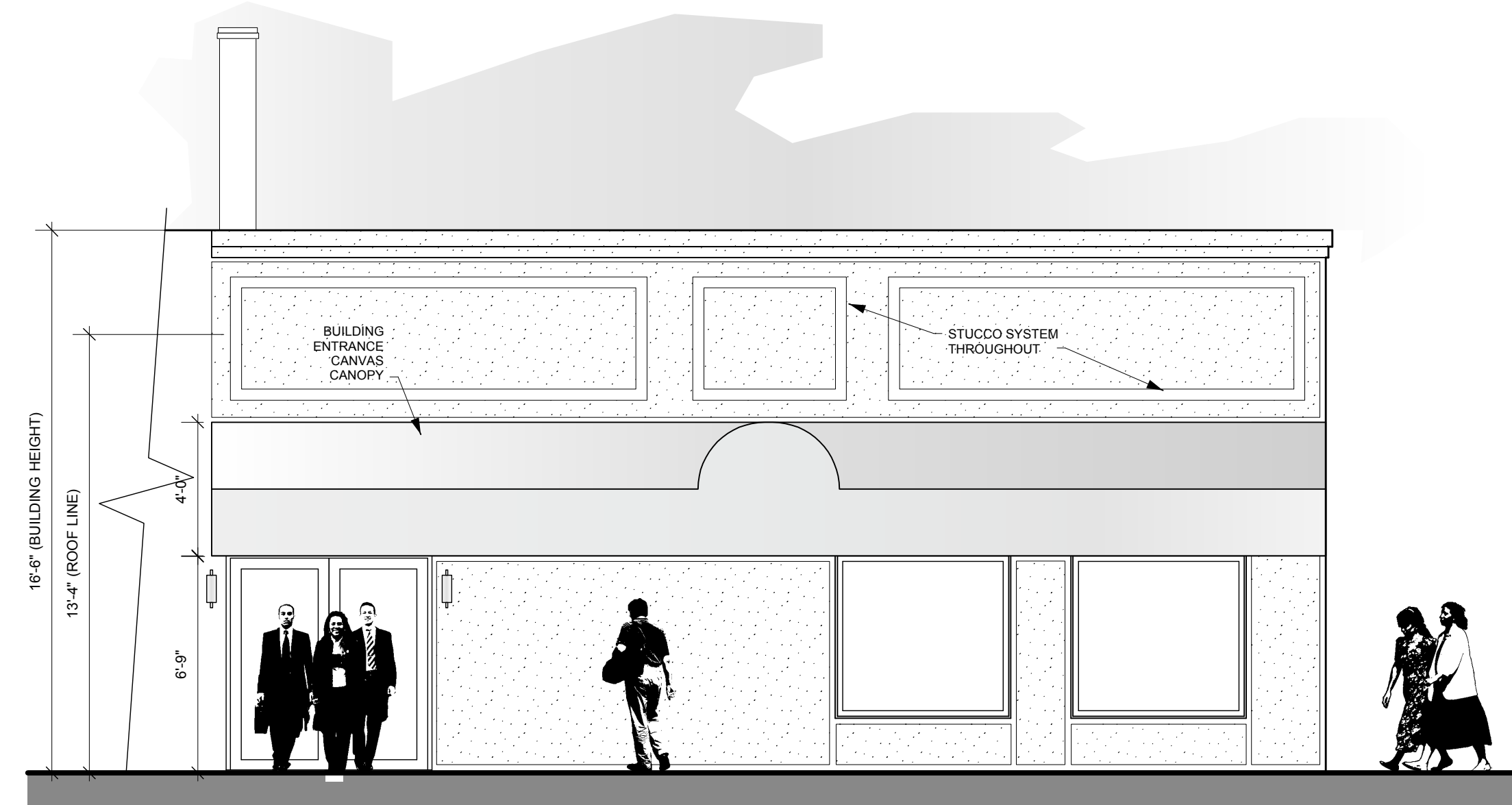
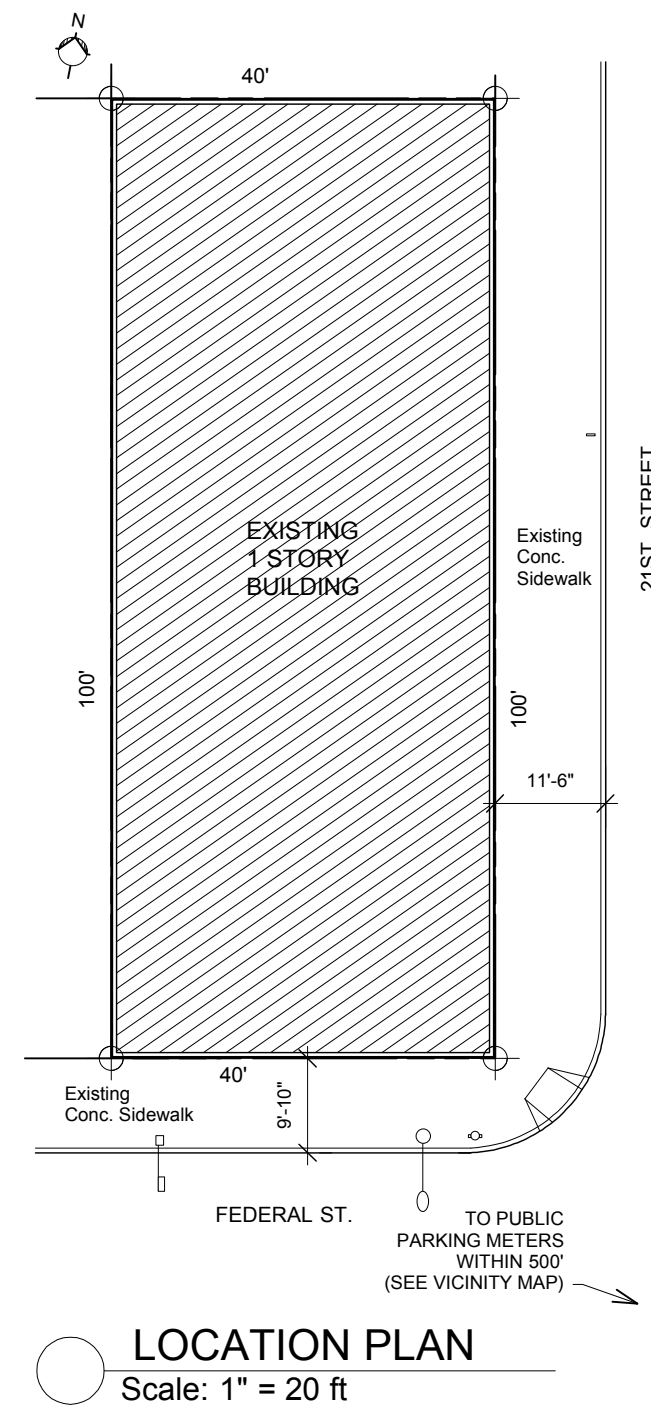


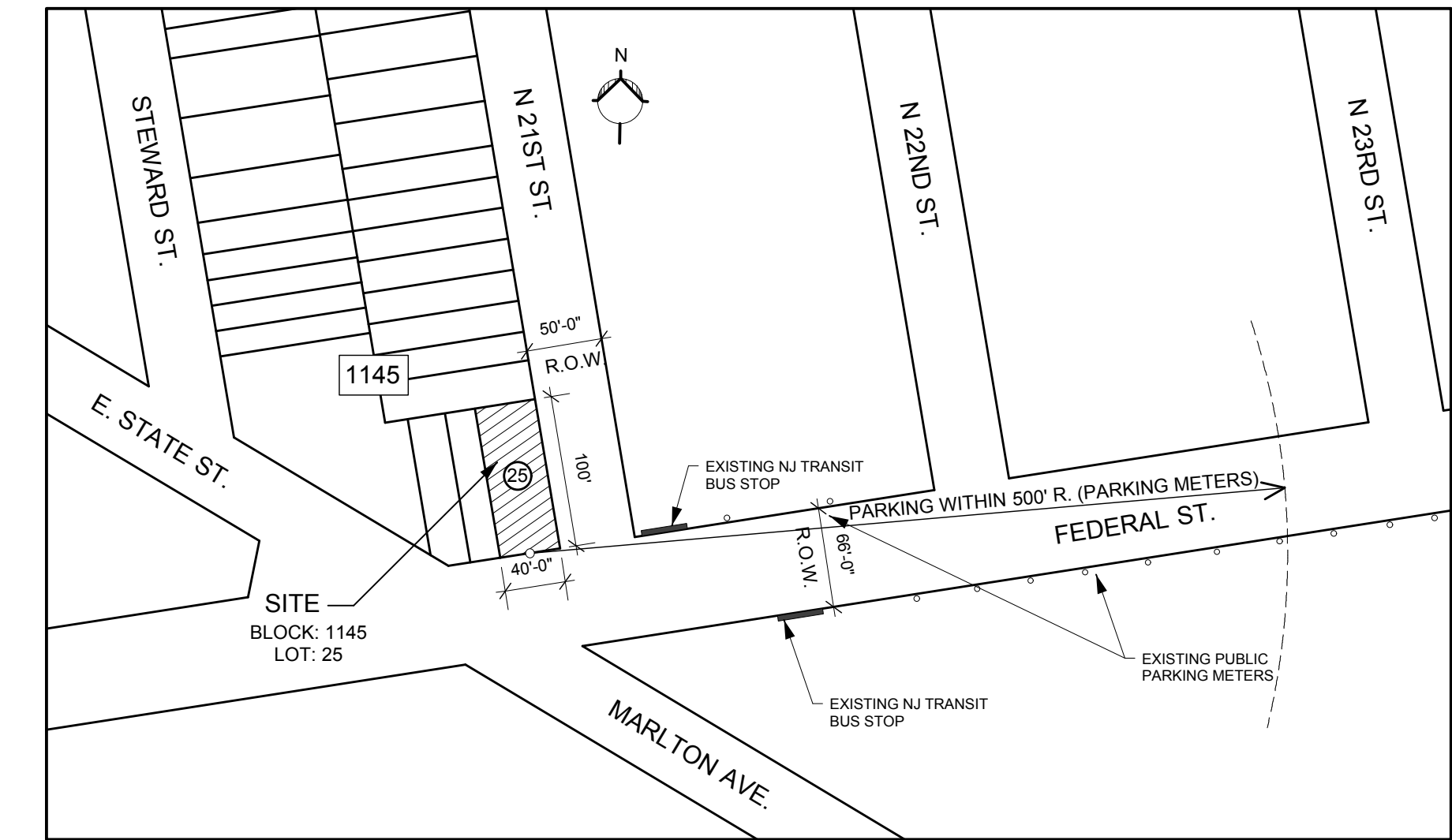
# MULTICULTURAL COUNSELING PROGRAM


**2081 Federal Street  
Camden, New Jersey**

## OFFICES INTERIOR RENOVATION

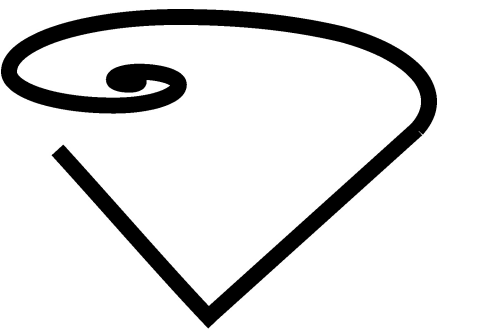


○ FRONT ELEVATION (FEDERAL ST.)  
Scale: 1/4" = 1'-0"



 **PLOT & VICINITY MAP**  
Scale: 1"= 100 ft

SOURCE: TAX MAP  
CITY OF CAMDEN  
NEW JERSEY



ARCHITECTURAL  
DESIGN  
STUDIO

Design Firm:

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Prepared for:	
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Project Title:
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MULTICULTURAL  
COUNSELING PROGRAM  
INTERIOR RENOVATION

2081 Federal St.  
Camden, New Jersey

Revision No. & Day		Description

Sheet Title:

## LOCATION, PLAN & ZONING INFORMATION

Scale: As Noted

Drawing No:

1 of 8 Total Sheets

Drawing Day:

21st of December, 2009

Project ID:

EDV-C-83-09

CAD File Name:

CAD-EDV-83-09

Drawn by:

JD

Check by:	
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EDFV

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR, AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

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AI 14152

GENERAL NOTES

1. Contractor is to verify all dimensions and existing conditions at the job site. Architect is to be notified in writing of any discrepancies. These drawings are to scale as shown, when measured the written dimensions shall prevail.
- Contractor shall submit manufacturers data, shop drawings, colors, and samples to the owner for selection and approval prior to ordering and installation.
2. Materials, assemblies and construction shall conform to the requirements of the latest construction codes as of the day of these plans as follows:
- International Building Code, New Jersey Edition (2009)
  - National Standard Plumbing Code (2006)
  - National Electrical Code (2008)
  - International Energy Conservation Code (2006)
  - Rehabilitation Subcode
  - Accessible and Usable Buildings and Facilities (ICC/ANSI 117.1, 2003)

