

LOCATION MAP

AIR CONDITIONING ACCESSIBLE ACOUSTICAL ADMINISTRATION

ACOUSTICAL PANEL CLG

BUILDING
BUILDING
BLOCKING
BULKHEAD
BOTTOM
BASEMENT
BETWEEN
BUILT-UP ROOFING

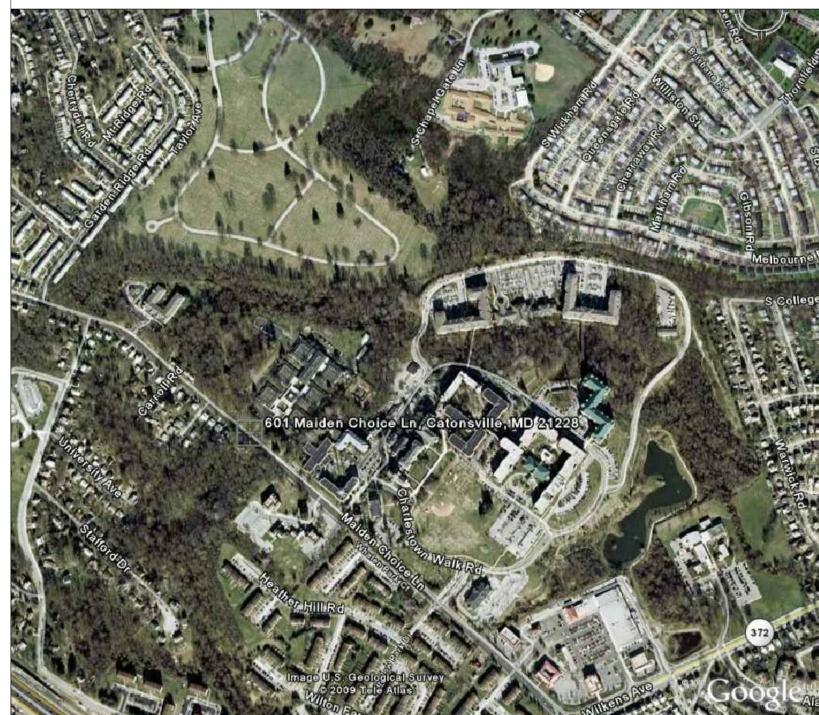
CLEAR
CONCRETE MASONRY UNIT
COLUMN
CONCRETE
CONFERENCE
CONSTRUCTION
CONTINUOUS
COORDINATE

COORDINATE
CORRIDOR
CARPET
CAST STONE
CASEWORK
CERAMIC TILE
CENTER
COLD WATER

DEIONIZED WATER

DAMPPROOFING DOCUMENT DRAIN

DOWNSPOUT DISHWASHER







ST. MARTIN'S HOME

RENOVATIONS - MAIN STREET

LITTLE SISTERS OF THE POOR 601 MAIDEN CHOICE LANE **BALTIMORE, MARYLAND 21228** CONSTRUCTION SET- 05-09-16

Architects Planners

CAM CONSTRUCTION 108 W. TIMONIUM ROAD SUITE 300 TIMONIUM, **MD** 21093

Mechanical, Electrical and **Plumbing Consultant** PHONE (410) 560-2828

Skarda Associates, Inc. **2439 NORTH CHARLES STREET BALTIMORE, MD 21218** PHONE (410) 366-9384

Construction Manager

Structural Consultant

ELECTRICAL DRAWINGS

FOR BID ONLY/ NOT INCLUDED IN PERMIT SET

ELECTRICAL LEGEND & ABBREVIATIONS

FIRST FLOOR POWER PLAN MAIN STREET

FIRST FLOOR SPECIAL SYSTEMS PLAN

ELECTRICAL DIAGRAMS & DETAILS

FIRST FLOOR POWER PLAN

ELECTRICAL SCHEDULES

EXTERIOR INSULATION + FINISH

EXPANSION JOINT

FIRE EXTINGUISHER CAB

FIRE RESISTANT TREAT

GLASS

H&CW HOT AND COLD WATER

HAZ MAT HAZARDOUS MATERIALS

HOSE BIBB

HARDWARE

HORIZONTAL

HOT WATER

HIGHWAY

INCLUDED

INFORMATION

HOLLOW METAL

HEATING, VENTILATING AND A/C

INSIDE DIAMETER; IDENTIFICATION

FURNITURE, FIXTURE & EQUIPMENT

ARCHITECTURAL ABBREVIATIONS STRUCT STRUCTURAL
SUSP SUSPENDED
SYM SYMBOL
SYMM SYMMETRIC OPPOSITE OPTION; OPTIONAL OVERFLOW ROOF DRAIN Insulation Interior SUSPENDED SYMBOL SYMMETRICAL TOP & BOTTOM TONGUE & GROOVE TECHNICAL TEMPORARY
TERRAZZO
THICKNESS
THRESHOLD
THROUGH
TACKBOARD
TOP OF ___
TOP OF CONC
TOP OF MASONRY
TOPOGRAPHY
TOP OF STEEL;
TOP OF SUBB LIGHT GAGE LIGHTWEIGHT LOUVER UNFINISHED UNLESS OTHERWISE NOTED UTILITY LIGHTWEIGHT CONCRETE VACUUM VARIES VINYL BASE MATERIAL MAXIMUM REFLECTED CEILING PLAN VINYL COMPOSITION TILE ROOF DRAIN; ROAD VERTICAL REINFORCING STEEL BARS VESTIBULE REFRIGERATOR; REFERENCE VERIFY IN FIELD VENT TO ROOF RESTROOM REQUIRED REVISION MASONRY OPENING ROUGH OPENING MOUNTED MEETING METAL GYP BD GYPSUM BOARD
GFRC GLASS FIBER REINFORCED CONCRETE RIGHT OF WAY ROOF TOP UNIT WITHOUT RAIN WATER LEADER WOOD BLOCKING WATER CLOSET WOOD WINDOW S SOUTH NOT APPLICABLE WEEP HOLE NATIONAL NATURAL GAS SOLID CORE WAREHOUSE SCHED SCHEDULE SCHEM SCHEMATIC WATERPROOFING; NOT IN CONTRACT WORKING POINT NUMBER STORM DRAIN NOMINAL NOT TO SCALE WAINSCOT SECTION WEIGHT SHT SHEET WTR WATER

SIMILAR SKETCH

SQ SQUARE

SQ FT SQUARE FEET

SQ IN SQUARE INCH

SST STAINLESS STEEL

ST STREET

STA STATION
STD STANDARD
STL STEEL

OXYGEN OVERALL

OFFICE

OPENING

OH DR

OPH OPNG

OUTSIDE DIAMETER OVERFLOW DRAIN

OVERHEAD DOOR

OPPOSITE HAND

SPECIFICATION

XFMR TRANSFORMER

YD YARD

MATERIALS (UON) CMU GRAVEL; CRUSHED ROCK SAND / MORTAR

GAUDREAU, Inc.

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SYMBOLS SPOT ELEVATION OR LEVEL ELEVATION ROOM NAME AND NUMBER DIAMETER OR ROUND (26) KEYNOTE # POUND OR NUMBER OA PARTITION WALL TYPE WINDOW TYPE FURNITURE, FIXTURE & EQUIPMENT SHEET NO - TYP INTERIOR ELEVATION INTERIOR ELEVATION MULTIPLE VIEWS

GENERAL FIRE PROTECTION PLAN STRUCTURAL MAIN STREET GENERAL NOTES MAIN STREET STRUCTURAL 1ST FLOOR FRAMING PLAN MAIN STREET DETAILS MAIN STREET DETAILS MAIN STREET ELEVATIONS

INDEX OF DRAWINGS

ARCHITECTURAL MAIN STREET & PART LOWER LEVEL DEMOLITION PLANS MAIN STREETEAST CORRIDOR & ROOF PLAN DEMOLITION MAIN STREET & PARTIAL BASEMENT EAST MAIN STREET CORRIDOR PLAN MAIN STREET CEILING PLAN MAIN STREET WALL FINISH PLAN MAIN STREET FINISH PLAN MAIN STREET EXTERIOR ELEVATION MAIN STREET BUILDING SECTIONS MAIN STREET INTERIOR ELEVATIONS ENLARGED TOILET & ELEVATOR PLANS, ELEVATIONS & SECTION ENLARGED PLANS & ELEVATIONS FOLDING GLASS PARTITION & PLAN DETAILS

ENLARGED COMMON AREA PLANS, ELEVATIONS & DETAILS MAIN STEET PARTITION SCHEDULE MAIN STREET SCHEDULE MAIN STREET WINDOW SCHEDULE PLUMBING PLUMBING LEGEND, NOTES, ABBREV. & SCHED. MAIN STREET PART BASEMENT WEST FLOOR PLAN MAIN STREET- PLUMBING PART 1ST FLOOR WEST FLOOR PLAN MAIN STREET- PLUMBING PART ROOF WEST PLAN, MAIN STREET - PLUMBING P-610 PLUMBING RISER DIAGRAMS MAINSTREET **MECHANICAL** MECHANICAL LEGEND, NOTES & ABBREV. - MAIN STREET PART FIRST FLOOR WEST FLOOR PLAN MAIN STREET- DUCTWORK PART ROOF WEST PLAN MAIN STREET - MECHANICAL PART BASEMENT WEST FLOOR PLAN - HVAC PIPING PART FIRST FLOOR WEST FLOOR PLAN MAIN STREET - PIPING PART FIRST FLOOR WEST FLOOR PLAN MAIN STREET - MECHANICAL ZONING

MECHANICAL SCHEDULES MAIN STREET

REVISIONS NO DATE DESCRIPTION PROJECT NO:

G-011

THE BUILDING CONSISTS OF A "MAIN STREET" WITH SHARED SPACES AND (6) FIRE-SEPARATED COTTAGES OF ASSORTED USES (SEE TABLE BELOW) THIS PROJECT SCOPE IS A REHABILITATION AND RENOVATION OF THE COMMON SPACES, OR "MAIN STREET" FOR ASSEMBLY USE, INCLUDING NEW ROOF/ STRUCTURE WITH INCREASED R-VALUE, NEW ENERGY EFFICIENT WINDOWS, PERIMETER INSULATION, AND ADA UPGRADES.

APPLICABLE CODES

- 1. 2015 IEBC INTERNATIONAL EXISTING BUILDING CODE
- 2. 2015 IMC INTERNATIONAL MECHANICAL CODE
- 3. 2014 NEC NATIONAL ELECTRIC CODE W/ AMENDMENTS BILL 40-15
- 4. 2015 NATIONAL STANDARD PLUMBING CODE W/ LOCAL AMENDMENTS BILL 41-15 5. 2015 IECC - INTERNATIONAL ENERGY CONSERVATION CODE W/ AMENDMENTS BILL 40-15
- 6. 2012 NFPA 1 FIRE PREVENTION CODE W/ LOCAL ADOPTED & AMENDED CODES, BILL 63-13
- 7. 2012 NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS 8. 2012 NFPA 72-99 NATIONAL FIRE ALARM CODE
- 9. 2012 NFPA 101 LIFE SAFETY CODE W/ LOCAL AMENDMENTS BILL 63-13 10. COMAR 05.02.02 ADA/ADAAG 2010 MARYLAND ACCESSIBILITY CODE

3.1 BUILDING USE & TYPE OF CONSTRUCTION

OCCUPANCY TYPE: SEPARATED MIXED USE OCCUPANCIES IBC 302: RESIDENTIAL (R), INSTITUTIONAL (I), ASSEMBLY (A), STORAGE (S), BUSINESS (B) NFPA 101 A.6.1.5.1: RESIDENTIAL, ASSEMBLY, BUSINESS, HEALTH CARE

| | | I | |
|------------------|--------------------|----------------|----------------|
| SPACE | OCCUPANCY | CLASSIFICATION | ALLOW. STORIES |
| COTTAGE A | ASSISTED LIVING | I-1 (COND. 2) | 3 STORIES |
| COTTAGE B | SKILLED NURSING | I-2 | 1 STORY |
| COTTAGE D, E & F | INDEPENDENT LIVING | R-2 | 5 STORIES |
| COTTAGE C | ADMIN/MEDICAL | В | 4 STORIES |
| CORE-1ST FLOOR | ASSEMBLY/CONVENT | R-2 (B, A-3) | 3 STORIES |
| CORE-1ST FLOOR | ASSEMBLY/ BUSINESS | A-3 (B) | 3 STORIES |
| 2ND FLOOR | CONVENT | R-2 (B, A-3) | 5 STORIES |
| LOWER LEVEL | OFFICE/ASSEMBLY | B (A-3) | 4 STORIES |

TYPE OF CONSTRUCTION:

(ACCESSORY USE)

IBC TABLE 601 - TYPE IIB, NONCOMBUSTIBLE MATERIALS

3.2 SPECIAL OCCUPANCY REQUIREMENT-INCIDENTAL LIGE ADEAS (IDC 2015 TADI E 500)

| INCIDENTAL USE AREAS | (IBC 2015 TABLE 509) |
|--|-----------------------------|
| SPACE | SEPARATION/PROTECTION |
| FURNACE ROOM (OVER 400,000 BTU EQUIPMENT) | 1 HR OR AUTOMATIC SPRINKLER |
| BOILER ROOM-(OVER 15 PSI AND 10 HORSE POWER EQUIPMENT) | 1 HR OR AUTOMATIC SPRINKLER |

3.3 EXTERIOR WALL FIRE RATING DUE TO DISTANCE

EQUAL TO OR GREATER THAN 30 FT.: 0 HR. ACTUAL DISTANCE: 50 FT.

3.4. OCCUPANCY CALCULATIONS:

| FLOOR | OCCUPANCY | SF/OCCUPANT | TOTAL | IBC-2 |
|---------------------------|-----------------------------|------------------|-------|---------|
| FIRST FLOOR: | ASSEMBLY | 15 NET | 42 | STRI |
| COTTAGE 'A': | BUSINESS | 100 GROSS | 11 | EXT |
| ASSISTED LIVING: | SLEEPING (I-1) | 120 GROSS | 36 | EXT |
| | TOTAL | | 89 | INTE |
| FIRST FLOOR: | ASSEMBLY | 15 NET | 42 | INTE |
| COTTAGE 'B': | BUSINESS | 100 GROSS | 11 | FLO |
| SKILLED NURSING: | SLEEPING (I-2) | 120 GROSS | 36 | ROO |
| | TOTAL | | 89 | Noc |
| FIRST FLOOR: | ASSEMBLY | 15 NET | 51 | 6.1 |
| COTTAGE 'D', 'E & | BUSINESS | 100 GROSS | 14 | (|
| F': NDEPENDENT | RESIDENTIAL (R-2) | 200 GROSS | 63 | j , |
| _IVING: | TOTAL | | 128 | ' |
| FIRST FLOOR: | BUSINESS | 100 GROSS | 131 | |
| COTTAGE 'C': BUSINESS: | ASSEMBLY | 15 NET | 23 | |
| | TOTAL | | 154 | ! |
| | | | | (- |
| | | | | 8 |
| FIRST FLOOR: | CLASSROOM - B | 20 NET | 34 | |
| CONVENT: | RESIDENTIAL (R-2) | 200 GROSS | 40 | 7.1. |
| | SUB-TOTAL | | 74 | BUILDIN |
| FIRST FLOOR: | PEWS - (21)7'-6" + (2)6'-6" | 18 LINEAL INCHES | 113 | IBC- |
| CHAPEL: | NON - PEW AREA | | 217 | FIDE |
| | INOIN - PEVV AREA | 7 NET | Z11 | FIRE |

15 NET

100 GROSS

300 GROSS

200 GROSS

50 GROSS

2008

| | | | OFFICE | 100 GROSS | 6 |
|-----------|--|---|------------------------|---------------|------|
| 5 STORIES | | FIRST FLOOR: ASSEMBLY CORE: TOTAL FIRST FLOOR OCCUP SECOND FLOOR: CONVENT: LOWER LEVEL: | MECH./ELEC./DATA/STOR. | 300 GROSS | 1 |
| 4 STORIES | | | SUB-TOTAL | | 373 |
| 3 STORIES | | | OOD TO THE | | 010 |
| 3 STORIES | | | | | |
| 5 STORIES | | TOTAL FIRST FLOOR OCCUPA SECOND FLOOR: CONVENT: | ASSEMBLY | 15 NET | 278 |
| 4 STORIES | | ASSEMBLT CORE. | BUSINESS | 100 GROSS | 11 |
| 101011120 | | | SUB-TOTAL | | 289 |
| | | | | | |
| | | TOTAL FIRST FLOOR OCC SECOND FLOOR: CONVENT: | TOTAL | | 736 |
| | | TOTAL FIRST FLOOR OCCU | PANCY | | 1223 |
| | | SECOND FLOOR: | ASSEMBLY | | |
| 9) | | CONVENT: | ASSEMBLY (A-3) | 7 NET/ 15 NET | 155 |
| | | | RESIDENTIAL(R-2) | 200 GROSS | 64 |
| LER | | | | | |
| LLIX | | | TOTAL | | 219 |
| | | LOWER LEVEL: | ASSEMBLY | 15 NET | 391 |
| I ER | | | STAGE | 15 NET | 38 |

BUSINESS

LOCKER

TOTAL BUILDING OCCUPANCY

STORAGE/MECH

KITCHEN-COMMERCIAL

ALTAR

MEETING

5.0 ΔΙΙΟWARI F HFIGHT & ΔRFΔ 119.885

| 3.0 ALLOWABLE REIGHT & AREA 113,000 | | | | |
|-------------------------------------|------------------|-----------------------------------|--|--|
| FLOOR | ACTUAL AREA (SF) | ALLOWABLE AREA (SF) PER IBC 506.2 | | |
| COTTAGE A - (I-1) | 14,638 | 40,000 | | |
| COTTAGE B - (I-2) | 14,368 | 44,000 | | |
| COTTAGE C - (B) | 14,368 | 92,000 | | |
| COTTAGES D,E,F (R-2) | 14,368 X 3 | 64,000 X 3 | | |
| CORE/ 1ST FLOOR | 40,269 | 64,000 X 3 | | |
| LOWER LEVEL | 58,455 | 92,000 | | |
| 2nd FLOOR | 13,017 | 64,000 | | |
| TOTAL | 191,357 | | | |

CALCULATION FRONTAGE INCREASE: 7.3% = 1,679 SF AREA ALLOWED/FLOOR: 92,000 SF (SPRINKLERED) TOTAL AREA ALLOWED: 93,679 SF X 4 STORIES = 374,716 SF

ALLOWABLE HEIGHT: 4 STORIES ACTUAL HEIGHT: 2 STORIES (INCLUDING BASEMENT)

6.0. CONSTRUCTION CLASSIFICATION

| IBC-2015 (TABLE - 601) | IBC 2015 TYPE IIB |
|--------------------------|----------------------|
| STRUCTURAL FRAME | 0 |
| EXTERIOR BEARING WALL | 0 |
| EXTERIOR NONBEARING WALL | 0 |
| INTERIOR BEARING WALL | 0 |
| INTERIOR NONBEARING WALL | 0 |
| FLOOR CONSTRUCTION | 0 |
| ROOF CONSTRUCTION | 0 |

COMBUSTIBLE MATERIAL IN TYPE II CONSTRUCTION

- (IBC SECTION 603)
- FIRE-RETARDANT-TREATED WOOD SHALL BE ALLOWED IN:
- NONBEARING PARTITIONS (LESS THAN 2 HR WALL) NONBEARING EXTERIOR WALLS WITH NO FIRE RATING
- ROOF CONSTRUCTION
- THERMAL & ACOUSTIC INSULATION WITH A FLAME SPREAD LESS THAN 25
- FOAM PLASTIC (SEE IBC SECTION 26) ROOF COVERINGS OF A, B, & C CLASSIFICATIONS
- INTERIOR WOOD FLOORS, PANELING, TRIM, DOORS, ETC. PLATFORMS PER IBC 410 BLOCKING FOR HANDRAILS, CABINETS, WINDOW & DOOR FRAMES
- MASTICS AND SEALANTS NAILING AND FURRING STRIPS

FIRE-RESISTANCE RATING REQUIREMENTS

| DING | CIDE | DATINGQ. | |
|------|------|----------|--|

| | IBC 2015 TYPE IIB |
|---|----------------------|
| FIRE WALLS - USE GROUP B -COTTAGE C | 2 |
| :PROTECTIVE OPENING RATING | 1 1/2 |
| (OTHER FIRE BARRIERS: 3/4 HR.) | |
| FIRE ENCLOSURE OF EXITS (1022) | 1 |
| :PROTECTIVE OPENING RATING | 1 |
| *EXTERIOR WALL IN A EXIT: NO RATING TABLES 601 & 602 | |
| SHAFTS AND ELEVATOR HOIST WAYS (713) | 1 < 4 STORIES |
| :PROTECTIVE OPENING RATING (714) | 1 |
| \ / | 0 |
| SMOKE BARRIER | Į U |
| | U |
| SMOKE BARRIER | U |
| \ / | Ι Λ |

*GLAZING IN EXIT ENCLOSURE DOORS, IBC TABLE 716.5: 100 SQ. IN. AREA

*FIRE DOORS CLOSING, IBC 716.5: DOORS SHALL BE SELF-CLOSING

DOORS SHALL BE SECURED W/ LATCH WHEN CLOSED

7.2. ELEVATOR

• ELEVATOR SHAFT - I HR RATED

8.1. INTERIOR FINISH REQUIREMENTS: WALL & CEILING

| IBC-2015 (TABLE - 803.11) | CLASS | |
|-------------------------------|-------|-----|
| | В | A-3 |
| VERTICAL EXITS & PASSAGEWAYS: | В | В |
| CORRIDORS: | С | В |
| ROOMS & ENCLOSED SPACES: | С | С |

*1. CLASS C SHALL BE PERMITTED IN ADMINISTRATION SPACE *2. CLASS C SHALL BE PERMITTED IN ROOM WITH A CAPACITY OF FOUR PERSONS OR

8.2. INTERIOR FINISH REQUIREMENTS: FLOOR (IBC 804.1) CLASSIFICATION, IBC 804.4.2 EXCEPTION: FINISH MUST COMPLY

WITH DOC FF-1 "PILL TEST"

9.1. FIRE PROTECTION SYSTEM REQUIREMENTS:

AND MAINTAINED IN ACCORDANCE WITH IBC 2015 SUPERVISORY SERVICE, IBC 901.6.1: AUTO. SPRINKLER SYSTEMS SHALL

PROTECTION SYSTEMS SHALL BE INSTALLED, REPAIRED, OPERATED

BE MONITORED BY AN APPROVED SUPERVISING STATION. SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED

IN ACCORDANCE WITH NFPA 13

SMOKE CONTROL SYSTEM:

| | REQUIRED | IBC 2015 | NFPA 2012 | PROVIDED |
|--------------------------------|----------|----------|-----------|----------|
| AUTOMATIC SPRINKLERS: | YES | 903 | 9.7.1.1 | YES |
| ALT. AUTOMATIC FIRE SPRINKLER: | NO* | 904 | 9.7.3.1 | NO |
| STANDPIPE SYSTEM: | NO** | 905 | 9.7.4.2 | NO |
| PORTABLE FIRE EXTINGUISHERS: | YES | 906 | 9.7.4.1 | YES |
| FIRE ALARM SYSTEM: | YES | 907 | 9.6.7.1 | YES |

NO 909

9.3.1 NO

*WHERE REQUIRED PER 904.2.1: COMMERCIAL HOOD AND DUCT SYSTEMS ** STANDPIPES, IBC 905: NOT REQUIRED DUE TO BUILDING HT. PORTABLE FIRE EXTINGUISHERS, IBC 906: LOCATE & INSTALL PER NFPA 10 FIRE ALARM & DETECTION SYSTEM, IBC 907: WHERE REQUIRED, IBC 907.2: GROUP B - NOT REQUIRED DUE TO OCCUPANCY LOAD

10.1 MAXIMUM TRAVEL DISTANCE TO EXIT:

| | | USE GROUP B | USE GROUP A-3 |
|---------------------------|----------------|-------------|---------------|
| IBC-2015 (TABLE - 1017.2) | WITH SPRINKLER | 300' | 250' |
| NFPA - 2012 (TABLE A7.6) | WITH SPRINKLER | 300' | 250' |
| PROVIDED | WITH SPRINKLER | 138' MAX | 174' MAX |

10.2 COMMON PATH OF EGRESS TRAVEL:

| | | В | A-3 |
|------------------------------|----------------|------|-----|
| IBC-2015 (1006.3.2) | WITH SPRINKLER | 75' | 75' |
| NFPA - 2012 (TABLE) | WITH SPRINKLER | 100' | 75' |
| ACTUAL MAXIMUM TRAVEL DISTAN | CE | 76' | 0' |

10.3 MINIMUM CORRIDOR WIDTH REQUIREMENTS:

| | REQD. | PROVIDED |
|-------------------|----------|----------|
| IBC-2015 (1020.2) | 44" MIN. | 58" MIN |
| NFPA - 2012 () | 44" MIN. | 58" MIN |

10.4 MAXIMUM DEAD END / DISTANCE:

| USE GROUP: | | В | A-3 | PROVIDED |
|---------------------------|--------------|-----|-----|----------------|
| IBC-2015 (1020.4) | W/ SPRINKLER | 50' | 20' | LESS THAN 20' |
| NFPA - 2012 (TABLE A.7.6) | W/ SPRINKLER | 50' | 20' | 2200 111/11/20 |

10.5 EGRESS WIDTH PER OCCUPANT:

(IBC 1005.1, NFPA 101 7.3.3.1- NFPA GOVERNS):

| | REQL | JIRED | PRO\ | /IDED |
|---------------|--------|--------------|--------|--------------|
| | STAIRS | OTHER EGRESS | STAIRS | OTHER EGRESS |
| | 0.3" | 0.2" | | |
| FIRST FL-CORE | NA | 57.8" | NA | 176" |

10.6. GUARDS & BALUSTRADES

WHERE REQUIRED, IBC 1015.2:

OPEN-SIDED STAIRS, RAMPS, LANDINGS AND FLOOR SURFACES LOCATED MORE THAN 30 IN. ABOVE THE GRADE OR FLOOR BELOW

 HEIGHT, IBC 1015.3: 42 IN. OPENING LIMITATIONS, IBC 1015.4: GUARD PATTERN DOES NOT ALLOW A 4 IN. SPHERE TO PASS THROUGH.

10.11. PANIC HARDWARE

GROUP A SPACE WITH OL> 49

11.1. ACCESSIBLE TOILETS AND UNITS

| SPACE | OCCUPANCY | CLASSIFICATION | ACCESSIBLE | TYPE A | TYPE B |
|----------------|-------------------|----------------|-------------|--------|--------|
| CORE-1ST FLOOR | BUSINESS/ASSEMBLY | B/A | 100% UNISEX | NA | NA |

15. 1 ROOF ASSEMBLIES

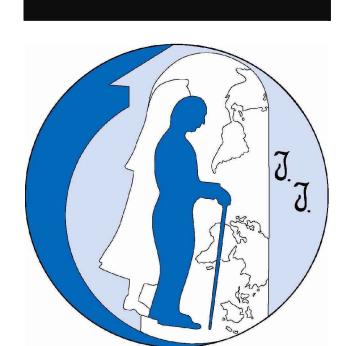
• FIRE CLASSIFICATION, IBC 1505: IIB CONSTRUCTUION - CLASS C CLASS C ROOF: ROOFS EFFECTIVE AGAINST LIGHT FIRE-TEST EXPOSURE. ROOF ASSEMBLIES AND COVERINGS SHALL BE LISTED AND IDENTIFIED AS CLASS C BY APPROVED TESTING AGENCY.

23. 1 PLUMBING FIXTURE REQUIREMENTS

NSPC 2015 TABLE:

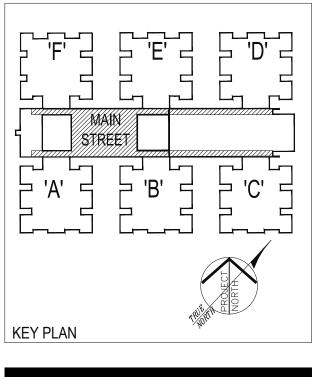
| SPACE | | WAT | ER CLOSET | | | LAV. | | BATHTUB/ | DRINKING | SERVICE |
|----------------|----------|--------|-----------|------|--------|--------|------|----------|----------|---------|
| OI AOL | | UNISEX | FEMALE | MALE | UNISEX | FEMALE | MALE | SHOWER | FOUNTAIN | SINK |
| CORE-1ST FLOOR | REQUIRED | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 1 |
| | PROVIDED | 2 | 0 | 0 | 2 | 0 | 0 | 0 | * | 1 |

* DRINKING WATER PROVIDED WITH FREE-STANDING WATER COOLERS



Little Sisters of the Poor

601 Maiden Choice Lane Baltimore, MD 21228



Gaudreau, Inc. ARCHITECTS | PLANNERS 810 Light Street | Baltimore | Maryland 21230 410 . 837 . 5040 | www.gaudreauinc.com

Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland. License No: 9473 Expiration Date: 04/07/17

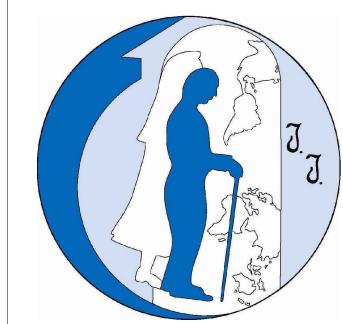
CONSTRUCTION DOCUMENTS 05-09-16

| 03/04/16 |
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| 15046.00 |
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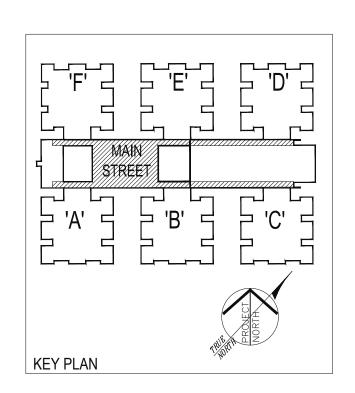
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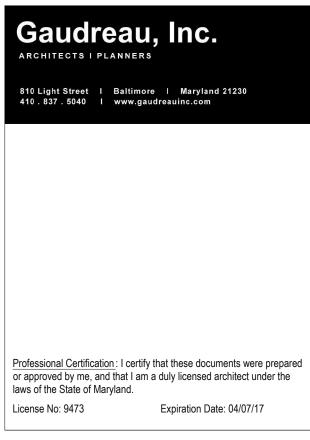
G-012





601 Maiden Choice Lane Baltimore, MD 21228





CONSTRUCTION DOCUMENTS 05-09-16

| Number | Description | Date |
|---------|-------------|----------|
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| | | |
| | | |
| | | |
| Date: | | 03/04/16 |
| Project | Number: | 15046.00 |

FIRE PROTECTION PLAN

G-013

DESIGN LOADS

- A. THE STRUCTURE WAS DESIGNED FOR THE LIVE LOADS SHOWN BELOW AND DEAD LOADS AS REQUIRED BY CONSTRUCTION IN ACCORDANCE WITH IBC 2015. LOADS DUE TO SNOW LOAD BUILD-UP WERE CONSIDERED IN DESIGN OF STRUCT-URAL COMPONENTS ADJACENT TO PARAPETS, HIGH BUILDING WALLS, ETC. INCREASE IN THESE LOADINGS, DUE TO CHANGE IN FUNCTION, CONSTRUCTION MATERIALS, ETC., TO HAVE WRITTEN APPROVAL FROM THE DESIGNING STRUCTURAL ENGINEER.
- B. LIVE LOADS SHOWN BELOW ARE IN POUNDS PER SQUARE FOOT (PSF).
- ROOF LIVE LOAD: GROUND SNOW LOAD (PG): 30 FLOOR LIVE LOAD: FLAT ROOF SNOW LOAD(PF): 25
- CORRIDORS & STAIRS: 100 SNOW LOAD IMPORTANCE FACTOR: 1.0 SNOW EXPOSURE FACTOR (Ce): 1.0

THERMO FACTOR (Ct): 1.0

- WIND CRITERIA: ULTIMATE DESIGN WIND SPEED: 115 MPH (3 SECOND GUST)
- NOMINAL DESIGN WIND SPEED: 90 MPH (3 SECOND GUST) RISK CATEGORY: II WIND EXPOSURE CATEGORY: B
- INTERNAL PRESSURE COEFFICIENT: +/- Ø.18 COMPONENTS & CLADDING (NOMINAL PRESSURE ON 100 SQ.FT. AREA): WALL ZONE 4: -32 & 29 ROOF ZONE 1: -37 & 16
- ROOF ZONES 2&3: -63 & 16 Wall zone 5: -36 & 29 F. SEISMIC CRITERIA: RISK CATEGORY: II SEISMIC IMPORTANCE FACTOR, Ie: 1.0 SITE CLASS: D SEISMIC DESIGN CATEGORY: B Ss = 0.175 Sds = 0.186
- S1 = 0.051 Sd1 = 0.082 BASIC SEISMIC FORCE-RESISTING SYSTEM: DESIGN BASE SHEAR: 0.124 W SEISMIC RESPONSE COEFFICIENT, Cs: 0.124 RESPONSE MODIFICATION COEFFICIENT, R: 1.5
- <u>SHORING</u>

ANALYSIS PROCEDURE: Eq. Lateral Force

- A. PROVIDE SHORING AS REQUIRED TO MAINTAIN STABILITY OF THE STRUCTURE, ADJACENT UTILITIES, CONSTRUCTION, AND EMBANKMENTS DURING THE CONSTRUCTION PERIOD. STRENGTH AND PLACEMENT OF SHORING IS TOTALLY THE RESPONSIBILITY OF THE CONTRACTOR.
- B. PRIOR TO BEGINNING WORK, SUBMIT DRAWINGS SHOWING COMPLETE DETAILS OF SHORING PROCEDURES AND ATTACHMENT OF SHORING TO OTHER MEMBERS AND EXISTING FRAMING. THESE DRAWINGS ARE TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER (REGISTERED IN Maryland). THESE DRAWINGS ARE SUBMITTED FOR RECORD PURPOSES ONLY AND DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR STRENGTH AND PLACEMENT OF SHORING MATERIALS.
- C. REMOVE FINISHES, SUCH AS PLASTER, STUCCO, ETC., SO THAT SHORING WILL BE IN DIRECT CONTACT WITH STRUCTURAL MEMBERS.
-). WHERE SPACES BETWEEN SHORING AND EXISTING MEMBERS EXIST, DRIVE HARDWOOD WEDGES SNUG AND TOE NAIL TO SHORING.

EXISTING CONDITIONS

- A. EXPOSE EXISTING FRAMING AND NOTIFY ARCHITECT PRIOR TO INSTALLATION OF NEW FRAMING.
- B. CONTRACTOR MUST FIELD CHECK AND VERIFY DIMENSIONS AND ELEVATIONS OF EXISTING WORK PRIOR TO FABRICATION OF NEW MATERIALS.
- C. USE NON-DESTRUCTIVE TESTING METHODS TO DETERMINE LOCATION OF REIN-FORCING. DO NOT CUT EXISTING REINFORCING. ADJUST LOCATIONS OF NEW HOLES TO MISS REINFORCING.
- D. RELOCATE EXISTING PLUMBING AND HVAC AS REQUIRED TO ALLOW INSTAL-LATION OF NEW FRAMING.



BEAM PRELOAD

- A. SHORE AND/OR NEEDLE EXISTING FRAMING.
- B. SHIM AND JACK SEQUENTIALLY BETWEEN EXISTING FRAMING AND NEW BEAM, USING STEEL SHIMS WELDED TO BEAM.
- OR DRY PACK BETWEEN EXISTING MASONRY AND NEW BEAM USING NON SHRINK
- OR SHIM BETWEEN EXISTING FRAMING AND NEW BEAMS, USING HARDWOOD WEDGES NAILED TO EXISTING MEMBER. C. JACK ENDS OF NEW BEAM UNTIL SHORES NO LONGER CARRY LOAD.
- D. SHIM BETWEEN BEAMS AND SUPPORTS USING STEEL SHIMS WELDED TO BEAM. E. PRIOR TO BEGINNING WORK SUBMIT, FOR REVIEW, DETAILS OF PROCEDURE, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER (REGISTERED IN Maryland).

<u>SUBMITTALS</u>

- A. BEFORE SUBMISSION OF SHOP DRAWINGS, CONTRACTOR SHALL HAVE DETERMINED AND VERIFIED QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS, AND SIMILAR DATA WITH RESPECT THERETO AND REVIEWED OR COORDINATED EACH SHOP DRAWING WITH OTHER SHOP DRAWINGS AND SAMPLES AND WITH THE REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS.
- B. AFTER CHECKING AND VERIFYING COMPLIANCE WITH CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, CONTRACTOR SHALL SUBMIT, FOR REVIEW, SHOP DRAWINGS REFERENCED IN THE INDIVIDUAL MATERIALS SECTIONS. CONTRACTOR SHALL STAMP OR PROVIDE A SIMILAR WRITTEN INDICATION THAT CONTRACTOR HAS REVIEWED THE SUBMISSION AND IS SATISFIED THAT MATERIALS SHOWN ARE IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- C. A REVIEW PERIOD OF 5 WORKING DAYS WILL BE REQUIRED FOR SHOP DRAWING REVIEW. OF EACH UNIT TYPE. SHOP DRAWING SUBMISSION OF MULTIPLE COMPONENT TYPES WILL REQUIRE ADDITIONAL REVIEW TIME. SHOP DRAWINGS WILL BE FORWARDED TO ARCHITECT OR CLIENT FOR THEIR REVIEW BEFORE RETURNING TO THE CONTRACTOR.

$\langle 2.1 \rangle$

. DEMOLITION INCLUDES CONTROLLED DESTRUCTION OF STRUCTURES AND THE REMOVAL AND DISPOSAL OF DEMOLISHED MATERIALS AS SHOWN ON THE DRAWINGS AND INCLUDED IN THESE NOTES.

DEMOLITION

- B. PERFORM DEMOLITION IN SECTIONS SMALL ENOUGH TO PREVENT DAMAGE OF MATERIALS AND FACILITIES AND FOR EMBANKMENTS TO REMAIN IN PLACE. . PROVIDE ADEQUATE SHORING, BRACING, AND PROTECTION TO PREVENT MOVEMENT, SETTLEMENT, COLLAPSE OR DAMAGE TO EXISTING MATERIALS AND FACILITIES AND FOR EMBANKMENTS TO REMAIN. SUBMIT COMPLETE DETAILS OF SHORING PROCEDURES SIGNED BY A PROFESSIONAL ENGINEER (REGISTERED IN THE JURISDICTION WHERE THE PROJECT IS LOCATED) PRIOR TO BEGINNING
-). PROMPTLY REPAIR DAMAGES CAUSED BY THE DEMOLITION TO ADJACENT FACILITIES, MATERIALS, OR EMBANKMENTS AT NO COST TO THE OWNER.
- . PROMPTLY REMOVE FROM SITE AND PROPERLY DISPOSE OF DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM THE DEMOLITION.

<u>UNDERPINNING</u>

- A. UNDERPINNING SHALL BE WIDTH NOTED AND SHALL BE POURED CONCRETE. SEE CONCRETE NOTES FOR MATERIALS.
- B. INSTALL UNDERPINNING IN LENGTHS SMALL ENOUGH AND SPACED FAR ENOUGH APART TO PREVENT DAMAGE TO THE SUPERSTRUCTURE. TAKE CARE TO ENSURE AGAINST LOSS OF EARTH BEHIND THE WALL. EXCAVATE NO UNDERPINNING SEGMENTS LONGER THAN FOUR FEET AND NO TWO SEGMENTS CLOSER THAN TWELVE FEET CLEAR FROM ONE ANOTHER. IT IS SOLELY THE CONTRACTORS RESPONSIBILITY TO SEE THAT THE UNDERPINNING IS DONE PROPERLY AND THAT SUCH UNDERPINNING WILL NOT DAMAGE OR ENDANGER THE SUPER-STRUCTURE OF THIS OR ADJOINING BUILDINGS.
- C. KEY UNDERPINNING SEGMENTS TOGETHER WITHIN A MINIMUM OF ONE TWO-BY-FOUR INCH VERTICAL KEY AT EVERY JOINT.
- D. CONTRACTOR IS RESPONSIBLE FOR EXISTING WORK AND SHALL REPAIR OR REPLACE TO ITS PRESENT CONDITION ANY DAMAGE OR INJURY CAUSED DURING UNDERPINNING AT NO CHANGE IN THE CONTRACT PRICE.
- . PROVIDE NECESSARY TEMPORARY SHORING DURING THE UNDERPINNING OPERATIONS TO PREVENT DAMAGE TO ADJACENT WORK.
- . PRIOR TO POURING CONCRETE, CONTRACTOR/OWNER SHALL EMPLOY A PROFESSIONAL GEOTECHNICAL ENGINEER (REGISTERED IN Maryland) TO VERIFY THAT THE SOIL BEARING CAPACITY MEETS THAT SPECIFIED IN THE GENERAL NOTES.

FOUNDATIONS

- . A SOIL BEARING CAPACITY OF 2000 PSF WAS USED FOR FOOTING DESIGN. ENGAGE THE SERVICES OF A GEOTECHNICAL ENGINEER TO VERIFY EXCAVATIONS AND SOIL BEARING CAPACITY. IF SOIL OF THIS CAPACITY IS NOT ENCOUNTERED AT ELEVATIONS INDICATED, CONTACT ENGINEER OF RECORD
- B. INSTALL FOOTING BOTTOMS 1'-0" MINIMUM BELOW EXISTING GRADE OR COMPACTED FILL, WHICHEVER IS HIGHER.
- . INSTALL EXTERIOR FOOTING BOTTOMS 2'-6" MINIMUM BELOW FINISH GRADE.). BASEMENT AND FOUNDATION WALLS ARE DEPENDENT UPON THE COMPLETED INSTALLATION OF FLOORS AND ROOFS FOR THEIR STABILITY. DO NOT PLACE BACKFILL UNTIL THESE ELEMENTS ARE COMPLETELY INSTALLED, OR PROVIDE
- SHORING AND BRACING. . COMPACT FILL AND BACKFILL TO 95% OF ASTM D-698 (1557). PERFORM FILL AND BACKFILL OPERATIONS UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER.
- . PRIOR TO POURING CONCRETE, ENGAGE THE SERVICES OF A PROFESSIONAL GEOTECHNICAL ENGINEER (REGISTERED IN Maryland), TO PERFORM TESTS, BORINGS, ETC., REQUIRED TO CERTIFY THAT THE SOIL BEARING CAPACITY MEETS OR EXCEEDS THAT SHOWN IN THE GENERAL NOTES ABOVE. GEOTECHNICAL ENGINEER SHALL VERIFY SUBGRADE CAPACITIES PRIOR TO INSTALLATION OF DRAINAGE FILL AND MOISTURE BARRIER.

<u>CONCRETE</u>

- A. UNLESS GOVERNED BY BUILDING CODE OR LOCAL AMENDMENTS: CONCRETE WORK
- INCLUDING FORMING, MIXING, PLACING AND CURING SHALL BE IN ACCORDANCE WITH ACI 301. PLACEMENT OF REINFORCING SHALL BE IN ACCORDANCE WITH ACI 315 and 318. WHEN THERE IS A CONFLICT, THE MOST STRINGENT IS TO
- B. SUBMIT COMPLETE SHOP AND ERECTION DRAWINGS FOR REVIEW PRIOR TO FABRICATION OR ERECTION. REPRINTS OF CONTRACT DRAWINGS ARE NOT ACCEPTABLE. SUBMIT DESIGN MIXES FOR EACH CLASS OF CONCRETE PRIOR TO
- C. CONCRETE REINFORCING: ASTM A-615, GRADE 60.
- D. WELDED WIRE REINFORCEMENT: ASTM A-185. E. PORTLAND CEMENT: ASTM C-150, TYPE I.
- F. BLENDED HYDRAULIC CEMENT: ASTM C-595.
- G. FLY ASH: ASTM C-618, CLASS F (25% MAX.)
- I. AGGREGATE: ASTM C-33. 1" MAXIMUM FOR FOOTINGS, WALLS AND SLABS ON GRADE, ?" MAXIMUM FOR THIN SLABS AND 3/8" FOR WALL FILL. . CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF: 3,000 PSI.
- COMPRESSIVE STRENGTH OF: 3,500 PSI. C. WATER CEMENT RATIO NOT TO EXCEED 0.54 FOR 3,000 PSI CONCRETE AND

J. EXTERIOR CONCRETE TO BE AIR-ENTRAINED AND SHALL HAVE A 28 DAY

- 0.45 FOR AIR ENTRAINED CONCRETE. INSTALL WELDED WIRE REINFORCEMENT 2" BELOW UPPER SURFACE OF CONCRETE
- M. REINFORCING FOR FOOTINGS AND OTHER CONCRETE USING EARTH FORMS SHALL HAVE 3" CONCRETE COVER. REINFORCING FOR CONCRETE EXPOSED TO GROUND OR WEATHER AFTER REMOVAL OF FORMS SHALL HAVE 2" CONCRETE COVER. REINFORCING SHALL HAVE 3/4" CONCRETE COVER FOR SLABS AND WALLS AND 1 1/2" COVER FOR BEAMS, GIRDERS, AND COLUMNS.
- N. LAP CONTINUOUS FOOTING REINFORCING 48 BAR DIAMETERS AT SPLICES.). USE A WATER REDUCING ADMIXTURE IN ALL CONCRETE.
- P. USE A MINIMUM OF 5 1/2 BAGS OF CEMENT AND A MAXIMUM OF 6 1/2 GALLONS OF WATER PER BAG FOR EACH CUBIC YARD OF CONCRETE.

- Q. SLUMP AS REQUIRED BY ACI (211.1), EXCEPT THAT SLABS-ON-GRADE AND THIN-FRAMED SLABS SHALL HAVE A MAXIMUM SLUMP OF 4". SHOULD EXTRA WATER BE REQUIRED BEFORE DEPOSITING CONCRETE AND WATER/CEMENT RATIO OF ACCEPTED MIX DESIGN HAS NOT BEEN EXCEEDED, GENERAL CONTRACTOR'S SUPERINTENDENT SHALL HAVE SOLE AUTHORITY TO AUTHORIZE ADDITION OF WATER. ANY ADDITIONAL WATER ADDED TO MIX AFTER LEAVING BATCH PLANT SHALL BE INDICATED ON THE TRUCK TICKET AND SIGNED BY PERSON
- RESPONSIBLE. SUBMIT COPY OF TRUCK TICKET FOR REVIEW. A. AIR ENTRAIN EXTERIOR EXPOSED CONCRETE 5% +/- 1%.

. NO CALCIUM CHLORIDE WILL BE PERMITTED IN CONCRETE.

- . ENGAGE THE SERVICES OF A TESTING AGENCY APPROVED BY THE ARCHITECT TO PERFORM TESTS OF CONCRETE. TAKE A MINIMUM OF 5 CYLINDERS FOR EACH CLASS OF CONCRETE POURED IN ANY ONE DAY. PERFORM 1 SLUMP TEST PER TRUCK LOAD OF CONCRETE.
- J. PROVIDE TWO COMPRESSION TESTS AT 7 DAYS, TWO AT 28 DAYS, AND RETAIN ONE TEST FOR ADDITIONAL TESTING AS REQUIRED. COMPRESSIVE STRENGTH OF CONCRETE AT 7 DAYS TO ACHIEVE AT LEAST 65% OF MINIMUM DESIGN STRENGTH.

