

**Architectural Keynotes**

AK-01	Align
AK-02	Not in Contract
AK-03	Core & Shell ADA ramp
AK-04	Core & Shell entry terrace
AK-05	Core & Shell planters
AK-06	Core & Shell awning
AK-07	Core & Shell window wells
AK-08	Core & Shell construction
AK-09	Existing Base Building construction to remain
AK-10	Existing Base Building column to remain
AK-11	Systems furniture workstations
AK-12	One-way observation window
AK-13	Closet rod and shelf
AK-14	Prefabricated raised access floor assembly
AK-15	Prefabricated metal ramp assembly
AK-16	See Core & Shell Construction Documents for restoration and modification work in the indicated room.
AK-17	Vinyl transition strip
AK-18	Install fire extinguisher and cabinet as part of Interior Fitout work. Item is not part of Core & Shell work.
AK-19	Hold framing for the indicated column casing as close to the column as possible to minimize overall dimensions.
AK-20	Suspended 5/8" gypsum board ceiling assembly - Paint
AK-21	Gypsum board bulkhead - Paint
AK-22	Cable tray - See Electrical for specifications
AK-23	Seal opening at cable tray penetrations with firestop pillows in accordance with UL Design #WL4043 for 2 hour rating on 1st Floor & core penetrations - 1 hour rating on all other floors.
AK-24	Aluminum/glass window assembly

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**Construction Documents for Interior Improvements to:**  
**410 E. Street, NW**  
**District of Columbia Courts**  
**410 E. Street NW**  
**Washington DC 20001**

Project Title	
Client Name	
Building Address	

ISSUED FOR	DATE
100% Review Submission	09.27.2010
75% Review Submission	09.03.2010

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

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Accepted By:  
 Joseph E. Sanchez, Jr.  
 Capital Projects and Facilities Management Officer  
 Contracting Officer  
 District of Columbia Courts

**410 E. Street, NW**  
**Furniture Plan - 1st Floor**

Date: 09.27.2010  
 Scale: 1/8" = 1'-0"  
 Checked by: PB  
 Drawn by: JM/EL  
 Planned by: PB

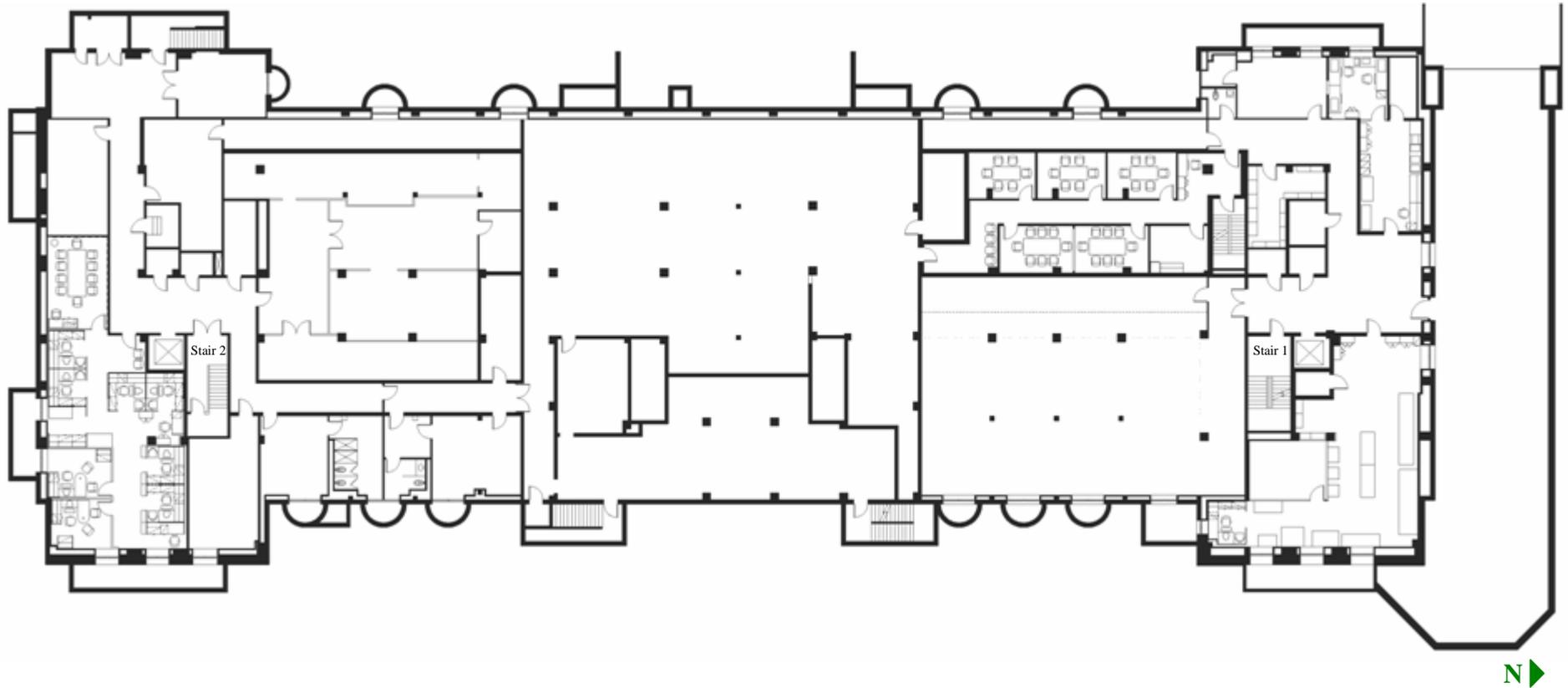
**100% REVIEW SUBMISSION ONLY - NOT FOR CONSTRUCTION**







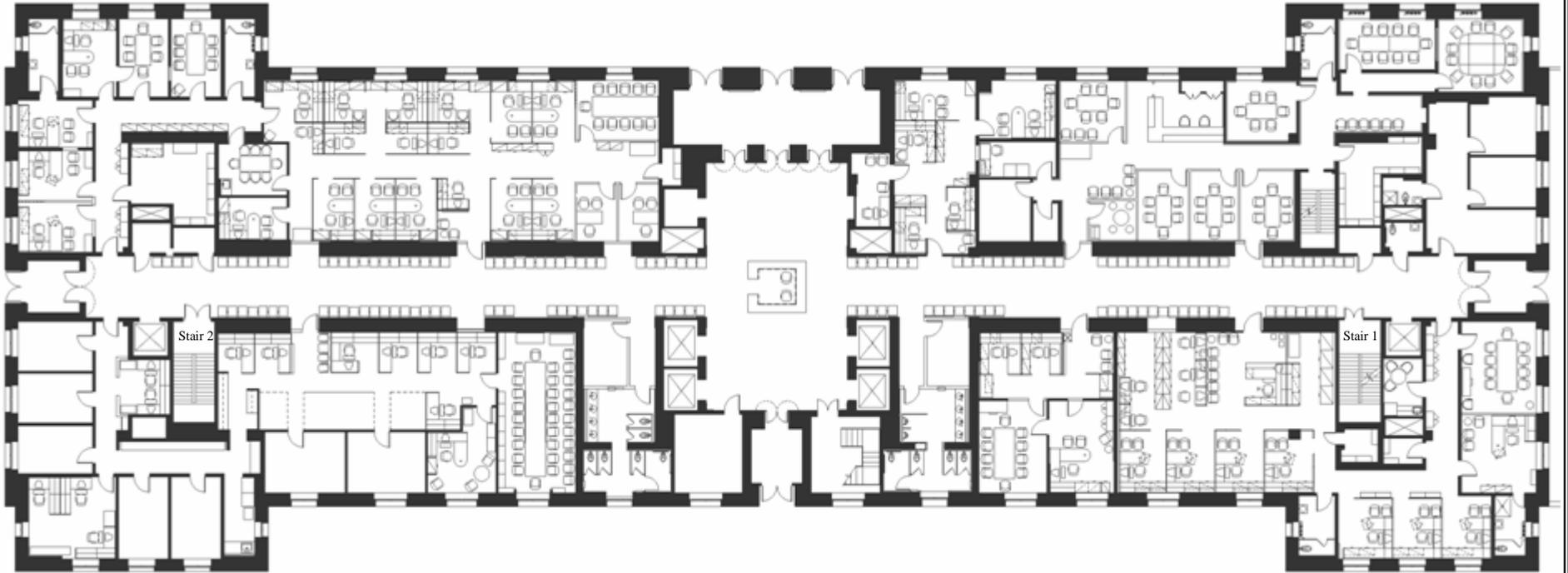
# DC Courts @ Building A Basement Floor Plan





