RELOCATE COMMUNITY LIVING CENTER

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GENERAL CONSTRUCTION NOTES

1. SPRINKLER DESIGN BASED ON FIRE PROTECTION DRAWINGS AND SPECIFICATIONS AS SUBMITTED BY THE M.E.P. ENGINEERS WILL BE SUBJECT TO AN INDEPENDENT REVIEW BY A CERTIFIED REVIEWER. THE COTR IS RESPONSIBLE FOR MAKING ALL ARRANGEMENTS FOR THIS INDEPENDENT REVIEW.

2. ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE OR, NATIONAL CODES, RULES, ORDINANCES AND REGULATIONS INCLUDING THE AMERICAN DISABILITIES ACT (ADA) AND THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) GUIDELINES.

3. IT IS INTENDED THAT THE DOCUMENTS INDICATE A NEW FINISH (I.E. PAINT, ACOUSTIC CEILING, FLOOR TILE, ETC.) ON ALL EXPOSED SURFACES OF THE BUILDING. WHERE A SPECIFIC FINISH IS NOT INDICATED AT ANY GIVEN LOCATION THE CONTRACTOR SHALL PROVIDE THE FINISH INDICATED FOR OTHER SIMILAR SURFACES.

4. THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE SHALL PROVIDE TEMPORARY SERVICES REQUIRED TO FACILITATE THE WORK INDICATED, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: POWER, LIGHTING, HEAT, AND WATER.

5. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE OF ANY WORK WHICH MIGHT REQUIRE INTERRUPTION OF UTILITY SERVICES CAUSE NOISE, OR CREATE VIBRATION. PRIOR TO THE COMMENCEMENT OF THIS WORK THE CONTRACTOR'S WORK AND SCHEDULE SHALL BE APPROVED AND COORDINATED BEFORE HAND WITH THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE AND/OR ARCHITECT. SEE GENERAL CONDITIONS FOR FURTHER DETAIL.

6. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE SPECIFICATIONS, INCLUDING ALL GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS, AND MATERIAL AND CONSTRUCTION PROVISIONS, WHICH APPLY TO MATERIALS OR CONSTRUCTION METHODS REQUIRED BY THIS PROJECT.

7. PRIOR TO BIDDING, THE GENERAL CONTRACTOR SHALL VISIT SITE, EXAMINE, AND ACCEPT ALL EXISTING CONDITIONS. DATES FOR SITE VISITS WILL BE POSTED IN THE SPECIFICATIONS. UNSCHEDULED VISITS WILL NOT BE ALLOWED.

8. DO NOT PAINT ANY CAULKING OR SEALANTS WHICH ARE SUBJECT TO MOVEMENT - CONTROL JOINTS SHALL BE CAULKED AFTER PAINT AND SPECIAL COATING APPLICATIONS. PROVIDE CAULKING OR SEALANTS IN COLORS WHICH MATCH ADJACENT FINISHED SURFACE COLORS.

9. VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE FABRICATING ANY MATERIALS.

10. ALL EXISTING CONSTRUCTION TO REMAIN (INCLUDES THE ATTIC FLOOR) THAT ARE DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE PATCHED OR RESTORED AS REQUIRED TO MATCH EXISTING ADJACENT CONSTRUCTION UNLESS OTHERWISE INDICATED. CONTRACTOR TO PATCH AND REPAIR EXISTING CONSTRUCTION REMOVED OR DISTURBED BY WORK UNDER THEIR CONTRACT TO MATCH EXISTING ADJACENT UNLESS OTHERWISE NOTED.

11. IT IS THE INTENT OF THE DOCUMENTS TO INDICATE COMPLETE AND OPERATIONAL SYSTEMS (I.E. STRUCTURAL, HVAC, PLUMBING, ELECTRICAL AND ETC.). THE CONTRACTOR SHALL PROVIDE THE SYSTEMS AS OPERATIONAL SYSTEMS WHICH COMPLY WITH APPLICABLE CODES AND REGULATIONS. THIS NOTE SHALL BE LIMITED TO THE SYSTEMS AS INDICTED BY THE DOCUMENTS AND SHALL NOT INCLUDE CHANGES TO THE SYSTEMS WHICH ALTER INDICATED CAPACITIES, OPERATIONAL CHARACTERISTICS, ETC.

12. THE GENERAL CONTRACTOR SHALL PROVIDE FIRE-RETARDANT TREATED 2X BLOCKING IN THE STUD CAVITY AT ALL LOCATIONS REQUIRED TO PROVIDE SOLID ANCHORAGE OF WALL SUPPORTED ITEMS INDICATED BY THE DRAWINGS, INCLUDING BUT NOT LIMITED TO: GRAB BARS, SHELVING, CABINETS, AND KITCHEN EQUIPMENT.

13. ALL WOOD BLOCKING, MISC. FRAMING, PANELS, ETC THAT ARE TO BE USED SHALL BE FIRE-RETARDANT TREATED.

14. THE GENERAL CONTRACTOR SHALL CONTACT THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE FOR INFORMATION CONCERNING ALL SIGNAGE WHICH SHALL BE PROVIDED BY THE OWNER, AND SHALL MAKE PROVISIONS FOR INSTALLATION OF SUCH SIGNAGE, INCLUDING VERIFICATION OF DIMENSIONS (ADEQUATE SPACE AT THE DESIRED INSTALLATION LOCATION), AND SHALL BRING ANY CONFLICTS TO THE ATTENTION OF THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE AND THE ARCHITECT.

15. THE GENERAL CONTRACTOR SHALL CONTACT THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE TO VERIFY THE SIZES OF ALL EQUIPMENT OR FIXTURES TO BE INSTALLED IN THE BUILDING, AND SHALL MAKE SPECIAL PROVISIONS FOR INSTALLATION OF ANY EQUIPMENT WHICH IS TOO LARGE TO FIT THROUGH A FINISHED OPENING.

16. ALL CONTRACTORS SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL SURFACES WHERE EXISTING CONSTRUCTION IS REMOVED OR DISTURBED BY WORK UNDER THEIR CONTRACT.

17. THE CONTRACTOR IN CONJUNCTION WITH HIS WORK SHALL BE RESPONSIBLE TO PATCH AND REPAIR ALL EXISTING SUBSTRATES AND FINISHES INCLUDING BUT NOT LIMITED TO EXISTING WALLS, FLOORS, BASES, WAINSCOTS, CEILINGS, WINDOWS, WINDOW TRIM, WOOD WORK, DOORS, FRAMES, ETC. (UNLESS INDICATED OTHERWISE) AND PREPARE AREAS AS REQUIRED FOR NEW CONSTRUCTION FINISHES. WHERE WORK IS PERFORMED AND NO FINISH IS SPECIFICALLY INDICATED THE CONTRACTOR IS RESPONSIBLE TO PATCH, REPAIR AND PAINT TO MATCH ALL EXISTING ADJACENT MATERIALS, FINISH AND PAINT ALL WORK TO PROVIDE A COMPLETE, FINISHED, WORKMANLIKE JOB, ALL SUBJECT TO THE APPROVAL OF THE ARCHITECT.

18. PATCH ALL EXISTING WALLS AND CEILINGS THAT ARE TO REMAIN (EXCEPT WHERE NOTED) AS REQUIRED TO PROVIDE A SOUND BASE FOR NEW FINISHES SUCH AS PAINT, ETC. ALL PATCHING TO MATCH EXISTING ADJACENT SURROUNDING AREAS AND SURFACES.

19. IN ADDITION TO SPECIFIC REQUIREMENTS, THE GENERAL INTENT OF PAINTING AND TRANSPARENT FINISHES IS AS FOLLOWS: WHERE SURFACES ARE INDICATED TO BE PAINTED OR TRANSPARENT FINISH APPLIED, ALL OPENINGS, NEW AND EXISTING, INCLUDING WINDOWS, DOORS, FRAMES, TRIM, BASE, ETC. SHALL BE FINISHED OR REFINISHED IN CONJUNCTION WITH SURROUNDING WORK. WHERE SURFACES ARE NOT INDICATED TO BE PAINTED OR TRANSPARENT FINISH APPLIED IN THIS CONTRACT, ITEMS OF NEW WORK OR REPAIR WORK ONLY SUCH AS WALLS, CEILING, DOORS, FLOORS, WINDOWS, ETC., SHALL BE FINISHED TO MATCH EXISTING ADJACENT FINISHES. EXISTING ADJACENT FINISH SHALL REMAIN. SEE ROOM FINISH SCHEDULE AND DOOR SCHEDULE FOR FINISHES. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL FINISHES WITH THE ARCHITECT PRIOR TO EXECUTION OF THE WORK.

20. ALL SUSPENDED ITEMS SUCH AS CEILINGS, DUCTS, PIPES, CONDUITS, ETC., SHALL BE SUSPENDED (ATTACHED) DIRECTLY TO STRUCTURE OR EXISTING PLASTER SUSPENSION SYSTEM, AND SHALL NOT BE ATTACHED OR ANCHORED TO EXISTING PLASTER, ACOUSTIC TILE, ETC.

21. ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY IN THE FIELD. NEW PARTITIONS SHALL BE LOCATED AS INDICATED BY THE DIMENSIONS. WHERE NO DIMENSION IS INDICATED, PARTITIONS, ETC. SHALL BE LOCATED FROM EXISTING COLUMNS, WINDOWS, PARTITIONS, DOORS, ETC. AS INDICATED ON THE PLANS. ALL NEW PARTITIONS SHALL BE LOCATED IN THE FIELD AND APPROVED BY THE ARCHITECT BEFORE ANY CONSTRUCTION IS STARTED.

22. ALL PENETRATIONS SUCH AS NEW OR EXISTING DUCTS, CONDUITS, PIPING, ELECTRICAL OUTLETS, LIGHT SWITCHES, RECESSED DEVICES OR ITEMS, HOLES, VOIDS, CRACKS, ETC. IN ALL EXISTING, MODIFIED AND NEW CORRIDOR WALLS, SMOKE PARTITIONS, AND FLOOR SLABS SHALL BE SEALED TO PREVENT PASSAGE OF ANY SMOKE, FLAME, GASES, ETC., SEE PLUMBING/HVAC, FIRE PROTECTION, ELECTRICAL, ETC. DRAWINGS AND SPECIFICATIONS.

23. WHERE NEW CONSTRUCTION REQUIRES CORE DRILLING THROUGH EXISTING STRUCTURAL CONCRETE FLOOR SLABS, THE CONTRACTOR SHALL COORDINATE HIS DRILLING WORK TO AVOID DRILLING INTO A STRUCTURAL ELEMENT, INCLUDING BEAMS, COLUMNS, ETC. ALSO SEE PLUMBING, HVAC, FIRE PROTECTION, ELECTRICAL, ETC. DRAWINGS AND SPECIFICATIONS.

24. WHERE NEW CONSTRUCTION (I.E. DOORS, FRAMES, CASEWORK, EQUIPMENT, ETC.) IS INDICATED TO BE INSTALLED IN EXISTING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS FOR PROPER FIT AND FOR ACCESS INTO THE BUILDING PRIOR TO SHOP DRAWING SUBMITTAL, ORDERING AND DELIVERING TO THE SITE.

* PLEASE NOTE C.O.T.R. = CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE. THIS IS USED IN LIEU FOR THE TERM OWNER.*

VICINITY MAP

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GRAPHIC SYMBOLS

ELEVATION	CEILING HEIGHT/ FINISH DESIGNATION
SECTION/DETAIL NUMBER DRAWING NUMBER	COLUMN GRID
NOTE	ROOM NUMBER
BEARING	WINDOW OPENING
REVISION	DOOR OPENING

RELOCATE COMMUNITY LIVING CENTER

FOR:
DEPARTMENT OF VETERANS AFFAIRS
3200 VINE STREET
CINCINNATI, OHIO 45220

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01/30/09 Bid Set

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STATE OF OHIO
JOHN A. POE
6549
REGISTERED ARCHITECT

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VA PROJECT NO. 539-316
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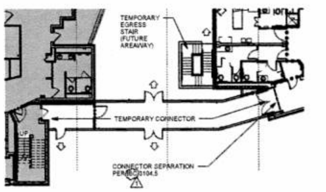
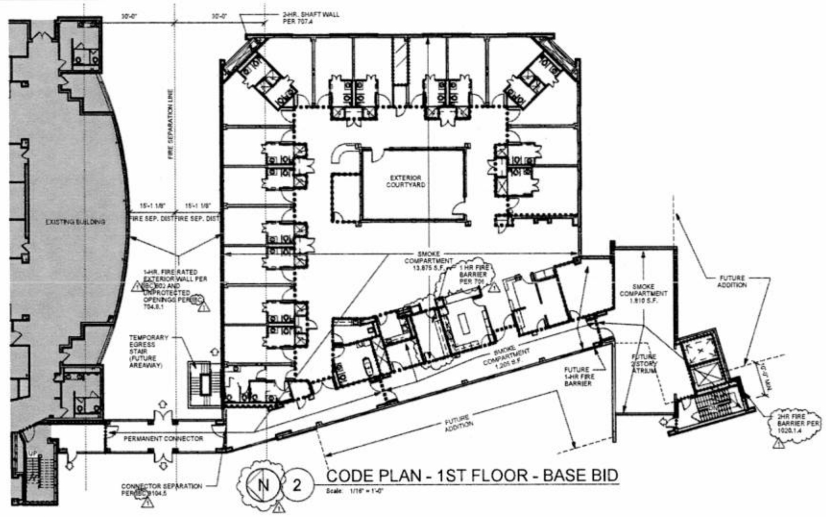


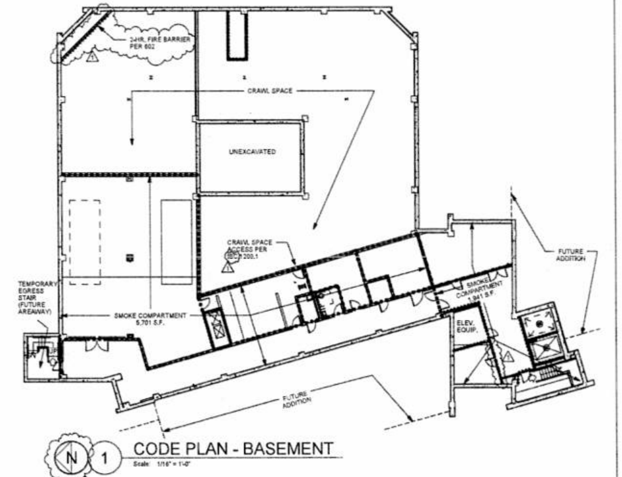
CODE PLAN - 1ST FLR. ALTERNATE

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



CODE PLAN - 1ST FLOOR - BASE BID

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



CODE PLAN - BASEMENT

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

2006 International Building Code Review

Chapter 3 - Use and Occupancy Classification
- Section 302 - Classification - Use Group is I-2, Nursing Home.

