactory to install the main check valve in the water supply connection in a vertical position immediately inside the building after the main indicating valve

NYC Building Code Notes
(Appendix Q Modification of NFPA 13)

23. ADD NFPA 8.16.1.1.3.7 Check valves on tank or pump connections, whenlocated underground, may be placed inside of buildings and at a safe distance from the tank riser or pump, except in cases where the building is entirely of one fire area, in which case he check valve may be located over-head in the lowest level.

24. ADD Section 8.16.1.1.4.4 Wher either a wet or dry pipe sprinkler system is supplied by city water and a Fire Departemtn connection and has more than one riser with O.S.& Y. gate valve in each, and the whole system is controlled by one outside post indicator valve, the main check valve in the water supply connection may be installed immediatly inside building. If the supply is controlled by an underground gate valve with a Department of Environmental Protection standard curb, roadway or sidewalk flush box, the main check valve in the water supply connection should be installed immediately after the O.S.& Y. gate valve inside the building.

25. ADD NFPA 8.16.1.1.4.5 A gate valve should be installed on each side of each check valve under conditions other than desecribed in sections 8.16.1.1.4.1,8.16.1.1.4.2, 8.16.1.1.4.3 and 8.16.1.1.4.4. However, this shall not apply to two way Fire Department check valves.

26. ADD NFPA 8.16.1.1.4.6 In a city connection serving as one source of supply the city valve in the connection may serve as one of the required gate valves. An O.S.&Y. valve or an indicator post valve should be installed on the systems (water supply) side of the check valve.

27. NFPA 8.16.1.1.5.1 Delete and Replace:Where a gravity tank is located on a tower in the yard, the gate valve on the tank side of the check valve shall be of O.S.&Y. type; the other shall be either an O.S. & Y. valve or other listed indicating valve. Where a gravity tank is located on a building. both gate valve shall be the O.S.& Y type; and all fittings inside the buildings except the drain tee fill line, and heater connections, shall be under the control of a gate valve.

28. ADD NFPA 8.16.1.3.3 Where sprinklers are supplied from a yard main, alisted outside indicator post gate valve shall be placed in the connecting pipe at a safe distance from the building. Indicator post valves should be located not less than 40 feet from buildings; but where necessary toplace a valve close to a building, it shoud be located at a blank part of the wall.

29. ADD NFPA 8.16.1.3.4 When a building has no basement and an outside post indicator control cannot be furnished, a short post indicator may be installed in a horizontal position in riser with hand wheel projecting outside wall.

30. ADD Section 8.16.1.4.2.7 Pits for underground valves except those located at the base of a tank riser, are described in the standard for Outside Protection (ANSI/NFPA No. 24-2010). Forpits protecting valves located at the base of a tank riser, refer to section 8.15.1.4.2.7.

31. TABLE 8.16.2.4.2 Change table to the following:

TABLE 8.16.2.4.2
SECTIONAL OR FLOOR VALVE SIZE
MINIMUM SIZE OF DRAIN CONNECTION

Up to 2 inch	1 inch
2½ inch to 4 inch	1¼ inch
5 inch and larger	2 inch

32. ADD Section 8.17.1.5.3 Identification of signs shall be provided for outside alarm devices. The sign should be located near the device in a conspicuous position and shall be worded as follows: "SPRINKLER FIRE ALARM -WHEN BELL RINGS NOTIFY FIRE DEPARTEMT OR POLICE"

33. NFPA 8.17.1.6 ADD at end new item 4 as follows :
(4) Refer to NFPA 72 for further requiements

34. ADD SECTION 8.17.1.8 DRY PIPE SYSTEM ALARMS as follows:
A. 8.17.1.8.1 The alarm apparatus for a dry-pipe system shall consist of approved low and high air pressure alarm attachments as well as waterflow pressure type alarm attachements to the dry -pipe valve. When a dry-pipe valve is located on the system side of an alarm valve, the actuating device of the alarms for the dry-pipe valve may be connected to the alrams on the wet pipe system

35. ADD SECTION 8.17.1.9 DRAINS FOR ALARM DEVICES
A. 8.17.1.9.1 Where vents are necessary for satisfactory electric alarm switch operations, such vents should be properly piped to a drain

B. 8.17.1.9.2 Drains from alarm devices shall be so arrranged that there will be no danger of freezing, and so that there will be no overflowing at the alarm apparatus, at domestic connections or elsewhere with the sprinkler drains wide open and under pressure.

C. 8.17.1.9.3 Drain from retarding chamber and electric alarm switch shall be permitted to discharge through an open cone and be run separate from main system drains to a safe and visible point of free discharge or to sewer or ground drain. Drain from water-motor-operated alarm device may run separately to sewer or ground drain or may be connected to drain from retarding chamber at a point between such sewer and a check valve on this drain, a union or plug being inserted in the drain from the alarm device to permit inspection. Where checks are used they shall be so located as to have eth equivalent of at least a four foot head and shall not be installed in a vertical position.

NYC Building Code Notes
(Appendix Q Modification of NFPA 13)

D. 8.17.1.9.4 Where drains are conveyed to a sewer, a proper trap shall be provided.

E. 8.17.1.9.5 Where it is necessary to drain alarm valves outside the wall, an open discharge cone shall be provided inside to break the pipe line so that cold air will not conduct directly into the retarding chamber. Alterantely, all drains shall have at least 4 feet of pipe beyond the valves, in a warm area.

FIRE DEPARTMENT CONNECTIONS

36. 8.17.2.2 Delete items 1-3 add:
The following systems shall not require a fire deparement connection:
(1) Systems with sprinklered reas not exceeding 2000 square feet
(2) Systems containing 36 or fewer sprinkler heads except as otherwise required by other sections of this referenced standard

37. NFPA 8.17.2.3 Delete items 1-3 andadd
The size of pipe for fire department connection shall be in accordance with one of the following:
(1) Minimum size of two-way Fire Department conn-ection is 5 inches except for two-way Fire Department connections supplying a single system with a riser smaller than 5 inches where a 4 inches two way Fire Department connection may be used.