# DC Courts @ Building A

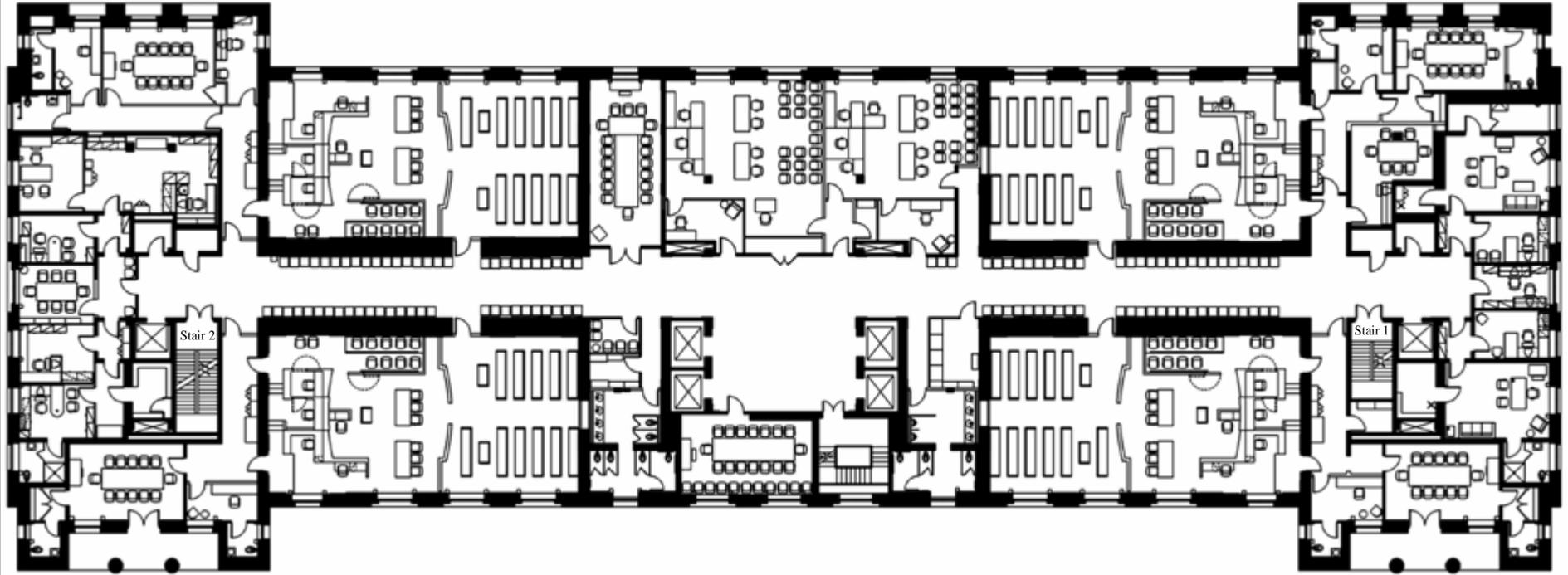
## 1st Floor Plan





# DC Courts @ Building A

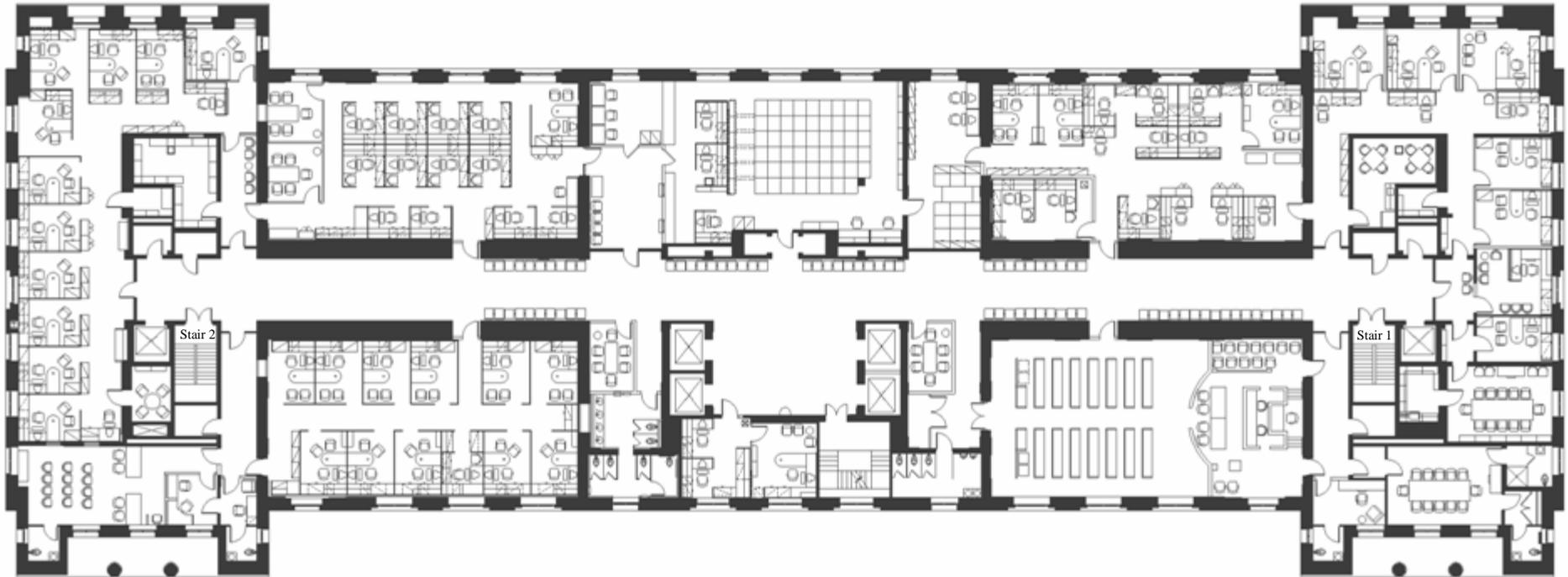
## 2<sup>nd</sup> Floor Plan





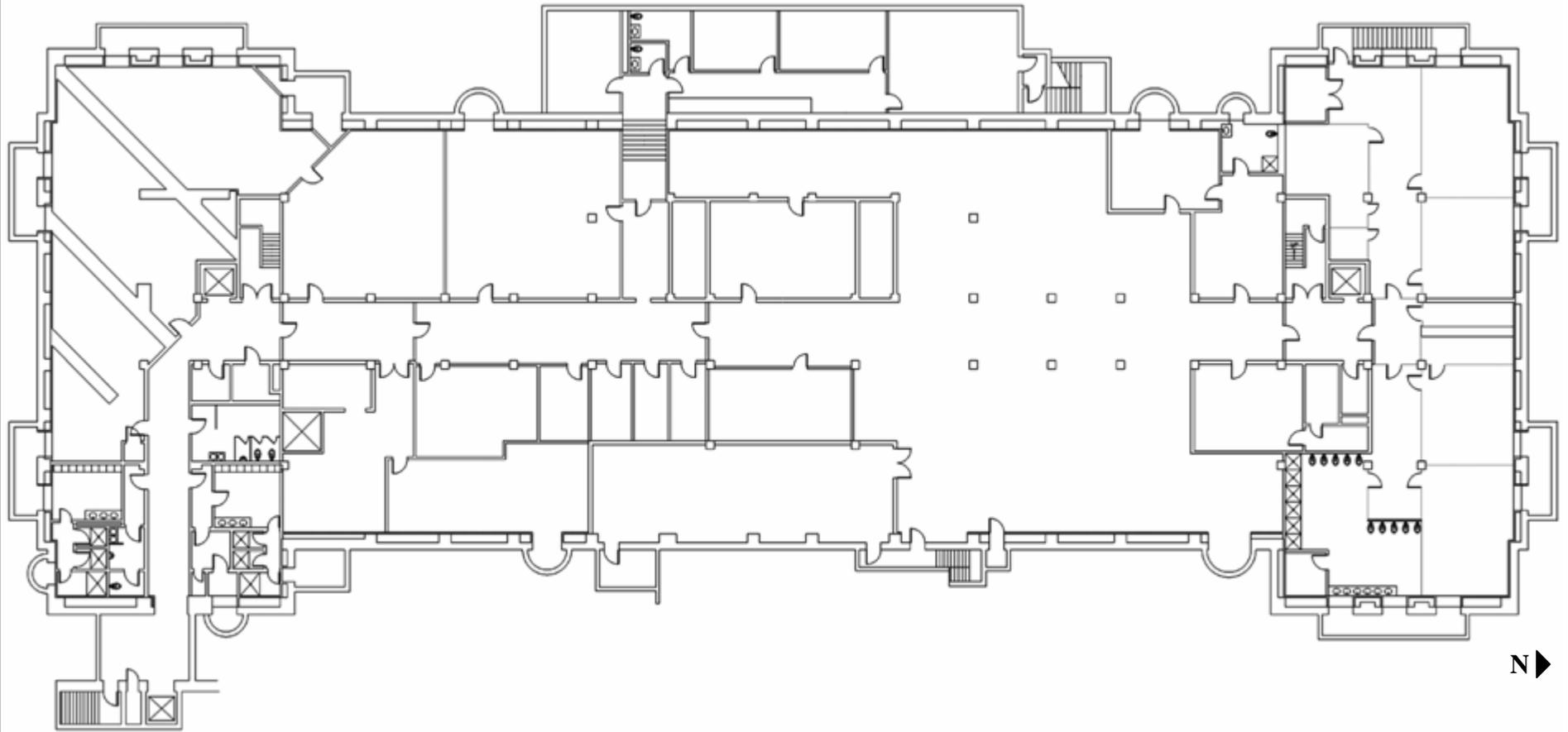
# DC Courts @ Building A

## 3<sup>rd</sup> Floor Plan





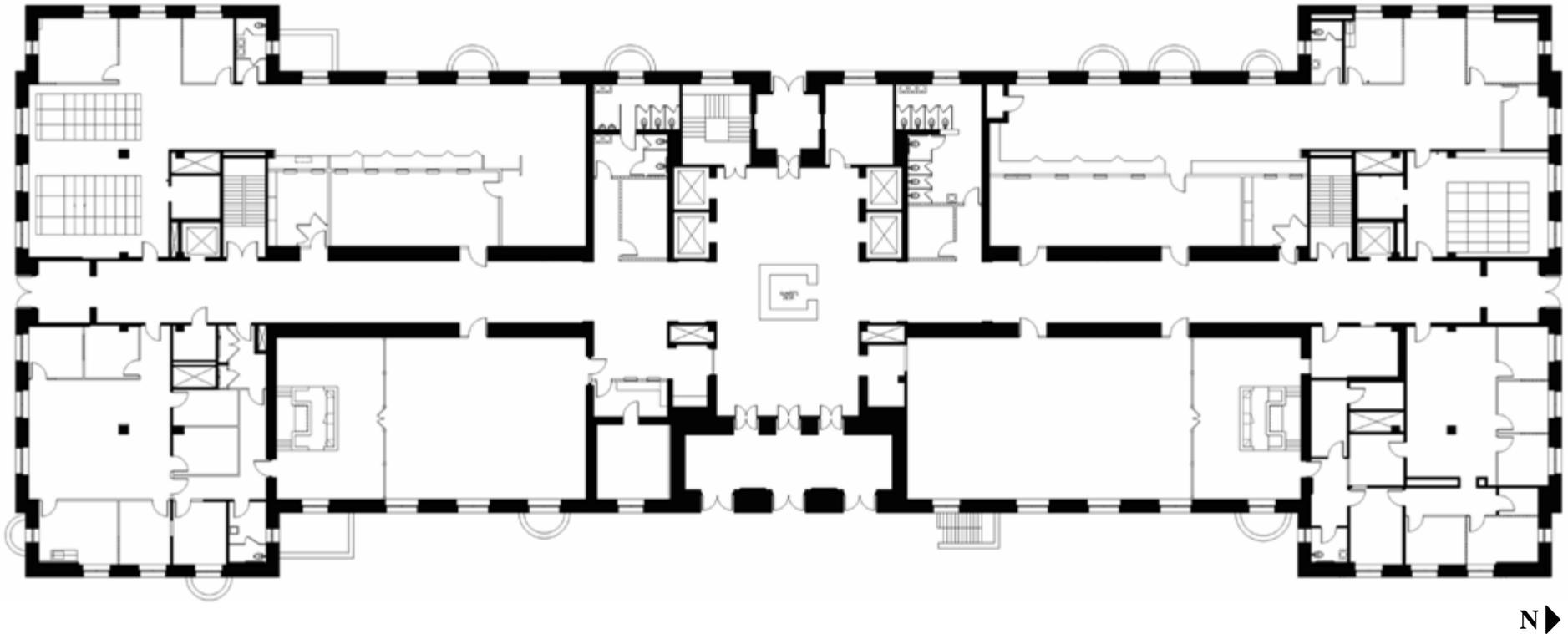
# DC Courts @ Building B Basement Floor Plan