Chapter 4 - Special Detailed Requirements Based on Use and Occupancy
- Section 404.3-Atriums-Automatic Sprinkler Protection- AFSS shall be installed through entire building. [FUTURE ATRIUM]
- Section 404.4-Atriums-Smoke Control-Smoke control system shall be installed per 909. Exception: Smoke control not required in atriums connecting only 2 stories [FUTURE ATRIUM].
- Section 404.5-Enclosure of Atriums-Atrium shall be separated from adjacent spaces by 1-Hr. Fire Barrier per 706 [FUTURE ATRIUM].
- Section 407.2- I-2 Corridors - Corridors shall be continuous to exits and separated from other areas except where:
  - o The spaces are not occupied for sleeping units, treatment rooms, hazardous or incidental use areas.
  - o The open space is protected by an automatic fire detection system.
  - o The corridors onto which the spaces open, in the same smoke compartment, are protected by an automatic fire detection system or the smoke compartment in which the spaces are located is equipped throughout with quick-response sprinklers.
  - o The space is arranged so as not to obstruct access to the req'd exits.
- Section 407.2.2 Nurses Stations - Shall be permitted to be open to the corridor, when such spaces are constructed as required for corridors.
- Section 407.3 - I-2 Corridor Walls - Corridor walls shall be constructed as smoke partitions per 710.
- Section 407.3.1 - I-2 Corridor Door - Other than rated door per 508.2, 0-hr rating and closers not required. (shall still limit smoke)
- Section 407.4 - I-2 Smoke Barriers
  - o Two separate compartments required @:
    - § Each story with patient sleep/treatment
    - § Each story >50 occupants
  - o Each compartment < 22,500 SF
  - o 200' max travel distance to smoke barrier door.
  - o Smoke barrier shall be per 709 (1-HR).
- Section 407.5- I-2 -Automatic Sprinkler System - Required.
- Section 407.6 - I-2 - Automatic fire detection -Required.

Chapter 5 - General Building Heights and Areas
- Table 503 - Allowable Height and Building Areas
  - o Use Group I-2/Const. Type 1B:
    - § Allowable Height: 4 stories, 160'
    - § Allowable Area: Unlimited

  Note: This project is the first of a multi-phased building.
  Completed building: 100,500 s.f. 4-stories (including basement)
- Section 503.1.2 - Buildings on same lot - Two or more buildings on the same lot shall be regulated as separate buildings or shall be considered as portions of one building if the height of each building and the aggregate area of buildings are within the limitations - (Separate Buildings).
- Section 504.2 - Auto. Spr. System increase - Where equipped throughout with AFSS, the value spec'd. in Table 503 is increase by 20' and 1 story:
  - o Use Group I-2/Const. Type 1B:
    - § Adjusted Allowable Height: 5 stories, 180'
- Table 508.2 - Incidental Use Areas
  - o Furnace room (> 400,000 Btu) - 1-hr. fire barrier or AFSS w/ smoke partitions.
  - o Boiler room (>15 psi and 10 hp) - 1-hr. fire barrier or AFSS w/ smoke partitions.
  - o Storage rooms > 100 s.f. - 1-hr. fire barrier or AFSS w/ smoke partitions.
  - o Laundry rooms > 100 s.f.- 1-hr. fire barrier or AFSS w/ smoke partitions.
  - o Group I-2 Waste and linen collection rooms - 1hr. fire barrier per 706.
- Section 508.3.2 - Non-Separated Occupancies -
  - o The most restrictive height and area limitations for the construction type listed shall apply to the entire building. The most restrictive fire protection system (fire alarm, fire detection, and auto. sprinkler system) shall apply to the entire building.

Chapter 6 - Types of Construction
- Table 601 - Fire-resistance ratings for Building Elements:
  - o Fire Resistance Ratings (Type 1B)
    - § Structural Frame: 2 hr (1hr if roof support only)
    - § Bearing walls: NA
    - § Non-Bearing Walls and partitions: See Table 602
    - § Floor construction -including supporting beams and joists: 2 hr
    - § Roof construction -including supporting beams and joists: 1 hr [FUTURE FLOOR SLAB SHALL BE 2-HR.]
- Table 602 - Exterior Wall Fire Rating Based on Fire Separation
  - o Fire Resistance Rating (Type 1B, Group I)
    - § 10 ≤ X < 30 ft = 1 hr.
    - § X ≥ 30 ft = 0 hr.

Chapter 7 - Fire Resistance-Rated Construction
- Section 704.3 - Buildings on the Same Lot - Buildings on the same lot shall be assumed to have an imaginary line between them. The exterior wall and opening protection of the existing building shall meet criteria per 704.5 and 704.8.
- Section 704.5 - Fire Resistance Ratings - Exterior walls shall be rated per Tables 601 and 602.
  - o Fire Separation distance > 5' = rated for exposure from the inside.
  - o Fire Separation distance ≤ 5' = rated for exposure from both sides.
- Section 704.8 - Allowable area of openings:
  - o New Building - actual area of unprotected opg's. (15'-20' fire sep. dist):
    - § 256 s.f. (area of opg's) ÷ 1,628 s.f (wall area) = 15.7%.
  - o Exist. Building - actual area of unprotected opg's. (15'-20' fire sep. dist):
    - § 248 s.f. (area of opg's) ÷ 863 s.f (wall area) = 28.7%.
  - o Allowable area of unprotected openings per Table 704.8:
    - § (>15' - 20') = 75% with AFSS per 704.8.1.
    - § (>20' to 25') = No Limit with AFSS per 704.8.1.
- Section 707.1 - General-Shafts - Shaft enclosures shall be Fire Barriers per 706. Horiz. Assemblies per 711, or both.
- Section 707.2 - Shaft Enclosure Required - Openings through a floor/ceiling assembly shall be protected by a shaft enclosure.
- Section 707.4 - Fire-resistance rating- Shafts
  - o Connecting 4 or more stories (incl. basement) = 2 hr. min. [FUTURE 4 STORIES]
  - o Connecting less than 4 stories = 1 hr. min.
  - o Not less than the floor assembly penetrated (2 hr. per 601).
- Section 707.11 - Enclosure at Bottom of Shafts - Shafts that do not extend to bottom of the building shall:
  - o Terminate in a related room. Room is separated by 2 hr fire barriers.
  - o OR, Be protected by approved dampers at lowest level within shaft.
  - o Exception #1: Rated room separation at bottom of shaft not req'd., provided:
    - § No other penetrations through the shaft to the interior of the bldg.
    - § The bottom of shaft shall be closed off with approved draft-stopping OR the room shall be protected with an AFSS.
- Section 707.14.1 - Elevator Lobby - Enclosed elevator lobby req'd.at each floor where elevator connects more than 3 stories [FUTURE 4 STORY SHAFT].
  - o Exception #4: Enclosed elevator lobbies not req'd. where protected by an AFSS.
- Section 715.3 - Fire Door Rating
  - o Fire Barrier, 2-hr. rated (other): 1 ½ hr. rated door.
  - o Fire Barrier, 1-hr. rated (other): ¾ hr. rated door.
  - o Fire Partition, 1-hr. rated (other): ¾ hr. rated door.
  - o Smoke Barrier, 1hr rated: 1/3 hr. rated door
- Section 717.5 Combustibles in Concealed Spaces in Types I and II Construction - Combustible materials are not permitted in concealed spaces in Type I or II construction. See exceptions.

Chapter 8 - Interior Finishes
- Table 803.1 - General
  - o Class B: Flame Spread 26-75; smoke developed 0-450
  - o Class C: Flame Spread 76-200; smoke developed 0-450
  - o Exception: Materials, other than textiles, tested per 803.2
- Table 803.5 - Interior Wall and Ceiling Finish Req'ts by Occupancy
  - o Group I-2, Sprinkled:
    - § Vertical exits enclosures, exit passageways, corridors or other exit ways shall be minimum Class B finishes.
    - § Rooms and enclosed spaces shall be minimum Class B finishes.
    - § Administrative spaces and spaces with capacity fewer than 4 occupants shall be minimum Class C.

Chapter 9 - Fire Protection Systems
- Section 903 - Automatic Sprinkler System - Required.
- Section 905 - Standpipe Systems - Not Required.
- Section 906 - Fire Extinguishers - Required. Locate per requirements of the International Fire Code.
- Section 907.2.6 - Fire Alarm and Detection Systems Group I - A manual fire alarm system is required. An electronically supervised, automatic smoke detection system is also required.
  - o Exception: Manual F.A. boxes not req'd. in resident/patient sleeping area exits if located in Nurse's control stations.
- Section 907.2.6.2 - Group I-2 - Corridors in nursing homes and spaces permitted to be open to the corridors per 407.2 shall be equipped with an auto. fire detection system.

Chapter 10 - Means of Egress
- Section 1004.1.1 - Design Occupant Load
- Basement:
  - o Mechanical - 4,284 s.f. @ 300 s.f. /occup. 15 occup.
  - o Corridors, toilets, stairs, elev's., crawl space 0 occup.
- First Floor:
  - o Instit.-Sleeping areas - 15,464 @ 120 s.f./occup 129 occup.
  - o Total Occupants 144 occup.
- Table 1005.1 - Egress Width Per Occupant Served with Sprinkler System
  - o Occupancy I-2, Sprinkled:
    - § Stairways - .3" per occup.
    - § Other egress components - .2" per occup.
  - o Occupancies other than H and I-2: NA
- Section 1007.1 - Accessible means of Egress - All accessible spaces shall have at least one accessible means of egress. Where more than one means of egress is req'd. per 1015.1 or 1019.1 from any accessible space, each accessible portion shall be served by at least two accessible means of egress.
- Section 1007.2 - Continuity and components - Each accessible means of egress shall be continuous to a public way.
  - o Exception #2: Where exit stairway is open to the exterior, the accessible means of egress shall include either:
    - § Area of refuge per 1007.6
    - § OR, an Exterior area for assisted rescue per 1007.8
- Section 1007.3 - Exit Stairways-Accessible Means of Egress
  - o Minimum 48" clear between handrails
  - o Exception #3: Clear width of 48" between handrails is not req'd. in buildings equipped throughout with an AFSS.
- Section 1008.1.1 Size of Doors - Means of egress door in I-2 used for the movement of beds shall provide a clear width not less than 41.5".
- Section 1014.2.2 - Group I-2 - Exit Access - Habitable rooms in Group I-2 occupancies shall have an exit door leading directly to a corridor. Maximum travel distance between any point in a Group I-2 and an exit access door in the room is 50 feet.
- Section 1014.3 - Common Path of Egress Travel - 75 foot maximum. 100 foot maximum in areas with occupancy in Groups B with AFSS.
- Table 1016.1 - Exit Access Travel Distance - Travel distance in Use Group I-2 with sprinkler system is 200'.
- Table 1017.1 - Corridor Fire-Resistance Rating - Corridors in Use Group I-2 with sprinkler system is 0 hour (per 407.3).
- Section 1017.3 - Dead End - Corridors - 20 foot max.
- Section 1020.1 - Vertical Exit Enclosures
  - o Shall be enclosed with Fire Barriers per 706
    - § Connecting 4 or more stories (incl. basement.) = 2 hr. [FUTURE 4 STORIES]
- Section 1020.1.1 - Openings and penetrations
  - o Exit enclosure openings shall be per 715 (2 hr fire barrier = 1-1/2 hr door).
- Section 1020.1.4 - Exit enclosure exterior walls
  - o Shall comply with 704 for exterior walls (fire rated per 601 and 602).
  - o Where non-rated, exterior stair enclosure walls are exposed to other parts of the bldg. < 180°, the building exterior walls within 10' horiz. shall be fire-rated 1 hr. min.
- Section 1020.1.7 - Smoke-proof enclosures of stairways - Not required.

Chapter 11 - Accessibility
- Section 1104.1 - Site Arrival Points - Accessible route within the site shall connect accessible entrances, accessible parking, accessible passenger loading zones, and public streets or sidewalks to the accessible building entrance.
- Section 1105.1 - Accessible Entrances - At least 60% of entrances shall be accessible.
- Section 1107.5.2 - I-2 nursing home - Dwelling Units - Accessible units and Type B units required as follows:
  - o Section 1107.5.2.1 - Accessible Units - 50% min. shall be Accessible (Actual = 100%)
  - o Section 1107.5.2.2 -Type B - Structures with 4 or more sleeping units occupied as a residence. 100% of sleeping units shall be Type B (Actual = 100% Accessible).
- Section 1109.4 - Kitchens - Where provided in accessible spaces or rooms, kitchens shall be accessible per ADAAG.

Chapter 12 - Interior environment
- Section 1206.3 - Courts - Courts with window openings on opposite side shall be minimum 6'W x 10'L. Buildings more than two stories [FUTURE 3 STORIES] = 7'W x 12' L.
- Section 1208.2 - Minimum ceiling heights
  - o Habitable Spaces and corridors = 7'-6" min.
  - o Bath, toilet, kitchens, storage, and laundry rooms = 7'-0" min.
- Section 1209.1 - Crawl Space Access - One 18" x 24" opening min.

Chapter 29 - Plumbing Systems
- Table 2902.1 - Minimum Number of Plumbing Facilities - Plumbing fixture count for building shall relate to the following occupancy:

Use Group	W.C.'s	Lav's	Shwr/Tubs	D.F.'s
I-2				
(Patients)	1 / rm.	1 / rm.	1 / 15 people	1 / 100
(Employees)	1 / 25 people	1 / 35 people	-	-
(Visitors)	1 / 75 people	1 / 100 people	-	1 / 500
I-2 - Patients	= 16 patients			
Required:	16/1= 16 wc	16/1=16 lavs	16/15=2 shwr.	16/100=.16 d.f.
Provided:	17 wc	17 lavs	16 shwr, 1 tub	
I-2 - Employees	= 65 occup's			
Req'd (Men):	33/25= 1.32 wc	65/35=1.86 lavs	-	65/100=.65 d.f.
Req'd (Women):	33/25= 1.32 wc			
I-2 - Visitors	= 100 occup's			
Req'd (Men):	50/75= .67 wc	100/100=1 lav	-	100/500=.2 d.f.
Req'd (Women):	50/75= .67 wc			
Req'd: (Empl+Visitors)	3.98 or 4 wc's	2.86 or 3 lavs	-	1.01 or 1 d.f.
Provided:	4 wc	3 lavs	-	1 d.f. (bi-lvl)

- Section 2902.2 - Separate facilities - separate facilities shall be provided for each sex.
  - o Exception #2: Separate facilities not req'd w/ 15 or less occupants [BASEMENT]

Chapter 30 - Elevators and Conveying Systems
- Section 3002.1 - Hoistway enclosure protection - Shaft enclosures per 707 (2-Hr.)
- Section 3004.1 - Vents Req'd - Smoke venting req'd in hoistways penetrating more than 3 stories (NOT REQUIRED).
- Section 3006.2 - Machine Rooms - Venting - Elevator machine rooms w/ solid-state equipment shall be provided with an independent ventilation or a.c. system.
- Section 3006.4 - Machine Rooms - Elevators - Fire Barrier per 706 having fire-resistance rating not less than the hoistway enclosure served by the machinery (2-Hr).

Chapter 31 - Special Construction
- Section 3104.2 - Separate Structures - Pedestrian Walkways - Connected buildings shall be considered to be separate structures.
- Section 3104.3 - Construction - The pedestrian walkway shall be of noncombustible construction.
- Section 3104.5 - Fire Barriers between pedestrian walkways and buildings - 2-hr. min. fire-barriers req'd.. Fire-resistance rating of separating wall not required when:
  - o Exception #1: Distance between connected buildings > 10', connector and connected buildings equipped with AFSS, and separating wall and doors are constructed of tempered glass subject to:
    - § Glass protected by AFSS to wet entire surface of interior sides of glass.
    - § Glass is in gasketed frame to allow deflection without breaking.
    - § No obstructions.
- Section 3104.8 - Exit access travel - pedestrian walkways - 200' max.
  - o Exception #1: Pedestrian walkway w/ AFSS = 250' max.