- A. UNLESS GOVERNED BY BUILDING CODE OR LOCAL AMENDMENTS: MANUFACTURE AND INSTALL MASONRY IN ACCORDANCE WITH (ACI 530/ASCE 5/TMS 402),(ACI 530.1/ASCE 6/TMS 602). WHEN THERE IS A CONFLICT, THE MOST STRINGENT IS TO APPLY.
- B. BLOCK: CONCRETE MASONRY UNITS: 1,900 PSI COMPRESSIVE STRENGTH (AVERAGE OF THREE UNITS). ASTM C-90 WITH MINIMUM DENSITY OF 125 LBS. PER CU. FT. FOR NORMAL WEIGHT UNITS.
- DESIGNED ? m: 1,500 PSI. AT 28 DAYS. D. BLOCK USED IN EXTERIOR WALLS, INTERIOR BEARING WALLS, AND WALLS WITH VERTICAL STEEL REINFORCING SHALL BE MANUFACTURED AND LAID SUCH THAT WEBS ARE IN COMPLETE ALIGNMENT
- . MORTAR: ASTM C-270 TYPE S. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS
- . GROUT FOR WALL FILL: ASTM C-476, 2000 PSI MINIMUM AT 28 DAYS WITH 65% OF STRENGTH AT 7 DAYS. USE FINE AGGREGATE SIZE #1 IN ACCORDANCE WITH ASTM C-404. MIX TO A SLUMP OF 8 TO 11 INCHES UTILIZING WATER REDUCING ADMIXTURES. FLY ASH AND BLAST-FURNACE SLAG (UP TO 25%) MAY BE USED. HOWEVER, FLY ASH AND BLAST-FURNACE SLAG CAN PRODUCE SLOWER INITIAL STRENGTH GAIN, WHICH NEEDS TO BE CONSIDERED IN COLD WEATHER.
- G. GROUT FOR BOLT EMBEDS AND UNDER BEAM OR BASE PLATES: ASTM C-1107, 5000 PSI, NON-SHRINK.
- H. REINFORCING: ASTM A-615, GRADE 60.
- . SINGLE WYTH 6" THICK OR MORE CONSTRUCTED WITH BRICK, BLOCK, OR ANY COMBINATION THEREOF (EXCEPT 4" VENEERS SEPARATED BY AIR SPACE) SHALL HAVE GALVANIZED LADDER TYPE HORIZONTAL JOINT REINFORCING AT 16" O/C MAXIMUM WITH PREFABRICATED CORNER AND "T" PIECES UNLESS NOTED. PARAPET WALLS SHALL HAVE HORIZONTAL JOINT REINFORCING AT 8" O/C. LAP SPLICES 6" MIN. PROVIDE AN ADDITIONAL ROW ABOVE AND BELOW OPENINGS AND EXTEND 2'-0" BEYOND JAMBS. STOP HORIZONTAL JOINT REINFORCING EACH SIDE OF CONTROL AND EXPANSION JOINTS.
- . HORIZONTAL JOINT REINFORCING SHALL BE IN ACCORDANCE WITH ASTM A-951, SHALL BE MANUFACTURED FROM 9 GAGE (Ø.148) MIN. COLD DRAWN STEEL WIRE CONFORMING TO ASTM A-82, AND SHALL CONSIST OF TWO DEFORMED LONGITUDINAL SIDE RODS WELDED AT 16" PLUS OR MINUS INTERVALS TO A PERPENDICULAR CROSS ROD FORMING A LADDER DESIGN. CROSS ROD AND SIDE RODS SHALL BE LOCATED IN THE SAME PLANE AS THE LONGITUDINAL RODS. OUT-TO-OUT SPACING OF SIDE RODS SHALL BE APPROXIMATELY 2" LESS THAN THE NOMINAL WALL THICKNESS.
- K. JOINT REINFORCEMENT IN INTERIOR WALLS TO BE MILL GALVANIZED IN ACCORDANCE WITH ASTM A-641, CLASS I (0.35 OZ./SQ. FT.). . JOINT REINFORCEMENT IN EXTERIOR WALLS TO BE HOT DIPPED GALVANIZED, AFTER FABRICATION, IN ACCORDANCE WITH ASTM A-153, CLASS B2 (1.80 OZ./SQ. FT.).
- M. FILL WALL FOR JOIST BEARING WITH GROUT CONTINUOUS MINIMUM 2'-0" DEEP FOR "K" SERIES STEEL JOISTS, A MINIMUM 2'-8" DEEP FOR "LH" SERIES STEEL JOISTS, AND A MINIMUM 1'-4" DEEP FOR WOOD JOISTS.
- N. CONTINUOUS BEARING COURSE SHALL BE 8" DEEP X 16" MIN. LONG C-90 BLOCK UNITS WITH CELLS FILLED SOLID WITH GROUT.
-). FILL CELLS OF BLOCK SOLID WITH MORTAR IN COURSE DIRECTLY BELOW CHANGES IN THICKNESS AND BOND.
- . BLOCK SHALL BE LAID IN FULL BED OF MORTAR, INCLUDING CROSSWEBS. D. WALLS NOTED AS FILLED SOLID AND CELLS CONTAINING VERTICAL REINFORCING SHALL HAVE CORES OF BLOCK FILLED WITH GROUT IN SIX COURSE MAXIMUM LIFTS.
- . MASONRY WALLS SHALL BE CONNECTED TO STEEL COLUMNS AND BEAMS WITH 16 GAGE GALVANIZED WELD ON CHANNEL SLOTS 8" LONG X 1 1/2" WIDE SPACED AT 16" O/C (UNLESS ALTERNATE CONNECTIONS ARE OUTLINED IN SECTIONS). WELD TO BEAM WITH TWO 1/16" FILLET WELDS 1" MINIMUM LONG EACH SIDE OF SLOT (4 TOTAL EACH SLOT). CHANNEL SLOT ANCHORS SHALL BE 3/16" DIAMETER WIRE WITH GALVANIZED COATING IN COMPLIANCE WITH ASTM A-153, CLASS B2 (1.8 OZ/SQ. FT.) SIZED AS REQUIRED TO PROJECT 3" INTO
- MASONRY. SPACE ANCHORS AT 16" O/C. 5. FOR MASONRY TO PARALLEL STEEL JOIST CONNECTIONS, PROVIDE 1/4" ROUND STEEL ROD WITH 4" HOOK, @ 32" O/C. BAR SHALL HAVE 3" MIN. EMBEDMENT IN VERTICAL JOINT OF MASONRY WALL WITH 4" HOOK DOWN. WELD ROD TO TOP OF STEEL JOISTS WITH 3/16" FILLET.
- . WRAP MASONRY ENCASED COLUMNS WITH 1/2" PLUS OR MINUS FIBERGLASS. . PROVIDE CONTROL JOINTS AT 20' MAXIMUM ON CENTER IN MASONRY WALLS.
- J. LAP SPLICES IN REINFORCING 48 BAR DIAMETER MINIMUM. UNLESS NOTED OTHERWISE, VERTICAL REINFORCING TO BE FULL HEIGHT OF WALL AND DOWELED INTO FOOTINGS.
- . (SEE MASONRY INSPECTION NOTES 4.1A). . SUBMIT MATERIAL CERTIFICATION FOR:
- BRICK UNITS BLOCK UNITS MORTAR
- 4. GROUT 5. HORIZONTAL JOINT REINFORCING

- (4.2) MASONRY INSPECTIONS
- A. ENGAGE THE SERVICES OF A QUALIFIED INDEPENDENT TESTING AND INSPECTION AGENCY TO INSPECT MASONRY MATERIALS AND CONSTRUCTION DURING ERECTION.
- LEVEL OF QUALITY ASSURANCE, PER BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5/TMS 402), (ACI 530.1/ASCE 6/TMS 602), SHALL BE:

TABLE 1.14.2 - LEVEL 2

MINIMUM TESTS AND SUBMITTALS

CERTIFICATES FOR MATERIALS USED IN MASONRY CONSTRUCTION INDICATING COMPLIANCE WITH CONTRACT DOCUMENTS.

VERIFICATION OF ? m PRIOR TO CONSTRUCTION EXCEPT WHERE EXEMPTED BY THIS CODE.

MINIMUM INSPECTION

- AS MASONRY CONSTRUCTION BEGINS, VERIFY THE FOLLOWING ARE IN COMPLIANCE:
- PROPORTIONS OF SITE-PREPARED MORTAR.
- CONSTRUCTION OF MORTAR JOISTS. LOCATION OF REINFORCEMENT, CONNECTORS, PRE-STRESSING TENDONS, AND ANCHORAGES.
- PROPORTIONS OF SITE-PREPARED GROUT AND PRE-STRESSING GROUT FOR BONDED TENDONS.
- CONSTRUCTION OF MORTAR JOINTS. VERIFY THAT THE PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE.
- OBSERVE PREPARATION OF GROUT SPECIMENS AND/OR PRISMS. VERIFY COMPLIANCE WITH THE REQUIRED INSPECTION PROVISIONS OF THE CONTRACT DOCUMENTS AND THE APPROVED SUBMITTALS.



STEEL & PRECAST LINTEL SCHEDULE

- . PROVIDE AND INSTALL LINTELS FOR OPENINGS IN MASONRY WALLS (NOT TO BE LIMITED TO OPENINGS SHOWN ON STRUCTURAL PLANS). UTILIZE LINTEL SIZES AS INDICATED ON THE SCHEDULE BELOW, UNLESS NOTED OTHERWISE ON PLAN. (COORDINATE OPENINGS FOR MECHANICAL TRADES, ARCHITECTURAL OPENINGS IN NON BEARING WALLS, ETC.)
- . WELD MULTIPLE ANGLE LINTELS AT ENDS AND 1/3 POINTS OF SPAN. C. SHORE LINTELS TO PREVENT ROTATION DURING CONSTRUCTION.
- D. LINTELS TO HAVE MINIMUM 8" BEARING ON SOLID MASONRY FOR A MINIMUM 16" DEEP EACH END, UNLESS NOTED OTHERWISE.

| MARK | MATERIALS | REMARKS |
|------|---|--|
| L-1 | 1-L4x3½x546 LLV FOR EACH 4" WALL THICKNESS FOR OPENINGS UP TO 6'-0" | FOR CAVITY WALLS, REPLACE 1-L4x3½x5/16 LLV WITH 1-L5x5x3/8 |
| L-2 | 1-L6x3½x5/16 LLV FOR EACH 4" WALL THICKNESS FOR OPENINGS UP TO 6'-1" TO 10'-0" | FOR CAVITY WALLS, REPLACE 1-L6x3½x5/6 LLV WITH 1-L5x5x¾8 |
| L-3 | 1-L8x4x7/6 LLV FOR EACH 4" WALL THICKNESS FOR OPENINGS 10'-0" UP TO 17'-0" | |
| P-1 | 1-4X8 PRECAST MASONRY LINTEL EACH 4" WALL THICKNESS OR 1-6x8 EACH 6" WALL THICKNESS WITH 1-#3 TOP AND 1-#4 BOTTOM BAR | FOR OPENINGS UP TO 3'-0 TO 6'-0" |
| P-2 | 1-4X8 PRECAST MASONRY LINTEL EACH 4" WALL THICKNESS OR 1-6x8 EACH 6" WALL THICKNESS WITH 1-#3 TOP AND 1-#5 BOTTOM BAR | FOR OPENINGS UP TO 6'-1 TO 10'-0" |

STRUCTURAL STEEL

- A. UNLESS GOVERNED BY BUILDING CODE OR LOCAL AMENDMENTS: FABRICATE AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION AND OSHA STEEL ERECTION STANDARDS UNLESS NOTED ON DRAWINGS OR SPECIFICATIONS. WHEN THERE IS A
- CONFLICT, THE MOST STRINGENT IS TO APPLY. . SUBMIT COMPLETE SHOP AND ERECTION DRAWINGS FOR REVIEW PRIOR TO FABRICATION. REPRINTS OF CONTRACT DOCUMENTS ARE NOT ACCEPTABLE. . SUBMIT CALCULATIONS FOR BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS,
- D. STEEL ASTM A-36 FOR ANGLES, CHANNELS, AND MISCELLANEOUS SHAPES. - ASTM A-992 (50 KSI) FOR WF SHAPES.
- . STRUCTURAL TUBES ASTM A-500 (GRADE B). . SUPPLY STEEL LINTELS REQUIRED FOR WALL SUPPORT. LINTELS WILL BE
- G. COLUMN BASE ANCHOR RODS ASTM F-1554, GRADE 36.
- H. HOOKED, HEADED, OR THREADED ANCHOR RODS ASTM A-307, GRADE A. . NUTS - ASTM A-563, HEAVY.

INSTALLED UNDER MASONRY DIVISION.

. WASHERS - ASTM F-436. K. PLATE WASHERS - ASTM A-36.

PLATES EACH SIDE (SEE DETAILS).

- . HIGH STRENGTH BOLTS FOR CONNECTIONS ASTM A-325. M. GROUT FOR UNDER BASE AND BEARING PLATES: ASTM C-1107, 5000 PSI.
- N. WELDERS SHALL BE CERTIFIED IN ACCORDANCE WITH THE A.W.S. O. COORDINATE WELDING ELECTRODES, MACHINES, ETC., WITH TYPE OF STEEL
- BEING WELDED. P. GUY AND BRACE STEEL FRAME TO MAINTAIN STABILITY OF BUILDING. D. ENDS OF BEAMS BEARING ON TOP OF COLUMNS TO HAVE 1/4" STIFFENER
- . COAT STEEL EXPOSED AFTER BUILDING IS COMPLETED WITH ONE SHOP COAT OF AN APPROVED RUST INHIBITIVE PRIMER. PAINT STEEL EXPOSED TO WEATHER AFTER BUILDING IS COMPLETED WITH TWO ADDITIONAL COATS OF RUST INHIBITIVE PAINT AFTER ERECTION. PAINT SHALL BE COMPATIBLE WITH SHOP COAT.
- . ENGAGE THE SERVICES OF AN QUALIFIED INSPECTION AND TESTING AGENCY TO INSPECT STRUCTURAL STEEL PLACEMENT AND CONNECTIONS.



METAL DECK

- A. DESIGN AND MANUFACTURE METAL DECK IN CONFORMANCE WITH THE "SPECI-
- FICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" AS
- B. SUBMIT COMPLETE SHOP AND ERECTION DRAWINGS FOR REVIEW PRIOR TO FABRICATION OR ERECTION. REPRINTS OF CONTRACT DOCUMENTS ARE NOT ACCEPTABLE.
- OTHERWISE NOTED ON DRAWINGS): INTERMEDIATE BEARING 5/8" PUDDLE WELDS AT 18" O/C: PERIMETER END BEARING - 5/8" PUDDLE WELDS AT 12" O/C; SIDE LAPS - #10 SELF TAPPING SCREWS AT 20" O/C; PERIMETER EDGE - 5/8" PUDDLE WELDS AT 20" O/C.
- METAL DECK AND ACCESSORIES.

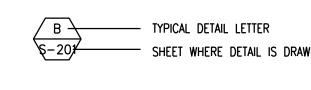


COLD FORMED METAL FRAMING

- A. DESIGN AND INSTALL COLD FORMED METAL FRAMING IN COMPLIANCE WITH THE "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, " LATEST EDITION, AS PUBLISHED BY AISI.
- B. SUBMIT TO THE ARCHITECT FOR REVIEW, PRIOR TO FABRICATION, COMPLETE SHOP DRAWINGS OF LIGHT GAGE FRAMING ELEMENTS. SHOP DRAWINGS SHALL DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION. REPRINTS OF CONTRACT DRAWINGS ARE NOT ACCEPTABLE.
- . PROVIDE A CONTINUOUS STEEL TRACK AT THE TOP AND BOTTOM OF STUD WALLS. HORIZONTAL BRIDGING FOR WALLS UP TO 10'- 0" HIGH TO BE 2 ROWS AND FOR WALL OVER 10'- 0" HIGH TO BE SPACED MAX. 4'- 0" O/C. ON SHOP DRAWINGS.
- WALLS, AND JOISTS SHALL NOT BE LESS THAN 18 GAGE. E. COLD FORMED METAL FRAMING SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-653. MINIMUM G90 COATING FOR MEMBERS IN EXTERIOR WALL
- F. UNLESS NOTED OTHERWISE ON SHOP DRAWINGS, SCREW CONNECTIONS OF STUD-TO-STUD, STUD-TO-TRACK, AND STUD-TO-FRAME USING 2-NO. 8 SELF TAPPING METAL SCREWS AT EACH CONNECTION.

G. PROVIDE DOUBLE JAMB EACH END OF LINTEL, UNLESS NOTED OTHERWISE ON

- BOTTOM OF STUD AT TRACK (TYPICAL). . PROVIDE VERTICAL STUD UNDER EACH JOIST (TYPICAL). . WELD CONNECTIONS OF STUD-TO-STUD, STUD-TO-TRACK, AND STUD-TO-FRAME DRAWINGS. WELDING TO BE PERFORMED IN ACCORDANCE WITH AWS D.1.3, 1981 "STRUCTURAL WELDING CODE-SHEET STEEL." TOUCH UP WELDS WITH
- 14' TO 20' 2 ROWS
- 20' TO 26' 3 ROWS M. ENGAGE THE SERVICES OF AN INDEPENDENT AGENCY TO FIELD INSPECT THE COLD FORMED METAL FRAMING AND COMPONENTS.



DIRECTION OF SECTION

STRUCTURAL ABBREVIATIONS

SLAB ON GRADE

SPRUCE PINE FIR

SQUARE

STIFFENER

TOP AND BOTTOM

/FTG TOP OF FOOTING

TOP OF STEEL

SLAB TOP OF SLAB

HRU THROUGH

TOUNGUE AND GROOVE

UNLESS NOTED OTHERWISE

VERIFY IN FIELD

WITH OUT

WIDE FLANGE BEAM

WELDED WIRE FABRIC

FINISHED FLOOR

GENERAL CONTRACTOR

GLUE LAMINATED BEAM

LONG LEG HORIZONTAL

LAMINATED VENEER LUMBER

LLV LONG LEG VERTICAL

MATERIAL

I MAXIMUM

|MIDHT| MID HEIGTH

MNFR MANUFACTURER

NOT IN CONTRACT

OSB ORIENTED STRAND BOARD

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

PARALLEL STRAND LUMBER

PRESSURE TREATED

NOT TO SCALE

ON CENTER

EXPANSION JOINT PAF POWER ACTIVATED FASTENER

PLWD PLYWOOD

EACH WAY BOTTOM RCP REINFORCED CONCRETE PIPE

REINF REINFORCING

SHEATHING

REQ'D REQUIRED

HSS TUBE STEEL/PIPE COLUMN VERT VERTICAL

| GALV | GALVANIZED

GENERAL

HEADER

7 HORTZONTAL

INSUL INSULATION

MEANING MARK

POUND/NUMBER

PLUS OR MINUS

ANCHOR BOLTS

ALTERNATE

BOTTOM CHORD

BEARING

BLDG BUILDING

CONC CONCRETE

CONN CONNECTION

CONT CONTINUOUS

COORD COORD INATE

ONST CONSTRUCTION

PENNY NAIL

CONTR CONTRACTOR

DRAWING

EACH END

FI FVATOR

EXPANSION

EXTERIOR

FIN FINISHED SIM SIMILAR

EMBED EMBEDMENT

DWL DOWELL

CAMBER

CANT CANTILEVER

CENTERLINE

CONTROL JOINT LBS POUND

ARCH ARCHITECT

BIKG BLOCKING

- PUBLISHED BY AISI.
- C. CONNECT DECK TO SUPPORTING STEEL MEMBERS AS FOLLOWS (UNLESS
- D. ENGAGE THE SERVICES OF AN INDEPENDENT AGENCY TO FIELD INSPECT THE



- INCLUDE COMPLETE SECTION PROPERTIES OF MEMBERS, CONNECTION DETAILS, BRIDGING SIZE, LOCATION AND ERECTION PLANS, AND STRUCTURAL ANALYSIS
- CONNECT BRIDGING TO EACH FLANGE ON EACH STUD. DETAILS SHALL APPEAR
- D. COLD FORMED METAL FRAMING FOR EXTERIOR WALLS, INTERIOR BEARING
- CONSTRUCTION AND G60 FOR INTERIOR WALL FRAMING MEMBERS.
- H. CONNECT STUD FLANGES TO TRACK. STUDS SHALL HAVE FULL BEARING AGAINST INSIDE WEB OF TRACK. NO VOIDS WILL BE PERMITTED AT TOP OR
- USING 2-1/8" FILLET WELDS 1 1/2" LONG, UNLESS OTHERWISE NOTED ON THE
- (ALT) SCREW CONNECTIONS OF STUD-TO-STUD, STUD-TO-TRACK, AND STUD-TO-FRAME USING 2-NO. 8 SELF TAPPING METAL SCREWS AT EACH CONNECTION. K. SPLICES IN STRUCTURAL MEMBERS WILL NOT BE PERMITTED. L. JOIST BRIDGING TO BE 16 GAGE SOLID. CONNECT BRIDGING TO JOISTS WITH

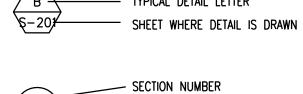
2 - NO. 8 METAL SCREWS TOP AND BOTTOM. SPACE BRIDGING AS FOLLOWS:

ZINC RICH PRIMER AFTER WELDS HAVE BEEN INSPECTED AND APPROVED.

- UP TO 14' 1 ROW

AND USAGE IS NOT LIMITED TO WHERE SPECIFICALLY NOTED.

<u>SYMBOLS</u> A. ALL TYPICAL DETAILS, SECTIONS, AND NOTES ARE GENERAL IN NATURE



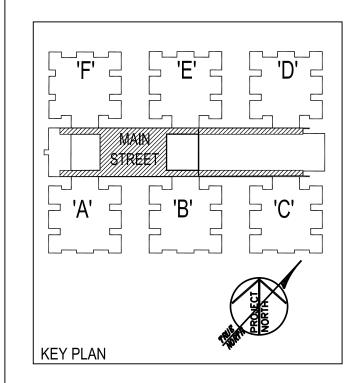
SHEET WHERE SECTION IS DRAWN

Little Sisters of the Poor

601 Maiden Choice Lane

Baltimore, MD 21228 Skarda and Associates Structural Consultants, Inc.





Gaudreau, Inc. RCHITECTS | PLANNERS 810 Light Street I Baltimore I Maryland 21230 410 . 837 . 5040 I www.gaudreauinc.com

CONSTRUCTION SET 05-09-2016

| Number | Description | Date |
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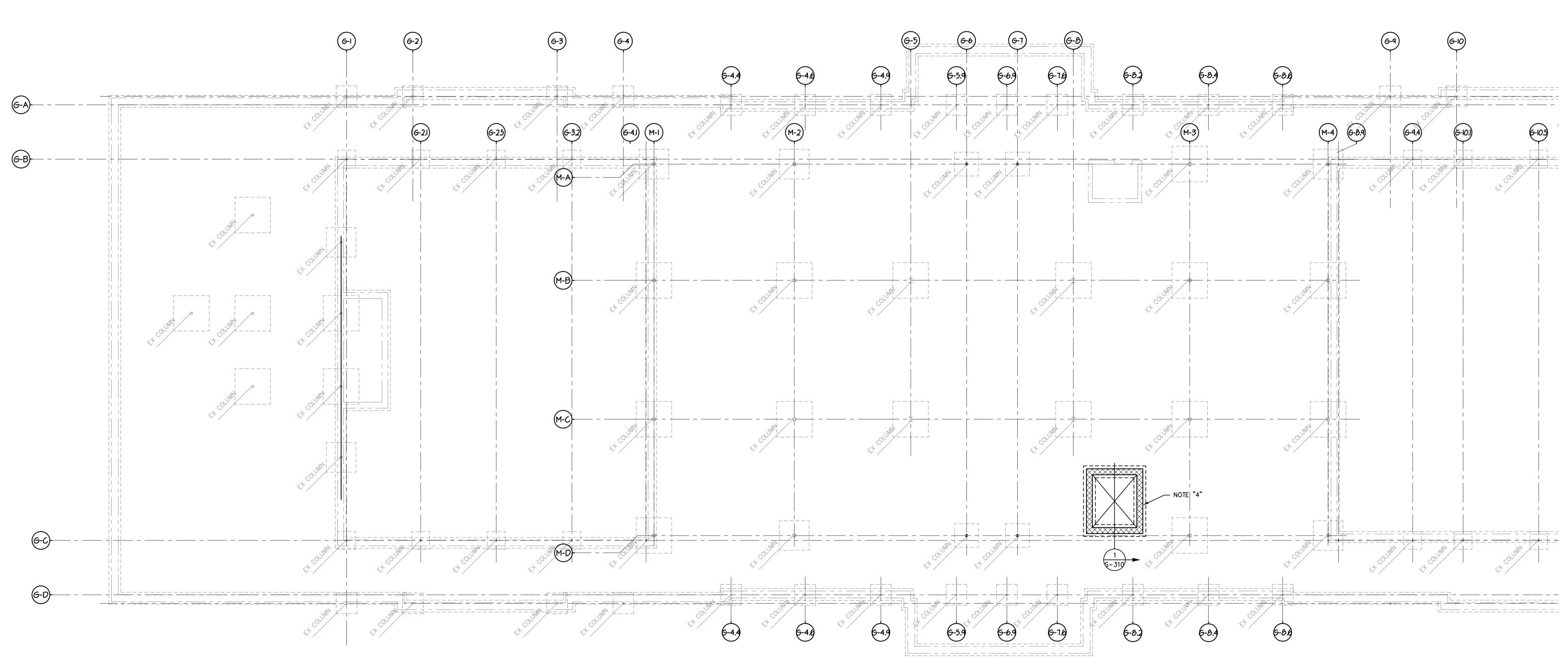
MAIN STREET

GENERAL NOTES

Project Number:

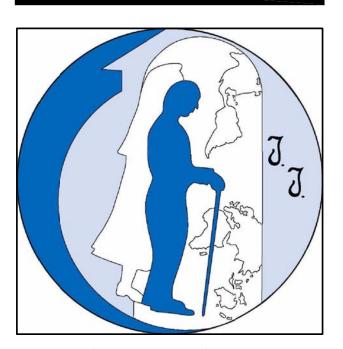
03/04/16

15046.00



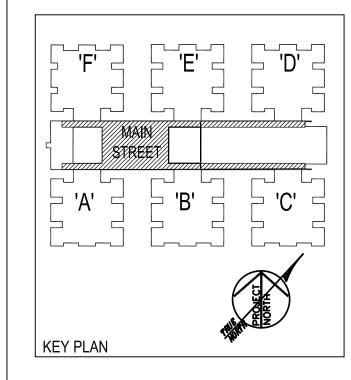


- FLOOR INFILL TO BE 4"CONCRETE SLAB ON GRADE REINFORCED WITH 1-LAYER OF 6X6-W2.9XW2.9 WELDED WIRE MESH. JOINTS IN MESH TO LAP 6" MINIMUM. SLAB SUB-GRADE TO BE 4" WASHED STONE OR GRAVEL COVERED WITH 10 MIL. POLYETHYLENE VAPOR RETARDER. LAP AND TAPE JOINTS.
- 2. EXISTING TOP OF SLAB IS 299.00' +/-. GC V.I.F.
- SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR DEPRESSIONS, TRENCHES, ETC.
- 12" CMU BELOW SLAB, 8" CMU ABOVE SLAB. REINFORCE WALL WITH #5 AT 2'-0" OC FULL HEIGHT OF ELEVATOR SHAFT.



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CONSTRUCTION SET 05-09-2016

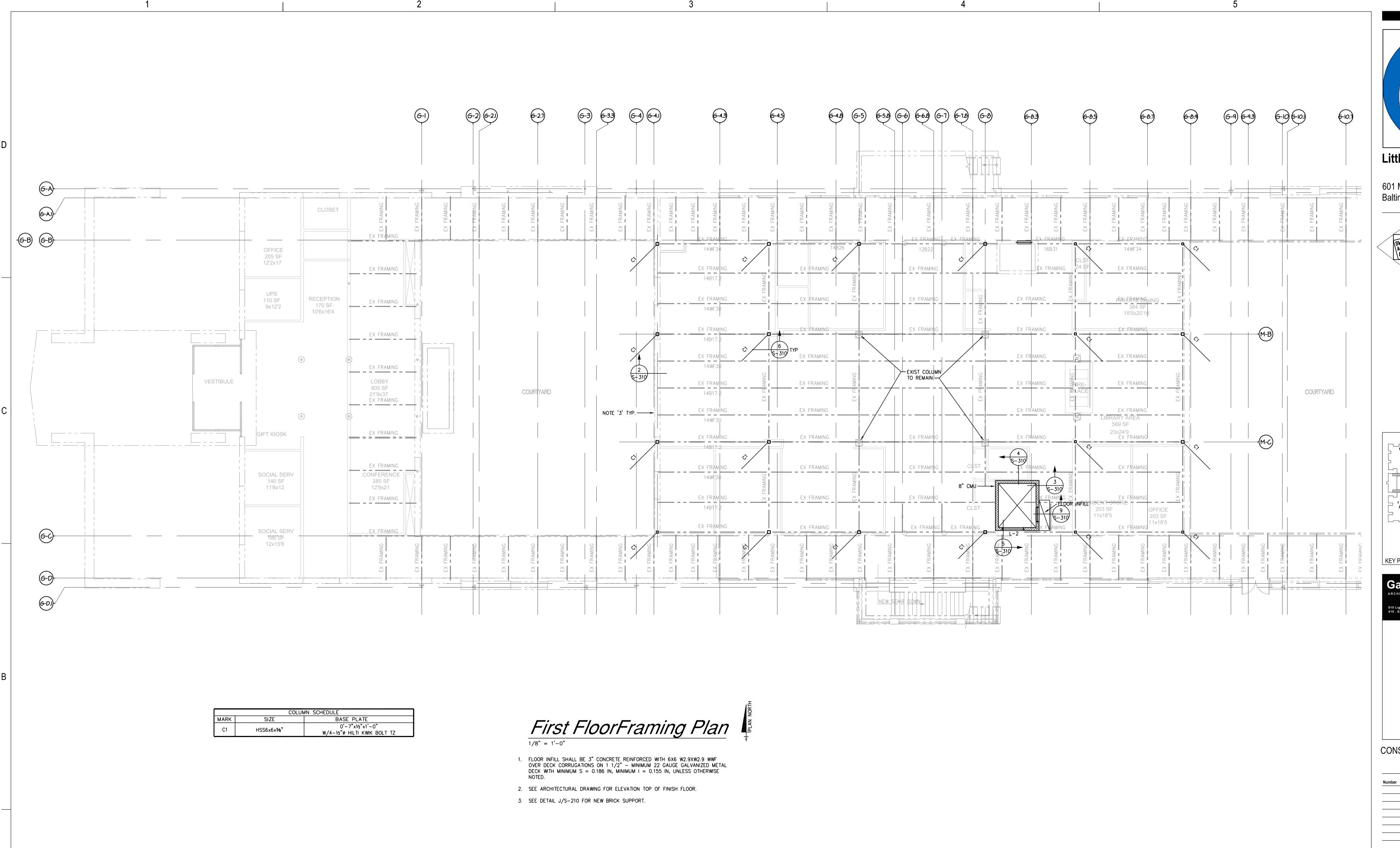
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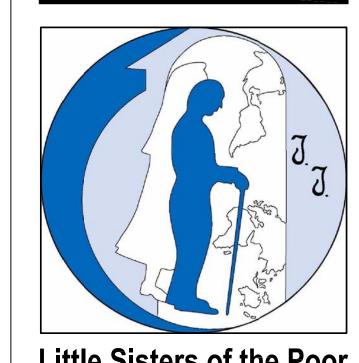
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| Project Number: | 15046.0 |

MAIN STREET
STRUCTURAL
FOUNDATION
PLAN

S-110

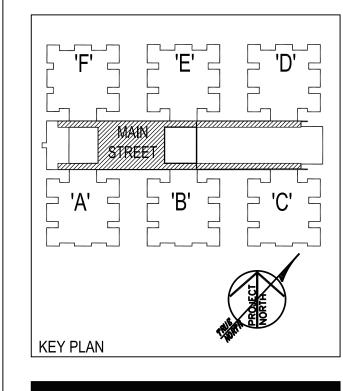
0' 8' 16' 32'





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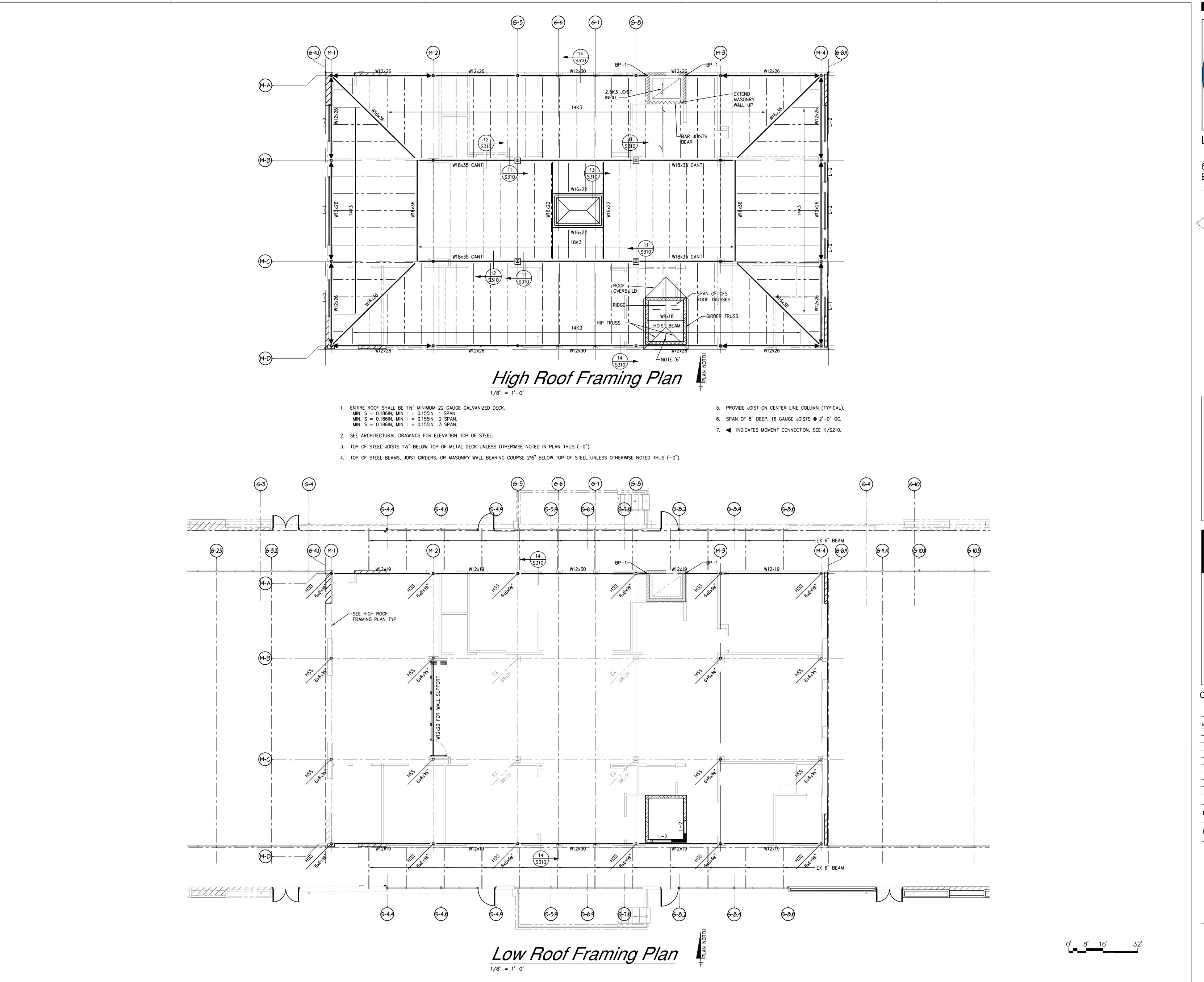
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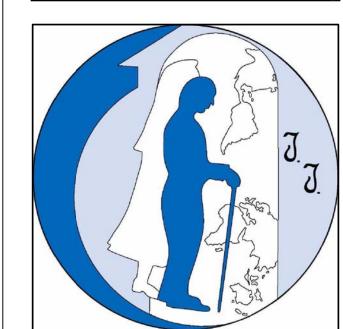
CONSTRUCTION SET 05-09-2016

03/04/16 15046.00

0' 8' 16' 32'

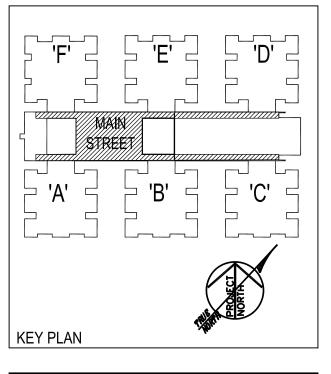
MAIN STREET STRUCTURAL FIRST FLOOR FRAMING PLAN





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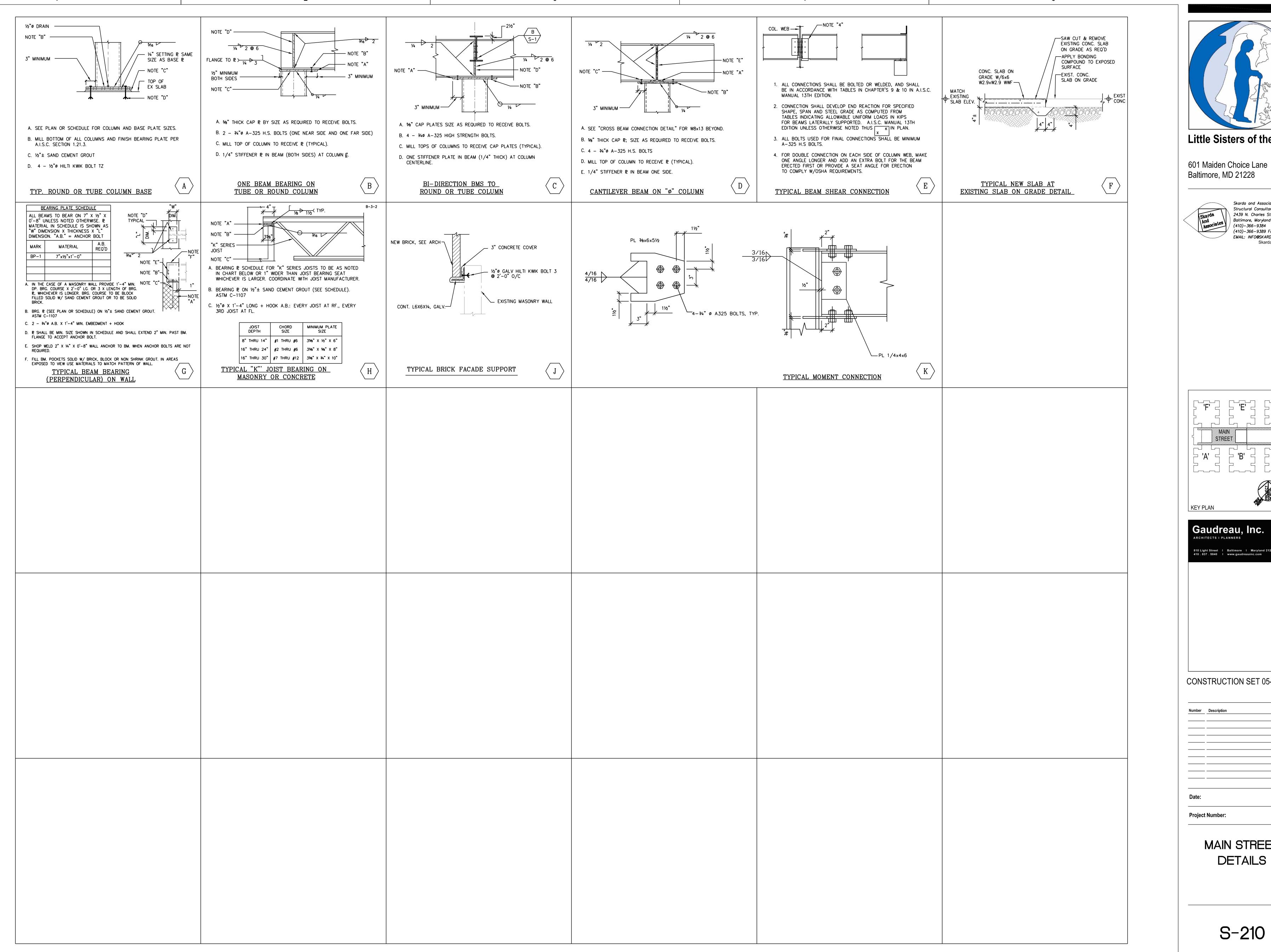
CONSTRUCTION SET 05-09-2016

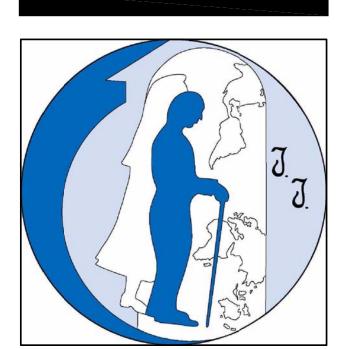
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 Date:
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 Project Number:
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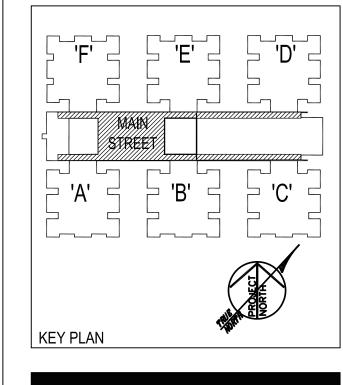
MAIN STREET
STRUCTURAL
ROOF FRAMING
PLAN





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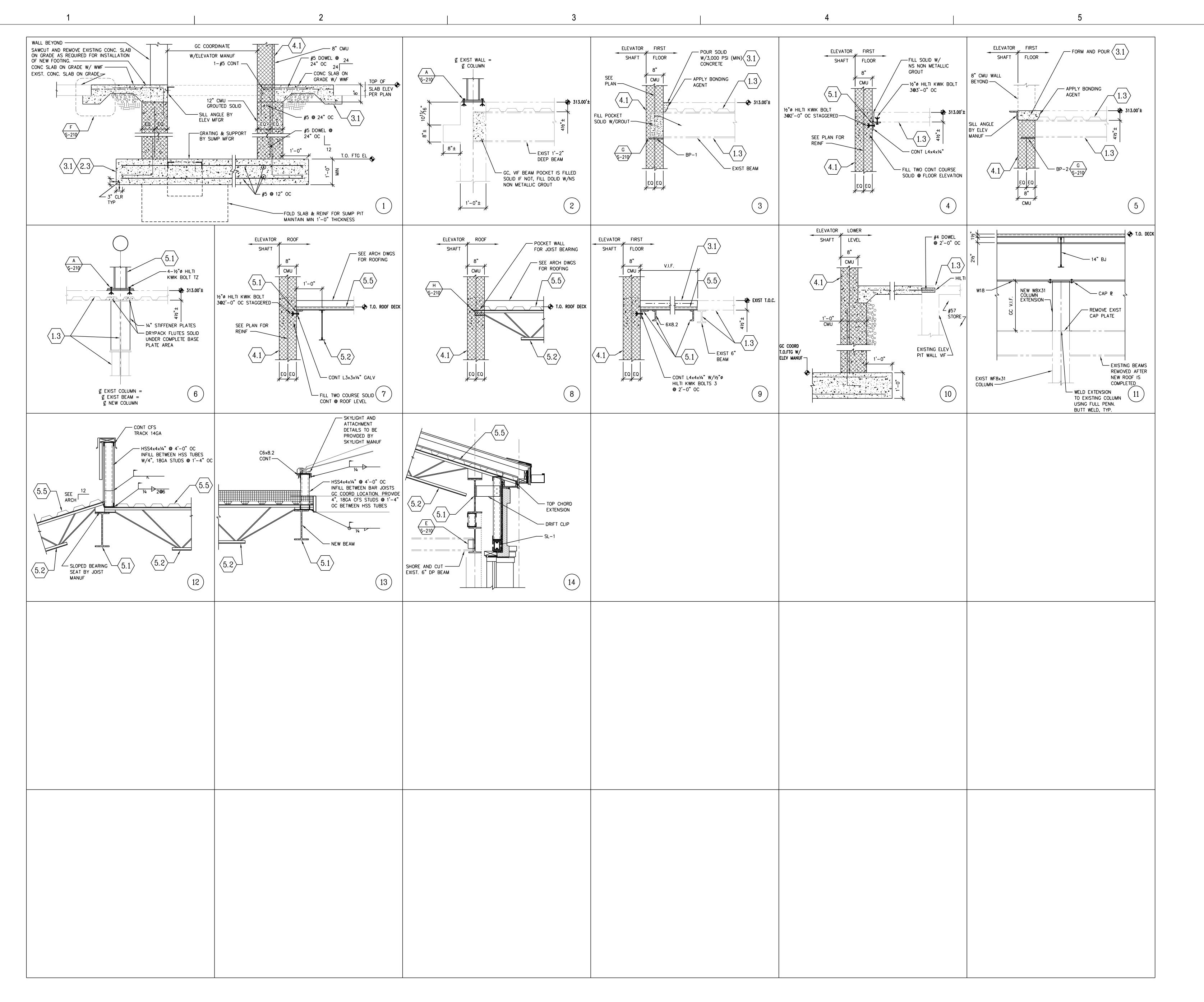


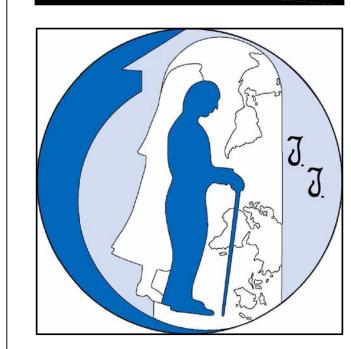
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CONSTRUCTION SET 05-09-2016

| Date: | 03/04/16 |
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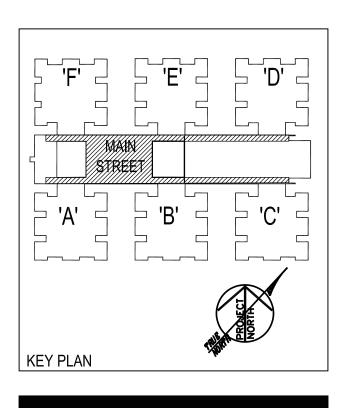
MAIN STREET **DETAILS**





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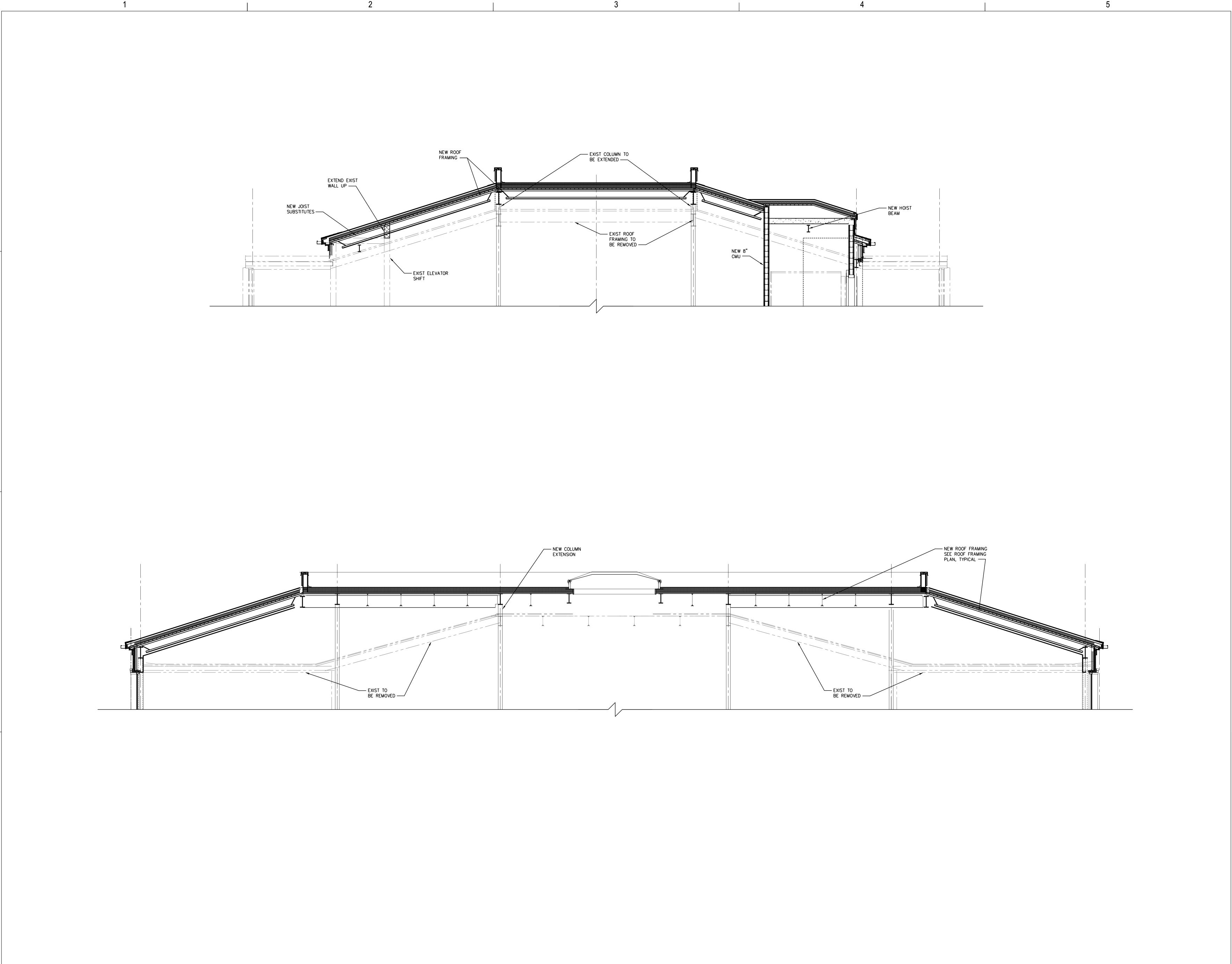
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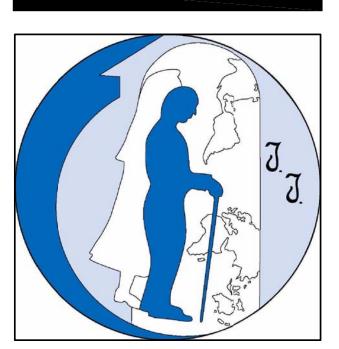
CONSTRUCTION SET 05-09-2016