# DC Courts @ Building B

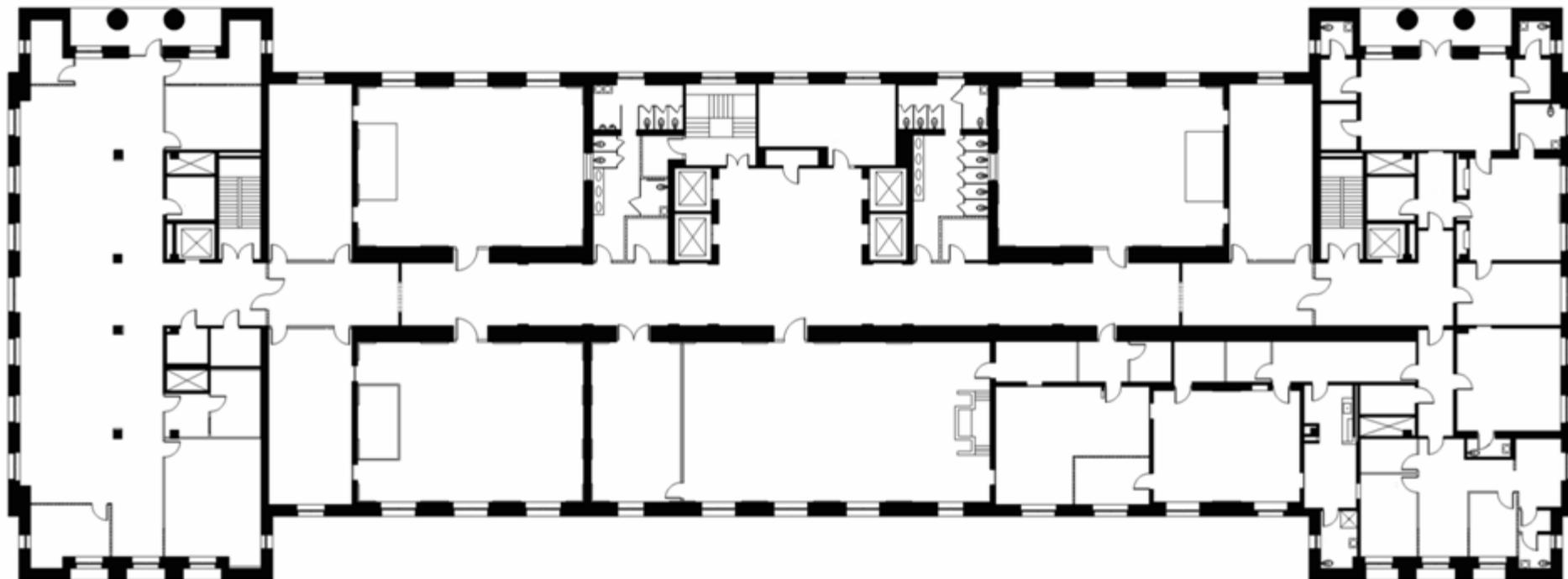
## 1<sup>st</sup> Floor Plan





# DC Courts @ Building B

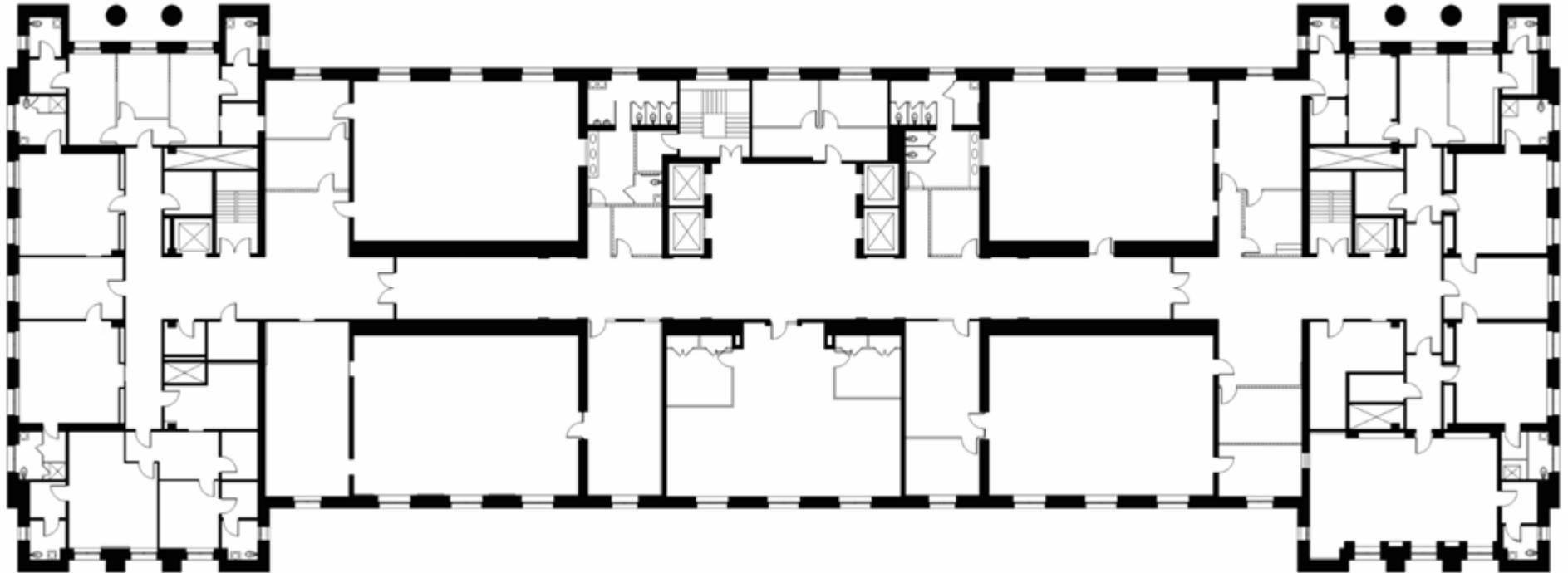
## 2<sup>nd</sup> Floor Plan





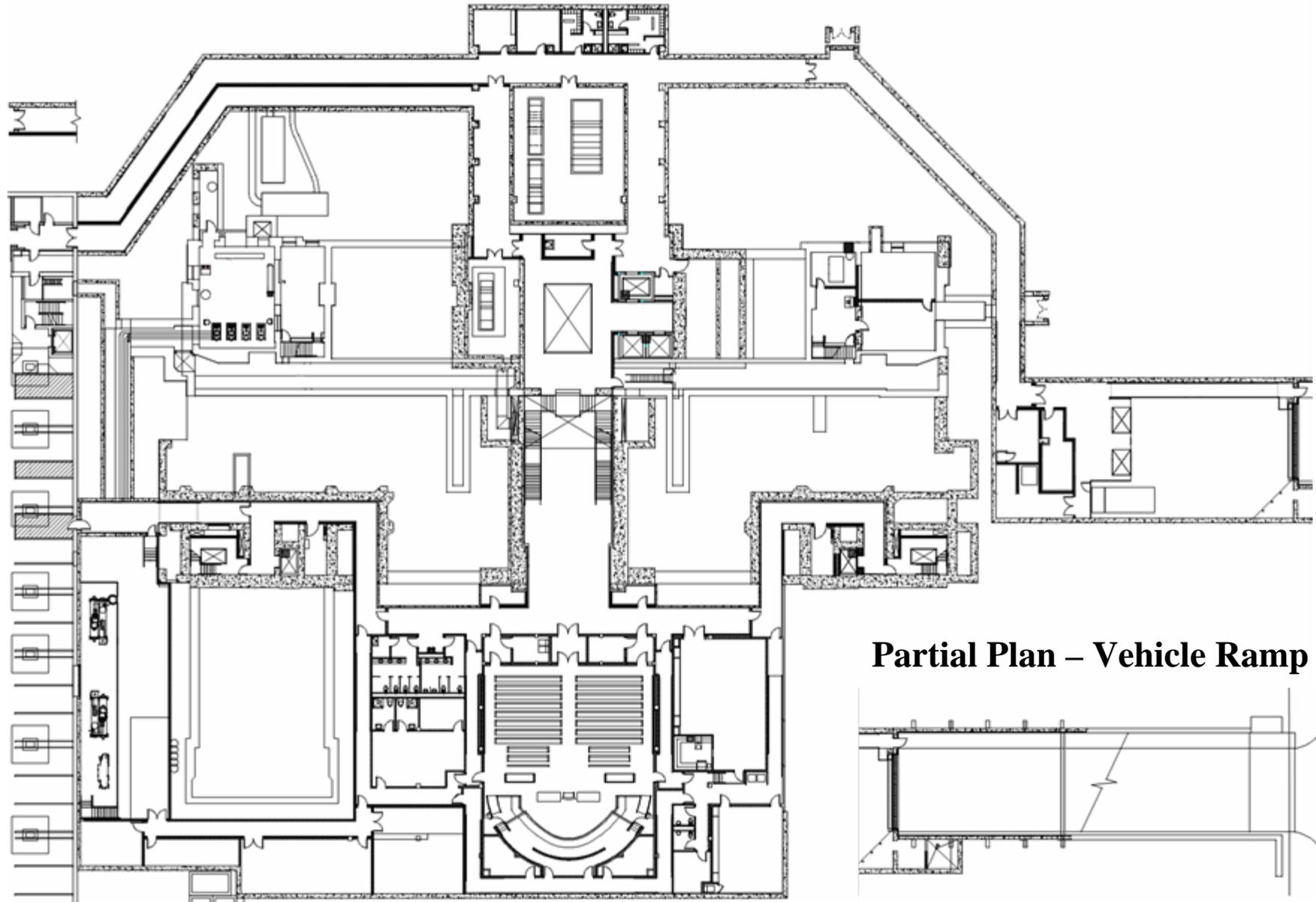
# DC Courts @ Building B

## 3<sup>rd</sup> Floor Plan

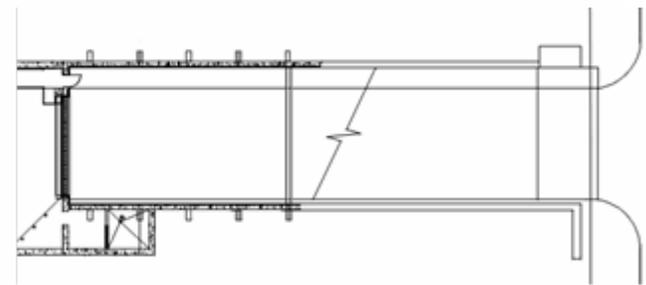




# DC Courts @ Bldg D Basement Plan



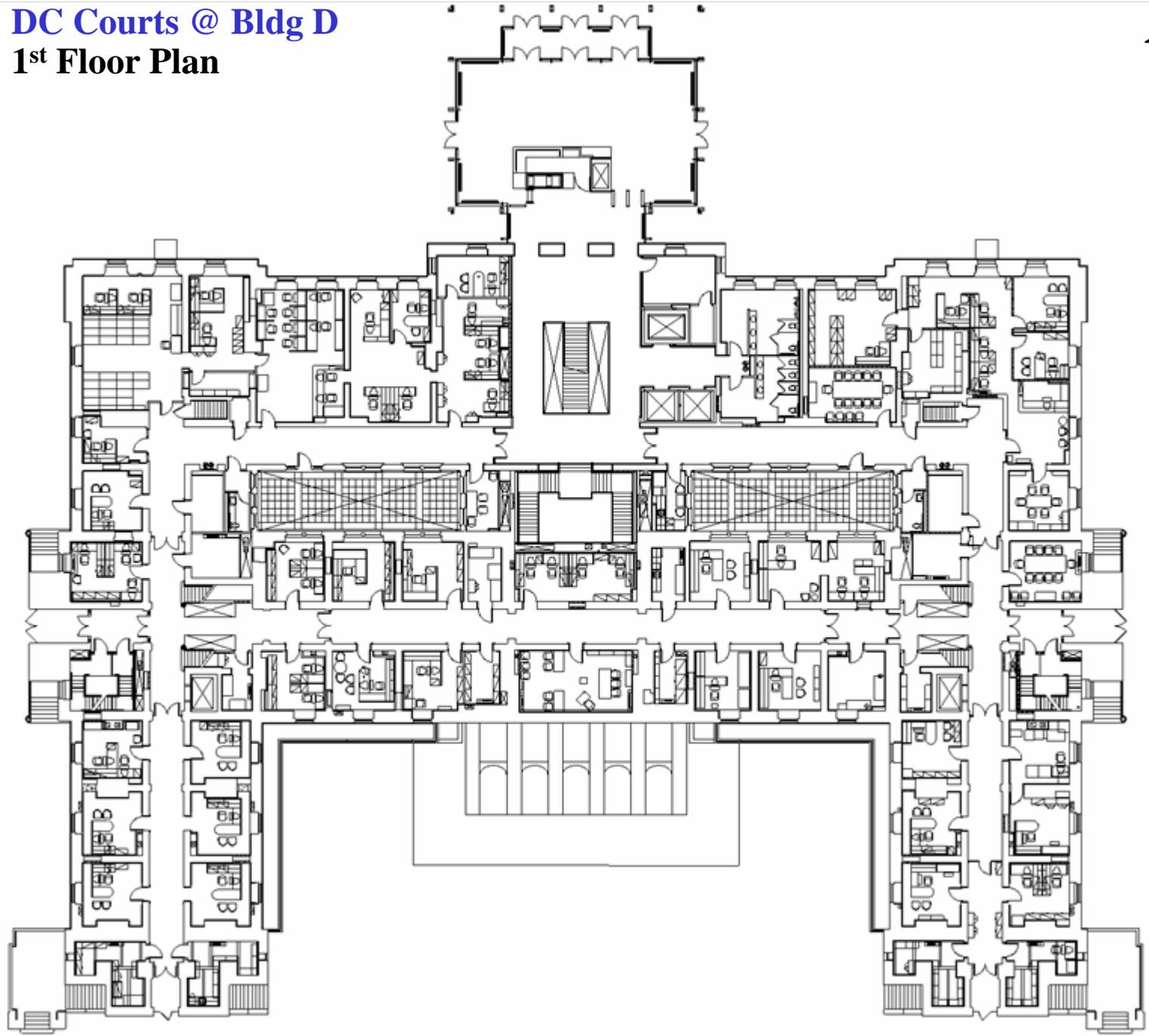
**Partial Plan – Vehicle Ramp**





# DC Courts @ Bldg D

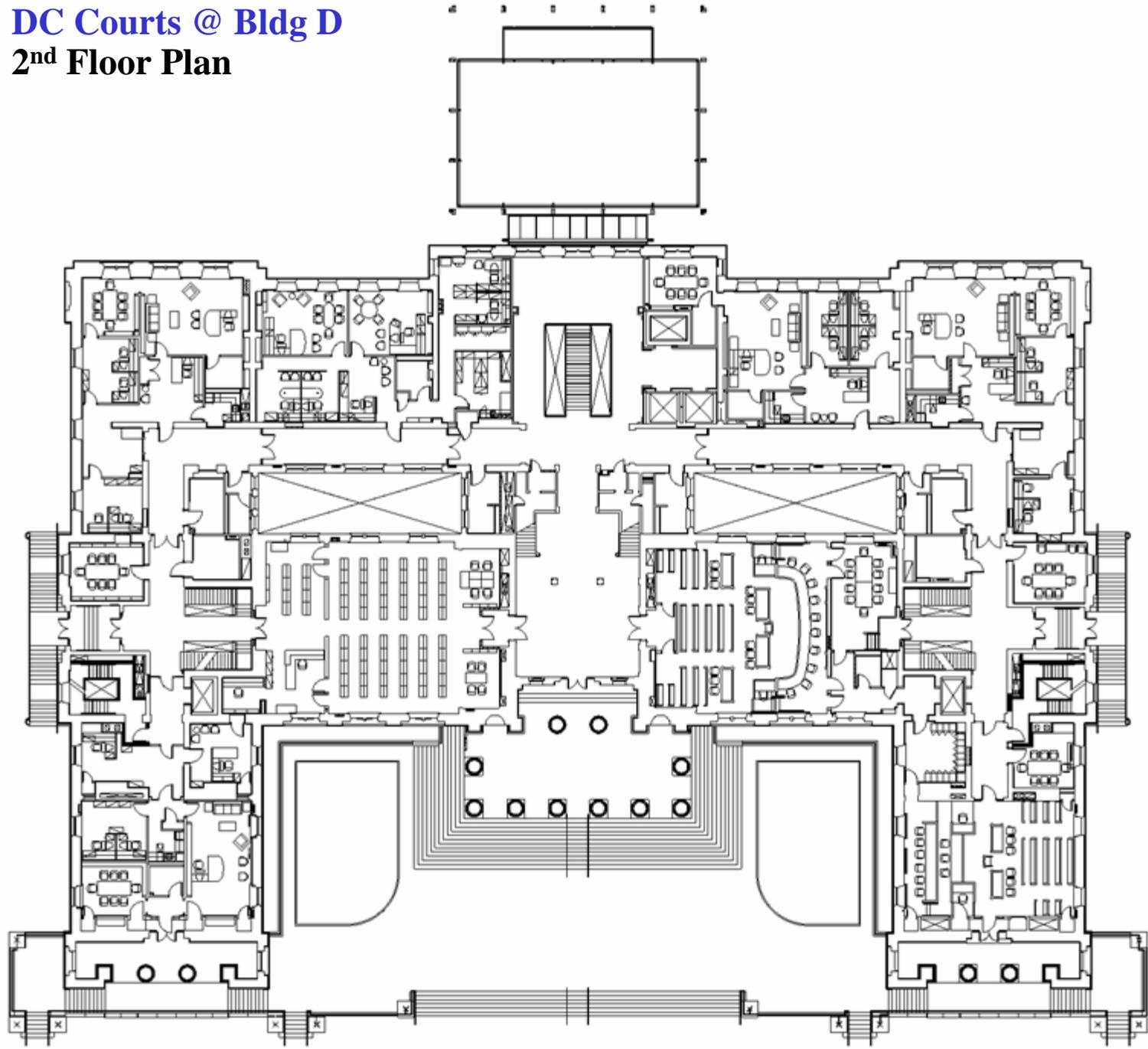
## 1<sup>st</sup> Floor Plan





# DC Courts @ Bldg D

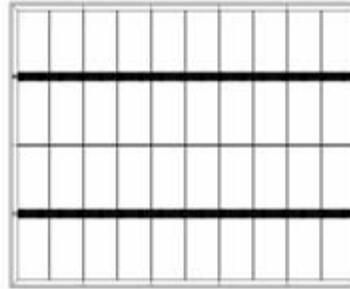
## 2<sup>nd</sup> Floor Plan





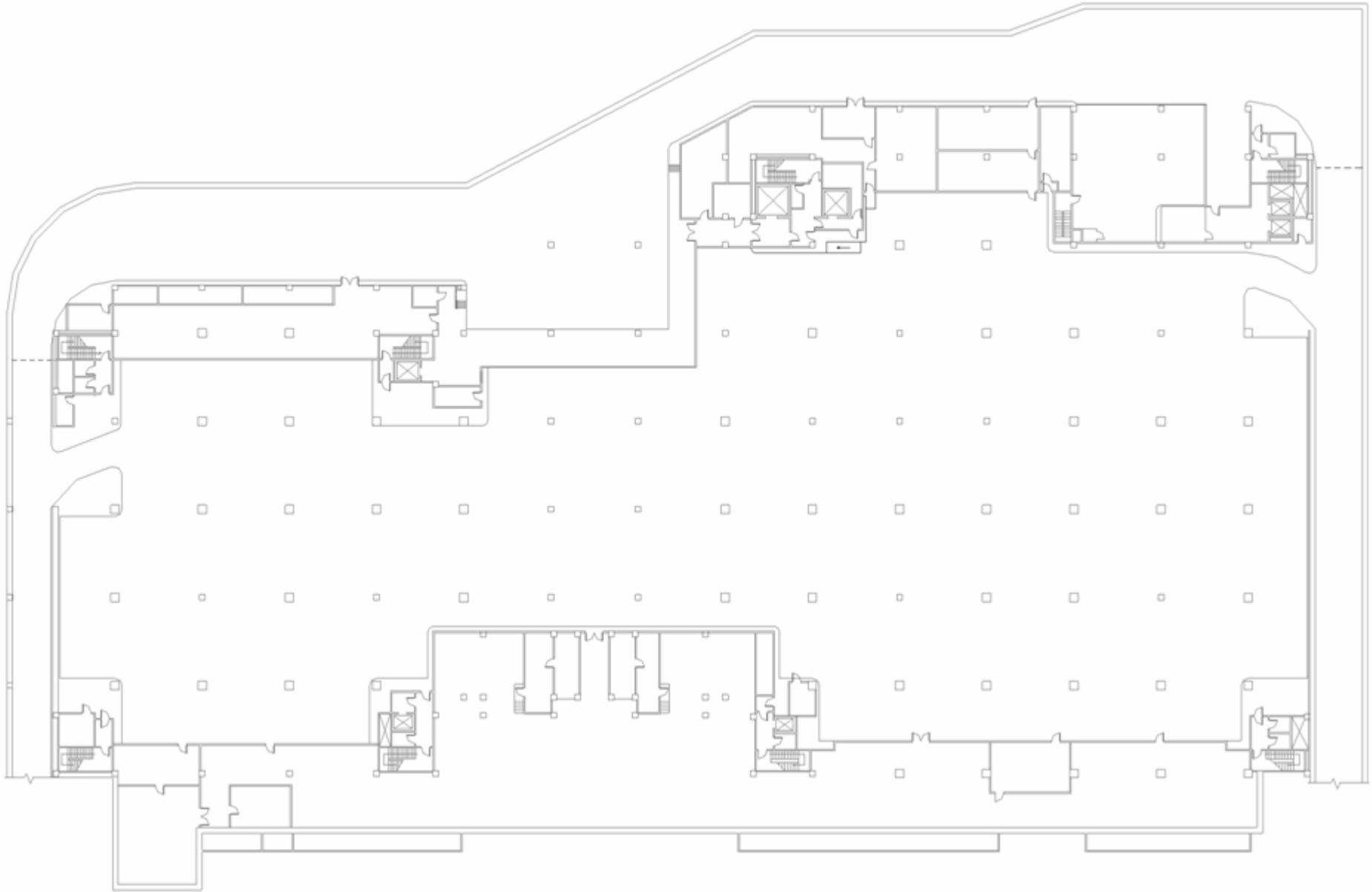
# DC Courts @ Bldg D

## 3<sup>rd</sup> Floor Plan



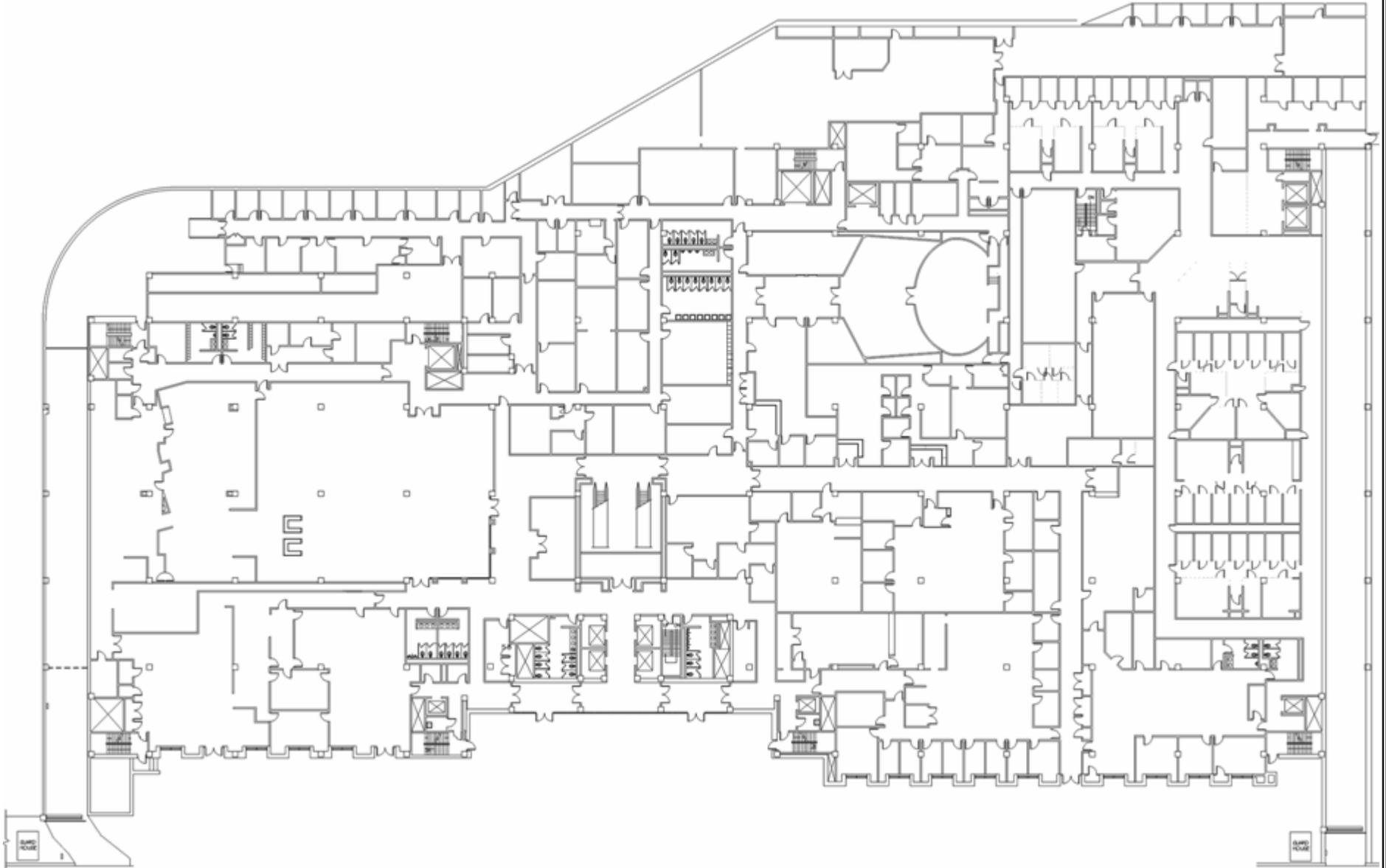


# DC Courts @ Moultrie Bldg. Parking Level



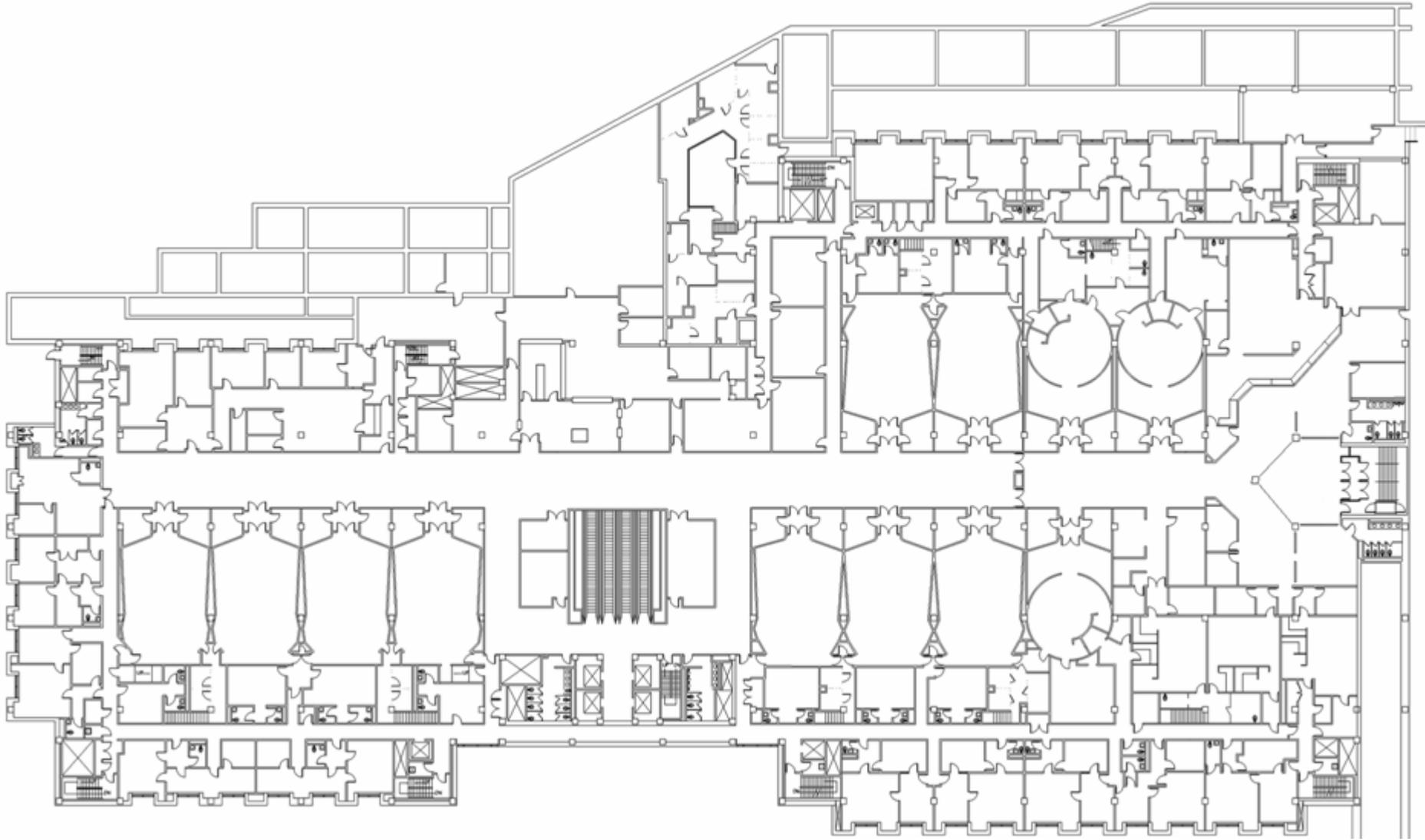