38. ADD NFPA 8.17.4.2.1 This test pipe shall be not less than 1 inch in diameter, located in the upper story, and the connection shall be permitted to be piped from the end of the most remote branch line. The dischrge shall be at a point where it can be readily observed. In locations.

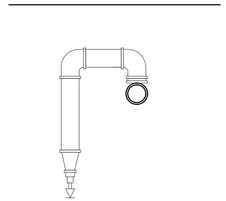
39. ADD NFPA 8.17.5.1.2 Where the building is protected through out by an approved automatic sprinkler system, the presence of 1 ½ inch hose lines for use by the building occupants shall not be required where a Standpipe System is not otherwise required by Section 905 of New York City Building Code.

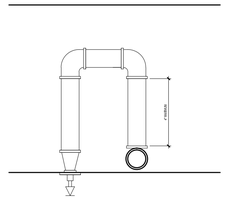
40. NFPA 8.17.5.1.3 House connections shall be supplied from
(1) Separate piping system for small hose connections separately valved and connected to each sprinkler riser for hose stations located in the area covered by the sprinkler system that such riser serves upstream of all sprinkler control valves or in lieu thereof connected to the riser of an adjacent system with areas of coverage as stated and connected up-stream of all sprinkler control valves.

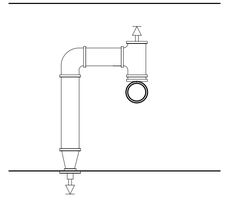
41. NFPA 8.17.5.1.4 ADD at the beginning "Where a Standpipe System is not otherwise required by Section 905 of the "NYC Building Code" and delete item (2) and renumber itesms (3), (4) and (5) to(2), (3) and (4) respectively

CHAPTER 9 HANGERS

42. DELETE NFPA 9.2.1.3.3 Delete all subsections and replace with the following:
9.2.1.3.3 Listed flexible hose fittings and their anchoring components intended for use in installations connecting the sprinkler system piping to sprinklers shall be rigidly fixted







ARCHITECT:
JAMIL COPPIN
ARCHITECT, P.C.
73-59 Utopia Parkway
Fresh Meadows, New York 11366
Telephone: 718-526-8178
Facimile : 718-969-0210

OWNER:

MICA

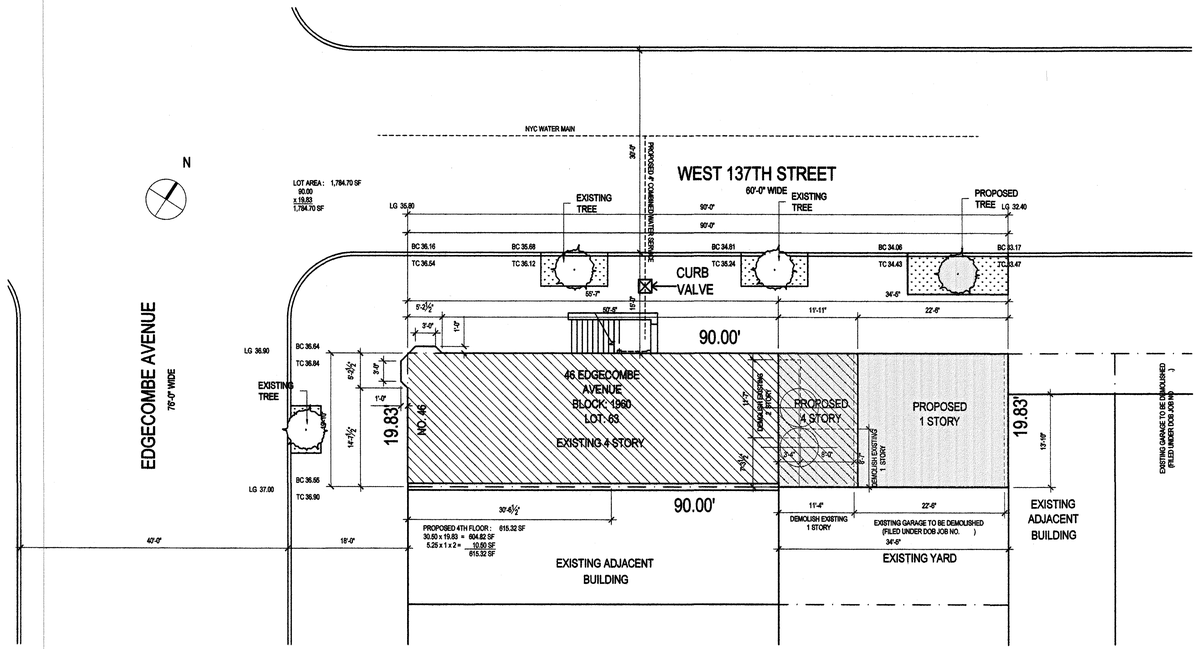
Murid Islamic Community in Americ
46 Edgecombe Avenue
New York, NY 10030
973-820-6430

PROJECT :

TITLE:
SPRINKLER NOTES

SEAL & SIGNATURE:

Date:
PROJECT NO.:
DRAWN BY:
CHK BY:
DWG NO.:
SP-001.00
CAD FILE No.:



46 EDGECOMBE AVE
BLOCK: 1960
LOT: 63
ZONING MAP: 6A
ZONING DISTRICT: R8
CONSTR. CLASS: II B
PROPOSED USE GROUP: 4
EXISTING USE GROUP : J-2
OCCUPANCY GROUP: A-3,R-3

LEGEND

EXISTG 3 STORY WITH BASEMENT

EXISTING 2 STORY WITH BASEMENT

EXISTING 1 STORY

SPRINKLER HEADS:

CANCEALED PENDENT SPRINKLER RESIDENTIAL

GRINNELL MODEL F978 DESIGNER, BULB TYPE 4.2 K-FACTOR, 155 F BSA# 334-79-SA

PENDENT, UPRIGHT OR CONVENTIONAL

GRINNELL MODEL FR1 FAST RESPONSE BSA# 334-79-SA

HIGH TEMPERATURE PENDENT

GRINNELL MODEL ISSUE D BULB TYPE BLUE BULB BSA# 334-79-SA

SIDEWALL

GRINNELL MODEL F 687 BSA# 334-79-SA

PRESSURE LOSS CALCULATION

OCCUPANCY CLASSIFICATION: Ordinary (Residential, Commercial)
RESIDUAL PRESSURE: 10.57 psi at Farthest Sprinkler Head
ACCEPTABLE FLOW AT BASE OF RISER: 120 gpm (Min.)
DENSITY: 0.15 gpm / s.f. for 7,204.00 SF
TOTAL FLOW = 1,060.00 gpm

FRICTION RESISTANCE IN RISER (P):

$P = 4.52 \times \frac{(Q)^{1.85}}{C^{1.85} \; d^{4.87}}$ (HAZEN-WILLIAMS FORMULA)

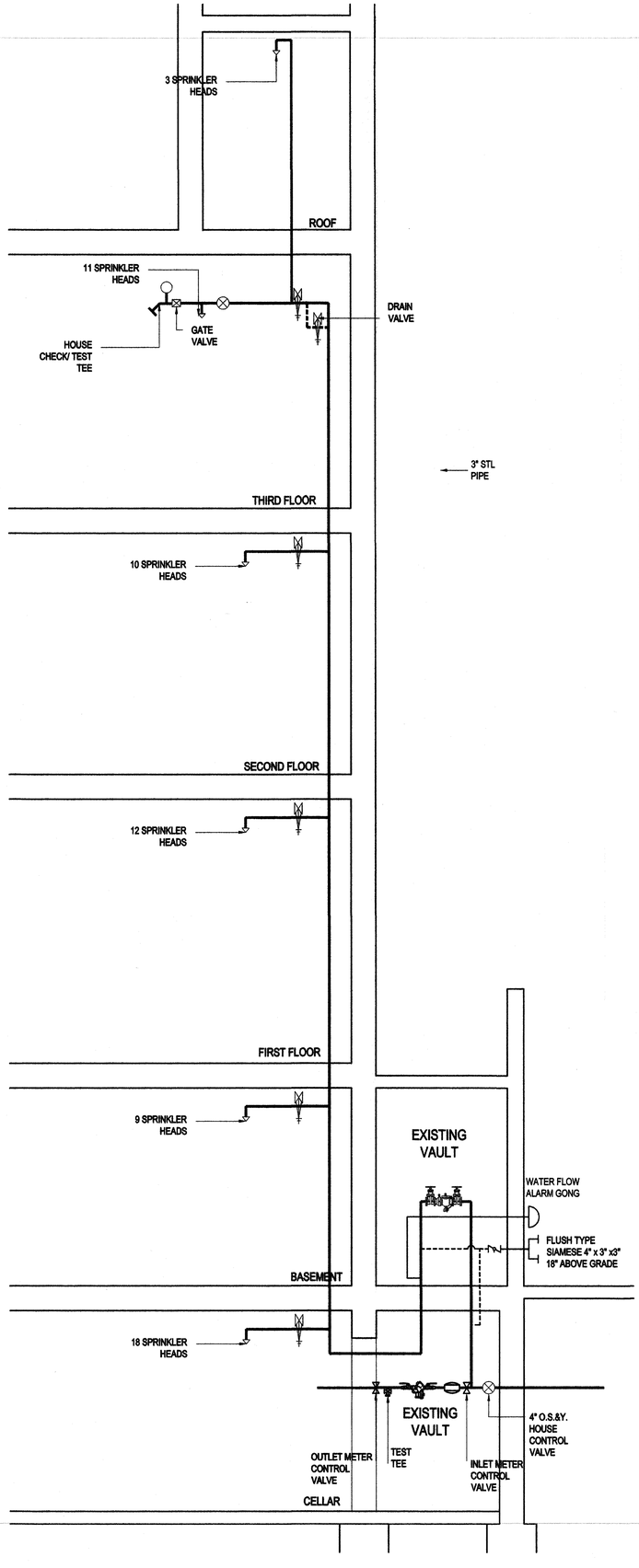
P-Friction Loss in lbs / sq. Inch per Linear Foot of Pipe
Q- Flow (500 GPM)
d- Diameter of Pipe (4")
c- Friction Loss Coefficient(120 for Steel Pipe)

$P = \frac{4.52 \times 1060^{1.85}}{120^{1.85} \times 4.026^{4.87}} = 0.003$ PSI

P= 16.29 x 1060 = 17,593.20
7,022.40 x 682.55 6,197,561.23 = .003
FRICTION LOSS IN RISER : .09 PSI
29.79 (from point of entry to ceiling) x .003 = .09 PSI
PRESSURE LOST TO GRAVITY : 12.90 PSI
29.79 x 0.433 = 12.90 PSI
PRESSURE LOST THRU -OUT : 10 PSI

RPZ PRESSURE LOSS : 10 PSI
PRESSURE REQUIRED

AT FURTHEST SPRINKLER : 10.64 PSI
32.25 +84.67 = 116.92 x .091= 10.64
PROVIDED PRESSURE: 58.00 PSI
REQ'D PRESSURE : 43.54 PSI



ARCHITECT:

JAMIL COPPIN
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Telephone: 718-526-8178
Facimile : 718-969-0210

OWNER:

MICA

Murid Islamic Community in Americ
46 Edgecombe Avenue
New York, NY 10030
973-820-6430

ADDENDUM 1 FEBRUARY 24 2016

PROJECT :