Number Description

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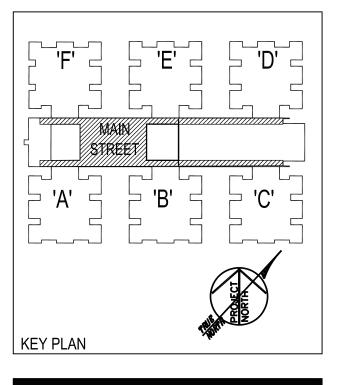
MAIN STREET
DETAILS





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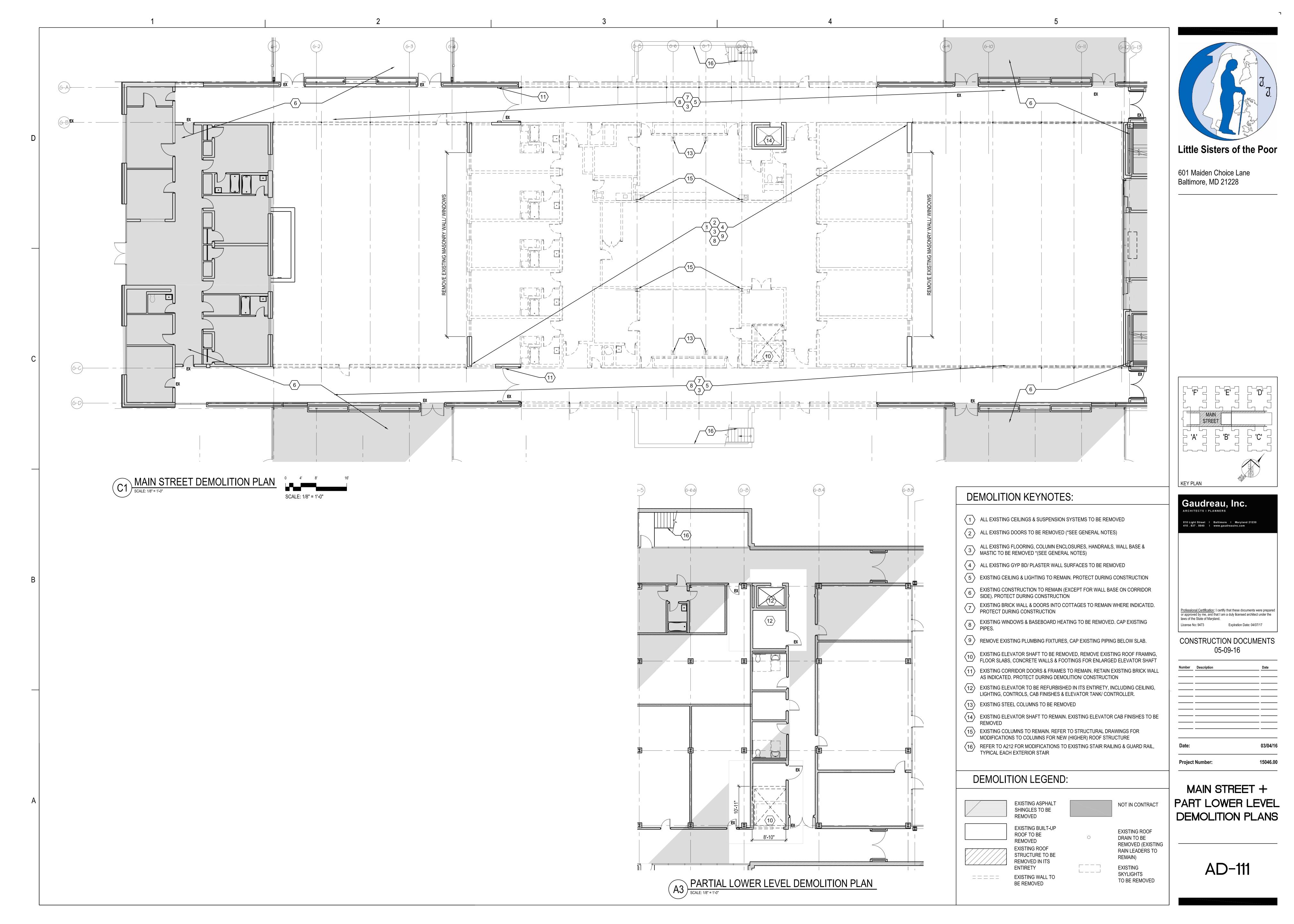
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CONSTRUCTION SET 05-09-2016

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| Project Number: | 15046.00 |
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MAIN STREET ELEVATIONS



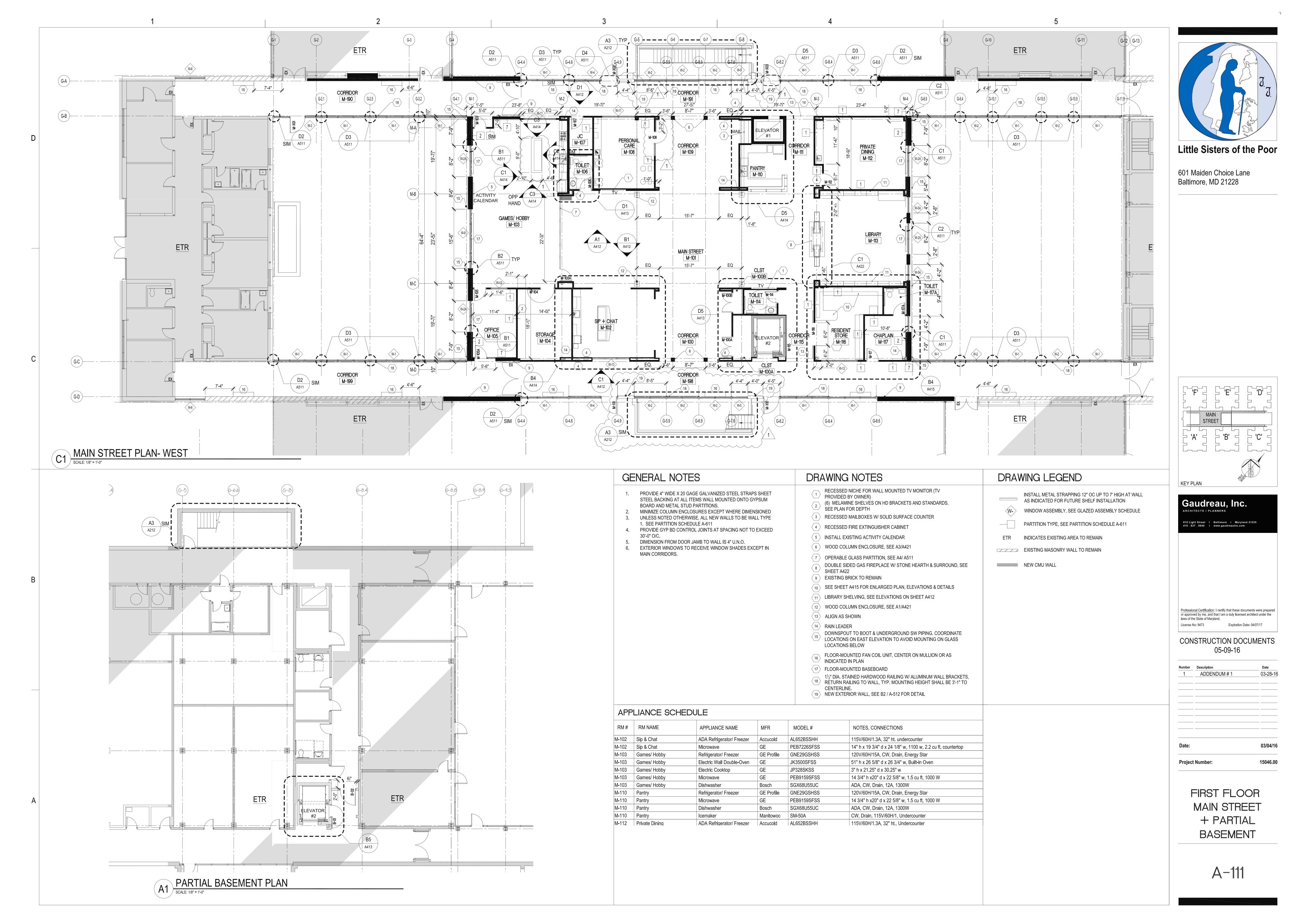
SKYLIGHTS

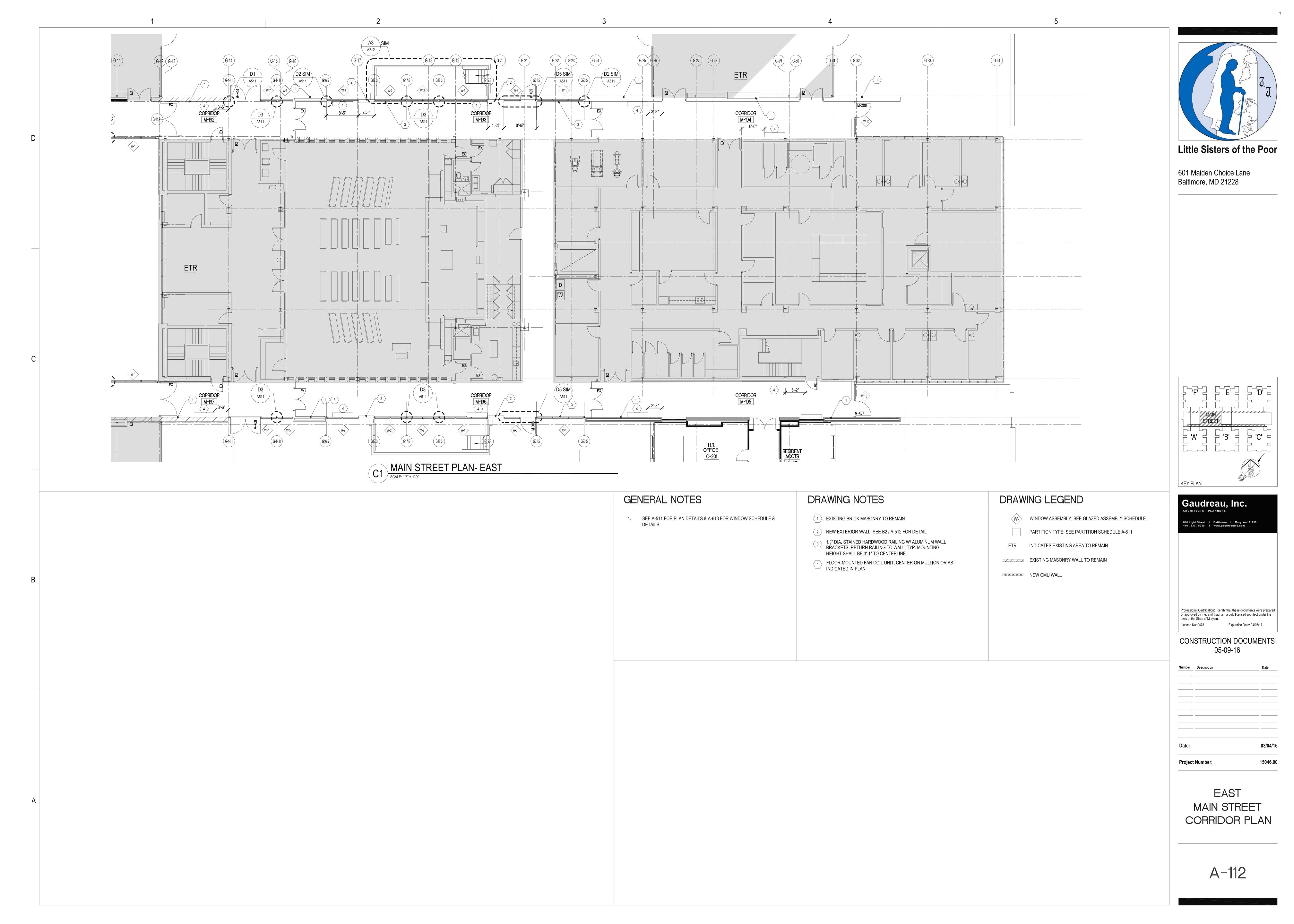
TO BE REMOVED

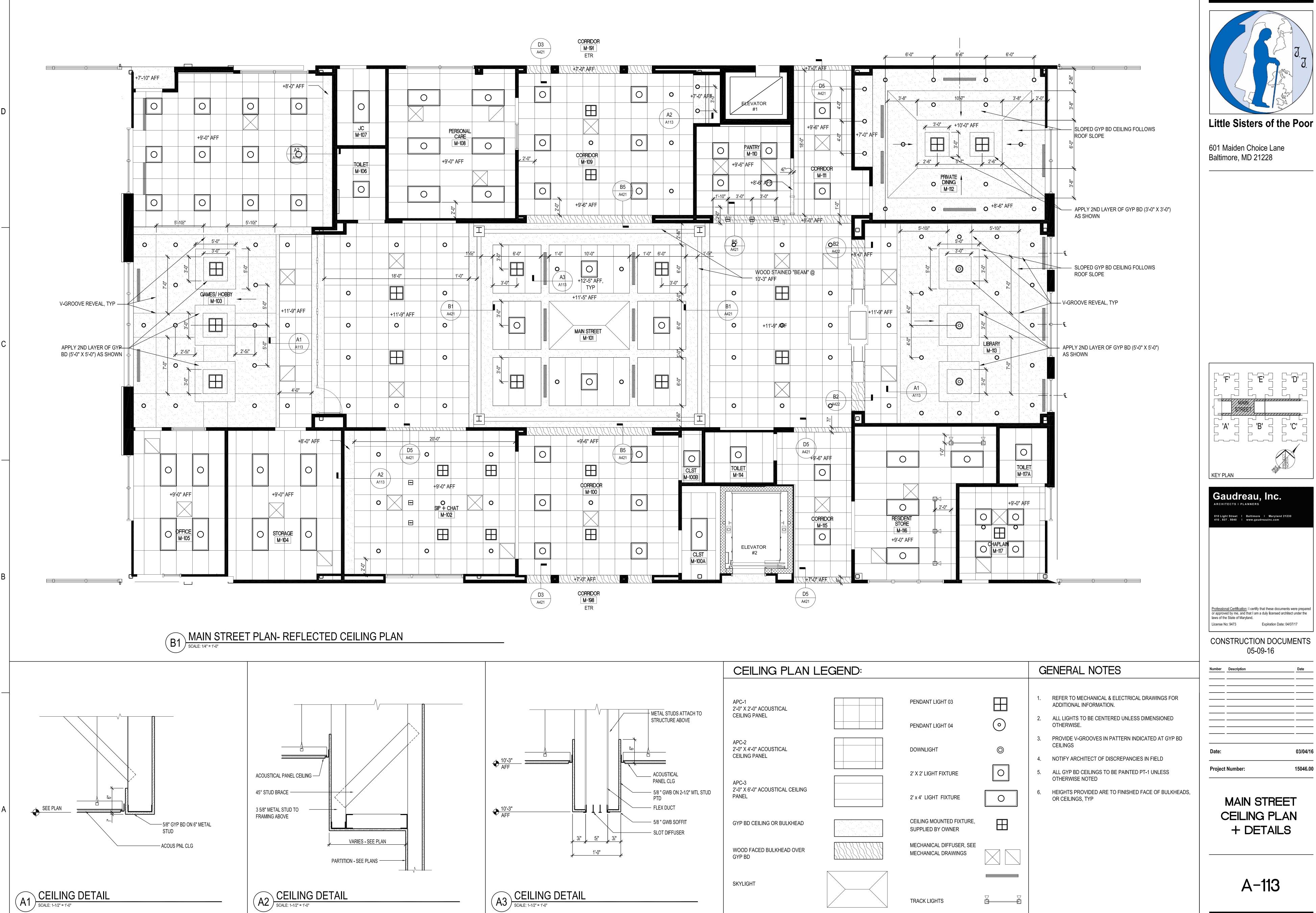
ENTIRETY

EXISTING WALL TO BE REMOVED

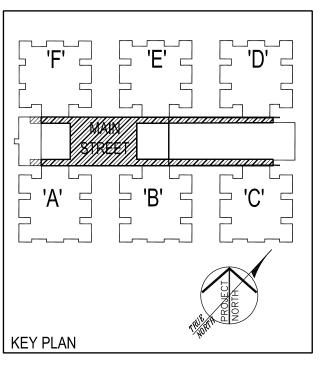
SCALE: 1/16" = 1'-0"



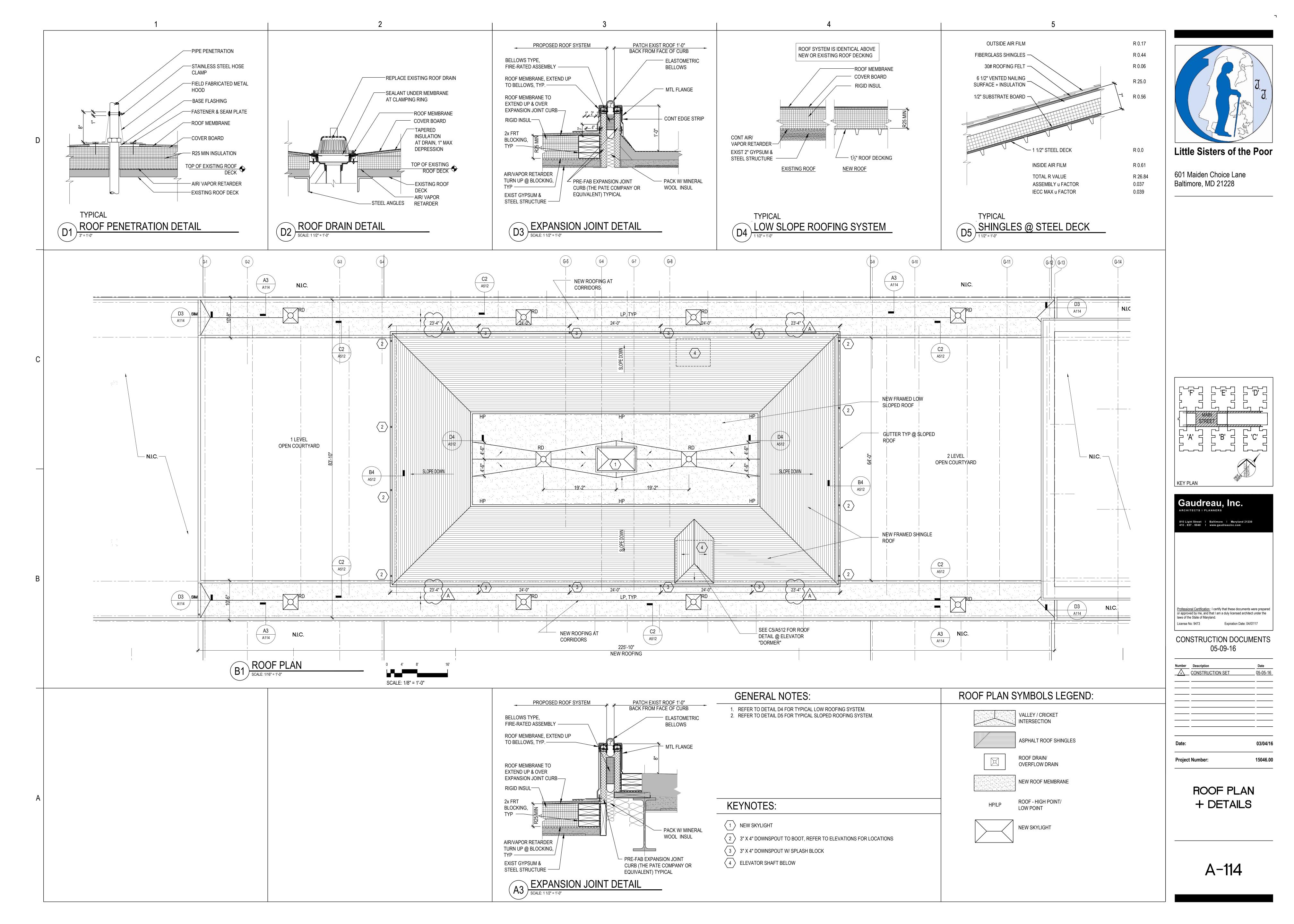


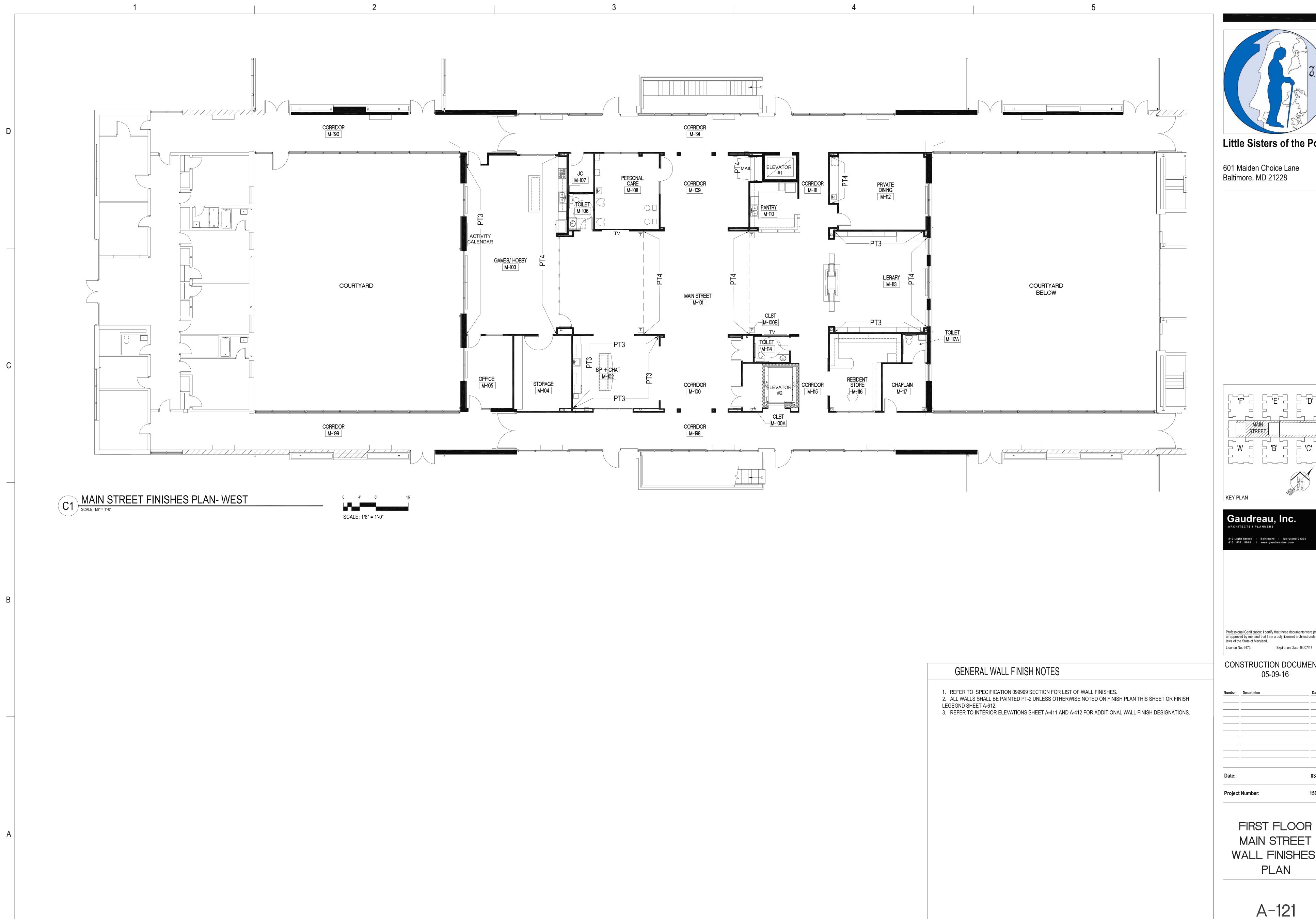


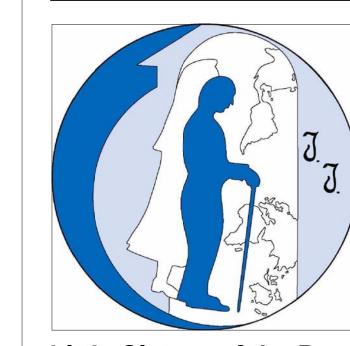


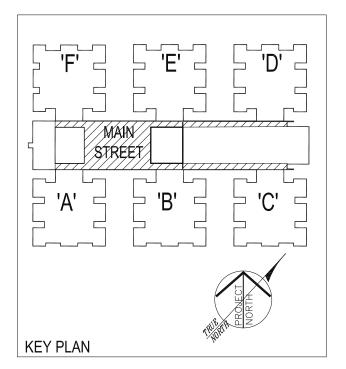


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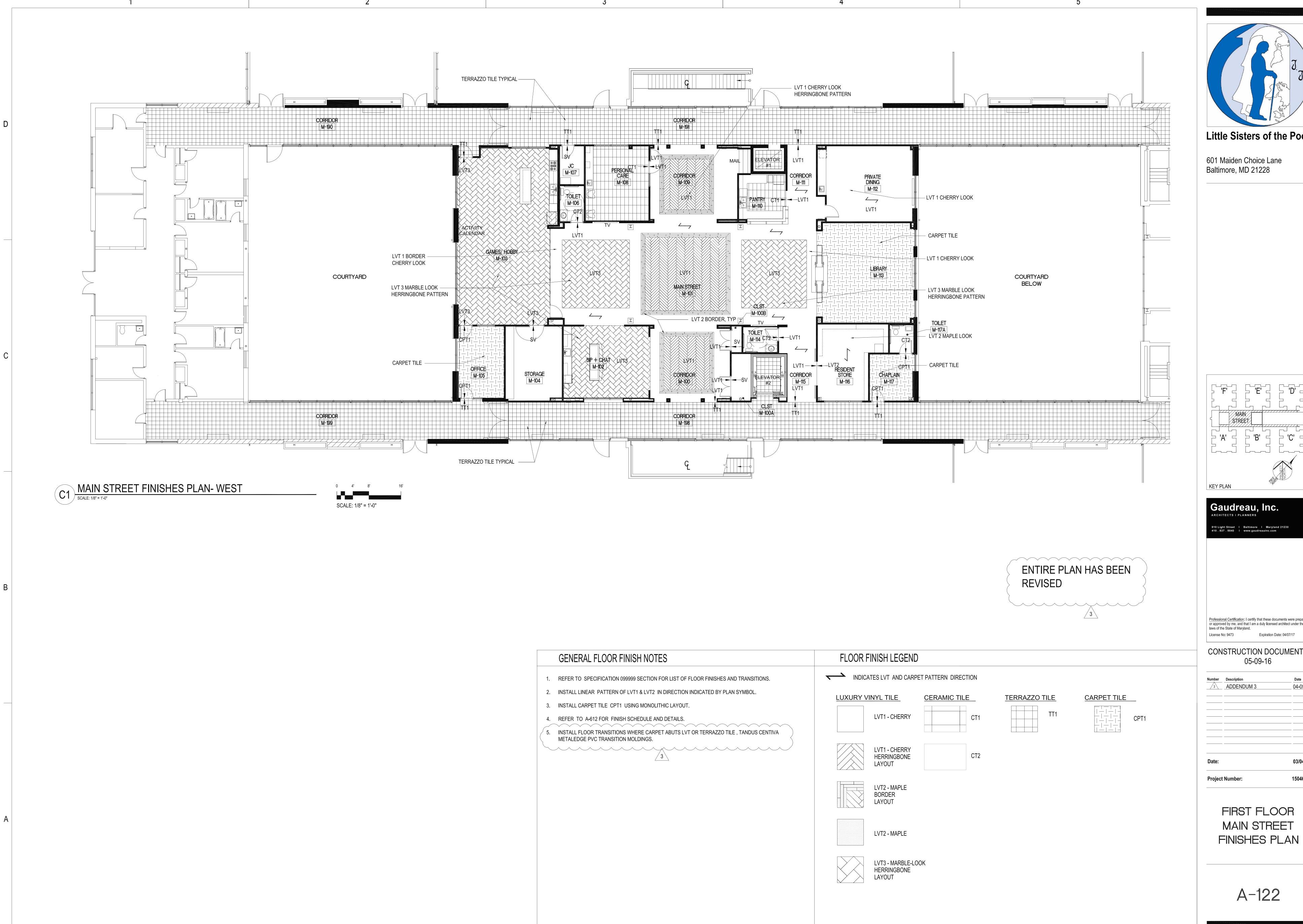
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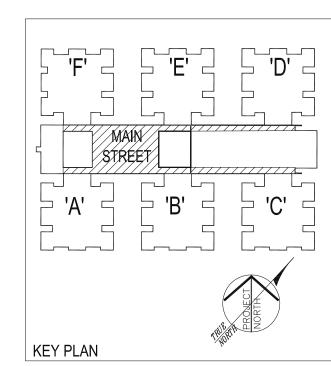
Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the

CONSTRUCTION DOCUMENTS

03/04/16 15046.00

FIRST FLOOR MAIN STREET WALL FINISHES

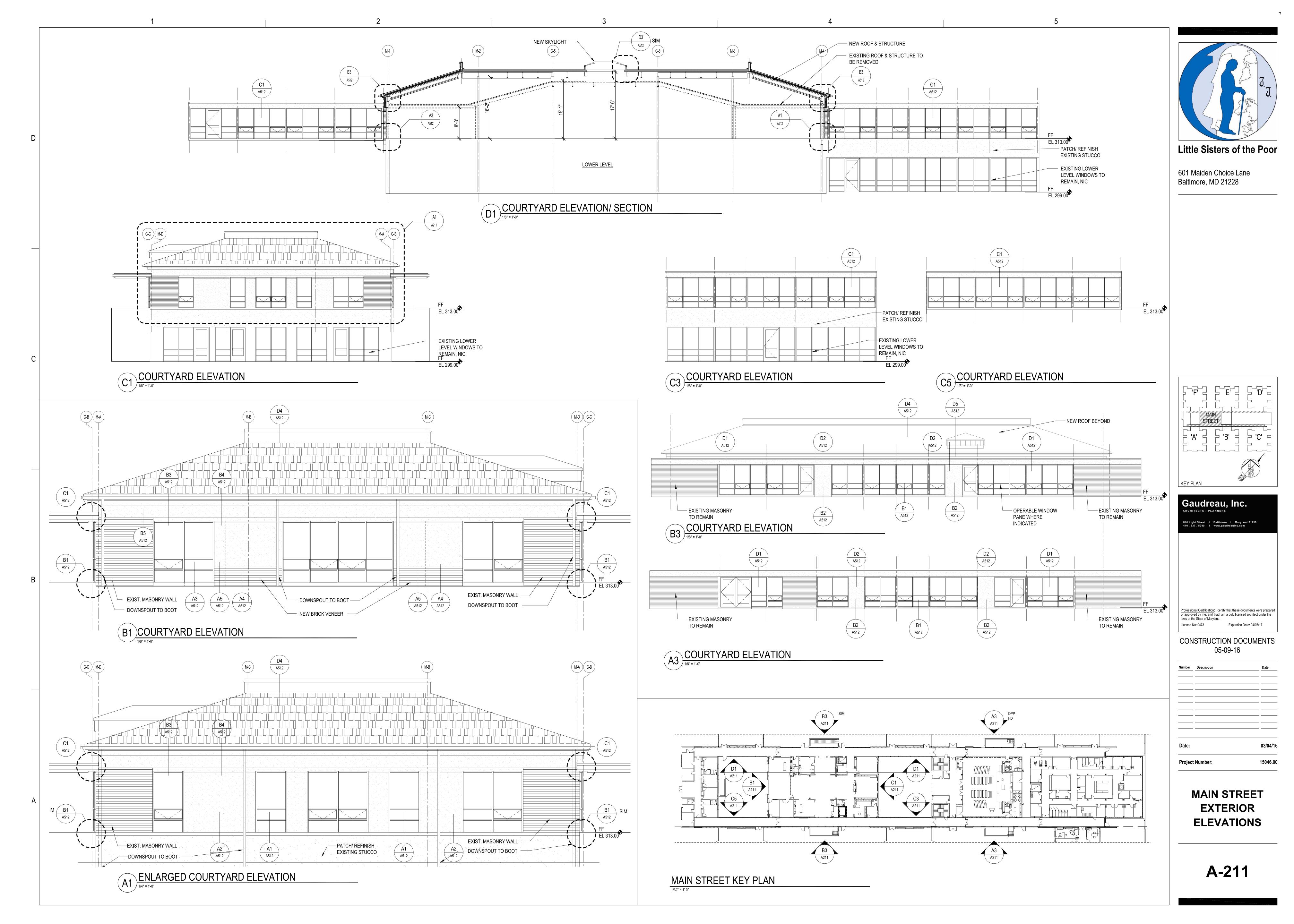


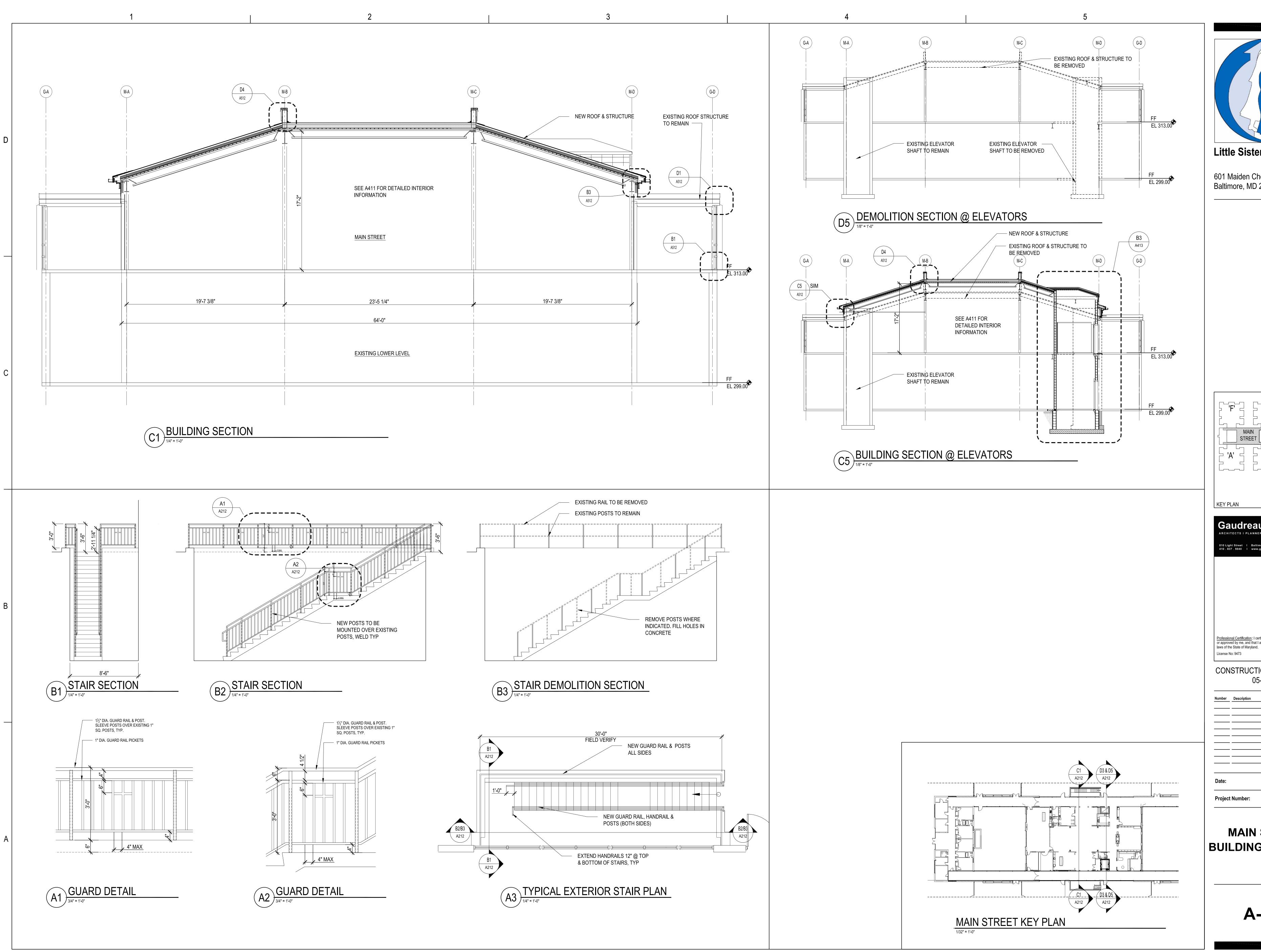


<u>Professional Certification</u>: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the

CONSTRUCTION DOCUMENTS

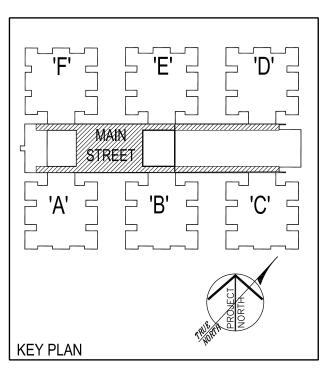
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| ADDENDUM 3 | 04-05-16 |
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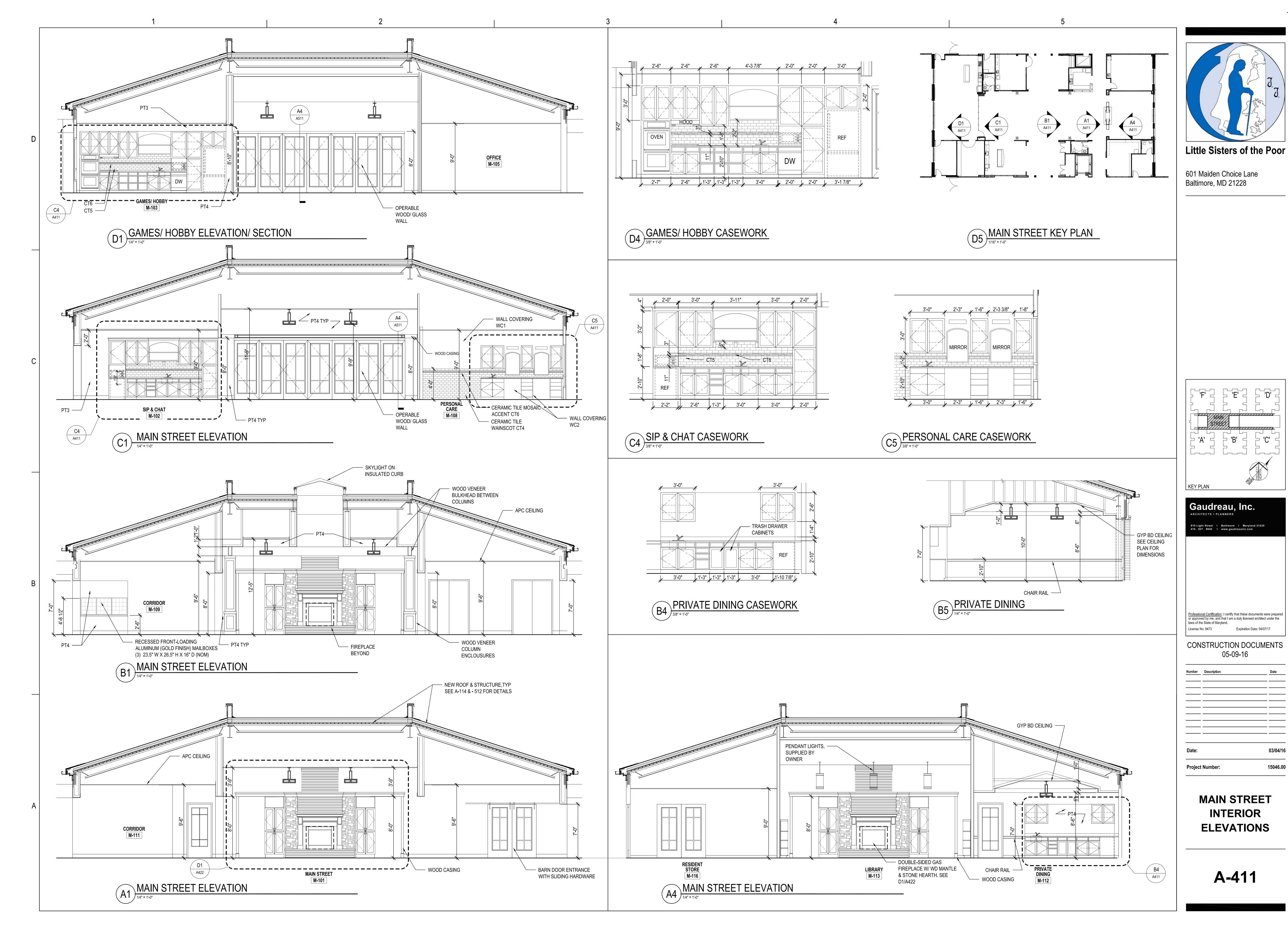
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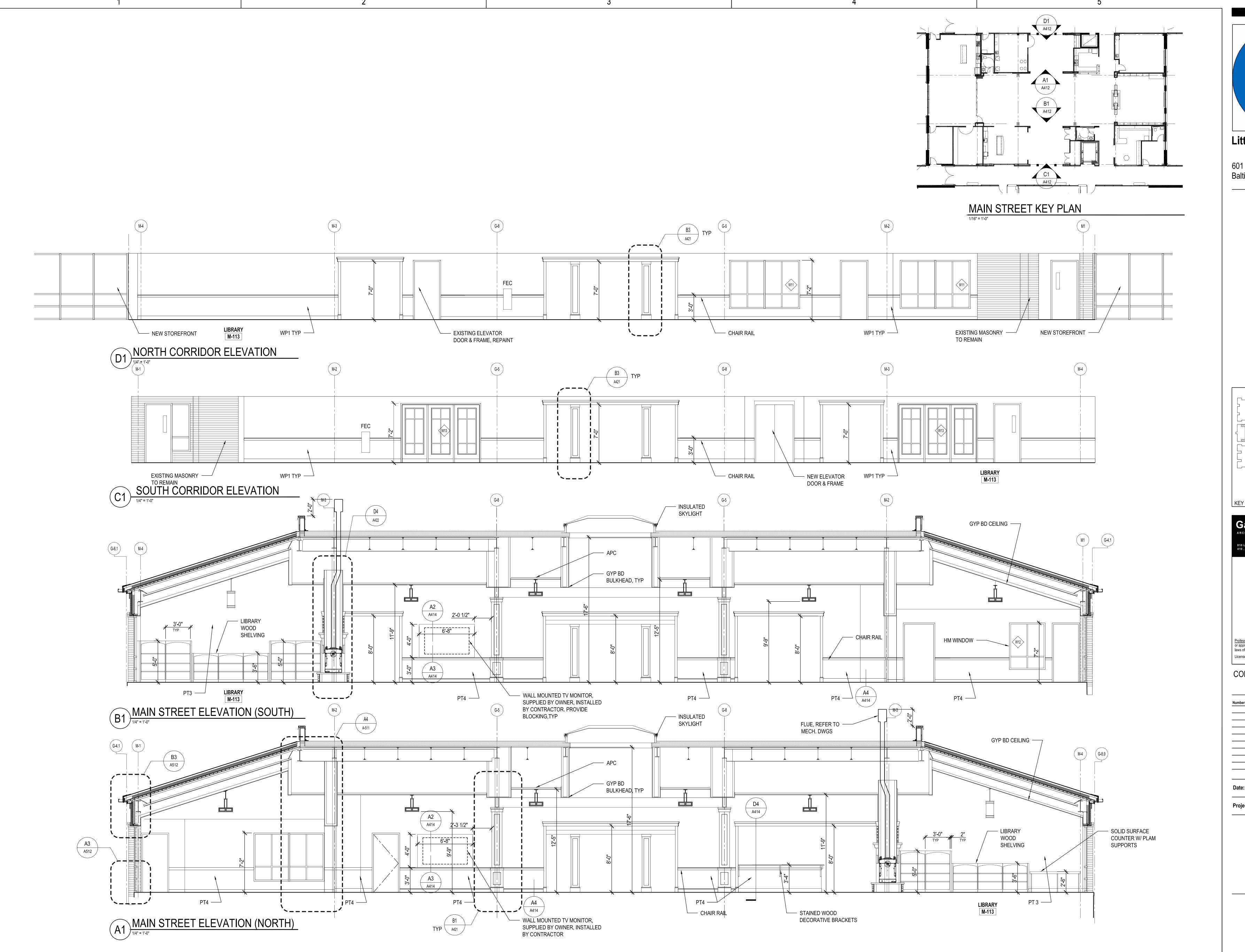
CONSTRUCTION DOCUMENTS 05-09-16

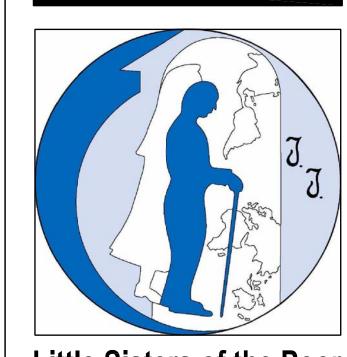
03/04/16 15046.00

MAIN STREET BUILDING SECTIONS

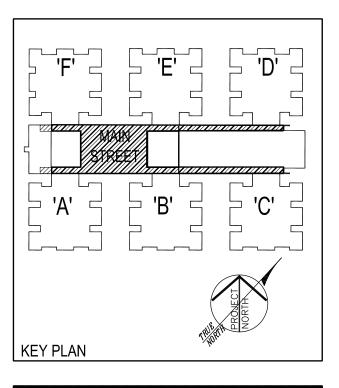
A-212







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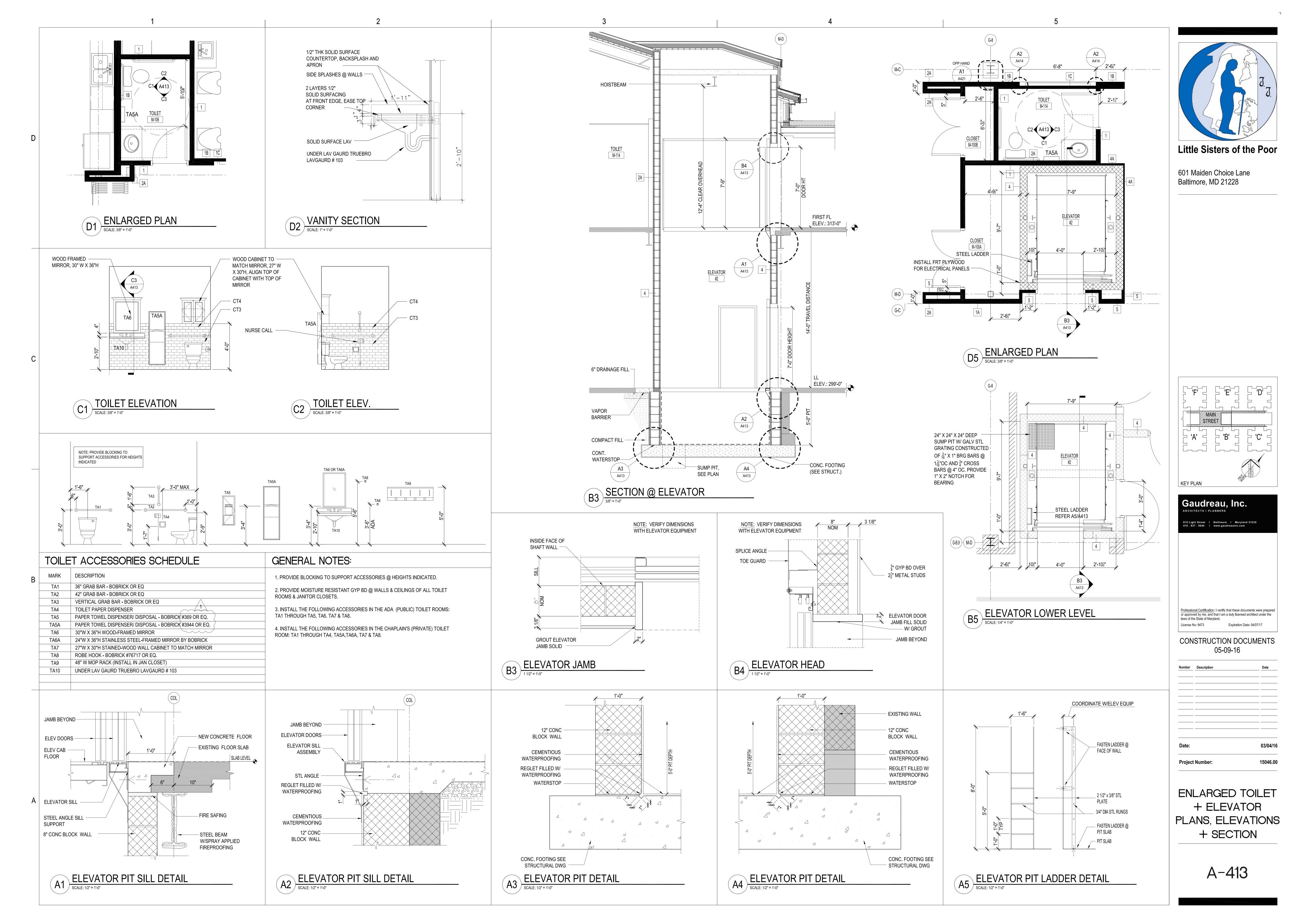