CODE LEGEND

Symbol	Meaning
● ● ● ● ● ● ● ●	0-HR SMOKE PARTITION - IBC 710, NFPA 101-8.4
■ ■ ■ ■ ■ ■ ■ ■	1-HR SMOKE BARRIER - IBC 709, NFPA 101-8.5
■◆■◆■◆■◆■	1-HR FIRE BARRIER - IBC 706, NFPA 101-8.3
◆◆◆◆◆◆◆◆◆	2-HR FIRE BARRIER - IBC 706, NFPA 101-8.3
⇩	MEANS OF EGRESS

Revisions		Date
1	Amendment #1	5/6/09

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CODE DATA

PHASE 1

RELOCATE COMMUNITY LIVING CENTER
PHASE 1

2 | JP | DF

Cincinnati, Ohio

01/30/2009

VA Project No. 539-316
JPA Project No. 04/001

2.1A102

Planning & Design

Department of Veterans Affairs

one eighth inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot

2009 NFPA 101 Life Safety Code Review

Chapter 4 - General
- 4.4.2.2 - Prescriptive-based life safety design meeting the requirements of Chapters 1 thru 3, Sections 4.5 thru 4.8, and Chapters 6 thru 43 of this Code shall satisfy Sections 4.1 and 4.2.
- 4.4.2.3 - Where req'ts in Chapters 11 thru 43 differ from req'ts in Chapters 1 thru 4 and 6 thru 10, the req'ts of Chapters 11 thru 43 shall govern.
- 4.6.1.1 - The authority having jurisdiction (AHJ) shall determine whether the provisions of this Code are met.

Chapter 6 - Classification of Occupancy and Hazard of Contents
- 6.1.5 Health Care (New) - See Chapter 18.
- 6.2.2. - Hazard classif.: Ordinary (high hazard areas protected per 18.3.2.1)

Chapter 7 - Means of Egress
- 7.1.3.2.1 - Exit Separation
  (2) Connecting minimum 4 stories [FUTURE]: 2-hr fire rating
  (7) Openings in separation wall: fire doors with closers per 7.2.1.8.
- 7.1.4.1 - Interior Wall & Ceiling Finish in Exit Encl: Class A or B per 10.2.
- 7.1.4.2 - Interior Floor Finish in Exit Encl: Class II per 10.2.
- 7.2.2.2.1.2 - Minimum new stair width: <2000 occup load = 44" min width.
- 7.2.2.5.2.1 - Stair enclosures: Exposure - Where non-rated walls/openings enclose exterior of a stairway, walls or openings exposed to other parts of the bldg < 180°, the bldg enclosure walls within 10' shall be constructed as req'd for stairway enclosures (2-hr fire-rated).
- 7.2.4.3 - Fire Barriers - Minimum 2-Hr. fire rating.
- 7.2.12 - Areas of Refuge - not req'd as part of an accessible means of egress per 7.5.4.13. See 18.3.7.5.
- 7.3.1 - Occupant Load:
  Basement (current phase):
  Mechanical - 4,284 s.f. @ 300 s.f./occ. = 15 occup.
  (similar to "storage not open to public)
  1st Floor (current phase):
  Healthcare-sleeping depts.-15,464 s.f. @ 120 sf/occ. = 129 occup.
  Total occupants (current phase) = 144 occupants

  Basement (future):
  Mechanical/Storage - 10,827 s.f. @ 300 s.f./occ. = 37 occup.
  Exercise rms w/ equip - 4,355 s.f. @ 50 s.f./occ. = 82 occup.
  Business - 3,170 s.f. @ 100 s.f./occ. = 32 occup.
  1st Floor (future):
  Healthcare-sleeping depts.-28,570 s.f. @ 120 sf/occ. = 238 occup.
  Business - 3,170 s.f. @ 100 s.f./occ. = 32 occup.
  2nd Floor (future):
  Healthcare-sleeping depts.-30,106 s.f. @ 120 sf/occ. = 256 occup.
  3rd Floor (future):
  Business -30,106 s.f. @ 100 sf/occ. = 301 occup.
  Total occupants (future) = 827 occupants
- 7.3.2.2 - Max. projection within means of egress on ea. side: 4-1/2" (38" hgt. max.). Exceptions: See 18.2.3.4.
- 7.3.3.1 - Egress capacity (Health care, sprinkled):
  Stairs - .3" per occup; Level components and ramps - .2" per occup.
- 7.4.1.1 - Min. number of means of egress from any story = 2.
- 7.5.1.2.2 - Corridors not req'd. to be fire-rated shall be permitted to discharge into open floor plan areas.
- 7.5.1.3.3 - Remoteness of exits - Bldgs. protected by AFSS per 9.7, Min. separation distance between 2 exits = 1/3 max. overall diag. dimension of the area or bldg. served.
- 7.5.4.1.3 - Accessible means of egress shall not be req'd. in health care occupancies protected throughout by an AFSS per 9.7.
- 7.12.1(1)(a&b) - Mechanical equip. rms., common path of travel = 100' max.

Chapter 8 - Features of Fire Protection
- 8.3.4.2 - Min Fire Protection for Openings in Fire-rated Assemblies:

Component	Walls	Fire Drs	Fire Window
Elevator hoistways:	2 hr	1-1/2 hr	NP
Vert. shafts (stairs, exits):	2 hr	1-1/2 hr	NP
	1 hr	1 hr	NP
Fire Barriers:	2 hr	1-1/2 hr	NP
	1 hr	¾ hr	NP
Horiz. Exits:	2 hr	1-1/2 hr	NP
Smoke Barriers:	1 hr	1/3 hr	¾ hr

- 8.3.5.1 - Firestop Systems - Penetrations that pass thru a barrier shall be protected by a firestop system or device.
- 8.3.5.7 - Openings thru fire barriers for air-handling ductwork shall be protected per 9.2.1.
- 8.3.6.7.1 - Voids between fire-rated floor assembly and the exterior curtain wall shall be protected with a perimeter joint system per ASTM E 2307.
- 8.4.3.5 - Smoke Partition doors shall be self or auto-closing per 7.2.1.8. Exception: see 18.3.6.3.11).
- 8.5.3 - A Fire Barrier shall be permitted to be used as Smoke Barrier per Section 8.5.
- 8.6.1 Floor Smoke Barriers - Every floor that separates stories in a bldg. shall be constructed as a smoke barrier per 8.5 and shall be permitted opg's. per 8.6.6 thru 8.6.8.
- 8.6.4.1 - Shafts shall be enclosed at lowest or highest level of the shaft per 8.6.5.
- 8.6.5 - Shafts- Req'd Fire Rating:
  Connecting 4 or more stories: 2-hr Fire Barrier.
  Other new shaft enclosures: 1-hr Fire Barrier.
- 8.7.1.3 - Special Hazard Protection - Doors: min. ¾ hr fire rated, self or auto-closing per 7.2.1.8

Chapter 9 - Building Service and Fire Protection Equipment
- 9.6.1.3 - Fire Alarm System req'd for life safety shall be per NFPA70.
- 9.6.3.1 - Occupant notification shall be provided per 9.6.3 and 18.3.4.3.1.
- 9.6.4.1 - Emergency Forces notification req'd per 9.6.4 and 18.3.4.3.2.1.
- 9.6.5.1 - Fire safety functions shall be installed per NFPA 72 as req'd per 9.6.5 and 18.3.4.4.
- 9.6.7.1 - Alarm annunciation is required per 9.6.7 and 18.3.4.3.3.
- 9.7.1.1 - Supervised automatic sprinkler system as req'd by 9.7.1 and 18.3.5.1 shall comply with NFPA 13.

Chapter 10 - Interior Finish, Contents, and Furnishings
- 10.2.3 - Interior Wall or Ceiling Finish - Class A, B, or C shall be classified based on ASTM E 84.
- 10.2.3.4 - Wall and Ceiling - Classifications characteristics:
  (1) Class A: Flame spread: 0-25; Smoke dev.: 0-450.
  (2) Class B: Flame spread: 26-75; Smoke dev.: 0-450.
  (3) Class C: Flame spread: 76-200; Smoke dev.: 0-45
- 10.2.7.3 - Interior Floor Finish -shall be classified based on NFPA 253 or ASTM E 648.
- 10.2.3.4 - Interior Floor - Classifications characteristics:
  (1) Class I: Rad flux: min .45 W/cm².
  (2) Class II: Rad flux: min .22 W/cm², and max. .45 W/cm².
- 10.2.8.1 - Wall and Ceiling finishes, where sprinkled:
  Class C permitted in any location where Class B is req'd.
  Class B permitted in any location where Class A is req'd.
- 10.2.8.2 - Floor finishes, where sprinkled:
  Class II permitted in any location where Class I is req'd.
  No critical rad. flux permitted in any location where Class II is req'd.

Chapter 18 - New Health Care Occupancies
- 18.1.6.1 - Construction Type: I (332), Sprinkled (noncombustible)
  Allowable number of stories: ≥4
  Actual number of stories: 1 (current phase), 3 (future)
- 18.1.6.4 - Interior nonbearing walls shall be constructed of non-combustible or limited-combustible materials.
- 18.1.6.6 - Fire-retardant-treated wood that serves as supports for installation of fixtures and equipment shall be permitted behind non-comb. sheathing.
- 18.1.7 - Occupant load - Determined per 7.3.1.2 or determined as the max. probable population, whichever is greater.
- 18.2.1 - Means of egress components per Chapter 7 and 18.2.2.2 thru 18.2.11.
- 18.2.2.2.4 - Doors within means of egress shall not be equipped with latches or locks that requires the use of a tool or key from egress side (see exceptions).
- 18.2.2.2.7 - Doors in Exit passageways, stairway enclosures, horiz. exits, smoke barriers, or hazardous area enclosures (except mech., equip. rms.) shall be permitted to be held open only by an auto release device. They shall interface with AFSS. Fire alarm, and systems per 7.2.1.8.2.
- 18.2.2.3 - Stairs permitted per 7.2.2.
- 18.2.2.5 - Horizontal exits per 7.2.4 and 18.2. 2.5.1 thru 18.2.2.5.7 are permitted.
- 18.2.2.5.1.1 - Minimum of 30 s.f. per patient in nursing home shall be provided within the aggregated areas of corridors, patient rms, treatment rms., lounge or dining areas, and other similar areas on each side of the horizontal exit.
- 18.2.2.5.4 - A horiz. exit involving a corridor of 8' or more in width and serving as a means of egress from both sides: pair of opposite swinging doors, with ea door having 41-1/2" min clear width.
- 18.2.2.10 - Areas of Refuge as part of accessible means of egress: per 7.2.12.
- 18.2.3.1 - Capacity of Means of Egress per 7.3. and 18.2.3.
- 18.2.3.4 - Min. corridor width for exit access (nursing home) - 8' min., exceptions:
  (1) Aisles, corridors, ramps in adjunct areas not intended for patients: 44" min. clear.
  (2) Where corridor width is 8' min: 6" max projections above handrail hgt. permitted for hand-rub units per 18.3.2.6.
  (3) Where corridor width is 8' min: projections permitted on both sides:
    a. Each projection 6" max. depth.
    b. Each projection 36" max. length.
    c. Each projection 40" min. above the floor.
    d. Each projection 48" min. horiz separation from adj. projections.
- 18.2.3.6 - Min clear door width @ means of egress from sleeping rms., treatment rms. in Hospitals and Nursing Homes: 41-1/2"
- 18.2.3.7 - Req'ts of 18.2.3.6 shall not apply as follows:
  (1) Doors not subject to use by any health care occupant: 32" min clear.
  (2) Doors in exit enclosures: 32" min clear.
- 18.2.4.1 - Min. 2 exits provided on every story.
- 18.2.4.2 - Min 2 separate exits shall be accessible from every part of every story.
- 18.2.4.3 - Min 2 accessible exits from ea. smoke compartment, and egress shall be permitted thru an adjacent compartment, but shall not require return through the compartment of origin.
- 18.2.5.1 - Arrangement of means of egress per 7.5 and 18.2.5.
- 18.2.5.2 - Dead-end corridors: 30' max.
- 18.2.5.3 - Common path of travel: 100' max.
- 18.2.5.5.2 - Non-sleeping rooms of more than 2,500 s.f.: Min 2 exit access doors remotely located from each other.
- 18.2.5.6.2 - Exit access from patient sleeping room with an 8 bed max. shall be permitted to pass thru one intervening rm to reach an exit access corridor, provided intervening room is protected with an AFSS.
- 18.2.6.2.1 - Max travel distance between room and an exit = 200'
- 18.2.6.2.3 - Max travel distance between any point in healthcare slepping room and exit access door in that room = 50' max.
- 18.3.2.1 - Hazardous Area Protection per 8.7 and 18.3.2.1.
  Soiled Linen rms w/ volume >64 gal = 1-hr.
  Storage Rms w/ comb mat'ls >50 s.f. and ≤100 s.f. = 18.3.6.3.11
  Storage Rms w/ comb mat'ls >100 s.f. = 1-hr.
- 18.3.2.5.2 - Where domestic cooking equipment is used for food warming, or limited cooking, protection or separation of food prep facilities not req'd.
- 18.3.3.1 - Interior finish per 10.2 and 18.3.3.
- 18.3.3.2 - Interior wall and ceiling - Class A permitted except per 18.3.3.2.1 or 18.3.3.2.2.
- 18.3.3.2.1 - Walls and Ceilings @ patient rooms w/ 4 occup max = Class A or B.
- 18.3.3.2.2 - Corridor wall finish 48" max hgt. (lower half of wall) = Class A or B.
- 18.3.3.3.2 - Interior Floor fin @ exit encl and exit access corridors and spaces not separated from them by walls per 18.3.6 = Class I or II.
- 18.3.4.1 - Health care occupancies shall be provided with a Fire Alarm system per 9.6.
- 18.3.4.2.2 - Manual fire alarm boxes in patient sleeping areas not req'd at exits if located at all nurses' control stations.
- 18.3.4.5.3 - Nursing Home detection - An automatic smoke detection system shall be installed in corridors throughout smoke compartments containing patient sleeping rooms and in spaces open to corridors per 18.3.6.1.
- 18.3.5.1 - Buildings containing healthcare occupancies shall be protected throughout by a supervised automatic sprinkler system per 9.7.
- 18.3.5.6 - Quick-response sprinklers shall be used throughout smoke compartments containing patient sleeping rooms.
- 18.3.5.11 - Portable fire extinguishers shall be provided in all health care occupancies per 9.7.4.1.
- 18.3.6.1 - Corridors shall be separated from all other areas by partitions per 18.3.6.2 thru 18.3.6.5, except as permitted as follows:
  (1) Spaces shall be permited to be unlimited in area and open to corridor if:
    a. The spaces are not used for patient sleeping, treatment or hazardous storage areas.
    b. Corridors onto which spaces open in same smoke compartment are protected by an auto. smoke detection system
    c. Open space is protected by auto smoke detection system.
    d. Space does not obstruct access to req'd exits.
- 18.3.6.2.2 - No fire resistance rating shall be required for corridor walls.
- 18.3.6.2.3 - Corridor walls shall form a barrier to limit the transfer of smoke.
- 18.3.6.3.1 - Doors protecting corridor opg's shall resist passage of smoke and:
  (1) Comply with NFPA 80
  (2) 1" max. undercut
  (3) Doors to toilet rms., shower rms. and sim auxiliary spaces that do not contain combustible materials: smoke resist not req'd..
- 18.3.6.3.5 - Corridor doors shall be self-latching and provided with positive-latching hardware.
- 18.3.6.3.5 - Doors to toilet rms, shower rms, and sim auxiliary spaces that do not contain combustible materials: latching req'ts of 18.3.6.3.5 not req'd.
- 18.3.6.3.7 - Powered corridor doors per 7.2.1.9 not req'd to meet latching req'ts of 18.3.6.3.5 if:
  (1) Door is equipped w/ means of keeping door closed acceptable to AHJ.
  (2) Device capable of keeping door closed w/ 5lb force to swinging door.
- 18.3.6.3.11 - Door closing devices not req'd on corridor doors other than those serving req'd exits, smoke barriers, or enclosures of vertical openings.
- 18.3.7.1 - Heath care facilities shall be subdivided by Smoke Barriers as follow:
  (1) Divide every story used by inpatients for sleeping or treatment into a minimum of 2 smoke compartments.
  (2) Divide every story having occup. load >50, regardless of use into a minimum of 2 smoke compartments.
  (3) Size of each smoke compartment = 22,500 s.f. max. (unless the area is an atrium separated per 8.6.7).
  (4) Max. travel from any point to door in smoke compartment = 200' max.
- 18.3.7.3 - Any Smoke Barrier shall be per 8.5 and min.1-hr fire-rating, unless:
  (1) Req'ts shall not apply @ atriums and both of the following:
    (a) Smoke barrier permitted to terminate at atrium wall per 8.6.7(1)(c).
    (b) Not less than 2 separate smoke compartments per ea. floor.
  (2) Smoke dampers not req'd in duct penetrations of smoke barriers in fully ducted heating, ventilating, and air-conditioning systems.
- 18.3.7.5.1 - Hospital or Nursing home = 30 net s.f. per patient shall be provided within the aggregated areas of corridors, patient rms, treatment rms., lounge or dining areas, and other low hazard areas on each side of the smoke barrier.
- 18.3.7.6 - Doors is Smoke Barriers- min 1/3 hr fire-rated and as follows:
  (1) Non-rated protective plates allowed
  (2) Cross-corridor openings - pair of swinging doors per 7.2.1.14
  (3) Cross-corridor pairs of doors must be opposite swinging.
  (4) Min clear ea. swinging doors @ Hosp., nursing homes = 41-1/2" clear.
  (5) Min clear ea. sliding doors @ Hosp., nursing homes = 6'-11" clear.
  (6) Max clearance under door = ¾" max.
- 18.3.7.8 -Doors in Smoke Barriers shall comply with 8.5.4 and shall be self-closing or auto-closing per 18.2.2.2.7.
- 18.3.7.9. - Vision panels w/ fire-rated glazing or wired glass shall be provided in each cross-corridor swinging door.
- 18.3.7.11 - Smoke Barrier doors:
  Rabbets, bevels, or astragals at meeting edges and stops - Required
  Positive latching - Not Required
  Center mullions - Prohibited.