TITLE:

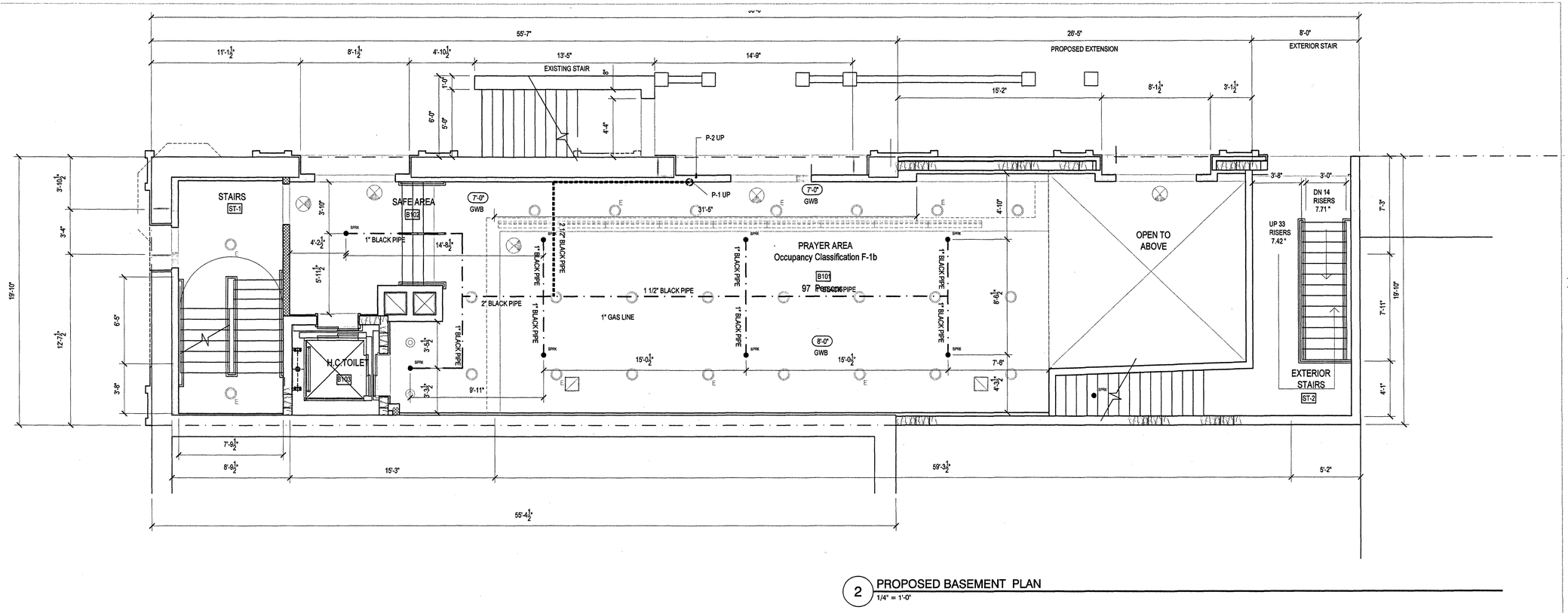
PLOT PLAN
SPRINKLER RISER DIAGRAM

SEAL & SIGNATURE:

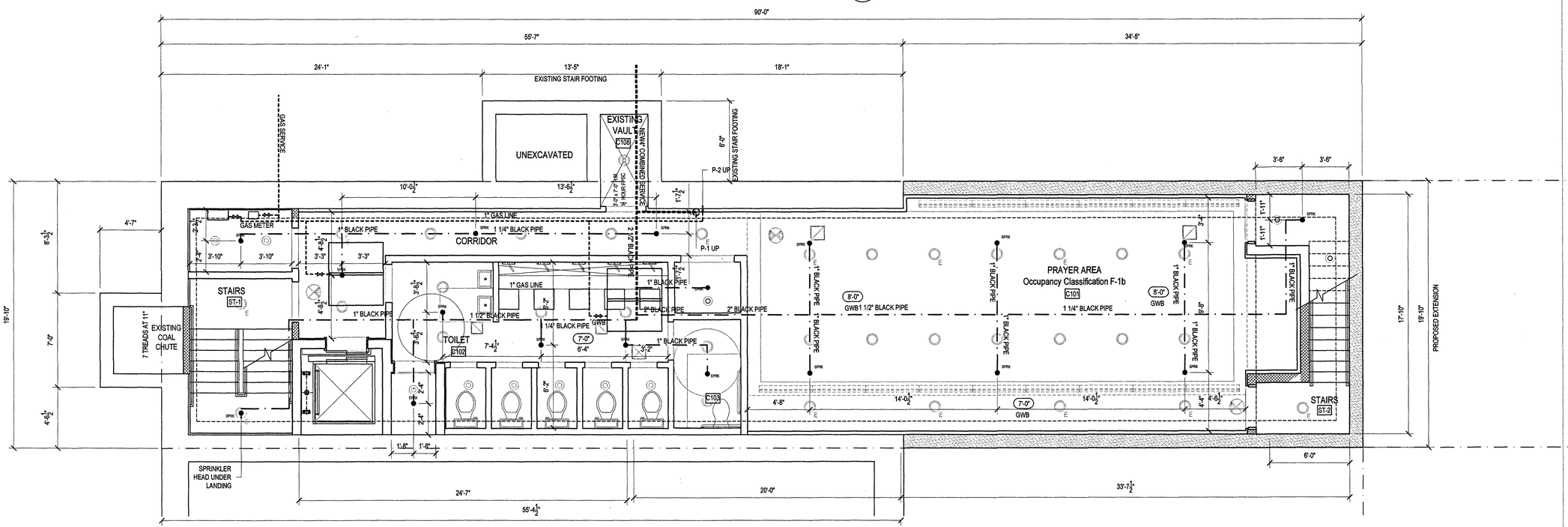
Date:
PROJECT NO.:
DRAWN BY:
CHK BY:
DWG NO.:

SP-002.00

CAD FILE No.:



2 PROPOSED BASEMENT PLAN
1/4" = 1'-0"



1 PROPOSED CELLAR MECHANICAL PLAN
1/4" = 1'-0"

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OWNER:

MICA

Murid Islamic Community in America
46 Edgecombe Avenue
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973-820-6430

ADDENDUM 1 February 29 2016

PROJECT :

TITLE:

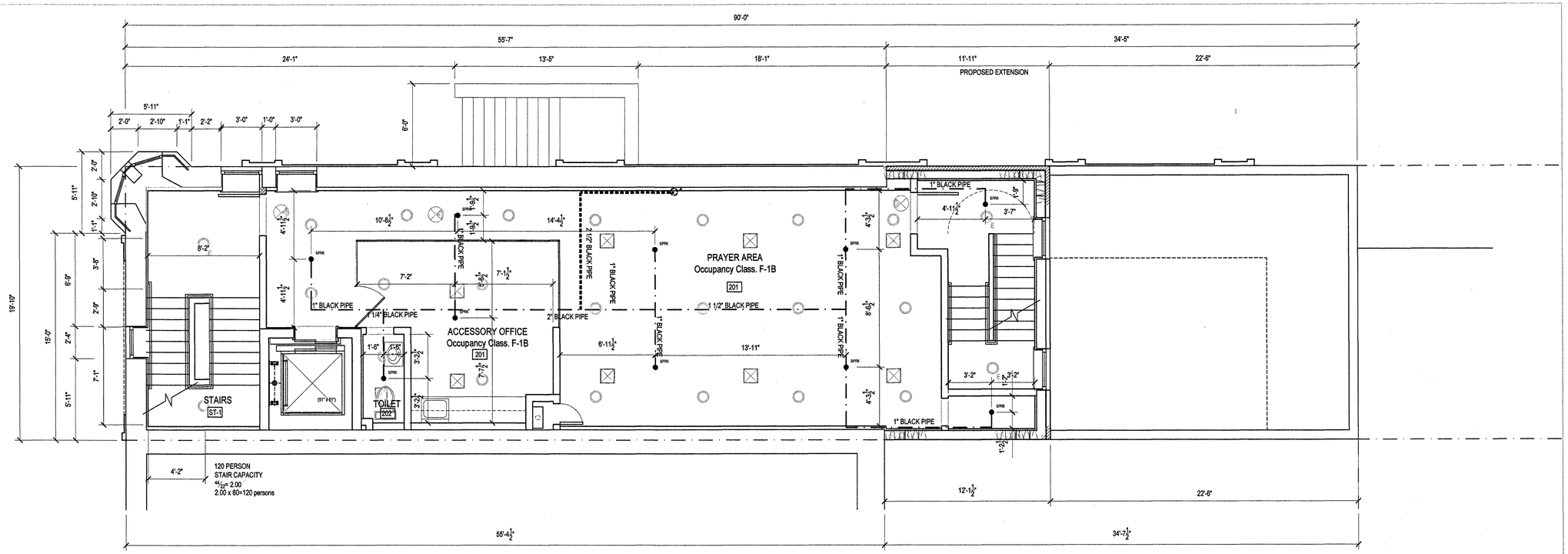
PROPOSED CELLAR / BASEMENT PLUMBING PLAN

SEAL & SIGNATURE:

Date:	
PROJECT NO.:	
DRAWN BY:	
CHK BY:	
DWG NO.:	A-002

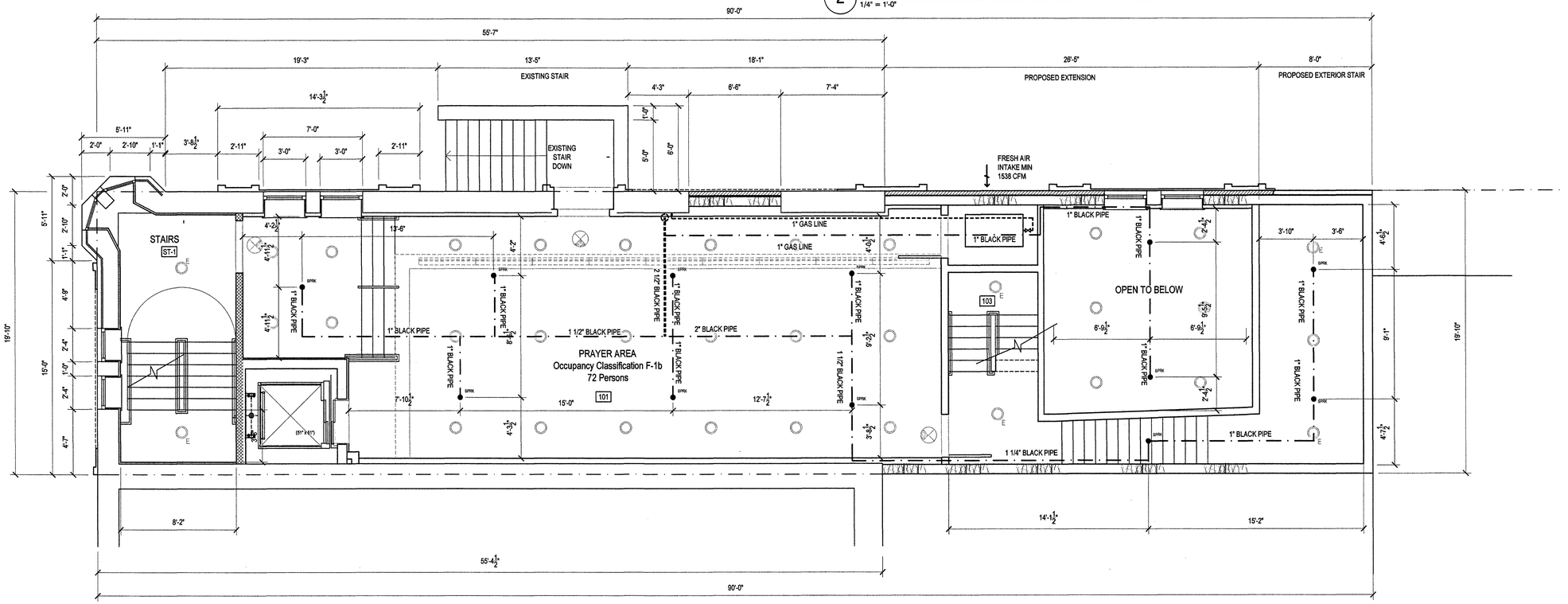
SP-101.00

CAD FILE No.: 1 of



2 PROPOSED SECOND FLOOR PLAN

1/4" = 1'-0"



1 PROPOSED FIRST FLOOR PLAN

1/4" = 1'-0"

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973-820-6430

LEGEND

- FIRE SEPARATION (2ND FLOOR ONLY) NEW / EXISTING
- PARTITIONS TO BE DEMOLISHED
- 2 HOUR RATED PARTITION
- SMOKE DETECTOR
- NEW PARTITIONS
- NEW EXTERIOR BRICK 2 HOUR RATED
- NEW LOW WALL PARTITION
- NEW CONCRETE FOUNDATION WALL
- 2 HOUR RATED PARTITIONS
- NEW EXTERIOR CONCRETE BLOCK WALL
- CARBON MONOXIDE DETECTOR
- EXISTING PARTITIONS TO BE REMAIN
- SPRINKLER HEAD

ADDENDUM 1 FEBRUARY 20, 2016

PROJECT :

TITLE:

PROPOSED FIRST AND SECOND FLOOR PLUMBING PLAN

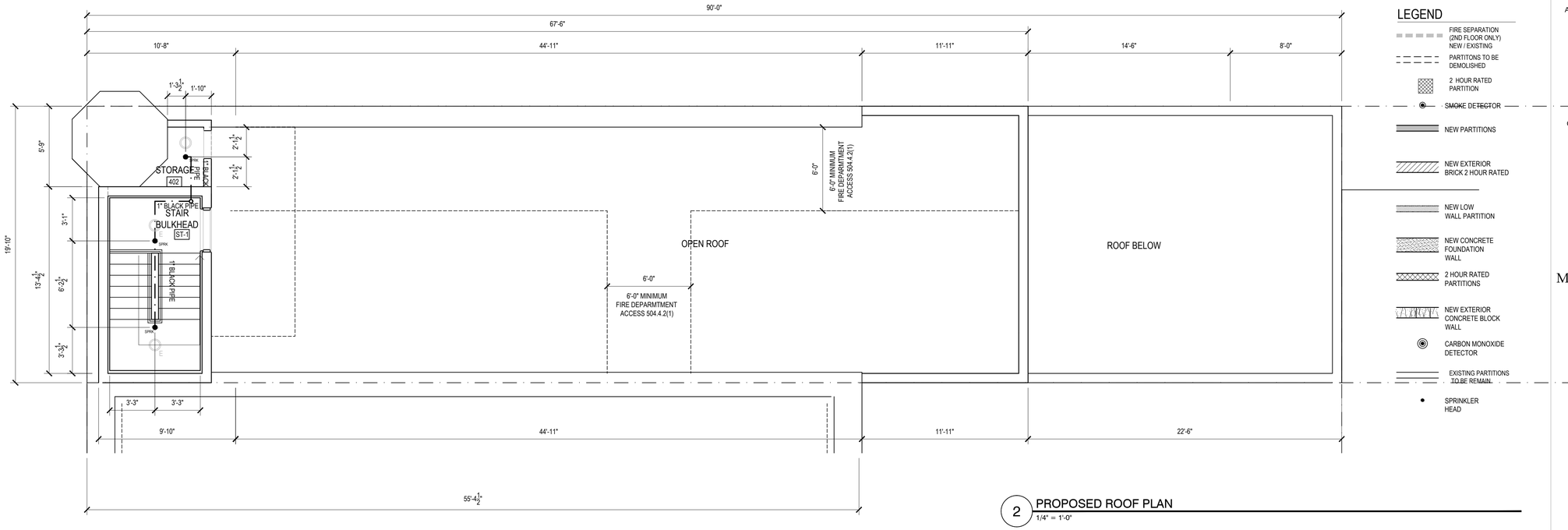
SEAL & SIGNATURE:

Date:
PROJECT NO.:
DRAWN BY:
CHK BY:
DWG NO.: A-002

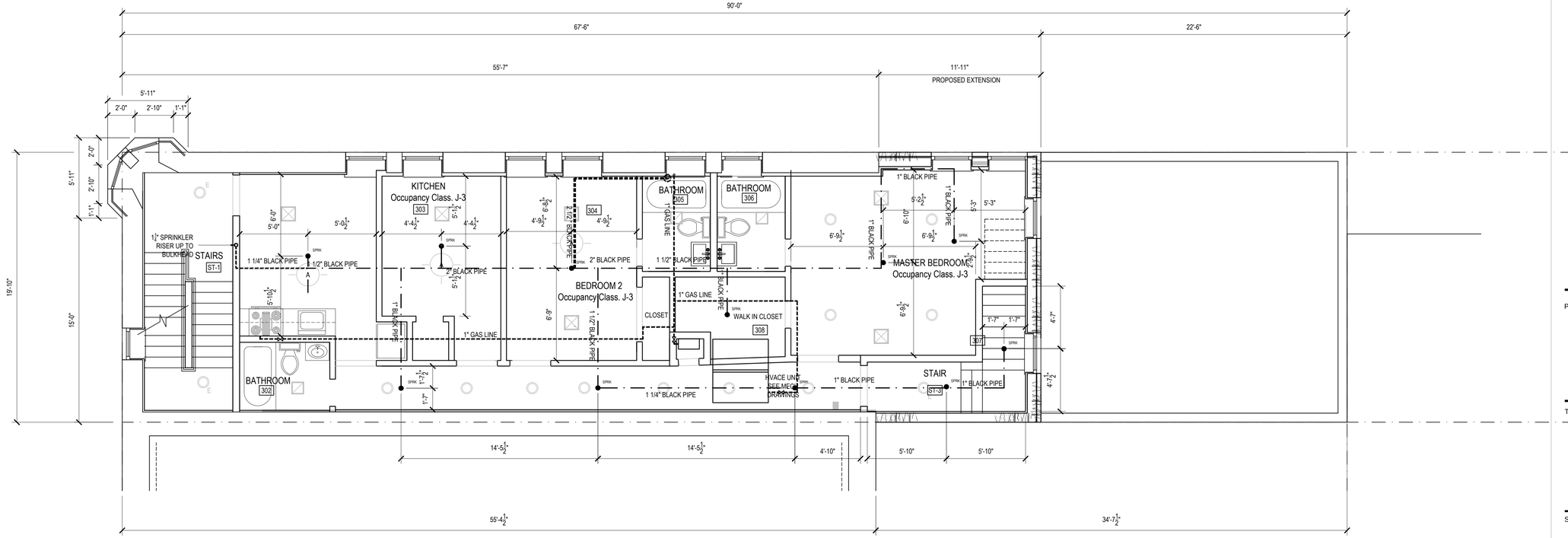
SP-102.00

CAD FILE No.:

of



2 PROPOSED ROOF PLAN
1/4" = 1'-0"



1 CARETAKER APARTMENT (THIRD FLOOR PLAN)
1/4" = 1'-0"

ARCHITECT:

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OWNER:

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973-820-6430

PROJECT :

ADDENDUM NO. 1 FEBRURY 29, 2016

TITLE:

THIRD FLOOR / ROOF PLUMBING PLAN

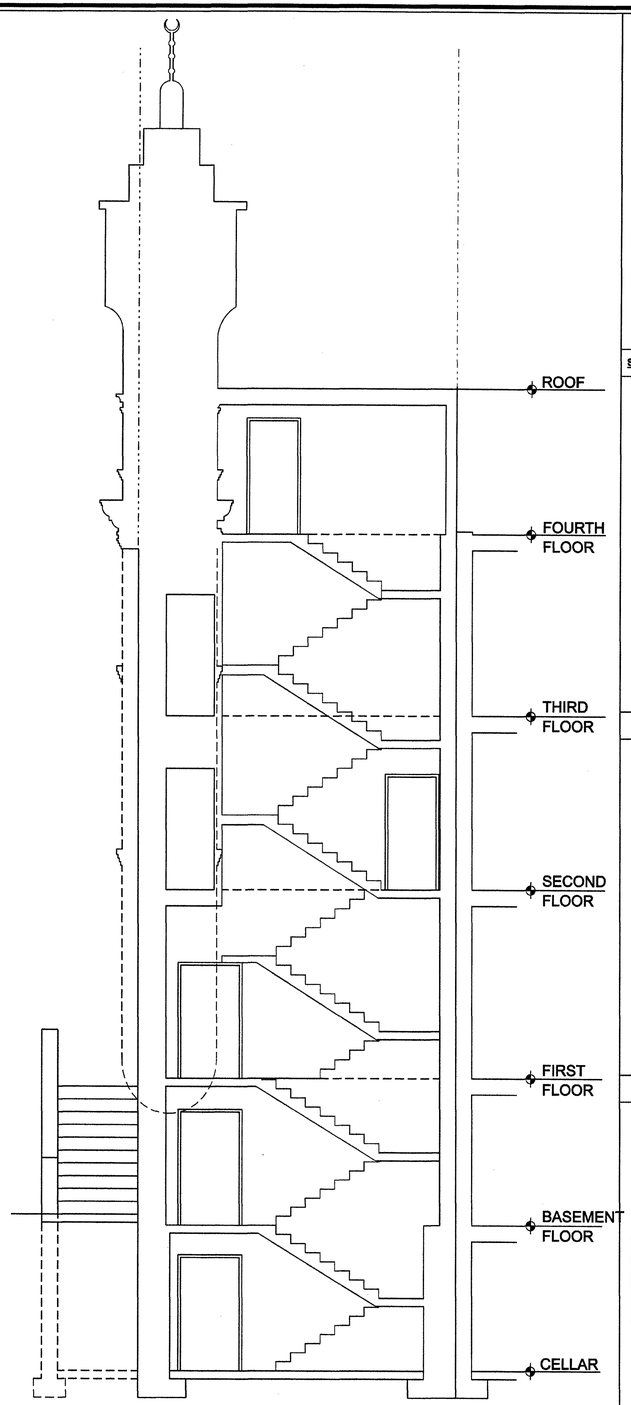
SEAL & SIGNATURE:

Date:
PROJECT NO.:
DRAWN BY:
CHK BY:
DWG NO.:

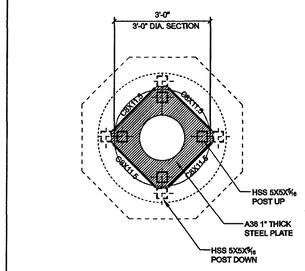
SP-103.00

CAD FILE No.:

of



MINARET ELEVATION



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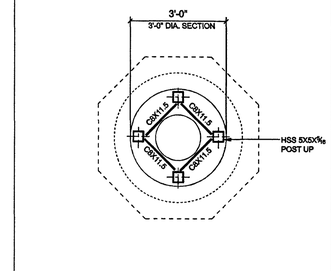