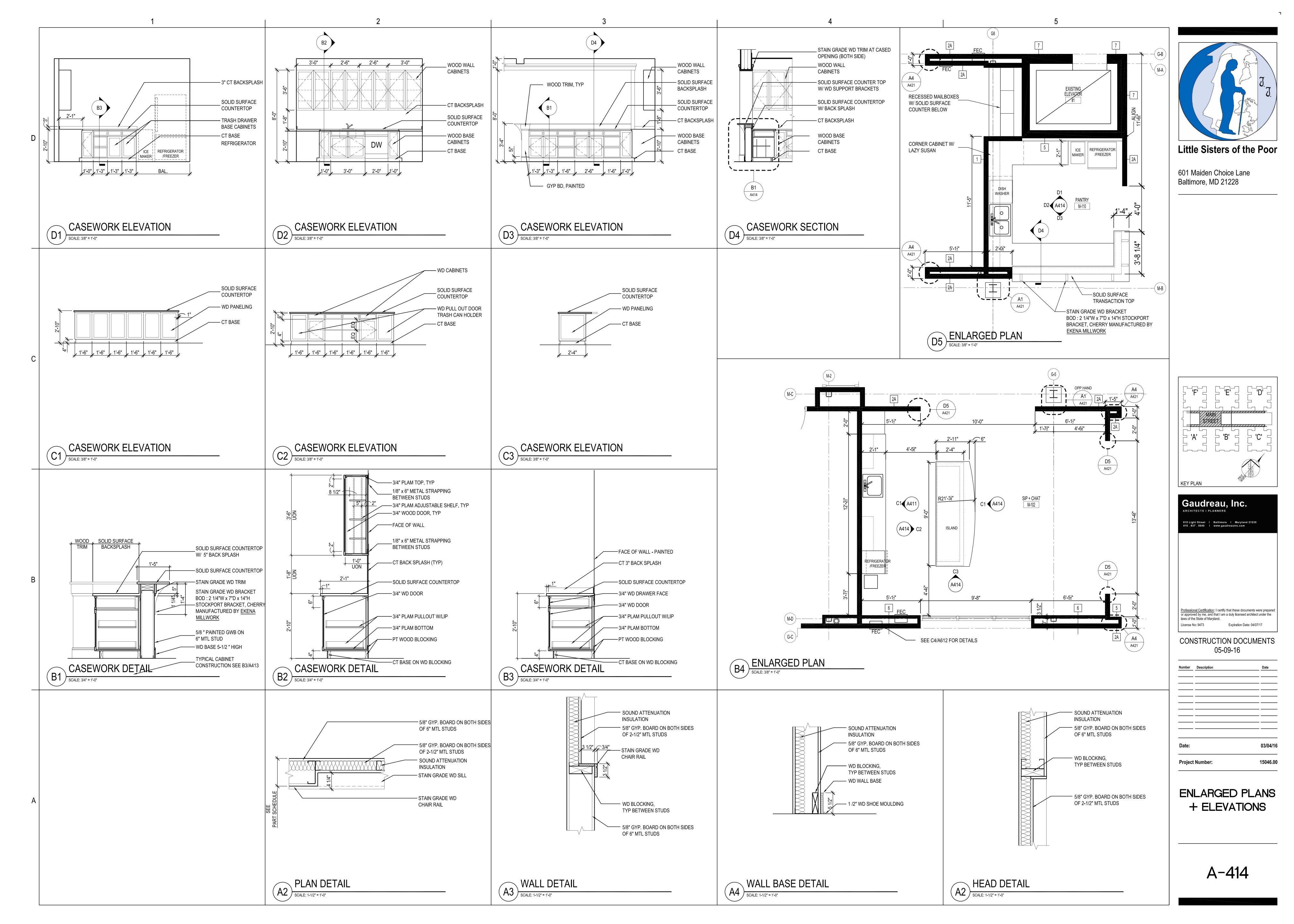
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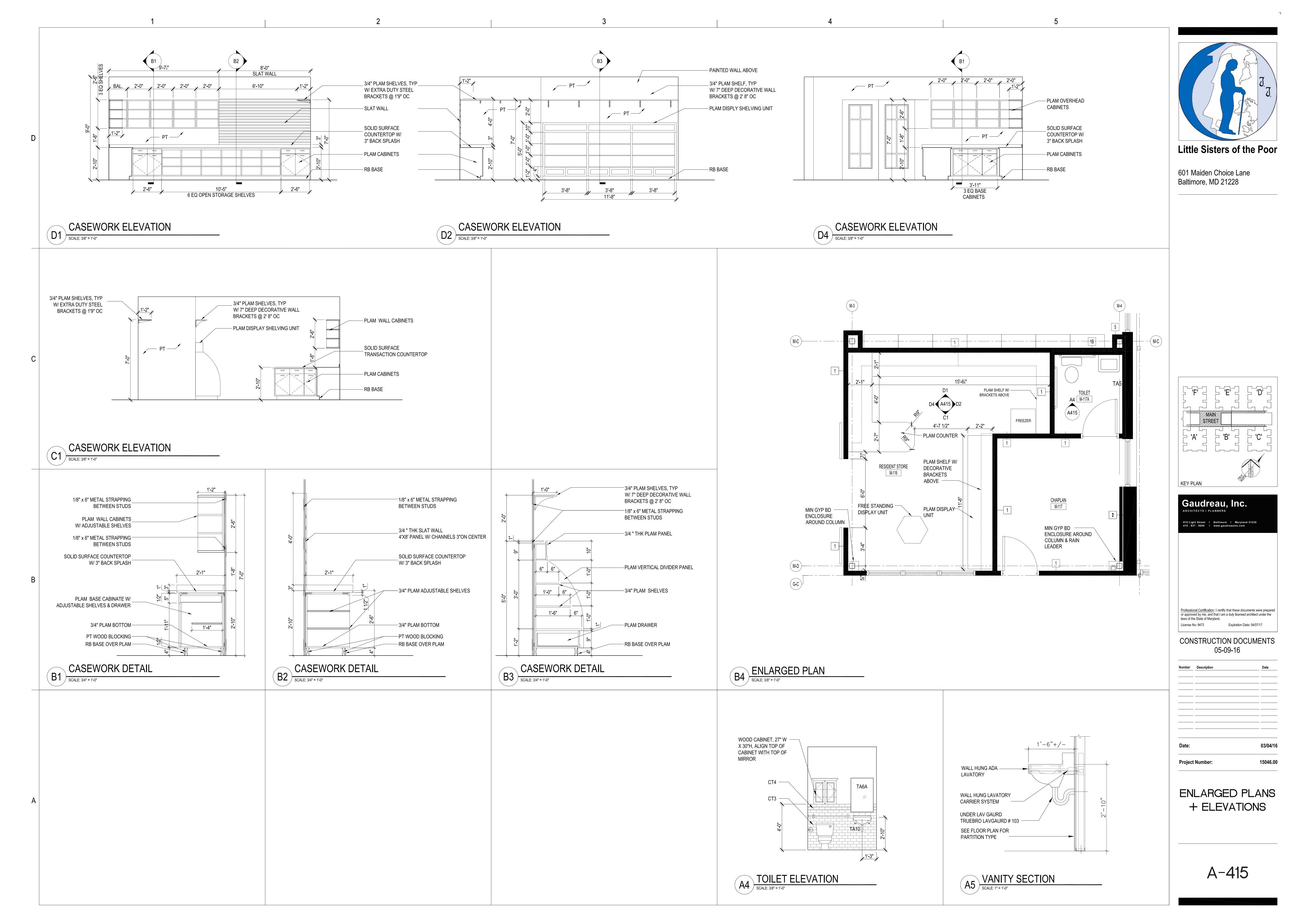
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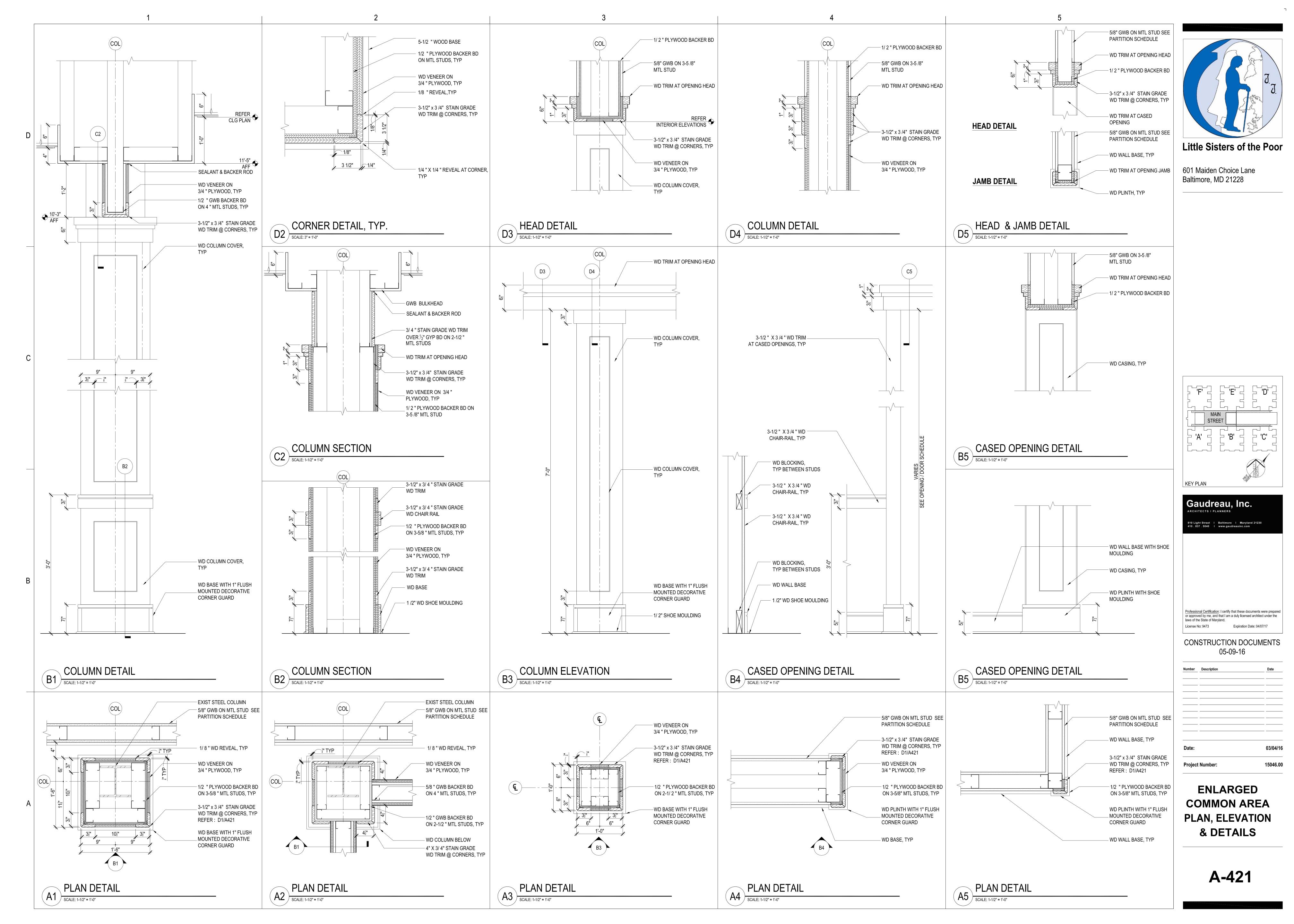
MAIN STREET
INTERIOR
ELEVATIONS

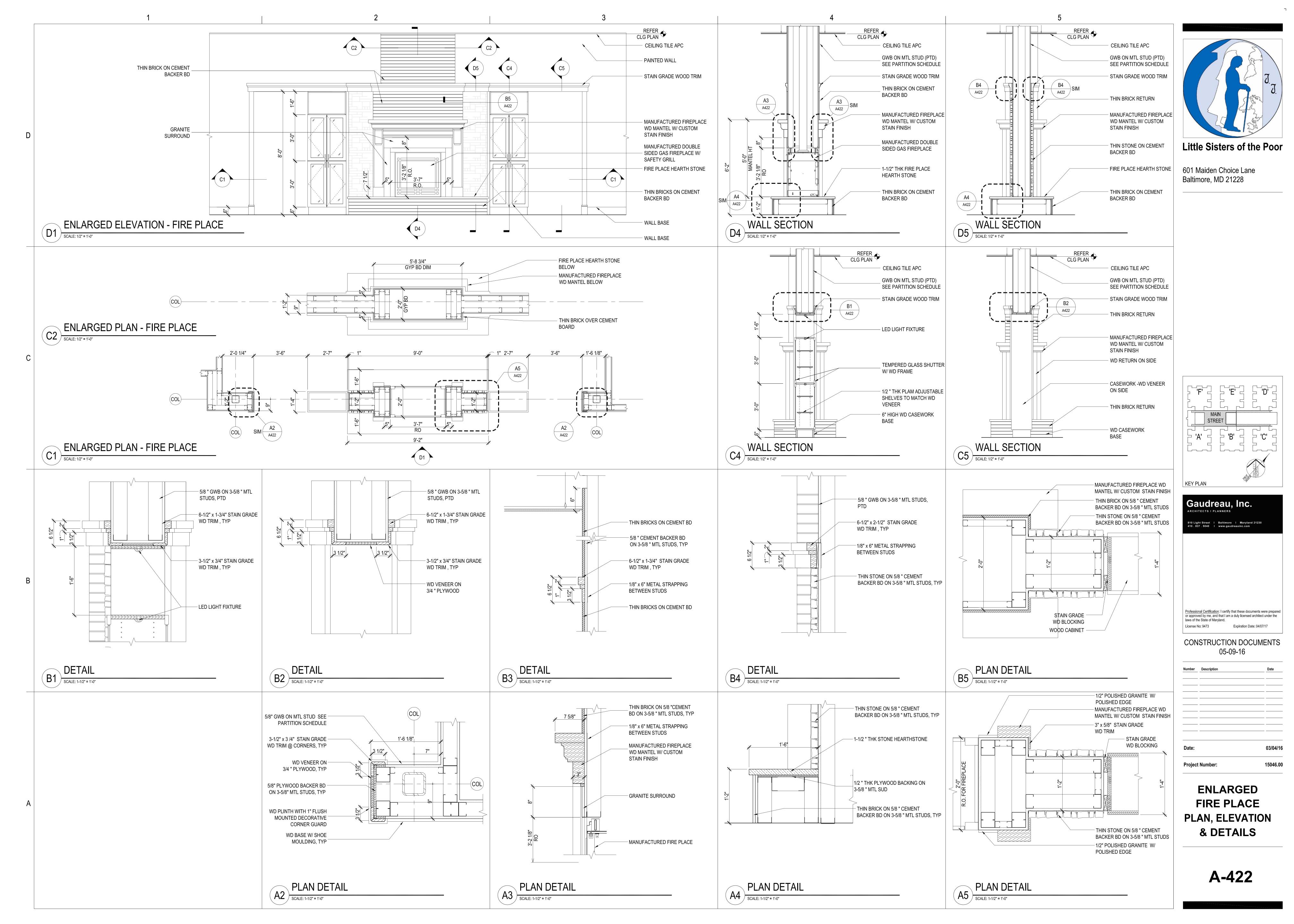
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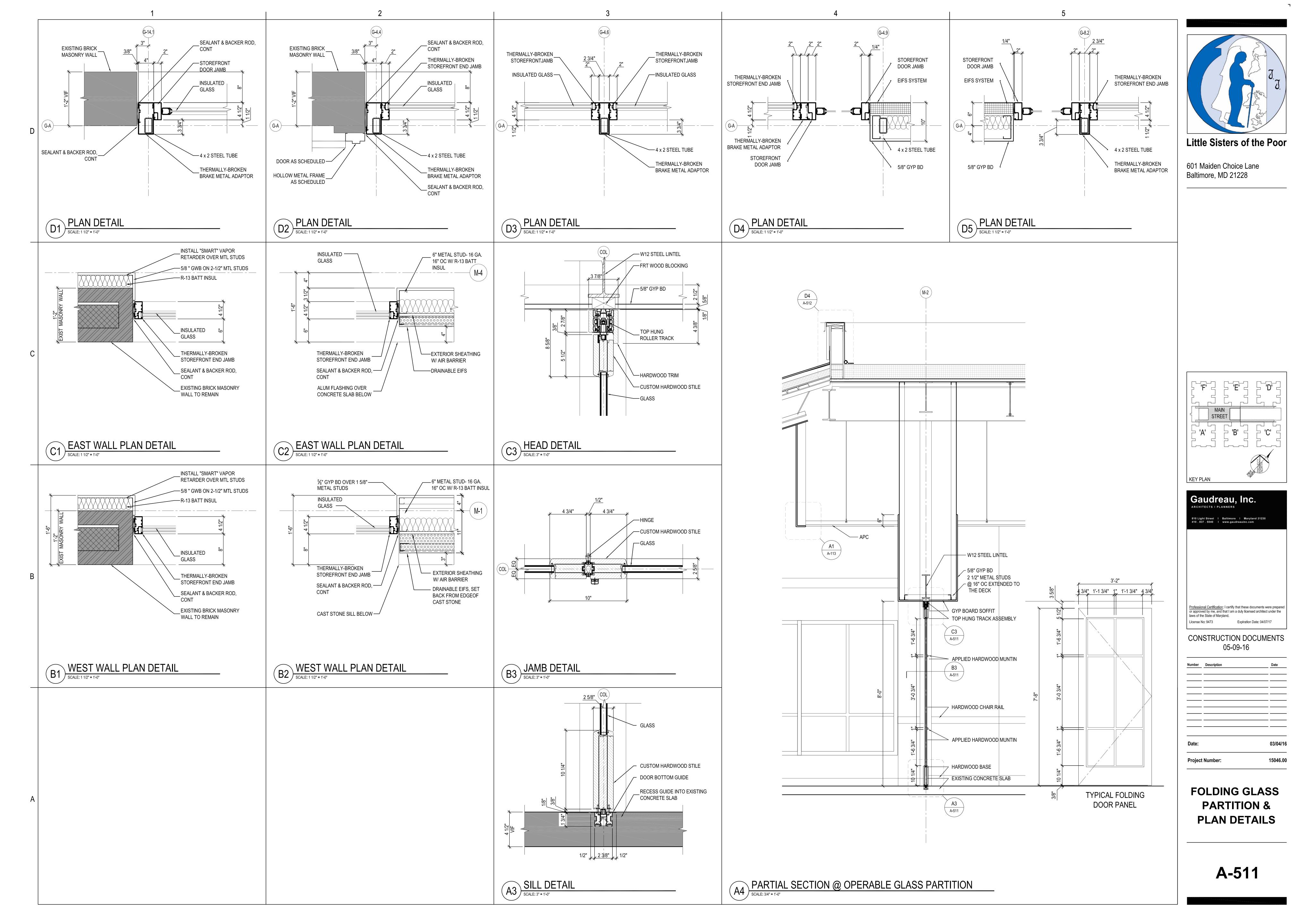


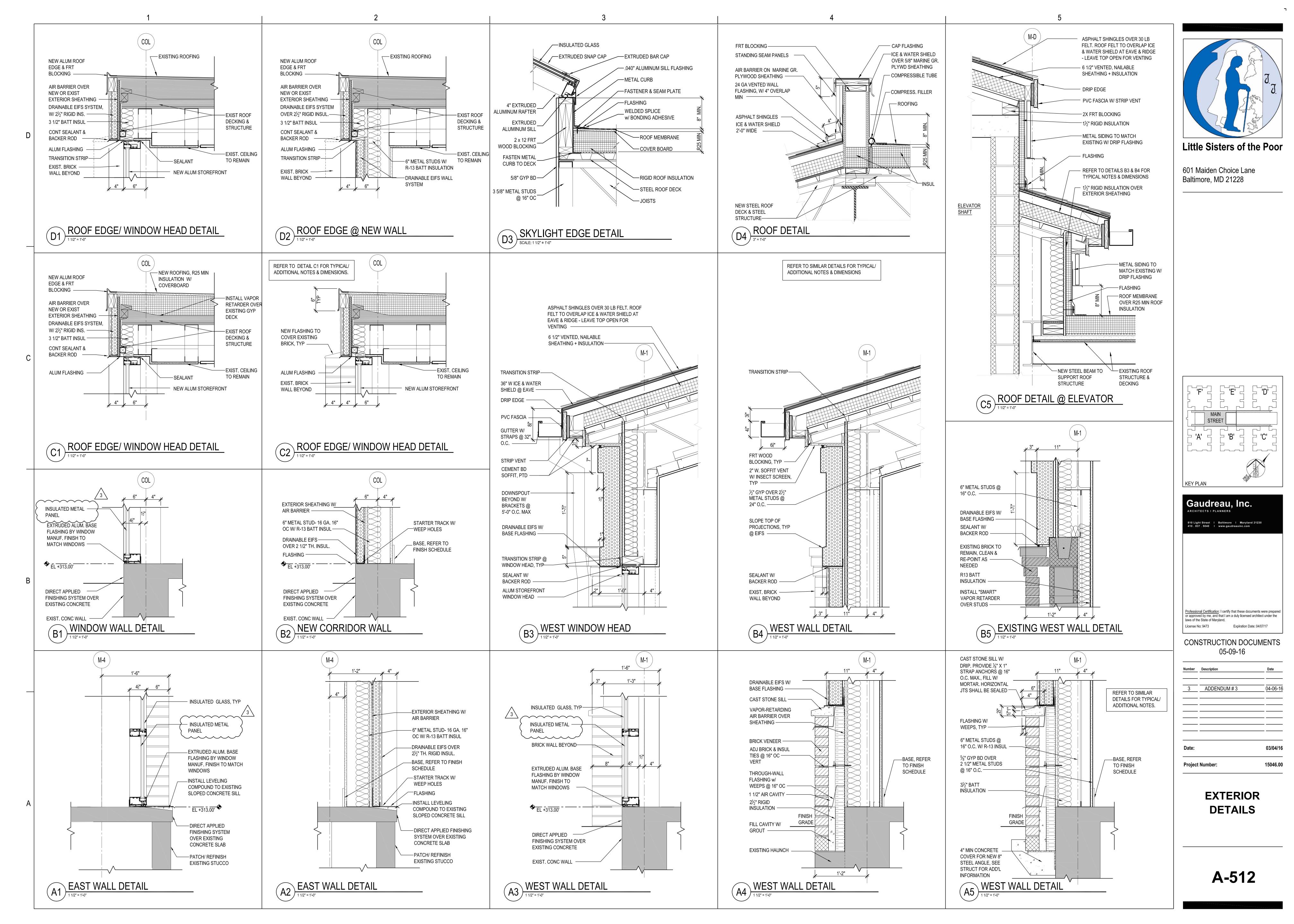


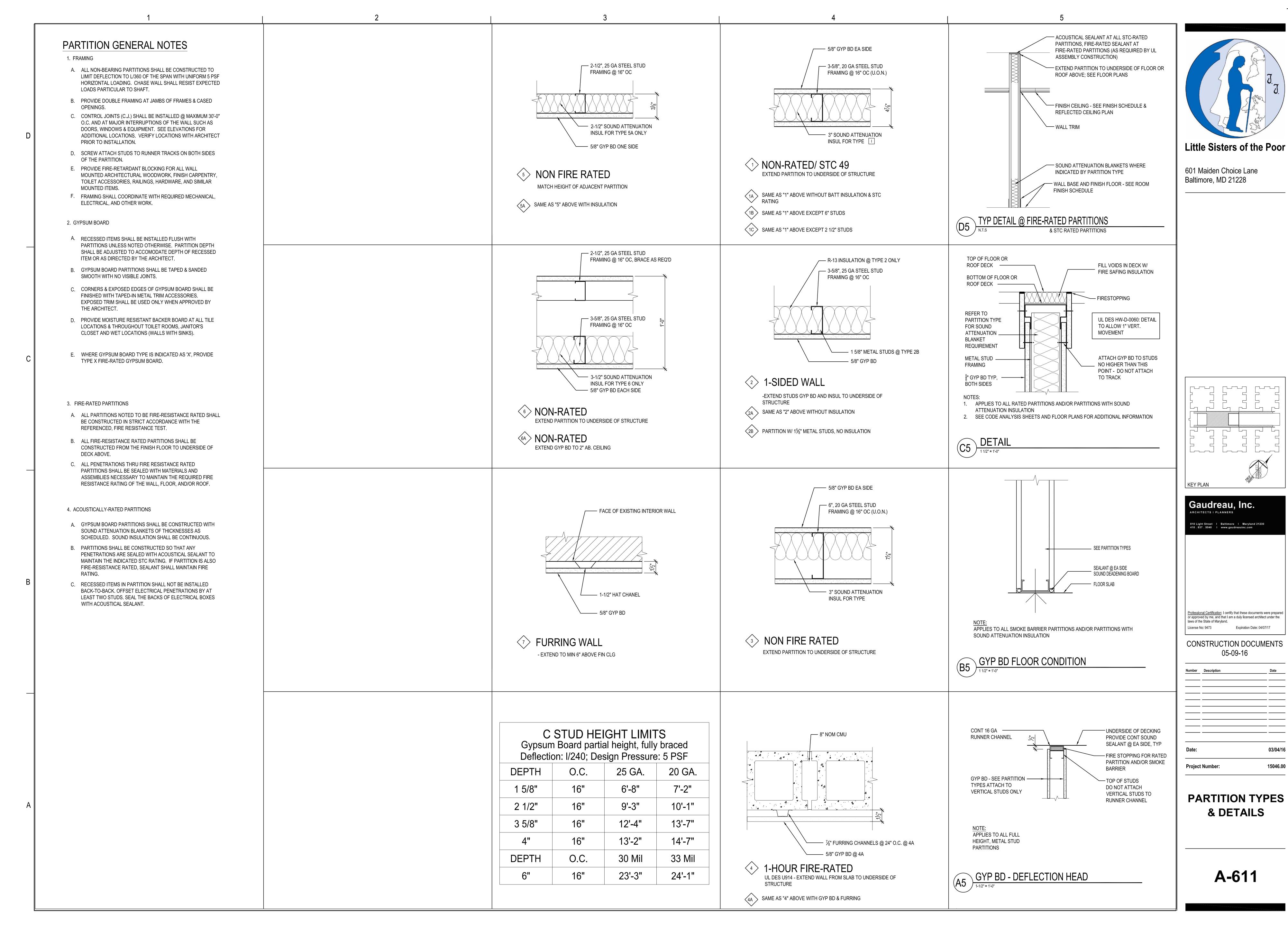


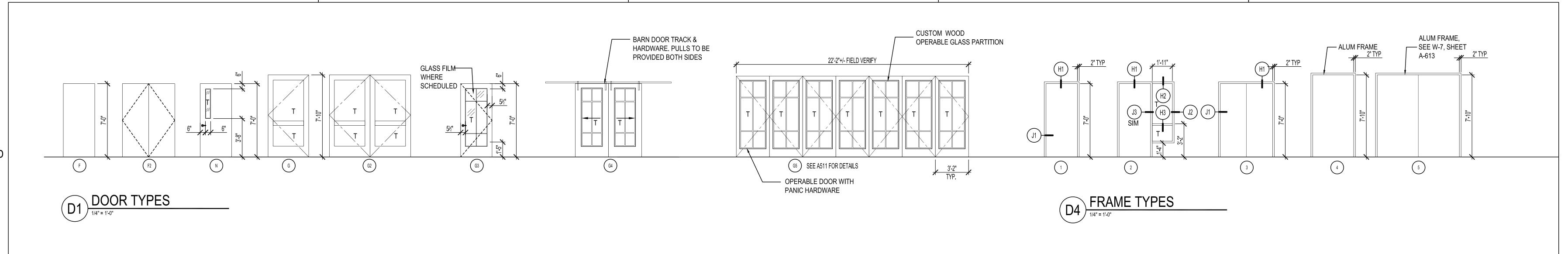
















KEY PLAN

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05-09-16

Expiration Date: 04/07/17

03/04/16

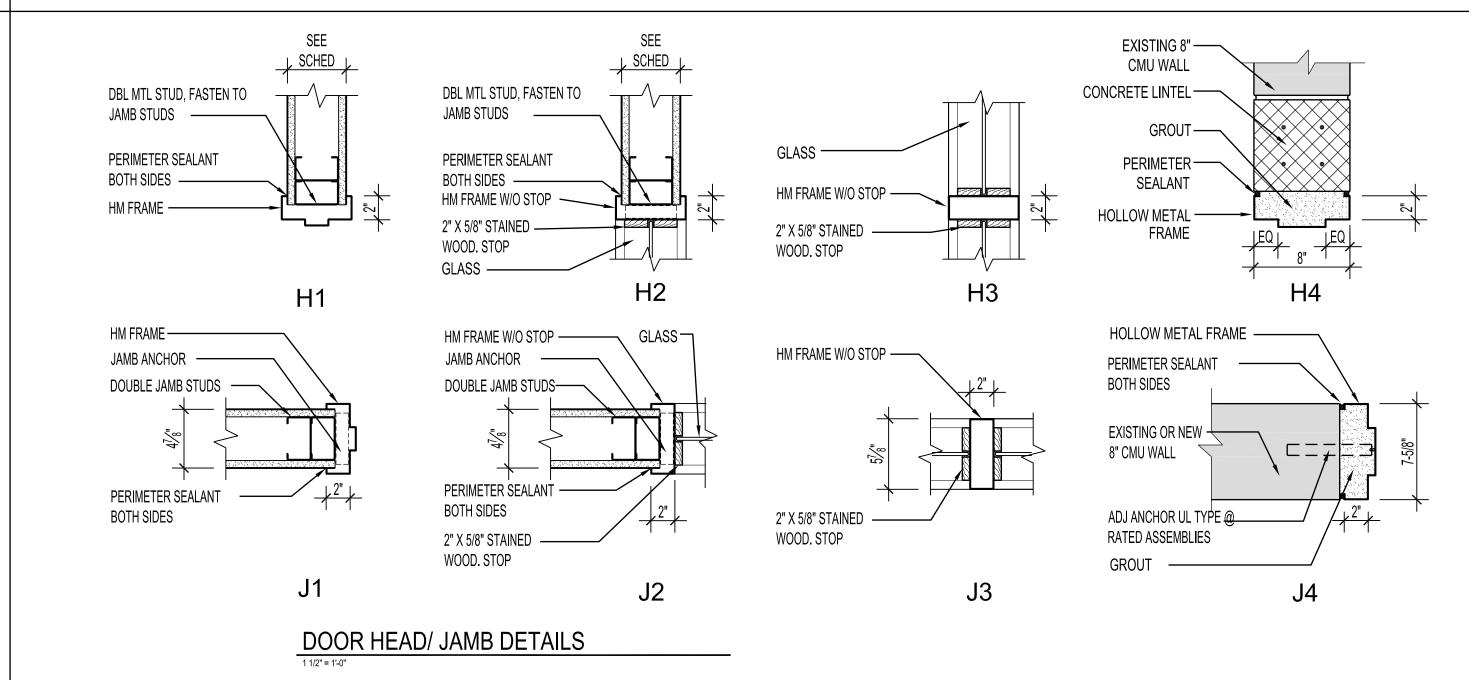
ARCHITECTS | PLANNERS

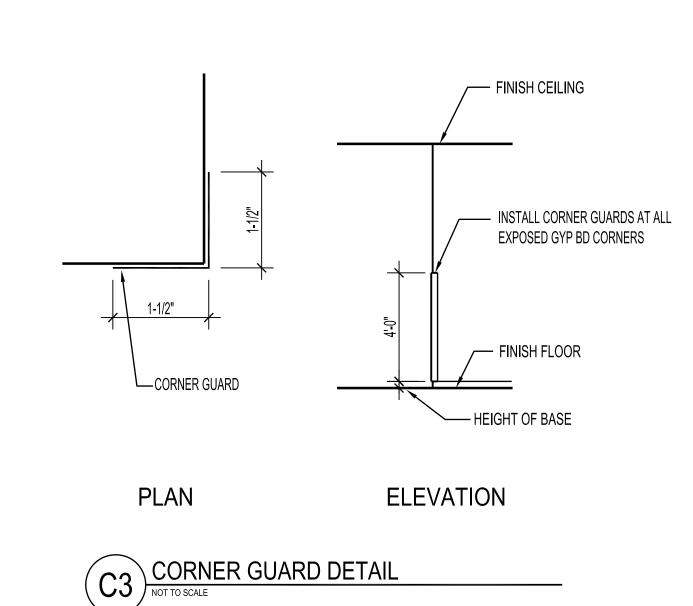
laws of the State of Maryland.

License No: 9473

Project Number:

Baltimore, MD 21228





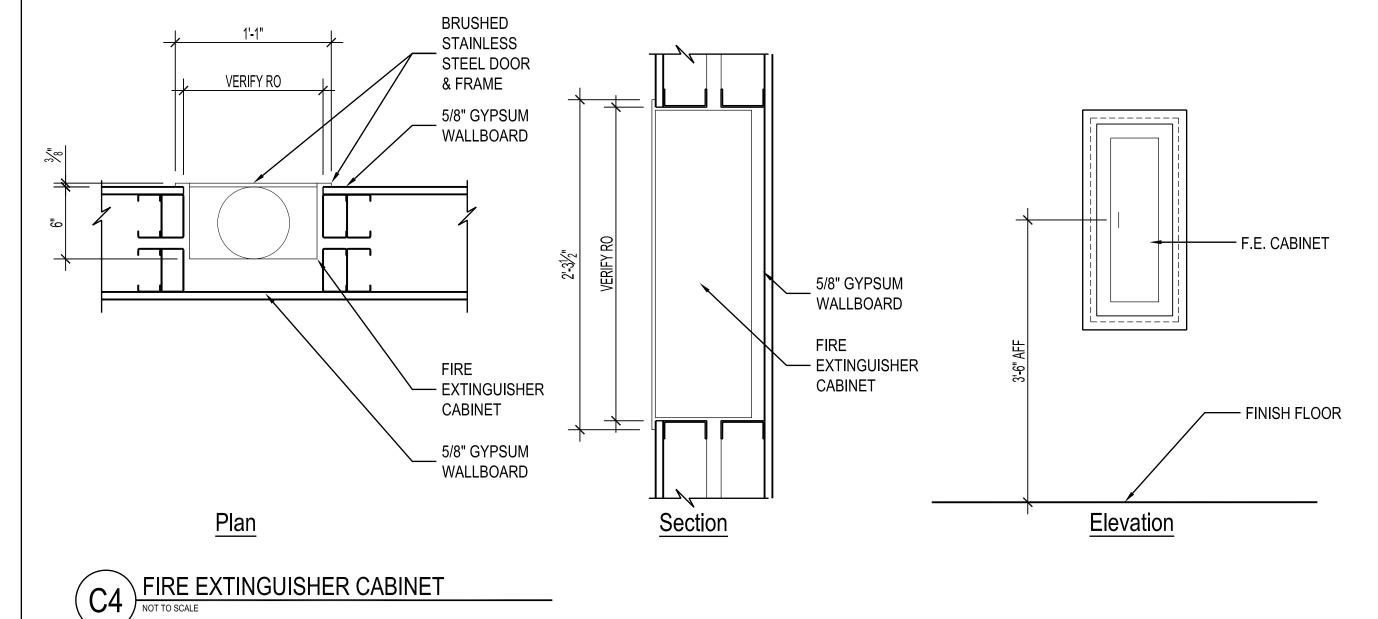
ALUMINUM FRAME NOTES:

WALL DETAILS

1. REFER TO A-613 FOR ALUMINUM WINDOW FRAME

2. REFER TO A511 & A512 FOR EXTERIOR PLAN DETAILS &

ELEVATIONS & STANDARD DETAILS.



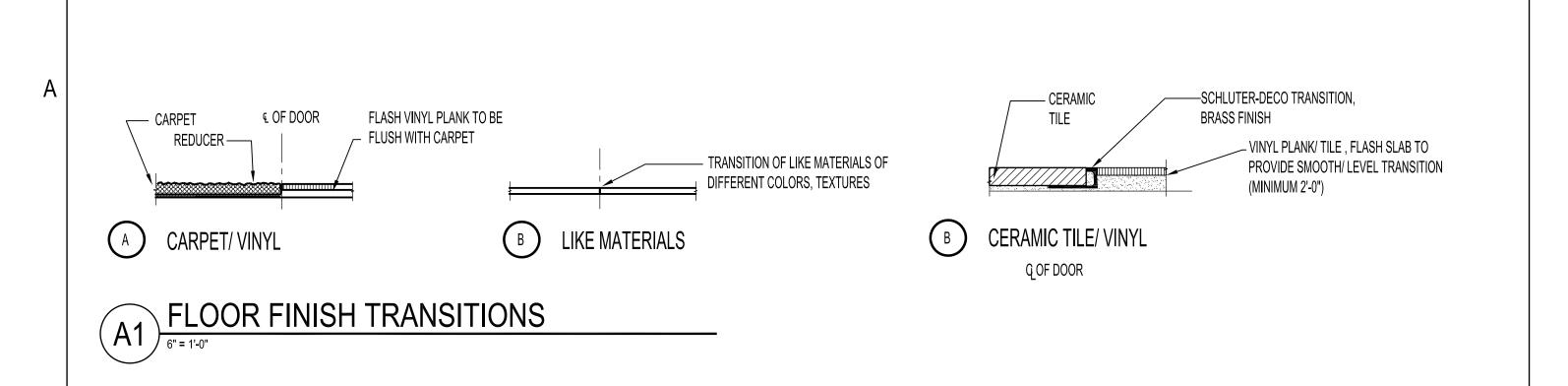
FINISH SCHEDULE

| DOOM# | DOOMNAME | | | FINISHES | | | CEILING | CEILING | DEMARKO |
|----------------|------------------|---------|------|----------|----------|---------|------------|----------|----------------------------------|
| ROOM# | ROOM NAME | FLOOR | BASE | WALL | WAINSCOT | CEILING | MATERIAL | HEIGHT | REMARKS |
| M-100 | CORRIDOR | LVT | WB | PT | - | - | APC-1 | 8'-10" | - |
| M-100A | CLOSET | SV | VB | PT | - | - | APC-4 | 8'-0" | - |
| M-100B | CLOSET | SV | VB | PT | - | - | APC-4 | 8'-0" | - |
| M-101 | MAIN STREET | LVT | WB | PT | PT4 | - | APC1/APC2 | VARIES | SEE ELEVATIONS FOR MILLWORK |
| M-102 | SIP & CHAT | LVT | RB | PT3 | - | - | APC-1 | 8'-10" | - |
| M-103 | GAMES/ HOBBY | LVT | RB | PT | - | VARIES | APC-1/ GYP | VARIES | |
| M-104 | STORAGE | SV | VB | PT | - | - | APC-4 | 8'-10" | |
| M-105 | OFFICE | CPT | VB | PT | - | - | APC-4 | 8'-6" | |
| M - 106 | TOILET | CT | CT | WC4 | CT | | APC-3 | 8'-0" | SEE ELEV. FOR CT4/CT4 @ WAINSCOT |
| M-107 | JANITOR'S CLOSET | SV | VB | PT | FRP | - | APC-4 | 8'-0" | |
| M-108 | PERSONAL CARE | CT | В | WC1 | WC2 | | APC-3 | 8'-8" | SEE ELEV. FOR CT5/CT6 WALL TILE |
| M-109 | CORRIDOR | LVT | WB | PT | - | - | APC-1/GYP | 8'-10" | - |
| M-110 | PANTRY | CT | В | PT | - | PT | GYP BD | 8'-0" | - |
| M-111 | CORRIDOR | LVT | RB | PT | - | - | APC-1 | 8'-10" | - |
| M - 112 | PRIVATE DINING | LVT | RB | WC3 | WC3 | PT | GYP BD | VARIES | - |
| M-113 | LIBRARY | CPT/LVT | WB | PT | - | PT | GYP/APC-1 | VARIES | BUILT-IN WOOD BOOKCASES |
| M-114 | TOILET | CT | CT | WC4 | CT | | APC-3 | 8'-0" | SEE ELEV. FOR CT4/CT4 @ WAINSCOT |
| M-115 | CORRIDOR | LVT | RB | PT | - | - | APC-1/GYP | 8'-10" | - |
| M-116 | RESIDENT STORE | LVT | VB | PT | - | - | APC-4 | 8'-6" | - |
| M-117 | CHAPLAIN | CPT | VB | PT | - | - | APC-5 | 8'-6" | - |
| M-117A | TOILET | CT | CT | WC4 | CT | | APC-3 | 8'-0" | SEE ELEV. FOR CT4/CT4 @ WAINSCOT |
| M-190 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-191 | CORRIDOR | TT | RB | PT | WP1 | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-192 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-193 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-193A | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-194 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-195 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-196 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-197 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-198 | CORRIDOR | TT | RB | PT | WP1 | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| M-199 | CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| | ELEVATOR 1 | TT | * | * | - | * | * | * | PROVIDE ALL NEW CAB FINISHES |

| PERSONAL CARE | СТ | В | WC1 | WC2 | | APC-3 | 8'-8" | SEE ELEV. FOR CT5/CT6 WALL TILE |
|--|--|---|--|--|---|------------------------------|-------------------|-----------------------------------|
| CORRIDOR | LVT | WB | PT | - | - | APC-1/GYP | 8'-10" | - |
| PANTRY | CT | В | PT | - | PT | GYP BD | 8'-0" | - |
| CORRIDOR | LVT | RB | PT | - | - | APC-1 | 8'-10" | - |
| PRIVATE DINING | LVT | RB | WC3 | WC3 | PT | GYP BD | VARIES | - |
| LIBRARY | CPT/LVT | WB | PT | - | PT | GYP/APC-1 | VARIES | BUILT-IN WOOD BOOKCASES |
| TOILET | СТ | СТ | WC4 | CT | | APC-3 | 8'-0" | SEE ELEV. FOR CT4/CT4 @ WAINSCOT |
| CORRIDOR | LVT | RB | PT | - | - | APC-1/GYP | 8'-10" | - |
| RESIDENT STORE | LVT | VB | PT | - | - | APC-4 | 8'-6" | - |
| CHAPLAIN | CPT | VB | PT | - | - | APC-5 | 8'-6" | - |
| TOILET | СТ | СТ | WC4 | CT | | APC-3 | 8'-0" | SEE ELEV. FOR CT4/CT4 @ WAINSCOT |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | WP1 | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | WP1 | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| CORRIDOR | TT | RB | PT | - | * | EXISTING | EXISTING | CLEAN EXISTING BRICK TO REMAIN |
| ELEVATOR 1 | TT | * | * | - | * | * | * | PROVIDE ALL NEW CAB FINISHES |
| ELEVATOR 2 | TT | * | * | - | * | * | * | CAB FINISHES BY ELEVATOR SUPPLIER |
| | EGEND | | | | FINIS | SH NOT | ES | |
| COUSTICAL PANEL CEILING ARPET TILE RAMIC TILE BERGLASS-REINFORCED PANELING YPSUM BOARD XURY VINYL TILE NT BBER BASE ALL COVERING OD BASE | TT - TERRAZ VCT - VINYL | ZZO TILE COMPOSITE TILE | | | 2. RE | CATIONS FER TO SPECIFICAT | TIONS 099999 SECT | |
| | CORRIDOR PANTRY CORRIDOR PRIVATE DINING LIBRARY TOILET CORRIDOR RESIDENT STORE CHAPLAIN TOILET CORRIDOR ELEVATOR 1 ELEVATOR 2 IISH SCHEDULE L COUSTICAL PANEL CEILING ARPET TILE RAMIC TI | CORRIDOR PANTRY CORRIDOR LVT PRIVATE DINING LUT LIBRARY CPT/LVT TOILET CORRIDOR LVT RESIDENT STORE CHAPLAIN CORRIDOR TOILET CORRIDOR TI CORRIDOR TT TO TO TO TO TO TO TO TO | CORRIDOR PANTRY COT B CORRIDOR LVT RB PRIVATE DINING LUT RB LIBRARY CPT/LVT WB LIBRARY CORRIDOR LVT RB LUT RB CORRIDOR LVT RB LVT RB CORRIDOR LVT RB CORRIDOR TOLET COT CORRIDOR TT RB CORRIDOR TT TR B CORRIDOR TT TR B CORRIDOR TT TR CORRIDOR TT RB CORRID | CORRIDOR PANTRY COT PANTRY COT B PT CORRIDOR LVT RB PT CORRIDOR LVT RB PT PRIVATE DINING LUT RB WC3 LIBRARY CPTLVT TOILET CT CT CT CT CT WC4 CORRIDOR LVT RB PT TOILET CT CT CT CT WC4 CORRIDOR LVT RB PT TOILET CT CT CT CT WC4 CORRIDOR TOILET CT CT CT CT CT WC4 CORRIDOR TT RB PT CORRIDOR CORRIDOR TT RB PT CORRIDOR TR TR TR TR TR TR TR TR TR | CORRIDOR PANTRY CT B PT CORRIDOR LVT RB PT PRIVATE DINING LUT RB PT PRIVATE DINING LUT RB PT CORRIDOR RESIDENT STORE LUT CT CT CT CT CT CT CT CT CT | CORRIDOR | CORRIDOR | CORRIDOR |

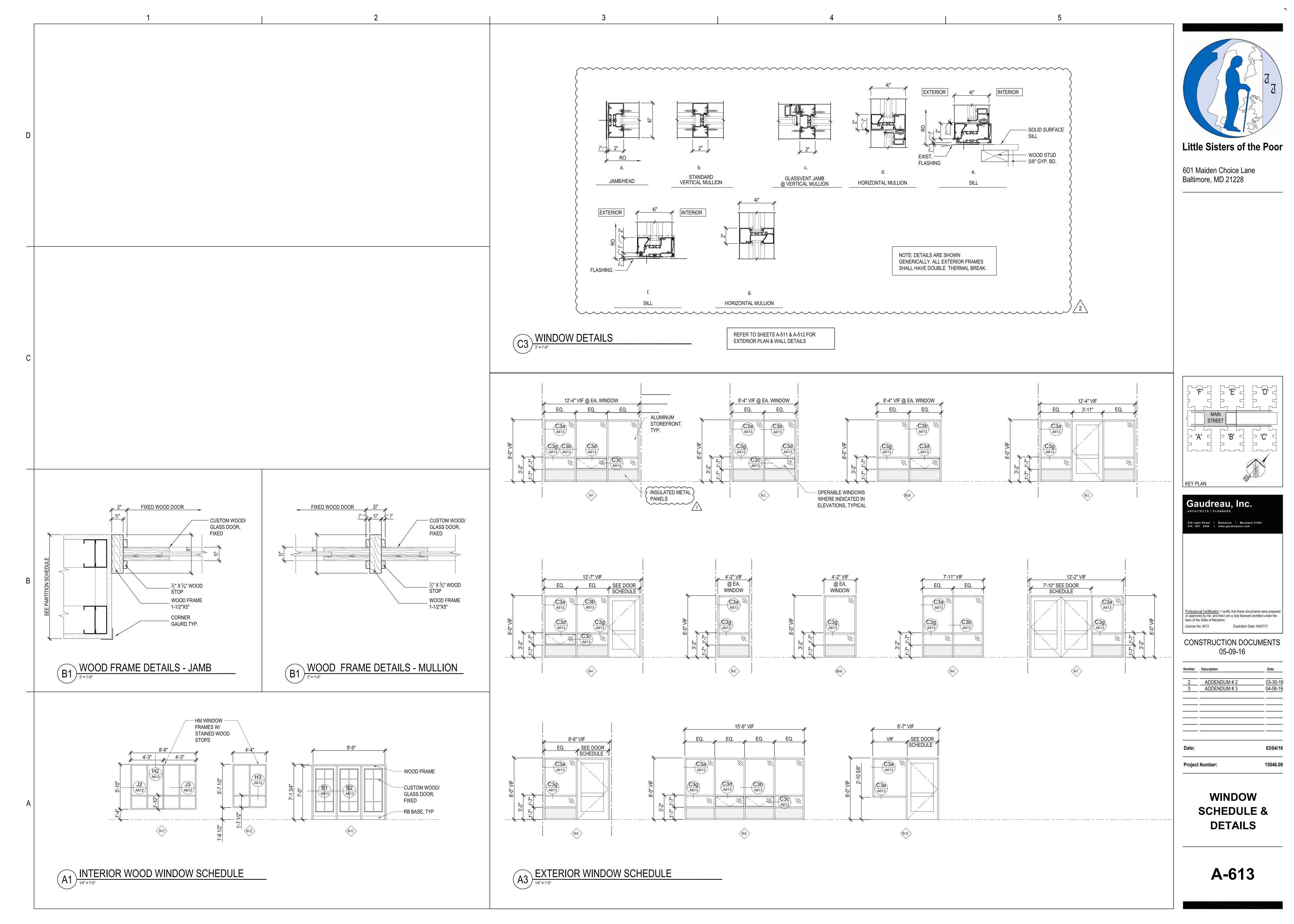
| DOOR AND FRAME SCHEDULE |
|-------------------------|

| | DOOR | | | FRAME | | | | | FIRE | FIRE HARD- | | | | |
|---|--------|-------------|--------|--------|----------|-----------|------|------|------|------------|------|--------|---|---|
| | MADIZ | SIZE DETAIL | | RATING | WARE SET | T REMARKS | | | | | | | | |
| | MARK | WIDTH | HEIGHT | THK | MATL | TYPE | MATL | TYPE | HEAD | JAMB | SILL | | # | |
| | M-100A | 2'-6" (PR) | 7'-0" | 1 3/4" | SC | F2 | STL | 3 | H1 | J1 | - | | | - |
| | M-100B | 2'-6" (PR) | 7'-0" | 1 3/4" | SC | F2 | STL | 3 | H1 | J1 | - | | | - |
| | M-103 | 3'-0" | 7'-0" | 1 3/4" | SC | N | STL | 1 | H1 | J1 | - | | | - |
| | M-103A | 3'-2" | 7'-8" | - | WD/GL | G5 | STL | * | * | * | - | | | OPERABLE DR. W/I OPERABLE GL. PARTITION |
| | M-104 | 3'-6" | 7'-0" | 1 3/4" | SC | F | STL | 1 | H1 | J1 | - | | | - |
| | M-105 | 3'-0" | 7'-0" | 1 3/4" | SC | F | STL | 1 | H1 | J1 | - | | | - |
| | M-105A | 3'-0" | 7'-0" | 1 3/4" | SC | F | STL | 2 | H1 | J1 | - | | | - |
| | M-106 | 3'-0" | 7'-0" | 1 3/4" | SC | F | STL | 1 | H1 | J1 | - | | | 1/2" UNDERCUT |
| | M-107 | 3'-0" | 7'-0" | 1 3/4" | SC | F | STL | 1 | H1 | J1 | - | | | - |
| В | M-108 | 3'-6" | 7'-0" | 1 3/4" | SC | G3 | STL | 1 | H1 | J1 | - | | | - |
| | M-112 | 3'-0" | 7'-0" | 1 3/4" | WD/GL | G | STL | 1 | H1 | J1 | - | | | - |
| | M-114 | 3'-0" | 7'-0" | 1 3/4" | SC | F | STL | 1 | H1 | J1 | - | | | 1/2" UNDERCUT |
| | M-116 | 3'-2" (PR) | 7'-0" | 1 3/4" | WD/GL | G4 | WD | | | | - | | - | BARN DOOR HARDWARE |
| | M-117 | 3'-0" | 7'-0" | 1 3/4" | SC | N | STL | 1 | H1 | J1 | - | | | - |
| | M-117A | 3'-0" | 7'-0" | 1 3/4" | SC | F | STL | 1 | H1 | J1 | - | | | 1/2" UNDERCUT |
| | M-X01 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | W-3 | | | - | | | - |
| | M-X02 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | W-4 | | | - | | | - |
| | M-X03 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | 4 | | | - | | | - |
| | M-X04 | 3'-11" (PR) | 7'-10" | 1 3/4" | ALUM/GL | G2 | AL | W-7 | | | - | | | - |
| | M-X05 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | W-8 | | | - | | | - |
| | M-X06 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | W-10 | | | - | | | - |
| | M-X07 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | W-10 | | | - | | | - |
| | M-X08 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | W-8 | | | - | | | - |
| | M-X09 | 3'-11" (PR) | 7'-10" | 1 3/4" | ALUM/GL | G2 | AL | W-7 | | | - | | | - |
| | M-X10 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | 4 | | | - | | | - |
| | M-X11 | 3'-11" | 7'-10" | 1 3/4" | ALUM/GL | G | AL | W-4 | | | - | | | - |
| | B-01 | 3'-0" | 7'-0" | 1 3/4" | STL | F | STL | 1 | H4 | J4 | - | 45 MIN | | - |
| | B-02 | 3'-8" | 7'-0" | 1 3/4" | STL | N | STL | 1 | H4 | J4 | - | | | - |