- Contractors shall submit all compliance data related to materials and assemblies as part of the project construction permits.
3. In absence of soil bearing data, soil bearing is assumed to be 2,000 PSF. Architect is to be notified in writing in the event soil bearing is found to be lower.
4. All concrete masonry units shall comply with ASTM C-90 and Portland cement shall comply with ASTM C-150, type-1. Fill all top courses solid.
5. All concrete shall be 3,000 PSI at 28 days and shall comply with ACI-318 (latest addition) and ASTM-694. Concrete exposed to weathering and garage slabs shall be air entrained a min. 5% and a max. 7% and shall contain a min. cement content of 520 lbs. meeting ASTM C-150 or C-165, per cubic yard.
6. All reinforcing steel shall comply with ASTM A-615, Fy=40,000.
7. Dimensional framing lumber not exposed to weather shall be Hem Fir No. 2 or better, modulus of elasticity "E"=1,300,000, a base fiber stress bending "Fb"=850 PSI and a horizontal shear stress "Fv"=70 PSI, except studs may be Spruce Pine Fir Stud Grade. No utility grade or non stress grade lumber may be used for structural purposes.
8. Dimensional framing lumber exposed to weather shall be preservative treated Southern Yellow Pine No. 2 or better, modulus of elasticity "E"=1,600,000 PSI and base fiber stress in bending "Fb"=950.
9. Engineered lumber designated PSI, shall be LVL= "Truss Joist" or equal. Parallel strand lumber with a modulus of elasticity "E"=2,000,000 PSI, a flat stress in bending "Fb"=2,900 PSI, and a horizontal shear stress "Fv"=230 PSI. Contractor shall refer final specs recommendations and methods of installation to the Manufacturer's Manuals and Guidelines. All product specs on these plans shall be referred to Manufacturer's recommendations.
10. All electrical work shall be performed by a licensed electrician.
11. All plumbing work shall be performed by a licensed plumber.
12. Architect is not retained for any on site supervision or contract administration.
13. All work is to be performed in the highest standards of the trades.
14. Contractor to comply to all State and Local Ordinances. Contractor shall procure all necessary approvals, permits, inspections, and licenses, and shall pay all fees required.
15. All dimensions shall be approved by the Owner prior to construction prior to commencement of work.
16. It shall be the responsibility of the General Contractor to coordinate all work with the structural, mechanical, electrical and other consultants. The General Contractor to submit a new layout if it becomes necessary for approval.
17. All demolition shall be approved by the Owner prior to commencement of any work.
18. Protect all existing work as new work progresses.
19. Protect all existing construction that is to remain.
20. Support all work as new work progresses.
21. The contractor shall familiarize himself with all existing conditions at the job site prior to the start of any work.
22. Match existing work where indicated to the same dimensions and consistency as that which exists.
23. Replace and/or patch deficient substrate as uncovered or as directed by Architect, Engineer, Construction Official or Owner.
24. Contractor is to provide access panels as required, needed or directed by Architect, Engineer, Construction Official or Owner.
25. Contractor and/or Owner shall provide for the safety of all job related personnel as well as the General Public.
26. Existing walls, floors and ceilings to remain as requirements dictate.
27. Provide double joists under all parallel walls, tubs, cabinet edges, and header bearing @ openings over 3'-0" wide.
28. All joist shall be provided with wood or metal diagonal bracing or solid wood bracing (1) row for a span up to 12' or (2) rows for up to a span of 16', (3) rows for a span up to 20'. Ceiling joist may be tied with plywood or strong backs at three points.
29. All exterior lumber exposed to weathering, all foundation sill plates and all wood in contact with concrete slabs or grade shall be preservative treated al fasteners shall be hot dipped galvanized.
30. Fire stop all soffits, walls, chases and concealed spaces.
31. Gypsum wall board shall have a minimum thickness of 1/2" (UNO). All gypsum wall board in bathrooms and wet areas shall be moisture resistant type.
32. Access: provide a minimum 22" x 30" attic access and a minimum 18" x 24" crawl space access (UNO).
33. Contractor shall provide a post and braces to accommodate the Architects job sign at a location to be determined by the Architect.
34. Egress Windows: every bedroom shall have at least one window that meets the following: Shall have net clear open area of 5.0 sq. ft. on the ground floor and 5.7 sq. ft. on upper floors. Shall have a minimum net clear open height of 24". Shall have a minimum net clear open width of 20". Bottom of window opening shall not be higher than 44" above finish floor.
35. Structural design data.
- |                      | Floor | Roof     |
|----------------------|-------|----------|
| Live Load 100# s.f.  |       | 20# s.f. |
| Dead Load 10# s.f.   |       | 10# s.f. |
| Total Load 110# s.f. |       | 30# s.f. |
- Wind Load 15# s.f.
- Snow Load 20# s.f.
36. Stair treads and risers: the maximum riser height shall be 7" and shall be solid, the minimum tread depth shall be 11" (measured between tread nosings). Treads shall have 1" nosings. Treads and risers shall be dimensionally uniform to a tolerance of 3/16" between any adjacent treads or risers or 3/16" between any two treads or risers in a flight of stairs.
37. Handrails: all stairs with more than two risers shall have at least one handrail. Handrail grip size within a dwelling unit shall shall be 2 5/8" maximum cross sectional dimension. Handrails shall be located 34" to 38" above stair nosings. Handrails shall have a minimum 1 1/2" clearance from adjacent wall or other surfaces and shall not project more than 4 1/2" into required stair width.
38. Guard rails: all open sided walking surfaces over 30" above ground level shall have guard rails at 34" minimum above stair nosings. Guard rails shall not allow a sphere of 4" to pass through except that the triangular area between the bottom of a guard rail and stair treads and risers shall not allow a sphere of 6" to pass through.

- Change orders or extras are allowed unless expressed consent from the Owner or his/her representative, as well as extra work in this project.
- The joints of the wall board shall be taped and provided with one layer of spackle.
- Girders consisting of a minimum of (3) 2x10 need no protection, smaller members, engineered lumber girders or steel girders shall be encased in a minimum two layers of 5/8" type x gypsum wall board. Base layer is required to be secured with a minimum of 1" screws at 12" o.c. and the face layer is required to be secured with a minimum of 1 5/8" screws at 12" o.c. The face layer shall be provided with tape and one layer of spackle.

ELECTRICAL NOTES

1. The contractor is responsible for all work, material and labor to satisfy a complete and working system whether specified or implied.
2. The contractor shall secure all permits and applications and shall pay any associated fees.
3. The contractor shall verify the exact location of all new equipment with the Owner's agents.
4. Electrical contractor to make all electrical connections to equipment supplied by others.
5. All work shall be in accordance with the latest National Electric Code as adopted and modified by the New Jersey Uniform Construction Code.
6. The Electrical contractor is responsible for coordination with all other trades and for procurement of all required inspections. No work shall be closed in until inspected and approved.
7. Contractor to confirm exact location of meters with the electrical utility company. Contractor to provide and install all wiring, troughs, meter sockets, hubs and connections in accordance with the utility company. Contractor shall upgrade wiring system as required.
8. Contractor is responsible for the complete fire detection system.
9. Contractor shall install all wiring, panels, controls, switches and light fixtures as indicated on the drawings or otherwise called for.
10. No circuit shall be smaller than 15 amps with #14 Awg and no more than 14 KVA connected load. Connected loads shall be as evenly distributed as possible among circuits.
11. Home run circuits more than 75 feet from the panel board shall be #10 Awg or larger as required to limit voltage drop to 2% maximum.
12. Steel reinforcement system in continuous footings shall be electrically bonded with a #4 copper wire and shall return to the main service ground.
13. All materials shall be of a domestic manufacturer.
14. All switches shall be silent.
15. Contractor shall verify the capacity of the existing system before final bid and shall repair/replace as required.
16. Provide a type directory of all equipment that each circuit controls.
17. Outlet boxes and switches: where multiple devices are mounted together, a gang box shall be used with suitable gage cover.
18. Provide ground fault interrupter to all receptacle outlets at bathrooms, kitchens, basements, garages and exterior locations. Bathroom GFI and Kitchen GFI receptacles shall be on dedicated circuits. 20 amp, #12 wire min.
19. Method of bonding: All metal parts associated with the spa or hot tub shall be bonded by a copper bonding jumper, insulated, not smaller than a No. 8 solid.
20. Provide a copy of any Underwriters Certificates and operational manuals to the Owner upon completion of work.
21. Smoke detectors shall be 110v interwired interconnected with battery backup. Smoke detectors shall be installed in every sleeping rooms.
22. Provide Nail Plate @ wall studs where required.
23. All fire safety alarm devices shall be interconnected throughout a central station.
24. Contractor shall verify that existing service is 200 Amps.

All electrical work shall be done by an Electrician licensed to do work in the State of New Jersey.

PLUMBING NOTES

1. All work to be performed in strict compliance with the latest edition of the National Standard Plumbing Code as adopted and modified by the New Jersey Uniform Construction Code.
2. Furnish all labor, materials and equipment necessary for a complete execution of all plumbing and related work indicated within the construction documents, in order to satisfy a complete and working system whether specified or implied.
3. Contractor shall secure all required permits and applications and pay any associated fees.
4. Provide connection to existing domestic water system (where applicable). Provide all necessary valves and fittings, etc.
5. Where applicable provide connection to existing sewerage disposal system, and alterations as may be necessary.
6. Where applicable provide connections to existing sanitary drainage system including all soil, waste and vent piping, and connection to all fixtures and equipment. All waste piping to be ABS plastic or no hub cast iron.
7. Complete domestic hot and cold water distribution systems, including water heater and connections to all piping and fixtures. All supply piping shall be type L copper tubing. Provide shut off valves at all fixtures and provisions to prevent water hammer.
8. Furnish and install all fixtures indicated in the construction documents.
9. All hot water piping shall be insulated with a minimum one inch fiberglass jacketed insulation, cold water piping with 1/2" foam insulation, with a maximum flame spread rating of 25 and maximum smoke developing rating of 50 (ASTM E84). Insulate hot water pipe on lavatory.
10. Plumbing system shall be cleaned, flow and pressure tested in accordance with adopted code procedures and standard practice.
11. Provide all excavation, backfilling, cutting, patching and supports for all pipe lines as required. All penetrations of building foundation walls, shall be sleeved. No penetration of footings shall be allowed.
12. The contractor shall guarantee that all materials and equipment furnished by him shall be free from defects and shall function properly for a period of at least one year from the date of acceptance. All materials shall be of first quality and of domestic manufacture.
13. All plumbing work shall be done by a plumber licensed to do work in the state of New Jersey.
14. All natural gas piping shall be in accordance with AGA standards.
15. Water closets shall be 1.6 gallons maximum.
16. Floor drains shall be self priming or 4" deep seal trap type.

17. Hot water heater shall be 110 degrees F, maximum water temperature. The Water Heater shall be equipped with a tempering valve.
18. Provide 110 degrees F, maximum temperature control faucets on all lavatories.
19. Water heaters shall be equipped with vacuum relief on cold water lines and overflow drain and pan if located above floor level.

HVAC NOTES

1. All work to be performed in strict compliance with all applicable codes and standards adopted by the New Jersey Uniform Construction Code, including the latest edition of the International Mechanical Code.
2. The contractor is responsible for a complete and working system whether specified or implied.
3. The contractor shall secure all permits and applications and pay any all associated fees.
4. Contractor shall provide and install disconnect switches on all condensers and motors.
5. Smooth turn radius ductwork and turning vanes shall be used throughout where flow exceeds 500 CFM.
6. Contractor shall provide and install disconnect switches on all condensers and motors.
7. HVAC subcontractor shall coordinate with General Contractor to provide for required openings in walls and floors for duct work.
8. All exterior wall openings shall be properly caulked and sealed with a sealant of high quality and long life, to prevent outside air infiltration.
9. Exhaust fans to be provided and installed by contractor, including all necessary duct work, back draft dampers, caps, scooters and related hardware.
10. HVAC contractor to coordinate with the Electrical contractor for wiring of the HVAC equipment.
11. HVAC contractor to coordinate with General Contractor for required underlayment of doors and AT WALLS AND CEILING.
12. All duct joints to be sealed in accordance with manufacturers instructions and accepted gage practice.
13. HVAC contractor to coordinate with General Contractor to enclose all duct, and condensate drains as required.
14. Contractor shall provide and install refrigerant piping in accordance with manufacturers recommendations and in a way so as to be inconspicuous and free from possible condensation. Contractor shall be licensed to install refrigerant piping.
15. Provide and install flashing at all penetrations.
16. Contractor shall be careful so as not to collapse or kink flexible ducts.
17. All branch ducts shall have volume dampers.
18. All main ducts shall have metallic with flexible duct whips to diffusers or return air grilles not to exceed 8 ft. All ducts shall conform to UL 181.
19. All sheet metal duct joints to be sealed and taped.
20. Exposed refrigerant piping shall be enclosed in wood or steel and finished to match adjacent materials to prevent physical damage.
21. Provide 4" concrete or prefabricated pads for condenser units where applies
22. Do not scale this drawing. For exact dimensions, verify all conditions, dimensions, etc., at the job site.
23. Architects HVAC plans are schematic only. HVAC contractor shall submit all required layouts and calculations for local enforcing agency review as part of permit application.
24. All ducts shall have a maximum flame spread rating of 25 and a maximum smoke development rating of 50 in accordance with ASTM E84.
25. HVAC design criteria shall be as follows:
- 90 annual degree days of 4500
  - Winter outdoor design temperature of 14 degrees F.
  - Winter indoor design temperature 70 degrees F.
  - Summer outdoor design temperature of 90 degrees F. (drybulb)
  - Summer outdoor design temperature 78 degrees F. (wetbulb)
  - Summer indoor design temperature 78 degrees F.
  - 26. All work performed under this contract shall be guaranteed against defects in workmanship for a minimum period of one year from the date of installation.
  - 27. Contractor shall provide automatic flue dampers on all boiler and furnace flues.
  - 28. Contractor shall verify capacity of all existing equipment (when applicable) prior to bidding.
  - 29. All branch ducts shall have volume dampers positioned so that the may be viewed from the floor.
  - 30. Maintain minimum clearances between supply air ducts and combustible materials as required by the duct manufacturer.
  - 31. All HVAC units shall be mounted on vibration isolator pads.
  - 32. All natural gas piping shall be in accordance with AGA standards.
  - 33. Provide smoke detector in supply air duct with air volume over 200 CFM. Activation of detector shall shut down the entire air distribution system. Smoke detectors shall be located downstream of any filters and ahead of any branch ducts.
  - 34. Duct work in unheated non-insulated areas shall be wrapped in a minimum R-6 insulation.
  - 35. Contractor shall submit copies of manufacturers specifications and installation manuals for local enforcing agency review.
  - 36. Equipment vents or exhausts shall be located a minimum of 10 ft. from any operable windows, doors, or fresh air intakes.
  - 37. Contractor shall check and verify the existing HVAC system, including ductwork, and upgrade according to latest codes. The layout and HVAC notations are diagrammatic; the contractor shall submit final shop drawings for review and approval.