Revisions		Date
1	Amendment #5	5/6/09

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NFPA CODE DATA

PHASE 1

RELOCATE COMMUNITY LIVING CENTER

PHASE 1

2 | JP | DF

Cincinnati, Ohio

01/30/2009

2.1A103

Planning & Design

Department of Veterans Affairs

GENERAL NOTES

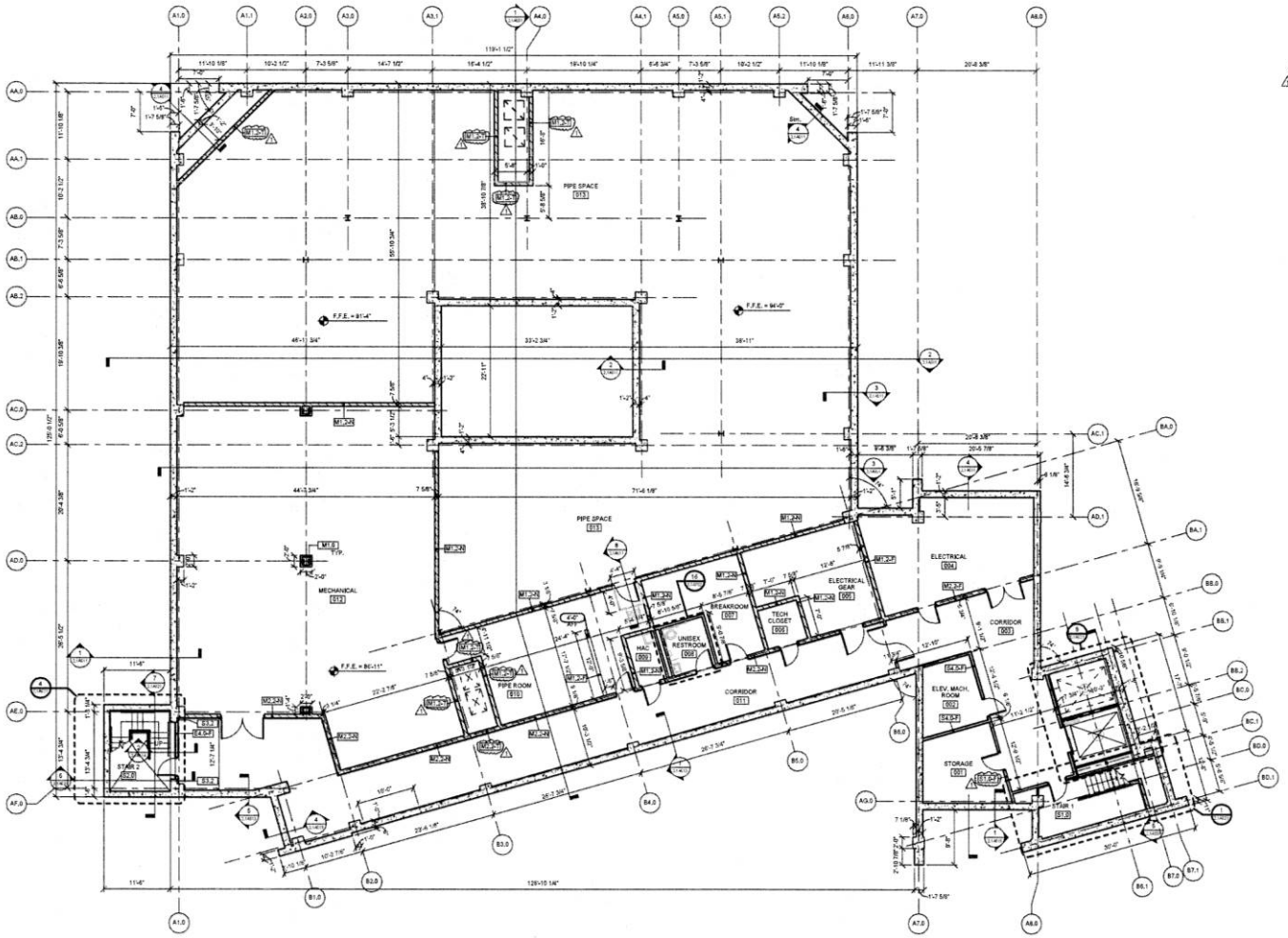
A. ALL DIMENSIONS TAKEN FROM FACE OF GYPSUM WALLBOARD OR UNIT MASONRY.

B. EDGE OF ALL DOOR JAMBS AT HINGE SIDE NOT OTHERWISE LOCATED ARE TO BE 6" FROM THE FACE OF INTERSECTING WALLS. EDGE OF ALL DOOR JAMBS AT STRIKE SIDE NOT OTHERWISE LOCATED ARE TO BE 18" MINIMUM FROM THE FACE OF INTERSECTING WALLS.

C. ALL WOOD BLOCKING TO BE FIRE RETARDENT TREATED.

D. FIRST FLOOR LEVEL 100'-0" EQUALS 729'-0".

E. ALL PARTITIONS SHALL BE TYPE 'S1.0' UNLESS NOTED OTHERWISE.



BASEMENT DIMENSION PLAN

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

Revisions		Date
1	Amendment #6	5/6/09

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Drawing Title: BASEMENT DIMENSION PLAN

PHASE 1

Project Title: RELOCATE COMMUNITY LIVING CENTER

PHASE 1

Scale	Drawn	Checked	Date
2	JP	NS/MD	01/30/2009

Cincinnati, Ohio

Drawing Number: 2.1A301

Planning & Design

Department of Veterans Affairs

GENERAL NOTES

A. ALL DIMENSIONS TAKEN FROM FACE OF GYPSUM WALLBOARD OR UNIT MASONRY.

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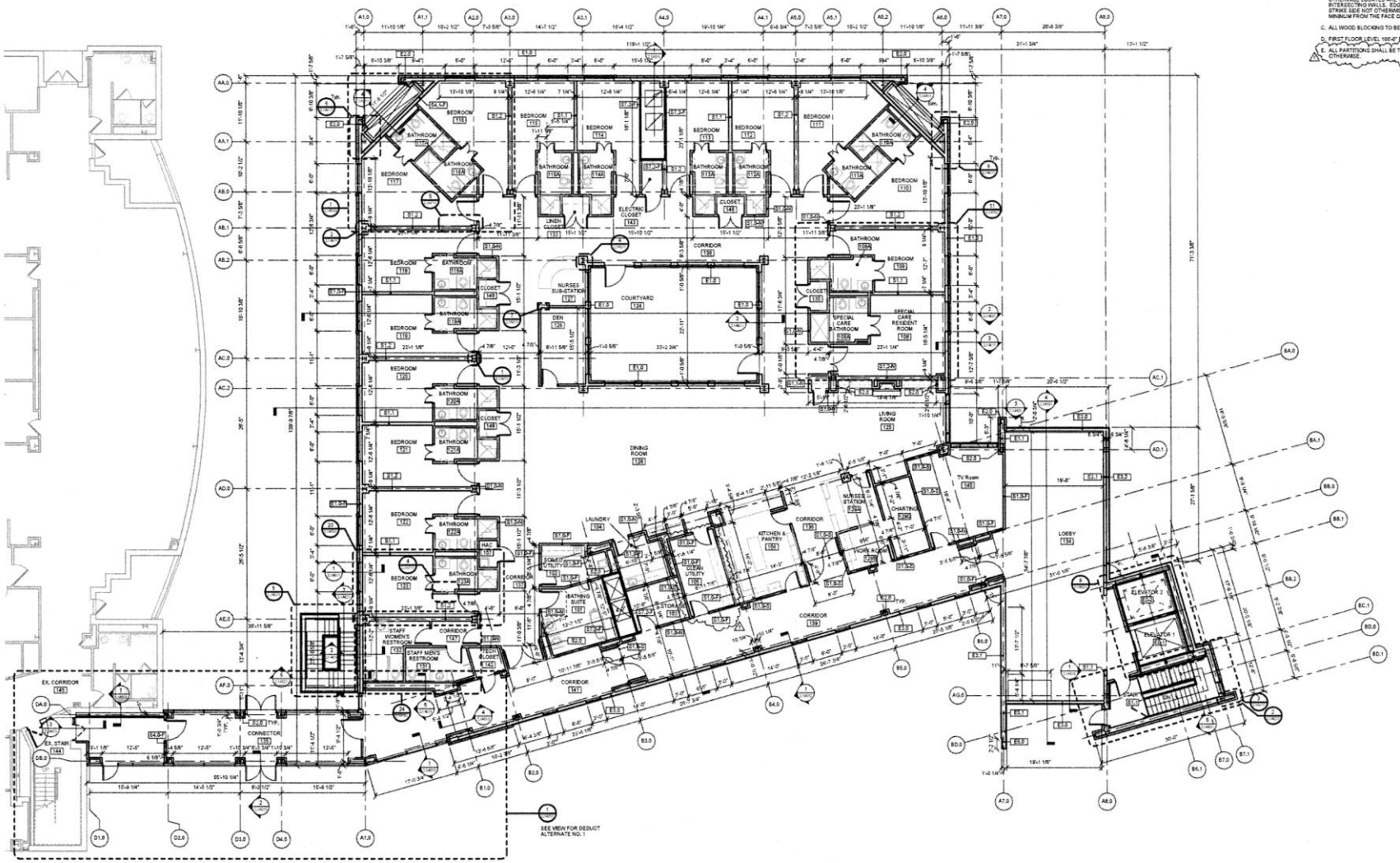
C. ALL WOOD BLOCKING TO BE FIRE RETARDENT TREATED.

D. FIRST FLOOR LEVEL 100'-0" EQUALS 726'-0".

E. ALL PARTITIONS SHALL BE TYPE 'S1.0' UNLESS NOTED OTHERWISE.



N FIRST FLOOR DIMENSION PLAN
Scale: 1/8" = 1'-0"

Revisions		
1	Amendment #6	5/6/09

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STATE OF OHIO
JOHN A. POE
6549
REGISTERED ARCHITECT

Drawing Title: FIRST FLOOR DIMENSION PLAN
PHASE 1

Project: RELOCATE COMMUNITY LIVING CENTER
PHASE 1

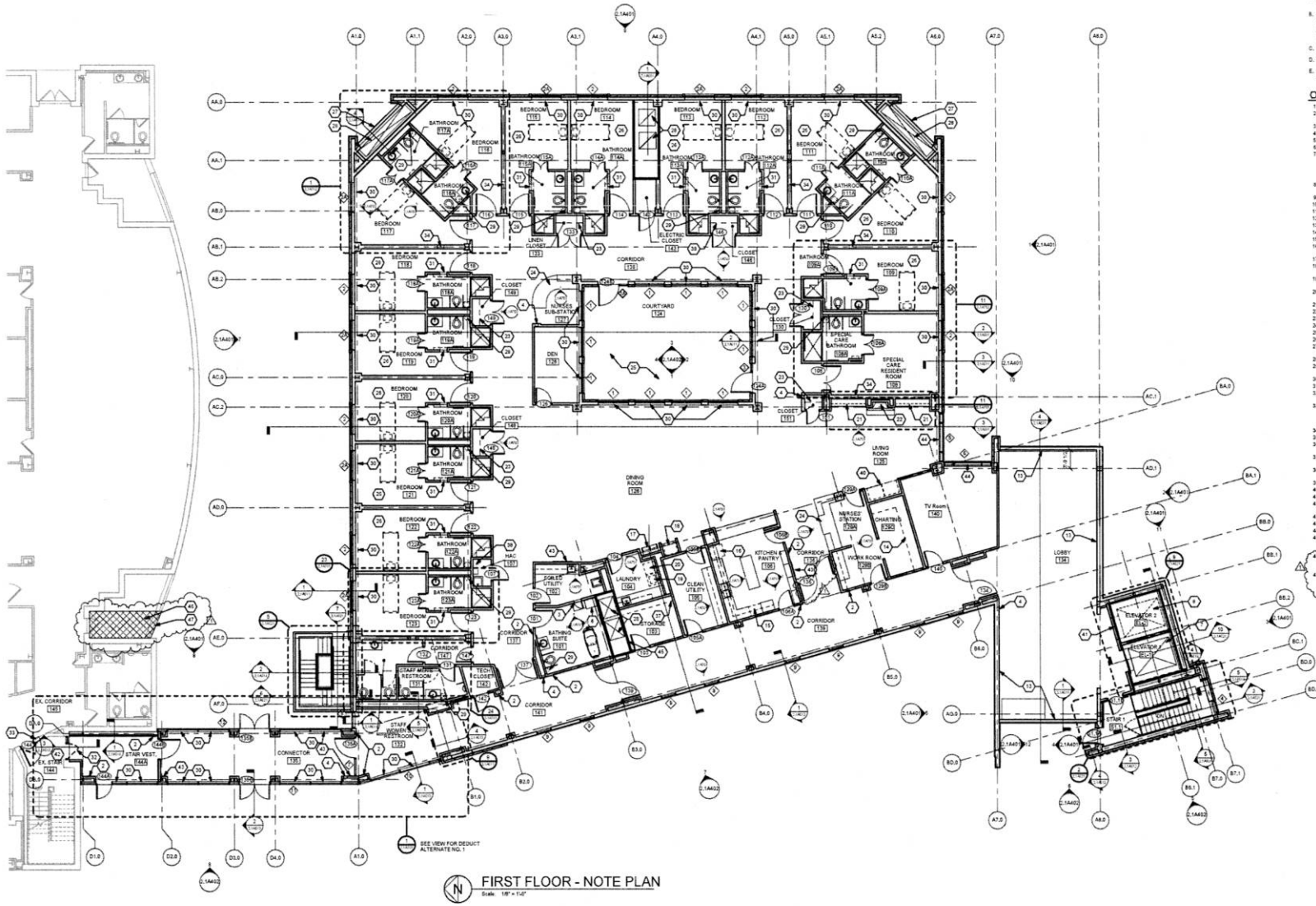
Date: 01/09/2009
VA Project No. 589A4-16
JPA Project No. 0p501.00

Revision: 2 | Drawn: JP | Checked: NS/MD

Cincinnati, Ohio

Drawing No. 2.1A303

Planning & Design
Department of Veterans Affairs



FIRST FLOOR - NOTE PLAN

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

GENERAL NOTES

A. ALL DIMENSIONS TAKEN FROM FACE OF GYPSUM WALLBOARD OR UNIT MASONRY.

B. EDGE OF ALL DOOR JAMBS AT HINGE SIDE NOT OTHERWISE LOCATED ARE TO BE 6" FROM THE FACE OF INTERSECTING WALLS. EDGE OF ALL DOOR JAMBS AT STRIKE SIDE NOT OTHERWISE LOCATED ARE TO BE 18" MINIMUM FROM THE FACE OF INTERSECTING WALLS.