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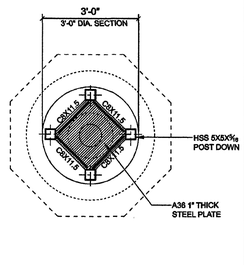

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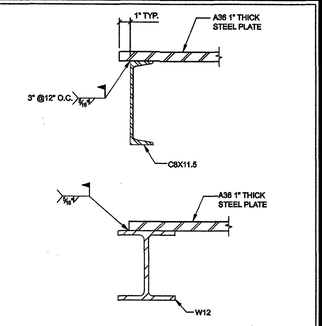
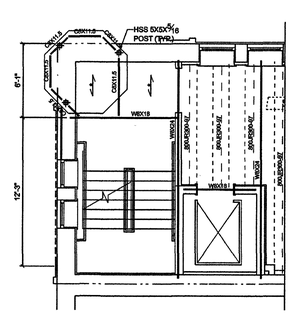
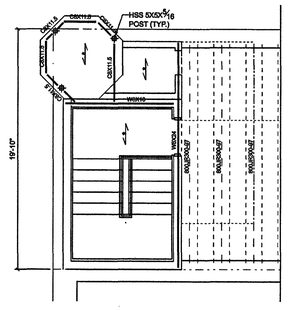


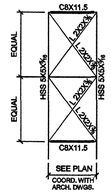
TYPICAL PLATE TO C8 DETAIL AT TRANSITION LEVEL



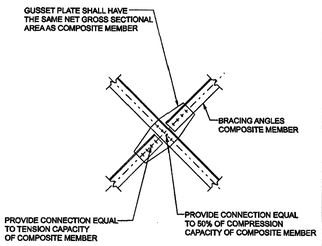
PART FIRST FLOOR FRAMING PLAN



PART ROOF FRAMING PLAN



HSS BRACING BETWEEN ELEV. 105.80 & 115.80



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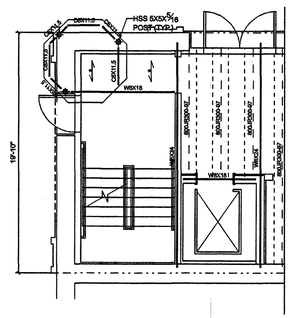
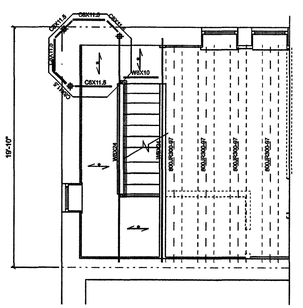
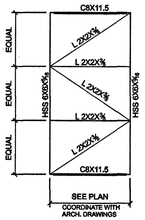


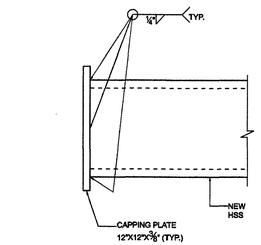
PART BASEMENT FRAMING PLAN



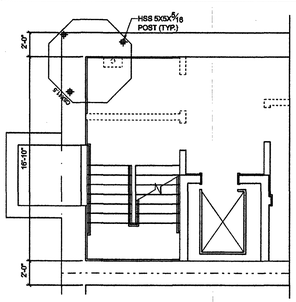
PART THIRD FLOOR FRAMING PLAN



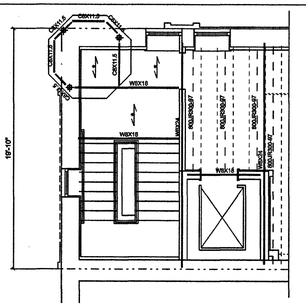
HSS BRACING BETWEEN ELEV 85.80 & 105.80



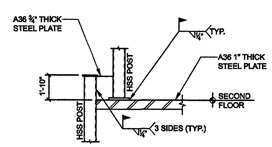
TYPICAL HSS CAP PLATE DETAIL



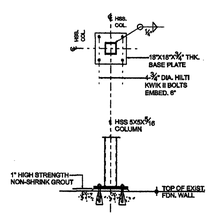
PART CELLAR PLAN



PART SECOND FLOOR FRAMING PLAN



TYPICAL HSS POST DETAIL AT SECTION TRANSITION



TYPICAL HSS POST TO FOUNDATION CONNECTION DETAIL

PROJECT:
EXTENSION TO EXISTING BUILDING CONVERSION TO COMMUNITY FACILITY
46 Edgecombe Avenue
New York, NY 10030

CLIENT:
MURID ISLAMIC COMMUNITY IN AMERICA
46 Edgecombe Avenue
New York, NY 10030
Phone: (973) 820-6430
e-mail: amb1104@aol.com

ARCHITECT:
JAMIL COPPIN, ARCHITECT, P.C.
73-09 Utopia Parkway
Fresh Meadows, NY 11366
Telephone: (718) 526-8178
Facsimile: (718) 969-0210

STRUCTURAL ENGINEER:
Structural Design Collaborative, P.E., P.C.
Structural Engineering & Inspections
165-14 CHAPIN PARKWAY
JAMAICA, NY 11432
PHONE: (718) 291-9728
FAX: (718) 883-7729
e-mail: rajautar@sdcpe.com

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PRELIMINARY FOR CONCEPT ONLY

No.	SUBMISSION/REVISION	DATE
1	ADDENDUM	2/24/2015

PROJECT NORTH
TRUE NORTH

Building Dept. Job Number:
Building Dept. BIN:

DRAWING TITLE:
MINARET
PART FRAMING PLANS
SECTIONS AND DETAILS

SEAL:
RAJ AUTAR
NEW YORK STATE P.E. LIC.No. 077192

DATE:	6.04.14
PROJECT No:	E-02414
SCALE:	AS SHOWN
DRAWING BY:	R.A.
CHECKED BY:	R.A.
DRAWING No.	S-005.00
CADD File No.	SHEET No. 5 of 5