# DC Court System @ Moultrie Bldg. C-Street Level



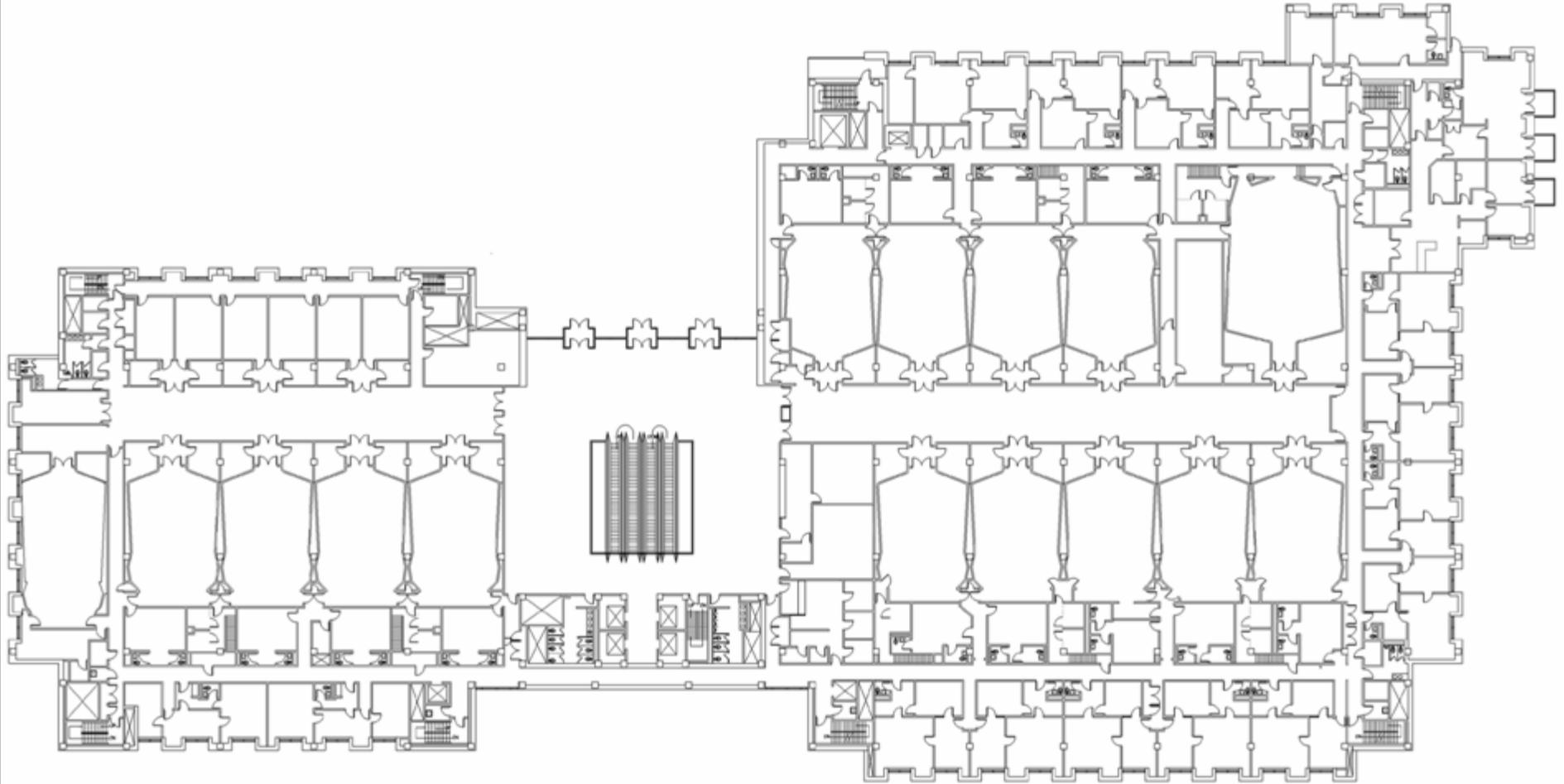


# DC Court System @ Moultrie Bldg. JM Level



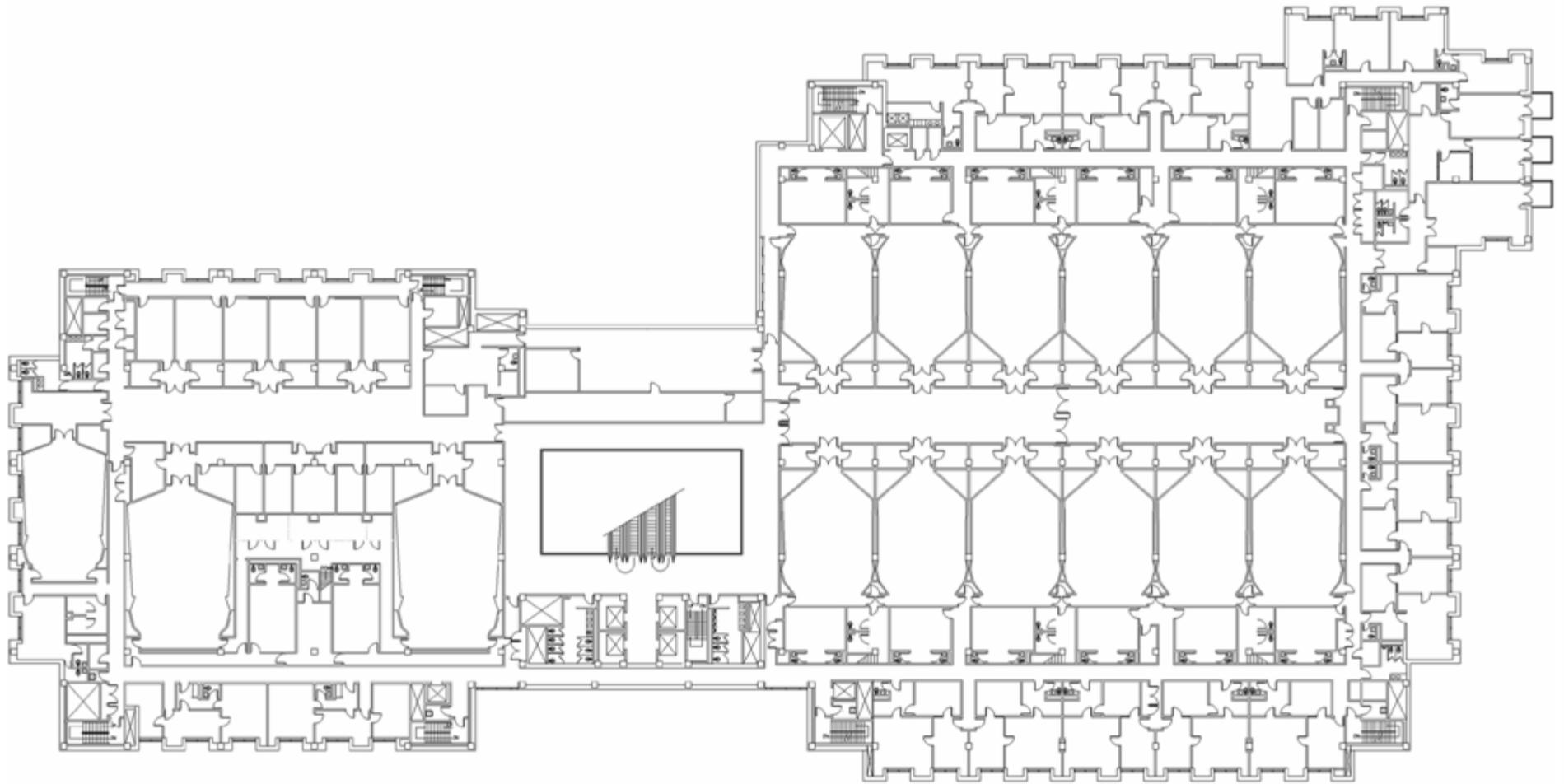


# DC Courts @ Moultrie Bldg. 1<sup>st</sup> Floor / Indiana Level



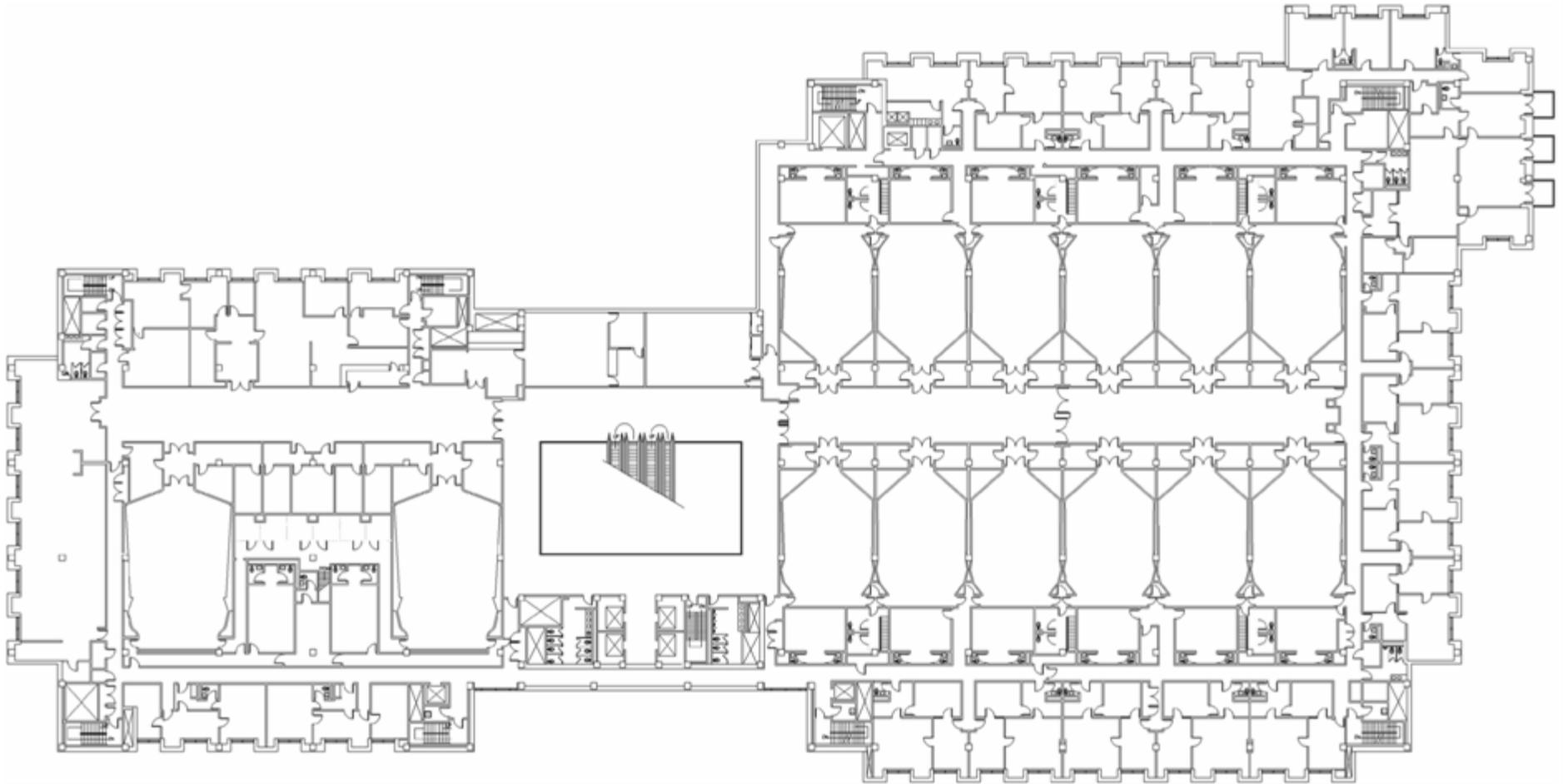


# DC Courts @ Moultrie Bldg. 2<sup>nd</sup> Floor



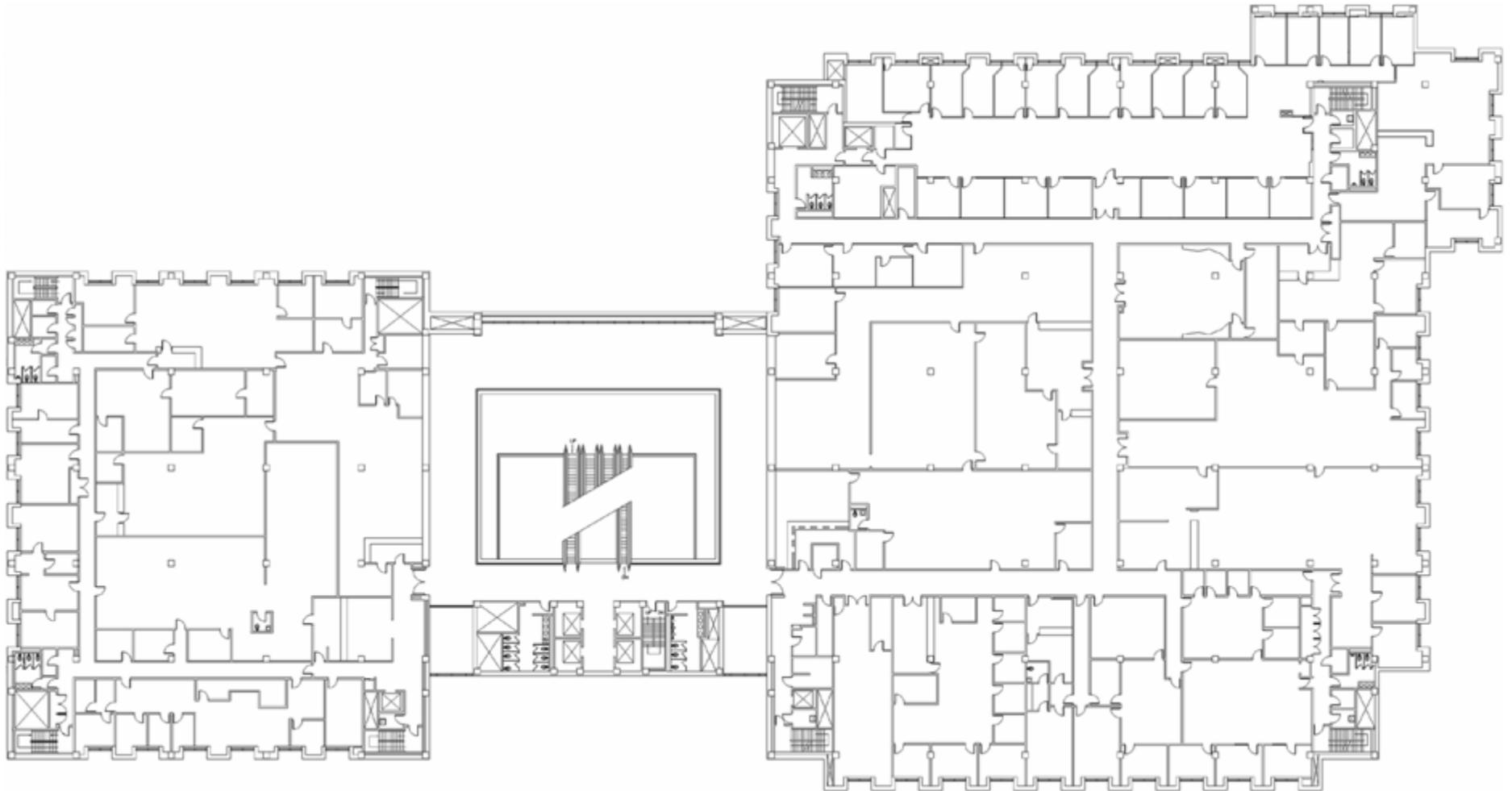


# DC Courts @ Moultrie Bldg. 3<sup>rd</sup> Floor



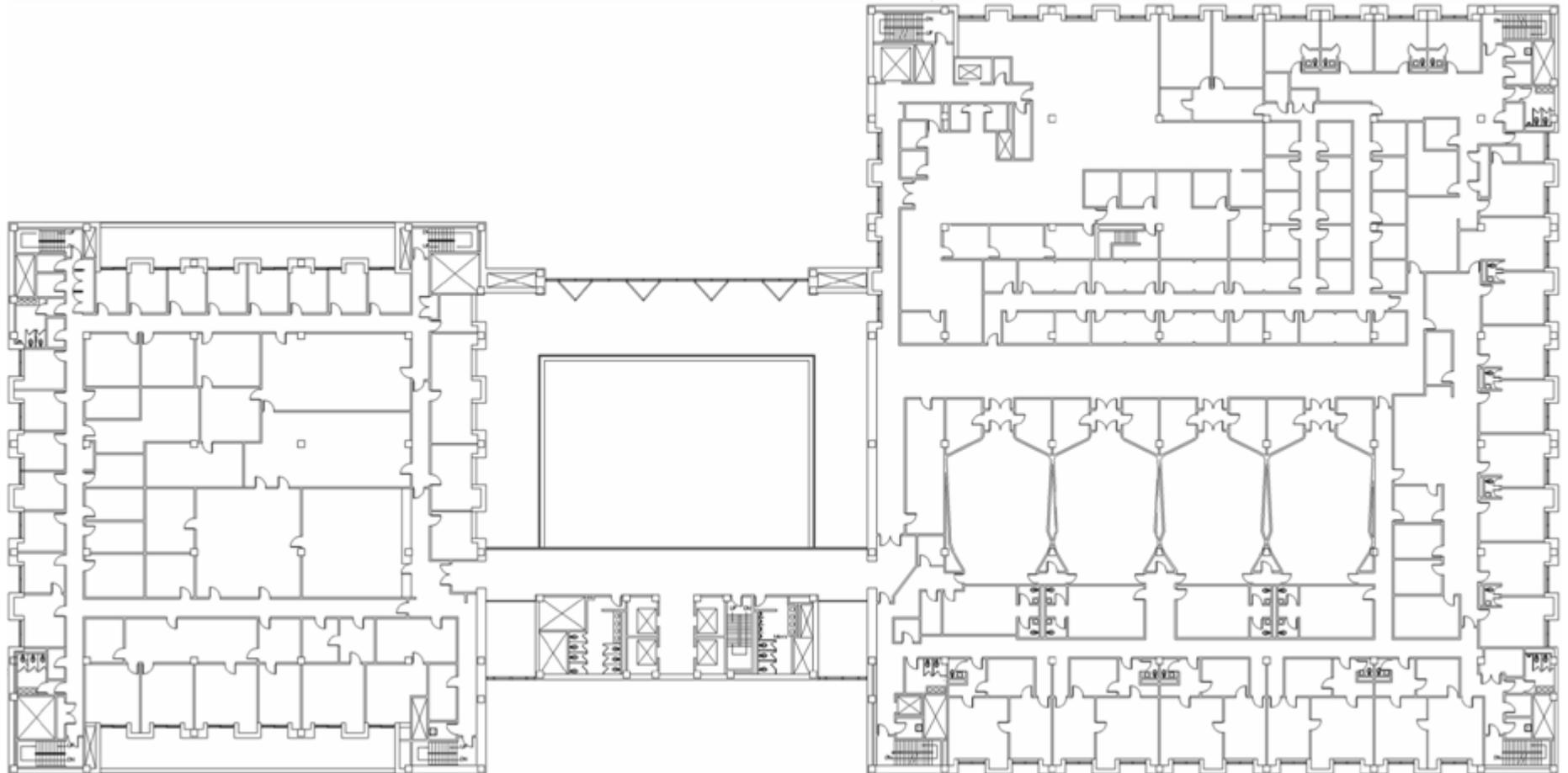


# DC Courts @ Moultrie Bldg. 4<sup>th</sup> Floor



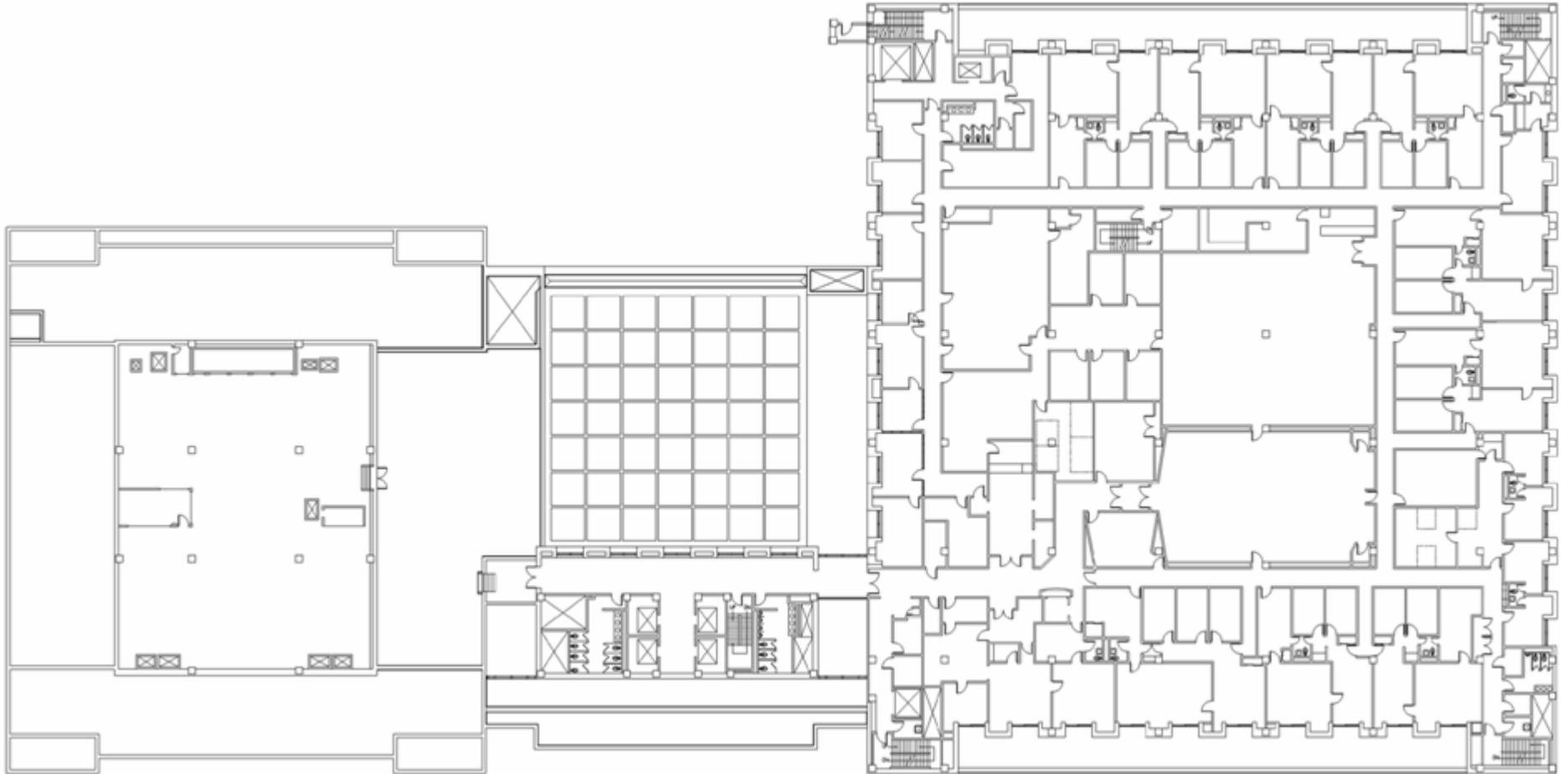


# DC Courts @ Moultrie Bldg. 5<sup>th</sup> Floor





# DC Courts @ Moultrie Bldg. 6<sup>th</sup> Floor



Standard Abbreviations

∠	angle	NAT	natural
⊙	centerline	NRC	noise reduction coefficient
#	number	NOM	normal
⊕	plate	N	north
⊖	round/phase (elec.)	NIC	not in contract
		NTS	not to scale
AFB	above finished floor	OC	on center(s)