DOORS, WINDOWS, AND GLASS

1. REFERENCE STANDARDS FOR WOOD DOORS AND WINDOWS SHALL BE AS FOLLOWS:
- A. UNDERWRITERS LABORATORY, INC.: BUILDING MATERIALS DIRECTORY
  - B. NATIONAL FIRE PROTECTION ASSOC.: PAMPHLET NO. 80 STANDARD FOR FIRE DOORS AND WINDOWS.
  - C. NATIONAL WOODWORK MANUFACTURER'S ASSOCIATION: I.S., 1078: WOOD FLUSH DOORS.
  - D. ASTM E283 ASTM E 331
2. GLAZING IN LOCATIONS WHICH MAY BE SUBJECT TO HUMAN IMPACT SUCH AS FRAMELESS GLASS DOORS, GLASS ENTRANCE AND EXIT DOORS, FIXED GLASS PANELS SLIDING GLASS DOORS, SHOWER DOORS, TUB ENCLOSURE AND STORM DOORS SHALL MEET THE REQUIREMENTS SET FORTH IN THE B.O.C.A. CODE AND THE SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS (28 CFR 1201). ALL GLAZED PANELS LOCATED WITHIN 12" OF A DOOR WHICH MAY BE MISTAKEN FOR OPENINGS FOR HUMAN PASSAGE UNLESS SUCH PANELS ARE PROVIDED WITH A HORIZONTAL MEMBER 1 1/2" MINIMUM IN WIDTH LOCATED 24" AND 36" ABOVE THE WALKING SURFACE. SHALL BE TEMPERED GLASS AND ALL FIXED SINGLE GLAZED WINDOWS OR DOORS WHICH EXCEED 9 SQ. FT. OR WITHIN 18" ABOVE FINISHED FLOOR. THESE STANDARDS ALSO APPLY TO SHOWER ENCLOSURES AND WINDOWS ADJACENT TO BATHTUBS AND SHOWERS.
3. ALL DOORS AND WINDOWS OPENING TO THE EXTERIOR OR TO UNCONDITIONED AREAS SHALL BE FULLY WEATHER STRIPPED, GASKETED OR OTHERWISE TREATED TO LIMIT AIR INFILTRATION. ALL MANUFACTURED WINDOWS AND SLIDING GLASS DOORS SHALL MEET THE AIR INFILTRATION STANDARDS OF THE 1972 AMERICAN NATIONAL STANDARDS INSTITUTE ASTM E283-73 WITH A PRESSURE DIFFERENTIAL OF 1.57 POUNDS PER SQ. FT. AND SHALL BE CERTIFIED AND LABELED.
4. PROVIDE WEATHERPROOF THRESHOLD AT ALL EXTERIOR SWING DOOR.
5. PROVIDE DOORS, WINDOWS AND GLAZING PER DRAWINGS AND BUILDER'S SPECIFICATIONS.
6. WINDOWS SHALL BE AS PER BUILDER'S SPECIFICATIONS. INSTALL AS PER MANUFACTURERS SPECIFICATIONS. SIZES INDICATED ARE AS PER MANUFACTURER.

FINISHES

1. PROVIDE AND INSTALL GYPSUM WALLBOARD IN ACCORDANCE WITH "AMERICAN STANDARD SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM WALLBOARD", AS APPROVED BY THE AMERICAN STANDARDS ASSOCIATE, LATEST EDITION; APPLICABLE PARTS THEREOF ARE HEREBY MADE A PART OF THIS SPECIFICATION EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE CALLED FOR IN THIS SPECIFICATION. UNLESS OTHERWISE SPECIFIED, THE FINISHER OF THE GYPSUM WALLBOARD, WHOSE REQUIREMENTS SHALL BE FOLLOWED.
2. APPLICATION OF PAINT OR OTHER COATING SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. READY MIX PAINT SHALL NOT BE THINNED, EXCEPT AS PERMITTED IN THE APPLICATION INSTRUCTIONS.
3. ALL INTERIOR SURFACES SHALL RECEIVE THE PAINTER'S FINISH EXCEPT COLOR COORDINATED FACTORY FINISH SURFACES. TOP AND BOTTOM OF ALL DOORS TO BE SEALED AND PAINTED.
4. ALL SURFACES TO BE FINISHED SHALL BE CLEAN AND FREE OF FOREIGN MATERIALS (DIRT, GREASE, ASPHALT, RUST, ETC.)
5. APPLICATION SHALL BE IN A WORKMANLIKE MANNER PROVIDING A SMOOTH SURFACE. APPLICATION RATE SHALL BE THAT RECOMMENDED BY THE MANUFACTURER APPLICATION MAY BE BY BRUSH, ROLLER, OR SPRAY IF PAINT IS SPECIFICALLY FORMULATED FOR SPRAY APPLICATION.
6. INTERIOR PAINT SHALL BE AS PER BUILDER'S SPECIFICATIONS.
7. PROVIDE PAINT AND STAIN PER BUILDER'S SCHEDULE AND SPECIFICATIONS.
8. PROVIDE INTERIOR SURFACE FINISH PER BUILDER'S SCHEDULE AND SPECS.
9. PROVIDE FLOORING AND WALL BASE PER BUILDER'S SCHEDULE AND SPECIFICATIONS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
10. PROVIDE AND INSTALL MOISTURE-RESISTANT GYPSUM WALLBOARD, TYPE VII GRADE W OR X AS REQUIRED, CLASS 2 1/2" THICK, AT ALL RESTROOM SHOWER ENCLOSURE AND AT WALLS AND CEILING.
11. PROVIDE CERAMIC TILE AND ACCESSORIES COMPLYING WITH TILE COUNCIL OF AMERICAN SPECIFICATION 137.1 IN COLORS AND PATTERNS SELECTED BY THE BUILDER FROM STANDARD COLORS AND PATTERNS OF THE APPROVED MANUFACTURERS.

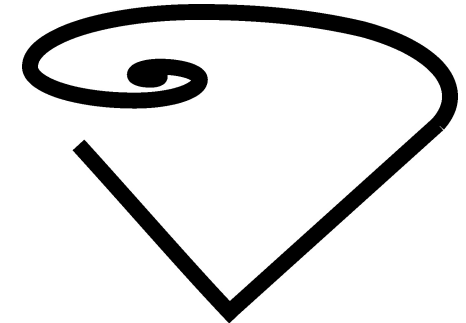
12. INSTALL CERAMIC TILE IN COMPLIANCE WITH PERTINENT RECOMMENDATIONS CONTAINED IN THE TILE COUNCIL OF AMERICA "HANDBOOK FOR CERAMIC TILE INSTALLATION" AND MANUFACTURER'S PRINTED INSTRUCTIONS.
13. SETTING MATERIAL MAY BE EITHER DRY SET MORTAR IN COMPLIANCE WITH ANSI A118.1 AND A118.2 OR ORGANIC ADHESIVE IN COMPLIANCE WITH ANSI A138.A USING TYPE I WHERE EXPOSED TO PROLONGED WATER PRESENCE AND USING TYPE II AT ALL OTHER LOCATIONS.

CONCRETE

1. ALL CONCRETE SHALL BE READY-MIX, HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS, HAVE A MINIMUM OF 600 LBS. OF CEMENT PER CUBIC YARD, ALL CONCRETE SHALL HAVE A MAXIMUM WATER-CEMENT RATIO OF 0.45 BY WEIGHT.
2. ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE ACI BUILDING CODE (ACI 318), THE ACI DETAILING MANUAL (ACI 315), AND THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301).
3. ALL REINFORCING STEEL SHALL BE MANUFACTURED TO HIGH STRENGTH BILLET STEEL CONFORMING TO ASTM DESIGNATION A-615 GRADE 60. W/FW SHALL COMPLY WITH ASTM A-185, THE ACI DETAILING MANUAL (ACI 315).
4. LAP ALL BARS MINIMUM 40 DIAMETERS. LAP ALL W/FW A MINIMUM OF 6 INCHES.
- MASONRY NOTE
- MASONRY WALLS SHALL BE CONCRETE BLOCK. ALL BLOCK BELOW GRADE AND ABOVE GRADE SHALL HAVE MORTAR TYPE S OR M. MASONRY MATERIAL SHALL BE STORED IN A NEAT MANNER HIGH AND DRY FREE FROM ALL FOREIGN MATERIALS AND PROTECTED FROM MOISTURE.
1. MASONRY UNITS SHALL BE TYPE N-1 ASTM ASTM C-75 (SOLID) BELOW GRADE ASTM C-75 (HOLLOW) ABOVE GRADE. ALL CMU SHALL BE LAID IN A FULL BED OF MORTAR.
2. FOLLOWING ARE THE BLOCK STRENGTHS REQUIRED:
- A. ASTM C-75 (SOLID) 1,800 PSI ON GROSS AREA OF INDIVIDUAL UNITS.
  - B. ASTM C-75 (SOLID) 1,800 PSI ON NET AREA OF INDIVIDUAL UNITS.
3. ALL MORTAR SHALL BE TYPE S IN ACCORDANCE WITH ASTM SPECIFICATION C-270, WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. OF MORTAR.
4. GROUT SHALL BE A HIGH SLUMP MIX IN ACCORDANCE WITH ASTM SPECIFICATION C476. HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
5. LAID UP MASONRY STRENGTH F/W SHALL BE 1,250 PSI FOR ALL CONCRETE MASONRY.
6. ALL CONCRETE MASONRY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES ACI 530.1-95/ASCE 5-95/TMS 402-99" AND "SPECIFICATIONS FOR MASONRY STRUCTURES ACI 503.1-95/ASCE 6-95/TMS 602-95".
7. PROVIDE HOT-DIPPED GALVANIZED TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT (MIN. 9 GA) AT 16" ON CENTER VERTICAL. IN ALL MASONRY WALLS. SPACE HORIZONTAL JOINT REINFORCEMENT AT 8 INCHES ON CENTER IN ALL PARAPETS. USE SHOP FABRICATED SPECIAL PIECES AT ALL CORNERS AND TEES.

THERMAL AND MOISTURE PROTECTION

1. THE FOLLOWING SPECIFICATIONS SHALL GOVERN WITH MODIFICATIONS AS SPECIFIED HEREIN: AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS (ASHRAE) HANDBOOK FUNDAMENTALS.
2. INSTALL FLASHING AND SHEET METAL IN COMPLIANCE WITH "ARCHITECTURAL SHEET METAL MANUAL" BY SMACNA.
3. ALUMINUM FLASHING SHALL CONFORM TO ASTM B 209, AND BE MINIMUM 0.016" THICK STANDARD BUILDING SHEET OF PLAIN FINISH.
4. GALVANIZED STEEL FLASHING SHALL CONFORM TO ASTM A 528, 0.20% COPPER, 26 GAGE (0.0177"), ASTM A525, DESIGNATION G 90 HOT-DIP GALVANIZED, MILL PHOSPHATIZED.
5. BACKPAINT FLASHING WITH BITUMINOUS PAINTER, WHERE EXPECTED TO BE IN CONTACT WITH CEMENTITIOUS MATERIALS OR DISSIMILAR METAL.