DOOR & FINISH SCHEDULES & **DETAILS**

A-612



MECHANICAL LEGEND ABBREV <u>DESCRIPTION</u> SAN SANITARY PIPE STORM WATER CONDENSATE DRAIN CLEANOUT VENT PIPE COLD WATER HOT WATER HOT WATER RECIRCULATING ----GLOBE VALVE CHECK VALVE BACK WATER VALVE FLOW METER FITTING COMBINATION BALANCING SHUT-OFF VALVE PRESSURE REDUCING VALVE TRAP PRIMER RELIEF VALVE MANUAL AIR VALVE AUTOMATIC AIR VALVE STRAINER UNION SHOCK ABSORBER FLOW SWITCH PRESSURE SWITCH THERMOMETER PRESSURE GAUGE PRESSURE GAUGE TAPPING BUTTERFLY VALVE W/ MEMORY STOPS MULTI-PURPOSE VALVE REDUCED ZONE BACKFLOW (1013) W/ FUNNEL DRAI PIPE TURNING UP PIPE TURNING DOWN TEE TURNED UP TEE TURNED DOWN WALL HYDRANT HOSE BIBB SHUTOFF VALVE GAS PRESSURE REGULATOR ANGLE STOP FLOOR DRAIN W/TRAP PRIMING LINE $\frac{1}{M-5}$ DETAIL DESIGNATION

| | ABBREVIATIONS | | | | | |
|---------------|-------------------------------|-----------------------|--------------------------------|--|--|--|
| <u>ABBREV</u> | DESCRIPTION | <u>ABBREV</u> | DESCRIPTION | | | |
| <u>P-</u> | PLUMBING FIXTURE DESIGNATION | I.W. | | | | |
| ABV. | ABOVE | INV. ELEV. | INVERT ELEVATION | | | |
| A.F.F. | ABOVE FINISHED FLOOR | KW | KILOWATT | | | |
| | ABOVE GRADE | | LEAVING AIR TEMPERATURE | | | |
| | AIR COOLED CONDENSTING UNIT | | LEAVING WATER TEMPERATURE | | | |
| A.H.U. | AIR HANDLING UNIT | MBH | • | | | |
| A.P.D. | AIR PRESSURE DROP | MFGR.'S | MANUFACTURER'S | | | |
| & | AND | MECH. | | | | |
| ARCH. | ARCHITECTURAL | MIN., MAX. | • | | | |
| 0 | AT | MTD. | MOUNTED | | | |
| A.T.C. | AUTOMATIC TEMPERATURE CONTROL | MU. | MAKE UP | | | |
| B.G. | BELOW GRADE | N.F.P.A. | NATIONAL FIRE PROTECTION AGENC | | | |
| BTUH | | N.C. | NORMALLY CLOSED | | | |
| CFH | | N.O. | NORMALLY OPEN | | | |
| CFM | CUBIC FEET PER MINUTE | O.C. | ON CENTER | | | |
| COMP. | COMPRESSOR | O.E.D. | | | | |
| CLG. | CEILING | O.A. | | | | |
| CONT. | CONTINUATION | PSIG | | | | |
| DIV. | DIVISION | REG. | REGISTER | | | |
| DN. | DOWN | R.P.M. | | | | |
| DR. | DRAIN | RA | RETURN AIR | | | |
| DWG. | DRAWING | R.L.A. | RUNNING LOAD AMPS | | | |
| D.B. | DRY BULB | RTU | | | | |
| ELEC. | ELECTRIC | SA | SUPPLY AIR | | | |
| ELEV. | ELEVATION | SENS. | | | | |
| E.A.T. | | | STAINLESS STEEL | | | |
| E.U.H. | | | STRUCTURE | | | |
| E.W.H. | | TYP. | TYPICAL | | | |
| E.W.T. | | U.G. VD | UNDERGROUND VOLUME DAMPER | | | |
| EXH | EXHAUST AIR | VAV | VARIABLE AIR VOLUME | | | |
| EQPT. | EQUIPMENT | VFD | VARIABLE FREQUENCY DRIVE | | | |
| E.S.P. | EXTERNAL STATIC PRESSURE | VTR | VENT THROUGH ROOF | | | |
| F.C.U. | FAN COIL UNIT | V/ø/Hz | VOLTS/PHASE/HERTZ | | | |
| F.D | FIRE DAMPER | w.c. | WATER COLUMN | | | |
| F.L.A. | FULL LOAD AMPS | W.P.D. | WATER PRESSURE DROP | | | |
| GAL | GALLON | W.B. | WET BULB | | | |
| GPM | | $W \times H \times D$ | WIDTH x HEIGHT x DEPTH | | | |
| GR. | GRILLE | W/ | WITH | | | |
| G.W.B. | GYPSUM WALL BOARD | Ŵ | WATTS | | | |
| HP | HORSEPOWER | wssc | WASHINGTON SUBURBAN | | | |
| 111 | HOROLI OWEN | | SANITARY COMMISSION | | | |
| | | Ī | | | | |

COORDINATE THE INSTALLATION OF SUPPLY, RETURN AND EXHAUST AIR DEVICES, ETC... WITH DUCTWORK, DOMESTIC WATER, SANITARY,

INSTALL EQUIPMENT, IE: AHU'S, HEATING COILS, VAV BOXES, PUMPS, WATER HEATERS, FANS, ETC..., IN SUCH A MANNER AS TO PROVIDE ADEQUATE SPACE FOR MAINTENANCE

VALVING, EQUIPMENT, ETC...

AND EQUIPMENT ACCESS.

BUILDING FACILITIES PERSONNEL.

STORM WATER PIPING. IF THE INSTALLATION DEVIATES FROM THE CONTRACT DRAWINGS, SERVICEABILITY & MAINTENANCE MUST BE MAINTAINED TO

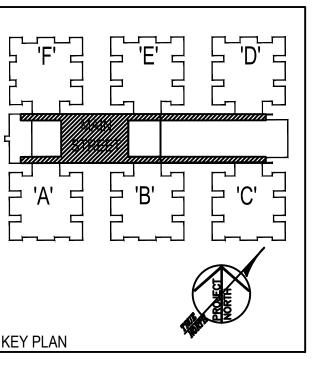
ANY SHUTDOWNS OF BUILDING DOMESTIC WATER SERVICES WILL BE COORDINATED WITH

GENERAL PROJECT NOTES UNLESS OTHERWISE INDICATED, WORK IS NEW WORK. UNLESS OTHERWISE INDICATED, PIPING SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE. INTERMEDIATE STRUCTURAL SUPPORTS SHALL BE PROVIDED IN AN APPROVED MANNER AS REQUIRED TO MEET MINIMUM SUPPORT SPACING REQUIRED BY THE SPECIFICATIONS. COORDINATE AND LOCATE STAGING / STORAGE AREA WHERE DIRECTED BY THE OWNER PRIOR TO BEGINNING CONSTRUCTION. COORDINATE THE INSTALLATION OF LIGHTING FIXTURES WITH PIPING, DUCTWORK, AIR DEVICES, SPRINKLERS AND EQUIPMENT BEING INSTALLED IN THE FACILITY SUCH THAT PIPING, DUCTWORK, AIR DEVICES, AND EQUIPMENT DO NOT BLOCK OR IMPEDE LIGHTING. PROVIDE WEATHER TIGHT PIPE SLEEVES AT ROOF, WALL & FLOOR PENETRATIONS. PROVIDE HANGERS, ANCHORS, ETC... ON PIPING PER SUPPORT MANUFACTURER'S RECOMMENDATIONS. INSTALL PIPING SO THAT VALVING IS ACCESSIBLE. PROVIDE ACCESS PANELS PER SPECIFICATIONS. . THE SPRINKLER SYSTEM SHALL BE DESIGNED & COORDINATED WITH DUCTWORK, PIPING, LIGHTING, EQUIPMENT AND ARCHITECTURAL REFLECTED CEILING PLANS. NO CHANGE ORDERS SHALL BE ACCEPTED. PROVIDE THE BUILDING WITH A WET PIPE TYPE SPRINKLER SYSTEM TO ADHERE TO NFPA, STATE AND LOCAL FIRE CODES. PROVIDE PIPE MAINS, PIPE BRANCHES, PIPE SUPPORTS, VALVING, SPRINKLER HEADS, INTERCONNECTING ELECTRICAL WIRING, ETC... TO COMPLETELY SPRINKLER THE FACILITY. SYSTEM SHALL BE DESIGNED UNDER ORDINARY HAZARD GROUP I. KEY PLAN 10. ROUTE DOMESTIC WATER PIPING, SPRINKLER PIPING, ETC... IN PIPE CHASES AND FURRED OUT WALLS AND ABOVE CEILINGS. NO PIPING SHALL BE EXPOSED UNLESS APPROVED BY THE ARCHITECT OR OWNER. . REFER TO ARCHITECTURAL DRAWINGS FOR ROOF, CEILING CONSTRUCTION TYPES AND DETAILS. REFER TO STRUCTURAL DRAWINGS FOR STEEL SIZES AND LOCATIONS.



Little Sisters of the Poor

601 Maiden Choice Lane Baltimore, MD 21228



| Gaudr ARCHITECTS I | reau, Inc. | |
|-----------------------|---|--|
| | I Baltimore I Maryland 21230 I www.gaudreauinc.com | |
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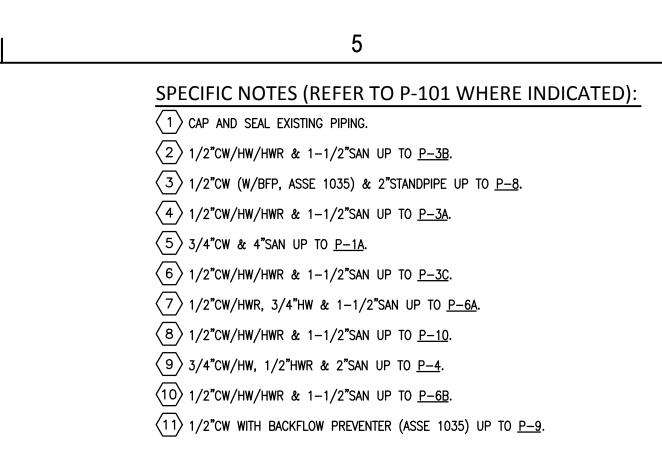
<u>Professional Certification</u>: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland. License No: 9473 Expiration Date: 04/07/17

CONSTRUCTION DOCUMENTS

| Description | Date |
|------------------|------------------|
| Construction Set | 05.09.2016 |
| | |
| | |
| | |
| | |
| | 03/04/16 |
| Number: | 15046.00 |
| | Construction Set |

PLUMBING LEGEND, NOTES ABBREV. & SCHED. **MAIN STREET**

P-001





601 Maiden Choice Lane Baltimore, MD 21228



| Number | Description | Date |
|--------|------------------|---------------|
| 2 | Addendum #2 | 03.30. |
| | Construction Set | 05.09. |
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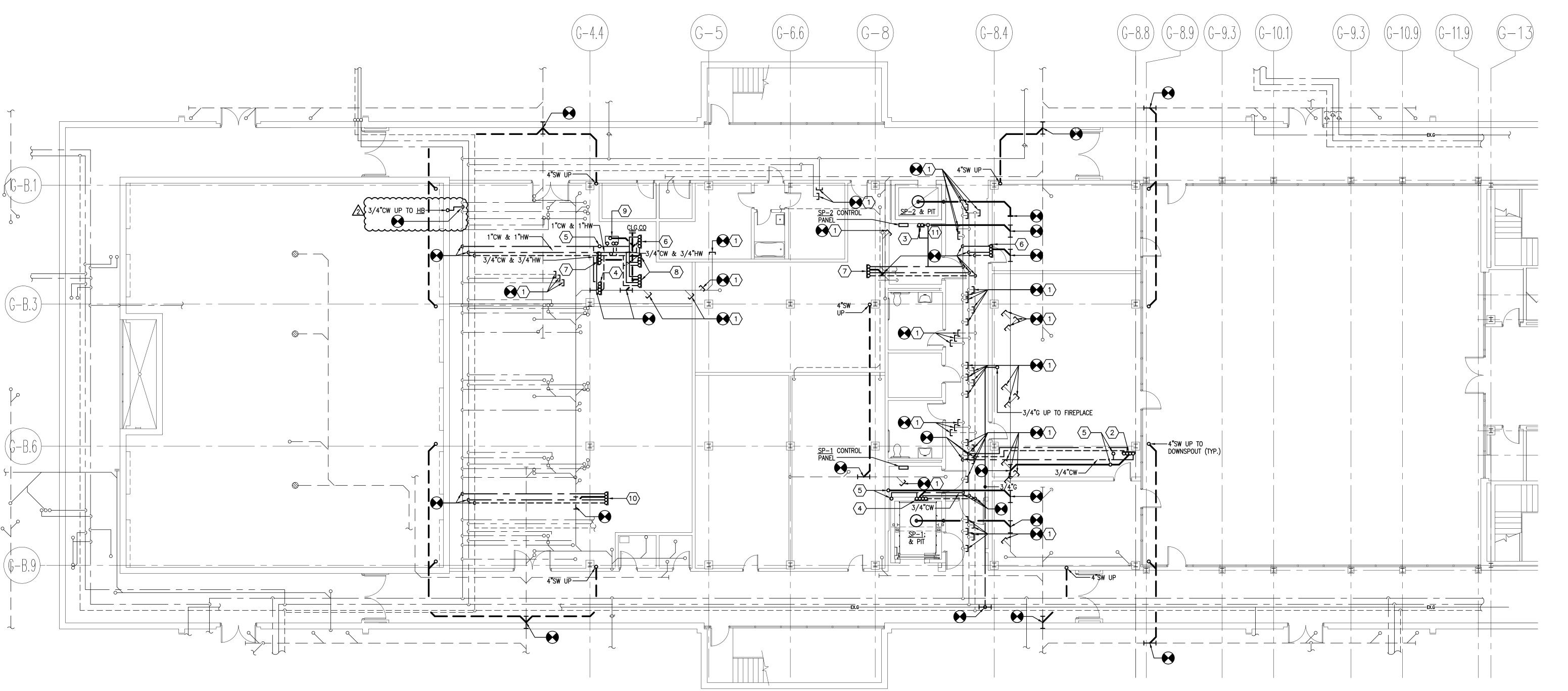
<u>Professional Certification</u>: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland.

ARCHITECTS | PLANNERS

810 Light Street I Baltimore I Maryland 21230 410 . 837 . 5040 I www.gaudreauinc.com

PARTIAL BASEMENT
WEST FLOOR PLAN
PLUMBING

P-110



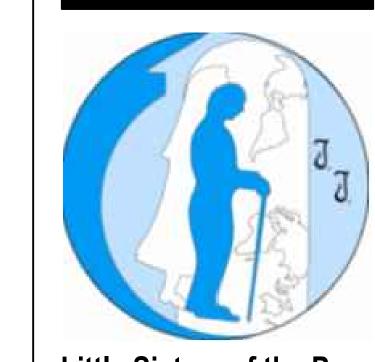
PARTIAL BASEMENT WEST FLOOR PLAN - PLUMBING

SCALE: 1/8"=1'-0'

0 4' 8' 16'

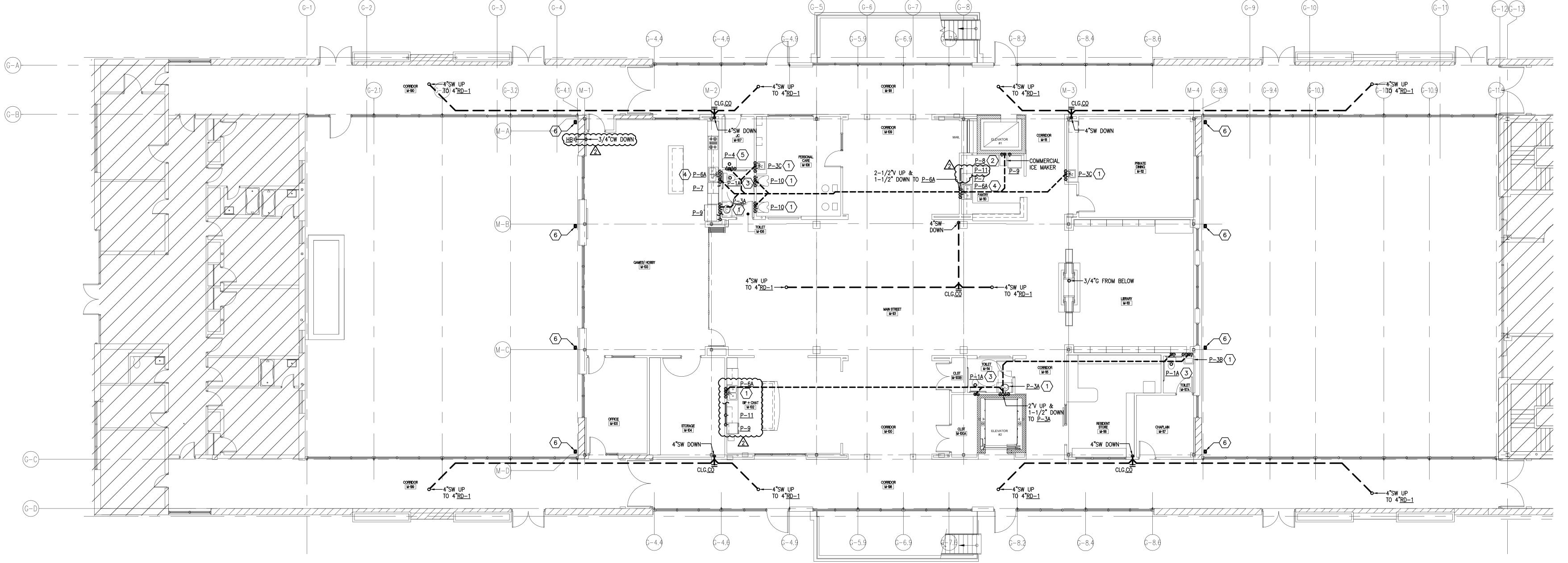
SCALE: 1/8" = 1'-0"

1 2 SPECIFIC NOTES (REFER TO P-111 WHERE INDICATED):
① 1/2*CW/HW/HWR & 1-1/2*SM DOWN.
② 1/2*CW & 2*STUMPOPE DOWN.
③ 3/4*CW & 4*SM DOWN.
④ 1/2*CW/HW, 3/4*HW & 1-1/2*SM DOWN.
⑤ 3/4*CW/HW, 3/4*HW & 1-1/2*SM DOWN.
⑥ 3/4*CW/HW, 3/4*HW & 0-1/2*SM DOWN.
⑥ 4*DWNSPOUT MOD BOOT.
⑥ 4*DWNSPOUT MOD BOOT.

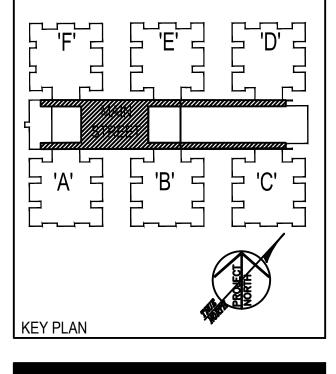


Little Sisters of the Poor

601 Maiden Choice Lane Baltimore, MD 21228



PARTIAL 1ST FLOOR WEST FLOOR PLAN - MAIN STREET - PLUMBING
SCALE: 1/8"=1'-0'



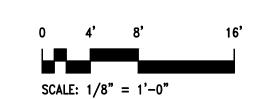
| U, Inc. ERS Imore Maryland 21230 .gaudreauinc.com |
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CONSTRUCTION DOCUMENTS

| Number | Description | Date |
|--------|------------------|------------|
| 2 | Addendum #2 | 03.30.2016 |
| | Construction Set | 05.09.2016 |
| | | |
| | | |
| Date: | | 03/04/10 |
| | : Number: | 15046.0 |

PARTIAL 1ST FLOOR
WEST FLOOR PLAN
MAIN STREET
PLUMBING

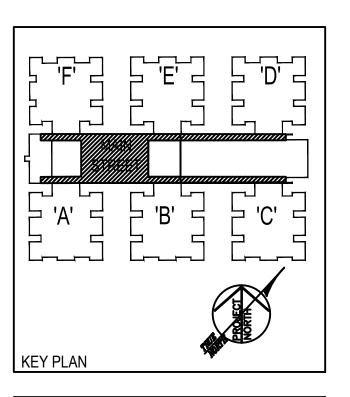
P-111



4"<u>RD-1</u> 4<u>"RD-1</u> RD 4"<u>RD-1</u> RD 1 LEVEL OPEN COURTYARD 2 LEVEL OPEN COURTYARD SLOPE DOWN SLOPE DOWN _ 4"<u>RD-1</u> PARTIAL ROOF WEST PLAN - MAIN STREET - PLUMBING SCALE: 1/8"=1'-0'
NOTE: XXX



601 Maiden Choice Lane Baltimore, MD 21228



| Gaudreau architects i planner: | | | | | |
|--|--------------------------------------|--|--|--|--|
| 810 Light Street I Baltimo 410 . 837 . 5040 I www.ga | re I Maryland 21230 udreauinc.com | | | | |
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| | | | | | |
| Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland. | | | | | |
| License No: 9473 | Expiration Date: 04/07/17 | | | | |
| | | | | | |

| CONSTRUCTION DOCUMENTS |
|------------------------|
| |

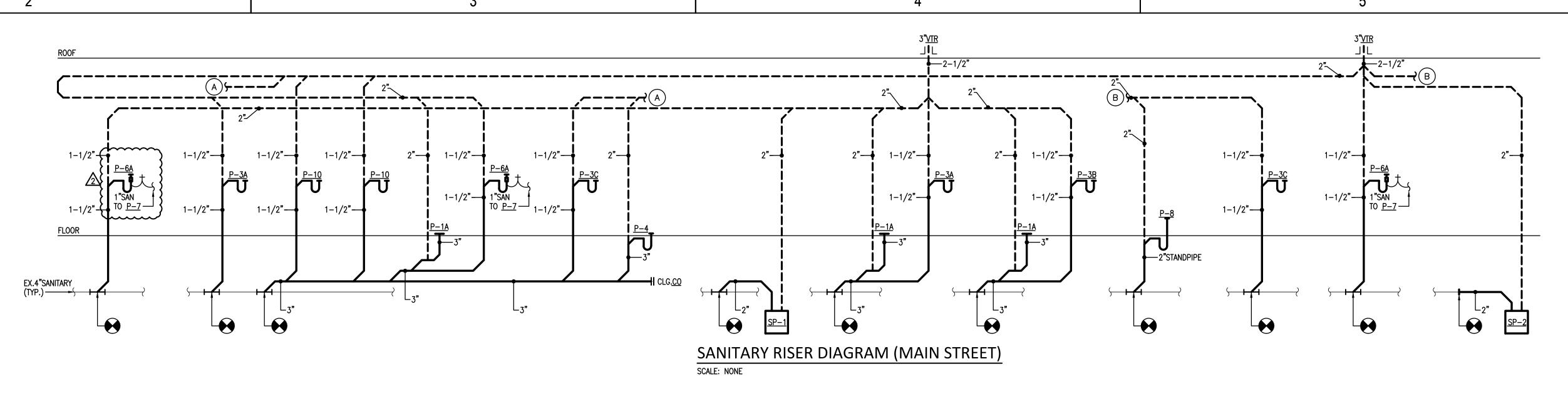
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| D (| 00/04/40 |
| Date: | 03/04/16 |
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| Droject Number | 15046.00 |
| Project Number: | 15046.00 |
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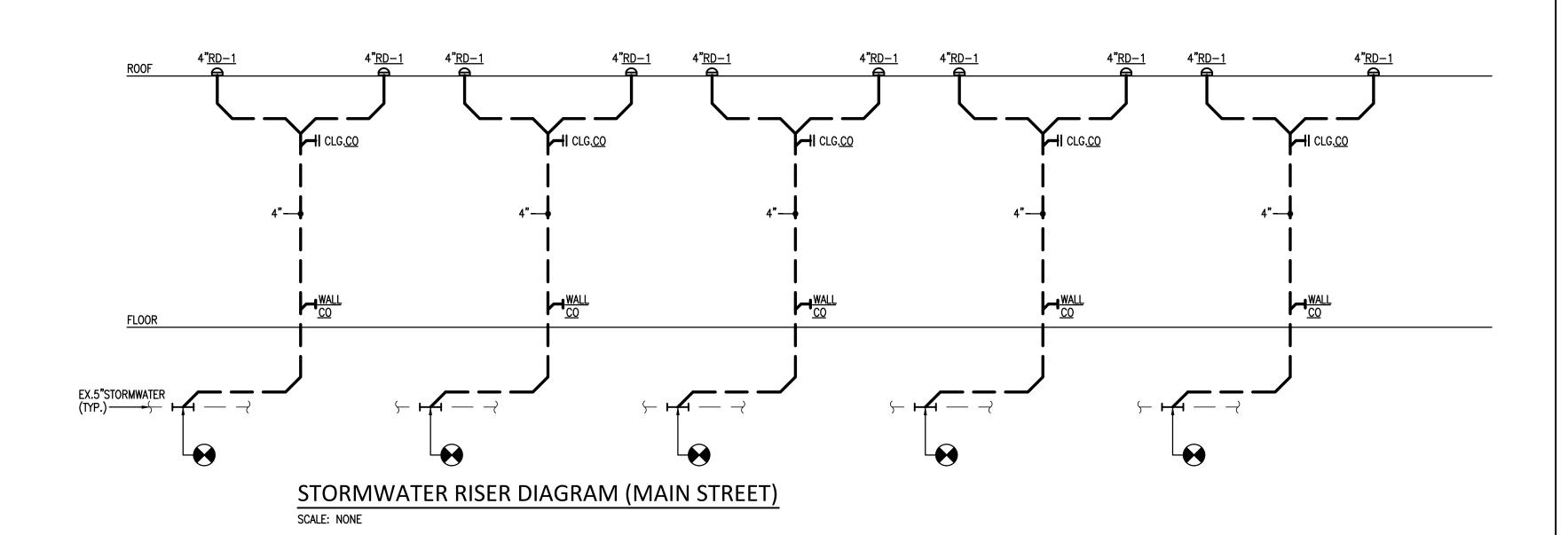
PARTIAL ROOF
WEST PLAN
MAIN STREET
PLUMBING

P-112

0 4' 8' 16'

SCALE: 1/8" = 1'-0"





PLUMBING EQUIPMENT LIST

1. SUMP PUMP No. 1 AND 2

SP-1, SP-2

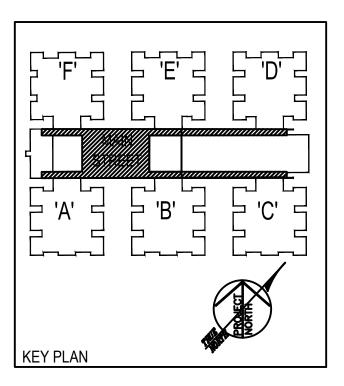
STANCOR MODEL NUMBER SE-50 WITH OIL-MINDER CONTROL
1/2 HP, 115V/1ø/60Hz, 3,600 RPM, 8 FLA
2" PIPE DISCHARGE, 50 GPM AT 20 FT. OF HEAD
PROVIDE THE SYSTEM WITH:
BASIN, COVER, VALVES, PIPING, GFI DUPLEX CONVENIENCE OUTLET

| | | | | | | | PLUMBING I | FIXTURE SCHEDULE | | | Professional Certification: |
|-------|-----------------|---------|------------|---------|--------------|--------------|------------------------------------|---|---|---------|---|
| DESIG | DESCRIPTION | SAN | SW | VENT | CW | HW | MANUFACTURER & MODEL | TRIM AND ACCESSORIES | REMARKS | NOTES | or approved by me, and the laws of the State of Maryla License No: 9473 |
| '-1A | WATER CLOSET | 3" | † - | 2" | 3/4" | | AMERICAN STANDARD | SEAT: AMERICAN STANDARD | 16-1/2"HIGH, FLOOR MOUNTED, ELONGATED | 1,3,4,5 | License No. 9475 |
| | (TANK) | | | | | | MODEL 2467.100 | MODEL 5905.100; ELONGATED | ADA COMPLIANT | | |
| | | | | | | | FINISH: WHITE | WITH COVER; FINISH: WHITE | 1.28 GALLONS PER FLUSH | | CONSTRUC |
| -3A | LAVATORY | 1-1/2" | - | 1-1/2" | 1/2" | 1/2' | AMERICAN STANDARD OVALYN | FAUCET: DELTA 3538-RBMPU-DST | FAUCET: 1.5 GPM | 1,3 | |
| | (COUNTERTOP) | | | | | | MODEL 0496.221 | MCQUIRE 155A, 8912-C P-TRAP | | | |
| | | | | | | | | MCGUIRE 165LK CONNECTION | | | |
| 3B | LAVATORY | 1-1/2" | - | 1-1/2" | 1/2" | 1/2' | AMERICAN STANDARD LUCERNE | FAUCET: DELTA 3538-RBMPU-DST | FAUCET: 1.5 GPM | 1,3 | Number Description |
| | (WALL HUNG) | | | | | | MODEL 0356.028 | MCQUIRE 155WC, 8912-C P-TRAP | | | 2 Addendum # |
| | | | | | | | | MCGUIRE 165LK CONNECTION | | | Construction |
| | | | | | | | | TRUEBRO 105E-Z | | | |
| -3C | LAVATORY | 1-1/2" | † - | 1-1/2" | 1/2" | 1/2' | BOWL: ELKAY MODEL DLR191910 | FAUCET: DELTA 3538-RBMPU-DST | FAUCET: 1.5 GPM | 1,2 | |
| | (COUNTERTOP) | | | | | | 10" DEEP BOWL WITH (1) FAUCET HOLE | DUAL HANDLE, SINGLE HOLE, 5" GOOSENECK, | | | |
| | | | | | | | FINISH: STAINLESS STEEL | FINISH: CHROME | | | |
| -4 | SERVICE SINK | 3" | - | 2" | 3/4" | 3/4' | FIAT: MSB 2424 | FIAT FAUCET: 830-AA; | 24"x24" MOLDED STONE SINK | 1,3 | |
| | (FLOOR MOUNTED) | | | | | | | ALUMINUM BUMPER GUARD, HOSE & | | | |
| | | | | | | | | BRACKET, MOP HANGER | | | |
| 6A | KITCHEN SINK | 1-1/2" | † - | 1-1/2" | 1/2" | 1/2' | ELKAY: LR-2922 | FAUCET: DELTA MODEL 101-DST; 8" CENTERS | ADA COMPLIANT | 1,3 | |
| | (DOUBLE BOWL) | | | | | | 7-1/2" DEEP BOWL | FINISH: POLISHED CHROME | SINGLE LEVER, SWIVEL SPOUT, DECK MOUNTED. | | Deter |
| | | | | | | | | GARBAGE DISPOSAL: INSINKERATOR BADGER 1 | 2.2 GPM | | Date: |
| | | | | | | | | 120V-1PH, 1/3HP | | | |
| 6B | KITCHEN SINK | 1-1/2" | - | 1-1/2" | 1/2" | 1/2' | ELKAY: LRAD-2222 | FAUCET: DELTA MODEL 1977-RB-DST; 8" CENTERS | ADA COMPLIANT | 1,3 | Project Number: |
| | (SINGLE BOWL) | | | | | | 6-1/2" DEEP BOWL WITH OFF CENTERED | | SINGLE LEVER, SWIVEL SPOUT, DECK MOUNTED. | | |
| | | | | | | | REAR DRAIN OPENING | | 2.2 GPM | | |
| -7 | DISHWASHER | 1" | - | - | - | 3/4' | PROVIDED UNDER ANOTHER | | | 1,2 | |
| | | | | | | | DIVISION | | | | PL |
| 8 | COMMERCIAL | - | - | - | 1/2" | - | PROVIDED UNDER ANOTHER | GUY GRAY BOX: BIM875 | BACKFLOW PREVENTOR (ASSE 1035) | 1,2 | |
| | ICE MAKER | | | | | | DIVISION | | | | RISER |
| -9 | REFRIGERATOR | - | - | - | 1/2" | - | PROVIDED UNDER ANOTHER | GUY GRAY BOX: BIM875 | BACKFLOW PREVENTOR (ASSE 1035) | 1,2 | |
| | ICE MAKER | | | | | | DIVISION | | | | MAI |
| -10 | HAIR SALON SINK | 1-1/2" | - | 1-1/2" | 1/2" | 1/2' | PROVIDED UNDER ANOTHER | | | 1,2 | |
| ~~ | | | L_ | | \downarrow | | DIVISION | | | | |
| -11 | COFFEE MAKER | - | - | - | 1/2" | - | PROVIDED UNDER ANOTHER | GUY GRAY BOX: BIM875 | | 1,2 | |
| | | | 1 | | 1 | 1 | DIVISION | | | I R | |

- PROVIDE FINAL PLUMBING CONNECTIONS TO EQUIPMENT PROVIDED UNDER ANOTHER DIVISION.
 COORDINATE PLUMBING FIXTURE FINISH WITH ARCHITECTURAL DRAWINGS.
- COORDINATE PLUMBING FIXTURE FINISH WITH ARCHITECT
 COORDINATE WITH WALL THICKNESS.
- 5. CONTRACTOR SHALL COORDINATE LEFT OR RIGHT SIDE TRIP WITH ARCHITECTURAL DRAWINGS.



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License No: 9473 Expiration Date: 04/07/17

CONSTRUCTION DOCUMENTS

 Number
 Description
 Date

 2
 Addendum #2
 03.30.2016

 Construction Set
 05.09.2016

Date:

03/04/16

Project Number: 15046.00

PLUMBING RISER DIAGRAMS MAIN STREET

P-610

MECHANICAL LEGEND <u>ABBREV</u> <u>DESCRIPTION</u> <u>SYMBOL</u> THERMOSTAT, EQUIPMENT NO. CONTROLLED DUCT DETECTOR MOD MOTOR OPERATED DAMPER CARBON DIOXIDE SENSOR CFM CUBIC FEET PER MINUTE DIA. DIAMETER SUPPLY DUCT TURNED UP SUPPLY DUCT TURNED DOWN RETURN DUCT TURNED UP RETURN DUCT TURNED DOWN EXHAUST DUCT TURNED UP EXHAUST DUCT TURNED DOWN MANUAL VOLUME DAMPER MOD MOTOR OPERATED DAMPER FD FIRE DAMPER BDD BACKDRAFT DAMPER BDD OPPOSED BLADE DAMPER R INCLINED DUCT RISE D INCLINED DUCT DOWN MATCH LINE _____ TURNING VANES ACCESS DOOR REMOVE AND RELOCATE AIR DEVICE CONNECT TO EXISTING

GENERAL PROJECT NOTES

1. UNLESS OTHERWISE INDICATED, WORK IS NEW WORK.

BY THE MANUFACTURER.

2. EXISTING WORK IS EXISTING TO REMAIN UNLESS OTHERWISE INDICATED.

- 3. COORDINATE AND LOCATE STAGING/STORAGE AREA WHERE DIRECTED BY THE OWNER PRIOR TO BEGINNING CONSTRUCTION. 4. THE SPRINKLER SYSTEM SHALL BE DESIGNED & COORDINATED WITH NEW AND EXISTING DUCTWORK, PIPING, LIGHTING, EQUIPMENT AND ARCHITECTURAL REFLECTED CEILING PLANS. EXISTING SPRINKLER HEADS SHALL BE REMOVED AND REPLACED WITH RAPID RESPONSE RECESSED WHITE FINISH SPRINKLER HEADS.
- 5. THE EXISTING SPRINKLER (FIRE PROTECTION) SYSTEM CURRENTLY SERVING THE EXISTING AREAS SHALL BE REMOVED, MODIFIED, EXTENDED (INCLUDING SPRINKLER HEADS, BRANCH LINES, PIPE SUPPORTS, FIRE MAINS, VALVING, ETC...) TO ACCOMPLISH SPRINKLERING OF THE SCOPE OF WORK AREA. INCLUDE ALL SPRINKLER MODIFICATIONS TO THE EXISTING BUILDING TO ACCOMODATE NEW PARTITIONING, AIR DISTRIBUTION LAYOUT, LIGHTING LAYOUT, AREA HAZARD
 - CLASSIFICATIONS, ETC... 6. UNLESS OTHERWISE INDICATED, PIPING SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE. INTERMEDIATE STRUCTURAL SUPPORTS SHALL BE PROVIDED IN AN APPROVED MANNER AS REQUIRED TO MEET MINIMUM SUPPORT SPACING REQUIRED
 - 7. EXISTING PIPING, VALVING, DUCTWORK & ELECTRIC CONDUITS, ETC... DO EXIST WITHIN THE CEILING SPACE OTHER THAN THAT WHICH IS SHOWN ON THE CONTRACT DRAWINGS.
 - 8. FIELD CHECK PREMISES PRIOR TO SUBMITTING BID TO BECOME ACQUAINTTED WITH EXISTING CONDITIONS AND TO DETERMINE BEST MANNER FOR INSTALLATION. DETAILS OF PROPOSED DEPARTURES DUE TO ACTUAL FIELD CONDITIONS OR OTHER CAUSES SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO FINAL INSTALLATION. NO EXTRAS SHALL BE PAID IN INSTANCES WHERE DISCREPANCIES ARISE AND THE INSTALLER HAS FAILED TO VERIFY JOB SITE CONDITIONS.
 - 9. COORDINATE MOTORS AND OTHER ELECTRICAL EQUIPMENT FURNISHED UNDER DIV. 15 WITH DIV. 16. PROVIDE EQUIPMENT COORDINATION TABLE AS A SHOP DRAWING FOR REVIEW. TABLE SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING INFORMATION: A) EQUIPMENT POWER REQUIREMENTS INCLUDING AMPS & VOLTAGES. B) DISCONNECTING MEANS AND OVER CURRENT PROTECTION REQUIREMENTS. C) CONTROL REQUIREMENTS.
- 10. COORDINATE THE INSTALLATION OF LIGHTING FIXTURES WITH PIPING, DUCTWORK, AIR DEVICES, SPRINKLERS AND EQUIPMENT BEING INSTALLED IN THE FACILITY SUCH THAT PIPING, DUCTWORK, AIR DEVICES, AND EQUIPMENT DO NOT
- 11. COORDINATE THE INSTALLATION OF SUPPLY, RETURN AND EXHAUST AIR DEVICES, ETC... WITH DUCTWORK, DOMESTIC WATER, SANITARY, STORM WATER PIPING. IF THE INSTALLATION DEVIATES FROM THE CONTRACT DRAWINGS, SERVICEABILITY & MAINTENANCE MUST BE MAINTAINED TO VALVING, EQUIPMENT, ETC...
- 12. PROVIDE HANGERS, ANCHORS, ETC... ON PIPING PER SUPPORT MANUFACTURER'S RECOMMENDATIONS. 13. ALL SYSTEM VALVING SHALL BE INSTALLED IN SUCH A MANNER SO AS TO BE ACCESSIBLE TO THE MAINTENANCE PERSONNEL.
- 14. ROUTE DOMESTIC WATER PIPING, SPRINKLER PIPING, HVAC PIPING, GAS PIPING, ETC... IN PIPE CHASES AND FURRED OUT WALLS AND ABOVE CEILINGS. NO PIPING SHALL BE EXPOSED UNLESS APPROVED BY THE
- ARCHITECT OR OWNER.
- 15. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF, WALL AND CEILING CONSTRUCTION TYPES AND DETAILS. REFER TO STRUCTURAL DRAWINGS FOR STEEL SIZES AND LOCATIONS. 16. INSTALL EQUIPMENT, IE: AIR HANDLING UNITS, ETC... IN SUCH A MANNER AS TO PROVIDE ADEQUATE SPACE FOR
- MAINTENANCE AND SERVICE ACCESS. 17. PROVIDE PIPE SLEEVES AT ALL WALL, FLOOR AND ROOF PENETRATIONS, ALL EXTERIOR ROOF & WALL PIPING PENETRATIONS SHALL BE MADE WEATHER TIGHT, REFER TO DETAILS OF EXTERIOR & INTERIOR WALL PENETRATIONS
- FOR MORE INFORMATION. 18. FIRE STOP ALL PIPING AND DUCT PENETRATIONS THRU FIRE WALLS AND FLOORS, IN ADDITION PROVIDE FIRE DAMPERS WHERE REQUIRED BY CODE IN ALL DUCTS THAT PASS THROUGH FIRE WALLS-REFER TO ARCHITECTURAL
- DWG.'s FOR FIRE WALL LOCATIONS. 19. PROVIDE WEATHER TIGHT WALL & ROOF DUCT AND PIPING PENETRATIONS, ALL SEALING MATERIALS TO BE APPROVED BY
- THE ARCHITECT.
- 20. PROVIDE ACCESS DOORS IN DUCTWORK FOR EVERY FIRE DAMPER.

AIR TIGHT IN ACCORDANCE WITH SMACNA STANDARDS.