ACT	acoustical tile	OPG	opening
ADJ	adjacent	OPP	opposite
AC	air conditioning	OV	overall
ALT	alternate	OH	overhead
BLK	block	PNT	paint(ed)
BLKG	blocking	PNL	panel
		PAR	parallel
CPT	carpet(ed)	PRD	particle board
CLG	ceiling	PTN	partition
CT	ceramic tile	PED	pedestal
CLR	clear(ance)	PLAM	plastic laminate
CL	column	PWD	plywood
CONC	concrete	PT	point
CMU	concrete masonry unit	POL	polished
CONST	construction	PDP/T	power/data/telephone
CONT	continuous or continue	PFAB	prefabricate(d)
		PFIN	prefinish
		PREP	preparation
DTL	detail		
DIAG	diagonal		
DIAM	diameter		
DIM	dimension		
DIV	division	QT	quarry tile
DBL	double		
DN	down	RAD	radius
DWR	drawer	REC	recessed
DWG	drawing	REF	reference
		REQ	require(d)
		RES	resilient
EA	each	RA	return air
E	east	REV	revision(s), revised
ELEC	electric(al)	RH	right hand
EL	elevation	RM	room
ELEV	elevator	RO	rough opening
EMER	emergency	R	riser
ENCL	enclosure(s)		
EQ	equal	SCH	schedule
EQPT	equipment	SEC	section
EST	estimate	SFP CIR	separate circuit
EXH	exhaust	SHT	sheet
EXIST	existing	SIM	similar
EXP	exposed	SC	solid core
EXT	exterior	STC	sound transmission class
		S	south
FAB	fabric	SPKR	speaker
FT	feet, foot	SPEC	specification(s)
FN	finished	SQ	square
FFE	finished floor elevation	SF	square feet
FFL	finished floor line	SS	stainless steel
FA	fire alarm	STD	standard
FE	fire extinguisher	STL	steel
FEC	fire extinguisher cab.	SUS	suspended
FHS	fire hose station	SYS	system
FLR	flooring		
FLUOR	fluorescent	TKBD	teletype
FH	full height	TEL	teletype
FS	full size	THK	thickness
FW	full width	T	tread
FBO	furnished by others	TOS	top of slab
FBT	furnished by tenant	TYP	typical
FUT	future		
GA	glass, glaze	UNF	unfinished
GC	general contract(or)	UNO	unless noted otherwise
GL	glass, glazing		
GF	ground fault interrupter	VFY	verify
GYP BD	gypsum wall board	VIF	verify in field
		VERT	vertical
		VWC	vinyl wall covering
		VT	vinyl tile
		V	volt
HDW	hardware	W	weight
HWD	hardwood	WH	water closet
HDR	header	WC	water closet
HTG	heating	W	width, wide
HVAC	heating/ventilating/air conditioning	W	width
		W	width
HT	height	W/O	without
HC	hollow core	WO	wood
		WT	weight
HM	hollow metal	W	width, wide
HOR	horizontal	W	width
		W/O	without
		WO	wood
IN	inch		
INCL	include(d), (ing)		
INFO	information		
ID	inside diameter		
INST	install(ed), (ation)		
INT	interior		
JC	janitor's closet		
JT	joint		
JB	junction box		
KD	knock down		
KO	knock out		
LBS	pounds		
LAM	laminat(e)		
LAV	lavatory		
L	length		
LT	light		
LF	linear feet		
LG	long		
MFR	manufacturer(s)		
MAS	masonry		
MAX	maximum		
MED	medium		
MET	metal		
MEZZ	mezzanine		
MWK	milwork		
MIN	minimum		
MISC	miscellaneous		
MOD	modular		
MLDG	molding, moulding		
MTD	mount(ed), (ing)		