ARCHITECTURAL  
DESIGN  
STUDIO

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Prepared for:

Project Title:

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COUNSELING PROGRAM  
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2081 Federal St.  
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PROJECT NOTES

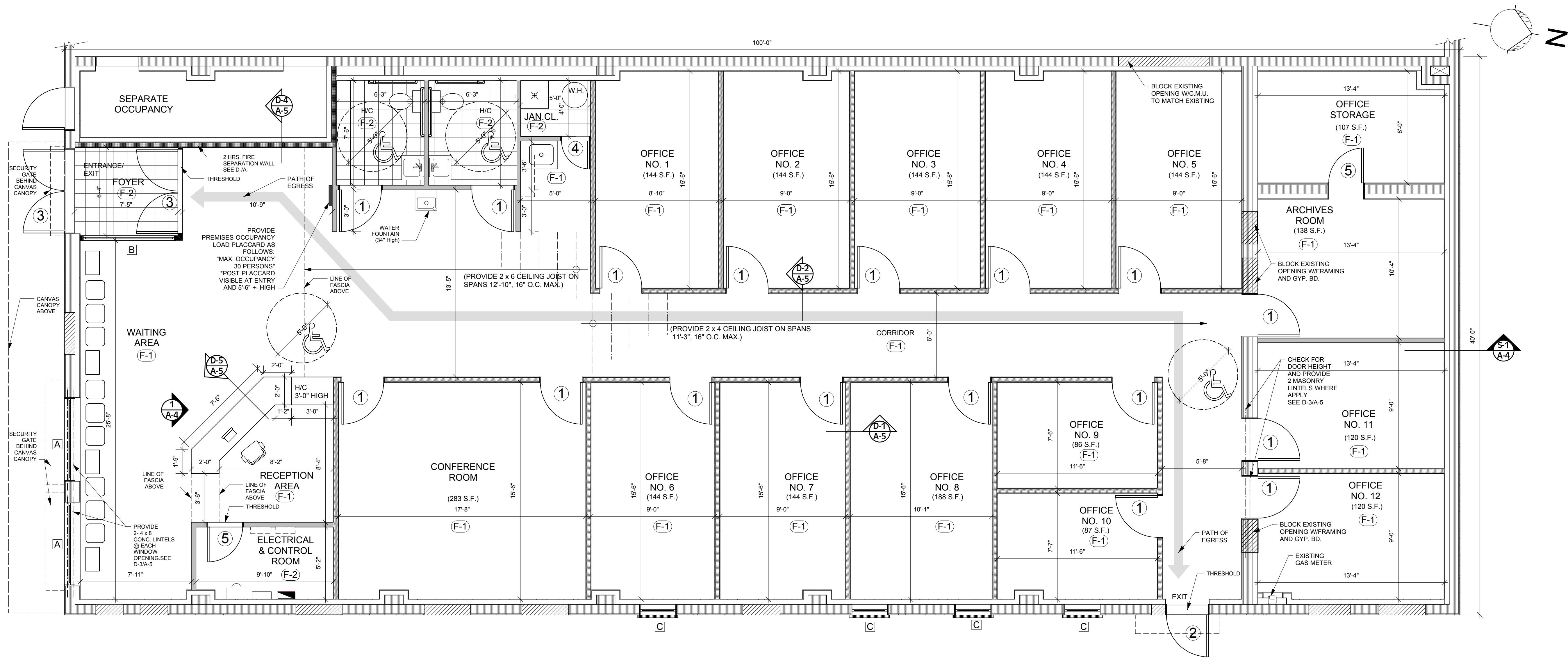
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Drawing Day:	21st of December, 2008
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CAD File Name:	CAD-EDV-83-09
Drawn by:	jd
Check by:	EDFV

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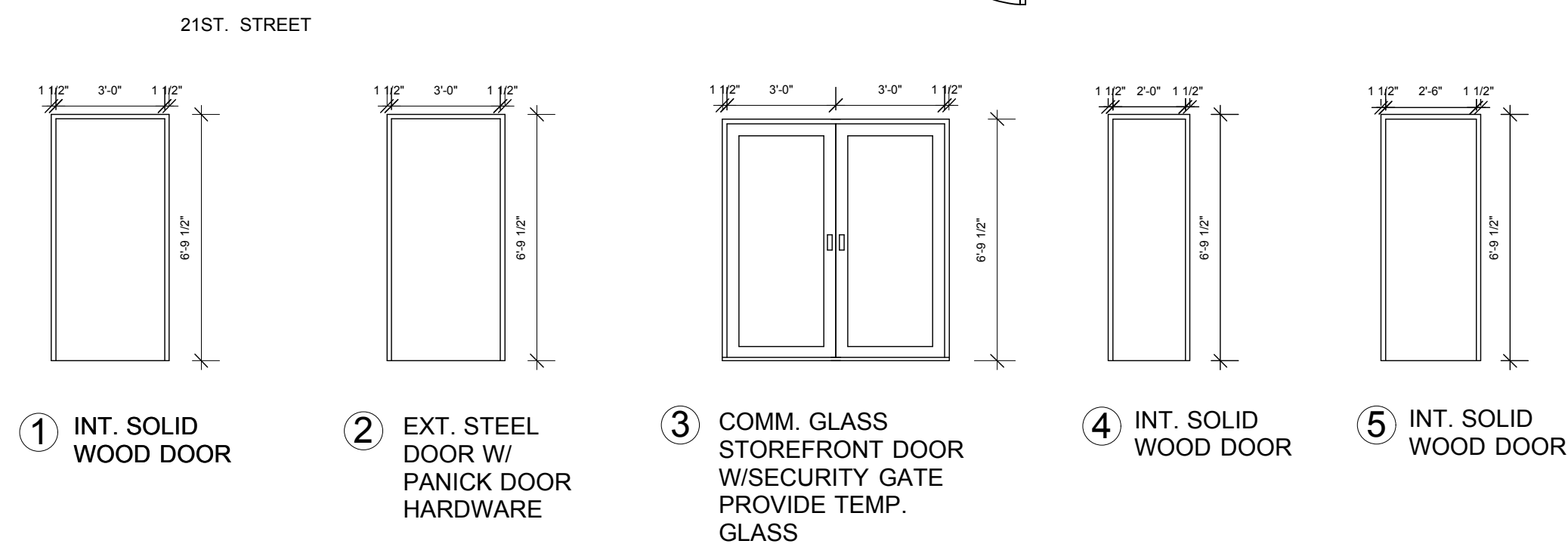
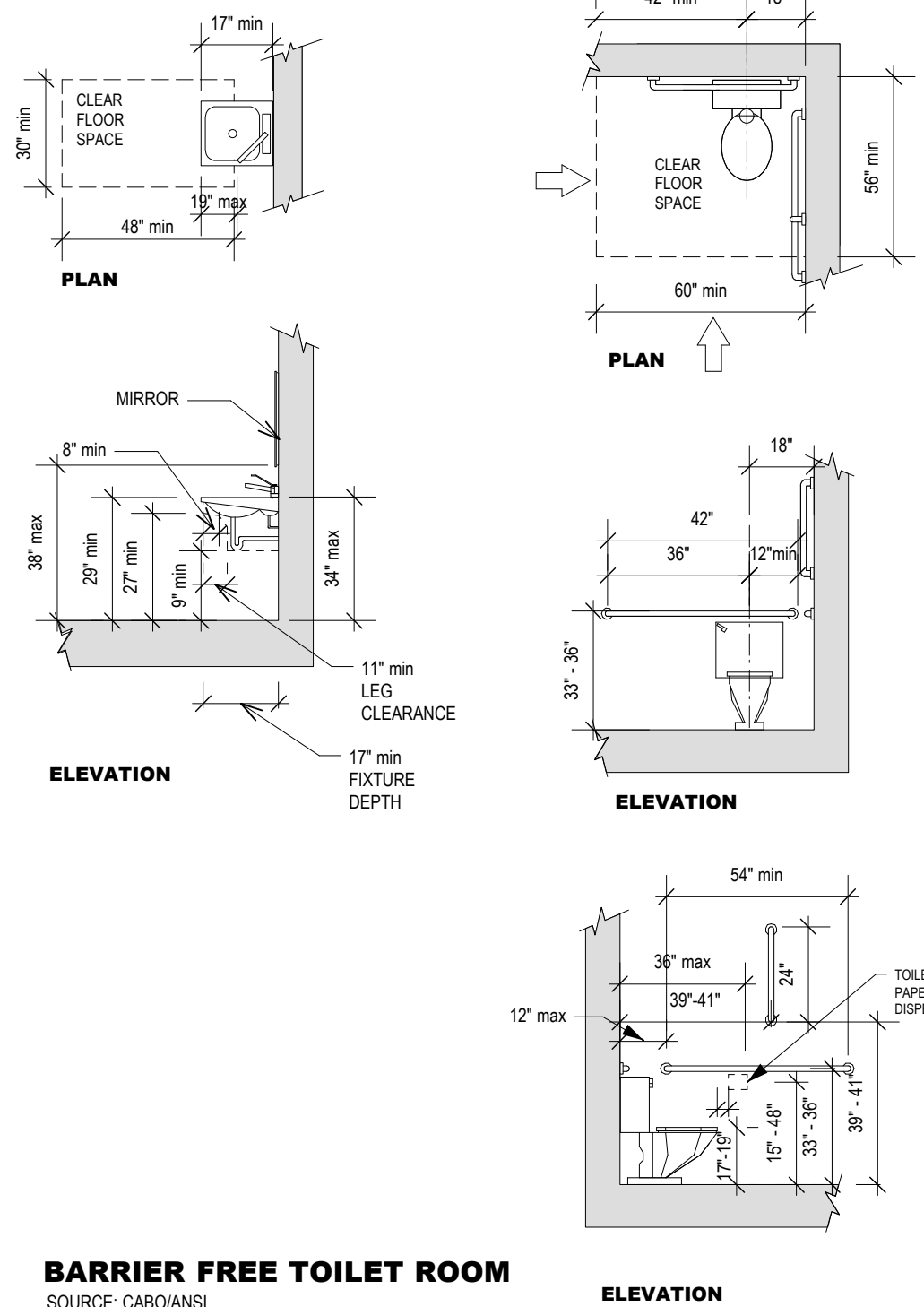
**EXISTING/PROPOSED FIRST FLOOR PLAN**  
Scale: 1/4" = 1'-0"

**FLOOR FINISHES LEGEND**

- (F-1) COMMERCIAL GRADE CARPET  
(F-2) NON SLIPPERY CERAMIC TILE

**WALL LEGEND**

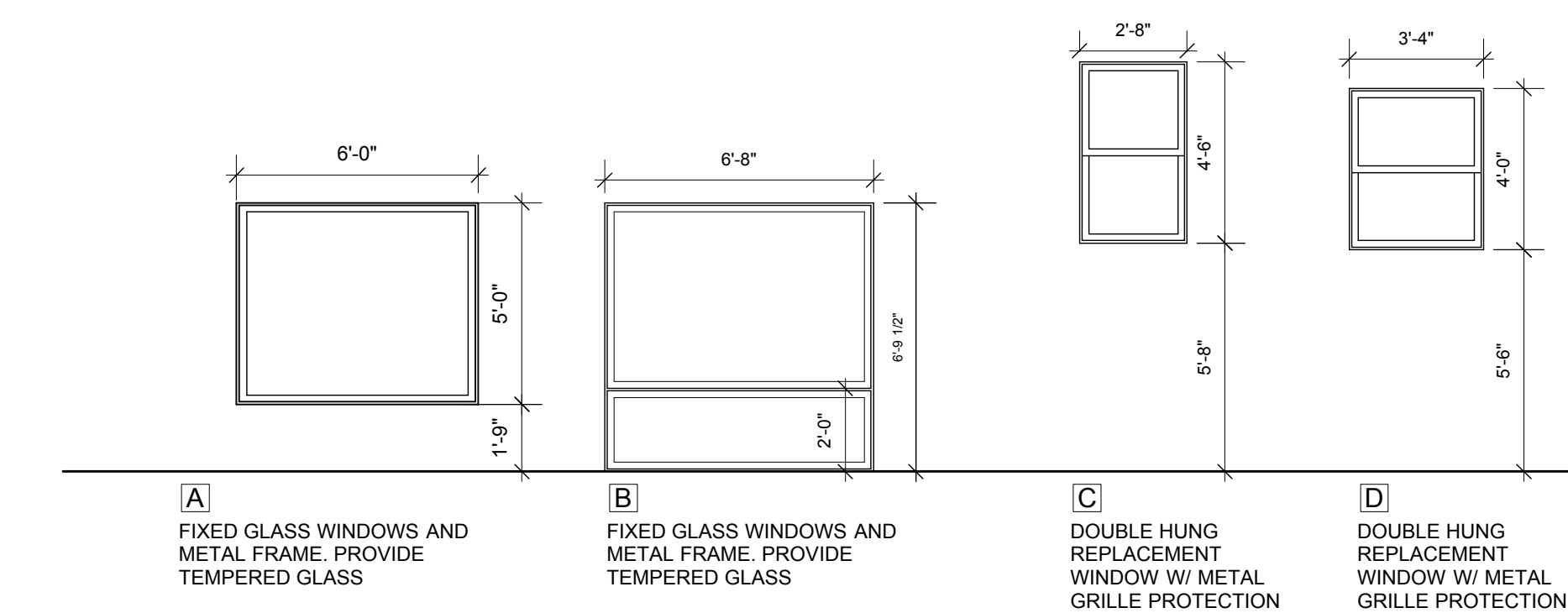
- EXISTING EXTERIOR PARTY MASONRY WALL  
EXISTING EXTERIOR MASONRY WALL  
EXISTING INTERIOR MASONRY WALL  
NEW 2 x 4 - 2 HRS. FIRE SEPARATION WALL. SEE D-4/A-5  
NEW 2 x 4 INT GYP. BD. WALL SEE D-1/A-5  
NEW 2 x 4 INT GYP. BD. WALL W/SOUND ISOLATION. SEE D-2/A-5  
NEW 2 x 4 INT GYP. BD. WALL (ONE SIDE GYP. BD.) W/ R-13 EXT. INSULATION  
NEW 2 x 4 INT. METAL-GLASS PARTITION  
BLOCK EXISTING EXT. OPENING W/ C.M.U. TO MATCH EXISTING & STUCCO