C. ALL WOOD BLOCKING TO BE FIRE RETARDENT TREATED.

D. FIRST FLOOR LEVEL 100-0" EQUALS 728-4".

E. ALL PARTITIONS SHALL BE TYPE 'S1.0' UNLESS NOTED OTHERWISE.

O PLAN NOTES

1. Dirt platform and stairs. See Detail B/C.1A521.
2. Wall actuator for automatic door operator. See Hardware Specs.
3. 90 minute fire-rated pass through door.
4. Fully recessed fire extinguisher cabinet.
5. Surface-mounted fire extinguisher.
6. Blanket warmer furnished and installed by Owner.
7. Hydraulic elevator EL-1 included in Base Bid. Delete all elevator equipment under Deduct Alternate No. 2. If Deduct Alternate is accepted, work shall include installation fo elevator shaft and pit, sump, ladder, and wall rails and casing for Elevators EL-1 and EL-2.
8. Future elevator. Work in Base Bid includes construction of shaft, pit, sump, and cylinder.
9. Air handling unit. See Mechanical Drawings.
10. Future air handling unit. See Mechanical Drawings.
11. Plumbing fixture. See Plumbing Drawings.
12. Electrical equipment/panels. See Electrical Drawings.
13. This section of wall to be removed in a future phase.
14. Furniture furnished and installed by Owner.
15. Range furnished and installed by Owner.
16. Refrigerator furnished by owner. Plumbing connections by plumbing contractor.
17. Water coolers. See Plumbing Drawings.
18. Countertop ice machine furnished by Owner. Installed by Contractor. See Plumbing Drawings.
19. Automatic washing machine furnished by Owner. Installed by Contractor. See Plumbing Drawings.
20. Automatic dryer furnished by Owner. Installed by Contractor. See Electrical Drawings.
21. Casework and shelving. See Interior Elevations.
22. Electric fireplace unit. See Interior Elevations.
23. Adjustable shelving unit. See Detail 5/2D.1A711.
24. Casework. See Interior Elevations.
25. See Landscape Drawings for new work in this area.
26. See Enlarged Plans for typical notes, dimensions, etc.
27. Prefinished sight-proof aluminum louver. See Mechanical Drawings.
28. Sheetmetal ductwork. See Mechanical Drawings.
29. 12" wide x 18" high stainless steel access panel. Coordinate final location with Plumbing Contractor.
30. Roller window shade.
31. Thru wall cabinet. See sheet 2.1A711 for details.
32. Remove existing aluminum door and sidelight. Curtainwall frame to remain in place. See Sections for details.
33. Remove existing door and hollow metal frame. Remove existing C.M.U. partition as required for installation of new 4'-0" wide door & frame. Tooth new C.M.U. work into existing coursing.
34. Recessed wall cabinet.
35. Slope concrete to drain.
36. Future 10'-0" wide x 8'-0" high opening. See Structural Drawings.
37. Adjust rated wall assembly location above finished ceiling as required to avoid duct location. See mechanical drawings.
38. Three 12" deep shelves with plastic laminate finish on heavy duty adjustable standards and brackets.
39. Shelf and coat hanging rod. See Detail 5/1D.1A711.
40. Omni-Cell units furnished and installed by Owner.
41. Frame wall for future elevator hoistway opening.
42. Provide woodblock vinyl flooring and 6" high rubber base as required to match existing. Paint C.M.U. to match adjacent.
43. 4" x 3" baseboard.
44. Door operator card swipe. See electrical drawings.
45. Roller window shade w/ railroaded fabric and batten.
46. 24" wide x 24" tall, 1-1/2 hr fire-rated access door. Self-closing and self-latching w/ key lock access. Flush fin. w/ wall surface. Install 12" x 12" bottom of opening.
47. Demolish existing slab to nearest control joint as required for installation of new electric. New floor slab to match existing. See Electrical drawings.
48. Remove and reinstall existing wall as required for installation of new electric. Salvage all masonry and stone for reuse. Supplement salvaged material as required for complete installation to match existing. See Electrical drawings.

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Revisions	Date
Amendment #6	06/09

Drawing Title: FIRST FLOOR NOTE PLAN

PHASE 1

RELOCATE COMMUNITY LIVING CENTER

PHASE 1

Cincinnati, Ohio

Date: 01/30/2009

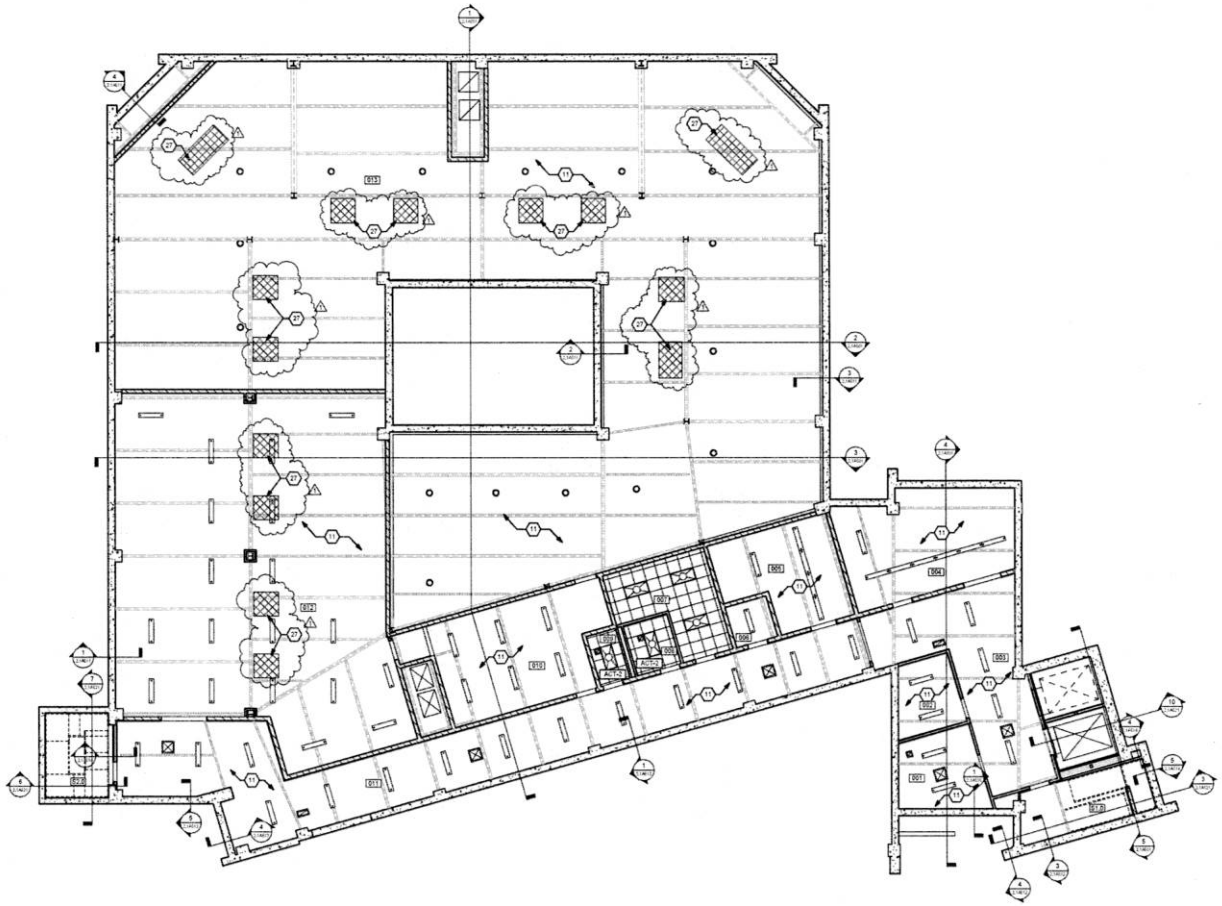
VA Project No. 589-019
JPA Project No. 5450.01

Drawn: JP

Sheet No. 2.1A304

Planning & Design

Department of Veterans Affairs



BASEMENT-REFLECTED CEILING PLAN
Scale: 1/8" = 1'-0"

GENERAL NOTES

A. Suspended acoustic ceiling height to be 8'-0" AFF, unless noted otherwise.

B. Gypsum board soffits to be 8'-6" AFF, unless noted otherwise.

C. Acoustical ceilings to be Type ACT-1, unless noted otherwise.

D. All gypsum board ceilings and soffits to be painted P-6 unless noted otherwise.

E. Wood crown molding to be painted P-5.

F. See sheet 2.1A703 for Finish Materials Legend.

G. Light fixtures, sprinkler heads, speakers and HVAC devices shall be located in the center of acoustical ceiling panels.

CEILING NOTES

1. Gypsum Board soffit. See Detail 3/2.1A312.
2. Gypsum Board soffit. See Detail 3/2.1A312.
3. Crown moulding - where indicated on Reflected Ceiling Plan. See Detail 2/2.1A711.
4. Ceiling-hung toilet partitions. See Detail 4/2.1A312.
5. Suspended acoustic ceiling and grid.
6. 5/8" Type 'X' gypsum board.
7. 3-5/8" metal stud framing.
8. Casework. See Interior Elevations.
9. Recessed light fixture. See Electrical Drawings.
10. Gypsum Board soffit. See Detail 1/2.1A312.
11. No ceiling this area.
12. Canopy. See Detail 16/2.1A611.
13. 1'-0" x 1'-0" access panel.
14. Suspended patient lift system track for Lift Type 'A'. Lift capacity shall be 600 lbs.
15. Suspended patient lift system track for Lift Type 'B'. Lift capacity shall be 1000 lbs.
16. No finishes in Corridor 136 per Deduct Alternate No. 4.
17. Composite deck.
18. Steel beam protected w/ 1-hour-rated sprayed-on fireproofing. See Structural Drawings.
19. 3/8" steel plate.
20. 3" x 3" x 1/4" steel transverse brace. 1 @ each hanger location. 8'-0" max. length.
21. 9" x 9" x 1/2" steel plate.
22. 3" x 3" x 1/4" steel vertical hanger. 8'-0" max. length and spacing.
23. C8 x 11.5.
24. 3" x 3" x 1/4" Steel longitudinal brace. 1 @ each channel span.
25. Suspended ceiling system. See Reflected Ceiling Plan for details.
26. 2 layers gypsum.
27. 1hr floor recessed for sprinkler spray or fireproofing at underside of deck for 2hr fire rating.

REFLECTED CEILING PLAN LEGEND

- Recessed downlight fixture
- 2' x 4' fluorescent fixture
- 2' x 2' acoustical tile ceiling
- Gypsum board / portland cement plaster ceiling / soffit - painted
- Pendant light fixture
- Surface-mounted strip light fixture
- Supply Air Diffuser
- Return Air Grille
- Radiant Heating Panel
- Chain-hung light fixture
- Access panel
- Recessed wall-wash fixture

Revisions		Date
1	Amendment #6	5/6/09

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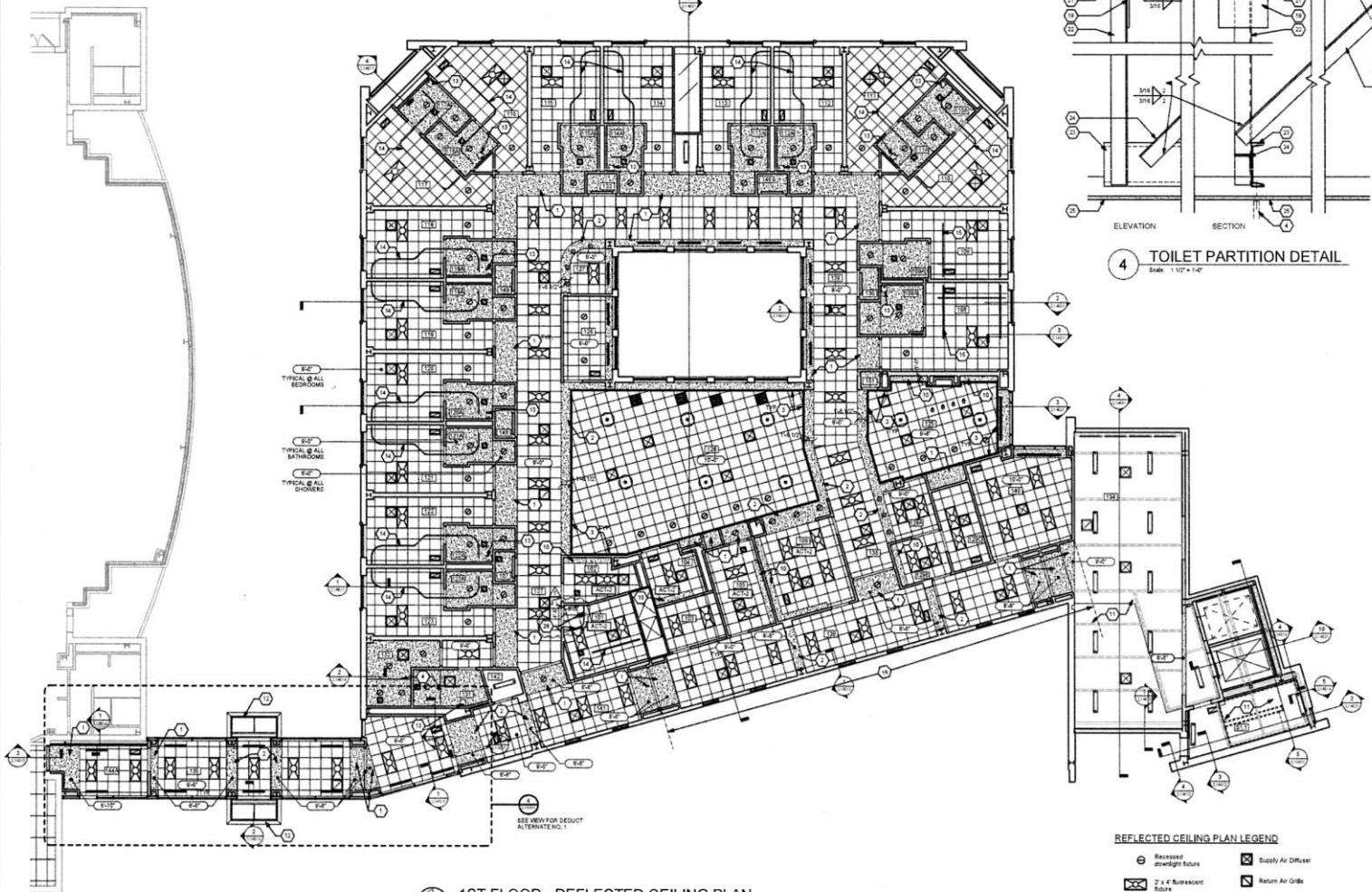
Drawing Title: BASEMENT CEILING PLAN
PHASE 1

Project: RELOCATE COMMUNITY LIVING CENTER
PHASE 1
Cincinnati, Ohio

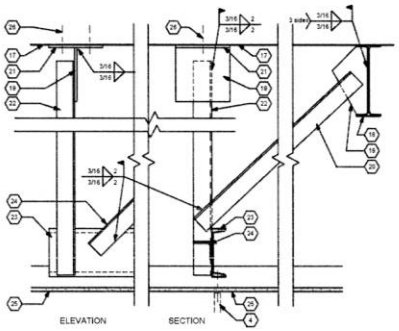
Date: 01/09/2009
VA Project No. 59-019
JPA Project No. 5e501.00

Sheet 2 | JP | NS
2.1A311

Planning & Design
Department of Veterans Affairs



1ST FLOOR - REFLECTED CEILING PLAN
Scale: 1/8" = 1'-0"



4 TOILET PARTITION DETAIL
Scale: 1 1/2" = 1'-0"

GENERAL NOTES

A. Suspended acoustic ceiling height to be 8'-0" AFF, unless noted otherwise.

B. Gypsum board soffits to be 8'-8" AFF, unless noted otherwise.

C. Acoustical ceilings to be Type ACT-1, unless noted otherwise.

D. All gypsum board ceilings and soffits to be painted P-6 unless noted otherwise.

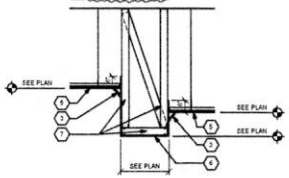
E. Wood crown molding to be painted P-5.