- 1. INSTALL DUCTWORK SO THAT VOLUME DAMPERS, CONTROL PANELS, ETC... ARE ACCESSIBLE. PROVIDE ACCESS PANELS PER SPECIFICATIONS. 22. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF THERMOSTATS SERVING EQUIPMENT WITH THE OWNER AND/OR
- 23. REPLACE AIR FILTERS SERVING EXISTING AND NEW AIR HANDLING EQUIPMENT PRIOR TO FINAL BALANCING OF ALL AIR DISTRIBUTION SYSTEMS.
- 24. PROVIDE FLEXIBLE DUCT CONNECTION AT ALL DUCTED: AHU'S & EXHAUST FAN INLET & OUTLET CONNECTIONS.
- 25. COORDINATE ALL NEW & DEMOLITION WORK WITH EXISTING WORK TO REMAIN SO AS NOT TO DAMAGE EXISTING WORK. ANY DAMAGE TO EXISTING WORK TO REMAIN SHALL BE REPLACED/REPAIRED AT NO COST TO THE OWNER.
- 26. PATCH EXISTING WALLS AND FLOORS TO MATCH EXISTING WHERE NEW MECHANICAL UTILITIES SUCH AS PLUMBING LINES, ATC WIRING AND TUBING, DUCTS, ETC. PENETRATES EXISTING WALLS AND FLOORS. CONTRACTOR SHALL ALSO PATCH WALLS AND FLOORS TO MATCH EXISTING WHERE EXISTING PIPING, WIRING, TUBING
- DUCTS, ETC. ARE BEING REMOVED AND PENETRATES EXISTING WALLS. 27. ALL SUPPLY, RETURN AND EXHAUST AIR DUCT OPENINGS NOT BEING REUSED SHALL BE PATCHED AND REPAIRED
- 28. THE OWNER HAS FIRST RIGHT OF REFUSAL TO EQUIPMENT, DIFFUSERS, GRILLES, ETC. BEING REMOVED AND NOT BEING RELOCATED.
- 29. PREPARE COORDINATION DRAWINGS FOR ALL INTERIOR BUILDING SYSTEMS. DRAWINGS SHALL BE 1/4"=1'-0"

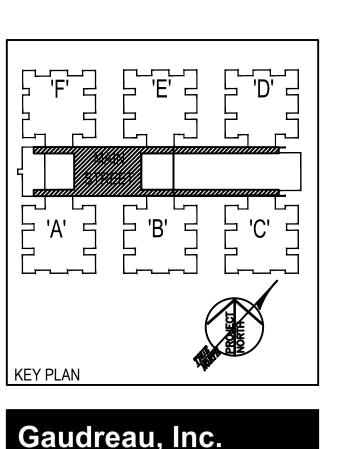
SCALE. SHOW THE RELATIONSHIP OF COMPONENTS SHOWN ON SEPARATE SHOP DRAWINGS. INDICATE REQUIRED INSTALLATION SEQUENCES.

| | MECHANICAL A | ABBREV | IATIONS |
|---------|---------------------------------|---------|--------------------------------|
| ABBREV. | DESCRIPTION | ABBREV. | DESCRIPTION |
| ABV. | ABOVE | KW | KILOWATTS |
| ACCU | AIR COOLED CONDENSING UNIT | LAT | LEAVING AIR TEMPERATURE |
| A.F.F. | ABOVE FINISHED FLOOR | LBS. | POUNDS |
| AHU | AIR HANDLING UNIT | LBS/HR | POUNDS PER HOUR |
| AMPS | AMPERES | LE-# | LAB EQUIPMENT |
| APD | AIR PRESSURE DROP | LS | LINEAR SLOT |
| ARCH. | ARCHITECTURAL | MAX. | MAXIMUM |
| ATC | AUTOMATIC TEMPERATURE CONTROLS | МВН | THOUSANDS OF BTUH'S/HOUR |
| BTUH | BRITHISH THERMAL UNITS PER HOUR | МСА | MINIMUM CIRCUIT AMPS |
| CAP. | CAPACITY | МЕСН. | MECHANICAL |
| CFM | CUBIC FEET PER MINUTE | MIN. | MINIMUM |
| CLG. | CEILING | МОСР | MAXIMUM OVERCURRENT PROTECTION |
| сомв. | COMBUSTION | MTD. | MOUNTED |
| COMP. | COMPRESSOR | OA | OUTDOOR AIR |
| COND. | CONDENSER | OED | OPEN ENDED DUCT |
| CONT. | CONTINUED | QTY. | QUANTITY |
| CUH | CABINET UNIT HEATER | RAR | RETURN AIR GRILLE |
| DB | DRY BULB | RHC | REHEAT COIL |
| DESIGN. | DESIGNATION | RLA | RUNNING LOAD AMPS |
| DIV. | DIVISION | RPM | REVOLUTIONS PER MINUTE |
| DN. | DOWN | RTU | ROOFTOP UNIT |
| DR. | DRAIN | SAD | SUPPLY AIR DIFFUSER |
| DWG. | DRAWINGS | SAR | SUPPLY AIR REGISTER |
| EAG | EXHAUST AIR GRILLE | SEER | SEASIONAL ENERGY EFFICIENCY |
| EAT | ENTERING AIR TEMPERATURE | SENS. | SENSIBLE |
| EF | EXHAUST FAN | SP | STATIC PRESSURE |
| EFF. | EFFICIENCY | SQFT | SQUARE FEET |
| ELEC. | ELECTRICAL | TAG | TRANSFER AIR GRILLE |
| EQPT. | EQUIPMENT | TEMP. | TEMPERATURE |
| ESP | EXTERNAL STATIC PRESSURE | тот. | TOTAL |
| EVAP. | EVAPERATOR | TYP. | TYPICAL |
| EWH | ELECTRIC WALL HEATER | TYP-# | TYPICAL OF "X" (NUMBER) |
| EX. | EXISTING | V-PH | VOLTS-PHASE |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL | VAV | VARIABLE AIR VOLUME |
| FD | FIRE DAMPER | VD | VOLUME DAMPER |
| FLA | FULL LOAD AMPS | VFD | VARIABLE FREQUENCY DRIVE |
| FPM | FEET PER MINUTE | W/ | WITH |
| GR | GRILLE | WB | WET BULB |
| GWB | GYPSUM WALL BOARD | WH | WATER HEATER |
| HP | HORSEPOWER | | |
| IN. | INCHES | | |
| IN.WC. | INCHES OF WATER COLUMN | | |
| | | | |
| | | | |
| | • | • | • |



Little Sisters of the Poor

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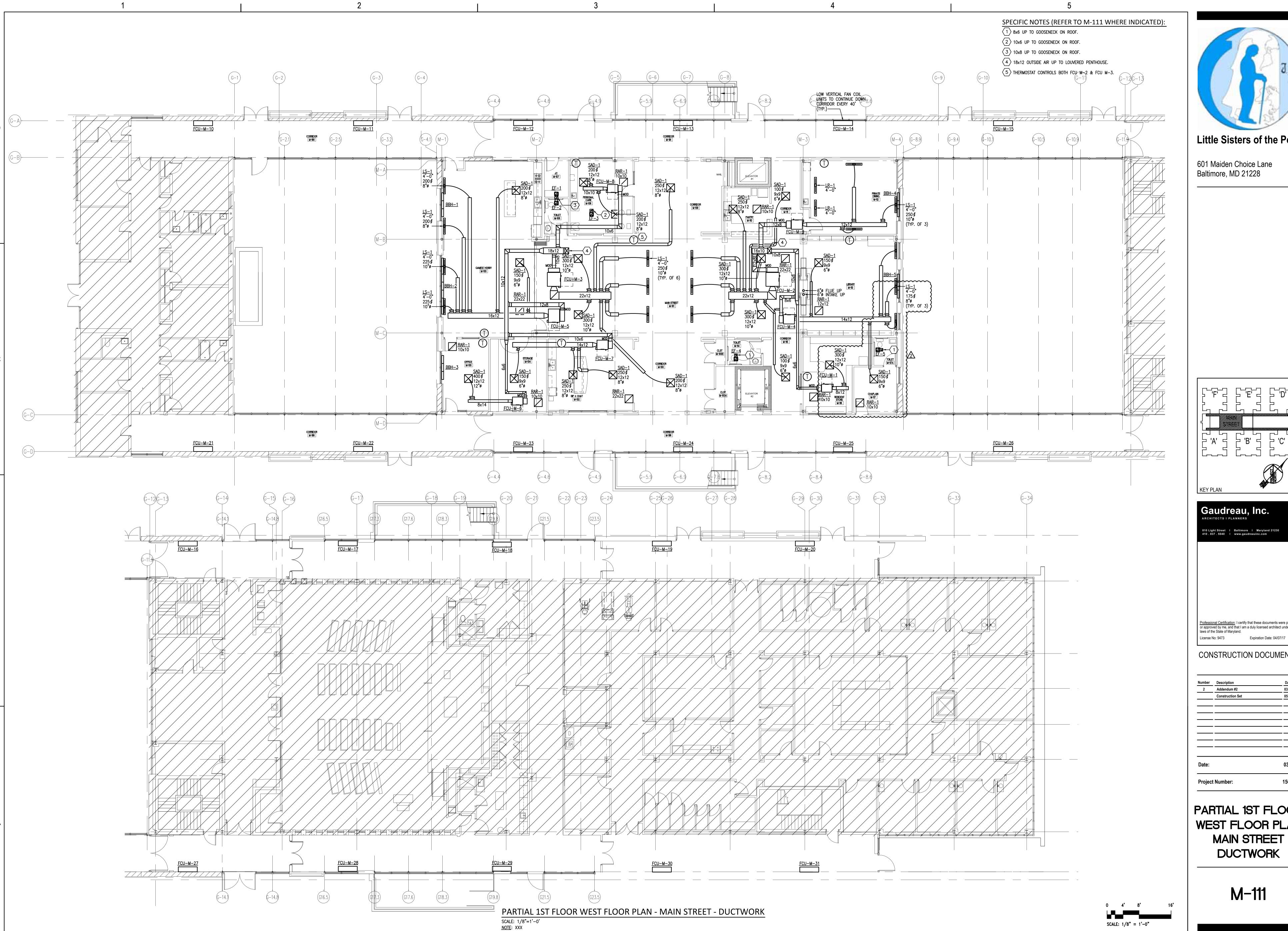
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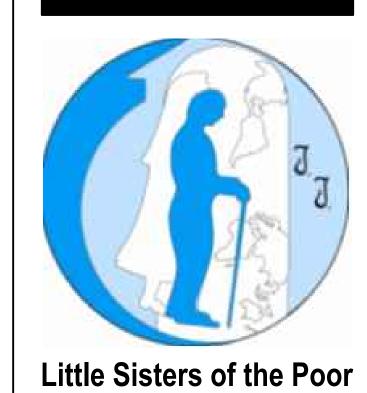
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CONSTRUCTION DOCUMENTS

Number Description **Construction Set** 05.09.2016 03/04/16 Project Number:

MECHANICAL LEGEND, NOTES & ABBREVIATIONS **MAIN STREET**





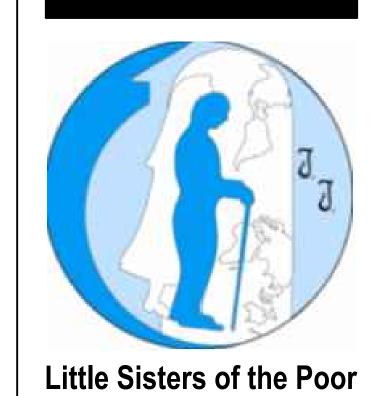
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| or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland. |

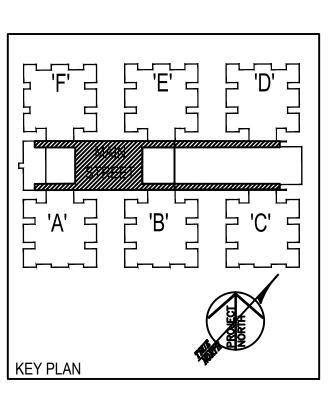
CONSTRUCTION DOCUMENTS

| Number | Description | Date |
|---------|------------------|------------|
| 2 | Addendum #2 | 03.30.2016 |
| | Construction Set | 05.09.2016 |
| | | |
| | | |
| Date: | | 03/04/16 |
| Project | Number: | 15046.00 |

PARTIAL 1ST FLOOR WEST FLOOR PLAN MAIN STREET DUCTWORK

601 Maiden Choice Lane Baltimore, MD 21228 10x8 EA GOOSENECK $\sim\sim\sim\sim$ — LOUVERED PENTHOUSE, <u>LP-2</u>
1175 CFM
16X20 THROAT
24X28 CURB CAP
GREENHECK MODEL LOUVERED PENTHOUSE, LP-1
1015 CFM
14X20 THROAT
22X28 CURB CAP
GREENHECK MODEL
WIH OR EQUAL KEY PLAN OPEN COURTYARD 2 LEVEL 6"CONCENTRIC
VENT TERMINATION OPEN COURTYARD SLOPE DOWN SLOPE DOWN _ 8x6 EA DOWN 8x6 EA GOOSENECK 8x6 EA DOWN 8x6 EA GOOSENECK License No: 9473 PARTIAL ROOF WEST PLAN - MAIN STREET - MECHANICAL SCALE: 1/8"=1'-0'
NOTE: XXX





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|---|
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| 810 Light Street Baltimore Maryland 21230 410 . 837 . 5040 www.gaudreauinc.com |
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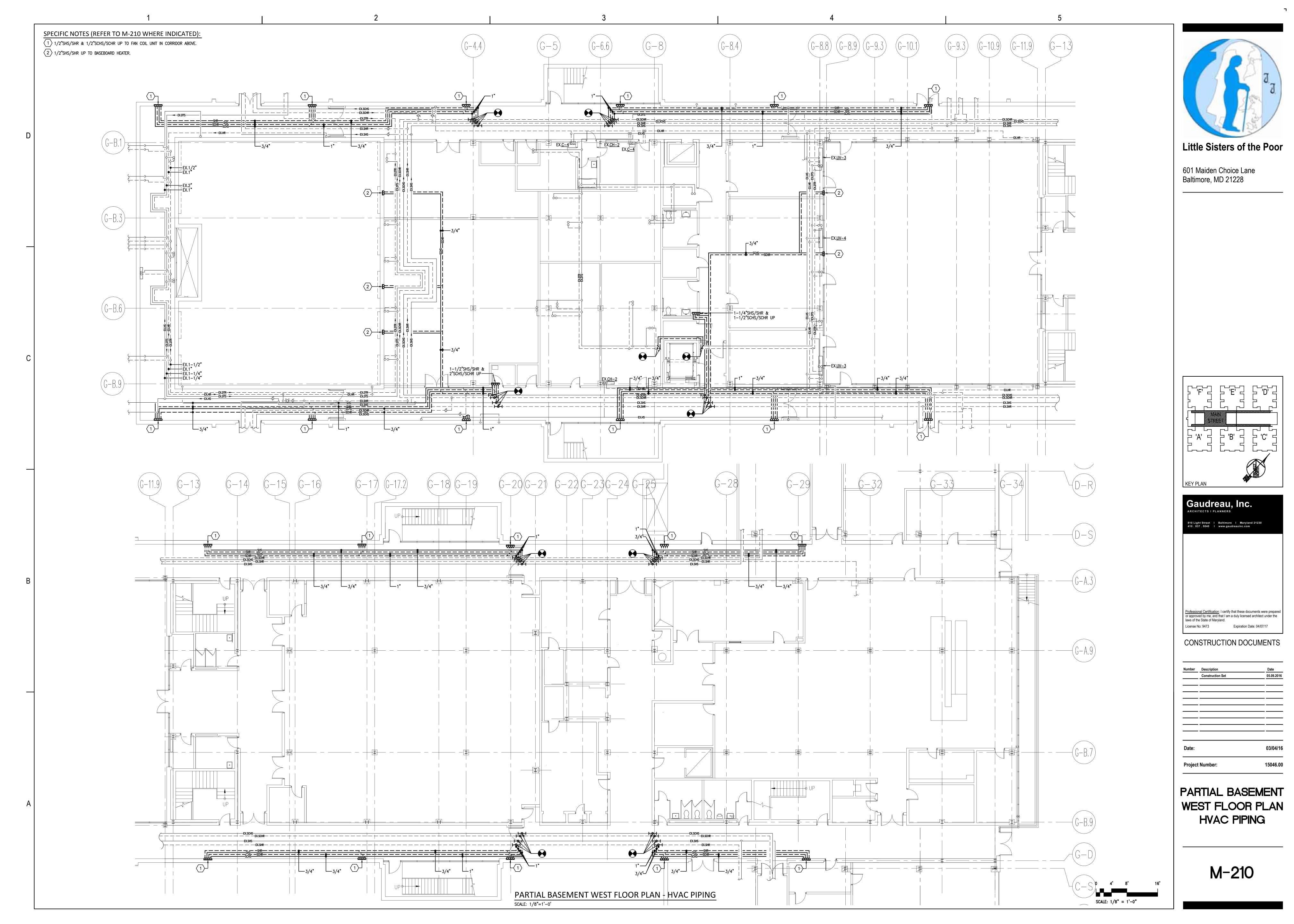
CONSTRUCTION DOCUMENTS

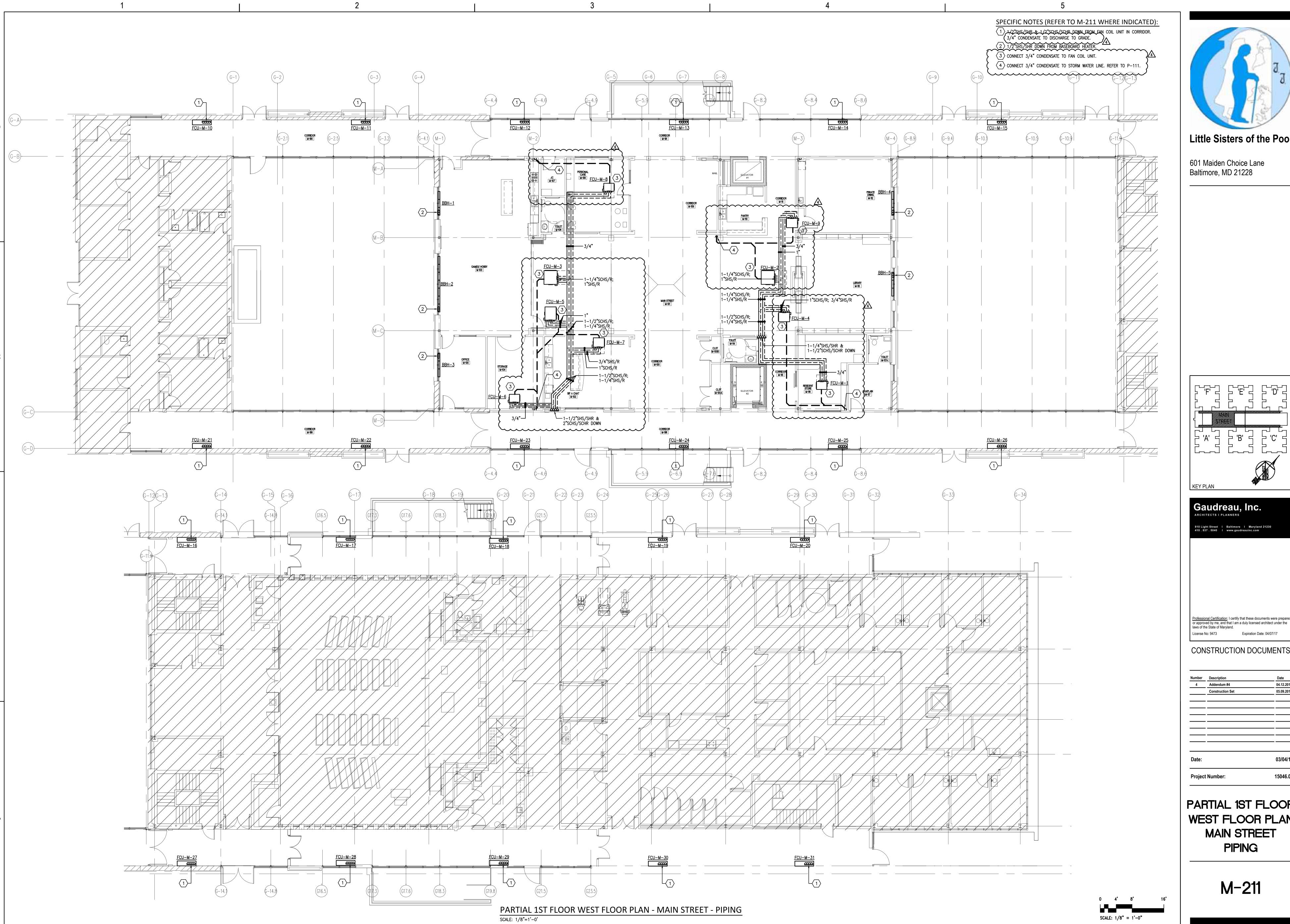
| Addendum #4 | 04.12.201 |
|------------------|------------------------------|
| Construction Set | 05.09.201 |
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| | 03/04/1 |
| t Number: | 15046.0 |
| | Addendum #4 Construction Set |

PARTIAL ROOF **WEST PLAN** MAIN STREET MECHANICAL

M-112

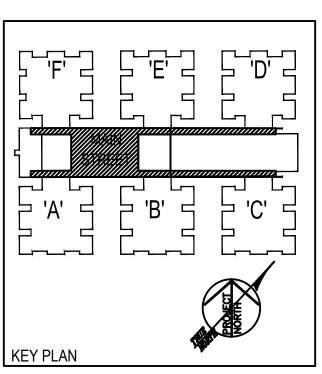
0 4' 8' 16'







601 Maiden Choice Lane



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Expiration Date: 04/07/17 CONSTRUCTION DOCUMENTS

| iect | : Number: | 15046.00 |
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| | | - |
| | Construction Set | 05.09.2016 |
| | Addendum #4 | 04.12.2016 |
| ber | Description | Date |

PARTIAL 1ST FLOOR WEST FLOOR PLAN MAIN STREET **PIPING**

Sequence of operation:

General:

THE FAN COIL UNIT SHALL BE CONTROLLED BY THE BUILDING AUTOMATION SYSTEM (BAS). OCCUPIED, UNOCCUPIED, AND MORNING WARM-UP MODES OF OPERATION SHALL BE SCHEDULED IN THE BAS.

MORNING WARM UP:

WHEN INDEXED TO THE OCCUPIED MODE BY THE TIME SCHEDULE OF THE BAS.THE SUPPLY FAN SHALL BE ENERGIZED AND RUN CONTINUOUSLY. THERMOSTAT SHALL MODULATE NORMALLY OPEN TWO (2) WAY MODULATING HEATING COIL CONTROL VALVE TO MAINTAIN THE MORNING WARM UP SPACE TEMPERATURE SET POINT (72 DEG F ADJ) AS SENSED.TWO (2) WAY MODULATING COOLING COIL CONTROL VALVE SHALL REMAIN CLOSED. OUTSIDE AIR DAMPER SHALL REMAIN CLOSEDN. MORNING WARM-UP MODE SHALL CONTINUE AS LONG AS THE RETURN AIR TEMPERATURE IS BELOW 72 DEG F AS SENSED BY THE SPACE THERMOSTAT. WHEN THE THERMOSTAT REACHES 70 DEG F THE MORNING WARM-UP SEQUENCE SHALL BE COMPLETED AND THE FAN COIL UNIT SHALL FUNCTION IN THE OCCUPIED MODE.

OCCUPIED MODE:

WHEN THE MORNING WARM-UP SEQUENCE IS COMPLETE THE OUTSIDE AIR DAMPER SHALL OPEN. THE SUPPLY FAN SHALL REMAIN ENERGIZED AT CONSTANT SPEED. ON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT, 78 DEG F ADJ., NORMALLY OPEN TWO (2) WAY MODULATING COOLING COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE. ON A DROP IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT, 74 DEG F ADJ., NORMALLY OPEN TWO (2) WAY MODULATING HEATING COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE.

UNOCCUPIED MODE

WHEN INDEXED TO THE UNOCCUPIED MODE BY THE TIME SCHEDULE OF THE BAS, SUPPLY FAN SHALL BE DEENERGIZED, COOLING COIL VALVE AND HEATING COIL VALVE SHALL BE CLOSED. OUTSIDE AIR DAMPER SHALL REMAIN CLOSED. ON A DROP IN SPACE TEMPERATURE BELOW THE UNOCCUPIED HEATING SETPOINT, 65 DEG F ADJ., THE SUPPLY FAN SHALL ENERGIZE, HEATING COIL SHALL MODULATE OPEN, AND OUTSIDE AIR DAMPER SHALL REMAIN CLOSED. SAFETY CONTROLS SHALL FUNCTION DURING THE UNOCCUPIED SEQUENCE, THE SAME AS DURING THE OCCUPIED SEQUENCE.

Override:

THE FAN COIL UNIT SHALL BE CAPABLE OF BEING INDEXED FROM UNOCCUPIED TO OCCUPIED MODE FOR A PREDETERMINED PERIOD OF TIME (ADJ) BY A SIGNAL FROM

WHENEVER THE SETTING OF THE SUPPLY OR RETURN AIR SMOKE DETECTOR (FOR FCU'S OVER 2,000 CFM), OR FREEZE STAT, ARE EXCEEDED, SUPPLY FAN SHALL BE DEENERGIZED, OUTSIDE AIR DAMPER CLOSED, HEATING COIL VALVE AND COOLING COIL VALVE CLOSED AND A CRITICAL ALARM SHALL SIGNAL AT THE BAS.

FAN STATUS:

IF SUPPLY FAN DOES NOT START WHEN INDEXED OR FAILS DURING OPERATION, A CRITICAL ALARM SHALL SIGNAL AT THE BAS FRONT END.

EXHAUST FANS (EF-1 THRU EF-7)

Sequence of operation:

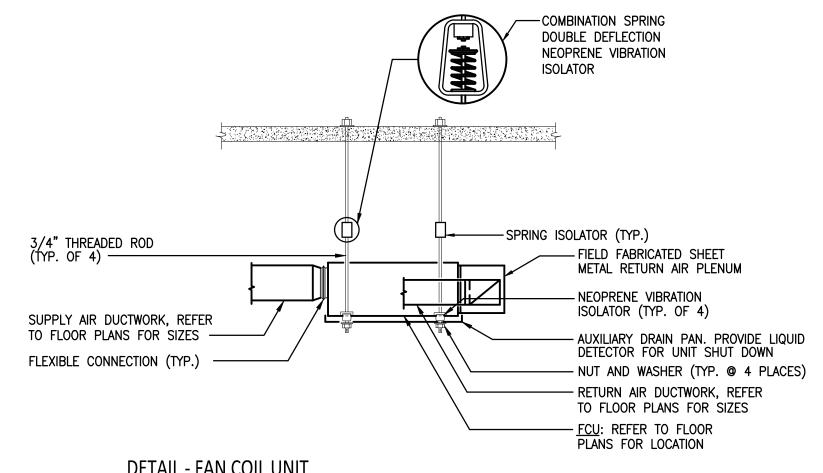
EXHAUST FANS SHALL BE CONTROLLED BY DIVISION 26.

BASEBOARD HEATERS

BASEBOARD HEATERS SHALL BE CONTROLLED BY THE BUILDING AUTOMATION SYSTEM.

OCCUPIED MODE:

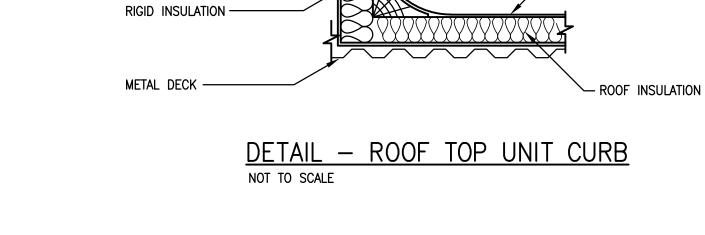
BASEBOARD HEATERS SHALL BE CONTROLLED BY WALL MOUNTED THERMOSTATS CONNECTED TO THE BUILDING AUTOMATION SYSTEM. IN SPACES WHERE THEY ARE INSTALLED, THEY WILL ACT AS A FIRST STAGE OF HEATING. ON A DROP IN SPACE TEMPERATURE BELOW THE BASEBOARD HEATING TEMPERATURE, 75 DEG F, ADJ, THE TWO (2) WAY HEATING WATER VALVE SHALL OPEN. ON A RISE IN SPACE TEMPERATURE ABOVE THE HEATING SETPOINT, THE HEATING WATER VALVE SHALL CLOSE.



DETAIL - FAN COIL UNIT SUPPORT AND MOUNTING ABOVE CEILING

SCALE: NONE

- NOTES: 1. REFER TO ARCHITECTURAL & STRUCTURAL DWG.'s FOR EXACT FLOOR/CEILING &
 - ROOF JOIST TYPES AND LOCATIONS. 2. HANGERS/SUPPORT RODS USED IN HANGING THE UNIT SHALL NOT INTERFERE



- HVAC ROOFTOP

-UNIT SUPPORT BASE

- COUNTER FLASHING

— ROOF (REFER TO ARCHITECTURAL)

- RAINHOOD SHALL BE 18 GAUGE GALVANIZED

STEEL WITH CAULKED JOINTS. COATED WITH

PITCH. DIMENSIONS SHALL MATCH DUCT SIZE

SHEETMETAL SCREW (COATED W/ PITCH)

16 GAUGE CHANNEL – 12"HIGH X 2"DEEP

SHOWN ON PLAN.

— WELDED SEAM

- 2" RIGID INSULATION

- ANGLE FRAMING

<u>DETAIL - INTAKE/EXHAUST GOOSENECK ARRANGEMENT</u>

THRU BOLT WITH WASHERS

— EXHAUST OR INTAKE AIR DUCT

EQUIPMENT

GASKET ----

WOOD NAILER STRIP

ALL AROUND CURB —

DUCT WHERE

APPLICABLE -

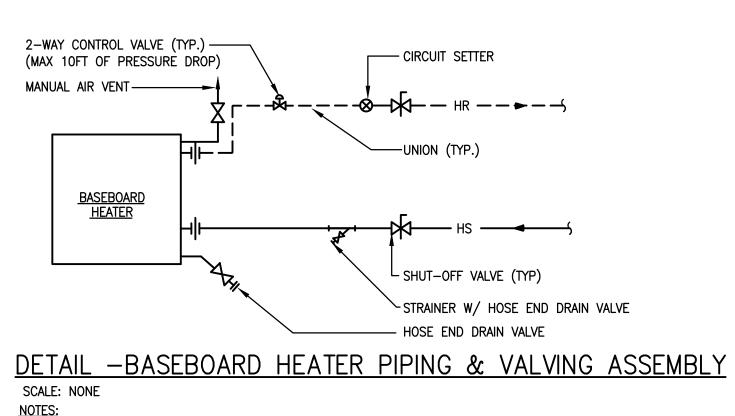
CONTINUOUS

HEAVY GUAGE

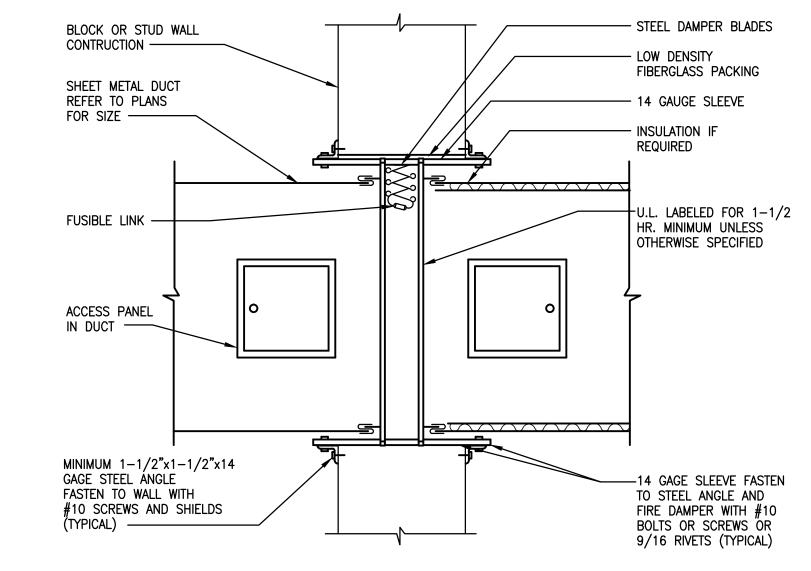
ROOF CURF—

45° MINIMUM

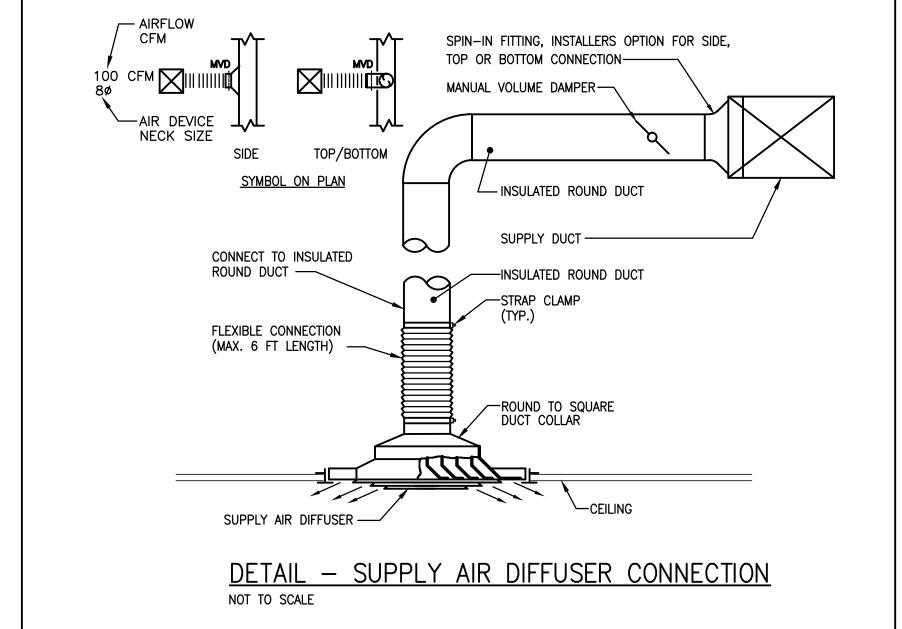
MESH BIRDSCREEN WITH FRAME



1. COORDINATE THE NUMBER OF COIL CONNECTIONS WITH THE BASEBOARD EQUIPMENT.

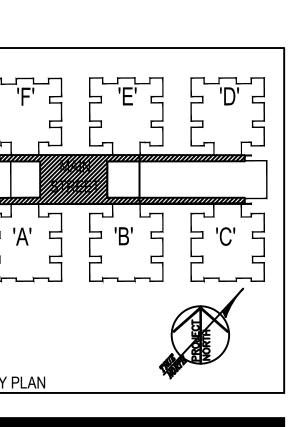


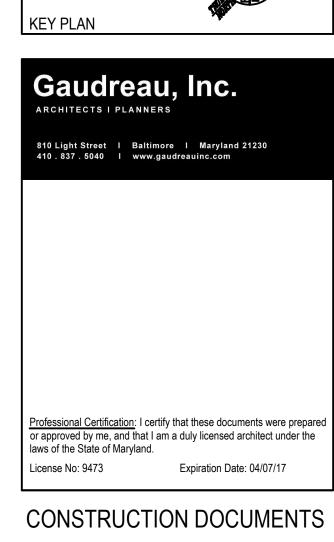
<u>DETAIL - TYPICAL HORIZONTAL FLOW FIRE DAMPER</u>





601 Maiden Choice Lane Baltimore, MD 21228

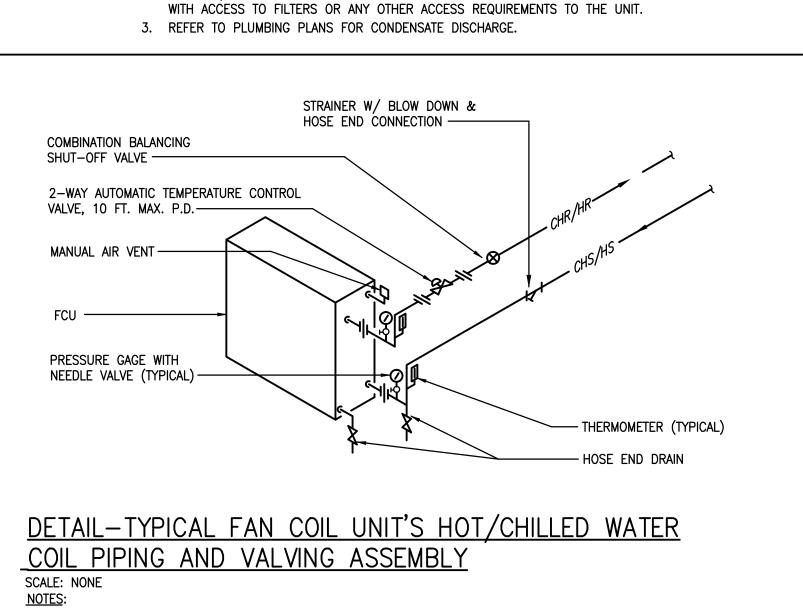




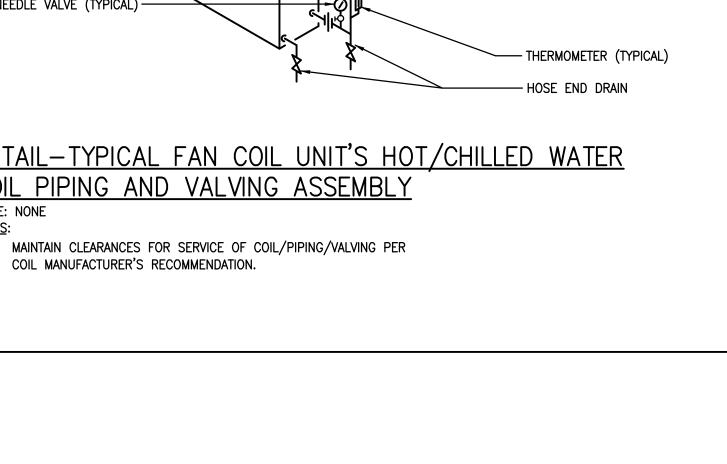
| Number | Description | Date |
|---------|------------------|------------|
| | Construction Set | 05.09.2016 |
| | | |
| | | |
| | | |
| | | |
| | | |
| Date: | | 03/04/16 |
| Drainat | Number: | 15046.00 |

MECHANICAL DETAILS

M-511



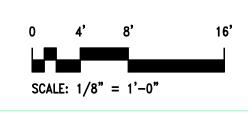
1. MAINTAIN CLEARANCES FOR SERVICE OF COIL/PIPING/VALVING PER

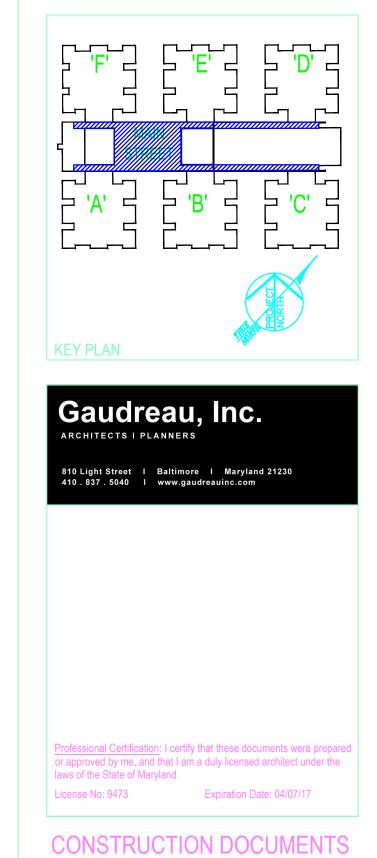




PARTIAL 1ST FLOOR WEST FLOOR PLAN - MAIN STREET - ZONING PLAN

SCALE: 1/8"=1'-0'
NOTE: XXX





Number Description
2 Addendum #2

Project Number:

PARTIAL 1ST FLOOR

WEST FLOOR PLAN

MAIN STREET

ZONING PLAN

M-611

Construction Set

Date 03.30.2016 05.09.2016

03/04/16

15046.00

AIR DEVICE SCHEDULE DESIGN. DUTY OR EQUAL DESCRIPTION SUPPLY ML-38 ALUMINUM, MODULINEAR SLOT SUPPLY DIFFUSER, 3/4" SLOTS 1,2,3,4,6,7 180 DEG. ADJ. PATTERN CONTROLLER 1 RETURN MLR-39 ALUMINUM, MODULINEAR SLOT SUPPLY DIFFUSER, 1" SLOTS SAD-1 SUPPLY TDC STEEL, LOUVERED FACE SUPPLY DIFFUSER, 4-WAY PATTERN 24"x24" FACE POLIND NECK 180 DEG. ADJ. PATTERN CONTROLLER 24"x24" FACE, ROUND NECK RAR-1 RETURN PAR STEEL, PERFORATED, FLUSH FACE, CEILING DIFFUSER, 24"x24" FACE, ROUND NECK OBD OPPOSED BLADE DAMPER 1. VERIFY FINISH WITH ARCHITECT. 2. CONTRACTOR IS RESPONSIBLE FOR COORDINATING BORDER TYPES, MOUNTING FRAMES AND FASTENINGS WITH REFLECTED CEILING PLAN AND CEILING TYPES ON ARCHITECTURAL SQUARE TO ROUND **NECK ADAPTER** DRAWINGS. 3. CONTRACTOR IS RESPONSIBLE FOR QUANTITIES AND SIZES. 4. AIR QUANTITIES AND NECK SIZES SHALL BE AS NOTED ON DRAWINGS. 5. PROVIDE 4-WAY BLOW PATTERN DIFFUSER, UNLESS OTHERWISE NOTED ON DRAWINGS. 6. PROVIDE AIR DEVICE WITH FIELD FABRICATED PLENUM BOX. PLENUM BOX SHALL MATCH THE SIZE OF THE ACTIVE LENGTH OF THE SLOT DIFFUSER. 7. VERIFY TOTAL LENGTH OF LINEAR SLOT DIFFUSER WITH ARCHITECHURAL DRAWINGS. LENGTHS

| | EXHAUST FAN SCHEDULE | | | | | | | | | | | | | |
|---------------------------------|----------------------|------------------|---------|--------------------|-----------------------|---------------|-------|------------------------------|-------|---|--|--|--|--|
| DESIG. | AREA SERVING | DUTY | CFM | E.S.P. (IN.WC.) | FAN SPEED (RPM) | | DRIVE | ELECTRIC W / HP, VOLTS-PH | NOTES | MANUFACTURER / MODEL (OR APPROVED EQUAL) | | | | |
| EF-1 | JC M-107 | EXHAUST | 150 | 0.1 | 1,050 | CENTRIFUGAL | DD | 128 W, 120-1 | 1 | GREENHECK SP-B150 | | | | |
| F-2 | TOILET M-106 | BATHROOM EXHAUST | 150 | 0.1 | 1,050 | CENTRIFUGAL | DD | 128 W, 120-1 | 1 | GREENHECK SP-B150 | | | | |
| EF-3 | PERSONAL CARE M-108 | EXHAUST | 250 | 0.25 | 1,000 | CENTRIFUGAL | DD | 67 W, 120-1 | 1 | GREENHECK SP-A250 | | | | |
| EF-4 | TOILET M-114 | BATHROOM EXHAUST | 150 | 0.1 | 1,050 | CENTRIFUGAL | DD | 128 W, 120-1 | 1 | GREENHECK SP-B150 | | | | |
| EF-5 | TOILET M-117A | BATHROOM EXHAUST | 150 | 0.1 | 1,050 | CENTRIFUGAL | DD | 128 W, 120-1 | 1 | GREENHECK SP-B150 | | | | |
| DRIVE A | ND TYPE: | NOTES: | | • | | • | | | | | | | | |
| BD BELT DRIVEN DD DIRECT DRIVEN | | 1. | FAN SHA | LL BE CON | ITROLLE | D VIA DIV 26. | | | | | | | | |

SHOWN ON THE MECHANICAL DRAWINGS ARE ACTIVE LENGTHS. CONTRACTOR SHALL PROVIDE

ALL NECESSARY TRIM AND ACCESSORIES FOR A COMPLETE, FINISHED SLOT DIFFUSER.

| | HOT WATER BASEBOARD SCHEDULE | | | | | | | | | | | | | | | |
|-------|------------------------------|-----------|-----------|-------|--------|-----|-----|-------|--------|---------|------|------|-------|----------|-------------------------------------|-------|
| | | OVERALL | ACTIVE | | | | | | MAX | FIN | FIN | # | | | MANUFACTURER | |
| BBH-# | AREA SERVED | LENGTH | LENGTH | BTUH/ | TOTAL | EWT | LWT | TOTAL | WPD | SIZE | PER | ROWS | CONN. | TYPE | /MODEL | NOTES |
| | | (FT) (IN) | (FT) (IN) | FT | BTUH | (F) | (F) | GPM | (PSIG) | (IN.^2) | FOOT | | (IN.) | | | |
| 1 | GAMES / HOBBY M-103 | 6 - 6 | 6 - 0 | 1,140 | 6,840 | 180 | 160 | 1.0 | 0.5 | 4.25 | 48 | 1 | 3/4" | PEDESTAL | RITTLING PBG 3/4C"X4-1/4"X4-1/4"-48 | 1,2,3 |
| 2 | GAMES / HOBBY M-103 | 12 - 6 | 12 - 0 | 1,140 | 13,680 | 180 | 160 | 1.5 | 0.5 | 4.25 | 48 | 1 | 3/4" | PEDESTAL | RITTLING PBG 3/4C"X4-1/4"X4-1/4"-48 | 1,2,3 |
| 3 | OFFICE M-105 | 6 - 6 | 6 - 0 | 1,140 | 6,840 | 180 | 160 | 1.0 | 0.5 | 4.25 | 48 | 1 | 3/4" | PEDESTAL | RITTLING PBG 3/4C"X4-1/4"X4-1/4"-48 | 1,2,3 |
| 4 | PRIVATE DINING M-112 | 6 - 6 | 6 - 0 | 1,140 | 6,840 | 180 | 160 | 1.0 | 0.5 | 4.25 | 48 | 1 | 3/4" | PEDESTAL | RITTLING PBG 3/4C"X4-1/4"X4-1/4"-48 | 1,2,3 |
| 5 | LIBRARY M-113 | 6 - 6 | 6 - 0 | 1,140 | 6,840 | 180 | 160 | 1.0 | 0.5 | 4.25 | 48 | 1 | 3/4" | PEDESTAL | RITTLING PBG 3/4C"X4-1/4"X4-1/4"-48 | 1,2,3 |
| | | | | | | | | | | | | | | | | 1 |

1. CONTRACTOR SHALL VERIFY EXACT LENGTHS, LOCATIONS AND OVERALL HEIGHT WITH THE ARCHITECTURAL DRAWINGS. 2. PROVIDE ALL NECESSARY TRIM AND ACCESSORIES INCLUDING END CAPS, WALL BRACKETS, CORNERS, ETC. FOR A COMPLETE SYSTEM. 3. HEATERS SHALL BE WALL MOUNTED; PROVIDE HARDWARE FOR MOUNTING. UNITS SHALL HAVE A FINISHED BACK; COLOR AS

SELECTED BY THE ARCHITECT.

| | | | | VENT | ILATION SCHE | DULE FOR MAIN | STREET | | | | | |
|----------------|---------------|-----------------|---------|--------------------|---------------------|----------------------|----------|-----------------|---------------|--------------|--------|-------------|
| | | AREA OUTDOOR | AREA | OCCUPANT LOAD | | OCCUPANT OUTDOOR | OCCUPANT | BREATHING | ZONE AIR | | SUPPLY | OUTDOOR |
| | AREA | AIR RATE PER | OUTDOOR | RATE PER | OCCUPANCY | AIR RATE PER | OUTDOOR | ZONE | DISTRIBUTION | ZONE | AIR | AIR |
| | (SQFT) | VMC TABLE 403.3 | AIR | VMC TABLE 403.3 | Az*column G/1000 | VMC TABLE 403.3 | AIR | OUTDOOR AIR | EFFECTIVENESS | OUTDOOR AIR | DESIGN | FRACTION |
| DESCRIPTION | (Az) | (Ra) | (Az*Ra) | (PEOPLE/1000 SQFT) | (Pz) | (Rp) | (Pz*Rp) | (Vbz=RpPz+RaAz) | (Ez) | (Voz=Vbz/Ez) | (Vpz) | (Zp=Voz/Vpz |
| GAME ROOM | 1,083 | 0.18 | 195 | 20 | 22 | 7.5 | 165 | 360 | 0.8 | 450 | 1625 | 0.28 |
| PERSONAL CARE | 330 | 0.12 | 40 | 25 | 5 | 20 | 100 | 140 | 0.8 | 175 | 330 | 0.53 |
| MAIN STREET | 1,671 | 0.06 | 100 | 50 | 84 | 5 | 420 | 520 | 0.8 | 650 | 2507 | 0.26 |
| OFFICE 105 | 220 | 0.06 | 13 | 5 | 2 | 5 | 10 | 23 | 0.8 | 29 | 110 | 0.26 |
| STORAGE | 273 | 0.12 | 33 | 0 | 0 | 5 | 0 | 33 | 0.8 | 41 | 137 | 0.30 |
| SIP AND CHAT | 425 | 0.12 | 51 | 15 | 7 | 7.5 | 53 | 104 | 0.8 | 129 | 638 | 0.20 |
| CORRIDOR 109 | 423 | 0.06 | 25 | 0 | 0 | 5 | 0 | 25 | 0.8 | 32 | 212 | 0.15 |
| CORRIDOR 100 | 370 0.06 22 0 | | 0 | 5 | 0 | 22 | 0.8 | 28 | 185 | 0.15 | | |
| PANTRY 110 | 101 0.06 6 5 | | 5 | 1 | 5 | 5 | 11 | 0.8 | 14 | 51 | 0.27 | |
| CORRIDOR 111 | 142 | 0.06 | 9 | 0 | 0 | 5 | 0 | 9 | 0.8 | 11 | 71 | 0.15 |
| PRIVATE DINING | 470 | 0.18 | 85 | 70 | 33 | 7.5 | 248 | 332 | 0.8 | 415 | 1175 | 0.35 |
| CORRIDOR 115 | 148 | 0.06 | 9 | 0 | 0 | 5 | 0 | 9 | 0.8 | 11 | 74 | 0.15 |
| RESIDENT STORE | 285 | 0.12 | 34 | 0 | 0 | 5 | 0 | 34 | 0.8 | 43 | 143 | 0.30 |
| CHAPLIN 117 | 130 | 0.06 | 8 | 5 | 1 | 5 | 5 | 13 | 0.8 | 16 | 65 | 0.25 |
| LIBRARY | 592 | 0.12 | 71 | 10 | 6 | 5 | 30 | 101 | 0.8 | 126 | 888 | 0.14 |
| | | | | | | | | | | | | |
| TOTAL | S: 6,663 | | 700 | | 161 | | 1,035 | 1,735 | | 2,169 | 8208 | |
| | | | | | | Total Required OA | | | Unit Design | | | |
| | | | | | | Vot | %OA | SA CFM | OA CFM | %OA | | |
| | | | | | | 2169 | 26% | 8208 | 2,200 | 27% | | |

| | | | | | | | | | | FA | AN CO | IL UN | IT SCH | HEDU | JLE | | | | | | | | | | | | | | | |
|-------------|--|-----------------|--|---------------------|--------------|---------------|-------------|-------------------|-------|-------------|---------------------|----------|--------|--------------------|-------|-------------------------|-----------|-----------------|----------------------|---------------|----------------------|--------------------------|-----------------|--------------------|--------------|---------------------|-----------|----------|-------------------|--------------------------------|
| | | | | | FAN | | | | | HI | EATING (| COIL DAT | Ā | | | | | CHIL | LED WA | TER CC | IL DAT | A | | | | ELECTR | ICAL | | | TRANE |
| FCU NO. | SERVING | CABINET TYPE | SA CFM | E.S.P. (IN.W.C.) | MOTOR FLA | MOTOR TYPE | MOTOR HP | MIN. OA CFM | EWT I | | AT LAT DB DB F) (F) | CAP. | | MAX WPD (FT) | EWT L | _ | WB (F) | - 1 | T WB SE (F) (N | NS. | OTAL CAP. MBH) | TOTAL NOMINAI TONS | L GPM | MAX WPD (FT) | МСА | MAX FUSE SIZE | VOLTS-PH | NOTES | ACCESSORIES | MODEL (OR APPROVI EQUAL) |
| | | | | | | | | | | | , (, | , , | 1 | . , | | | | ` | . , , | | | | 1 | | 1 | | | | | |
| <u>₩-1</u> | RESIDENT STORE M-116 | HORZ | 300 | 0.5 | 3.8 | ECM | 0.50 | 65 | 180 | 160 5 | 9 100 | 13.5 | 2.0 | 2.0 | 44 | 56 79 | 64 | 53.8 | 53.6 1 | 0.7 | 12.3 | 1.0 | 2.1 | 1.9 | 3.8 | 15 | 277-1 | 1,2,3,4 | CO, F, SP, TW, RT | BCXD-12 |
| | MAIN STREET M-101, PANTRY M-110, CORR. M-111 | | 1,800 | | 6.7 | ECM | 1.0 | 400 | 180 | 160 | 8 97 | 76.8 | 47.7 | 1.0 | 44 | 56 79 | 65 | 52.7 | 52.6 | 2.9 | 66.2 | 4.5 | 11.0 | 4.8 | 6.7 | | 277-1 | | CO, F, SP, TW, RT | BCXD-54 |
| M-3. | | HORZ | 1.800 | _ 0.5 | 6.7 | _ ECM | 1.0_ | 350 | 180 | 160 _6 | 50 98 | 74.1 | 7.4 | 0.9 | _44 | 56. 79 | _ 65_ | 52.7 | 52.6 5 | 2.9 | 66.2 | 4.5 | 11.0 | 4.8 | 6.7 | _ 15 | _ 277-1 _ | | CO, E, SP, TW, RT | BCXD-54 |
| M-4 | *************************************** | HORZ | 825 | 0.5 | 6.7 | ECM | 1.00 | 130 | 180 | 160 6 | 52 100 | 31.4 | 3.2 | 2.3 | 44 | 56 78 | 65 | 53.1 | 52.9 2 | 0.6 | 27.0 | 2.0 | 4.5 | 3.8 | 6.7 | 15 | 277-1 | 1,2,3,4 | CO, F, SP, TW, RT | BCXD-24 |
| M-5 | GAMES / HOBBY M-103 | | 1,200 | | 6.7 | ECM | 1.00 | 450 | 180 | | 19 102 | 66.8 | 6.7 | 0.8 | | | 4 4 4 | - | 51.4 4 | | 56.9 | 4.5 | 79.3 | | A A A | <u> </u> | | | CO, F, SP, TW, RT | BCXD-36 |
| M-6 | | HORZ | 400 | 0.5 | 3.8 | ECM | 0.50 | 30 | 180 | 160 6 | 7 102 | 15.2 | 1.5 | 2.2 | 44 | 56 76 | + | - | | | 11.0 | 1.0 | 1.8 | 1.5 | 3.8 | 15 | 277-1 | | CO, F, SP, TW, RT | BCXD-12 |
| M-7 | | HORZ | 650 | 0.5 | 6.7 | ECM | 1.00 | 175 | 180 | 160 5 | 55 95 | 28.0 | 2.8 | 7.3 | 44 | 56 80 | 66 | 54.1 | | | 24.1 | 1.5 | 4.0 | 6.9 | 6.7 | 15 | 277-1 | | CO, F, SP, TW, RT | BCXD-24 |
| M-8 | | HORZ | 400 | 0.5 | 3.8 | ECM | 0.50 | 175 | 180 | 160 4 | 15 95 | 21.5 | 2.2 | 4.1 | 44 | 56 83 | 68 | 54.4 | 54.2 1 | | 17.2 | 1.0 | 2.9 | 3.4 | 3.8 | 15 | 277-1 | <u> </u> | CO, F, SP, TW, RT | BCXD-12 |
| M-9 | | HORZ | 750 | 0.5 | 6.7 | ECM | 1.00 | 420 | 180 | 160 | 7 102 | 53.0 | 5,3 | 7.4 | 44 | 56 86 | 70_ | _ | 54 2 | | 38.2 | 3.0 | 6.4 | 6.4 | | 15~ | | | CO, F, SP, TW, RT | BCXD-24 |
| M-10 | | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-11 | | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-12 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-13 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-14 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-15 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-16 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-17 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-18 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-19 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-20 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-21 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-22 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| M-23 | | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | | | 72 108 | 21.1 | 1.4 | 6.1 | | 56 75 | 62 | | 54 1 | | 13.7 | 1.1 | 2.8 | 10.4 | | 15 | 277-1 | | CO, SP, TW, RT | FCB-060 |
| M-24 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| | | VERT CAB | 540 | | 1.6 | ECM | 66 W | <u> </u> | | | 72 108 | | 1.4 | 6.1 | | | | | 54 1 | | 13.7 | 1.1 | | 10.4 | 4 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| | | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | | | 72 108 | 21.1 | 1.4 | 6.1 | | _ | | | 54 1 | | 13.7 | 1.1 | 2.8 | 10.4 | _ | 15 | 277-1 | | CO, SP, TW, RT | FCB-060 |
| M-27 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | 4,5 | CO, SP, TW, RT | FCB-060 |
| | | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | . | CO, SP, TW, RT | FCB-060 |
| M-29 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | 0.4 | 13.7 | 1.1 | 2.8 | 10.4 | 1.6 | 15 | 277-1 | | CO, SP, TW, RT | FCB-060 |
| M-30 | CORRIDOR | VERT CAB | 540 | | 1.6 | ECM | 66 W | 0 | | | 72 108 | 21.1 | 1.4 | 6.1 | | 56 75 | 62 | | 54 1 | | 13.7 | 1.1 | 2.8 | 10.4 | | 15 | 277-1 | | CO, SP, TW, RT | FCB-060 |
| M-31 | | VERT CAB | 540 | | 1.6 | ECM | 66 W | | 180 | 160 7 | 72 108 | 21.1 | 1.4 | 6.1 | 44 | 56 75 | 62 | 55.0 | 54 1 | | 13.7 | 1.1 | 2.8 | | | 15 | 277-1 | | CO, SP, TW, RT | FCB-060 |
| | | | THE STATE OF THE S | | | | | $\overline{}$ | | \sim | | | | | | $\frac{\omega}{\omega}$ | | $\overline{}$ | $\overline{}$ | $\overline{}$ | $\overline{}$ | | | $\overline{}$ | | | | | ~~~~~ | |
| NOTES | : | | | | | | | | | | | | | | | | ACCES | SORIE | S: | | | | | | | WSHP 1 | ΓYPES: | | | |

2. UNIT SHALL BE HAVE FRONT SUPPLY, REAR RETURN.

5. CORRIDOR SHALL BE NATURALLY VENTILATED

4. DISCONNECT SWITCHES SHALL BE PROVIDED BY DIVISION 16.

3. PROVIDE OUTSIDE AIR DUCT CONNECTIONS WITH A MOTOR OPERATED DAMPER.

CO CONDENSATE OVERFLOW SWITCH

DD DOUBLE DEFLECTION SUPPLY GRILLE 2"MERV8 PLEATED

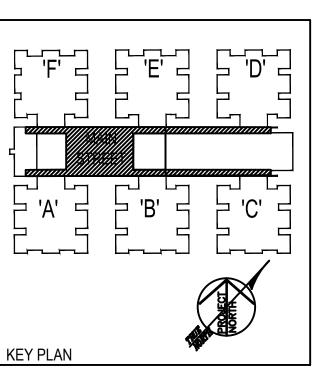
SP SINGLE POINT POWER CONNECTION TSS THREE SPEED SWITCH TW TWO-WAY MOTORIZED VALVE

REMOTE THERMOSTAT

CONS CONSOLE UNIT-FLOOR MOUNTED HORZ HORIZONTAL UNIT VERT VERTICAL UNIT-FLOOR MOUNTED

Little Sisters of the Poor

601 Maiden Choice Lane Baltimore, MD 21228



Gaudreau, Inc. ARCHITECTS | PLANNERS 810 Light Street | Baltimore | Maryland 21230 410 . 837 . 5040 | www.gaudreauinc.com

Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland.