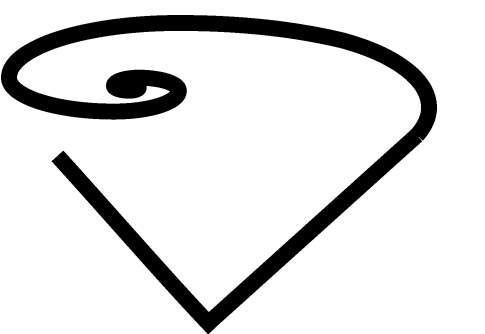
**DOOR SCHEDULE**  
Scale: 1/4" = 1'-0"

**DOOR HARDWARE SCHEDULE**  
-HINGES: 3" COMMERCIAL BRASS (BY BALDWIN OR EQUAL)  
-LEVER PASSAGE DOOR SET, 34"-36" MAX. HGHT. (BY KWIKSET OR EQUAL)

NOTES: -Provide interiorLever Door Hardware throughout  
-Provide door undercut at all interior doors



**WINDOW SCHEDULE**  
Scale: 1/4" = 1'-0"



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DESIGN  
STUDIO

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Prepared for:

Project Title:

**MULTICULTURAL  
COUNSELING PROGRAM  
INTERIOR RENOVATION**  
2081 Federal St.  
Camden, New Jersey

Revision No. & Day

Description

Sheet Title:

**FLOOR PLAN  
& SCHEDULES**

Scale: As Noted

Drawing No:

A-3

3 of 8 Total Sheets

Drawing Day:

21st of December, 2009

Project ID:

EDV-C-83-09

CAD File Name:

CAD-EDV-83-09

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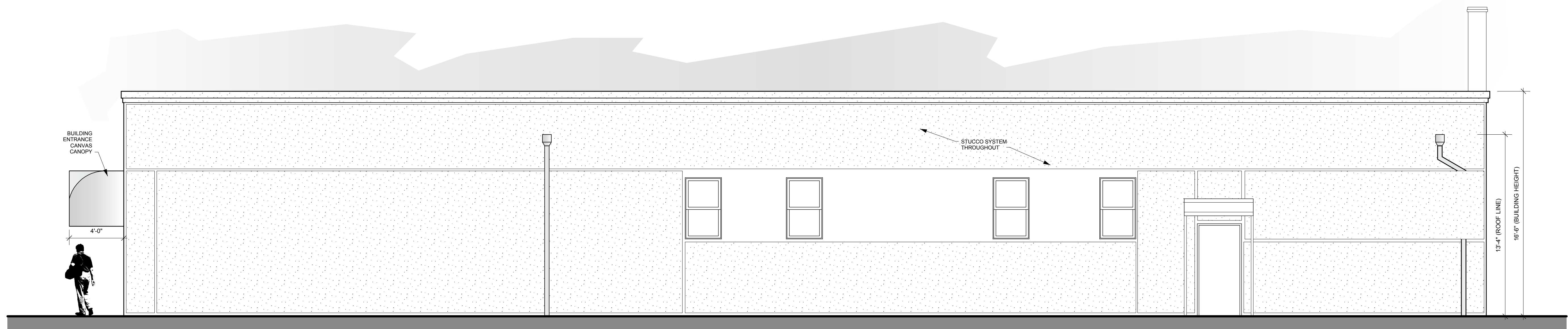
Check by:

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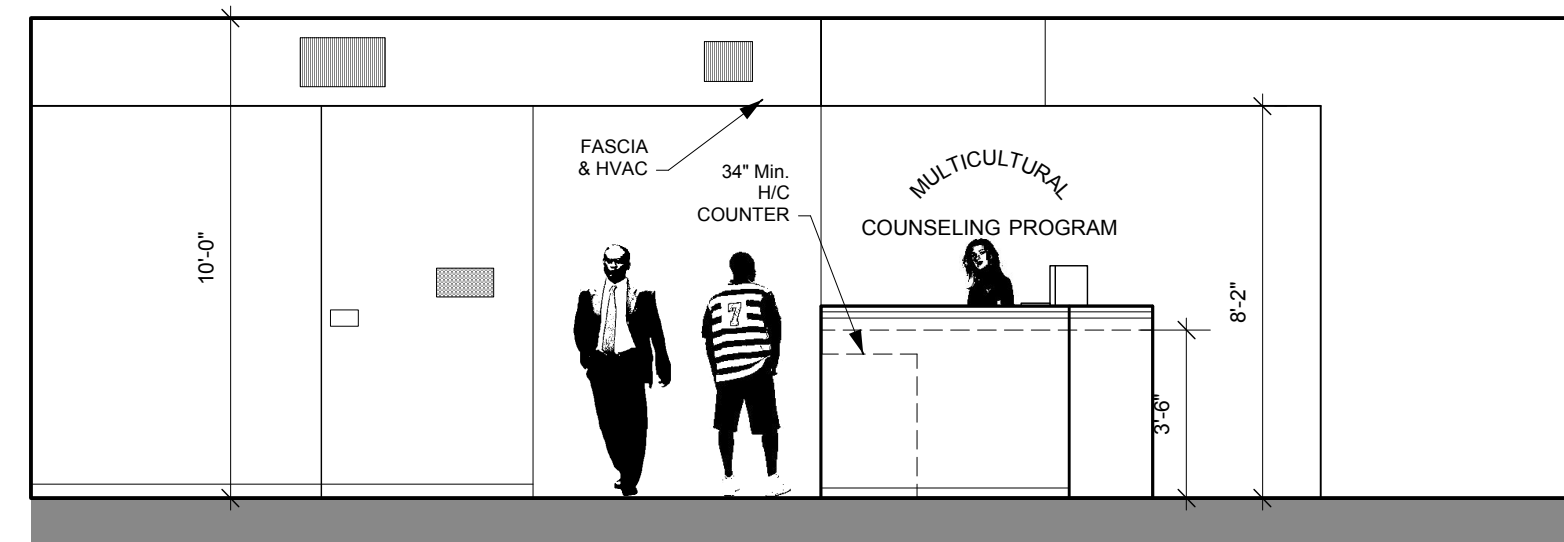
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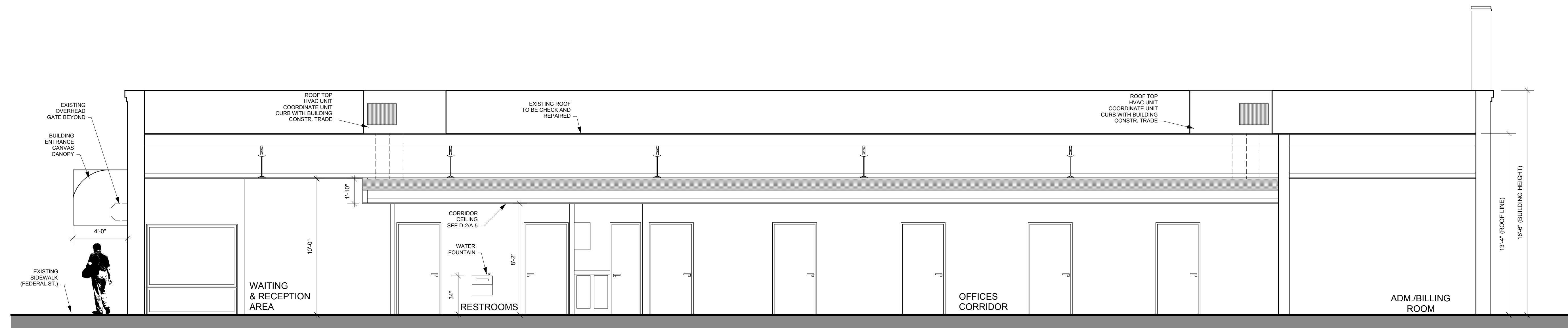
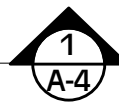
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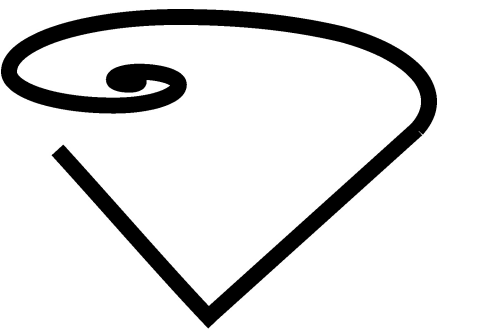
RIGHT SIDE ELEVATION (21ST. STREET)  
Scale: 1/4" = 1'-0"



INTERIOR ELEVATION (RECEPTION AREA)  
Scale: 1/4" = 1'-0"



BUILDING SECTION  
Scale: 1/4" = 1'-0"



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Description

Sheet Title:

ELEVATIONS & SECTIONS

Scale: As Noted

Drawing No:

A-4

4 of 8 Total Sheets

Drawing Day:

21st of December, 2009

Project ID:

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CAD File Name:

CAD-EDV-83-09

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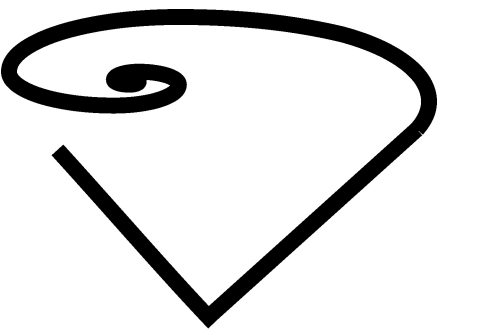
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Revision No. & Day	Description
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Sheet Title:

INTERIOR DETAILS

Scale: As Noted

Drawing No:

A-5

5 of 8 Total Sheets

Drawing Day:

21st of December, 2009

Project ID:

EDV-C-83-09

CAD File Name:

CAD-EDV-83-09

Drawn by:

JD

Check by:

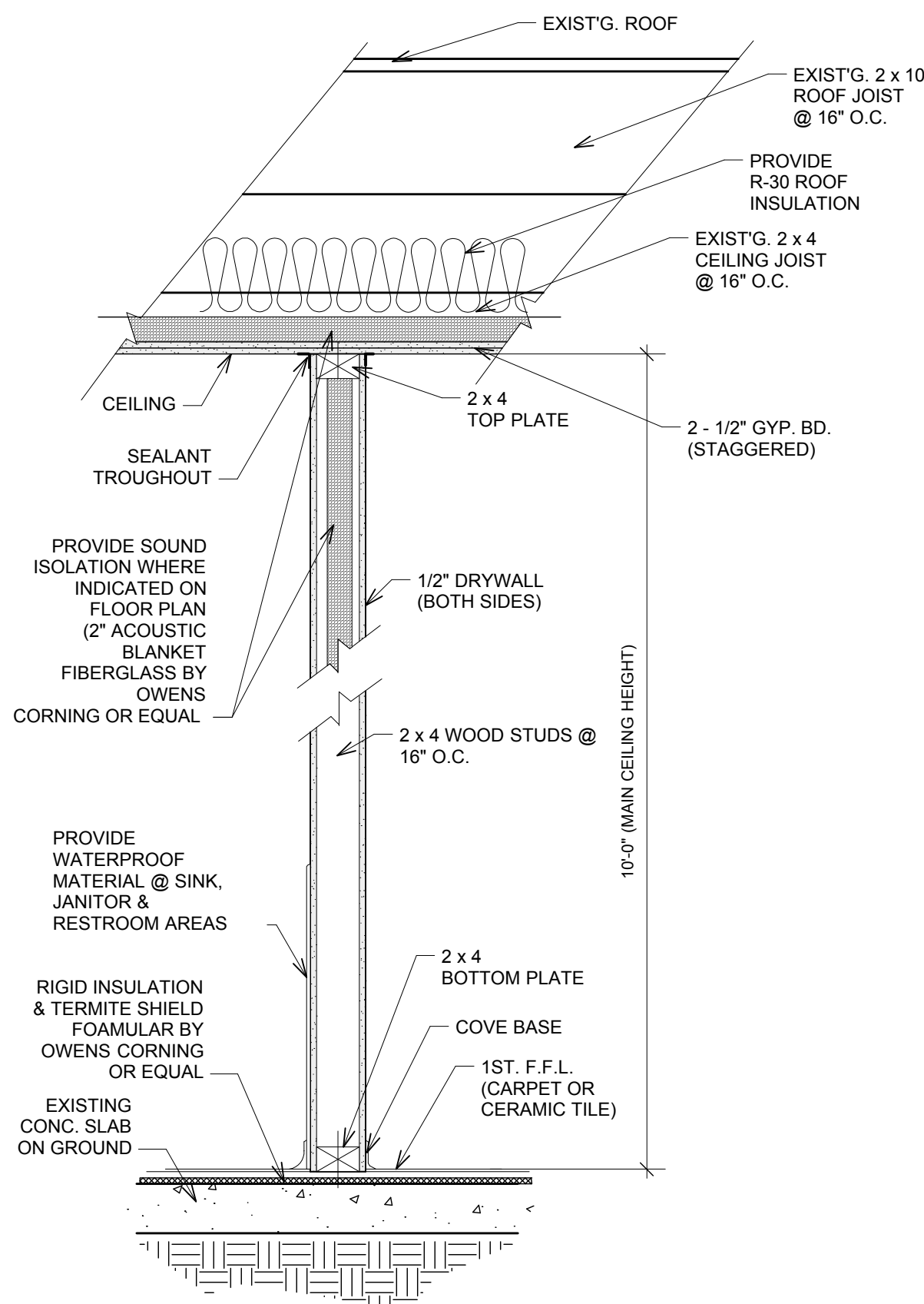
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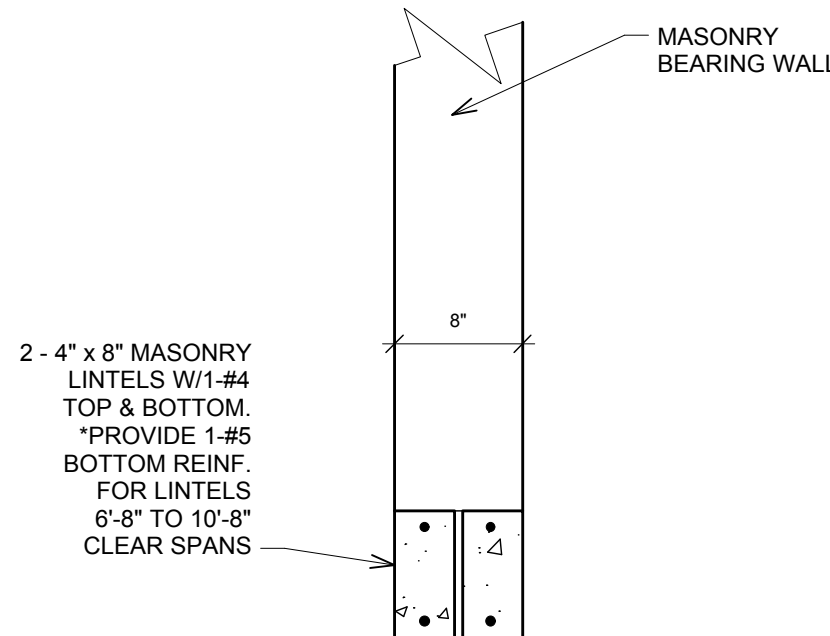
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INTERIOR PARTITION

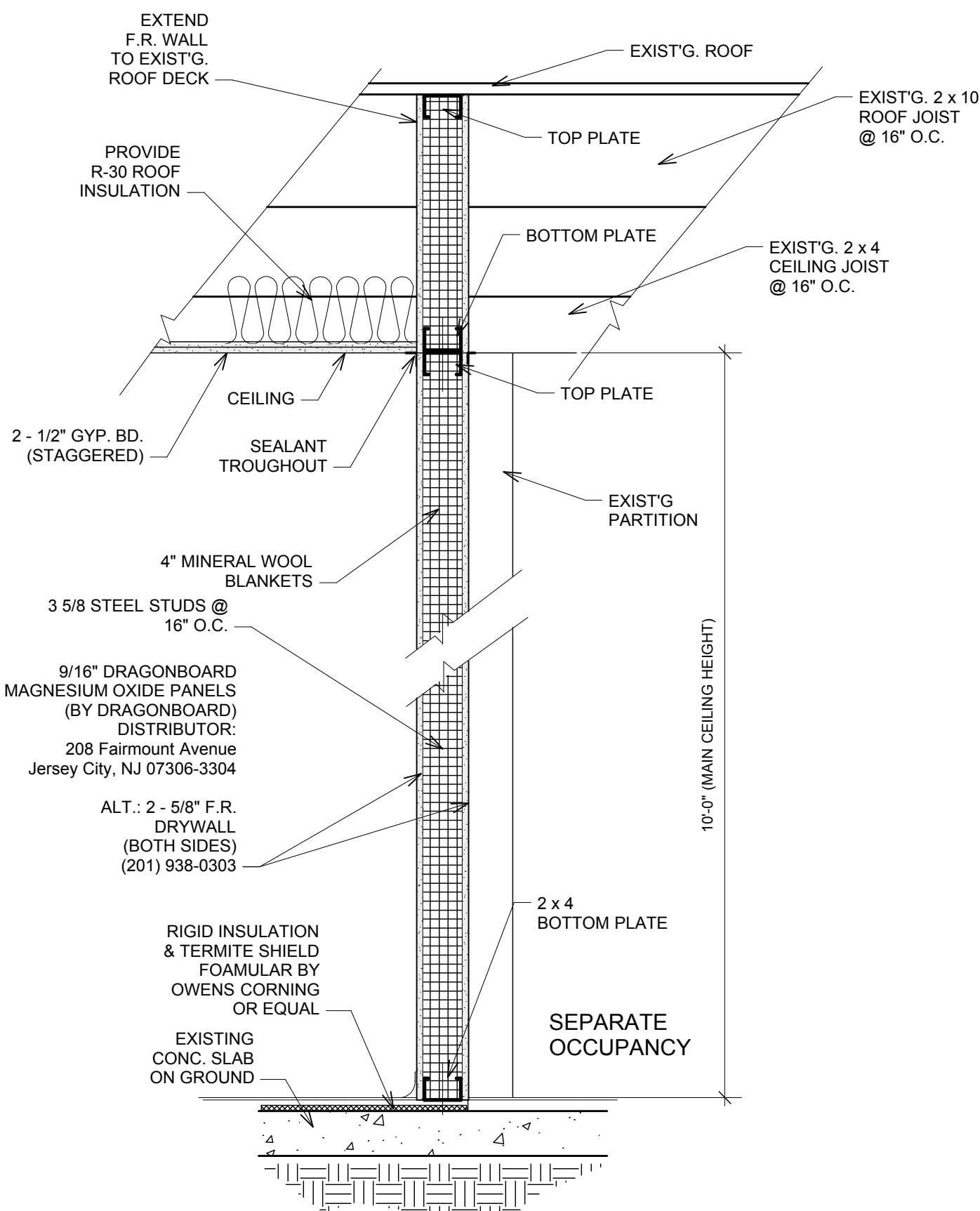
Scale: 1" = 1'-0"



TYPICAL C.M.U. LINTEL DETAIL

Scale: 1" = 1'-0"

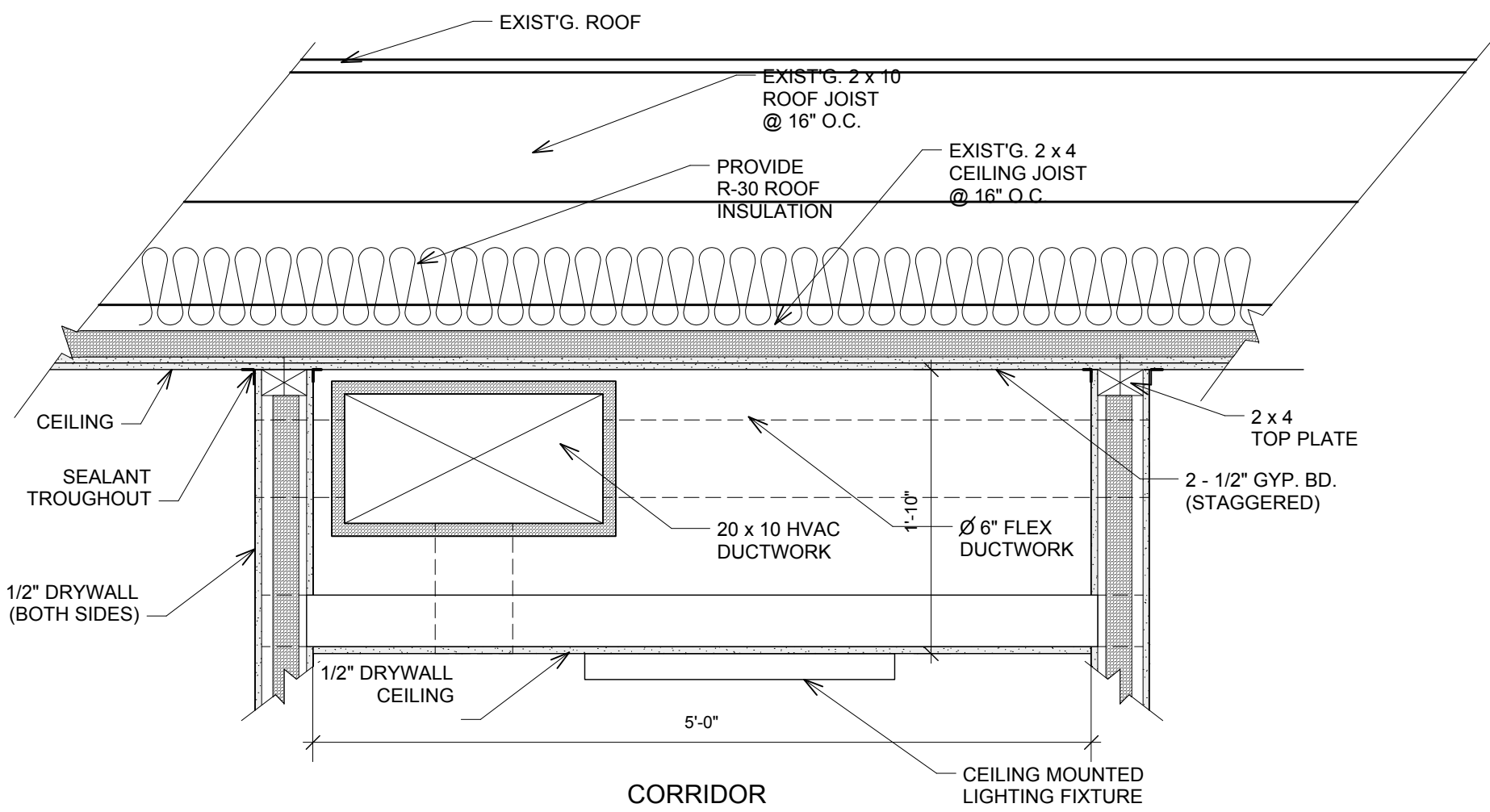
NOTE: PROVIDE 8" BEARING EACH END ON SOLID MASONRY