F. See sheet 2.1A703 for Finish Materials Legend.

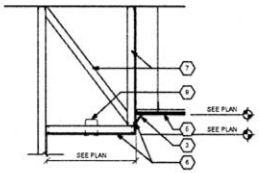
G. Light fixtures, sprinkler heads, speakers and HVAC devices shall be located in the center of acoustical ceiling panels.

CEILING NOTES

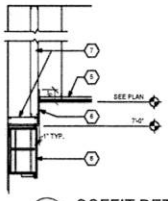
1. Gypsum Board soffit. See Detail 2/2.1A312.
2. Gypsum Board soffit. See Detail 3/2.1A312.
3. Crown moulding - where indicated on Reflected Ceiling Plan. See Detail 2/2.1A711.
4. Ceiling-hung toilet partitions. See Detail 4/2.1A312.
5. Suspended acoustic ceiling and grid.
6. 5/8" Type 'X' gypsum board.
7. 3-5/8" metal stud framing.
8. Casework. See Interior Elevations.
9. Recessed light fixture. See Electrical Drawings.
10. Gypsum Board soffit. See Detail 1/2.1A312.
11. No ceiling this area.
12. Canopy. See Detail 10/2.1A611.
13. 1'-0" x 1'-0" access panel.
14. Suspended patient lift system track for Lift Type 'A'. Lift capacity shall be 600 lbs.
15. Suspended patient lift system track for Lift Type 'B'. Lift capacity shall be 1000 lbs.
16. No finishes in Corridor 139 per Deduct Alternate No. 4.
17. Composite deck.
18. Steel beam protected w/ intumescent sprayed-on fireproofing. See Structural Drawings.
19. 3/8" steel plate.
20. 3" x 3" x 1/4" steel transverse brace. 1 @ each hanger location. 8'-0" max. length.
21. 3" x 6" x 1/2" steel plate.
22. 3" x 3" x 1/4" steel vertical hanger. 8'-0" max. length and spacing.
23. C8 x 11.5.
24. 3" x 3" x 1/4" Steel longitudinal brace. 1 @ each channel span.
25. Suspended ceiling system. See Reflected Ceiling Plan for details.
26. 2 anchors, minimum.
27. At floor recesses for showers spray on fireproofing at underside of deck for 2hr fire rating.
28. Outside curtain wall.



3 SOFFIT DETAIL
Scale: 1/2" = 1'-0"



2 SOFFIT DETAIL
Scale: 1/2" = 1'-0"



1 SOFFIT DETAIL
Scale: 1/2" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- Recessed downlight fixture
- 2' x 4' fluorescent fixture
- 2' x 2' acoustical tile ceiling
- Gypsum board / portland cement plaster ceiling / soffit - painted
- Pendant light fixture
- Surface-mounted strip light fixture
- Supply Air Diffuser
- Return Air Grille
- Radiant Heating Panel
- Chain-hung light fixture
- Access panel
- Recessed wall-wash fixture

Revisions		
1	Amendment #9	5/6/09

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Drawing Title: FIRST FLOOR CEILING PLAN
PHASE 1

Project Title: RELOCATE COMMUNITY LIVING CENTER
PHASE 1

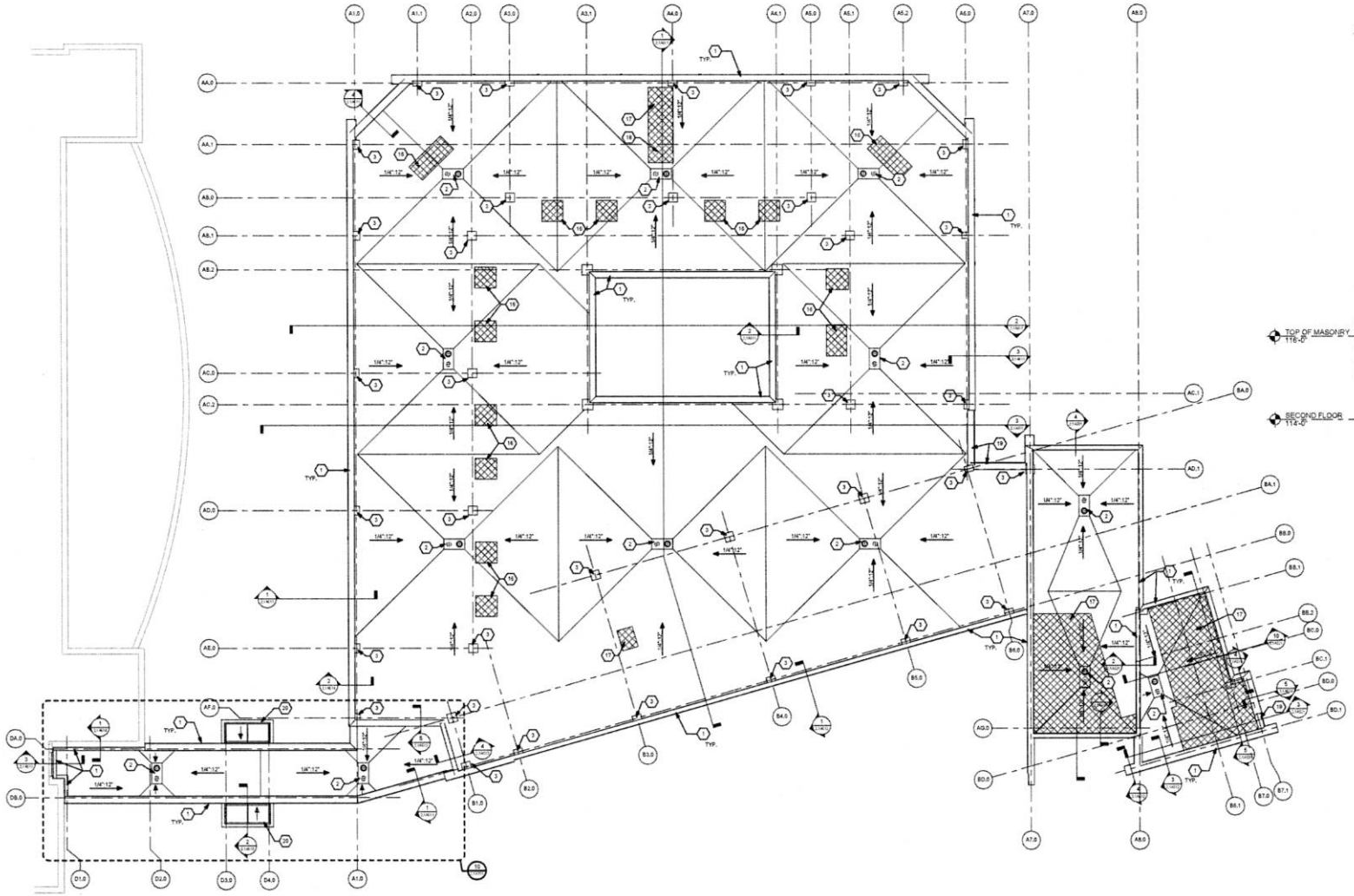
Cincinnati, Ohio

Sheet No. 2 | JP | NS

Date: 01/30/2009
VA Project No. 539-319
JPA Project No. 5a501.B1

2.1A312

Planning & Design
Department of Veterans Affairs



ROOF PLAN

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

GENERAL NOTES

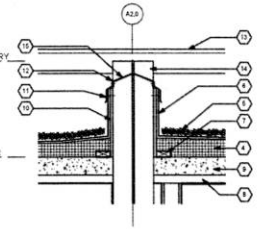
A. Finished Floor Elevation 100'-0" equals 728'-0".

B. All roofing shall be ballasted EPDM roof membrane on tapered rigid insulation. 2" min. thickness. See Wall Sections.

C. Roof assembly/ceiling assembly constitutes 2-hr fire-rated assembly per UL #D916, unless noted otherwise.

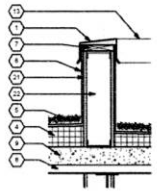
ROOF NOTES

1. Prefinished metal coping.
2. Roof drain and overflowdrain. See Plumbing Drawings. Provide layered membrane in sump area per roofing manufacturer. No field splice in sump area.
3. Steel column stub up for future expansion. See Detail 1Q.1A321.
4. Rigid insulation to slope away from column penetration.
5. Ballasted EPDM roof membrane
6. Run membrane up plywood curb.
7. 2x pressure-treated wood nailer.
8. Metal deck. See Structural Drawings.
9. Concrete slab. See Structural Drawings.
10. 3/4" exterior grade plywood curb around structural member.
11. Metal counterflashing. Attach to leg of metal plate.
12. Sealant.
13. Parapet beyond.
14. Steel column. See Structural Drawings.
15. Weld steel plate to column between flanges to provide watertight cover.
16. Spray on fireproofing at underside of roof deck for 2hr fire rating. Fill depression in roof deck with rigid insulation until level with top of adjacent conc. roof deck.
17. Spray on fireproofing at underside of roof deck for 1hr fire rating. Fill depression in roof deck with rigid insulation until level with top of adjacent conc. roof deck.
18. Exhaust fan. See Mechanical Drawings.
19. Prefinished gravel stop to match curtain wall finish.
20. Canopy. See Detail 1Q.1A611.
21. 3/4" exterior grade plywood sheathing.
22. 6" metal stud framing.



1 COLUMN DETAIL

Scale: 1" = 1'-0"



2 ROOF DETAIL

Scale: 1" = 1'-0"

Revisions		Date
1	Amendment #6	1/8/09

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Drawing Title: ROOF PLAN

PHASE 1

Project Title: RELOCATE COMMUNITY LIVING CENTER

PHASE 1

Date: 01/30/2009

VA Project No. 589A4-
JPA Project No. 0450.01

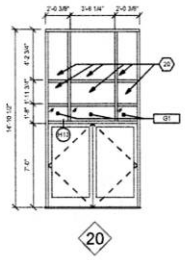
Sheet 2 | JP | MD

Cincinnati, Ohio

2.1A321

Planning & Design

Department of Veterans Affairs



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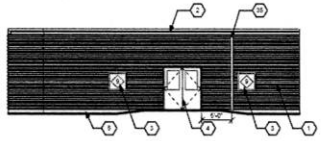
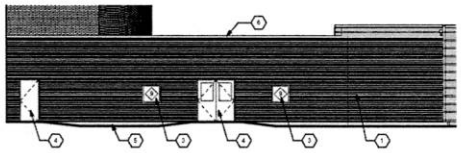
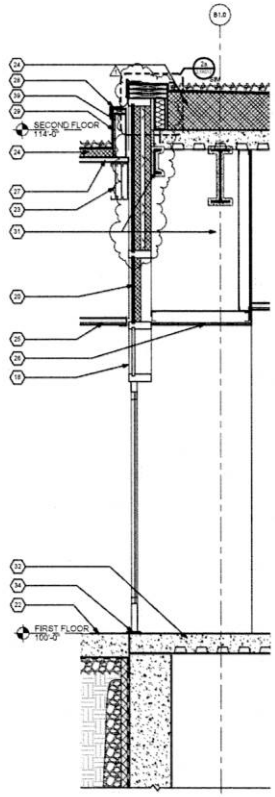


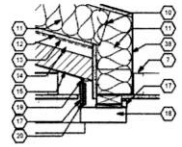
9 TEMP. CONNECTOR - EAST ELEVATION
Scale: 1/8" = 1'-0"



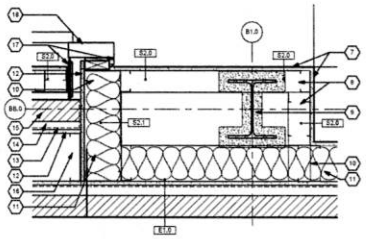
8 TEMP. CONNECTOR - WEST ELEVATION
Scale: 1/8" = 1'-0"



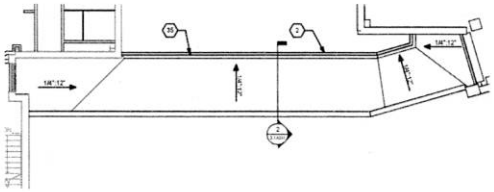
3 WALL SECTION
Scale: 3/4" = 1'-0"



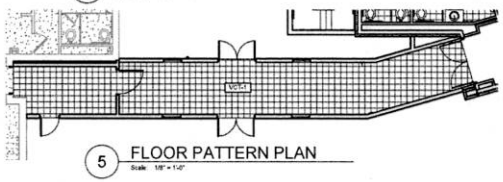
7 Temp. Conn. Jamb
Scale: 1 1/2" = 1'-0"



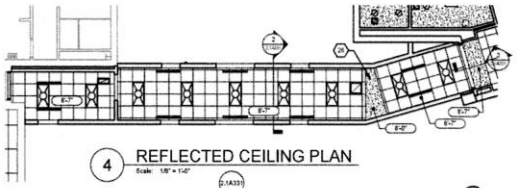
6 Ph.1 - Temp. Conn. Jamb
Scale: 1 1/2" = 1'-0"



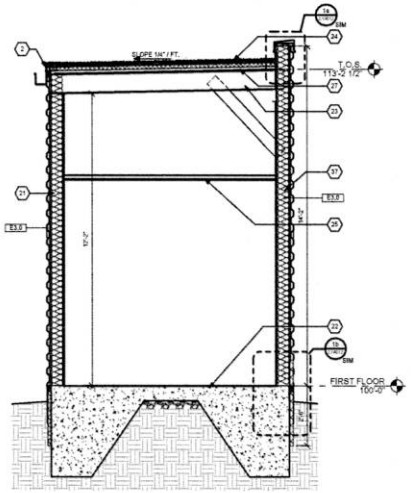
10 ROOF PLAN
Scale: 1/8" = 1'-0"



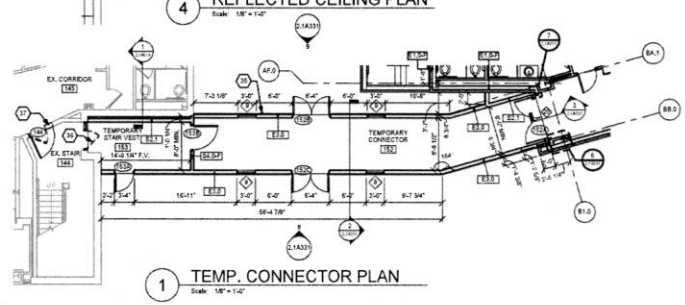
5 FLOOR PATTERN PLAN
Scale: 1/8" = 1'-0"



4 REFLECTED CEILING PLAN
Scale: 1/8" = 1'-0"



2 TEMPORARY CONNECTOR SECTION
Scale: 1/2" = 1'-0"



1 TEMP. CONNECTOR PLAN
Scale: 1/8" = 1'-0"

GENERAL NOTES

A. Work on this sheet to be performed with acceptance of Deduct Alternate No. 1. This sheet does not pertain to Base Bid.