CONSTRUCTION DOCUMENTS

Expiration Date: 04/07/17

License No: 9473

| 03.30.2016 05.09.2016 |
|--------------------------|
| 05.09.2016 |
| |
| |
| |
| |
| 03/04/16 |
| |

MECHANICAL SCHEDULES **MAIN STREET**

| | ELECTRICA | 1 AL SYMBOLS LEGEND | | | 2 | | | 3 | |
|----------|-------------------------------|---|--------------------|--------------------------|--|--------------------|---|--|--------------------|
| | SYMBOL | <u>DESCRIPTIONS</u> <u>M</u> | IH (UON) | SYMBOL | <u>DESCRIPTIONS</u> | | SYMBOL | <u>DESCRIPTIONS</u> | MH (UON) |
| | \mathbb{P}_{\triangle} | MULTI OUTLET ASSEMBLY WITH TYPES AND QUANTITIES OF | 48" TOD | N.O. | NORMALLY OPEN | | \ H | HORN TYPE SPEAKER | GENERAL NOTE 5 |
| | | OUTLETS AS SHOWN/NOTED. M.H. 42" A.F.F. OR 8" ABOVE COUNTER. | | N.C. | NORMALLY CLOSED | | ⁷⁵ © | FIRE ALARM FLASHING STROBE LIGHT — WALL MOUNTED. SUBSCRIPT DENOTES CANDELLA RATING | GENERAL NOTE 5 |
| | Φ | SIMPLEX RECEPTACLE, 5-20R CONFIGURATION DUPLEX RECEPTACLE, 5-20R CONFIGURATION | 18" CTR | START o o | NORMALLY OPEN MOMENTARY CONTACT PUSH BUTTON WITH NAMEPLATE AS INDICATED ON DIAGRAM | | F F | FIRE ALARM HORN | GENERAL NOTE 5 |
| | Φ | DUPLEX RECEPTACLE, FLOOR MOUNTED, 5—20R CONFIGURATION | 18" CTR | STOP olo | NORMALLY CLOSED MOMENTARY CONTACT PUSH BUTTON WITH NAMEPLATE AS INDICATED ON DIAGRAM | | 75 () F | COMBINATION FIRE ALARM SPEAKER AND FLASHING STROBI LIGHT. SUBSCRIPT DENOTES CANDELLA RATING | E GENERAL NOTE 5 |
| | <u> </u> | DUPLEX RECEPTACLE, CONTROLLED BY SWITCH, 5—20R | 18" CTR | EMERG. STOP | NORMALLY CLOSED MAINTAINED CONTACT PUSH BUTTON WITH MUSHROOM BUTTON | | H | DOOR HOLD OPEN DEVICE | |
| | WP | CONFIGURATION DUPLEX RECEPTACLE, SUBSCRIPT NOTES: C = FLUSH | 10 CIK | OFF | TWO POSITION MAINTAINED CONTACT SELECTOR SWITCH WITH | | FACP | FIRE ALARM ANNUNCIATOR PANEL FIRE ALARM CONTROL PANEL | |
|) | s \oplus | CEILING, WP = WEATHERPROOF, T = TAMPERPROOOF RECEPTACLE CONTROLLED VIA TIME CLOCK - REFER DETAIL 1, E | F_505 | LOCAL OFF REMOTE | NAMEPLATE AS INDICATED ON DIAGRAMS | | RAM | RESCUE ASSISTANCE MASTER CONTROL | 48" TOD |
| | A P | SPECIAL RECEPTACLE: 20A, 2P, 3W, 208V NEMA 6-20R | 18" CTR | XOO OFF REMOTE | THREE POSITION MAINTAINED CONTACT SELECTOR SWITCH WITH NAMEPLATE AS INDICATED ON THE CONTROL DIAGRAMS. $X = CLOSED O = OPEN$ | | TP RAR | PANEL FIRE ALARM TRANSPONDER RESCUE ASSISTANCE REMOTE STATION | 40" 705 |
| | B P C | SPECIAL RECEPTACLE: 30A, 2P, 3W, 208V NEMA 6-30R | 18" CTR | 00X 0 0 | X = GLOSED O = OPEN | | DACT | DIGITAL ALARM COMMUNICATOR TRANSMITTER | 48" TOD |
| | ♥ D ♥ | SPECIAL RECEPTACLE: 20A, 3P, 4W, 208/120V NEMA 14-20 SPECIAL RECEPTACLE: 30A, 3P, 4W, 208V NEMA 15-30 | 18" CTR 18" CTR | T | NORMALLY CLOSED PRESSURE SWITCH — OPENS ON RISING PRESSURE | | DS ES | DOOR SOLENOID, ELECTRIC STRIKE — LOCKING DEVICE CONNECTION POINT | |
| | Ψ (P) | SPECIAL RECEPTACLE, FLOOR MOUNTED | | ~~° | NORMALLY OPEN PRESSURE SWITCH — CLOSES ON RISING PRESSURE | | F | FIRE ALARM MANUAL PULL STATION | 48" TOD |
| | ** | DOUBLE DUPLEX RECEPTACLE | 18" CTR | ~~ | NORMALLY CLOSED TEMPERATURE SWITCH — OPENS ON RISING TEMPERATURE | | HD | THERMAL HEAT DETECTOR | |
| | # | RECEPTACLE MOUNTED 6" ABOVE BACK SPLASH OR COUNTER | | کرہ د | NORMALLY OPEN TEMPERATURE SWITCH — CLOSES ON | | [50] | SMOKE DETECTOR (PHOTOELECTRIC), AB INDICATES AUDIBLE BASE, E INDICATES ELEVATOR CONTROLS | |
| | ₽ | GROUND FAULT INTERRUPTER TYPE RECEPTACLE ISOLATED GROUND RECEPTACLE | 18" BOD 18" BOD | | RISING TEMPERATURE NORMALLY CLOSED FLOW SWITCH — OPENS ON RISING FLOW | | | SMOKE DETECTOR (IONIZATION) DUCT SMOKE DETECTOR | |
| | 11 | | | | NORMALLY OPEN FLOW SWITCH — CLOSES ON RISING FLOW | | ARC | FIRE ALARM SYSTEM ADDRESSABLE RELAY — CONTROL | |
| | P EPO | PROGRAM CLOCK OUTLET — SINGLE FACE, DOUBLE FACE EMERGENCY POWER OFF SWITCH | 84" CTR 48" TOD | To | NORMALLY CLOSED LEVEL SWITCH — OPENS ON RISING LEVEL | | ARM | FIRE ALARM SYSTEM ADDRESSABLE RELAY — MONITOR | |
| | \bigcirc | JUNCTION BOX | 10 100 | ~ | NORMALLY OPEN LEVEL SWITCH — CLOSES ON RISING LEVEL | | RAL FS | FIRE ALARM SYSTEM REMOTE ALARM LIGHT FLOW SWITCH CONNECTION | |
| | © 0 | EQUIPMENT CONNECTION AS NOTED CONNECTION FOR DUCT DETECTOR | | ∞ 0 | NORMALLY CLOSED LIMIT SWITCH (HELD OPEN) NORMALLY CLOSED LIMIT SWITCH | | TS | TAMPER SWITCH CONNECTION | |
| | \oplus | HEAT LAMP | | 00 | NORMALLY OPEN LIMIT SWITCH | | LBT LBR | FIRE ALARM LINEAR BEAM SMOKE DETECTOR TRANSMITTER & RECEIVER | |
| | CB | ENCLOSED CIRCUIT BREAKER | | 9 | NORMALLY OPEN LIMIT SWITCH (HELD CLOSED) | | F | FIREMAN'S TELEPHONE JACK | 48" TOD |
| | | NON-FUSED DISCONNECT SWITCH, 30A, 3P (UNLESS OTHERWISE NOTED) | | Q(R1)0 0 | RELAY OR CONTACTOR COIL WITH TAG NUMBER AS SHOWN NORMALLY OPEN RELAY CONTACT | | \subseteq | HVAC EMERGENCY SHUT DOWN PUSH BUTTON STATION WITH COVER | 48" TOD |
| | | FUSED DISCONNECT SWITCH — FUSE SIZE AS INDICATED (40A) | | 0 110 | NORMALLY CLOSED RELAY CONTACT | | M | MONITOR SYSTEM JUNCTION BOX | 36" CTR |
| | MS | MAGNETIC MOTOR STARTER | | O(TDI)O | ON-DELAY OR OFF-DELAY RELAY | | (F) | CEILING SPEAKER, F = FIRE ALARM, S = AV SYSTEM | |
| , | FVNR | COMBINATION MAGNETIC MOTOR STARTER. ABBREVIATION INDICATES TYPE: FVNR, FVR, RVAT, 2S1W, 2S2W, SST | | T | ON-DELAY RELAY NORMALLY CLOSED TIMED OPENING CONTACT | | A K | AMPLIFIER KEYPAD | 48" TOD |
| | VFC | VARIABLE FREQUENCY CONTROLLER W/FUSED DISCONNECT SWITCH | | 0-0 | ON-DELAY RELAY NORMALLY OPEN TIMED CLOSING CONTACT OFF-DELAY NORMALLY CLOSED CONTACT (OPENS WHEN | | CR | CARD READER AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE | 48" TOD |
| | \bigcirc | MOTOR - NUMERALS (IF SHOWN) INDICATE HP | | | ENERGIZED, TIMED CLOSING AFTER DE-ENERGIZING) | | DC | DOOR CONTACT | |
| | | GENERATOR — NUMERALS (IF SHOWN) INDICATE KW CONTROL PANEL — TYPE AS INDICATED | | \Rightarrow | OFF-DELAY NORMALLY OPEN CONTACT (OPENS WHEN ENERGIZED, TIMED OPENING AFTER DE-ENERGIZING) | | ▼ | TELEPHONE OUTLET AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE | 18" CTR |
| | CP PB | MOMENTARY CONTACT START-STOP PUSH BUTTON STATION | | O L O | LATCHING RELAY L = LATCH COIL U = UNLATCH COIL | | ₩W | TELEPHONE OUTLET, WALL MOUNTED AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE | 54" CTR |
| | PBM | MAINTAINED CONTACT START-STOP PUSHBUTTON STATION | 78" TOD | d u)b | | | lacktriangle | TELEPHONE OUTLET, FLOOR MOUNTED | |
| | ES | MAINTAINED CONTACT EMERGENCY STOP PUSHBUTTON STATION | | © | FIELD WIRING TERMINAL | | • | DATA/TELEPHONE OUTLET, UNSHADED AREA = DATA, SHADED AREA = VOICE, NUMERALS INDICATE QUANTITY | 18" CTR |
| | T | PANELBOARD | | <u>SYMBOL</u> | DESCRIPTIONS | MH (UON) | | OF WIRED JACKS AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE | |
| | SPD | TRANSFORMER SURGE PROTECTION DEVICE | | S | SINGLE POLE TOGGLE SWITCH | 48" TOD | 7 | DATA/TELEPHONE OUTLET, FLOOR MOUNTED, UNSHADED AREA = DATA, SHADED AREA = VOICE, NUMERALS | |
| | P | POWER FURNITURE FEED, FLOOR MOUNTED. COORDINATE ALL FINAL REQUIREMENTS WITH FURNITURE MANUFACTURER PRIOR TO | | Sa | SWITCH - SUBLETTER INDICATES FIXTURES CONTROLLED | 48" TOD | | INDICATE QUANTITY OF WIRED JACKS AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE | |
| | P | PURCHASE AND ROUGH-IN POWER FURNITURE FEED, WALL MOUNTED. COORDINATE ALL FINAL | | S 2 S 3 | DOUBLE POLE TOGGLE SWITCH THREE-WAY TOGGLE SWITCH (SPDT) | 48" TOD 48" TOD | ∇ | DATA OUTLET, WALL MOUNTED AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE | |
| | Ψ | REQUIREMENTS WITH FURNITURE MANUFACTURER PRIOR TO PURCHASE AND ROUGH—IN | L | S4 | FOUR-WAY TOGGLE SWITCH (DPDT) | 48" TOD | abla | DATA OUTLET, FLOOR MOUNTED AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE | |
| | 0 | RACEWAY "UP" OR "TOWARDS" | | Sk | KEY OPERATED SWITCH | 48" TOD | ▼ E | TELEPHONE OUTLET - EMERGENCY DATA OUTLET | 54" TOD |
| | | RACEWAY "DOWN" OR "AWAY" CIRCUIT CONCEALED IN WALLS OR CEILING SPACE. | | S 3aD | THREE WAY DIMMER SWITCH CONTROLLING FIXTURES INDICATED WITH LOWERCASE a. | 48" TOD 48" TOD | T√ 2w 4w | TELEVISION ANTENNA OUTLET TELEVISION SYSTEM SPLITTER — 2 WAY, 4 WAY | 18" CTR |
| | | CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1#12 AWG GROUND IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED) | | SM SP | MANUAL STARTER WITH OVERLOADS SWITCH WITH PILOT LIGHT | 48" TOD | <u>~</u> | TELE/DATA FURNITURE FEED, FLOOR MOUNTED. COORDINA | ΓE ALL |
| | | BRANCH CIRCUIT HOMERUN TO PANELBOARD. QUANTITY OF CIRCUITS INDICATED BY ARROWS (). NUMBER OF | | SD | DIMMER SWITCH | 48" TOD | | FINAL REQUIREMENTS WITH FURNITURE MANUFACTURER PR PURCHASE AND ROUGH—IN | |
| 3 | ` | CONDUCTORS SHALL BE MINIMUM 4#12 AWG AND 1#12 AWG GROUND IN 3/4" CONDUIT, (UNLESS OTHERWISE NOTED) | | SLV | LOW VOLTAGE CONTROL SWITCH | 48" TOD | (| TELE/DATA FURNITURE FEED, WALL MOUNTED. COORDINATE FINAL REQUIREMENTS WITH FURNITURE MANUFACTURER PR PURCHASE AND ROUGH—IN | ALL OR TO |
| | <u> </u> | BUS DUCT OR CABLE TRAY UP OR TOWARDS | | ST Sc | MANUAL TIME SWITCH FOR 30 MINS MOMENTARY CONTACT SWITCH | 48" TOD 48" TOD | | ROUGH IN JUNCTION BOX FOR CCTV CAMERA | |
| |) | BUS DUCT OR CABLE TRAY DOWN OR AWAY BUS DUCT, TYPE & SIZE AS INDICATED | | OC | OCCUPANCY SENSOR — WALL MOUNTED | 48" TOD | | BULL HORN STYLE SPEAKER | |
| | | TELEPHONE AND POWER POLE ASSEMBLY | | ⊚ ITCl | OCCUPANCY SENSOR — CEILING MOUNTED TIME CLOCK | | | SYSTEM CALL-IN STATION VOLUME CONTROL SELECTOR SWITCH | 54" TOD 54" TOD |
| | m # # | CONCRETE ENCASED DUCTBANK BELOW GRADE | | R | RELAY | | ✓ | MICROPHONE JACK — MOUNTED FLUSH IN FLOOR | 34 100 |
| | <u></u> | FLEXIBLE CONDUIT CABLE TRAY | | | LIGHTING CONTACTOR | | | DOORBELL CHIME | |
| | Ø | UTILITY POLE | | P PP | PHOTOCELL OR PUSHPLATE SWITCH POWER PACK | | DR Ini | DOOR RELEASE PUSHBUTTON ELECTRIC DOOR STRIKE | |
| | N E | AUTOMATIC TRANSFER DEVICE | | | LIGHTING FIXTURE — 4' FLUORESCENT — TYPE AS SPECIFIED | | PO | PROGRAM BELL | |
| | δ _L | METERING DEVICES: A-AMMETER, V-VOLTMETER, PF-POWER | | Q | LIGHTING FIXTURE — WALL MOUNTED — TYPE AS | | PO | PROGRAM BELL | |
| | DM | FACTOR, HZ-FREQUENCY METER DIGITAL METER | | - O | SPECIFIED LIGHTING FIXTURE — RECESSED OR SURFACE MOUNTED | | ⊬M É⊓ | MICROPHONE JACK — WALL MOUNTED AT DOORBELL BUZZER | 18" CTR |
| | ———— (50) | FUSE, FUSE SIZE AS INDICATED (50A) | | $\vdash \circ \vdash$ | TYPE AS SPECIFIED LIGHTING FIXTURE — FLUORESCENT STRIP — TYPE AS | | CS | P.A. SYSTEM CALL—IN STATION | 54" TOD |
| | ₹ | GROUND CONNECTION TRANSFORMER (DELTA DESISTANCE CROUNDED MYE | | | SPECIFIED LIGHTING FIXTURE — 2'X2' FLUORESCENT FIXTURE TYPE | | NC | NURSE CALL STATION — PATIENT & EMERGENCY | 60" CTR |
| | <u> </u> | TRANSFORMER (DELTA — RESISTANCE GROUNDED WYE SHOWN) | | | AS SPECIFIED | | NCA NIM | NURSE CALL MASTER STATION | 48" CTR |
| | ₩ -3 & - | CURRENT TRANSFORMER POTENTIAL TRANSFORMER | | | LIGHTING FIXTURE — 2'X4' FLUORESCENT FIXTURE TYPE AS SPECIFIED | | NM NS | NURSE CALL MASTER STATION NURSE CALL STAFF STATION | 60" CTR 60" CTR |
| | → EA — LA | LIGHTNING ARRESTOR | | | CEILING FAN - TYPE AS SPECIFIED | | D | NURSE CALL DUTY STATION | 60" CTR |
| | -1 | MOTOR STARTER CONTACTOR AND THERMAL OVERLOAD | | ∇ | TRACK LIGHTING - TYPE AS SPECIFIED | | B CB | NURSE CALL CODE BLUE STATION CODE BLUE ANNUNCIATOR | 60" CTR |
| | TRIP FRAME | KIRK KEY INTERLOCK SYSTEM MOLDED CASE CIRCUIT BREAKER WITH RATINGS AS INDICATED | | • | LIGHTING FIXTURE — SPOT — TYPE AS SPECIFIED LIGHTING FIXTURE — TYPE AS SPECIFIED — FILLED | | © | NURSE CALL DOME LIGHT — CEILING MOUNTED | 60" CTR |
| A | FRAME | SWITCH | | | CIRCLE DENOTES ON EMERGENCY CIRCUIT,ON NIGHTLIGHT CIRCUIT OR WITH EMERGENCY BALLAST. | | © | NURSE CALL DOME LIGHT — WALL MOUNTED | 90" CTR |
| | ≪□≫ | DRAW OUT DEVICE | | | EXIT SIGN — UNIVERSAL MOUNTING. NUMBER OF SHADED AREAS INDICATE NUMBER OF FACES. ARROWS | | Z NCE | NURSE CALL ZONE LIGHT — CEILING MOUNTED NURSE CALL EQUIPMENT CABINET | 78" TOD |
| | 風 | INDICATOR OR PILOT LIGHT: R—RED, B—BLUE, W—WHITE, G—GREEN, A—AMBER | | | INDICATED DIRECTIONAL FACE. EMERGENCY LIGHT — TYPE AS SPECIFIED | | | INTERCOM STATION | 48" TOD |
| | VFC | VARIABLE FREQUENCY CONTROLLER | | | LIGHTING FIXTURE — WALL MOUNTED FLUORESCENT — TYPE AS SPECIFIED | | | | |
| | 2S2W | MOTOR — SINGLE WINDING UNLESS OTHERWISE NOTED: 2S2W | | □• □•□ | POLE MOUNTED LIGHT FIXTURE — TYPE AS SPECIFIED | | | | |
| | | = 2 SPEED 2 WINDING 2S1W = 2 SPEED 1 WINDING NUMERALS (IF SHOWN) INDICATE HP | | | | | | | |
| | 1 [| CONDUCTORS NOT CONNECTED | | | | | | | |

CONDUCTORS NOT CONNECTED

CONDUCTORS CONNECTED

SYMBOL

SPECIFIC NOTE - REFER TO SPECIFIC NOTES

REVISION NUMBER 2

DRAWING NOTE NUMBER 2

EQUIPMENT TAG NUMBER - REFER TO EQUIPMENT

SCHEDULE SECTION/ELEVATION IDENTIFICATION

PART PLAN AND DETAIL IDENTIFICATION

DEVICES AND CIRCUITRY SHOWN AS LIGHT LINEWEIGHT ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

DEVICES AND CIRCUITRY SHOWN AS LIGHT LINEWEIGHT AND WITH "X" DESINGATES EXISTING TO BE REMOVED UNLESS OTHERWISE NOTED.

CIRCUIT DESIGNATIONS

ELECTRICAL ABBREVIATIONS

ALTERNATING CURRENT

ABOVE FINISHED FLOOR

AUTOMATIC TEMPERATURE

AMERICAN WIRE GAUGE

- BELOW FINISHED CEILING

BELOW FINISHED GRADE

BOTTOM OF DEVICE

CABLE TELEVISION

CIRCUIT BREAKER

CURRENT LIMITING

CCTV — CLOSED CIRCUIT TELEVISION

CURRENT TRANSFORMER

CONNECT TO EXISTING

DPST - DOUBLE POLE SINGLE THROW PP

DPDT - DOUBLE POLE DOUBLE THROW PR - PAIR

FAAP - FIRE ALARM ANNUNCIATOR PANEL SN, S/N - SOLID NEUTRAL FACP - FIRE ALARM CONTROL PANEL SP - SURGE PROTECTION

- FULL VOLTAGE REVERSING TC - TIME CLOCK

FULL VOLTAGE NON-REVERSING
 TEL, TELE — TELEPHONE

– GROUND FAULT INTERRUPTER– TRANS/XFMR – TRANSFORMER

DIRECT CURRENT

DP - DISTRIBUTION PANEL

DT — DOUBLE THROW

EC - EMPTY CONDUIT

EF — EXHAUST FAN EH — ELECTRIC HEATER

EXISTING TO REMAIN

ELECTRIC WATER COOLER

FURNISHED BY OTHERS

ELEVATION

EXISTING

- EXPOSED

- FIRE ALARM

FAN COIL

FLA — FULL LOAD AMPERES

FUSS — FUSED SAFETY SWITCH

FUSED AND FUSIBLE

GENERATOR, GENERAL

GROUND FAULT RELAY

GALVANIZED RIGID STEEL

- HIGH PRESSURE SODIUM

HAND-OFF-AUTOMATIC

HORSEPOWER

HIGH VOLTAGE

ISOLATED GROUND

KCMIL - THOUSAND CIRCULAR MILS

JUNCTION BOX

KVA - KILOVOLT AMPERES

HIGH INTENSITY DISCHARGE

FEEDER

GROUND

HEATER

HERTZ

KV - KILOVOLTS

AUTOMATIC TRANSFER SWITCH

BUILDING AUTOMATION SYSTEM

AMPS INTERRUPTING CAPACITY
 LTNG

AIR CONDITIONING

ABOVE FINAL GRADE

AIR HANDLING UNIT

ALTERNATE

ARCHITECT

CONTROL

BUILDING

CONNECT

C, CND — CONDUIT

CKT - CIRCUIT

CLG — CEILING

CTR - CENTER

CU.CO - COPPER

DN – DOWN

DWG — DRAWING

EA – EACH

ELEC - ELECTRIC

FR - FRAME

FLR - FLOOR

ELEV

ETR

EXP

FDR

GFR

GRD

GRS

HOA

HPS

HTR

JB

E, EMERG - EMERGENCY

DISC — DISCONNECT

APPROX - APPROXIMATELY

ANNUNCIATOR

A, AMP — AMPERE

AFG

ANN

ARCH

BFG

BLDG

CB

CONN

CPT

| <u>LIGHTING</u> A # a POWER # | |
|-------------------------------------|-----------------|
| POWER # | # |
| *CIRCUIT DESIGNATION |] ESIGNATION |
| SWITCH DESIGNATION — FOR EACH AREA. | |

KVAR - KILOVOLT AMPERES REACTIVE

LIGHTNING ARRESTOR

LOCKED ROTOR AMPERES

MAIN CIRCUIT BREAKER

MOTOR CONTROL CENTER

MOTOR STARTER PANEL

NATIONAL ELECTRICAL CODE

NUMBER, NORMALLY OPEN

CONTRACTOR INSTALLED

MASTER ANTENNA TELEVISION

MANHOLE, MOUNTING HEIGHT

LIGHTING CONTACTOR

KILOWATT HOUR

KILOWATTS

LIGHTING

LIGHTNINGLIGHTING PANEL

METAL HALIDE

MOUNTED

ON CENTER

OFOI — OWNER FURNISHED

OH – OVERHEAD

- POLE

PF – POWER FACTOR

PB - PUSHBUTTON

PL — PILOT LIGHT

PNL – PANEL

Pp – PUMP

QTY — QUANTITY

REC, RECPT — RECEPTACLE

REQ'D — REQUIRED

RM - ROOM

MAIN LUGS ONLY

MERCURY VAPOR

NORMALLY CLOSED

NFSS - NON-FUSED SAFETY SWITCH

OWNER FURNISHED

OWNER INSTALLED

PFCC – POWER FACTOR CORRECTION
CAPACITOR

POWER PANEL

PT - POTENTIAL TRANSFORMER

RCS - REMOTE CONTROL SWITCH

RGS — RIGID GALVANIZED STEEL

RLA — RUNNING LOAD AMPERES

SURGE CAPACITOR

SPDT - SINGLE POLE DOUBLE THROW

RX - REMOVE EXISTING

SEC - SECONDARY

SS - SAFETY SWITCH

SST — SOLID STATE
ST — SINGLE THROW

SWBD - SWITCHBOARD

TBR - TO BE REMOVED

TOD - TOP OF DEVICE

UG - UNDERGROUND

UH – UNIT HEATER

W - WATTS, WIRE

VOLTS

XP - EXPLOSION PROOF

TH — TUNGSTEN HALOGEN

TTB — TELEPHONE TERMINAL BOARD

UON — UNLESS OTHERWISE NOTED

WEATHER-PROOF

2S1W - 2 SPEED SINGLE WINDING

2S2W - 2 SPEED DOUBLE WINDING

VFC — VARIABLE FREQUENCY CONTROLLER

SW - SWITCH

TW — TWISTED

TYP – TYPICAL

W/ – WITH

WP

RFI — RADIO FREQUENCY INTERFERENCE

RVAT - REDUCED VOLTAGE AUTO TRANSFORMER

PVC - POLYVINYL CHLORIDE

PLC - PROGRAMMABLE LIGHTING CONTROL

KW

LTG

MCB

MCC

MLO

NEC

OC

– CONTROL POWER TRANSFORMER Ø, PH – PHASE

MSP MTD

GENERAL NOTES:

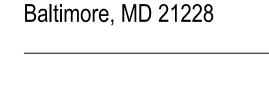
- THIS IS A STANDARD SYMBOL LIST, SOME SYMBOLS MAY NOT APPEAR ON THE ACCOMPANYING DRAWINGS.
- 2. REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
- 3. PLAN & SECTION SYMBOLS MAY ALSO BE USED ON RISER DIAGRAMS.
- 4. ON SINGLE LINE DIAGRAMS FOR 3 PHASE SYSTEMS, DEVICE QUANTITY = 3 UNLESS OTHERWISE NOTED.
- 5. DEVICE SHALL BE MOUNTED A MINIMUM OF 90" AFF TO BOTTOM OF DEVICE OR BELOW THE FINISHED CEILING
- OF NOT LESS THAN 6" TO TOP OF DEVICE.

 6. UNLESS OTHERWISE NOTED ALL INTERIOR CONDUITS AND
- BOXES SHALL BE CONCEALED.
- 7. FIRE ALARM DEVICES SHOWN FOR REFERENCE ONLY.
 CONTRACTOR SHALL CONTRACT SERVICES OF A CERTIFIED
 FIRE ALARM VENDOR TO EVALUATE THE EXISTING BUILDING
 SYSTEM, DESIGN NEW DEVICE LAYOUT TO ACCOMMODATE
 RENOVATED AREAS, PREPARE PERMIT AND SHOP DRAWINGS
 FOR A FULLY FUNCTIONAL, CODE COMPLIANT FIRE ALARM
 SYSTEM.
- 8. CONTRACTOR SHALL COORDINATE ALL CONDUIT RUNS WITH ALL OTHER DISCIPLINES PRIOR TO ROUGH—IN. CONDUIT RUNS SHALL BE SET SO THEY ARE AESTHETICALLY COORDINATED WITH ALL OTHER DISCIPLINES.
 9. CONTRACTOR SHALL COORDINATE ALL DEVICES MOUNTED
- PRIOR TO PURCHASE AND ROUGH—IN.

 10. CONTRACTOR SHALL FIELD VERIFY ALL NECESSARY CONDUIT

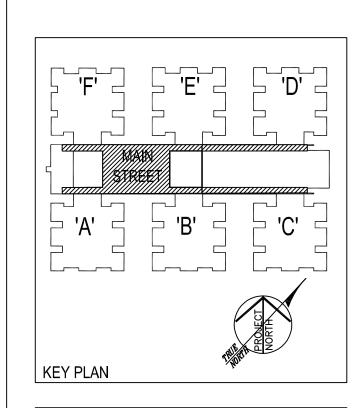
RUNS IN THE BASEMENT WITH THE EXISTING CONDITIONS.

TO/WITHIN MILLWORK WITH ARCHITECT AND MILLWORK



601 Maiden Choice Lane

Little Sisters of the Poor



| Gaudreau, Inc. |
|---|
| 810 Light Street Baltimore Maryland 21230 410 . 837 . 5040 www.gaudreauinc.com |
| |
| |

Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland.

License No: 9473 Expiration Date: 04/07/17

CONSTRUCTION DOCUMENTS

5.09.2016

| Date: | 03/04/10 |
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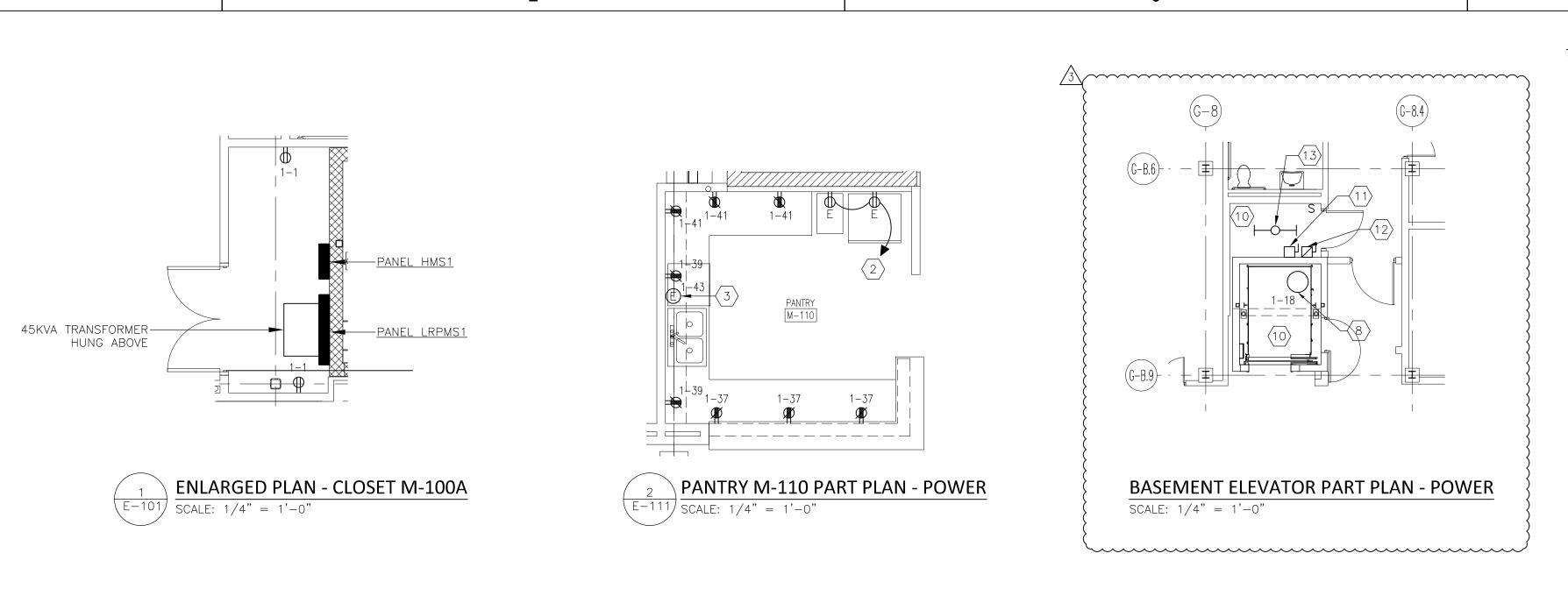
Number Description

Project Number:

CONSTRUCTION SET

ELECTRICAL
LEGEND AND
ABBREVIATIONS

E-001



DRAWING NOTES (REFER TO E-111 AS INDICATED): SPECIFIC NOTES (REFER TO E-111 WHERE INDICATED): (1) COORDINATE MOUNTING HEIGHT AND PURPOSE WITH ARCHITECT. 1. FAN COIL UNITS TO BE PROVIDED WITH FACTORY SUPPLIED DISCONNECT SWITCH.

 \langle 2 \rangle connect to existing emergency stand-by panel previously serving this area. Provide a 1P/20A/120V

CIRCUIT BREAKER IN PANEL AS NECESSARY. PROVIDE 2#12, #12GRD. IN 3/4"CND.

 $\overline{3}$ ELECTRICAL CONNECTION FOR DISHWASHER. COORDINATE FINAL CONNECTION WITH MANUFACTURER.

 \langle 4 \rangle electrical connection and switch for fireplace. Coordinate final connection with manufacturer.

 \langle 5 \rangle ELECTRICAL CONNECTION FOR COOKTOP. COORDINATE FINAL CONNECTION WITH MANUFACTURER.

6 ELECTRICAL CONNECTION FOR DOUBLE WALL OVEN. COORDINATE FINAL CONNECTION WITH MANUFACTURER.

7 INTERLOCK EXHAUST FAN WITH LIGHT SWITCH IN ROOM.

 $\langle 8 \rangle$ 1/2HP SUMP PUMP. PROVIDE A MANUAL MOTOR STARTER. CONNECT TO CIRCUIT NOTED. MAINTAIN EXISTING DISCONNECTS AND CIRCUITS FOR ELEVATOR MOTOR AND CAB FOR ELEVATOR REFURBISHMENT. SEE DETAIL — ELEVATOR SHAFT AND MACHINE ROOM ON SHEET E—501 FOR ADDITIONAL

 $\langle 10 \rangle$ SEE DETAIL - ELEVATOR SHAFT AND MACHINE ROOM ON SHEET E-501 FOR ADDITIONAL DETAILS.

 $\langle 11 \rangle$ DISCONNECT SWITCH FOR ELEVATOR CAB LIGHTS & POWER. CONNECT TO CIRCUIT 1-22.

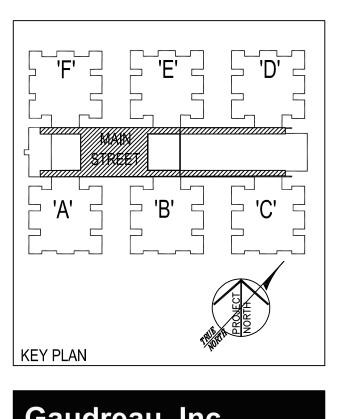
12 100A, 3 POLE, 480V DISCONNECT SWITCH FUSED @ 100A FOR ELEVATOR MOTOR. REFER TO RISER DIAGRAM ON SHEET E-501.

 $\langle 13 \rangle$ HE WILLIAMS - 39-4-L84/835-A-DRV-120. CONNECT TO EMERGENCY LIGHTING CIRCUIT IN THIS AREA.