2 HR. F.R. INTERIOR PARTITION

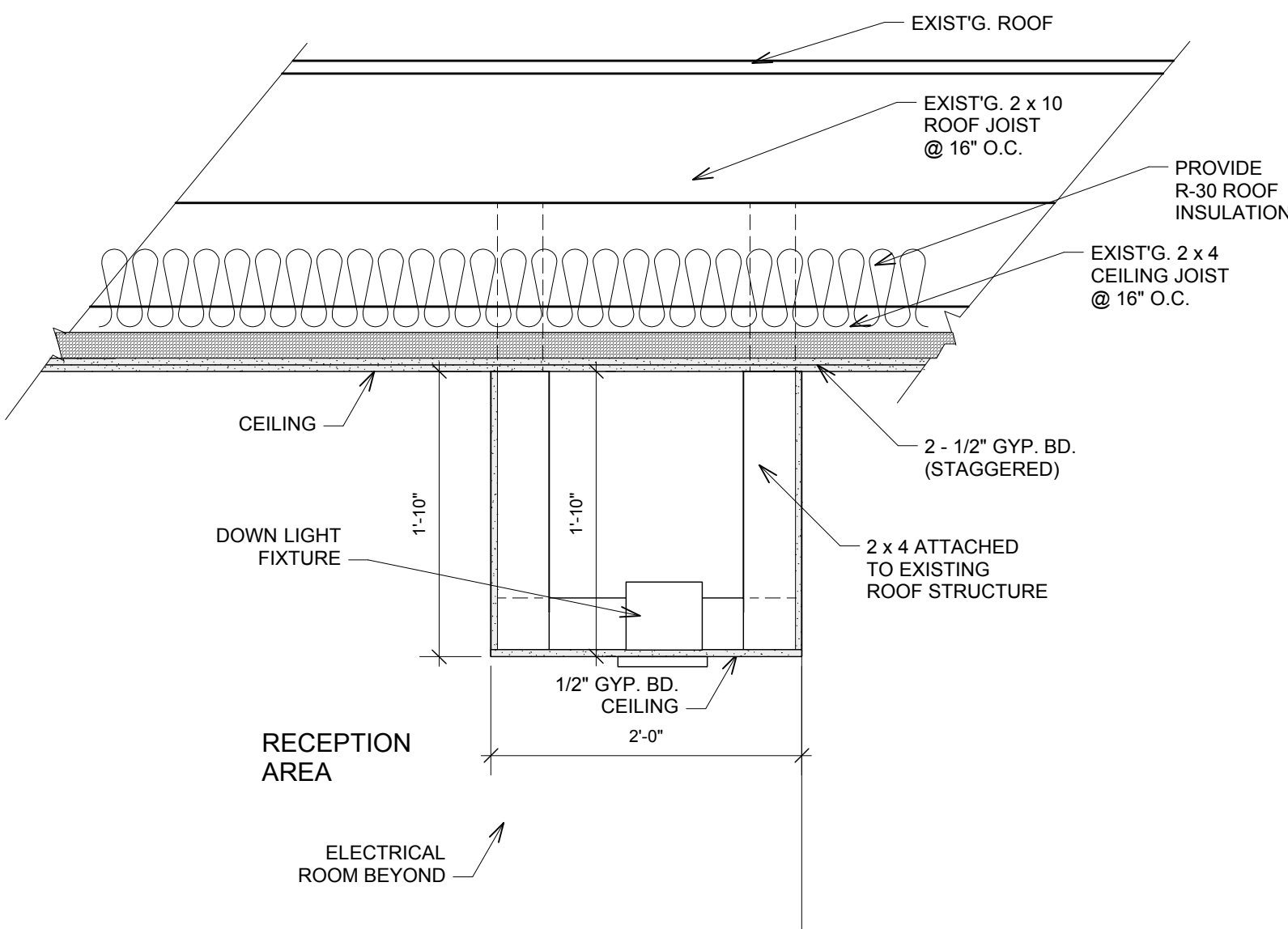
Scale: 1" = 1'-0"

ANSI/UL 263  
DESIGN NO. U055



INTERIOR CEILING AT CORRIDOR

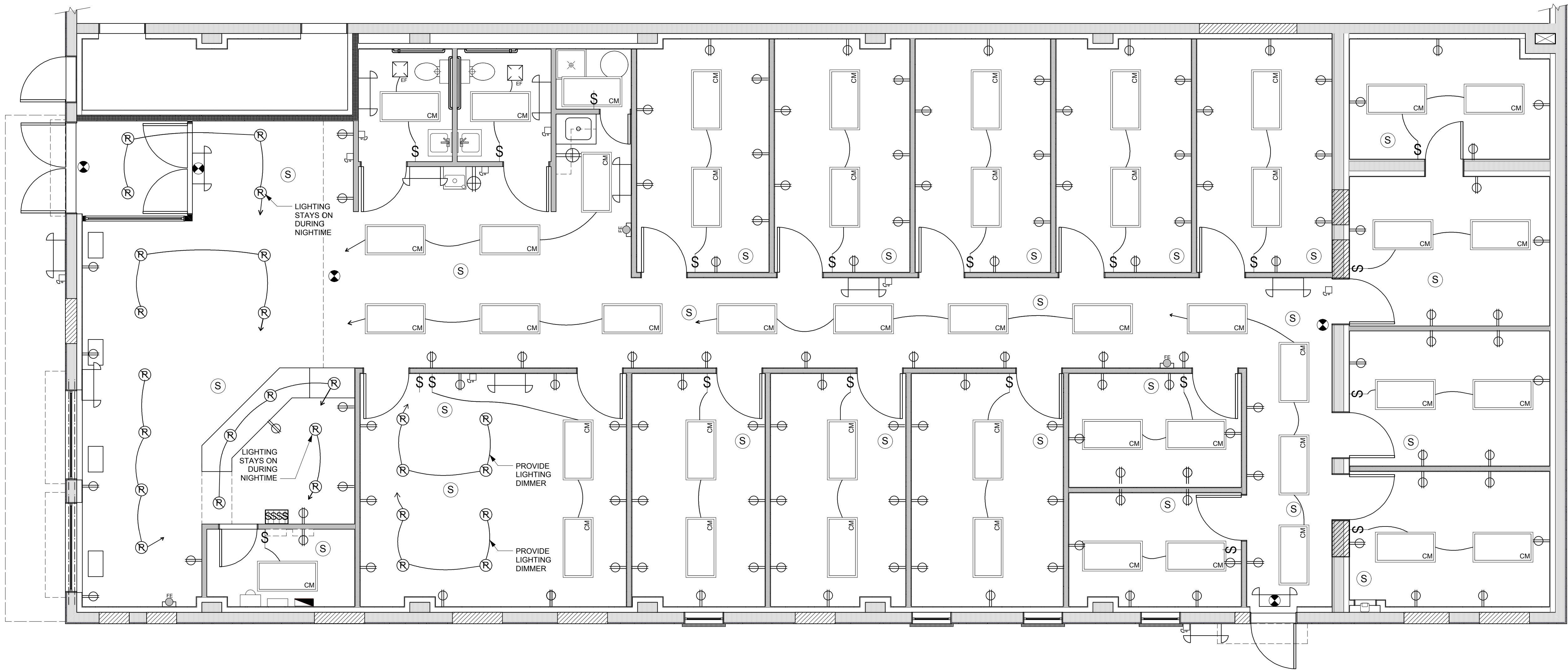
Scale: 1" = 1'-0"



INTERIOR CEILING FASCIA

Scale: 1" = 1'-0"

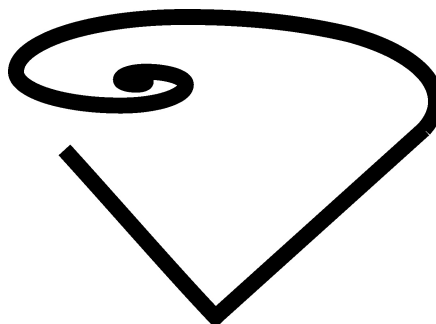




EXISTING/PROPOSED ELECTRICAL FIRST FLOOR PLAN  
Scale: 1/4" = 1'-0"

ELECTRICAL LEGEND

	EXISTING SERVICE DROP AND ELECT. METER		ADD EXHAUST FAN SYSTEM W/IN COMBUSTIBLE DUCT (MODEL QTRN50F BY NUTONE OR EQUAL)
	SERVICE BREAKER (BY SQUARE D), 40 SLOTS		ADD SMOKE ALARM (HARDWIRED & INTERCONNECTED THROUGHOUT)
	ADD LIGHT SWITCH		ADD ABC FIRE EXTINGUISHER
	ADD MULTI LIGHT SWITCH BOX		EMERGENCY LIGHTING FIXTURE/EXIT SIGN COMBO INTERCONNECTED THROUGHOUT
	2 x 4 FLUORESCENT TROFFER CEILING MOUNTED LIGHTING FIXTURE TO AREA LIGHT SWITCH BOX		EMERGENCY LIGHTING FIXTURE INTERCONNECTED THROUGHOUT
	RECESSED LIGHTING FIXTURE		EXIT SIGN INTERCONNECTED THROUGHOUT
	ADD WALL MOUNTED INCANDESCENT LIGHTING FIXTURE		ALARM STROBE LIGHT/HORN INTERCONNECTED THROUGHOUT
	FIRE ALARM PULL STATION CONNECTED TO A CENTRAL BUILDING ALARM CONTROL		ADD 110 V DOUBLE RECEPTACLE
			ADD GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE (GFCI)



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Camden, New Jersey

Revision No. & Day	Description

Sheet Title:

ELECTRICAL PLANS

Scale: As Noted

Drawing No: A-6  
6 of 8 Total Sheets

Drawing Day:  
21st of December, 2009

Project ID:  
EDV-C-83-09

CAD File Name:  
CAD-EDV-83-09

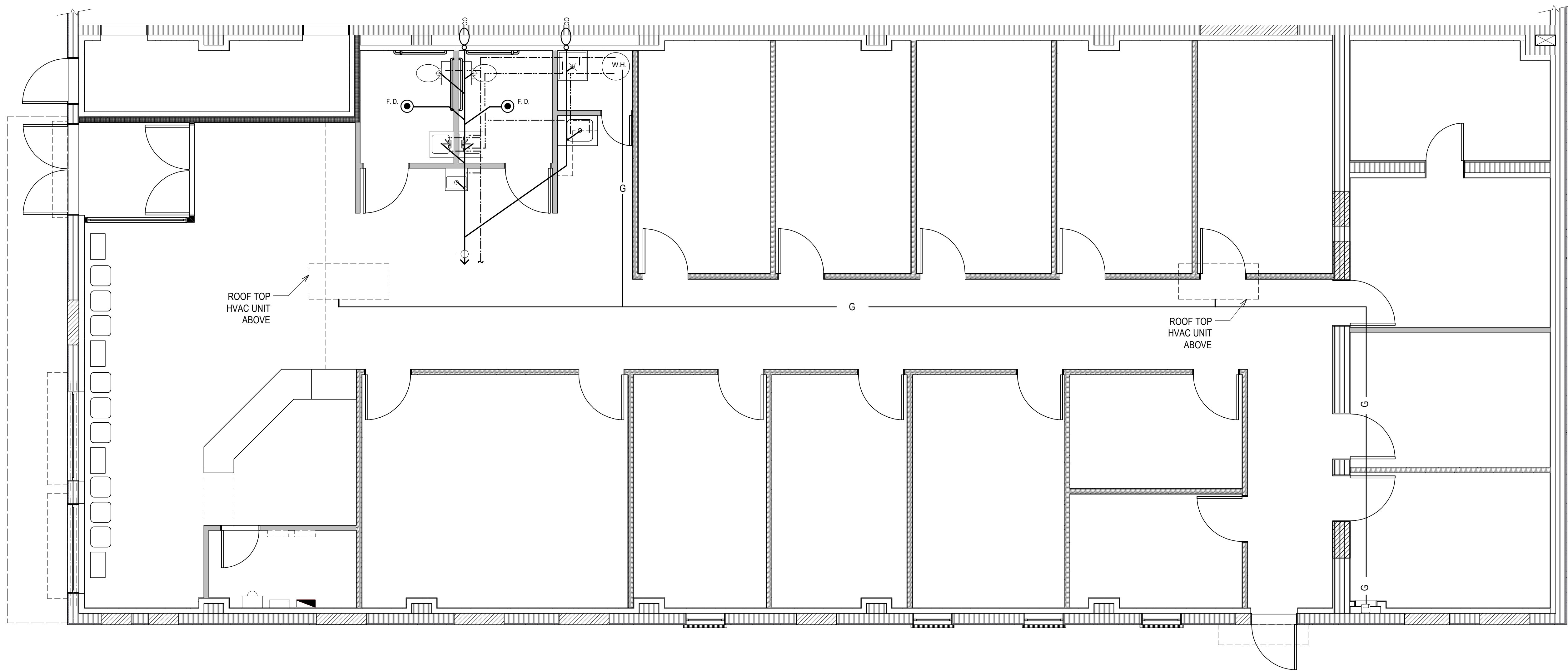
Drawn by:  
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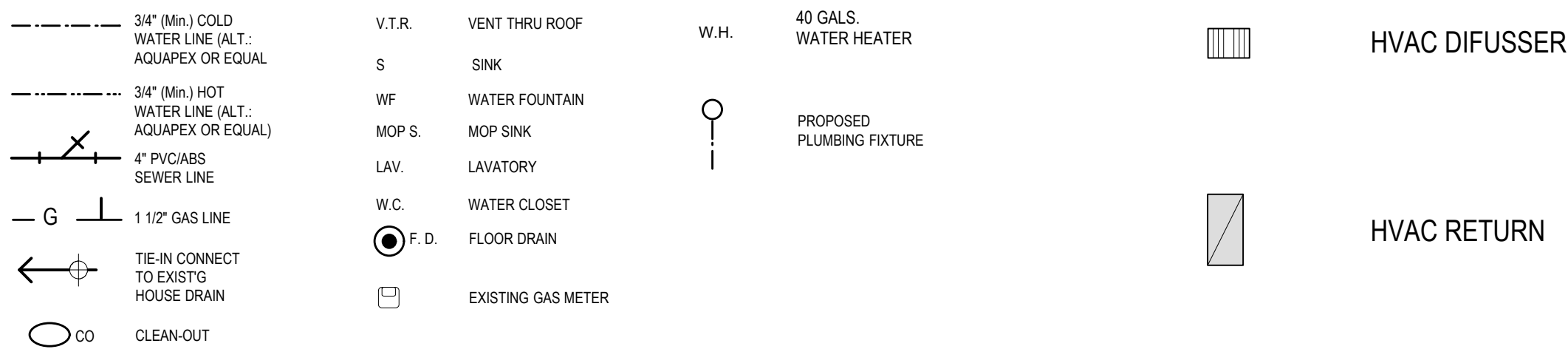
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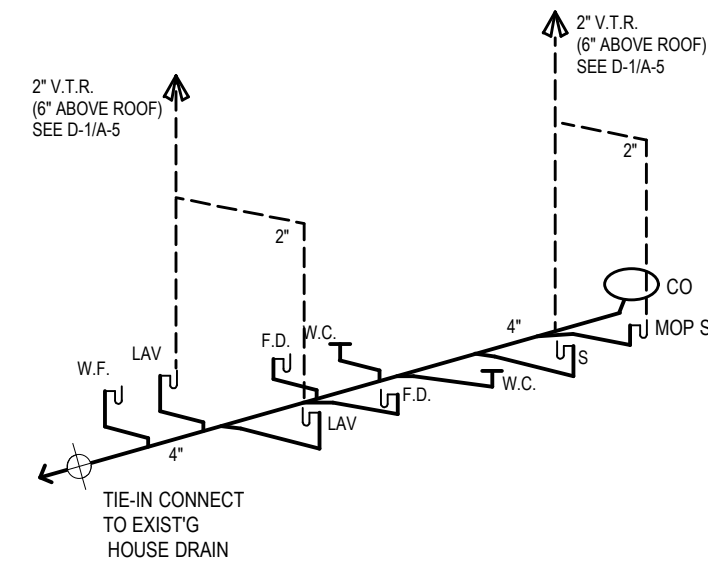