TEMPORARY CONNECTOR NOTES

1 Metal siding.
2 Prefinished gutter and gravel stop to match curtain wall finish.
3 Aluminum window.
4 Door. See Door Schedule.
5 Sill flashing.
6 Prefinished metal coping.
7 5/8" Type 'X' gypsum board.
8 3-5/8" metal stud framing.
9 Steel column protected w/ fire-rated sprayed-on fireproofing. See Structural Drawings. See Code Data Sheet for fire-proofing details.
10 6" metal stud framing.
11 Fiberglass batt insulation.
12 5/8" exterior gypsum board sheathing.
13 Air & moisture barrier.
14 Air space.
15 Brick veneer.
16 6" metal stud framing.
17 Break metal to match curtain wall finish.
18 Aluminum curtain wall system.
19 Sealant.
20 1" fire retardant treated plywood infill panel with 2" rigid insulation.
21 6" cold-rolled metal framing. See Structural Drawings
22 Structural concrete slab. See Structural Drawings.
23 Cold-rolled metal roof framing. See Structural Drawings.
24 Roof Assembly Ballasted EPDM roof with polyisocyanurate insulation tapered where required.
25 Suspended acoustical ceiling system.
26 Gypsum board soffit.
27 Roof deck. See Structural.
28 Metal flashing. Extend under gravel stop and over parapet framing.
29 5/8" exterior gypsum board.
30 Steel beam protected with fire-rated spray on fireproofing. See structural drawings.
31 Concrete slab on metal deck. See structural drawings.
32 Aluminum door threshold
35 Aluminum downspout & concrete splashblock.
36 Remove aluminum door and sidelight and store for reinstallation. Curtainwall frame to remain in place. See Sections for details.
37 Remove existing door and frame. Remove portion of C.M.U. partition for installation of new 4'-0" wide door & frame.
38 6" metal stud framing.
39 3-5/8" 16 gauge metal stud framing.

CURTAIN PANEL LEGEND

SPANDREL PANEL

GLAZING PANEL

GLAZING NOTES

G1 1" insulated, tinted glazing
G2 1" insulated, spandrel glazing
G3 1/4" clear glazing
T1 1" tempered, insulated, tinted glazing
T2 1" tempered, insulated, spandrel glazing
T3 1/4" tempered, clear glazing

Revisions		Date
1	Amendment #6	5/6/09

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6549
REGISTERED ARCHITECT

TEMPORARY CONNECTOR
PHASE 1

RELOCATE COMMUNITY LIVING CENTER
PHASE 1

2 | JP | NS/MD

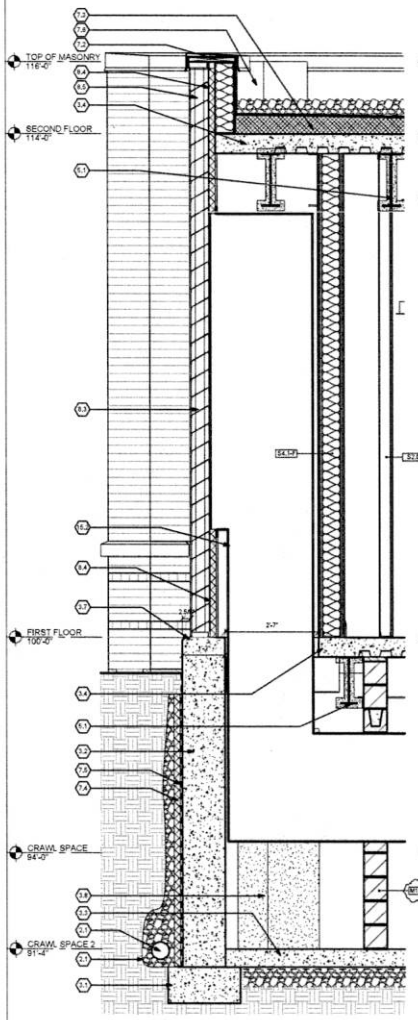
Cincinnati, Ohio

01/30/2009

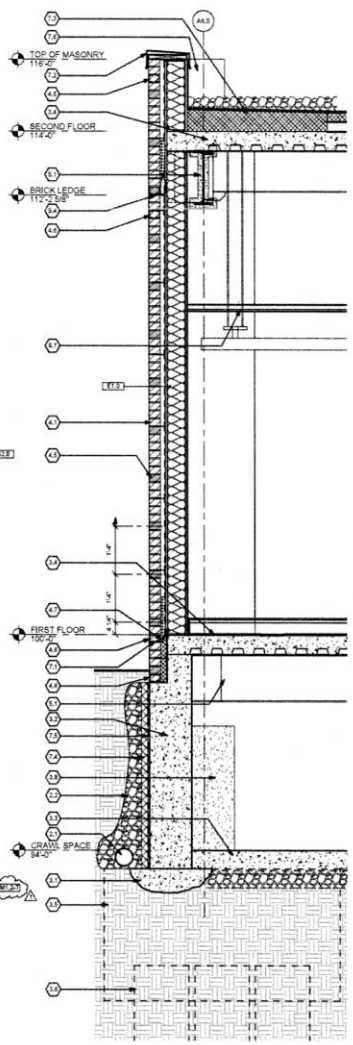
VA Project No. 519-019
JPA Project No. 0e001.01

2.1A331

Planning & Design
Department of Veterans Affairs



4 WALL SECTION
Scale: 3/4" = 1'-0"



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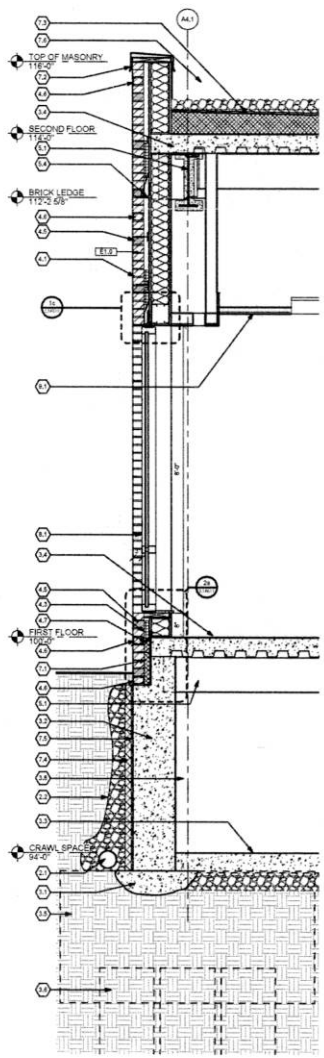

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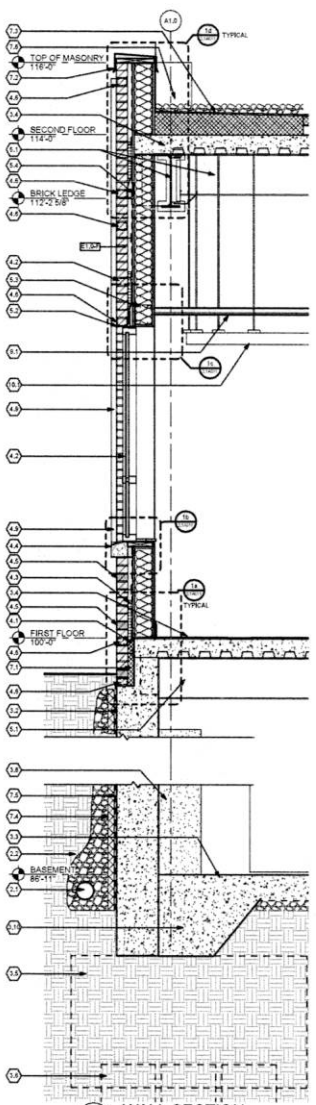

1 WALL SECTION
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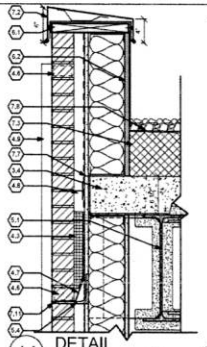
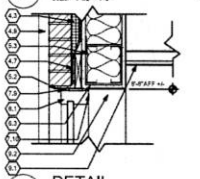


1d DETAIL
Scale: 1 1/2" = 1'-0"



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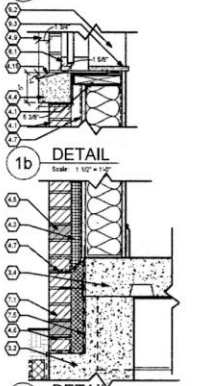
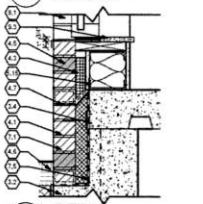


1b DETAIL
Scale: 1 1/2" = 1'-0"



1a DETAIL
Scale: 1 1/2" = 1'-0"

2a DETAIL
Scale: 1 1/2" = 1'-0"

SECTION NOTES

1.1 Existing Construction.
2.1 Perimeter drain. See civil engineering drawings.
2.2 Granular (drainage) fill.
3.1 Concrete footing. See structural Drawings.
3.2 Concrete foundation wall. See Structural Drawings.
3.3 Reinforced concrete slab over vapor barrier over 4" compacted aggregate fill. See Structural Drawings.
3.4 Concrete slab on metal deck. See Structural Drawings.
3.5 Pile cap. See structural drawings.
3.6 Piles. See Structural Drawings
3.7 1" Chamfer
3.8 Concrete pier beyond.
3.9 Metal Deck-See structural drawings.
3.10 Turn down concrete slab. See structural drawings.
4.1 Type A brick masonry.
4.2 Type B brick masonry.
4.3 Mortar mesh.
4.4 Cast stone sill.
4.5 Common bond header course at 16" O.C. Vert. (Type A masonry only.)
4.6 Full joint weepheret at 24" o.c. horz.
4.7 Through wall flashing w/ full joint weeps @ 24" o.c horz. Trim flashing tight to face of wall or brick.
4.8 Do not install brick ties above second floor slab.
4.9 Cast stone trim unit beyond.
4.10 24" wide x 28" tall (nominal), cast stone panel under Base Bid. Replace with Type A brick masonry under Deduct Alternate No. 5.
4.11 48" wide x 12" tall (nominal), cast stone panel under Base Bid. Replace with Type A brick masonry under Deduct Alternate No. 5.
4.12 Stainless steel pins and anchors as designed by cast stone panel manufacturer.
4.13 Remove and reinstall existing masonry as required to installation of through wall flashing. Support masonry above.
4.14 New through wall flashing. Turn up 8" behind existing moisture barrier.
4.15 Cast stone sill (typical window sills).
5.1 Steel beam protected w/ fireproof spray-on fireproofing. See Structural Drawings. See Code Data Sheets for fireproofing details.
5.2 Painted galvanized steel lintel. See structural drawings.
5.3 Metal stud box header. See structural drawings.
5.4 Brick shelf angle. See structural drawings.
5.5 Metal siding.
5.6 Metal flashing. Turn up 8" behind air and moisture barrier and extend 4" below grade.
5.7 Metal roof deck. See Structural Drawings.
5.8 Metal flashing. Turn up 8" behind air and moisture barrier and extend beneath wall track.
5.9 Aluminum sill flashing w/end dams finish to match storefront/curtainwall. Extend 4" below grade
5.10 Fasten 6" metal stud to beam or underside of metal deck and every vertical wall stud.
5.11 Flashing with end dams to extend 8" behind vapor/moisture barrier.
5.12 Metal roof flashing. Finish to match coping.
5.13 Metal stairs. See sheet 2.1A521.
5.14 Metal handrail. See sheet 2.1A521.
5.15 6" 16 gauge metal stud.
5.16 Future metal stairs. See sheet 2.1A521.
5.17 Steel plate. See structural.
5.18 Terminate flashing inside curtain wall system pressure cover at bottom of glazing.
6.1 2x full width of wall wood blocking.
6.2 5/8" exterior grade plywood.
6.3 2x8 pressure treated wood blocking all 4 sides of openings.
6.4 1-1/2"x2" wood blocking.
6.5 Fire treated wood blocking.
6.6 Wood chair rail. See Detail 3 on Sheet 2.1A711.
7.1 2" rigid polystyrene insulation.
7.2 Prefinished metal coping.
7.3 Roof assembly: Ballasted EPDM roof. 2" (minimum) polyisocyanurate insulation (2" maximum thickness per layer. Tapered where indicated or required) over roof deck (see structural).
7.4 2" rigid polystyrene insulation w/drainage channels.
7.5 Modified bituminous sheet waterproofing.
7.6 Column roof penetration beyond. See detail 1 on sheet2.1A321
7.7 Joint in external sheathing to permit removal of stud wall assembly for future second floor addition.
7.8 Roof membrane. Extend EPDM over top of parapet and turn down 2" min.
7.9 Aluminum storefront window.
7.10 Sealant
7.11 Sealant and backer rod between underside of thru wall flashing and brick below.
7.12 Prefinished gravel stop to match curtain wall finish.
7.13 Exterior sheathing.
7.14 Air/Moisture Barrier
8.1 Aluminum storefront window.
8.2 3" rigid insulation board and spandrel.
8.3 Louver
8.4 Insulated louver blank off panel.
8.5 Top of louver panel shall be designed to allow for extension of louver system for future second floor addition without frame element.
8.6 Aluminum sill flashing w/ end dams finish to match storefront/curtain wall.
8.7 Curtainwall shall be designed to expand vertically to carry future second floor curtain wall. Top horizontal mullion to be same as typical intermediate horizontal mullion.
8.8 Curtainwall
8.9 Existing curtainwall. Demolish door, glazing and mullions between jambs where dashed. Cap mullions and jambs with finished aluminum cover.
8.10 2-hr fire rated fire stop system: 2" fabricated mineral wool board insulation with soft basis channels behind spandrel panels, min. 4" mineral wool batt ceiling in linear gap between slab and curtain wall, capped with chemical fill material. Reference UL #CW-D-2027.
9.1 Suspended acoustic ceiling. See Reflected Ceiling Plan.
9.2 Gypsum board return.
9.3 Plastic laminate sill.
9.4 5/8" Gypsum board.
9.5 3 5/8" metal stud w/ 5/8" gypsum board soffit/bulkhead.
9.6 Stud interface at 48" o.c.
10.1 Patient lift. See reflected ceiling plans.
15.2 Duct. See mechanical drawings.