Little Sisters of the Poor

601 Maiden Choice Lane

Baltimore, MD 21228





Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland. License No: 9473

CONSTRUCTION DOCUMENTS

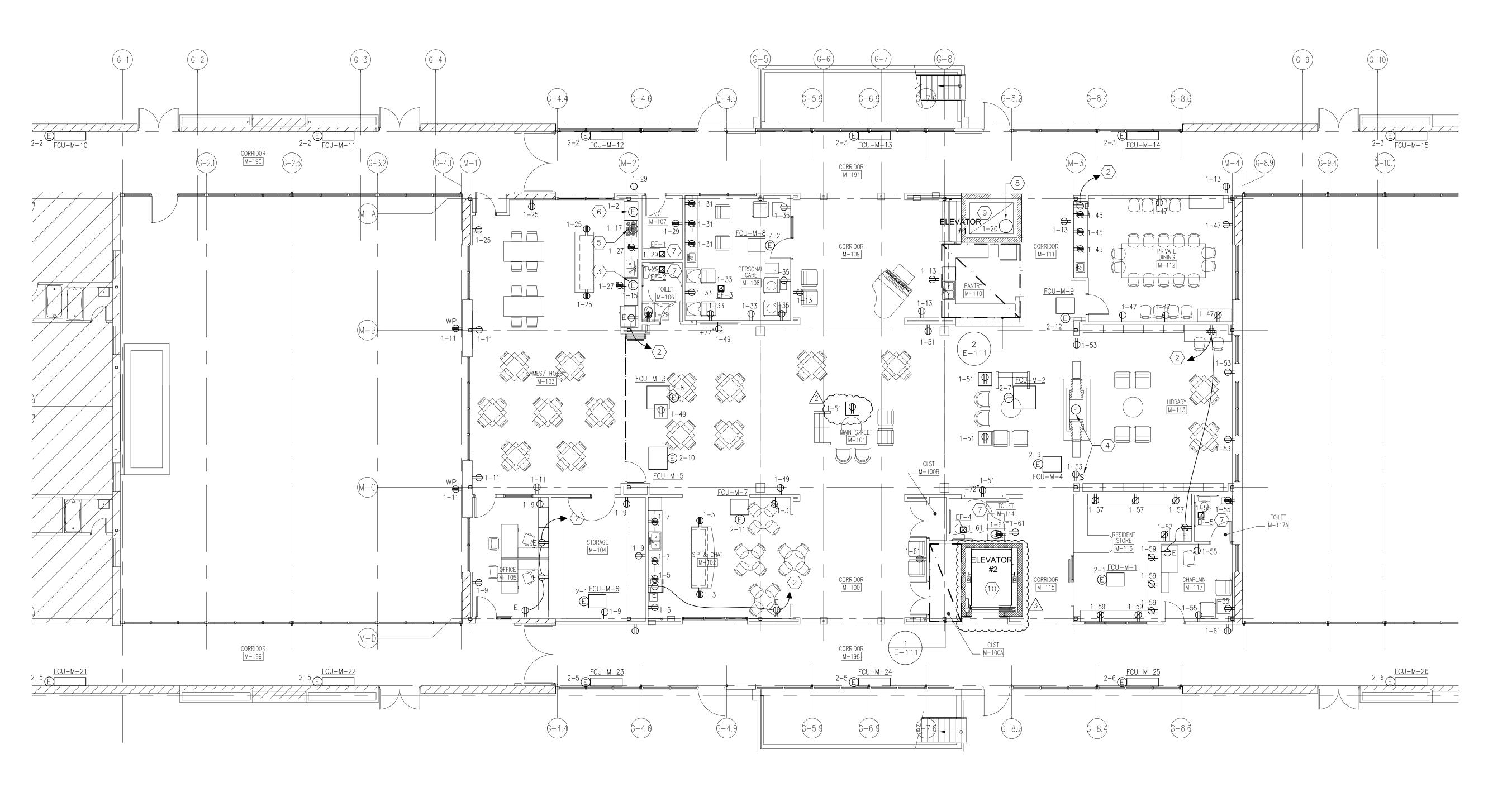
3.30.2016

| Date: | | 03/04/16 |
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| | CONSTRUCTION SET | 5.09.2016 |
| 3 | ADDENDUM #3 | 4.01.2016 |
| 2 | ADDENDUM #2 | 3.30.2016 |
| | | |

FIRST FLOOR POWER PLAN MAIN STREET

E-111 SCALE: 1/4" = 1'-0"

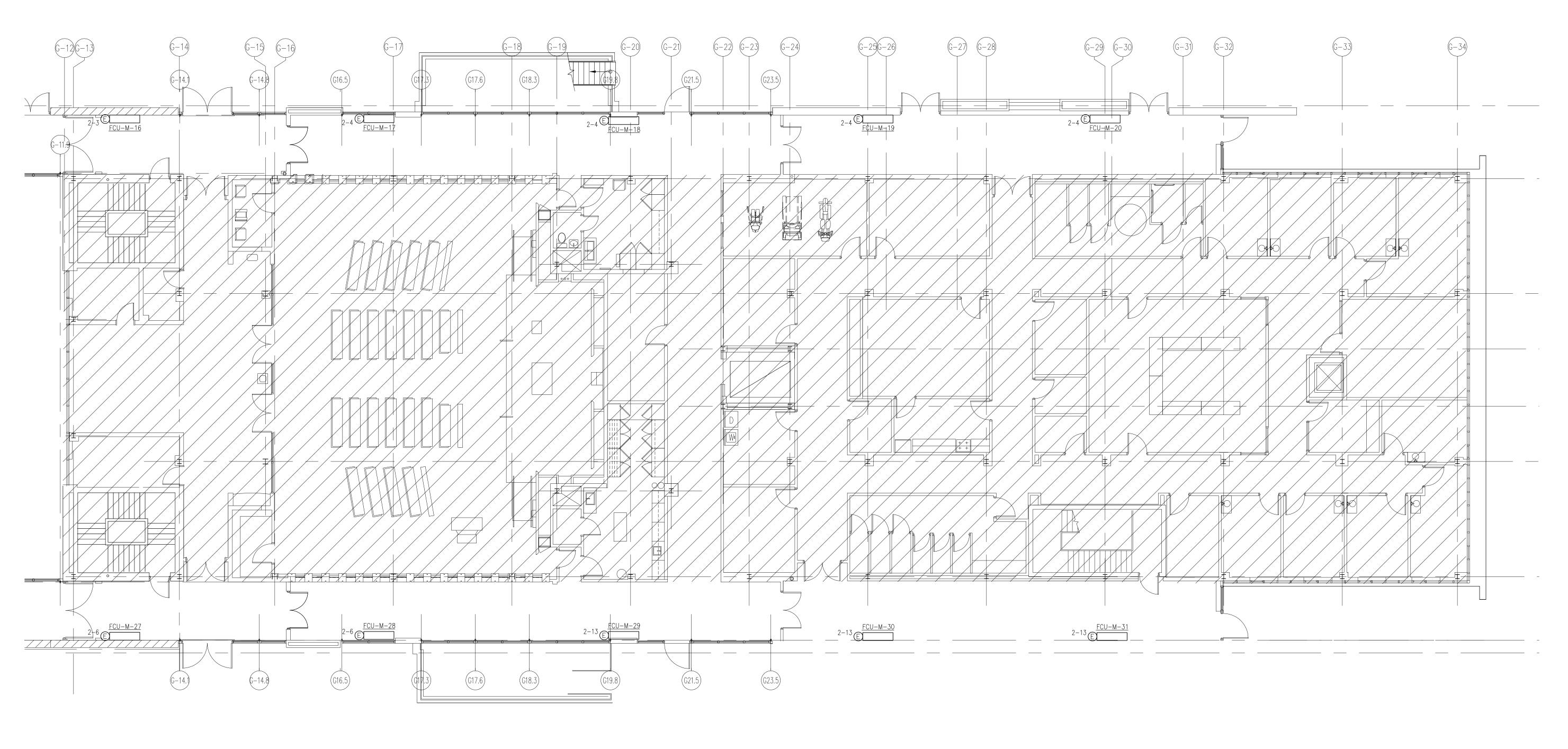
SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN - POWER



601 Maiden Choice Lane Baltimore, MD 21228



FIRST FLOOR PLAN - POWER

SCALE: 1/8" = 1'-0"

| ARCHITECTS I PLANNERS |
|---|
| 810 Light Street Baltimore Maryland 21230 410 . 837 . 5040 www.gaudreauinc.com |
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CONSTRUCTION DOCUMENTS

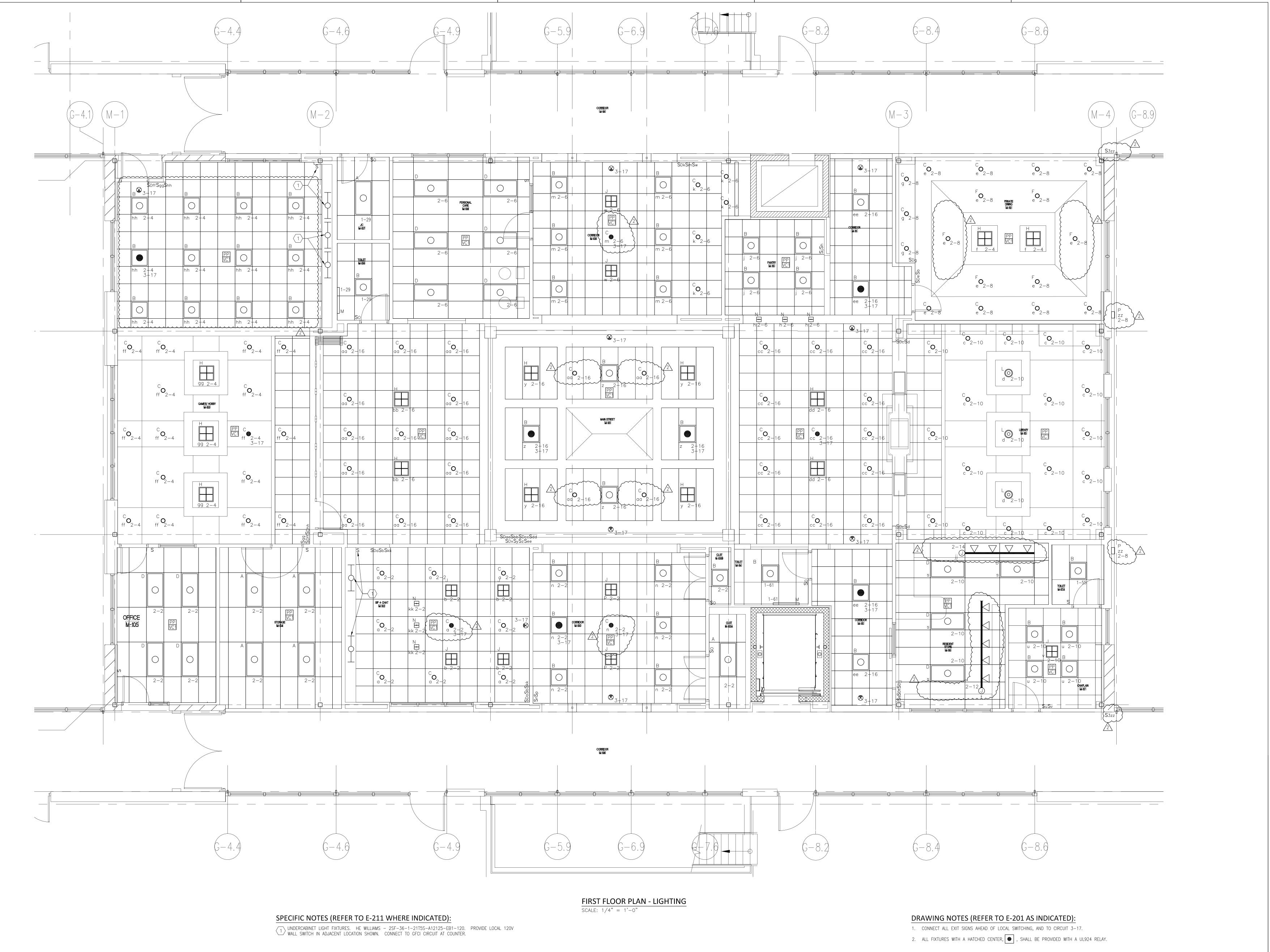
CONSTRUCTION SET

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| Date: | | 03/04/16 |
| Project | Number: | 15046.00 |

Date 5.09.2016

FIRST FLOOR POWER PLAN

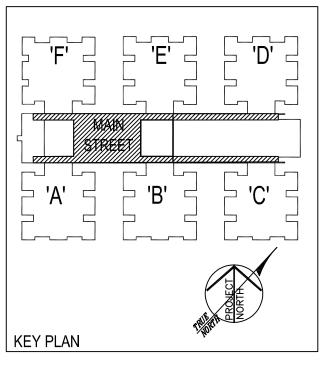
E-112





Little Sisters of the Poor

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Expiration Date: 04/07/17

CONSTRUCTION DOCUMENTS

License No: 9473

2 ADDENDUM #2 3.30.2016
CONSTRUCTION SET 5.09.2016

Date: 03/04/16

Project Number: 15046.00

FIRST FLOOR LIGHTING PLAN

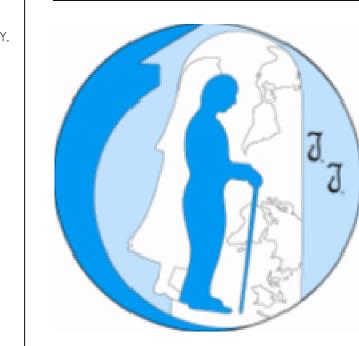
E-211

DRAWING NOTES (REFER TO E-311 AS INDICATED):

- ALL WIRING SHALL BE LABELED ON BOTH THE SOURCE END AND THE TERMINATION END — THIS INCLUDES THE FEEDS FROM THE PATCH PANEL, TO THE MAIN HUB ROOM.
- 2. LINE TYPE INDICATES DATA WIRING/HOME-RUN. WIRE TYPE SHALL MATCH BUILDING STANDARD.
- 3. LINE TYPE INDICATES TELEPHONE WIRING/HOME-RUN. WIRE TYPE SHALL MATCH BUILDING STANDARD.
- 4. SYMBOL INDICATES WIRELESS ACCESS POINT. CONFIRM EXACT LOCATIONS WITH MANUFACTURER'S RECOMMENDED PLACEMENT. DESIGN BASED AROUND SOPHOS AP 100C. PROVIDE A 1P/20A/120V CIRCUIT IN PANEL LRPMS1 TO SERVE ALL OF THE ACCESS POINTS. PROVIDE 2#12, #12GRD. IN 3/4"CND.
- 5. FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY.
 CONTRACTOR SHALL CONTRACT THE SERVICES OF ALARM TECH
 SOLUTIONS, LLC (301–912–1775) TO EVALUATE THE EXISTING
 BUILDING SYSTEM, DESIGN NEW DEVICE LAYOUT TO ACCOMMODATE
 SCOPE OF WORK, PREPARE PERMIT AND SHOP DRAWINGS FOR A
 FULLY FUNCTIONAL AND CODE COMPLIANT FIRE ALARM SYSTEM. THE
 PERSON(S) CONTRACTED TO COMPLETE SAID DESIGN SHALL MEET
 THE FOLLOWING REQUIREMENTS: TRAINED AND CERTIFIED BY THE
 MANUFACTURER USED IN THE FIRE—ALARM SYSTEM DESIGN; NICET
 CERTIFIED FIRE ALARM TECHNICIAN, LEVEL III MINIMUM; LICENSED OR
 CERTIFIED BY AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL
 ASSUME ALL RESPONSIBILITY OF CONTRACTING SAID SERVICES, AND
 THE ENGINEER WILL REVIEW THE FULL SHOP DRAWINGS ONCE
 PREPARED.
- 6. FIRE ALARM ANNUNCIATING DEVICES SHALL BE CEILING MOUNTED TO MATCH THE BUILDING STANDARD.

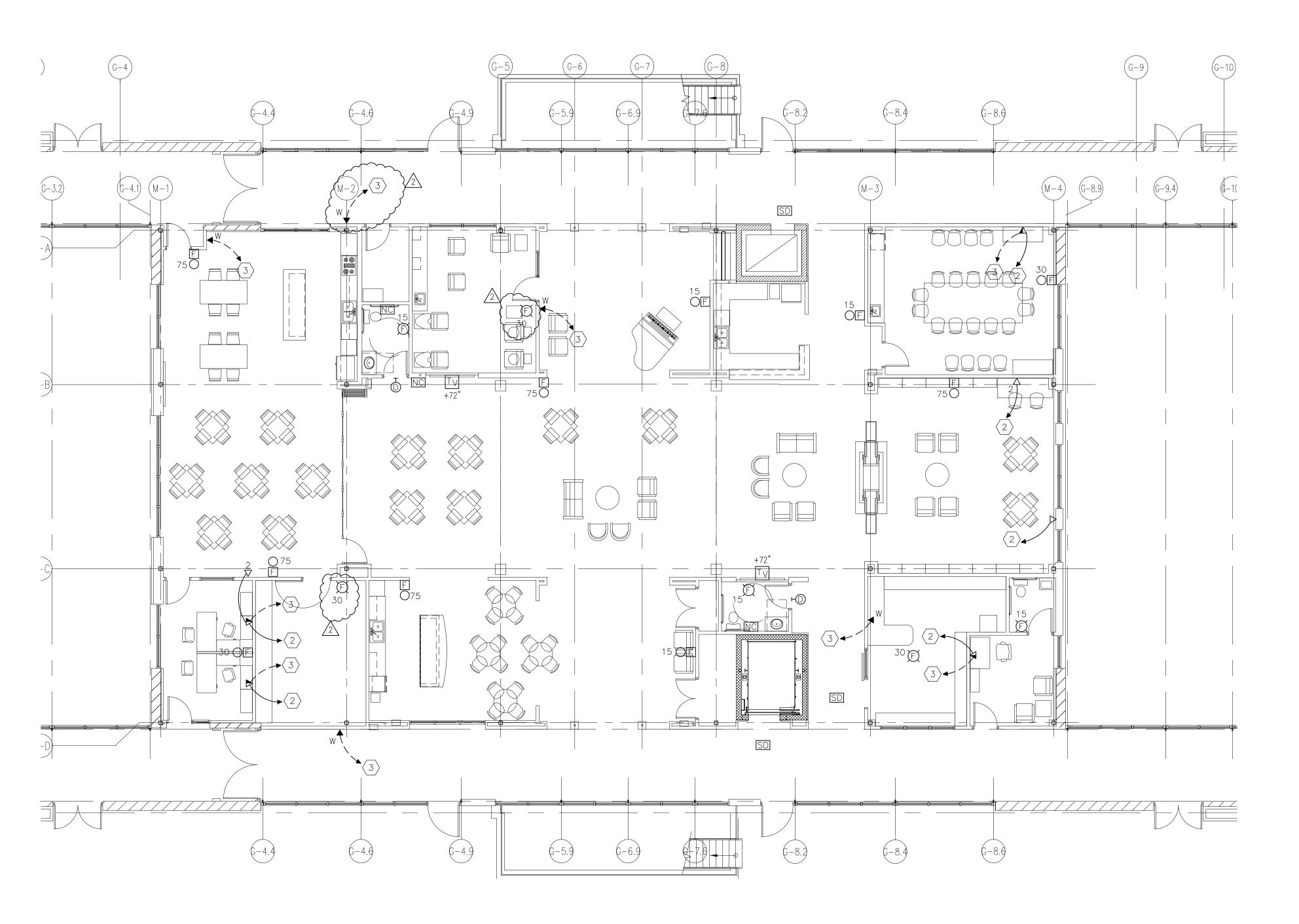
SPECIFIC NOTES (REFER TO E-311 WHERE INDICATED):

- $\langle 1 \rangle$ SERVER RACK AND PATCH PANEL MANUFACTURER AND MODEL SHALL MATCH THOSE USED IN REST OF FACILITY. $\langle 2 \rangle$ PROVIDE DATA HOME-RUN BACK TO PATCH PANEL IN TEL/DATA ROOM C-295.
- PROVIDE TELEPHONE HOME-RUN BACK TO BOARD IN TEL/DATA ROOM C-295. TELEPHONE JACKS MAY BE DAISY CHAINED IF MULTIPLE JACKS ARE LOCATED WITHIN THE SAME ROOM.



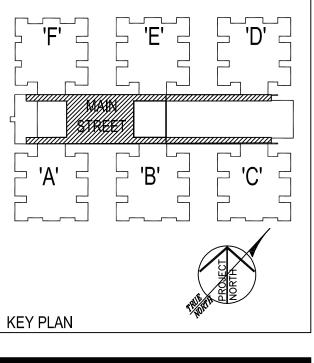
Little Sisters of the Poor

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FIRST FLOOR PLAN - SPECIAL SYSTEMS

SCALE: 1/8" = 1'-0"



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License No: 9473 Expiration Date: 04/07/17

CONSTRUCTION DOCUMENTS

3.30.2016

5.09.2016

| Date: | 03/04/16 |
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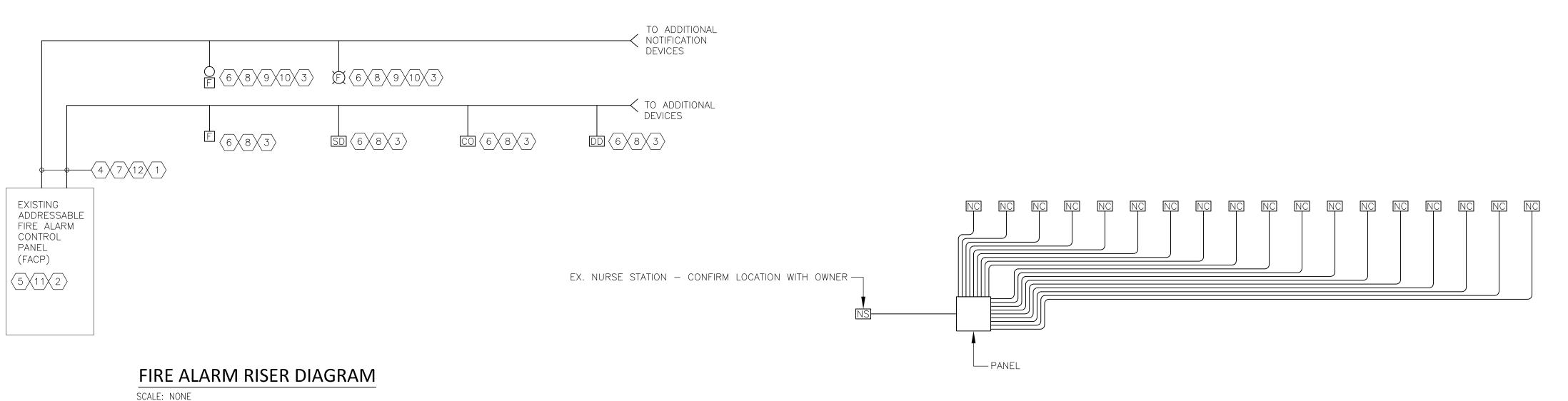
ADDENDUM #2

CONSTRUCTION SET

Project Number: 15046.00

FIRST FLOOR SPECIAL SYSTEMS PLAN

E-311



FIRE ALARM RISER DIAGRAM NOTES:

 $\langle 2 \rangle$ T-TAPPING OF NAC CIRCUITS IS NOT PERMITTED.

SPECIFICATIONS.

BOXES FOR THESE DEVICES.

CONFIRM LOCATION IN THE FIELD.

FOLLOWING CODES AND STANDARDS:

 \langle 1 \rangle installation and termination of all wires shall conform to manufacturers

 $\overline{3}$ SINGLE DEVICE ELECTRICAL BOXES TO BE RECESSED WITHIN WALL. ALL SURFACE

4 CONNECT FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM CIRCUIT. CONFIRM EXACT FIRE ALARM DISTRIBUTION SYSTEM.

igg(6igg) provide fire alarm devices that are compatible with the existing system.

 $\langle 9 \rangle$ WALL MOUNTED STROBES/SPEAKERS SHALL BE INSTALLED NOT LESS THAN 6'-6" AND $^{\smile}$ not more than 8'-0" from the bottom of the unit to the finished floor.

 $\langle 11 \rangle$ ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE

 $\langle 12
angle$ all fire-rated assemblies penetrated shall be sealed with an appropriate ul

LISTED FIRE-RESISTIVE THROUGH PENETRATION SYSTEM. THE INSTALLING CONTRACTOR

2500A SWBD

_____100A

_____<u>1</u>00A

_____<u>12</u>5A

____SPACE

ELECTRICAL RISER DIAGRAM

(1) PROVIDE GROUNDING ELECTRODE CONDUCTOR PER NEC TABLE 250.66.

PROVIDE GROUNDING ELLOTRODE GONDOGION. 2....2

SCALE: NOT TO SCALE

MANUFACTURER AND LOCAL CODE REQUIREMENTS.

SPACE

____SPACE

____SPACE

<u>S</u>PACE

___SPACE

C/T CABINET

EXISTING INCOMING SERVICE

(10) ALL STROBE CIRCUITS SHALL BE WIRED TO FLASH IN SYNCHRONIZATION: PROVIDE

 $\overline{\langle 5 \rangle}$ existing fire alarm panel which serves the existing building.

 $\langle 8 \rangle$ provide clear label to all devices displaying address on device.

SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS.

EXISTING BGE METER —

 $\langle 7 \rangle$ all fire alarm circuit wiring shall be run in emt.

SYNCHRONIZATION MODULE FOR EACH STROBE CIRCUIT.

NFPA 70, THE NATIONAL ELECTRICAL CODE. NFPA 72, THE NATIONAL FIRE ALARM CODE,

3) NFPA 101, THE LIFE SAFETY CODE.

MOUNTED PULL STATIONS, STROBES, SHALL BE MOUNTED IN THE MANUFACTURER'S BACK

DETAIL - NURSE CALL RISER

-3#4, #8GRD. IN 1-1/4"CND.

45KVA

XFMR

#3 & #6 GRD IN 1-1/4" C

480V

4#1/0, #6GRD. IN 2"CND.—

70A

70A

______80A

<u>____100A</u>

_____100A

______150A

______150A

_____100A

____SPACE

_____<u>12</u>5A

_____<u>1</u>75A

_____100A

_____100A

_____100A

______60A

100A

______125A

_____100A

100A

_____1200A

SCALE: NONE 1. VERIFY AMOUNT OF DEVICES WITH FLOOR PLAN, REFER TO SHEET E-101.

— 4#1/0, #6GRD. IN 2"CND.

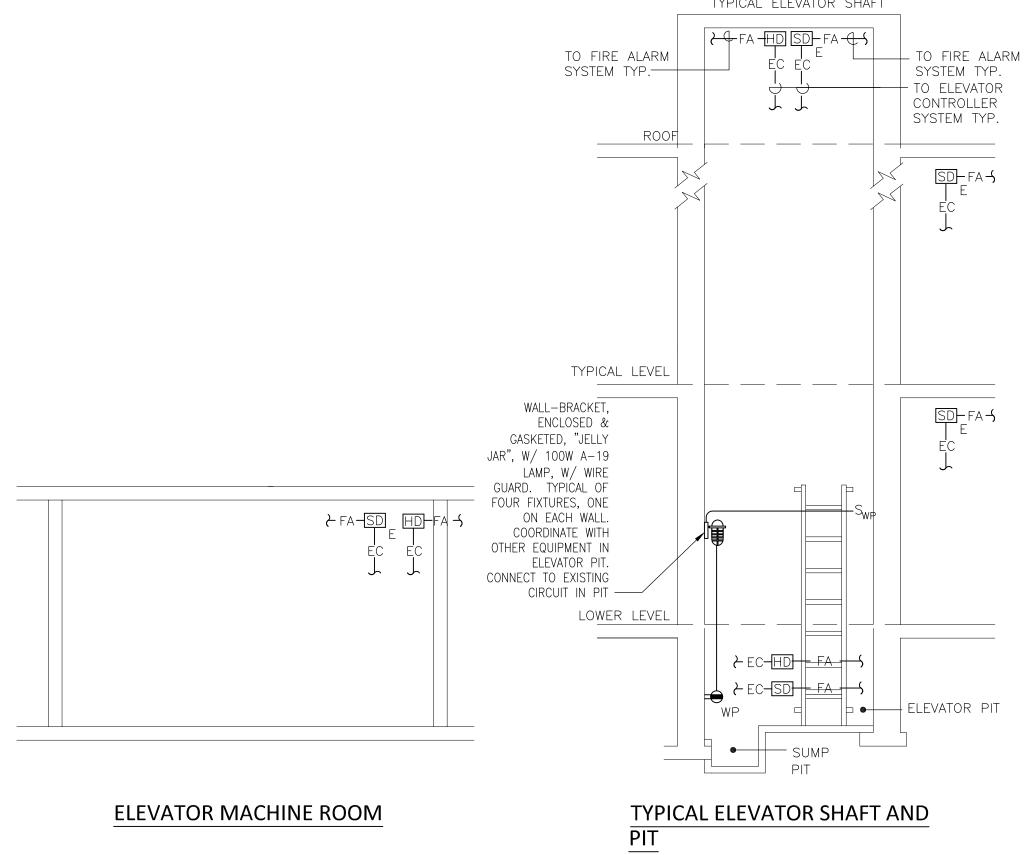
1ST FLOOR

BASEMENT

CONTACTOR CONTROL SCHEDULE PANEL CIRCUIT CONTACTOR NUMBER LRPC1 66 1 - 68TIME CLOCK —(C1) → MANUAL OVERRIDE 2HR TIMER DIGITAL TIMED WALL SWITCH AND DIMMER FOR MANUAL OVERRIDE. LOCATE SWITCH AS DIRECTED BY OWNER. ---

DETAIL - TIMECLOCK - EXTERIOR LIGHTING

SCALE: NONE NOTE: LOCATE EQUIPMENT IN TEL/DATA ROOM.

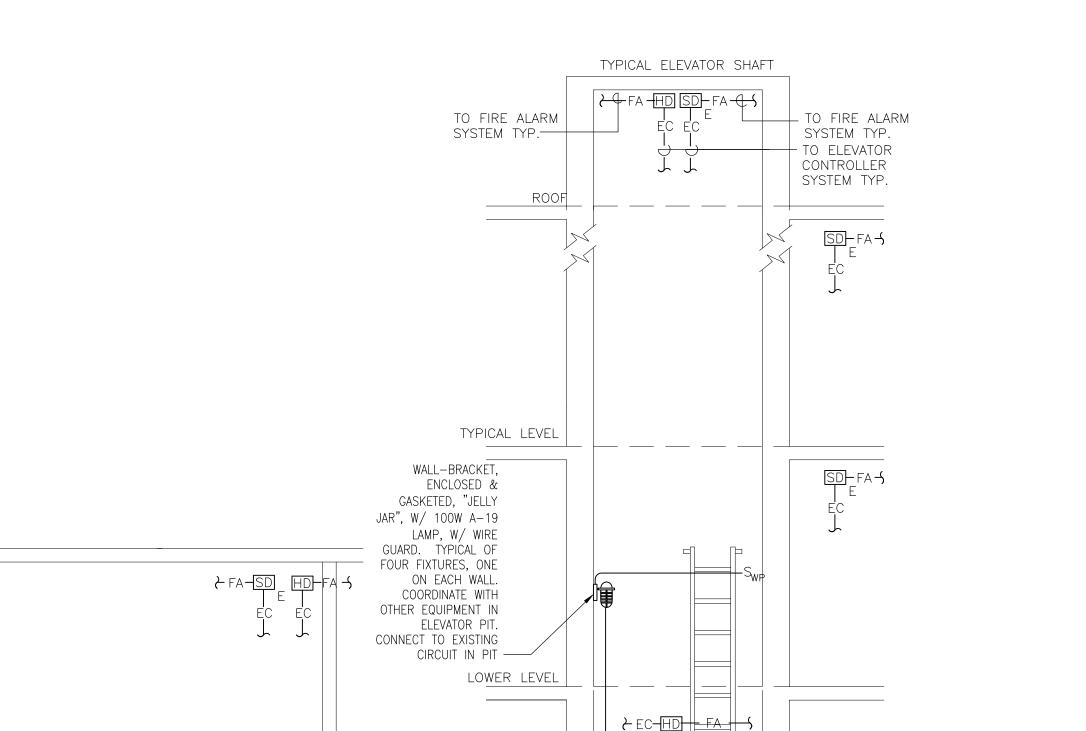


GENERAL ELEVATOR NOTES:

- FEEDER(S). COORDINATE OVERCURRENT PROTECTION DEVICES & WIRING W/ ELEVATOR MOTOR/EQUIP. NAMEPLATE DATA. FIELD LOCATE EQUIPMENT AS NECESSARY FOR A COMPLETE AND SATISFACTORY SYSTEM, MEETING THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ELEVATOR INSTALLER.
- IN THE ELEVATOR PIT, MACHINE ROOM OR SHAFT.
- SHUNT-TRIP DEVICE SO THAT UPON ACTIVATION THE SHUNT-TRIP BREAKER SHUT DOWNS POWER TO THE ELEVATOR(S) PER ASME-17.1, 102.2c.
- ANNUNCIATOR PANEL. PANELS SHALL SUPERVISE ONLY; INDICATE 'TROUBLE' WHEN
- 6. FOR EACH ELEVATOR CONTROLLER, PROVIDE 2 PAIR OF CAT 3 CABLE TO
- MAIN TELEPHONE BACKBOARD. TERMINATE AT BACKBOARD ON 110 BLOCK.
- 7. REFER TO DIVISION 15 FOR FLOW AND TAMPER SWITCH REQUIREMENTS

DETAIL - ELEVATOR SHAFT AND MACHINE ROOM

SCALE: NONE



1. PROVIDE SHUNT-TRIP TYPE ENCLOSED CIRCUIT BREAKER(S) FOR ELEVATOR

3. PROVIDE A HEAT DETECTOR WITHIN 2' OF EACH SPRINKLER HEAD LOCATED

4. CONNECT HEAT DETECTORS IN ELEVATOR PIT(S), MACHINE ROOM(S) AND SHAFT(S) TO

5. CONNECT SMOKE DETECTORS TO THE MAIN FIRE ALARM PANEL AND THE REMOTE

DEVICE(S) ARE ACTIVATED.

RELATED TO ELEVATOR(S).

ELECTRICAL DIAGRAMS AND **DETAILS**

Little Sisters of the Poor

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Baltimore, MD 21228

KEY PLAN

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5.09.2016

03/04/16

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laws of the State of Maryland.

ADDENDUM #3

CONSTRUCTION SET

License No: 9473

Project Number:

ARCHITECTS | PLANNERS

| | LIGHT FIXTURE CONTROL DE | EVICE SC | HEDULE | |
|---|--|-----------|---------------|---------------|
| Ε | DESCRIPTION | MANUFACT. | MODEL # | TIME DELAY |
| | CEILING MOUNTED, MULTI-TECHNOLOGY, VACANCY SENSOR; | LEVITON | ODC20- MDW | 30 MINS |
|] | POWER PACK — PROVIDES POWER TO DEVICES | LEVITON | OPP20 | Н |
| | LOW-VOLTAGE ON/OFF SWITCH | LEVITON | ı | ı |
| | LOW-VOLTAGE SWITCH WITH RAISE/LOWER FUNCTION | LEVITON | I | I |
| | WALL MOUNTED, PASSIVE INFRARED, OCCUPANCY SENSOR; 1200 SQFT. | LEVITON | ODS15- IDW | 10 MINS |

LIGHTING CONTROL AND FIXTURE SCHEDULE NOTES:

- APPROVED EQUALS MUST MEET ALL SPECIFIED DESIGN CRITERIA AND BE COMPATIBLE WITH ALL OTHER LIGHTING DEVICES.
- 2. COORDINATE LIGHTING FIXTURE MOUNTING BRACKETS AND REQUIREMENTS WITH WALL/ CEILING TYPES INDICATED ON ARCHITECTURAL DRAWINGS.
- 3. COORDINATE QUANTITY OF POWER PACKS, ROOM CONTROLLERS, ETC. TO OBTAIN LIGHTING CONTROLS DESIGN WITH MANUFACTURER.
- 4. PROVIDE DIMMING BALLAST(S)/ LED DRIVERS WHERE DIMMING CONTROL ARE INDICATED ON FLOOR PLANS. DIMMING BALLASTS/ LED DRIVERS SHALL BE DIM LIGHTS DOWN TO 10%, 10% HARMONIC DISTÓRTION, AND BE COMPATIBLE WITH DIMMING CONTROLS.
- 5. WIRING DIAGRAMS AS PROVIDED BY MANUFACTURER UNLESS OTHERWISE
- 6. SUBSCRIPT 'x' INDICATES WHAT FIXTURES THE DEVICE IN CONTROLLING. SUBSCRIPTS ARE ONLY SHOWN IN AREAS WHERE THE CONTROL INTENT MAY BE AMBIGUOUS.
- 7. PROVIDE UL LISTED EMERGENCY RELAY FOR ALL EMERGENCY LIGHT FIXTURES TO COMPLY WITH LIFE SAFETY REQUIREMENTS. DEVICES ARE NOT SHOWN ON PLAN, BUT CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN ADEQUATE NUMBER OF RELAYS TO COMPLY WITH LIFE SAFETY REQUIREMENTS, AND PROVIDE FUNCTIONAL CONTROL.
- 8. THIS IS A STANDARD SCHEDULE. SOME DEVICES MAY NOT APPEAR ON THE ACCOMPANYING DRAWINGS.

Average Connected Amps: 115.75

Average Demand Amps: 90.65

Min Circuit Amps: 115.00

| | · | | | | | E WITH ARCHITECT | TURAL FINISHES. MOUNTING HEIGHTS | | |
|------|--|------------|------|--------------------|--------|------------------|--|--|--|
| | INDICATED ARE TO BOTTOM OF FIXTURE. | ALL FINISH | | | 1 | T T | MANUL / MODEL NO | | |
| TYPE | DESCRIPTION | | LAMI | | MAX W. | MOUNTING | MANU. / MODEL No. | | |
| | SIVALLED TROFFER, 43F# PRICMATIC | VOLTS | NO. | TYPE | | | (OR APPROVED EQUAL) | | |
| Α | 2'X4' LED TROFFER; .125" PRISMATIC LENS; 3500K; 4200 LUMENS; | 120 | | LED | 39 | RECESSED | HE WILLIAMS LPT-24-L42/835-SA12125-DRV-120 | | |
| В | 2'X2' LED TROFFER; DIFFUSE MATTE ACRYLIC CENTER; 3500K; 3000 LUMENS; | 120 | 1 | LED | 31 | RECESSED | HE WILLIAMS AT2-22-L30/835-D-DIM-120 | | |
| С | 6" LED DOWNLIGHT; 3500K; 1500 LUMENS; 0-10V DIMMING DRIVER. | 120 | 1 | LED | 20 | RECESSED | HE WILLIAMS L60-L15/835-CS-DIM-120 | | |
| CW | 6" LED WALL WASH DOWNLIGHT; 3500K; 1500 LUMENS; 0-10V DIMMING DRIVER. | 120 | 1 | LED | 22 | RECESSED | HE WILLIAMS LWW60-L15/835-CS-DIM-120 | | |
| D | 2'X4' LED TROFFER; DIFFUSE MATTE ACRYLIC CENTER; 3500K; 4000 LUMENS; 0-10V DIMMING DRIVER. | 120 | 1 | LED | 41 | RECESSED | HE WILLIAMS AT2-24-L40/835-D-DIM-120 | | |
| F | 6" LED DOWNLIGHT; OPEN AUDJUSTIBLE, SLOPE CEILING FIXTURE; 3500K; 1500 LUMENS; 0-10V DIMMING DRIVER. | 120 | 1 | LED | 21 | RECESSED | HE WILLIAMS LDR60-L15/835-CS-DIM-120 | | |
| G | ARCHITECTURAL WALL SCONCE | 120 | 1 | LED LF13 | 13 | WALL | VISA MIDLANDS CRAFT/COLONNADE CB5186-LF13-BZ/CB3550-LNW900-BZA | | |
| Н | ARCHITECTURAL PENDANT | 120 | 4 | 2G11 | 108 | CEILING | VISA MIDLANDS CRAFT CP4810-4F27-BZ | | |
| J | ARCHITECTURAL SQUARE SURFACE MOUNTED FIXTURE | 120 | 2 | QF36 | 52 | CEILING | VISA MIDLANDS CRAFT CM1590-2QF26-BZ | | |
| K | ARCHITECTURAL ROUND SURFACE MOUNTED FIXTURE | 120 | 2 | QF36 | 52 | CEILING | VISA CAPITOL CM1730-2QF26-BZ | | |
| L | ARCHITECTURAL PENDANT | 120 | 4 | F40 | 160 | CEILING | VISA CYLINDER CRA344-4F39-BZ | | |
| M | BATHROOM VANITY FIXTURE | 120 | 3 | LED | 81 | WALL | JUSTICE DESIGN GROUP ALR-8593-30-DBRZ | | |
| N | ARCHITECTURAL PENDANT | 120 | 1 | 12 VOLT HALOGEN | 50 | CEILING | TECH LIGHTING ARCHITECT | | |
| Р | EXTERIOR WALL MOUNT LUMINAIRE | 120 | 2 | LED | 42 | WALL | EATON/MCGRAW EDISON OAK PARK PENDANT 700FJOAKBAS-12 | | |

| 1. VERIFY FINISHES/COLORS WITH THE ARCHITECT. |
|---|
| 2. VERIFY MOUNTING WITH ARCHITECTURAL DRAWINGS. |

| Volts: Phase: Wire: | 208/120 3 4 | | 225A 150A 10,000 | | | | Poles: 3 | 84 SURFACE | • | Re | emarks: | FED FRO | IN SWBD. | | | |
|---------------------------|----------------------------|------------|------------------------|------------|---------|----------|--------------|---------------|--------------|---------|---------|------------|---------------|-----------|--------------------------------|-------|
| CKT | FOR | CIRCUITING | | | BREAKER | | 10.74 | LOAD phase | 1/3 / A | BREAKER | | | RCUITIN | | FOR | СКТ |
| 4 | DEC 14100 | NO 2/1 | SIZE 12/12 | C. 3/4" | POLE | AMP | KVA | | KVA | AMP | POLE | C. 3/4" | SIZE 12/12 | NO 2/1 | LICUTO | 2 |
| 1 | REC M100 REC M102 | 2/1 | 12/12 | 3/4" | 1 | 20 20 | 0.36 0.54 | a b | 1.40 0.97 | 20 | 1 1 | 3/4" | 12/12 | 2/1 | LIGHTS LIGHTS | 2 |
| 3 | | 2/1 | 12/12 | 3/4" | | | | | | | | 3/4" | 12/12 | 2/1 | LIGHTS | 4 |
| 5 | REC M102 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.36 | C | 1.01 | 20 | 1 | 3/4" | 12/12 | 2/1 | | 6 |
| 7 | REC M102 REC M104, M105 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.36 | a | 0.60 | 20 | 1 | 3/4" | 12/12 | 2/1 | LIGHTS | 8 |
| 9 | <u> </u> | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.90 | b | 1.20 | 20 | 1 | 3/4" | 12/12 | 2/1 | LIGHTS | 10 |
| 11 | REC M103 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.90 | С | 1.50 | 20 | 1 | 3/4" | 12/12 | 2/1 | LIGHTS | 12 |
| 13 | REC M109 | | | | 1 | 20 | 0.72 | a | 0.60 | 20 | 1 | | | | LIGHTS | 14 |
| 15 | DISHWASHER M103 | 2/1 | 12/12 | 3/4" | 1 | 20 | 1.30 | b | 1.69 | 20 | 1 | 3/4" | 12/12 | 2/1 | LIGHTS | 16 |
| 17 | СООКТОР М103 | 2/1 | 12/12 | 3/4" | 2 | 30 | 2.80 | С | 1.18 | 20 | 1 | 3/4" | 12/12 | 2/1 | SUMP PUMP | 18 |
| 19 | - | - | - | | - | - | 2.80 | a | 1.18 | 20 | 1 | 3/4" | 12/12 | 2/1 | SUMP PUMP | 20 |
| 21 | DOUBLE OVEN M103 | 2/1 | 12/12 | 3/4" | 2 | 30 | 2.70 | b | | | | | | | | 22 |
| 23 | - | - | - | - | - | - | 2.70 | С | | | | | | | | 24 |
| 25 | REC M103 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.72 | a | | | | | | | | 26 |
| 27 | REC M103 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.36 | b | | | | | | | | 28 |
| 29 | REC/LTS M106, M107 | 2/1 | 12/12 | 3/4" | 1 | 20 | 1.20 | С | | | | | | | | 30 |
| 31 | REC M108 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.54 | a | | | | | | | | 32 |
| 33 | REC M108 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.54 | b | | | | | | | | 34 |
| 35 | REC M108 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.54 | С | | | | | | | | 36 |
| 37 | REC M110 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.54 | a | | | | | | | | 38 |
| 39 | REC M110 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.36 | b | | | | | | | | 40 |
| 41 | REC M110 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.54 | С | | | | | | | | 42 |
| 43 | DISHWASHER M110 | 2/1 | 12/12 | 3/4" | 1 | 20 | 1.30 | a | | | | | | | | 44 |
| 45 | REC M112 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.54 | b | | | | | | | | 46 |
| 47 | REC M112 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.90 | С | | | | | | | | 48 |
| 49 | REC M101 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.54 | а | | | | | | | | 50 |
| 51 | REC M101 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.72 | b | | | | | | | | 52 |
| 53 | REC M113 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.72 | С | | | | | | | | 54 |
| 55 | REC/LTS M117 | 2/1 | 12/12 | 3/4" | 1 | 20 | 1.20 | a | | | | | | | | 56 |
| 57 | REC M116 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.72 | b | | | | | | | | 58 |
| 59 | REC M116 | 2/1 | 12/12 | 3/4" | 1 | 20 | 0.72 | c | | | | | | | | 60 |
| 61 | REC M114, M115 | 2/1 | 12/12 | 3/4" | 1 | 20 | 1.20 | a | | | | | | | | 62 |
| 63 | | | , | | | 20 | 1.20 | b | | | | | | | | 64 |
| 65 | | | | | | | | С | | | | | | | | 66 |
| 67 | | | | | | | | | | | | | | | | 68 |
| | | | | | | | | a | | | | | | | | |
| 69 71 | | | | | | | | b | | | | | | | | 70 |
| 71 | | | | | | | | C | | | | | | | | 72 |
| 73 | | | | | | | | a | | | | | | | | 74 |
| 75 | | | - | | | | | b | | | | | | | | 76 |
| 77 | | | | | | | | С | | | | | | | | 78 |
| 79 | | | | | | | | a | | | | | | | | 80 |
| 81 | | | | | | | | b | | | | | | | | 82 |
| 83 | | | | | | | | С | | | | | | | | 84 |
| OTES: | | | | | | | | Total | 14.06 | | | | | | Phase A Amps: Phase B Amps: | |
| | | | | | | | | | 12.54 | Connec | ieu KVa | | | | | 105.0 |

41.67 Connected kVa

32.64 Demanded Kva

| PANEL HMS1 (CIRCUIT #2) | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|--------------------|--------------|------|------|------|------|--------|-------|--------|-------------------------------------|--------|---------|-----|-------------------------|-------|--|--|
| Volts: | 480/277 | Bus: 225A | | | | | | Poles: | 42 | | Remarks: FED FROM MAIN SWBD. | | | | | | | |
| hase: | 3 | | Mtg: SURFACE | | | | | | | | | | | | | | | |
| Wire: | 4 | AIC: 14,000 | | | | | | | | | | | | | | | | |
| CKT | FOR | CIRCUITING | | | BRE | AKER | | LOAD | | | BREAKER | | RCUITIN | IG | FOR | СКТ | | |
| | | NO | SIZE | C. | POLE | AMP | KVA | phase | KVA | AMP | POLE | C. | SIZE | NO | | | | |
| 1 | FCU-M-1 & 6 | 2/1 | 12/12 | 3/4" | 1 | 15 | 2.11 | a | 2.83 | 15 | 1 | 3/4" | 12/12 | 2/1 | FCU-M-10-12 | 2 | | |
| 3 | FCU-M-13-16 | 2/1 | 12/12 | 3/4" | 1 | 15 | 1.77 | b | 1.77 | 15 | 1 | 3/4" | 12/12 | 2/1 | FCU-M-17-20 | 4 | | |
| 5 | FCU-M-21-24 | 2/1 | 12/12 | 3/4" | 1 | 15 | 1.77 | С | 1.77 | 15 | 1 | 3/4" | 12/12 | 2/1 | FCU-M-25-28 | 6 | | |
| 7 | FCU-M-2 | 2/1 | 12/12 | 3/4" | 1 | 15 | 1.86 | a | 1.86 | 15 | 1 | 3/4" | 12/12 | 2/1 | FCU-M-3 | 8 | | |
| 9 | FCU-M-4 | 2/1 | 12/12 | 3/4" | 1 | 15 | 1.86 | b | 1.86 | 15 | 1 | 3/4" | 12/12 | 2/1 | FCU-M-5 | 10 | | |
| 11 | FCU-M-7 | 2/1 | 12/12 | 3/4" | 1 | 15 | 1.86 | С | 1.86 | 15 | 1 | 3/4" | 12/12 | 2/1 | FCU-M-9 | 12 | | |
| 13 | FCU-M-29-31 | 2/1 | 12/12 | 3/4" | 1 | 15 | 1.33 | а | | | | | | | | 14 | | |
| 15 | | | | | | | | b | | | | | | | | 16 | | |
| 17 | | | | | | | | С | | | | | | | | 18 | | |
| 19 | | | | | | | | а | | | | | | | | 20 | | |
| 21 | | | | | | | | b | | | | | | | | 22 | | |
| 23 | | | | | | | | С | | | | | | | | 24 | | |
| 25 | | | | | | | | а | | | | | | | | 26 | | |
| 27 | | | | | | | | b | | | | | | | | 28 | | |
| 29 | | | | | | | | С | | | | | | | | 30 | | |
| 31 | | | | | | | | а | | | | | | | | 32 | | |
| 33 | | | | | | | | b | | | | | | | | 34 | | |
| 35 | | | | | | | | С | | | | | | | | 36 | | |
| 37 | | | | | | | | а | 10.88 | 80 | 3 | 1 1/4" | 4/8 | 3/1 | 45 KVA XFMR | 38 | | |
| 39 | | | | | | | | b | 10.88 | _ | - | - | - | - | - | 40 | | |
| 41 | | | | | | | | С | 10.88 | _ | - | - | _ | _ | - | 42 | | |
| NOTES: | • | | | | | • | | Total | 20.87 | Connec | ted kVa | | | | Phase A Amps: | | | |
| | | | | | | | | | 18.14 | | ted kVa | | | | Phase B Amps: | | | |
| | | | | | | | | | 18.14 | | ted kVa | | | | Phase C Amps: | | | |
| | | | | | | | | | 57.15 | | | | | | Average Connected Amps: | | | |
| | | | | | | | | | 57.15 | | ded Kva | | | | Average Demand Amps: | 68.77 | | |

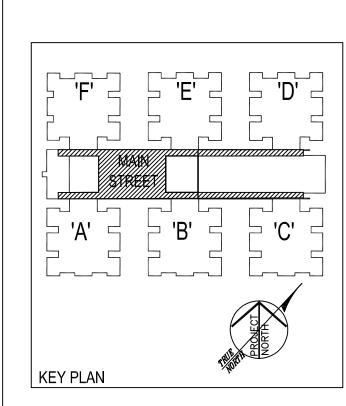
| Volts: | 208/120 | | Poles: | 42 | | Remarks: EXISTING | | | | | | | | | | |
|---------|-------------------------------|------------|--------|-------|------|--------------------------|------|-------|----------|---------|---------|------------|-------|-----|--------------------------------|-------|
| Phase: | e: 3 Main: 175A | | | | | | | Mtg: | EXISTING | | | | | | | |
| Wire: | 4 | | IG | | | | | | | | | | | | | |
| СКТ | FOR | CIRCUITING | | | BREA | AKER | | LOAD | | BREAKER | | CIRCUITING | | | FOR | СКТ |
| | | NO | SIZE | C. | POLE | AMP | KVA | phase | KVA | АМР | POLE | C. | SIZE | NO | | |
| 1 | EXISTING | EX. | EX. | EX. | 1 | 20 | 1.00 | a | 1.00 | 20 | 1 | EX. | EX. | EX. | EXISTING | 2 |
| 3 | EXISTING | EX. | EX. | EX. | 1 | 20 | 1.00 | b | 1.00 | 20 | 1 | EX. | EX. | EX. | EXISTING | 4 |
| 5 | EXISTING | EX. | EX. | EX. | 1 | 20 | 1.00 | С | 1.00 | 20 | 1 | EX. | EX. | EX. | EXISTING | 6 |
| 7 | EXISTING | EX. | EX. | EX. | 1 | 20 | 1.00 | a | 1.00 | 20 | 1 | EX. | EX. | EX. | EXISTING | 8 |
| 9 | EXISTING | EX. | EX. | EX. | 1 | 20 | 1.00 | b | 1.00 | 20 | 1 | EX. | EX. | EX. | EXISTING | 10 |
| 11 | EXISTING | EX. | EX. | EX. | 1 | 20 | 1.00 | С | 1.00 | 20 | 1 | EX. | EX. | EX. | EXISTING | 12 |
| 13 | EXISTING | EX. | EX. | EX. | 1 | 20 | 1.00 | a | 1.00 | 20 | 1 | EX. | EX. | EX. | EXISTING | 14 |
| 15 | EX. LTG: COTTAGE C | 2/1 | 12/12 | 12/12 | 1 | 20 | 0.68 | b | 0.50 | 20 | 1 | 3/4" | 12/12 | 2/1 | EX. LTG: EXTERIOR | 16 |
| 17 | EM/EXIT LTS MAIN ST* | 2/1 | 12/12 | 12/12 | 1 | 20 | 0.40 | С | | - | 1 | - | - | - | SPACE | 18 |
| 19 | SPACE | - | - | - | 1 | - | | a | | - | 1 | - | - | - | SPACE | 20 |
| 21 | SPACE | - | - | - | 1 | - | | b | | - | 1 | - | - | - | SPACE | 22 |
| 23 | SPACE | - | - | - | 1 | - | | С | | - | 1 | - | - | - | SPACE | 24 |
| 25 | EXISTING | EX. | EX. | EX. | 1 | 60 | 5.00 | a | 5.00 | 60 | 3 | EX. | EX. | EX. | EXISTING | 26 |
| U | | | | | | | 5.00 | b | 5.00 | | | | | | | 28 |
| 29 | | | | | | | 5.00 | С | 5.00 | | | | | | | 30 |
| 31 | SPACE | - | - | - | 1 | - | | a | | - | 1 | - | - | - | SPACE | 32 |
| 33 | SPACE | - | - | - | 1 | - | | b | | - | 1 | - | - | - | SPACE | 34 |
| 35 | SPACE | - | - | - | 1 | - | | С | | - | 1 | - | - | - | SPACE | 36 |
| 37 | EXISTING | EX. | EX. | EX. | 1 | 60 | 5.00 | а | | - | 1 | - | - | - | SPACE | 38 |
| 39 | | | | | | | 5.00 | b | | - | 1 | - | - | - | SPACE | 40 |
| 41 | | | | | | | 5.00 | С | | - | 1 | - | - | - | SPACE | 42 |
| NOTES: | | | | | | | | Total | 21.00 | Connec | ted kVa | | | | Phase A Amps: | |
| *PROVID | DE NEW BREAKER. | | | | | | | | 20.18 | Connec | ted kVa | | | | Phase B Amps: | |
| | | | | | | | | | 19.40 | Connec | ted kVa | | | | Phase C Amps: | |
| | | | | | | | | | 60.58 | Connec | ted kVa | | | | Average Connected Amps: | 168.2 |

Min Circuit Amps: 224.14



Little Sisters of the Poor

601 Maiden Choice Lane Baltimore, MD 21228



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Professional Certification: I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland.

CONSTRUCTION DOCUMENTS

License No: 9473 Expiration Date: 04/07/17

Number Description
2 ADDENDUM #2 3.30.2016 5.09.2016 CONSTRUCTION SET

03/04/16 Project Number:

> ELECTRICAL SCHEDULES

> > E-601