EXISTING/PROPOSED PLUMBING FIRST FLOOR PLAN  
Scale: 1/4" = 1'-0"

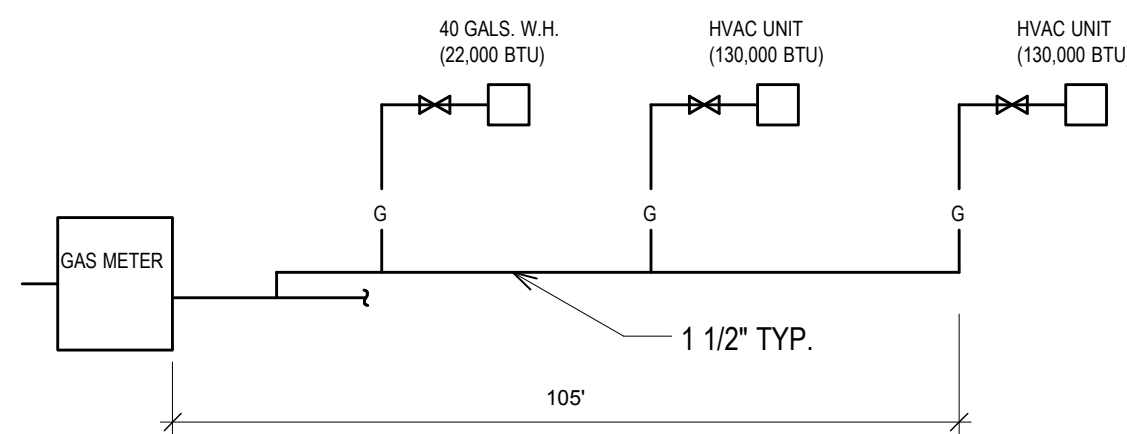
PLUMBING/HVAC LEGEND



MECH. NOTE  
CONTRACTOR SHALL REPLACE  
THE HVAC UNIT W/ 130,000 BTU &  
5 TONS DIRECT VENT;  
92.5 EFFIC. (13 SEERS)

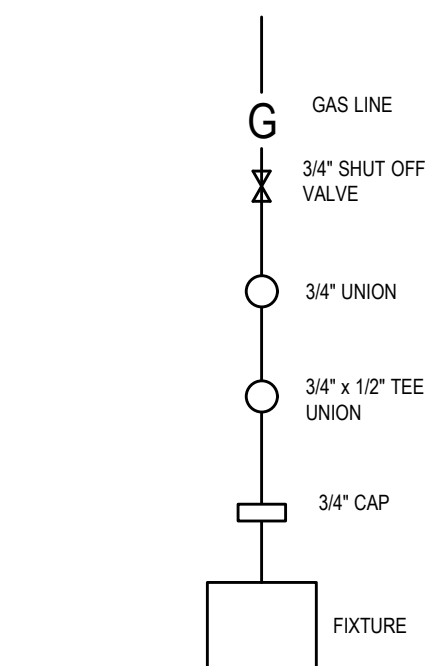


DRAINAGE DIAGRAM  
N.T.S.

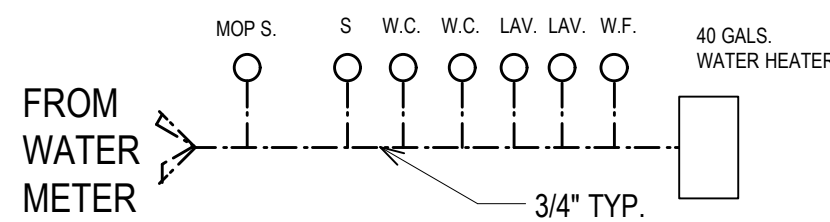


GAS LINE DIAGRAM  
N.T.S.

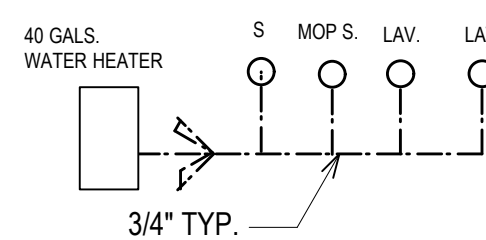
TOTAL BTU DEMAND  
282,000 BTU - 282 CFH  
STEEL PIPE-SCH. 40  
PIPE SIZE: 1 1/2" (MIN.)  
NOTE: CONTRACTOR SHALL  
VERIFY FINAL FIXTURES DEMAND  
AND PROPER PIPING SIZE BEFORE  
PROCEEDING WITH THE WORK



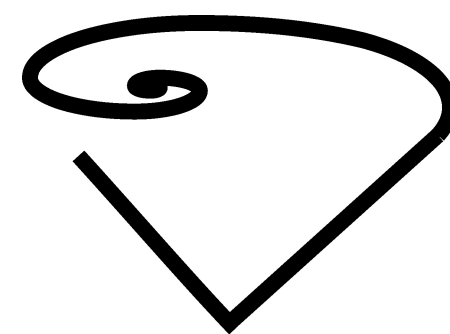
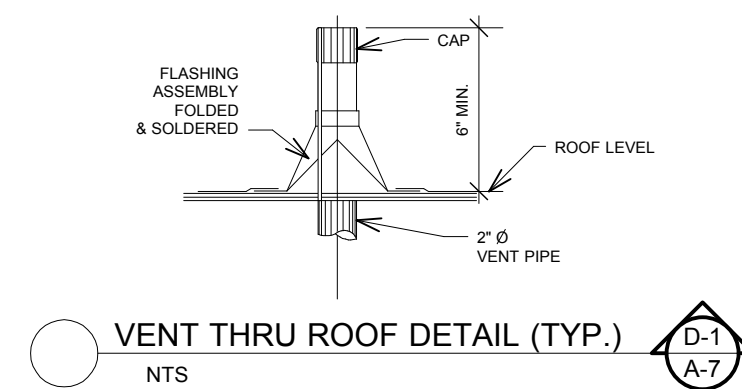
GAS HOOK-UP DETAIL  
N.T.S.



COLD WATER LINE DIAGRAM  
N.T.S.



HOT WATER LINE DIAGRAM  
N.T.S.



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Revision No. & Day

Description

Sheet Title:

PLUMBING PLANS

Scale: As Noted

Drawing No:

A-7

7 of 8 Total Sheets

Drawing Day:

21st of December, 2009

Project ID:

EDV-C-83-09

CAD File Name:

CAD-EDV-83-09

Drawn by:

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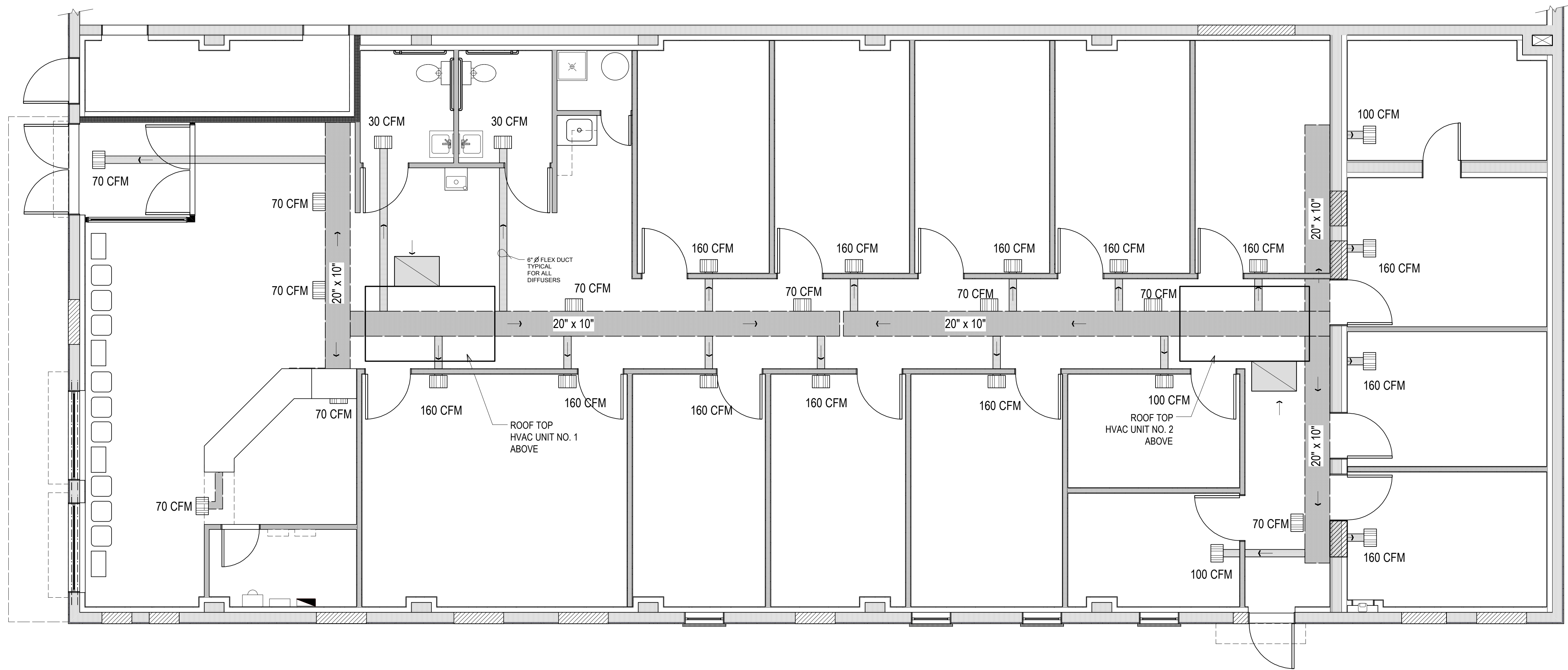
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

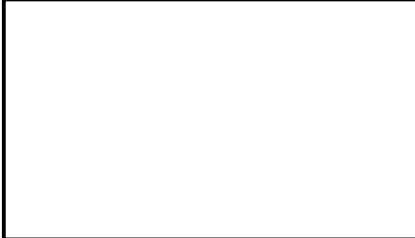
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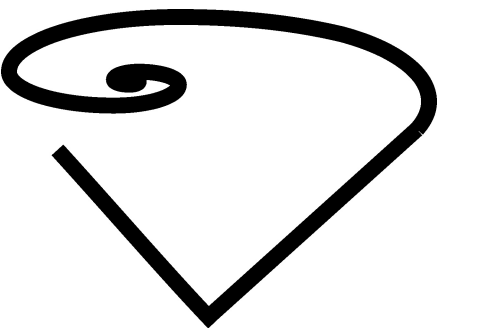
**PROPOSED HVAC FIRST FLOOR PLAN**  
Scale: 1/4" = 1'-0"

### LEGEND

-  HVAC DIFUSSER
-  HVAC RETURN
-  HVAC UNIT W/ 130,000 BTU & 5 TONS DIRECT VENT; 92.5 EFFIC. (13 SEERS) BY GOODMAN OR EQUAL

NOTE:  
-PROVIDE UNDERCUT TO ALL INTERIOR DOORS

-THESE MECHANICAL PLANS SHOW THE HVAC DISTRIBUTION DIAGRAMS. CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATIONS AND MEASUREMENTS OF DUCTWORK, DETERMINE THE FINAL CFM OUTPUT, AND BALANCE THE ENTIRE SYSTEM



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Sheet Title:

**MECHANICAL PLANS**

Scale: As Noted

Drawing No:	A-8
8 of 8 Total Sheets	

Drawing Day:	21st of December, 2009
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Project ID:	EDV-C-83-09
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CAD File Name:	CAD-EDV-83-09
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Check by:	EDFV
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