Revisions	Date
1 Amendment #6	5/4/09

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6549
REGISTERED ARCHITECT

WALL SECTIONS
PHASE 1

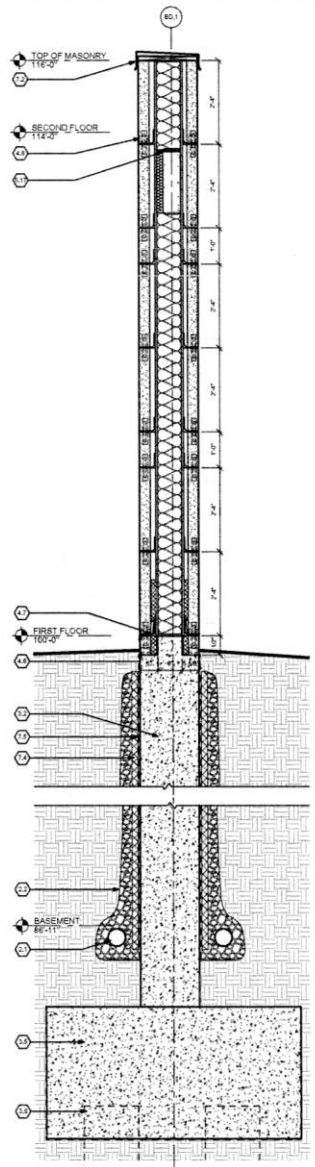
RELOCATE COMMUNITY LIVING CENTER
PHASE 1
Cincinnati, Ohio

01/30/2009
VA Project No. 539A319
JPA Project No. 5a501.01

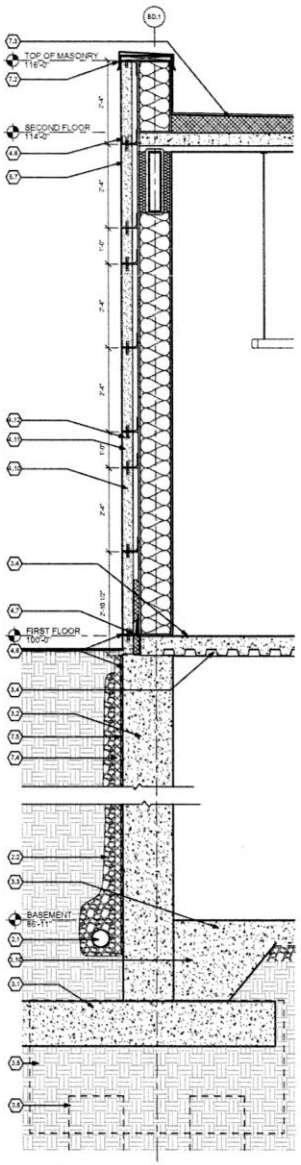
2 | JP | MD

2.1A511

Planning & Design
Department of Veterans Affairs



4 WALL SECTION
Scale: 3/4" = 1'-0"



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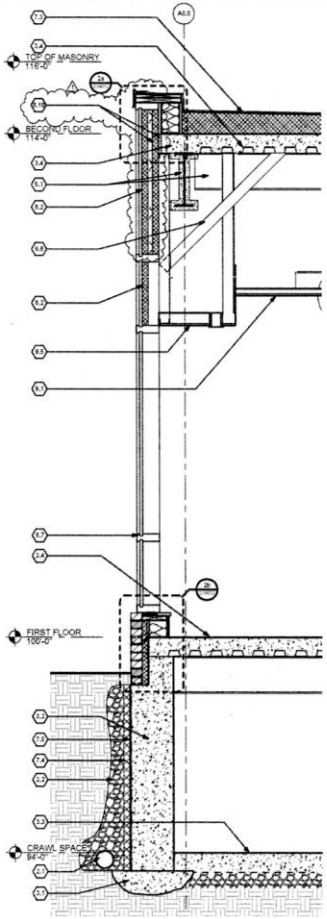

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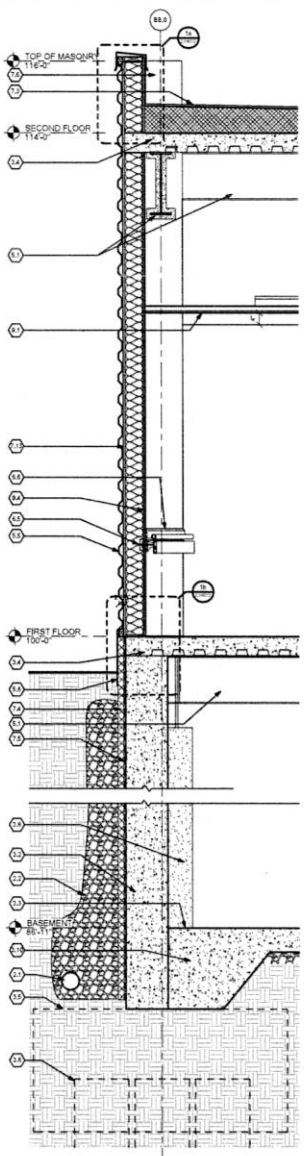

1 WALL SECTION
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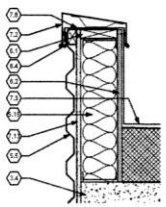
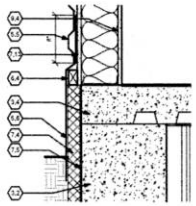
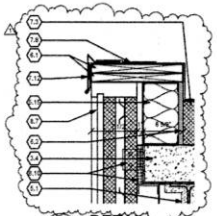


1a DETAIL
Scale: 1 1/2" = 1'-0"



1b DETAIL
Scale: 1 1/2" = 1'-0"



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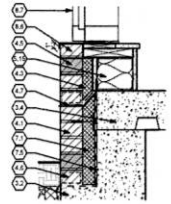
Scale: 1 1/2" = 1'-0"



2b DETAIL
Scale: 1 1/2" = 1'-0"

SECTION NOTES

1.1 Existing Construction.
2.1 Perimeter drain. See civil engineering drawings.
2.2 Granular (drainage) fill.
3.1 Concrete footing. See structural Drawings.
3.2 Concrete foundation wall. See Structural Drawings.
3.3 Reinforced concrete slab over vapor barrier over 4" compacted aggregate fill. See Structural Drawings.
3.4 Concrete slab on metal deck. See Structural Drawings.
3.5 Pile cap. See structural drawings.
3.6 Piles. See Structural Drawings
3.7 1" Chamfer
3.8 Concrete pier beyond.
3.9 Metal Deck-See structural drawings.
3.10 Turn down concrete slab. See structural drawings.
4.1 Type A brick masonry.
4.2 Type B brick masonry.
4.3 Mortar mesh.
4.4 Cast stone sill.
4.5 Common bond header course at 16" O.C. Vert. (Type A masonry only.)
4.6 Full joint weep/vent at 24" o.c. horz.
4.7 Through wall flashing w/ full joint weeps @ 24" o.c horz. Trim flashing tight to face of wall or brick.
4.8 Do not install brick ties above second floor slab.
4.9 Cast stone trim unit beyond.
4.10 24" wide x 20" tall (nominal), cast stone panel under Base Bid. Replace with Type A brick masonry under Deduct Alternate No. 5.
4.11 48" wide x 12" tall (nominal), cast stone panel under Base Bid. Replace with Type A brick masonry under Deduct Alternate No. 5.
4.12 Stainless steel pins and anchors as designed by cast stone panel manufacturer.
4.13 Remove and reinstall existing masonry as required to installation of through wall flashing. Support masonry above.
4.14 Neat through wall flashing. Turn up 8" behind existing moisture barrier.
4.15 Cast stone sill beyond windowjamb.
5.1 Steel beam protected w/ fire-rated spray-on fireproofing. See Structural Drawings. See Code Data Sheets for fireproofing details.
5.2 Metal stud joist header. See structural drawings.
5.3 Metal stud box header. See structural drawings.
5.4 Brick shelf angle. See structural drawings.
5.5 Metal siding.
5.6 Metal flashing. Turn up 8" behind air and moisture barrier and extend 4" below grade.
5.7 Metal roof deck. See Structural Drawings.
5.8 Metal flashing. Turn up 8" behind air and moisture barrier and extend beneath wall track.
5.9 Aluminum sill flashing w/end dams finish to match storefront/curtainwall.Extend 4" below grade
5.10 Fasten 6" metal stud to beam or underside of metal deck and every vertical wall stud.
5.11 Flashing with end dams to extend 6" behind vapor/moisture barrier.
5.12 Metal roof flashing. Finish to match coping.
5.13 Metal stairs. See sheet 2.1A521.
5.14 Metal handrail. See sheet 2.1A521.
5.15 6" 16 gauge metal stud.
5.16 Fixture metal stairs. See sheet 2.1A521.
5.17 Steel plate. See structural.
5.18 Terminate flashing inside curtain wall system pressure cover at bottom of glazing.
6.1 2x full width of wall wood blocking.
6.2 5/8" exterior grade plywood.
6.3 2x8 pressure treated wood blocking all 4 sides of openings.
6.4 1-1/2"x2" wood blocking.
6.5 Fire treated wood blocking.
6.6 Wood chair rail. See Detail 3 on Sheet 2.1A711.
7.1 2" rigid polystyrene insulation.
7.2 Prefinished metal coping.
7.3 Roof assembly: Ballasted EPDM roof , 2" (minimum) polyisocyanurate insulation (2" maximum thickness per layer. tapered where indicated or required) over roof deck (see structural).
7.4 2" rigid polystyrene insulation withdrainage channels.
7.5 Modified bituminous sheet waterproofing.
7.6 Column roof penetration beyond. See detail 1 on sheet2.1A521
7.7 Joint in external sheathing to permit removal of stud wall assembly for future second floor addition.
7.8 Roof membrane. Extend EPDM over top of parapet and turn down 3" min.
7.9 Aluminum storefront window.
7.10 Sealant
7.11 Sealant and backer rod between underside of thru wall flashing and brick below.
7.12 Prefinished gravel stop to match curtain wall finish.
7.13 Exterior sheathing.
7.14 Air/Moisture Barrier
8.1 Aluminum storefront window.
8.2 3" rigid insulation board and spandrel.
8.3 Louver
8.4 Insulated louver blank off panel.
8.5 Top of louver panel shall be designed to allow for extension of louver system for future second floor addition without frame element.
8.6 Aluminum sill flashing w/ end dams finish to match storefront/curtain wall.
8.7 Curtain wall shall be designed to expand vertically to carry future second floor curtain wall. Top horizontal mullion to be same as typical intermediate horizontal mullion.
8.8 Curtain wall
8.9 Existing curtain wall. Demolish door, glazing and mullions between jambs where dashed. Cap mullions and jambs with finished aluminum cover.
8.10 2x6 fire rated fire stop system:2" foil-faced mineral wool board insulation with stiff back channels behind spandrel panels. min. 4" mineral wool ball safing in linear gap between slab and curtain wall, capped with chemical fill material. References UL #CW-S-2021.
9.1 Suspended acoustic ceiling. See Reflected Ceiling Plan.
9.2 Gypsum board return.
9.3 Plastic laminate sill.
9.4 5/8" Gypsum board.
9.5 3 5/8" metal stud w/ 5/8" gypsum board soffit/bulkhead.
9.6 Stud kickerbrace at 48" o.c.
10.1 Patient lift. See reflected ceiling plans.
15.2 Duct. See mechanical drawings.

Revisions		Date
	Amendment #6	3/6/09

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STATE OF OHIO
JOHN A POE
6549
REGISTERED ARCHITECT

WALL SECTIONS
PHASE 1

RELOCATE COMMUNITY LIVING CENTER
PHASE 1

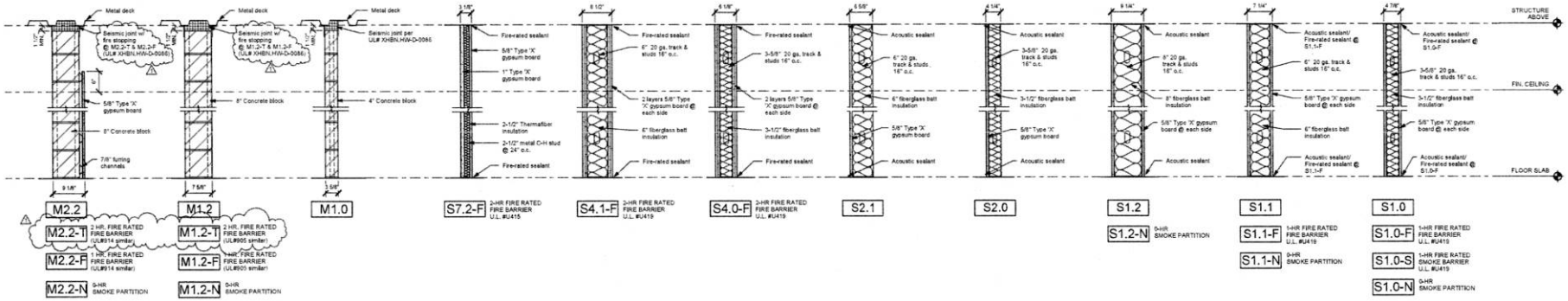
2 | JP | MD

Cincinnati, Ohio

01/30/2009

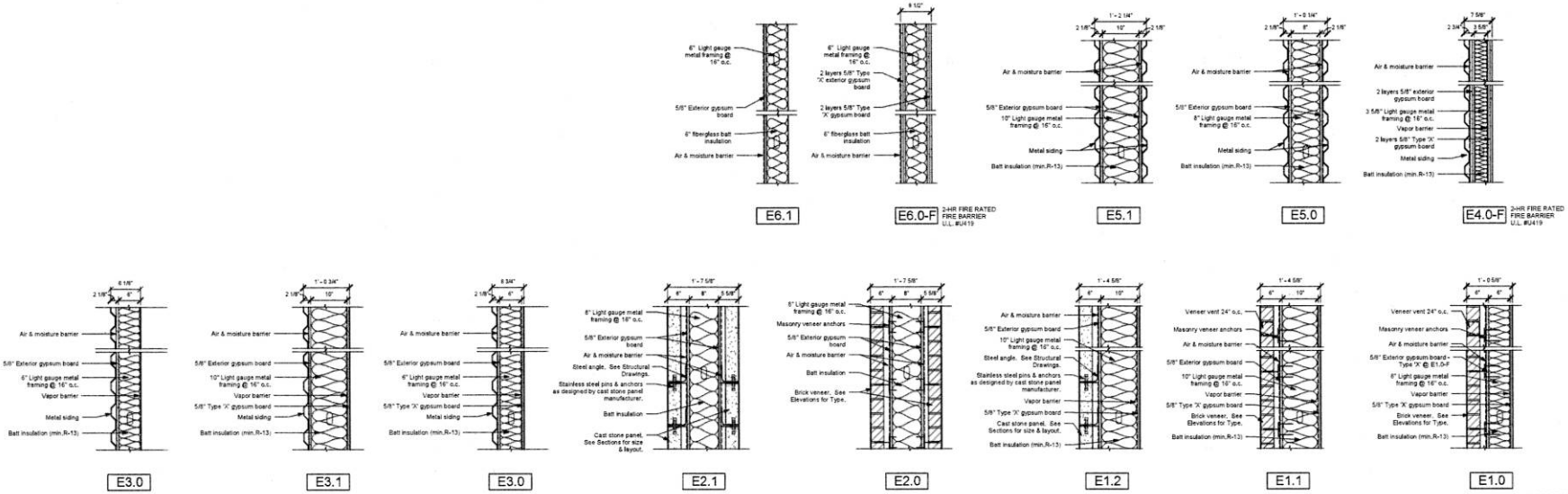
2.1A512

Planning & Design
Department of Veterans Affairs



INTERIOR WALL TYPES

Scale: 1" = 1'-0"



EXTERIOR WALL TYPES

Scale: 1" = 1'-0"

Revisions		Date
1	Amendment #6	5/6/09

JOHN POE ARCHITECTS

STATE OF OHIO JOHN A. POE 6549 REGISTERED ARCHITECT

WALL TYPES

PHASE 1

RELOCATE COMMUNITY LIVING CENTER

PHASE 1

2 | JP | NS

Cincinnati, Ohio

01/30/2009

2.1A601

Planning & Design

Department of Veterans Affairs