Vicinity Map



# Construction Documents for Interior Improvement to: District of Columbia Courts Gallery Place - 5th Floor

Project Title

Building Address

Gallery Place  
616 H Street, Suite 500  
Washington, DC 20001



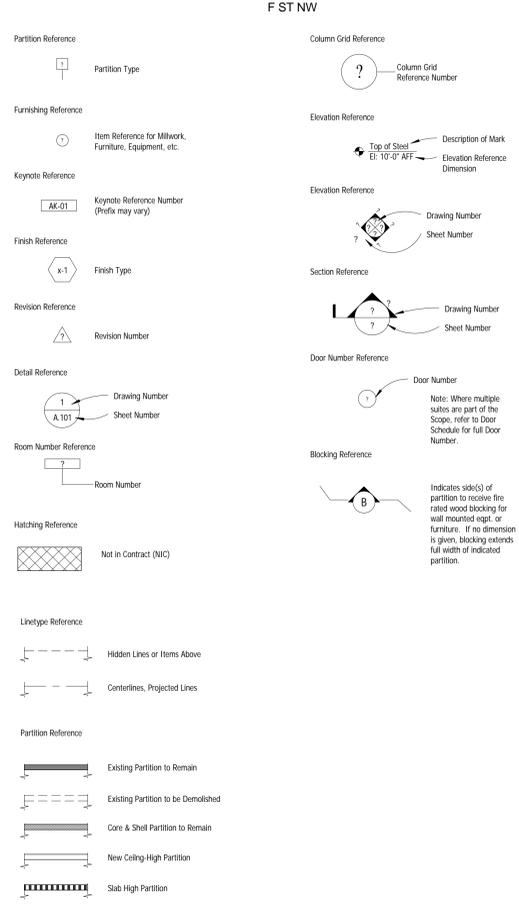
District of Columbia Courts  
Gallery Place - 5th Floor  
616 H Street, Suite 500  
Washington, DC 20001



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Standard Drawing Symbols



Project Team

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THE DISTRICT OF COLUMBIA COURTS  
The District of Columbia Courts  
Capital Projects and Facilities  
Management Division  
616 H Street N.W.  
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Washington, D.C. 20001

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Marvin King, Chief Capital Project Manager

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**Construction Management**

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Dulles, VA 20166

Phone: 703.434.3838  
Contact: Keith Fagan, AIA

Index of Drawings

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A.05	Architectural Floor and Reflected Ceiling Demolition Plans										
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PROJECT

REVISION

SUBMISSION

REVISIONS

SUBMIT

TITLE

ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

APPROVALS	DATE
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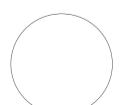
NO.	DESCRIPTION	DATE	BY

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Joseph E. Sanchez, Jr.  
Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
5th Floor  
Cover Sheet

Date: 06.27.14  
Scale: As Indicated  
Checked by: PB, WP  
Drawn by: AD  
Planned By: Designer



Life Safety Legend

Start	Path of Travel	EXIT	SYMBOL KEY	NOTES
A1	101' - 10 1/2"	STAIR #1	----- PATH OF TRAVEL	1. THIS DRAWING IS FOR FIRE AND LIFE SAFETY PURPOSES ONLY.
A2	144' - 10 23/32"	STAIR #2	----- 1 HR PARTITION	2. THIS BUILDING IS FULLY SPRINKLERED THROUGHOUT
B1	103' - 5 17/32"	STAIR #1	FE	3. MAXIMUM TRAVEL DISTANCE NOT TO EXCEED 300'
B2	155' - 8 5/16"	STAIR #2		4. SEE REFLECTED CEILING PLAN FOR EXIT LIGHT LOCATIONS.
C1	61' - 9 11/16"	STAIR #2		
C2	78' - 10 7/8"	STAIR #1		

THIS DRAWING IS FOR LIFE SAFETY PURPOSES ONLY.



1 5th Floor Life Safety Plan  
Scale: 1/8" = 1'-0"

Building Code Analysis

**Project:** DC Courts  
**Building:** 616 H Street, Suite 500 Washington, DC 20001  
**Floor:** Fifth (Partial)  
**Area:** 4408 GSF  
**Code:** International Building Code, 2006 Edition / DC Building Code 2008 Edition  
**Occupancy:** Existing: (B) Business.  
**Height:** 1 Stories / 5th Floor Only  
**Date:** 27 June 2014  
**Use Group:** IIB

I. Occupant Load			
IBC 2006 - Table 1004.1.1			
Occupancy Type per Floor	Floor Area per Occupant	Floor Area	Maximum Allowable
Business Areas	100 GSF		0
Gross Floor Area - 5th Floor	4408		
Deduct for Shaft Spaces:	0		
Total - Net GSF for Business Occupancy:	4408		
<b>Total Area:</b>		<b>4408</b>	
<b>Total Occupant Load:</b>			<b>44</b>

Notes:

II. Exit Requirements			
A. Minimum Number of Exits			
IBC 2006 Sections 1019.1 & 1015.1			
Occupant Load	44		
Minimum Number of Exits Required	2		
Number of Exits Provided?	2	Compliant	
<b>Additional Exits Required:</b>		<b>0</b>	
B. Remoteness of Exits			
IBC 2006 Section 1015.2			
Overall Length of Building Floor in Feet:	112		
Overall Width of Building Floor in Feet:	102		
Diagonal Length of Building Floor in Feet:	151		
Is Building Equipped with an Automatic Fire Suppression System?:	YES		
Minimum Distance Between Most Remote Exits in Feet:	50.33		
Actual Separation of Most Remote Exits in Feet:	80	Compliant	
<b>Additional Separation Required:</b>		<b>0</b>	
C. Capacity of Exits			
IBC 2006 Section 10			
<b>Doors:</b>			
Occupant Load	44		
Number of Exits Provided?	2		
Number of Occupants per Exit Provided:	22		
Tabular Clear Door Width per Exit Required in Inches (Table 1005.1):	3.3		
Minimum Clear Door Width per Exit Required in Inches (Section 1006.1.1):	32		
Actual Width per Exit Provided in Inches:		Additional Width per Exit Required in Inches:	
Exit 1:	36	Compliant	Exit 1: 0
Exit 2:	36	Compliant	Exit 2: 0
Total Capacity of all Exits on the Floor:			
Exit 1:	240		
Exit 2:	240		
<b>Stairways:</b>			
Tabular Stairway Width per Exit Required in Inches (Table 1005.1):	4.4		
Minimum Stairway Width per Exit required in inches (Section 1009.1):	44		
Actual Width per Exit Provided in Inches:		Additional Width per Exit Required in Inches:	
Stair 1:	44	Compliant	Stair 1: 0
Stair 2:	44	Compliant	Stair 2: 0
Total Capacity of All Stairs on Floor:			
Stair 1:	220		
Stair 2:	220		
<b>Maximum Floor Occupancy Based on Exit Capacity:</b>		<b>480</b>	
<b>Maximum Floor Occupancy Based on Stair Capacity:</b>		<b>440</b>	

III. Miscellaneous			
<b>A. Maximum Dead-End Corridor:</b>	50' IBC 2006 - Section 1017.3: Dead Ends		
<b>B. Maximum Common Path of Travel:</b>	100' IBC 2006 - Section 1014.3: Common Path of Egress Travel		
<b>C. Maximum Travel Distance to Exits:</b>	IBC 2006 - Section 1016.1 - Exit Access Travel Distance 250'		
Business:	300'		
<b>D. Area of Refuge Required?</b>	NO, DC Construction Code 2008 - Section 1007.3, Exception 3		
<b>E. Minimum No. of Fire Extinguishers:</b>	IFC 2006 - Section 906.3 - Size and Distribution		
Business:	No.		
Business: 5th Floor	4408		2
<b>F. Maximum Travel Distance to Extinguisher = 75'</b>			

IV. Plumbing Fixtures							
IBC 2006 Section 29							
Occupancy Types	Total SF	Occ Factor	Total				
Business (B)	4408	100	45				
<b>Total:</b>	<b>4408</b>						
Occupancy Types	Occupant Load	Toilets	Men				
			Women				
			Toilets				
			Lavatories				
			DP's				
B	Business	45	1	1	1	1	1
<b>Total Plumbing Fixtures Required:</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Total Plumbing Fixtures Provided:</b>		<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>Additional Plumbing Fixtures Required:</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

NO.	DESCRIPTION	DATE	BY

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 Capital Projects and Facilities Management Officer  
 Contracting Officer  
 District of Columbia Courts

**616 H Street (Gallery Place)  
 5th Floor  
 Life Safety/Code Analysis**

Date: 06.27.14  
 Scale: As Indicated  
 Checked by: PB, WP  
 Drawn by: AD  
 Planned by: Designer



District of Columbia Courts  
 Gallery Place - 5th Floor  
 616 H Street, Suite 500  
 Washington, DC 20001



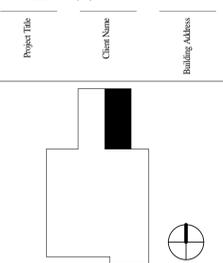
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**Construction Documents for Interior Improvement to:  
 District of Columbia Courts Gallery Place - 5th Floor**

**District of Columbia Courts**

**Gallery Place  
 616 H Street, Suite 500  
 Washington, DC 20001**



ISSUED FOR	DATE
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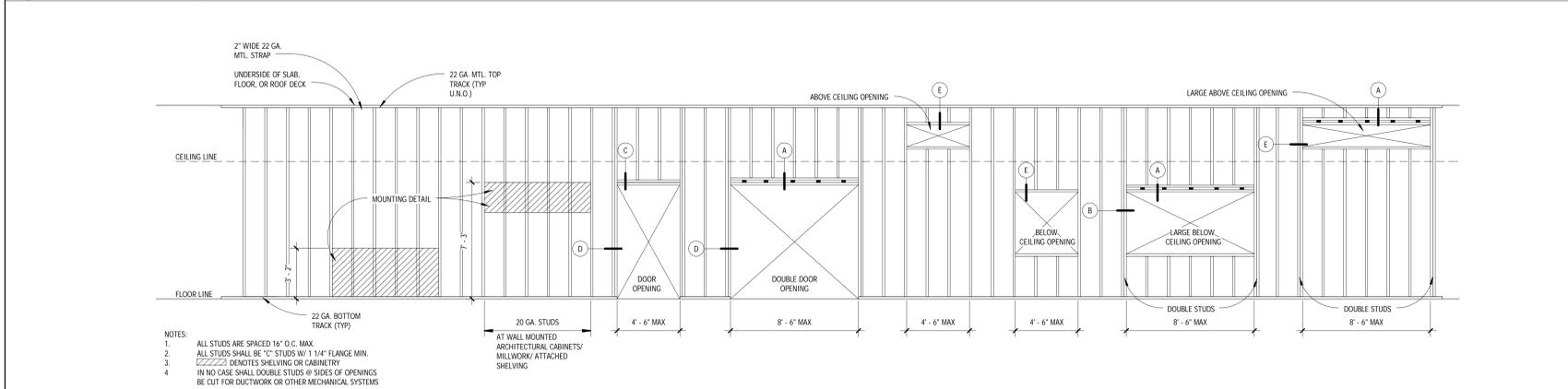
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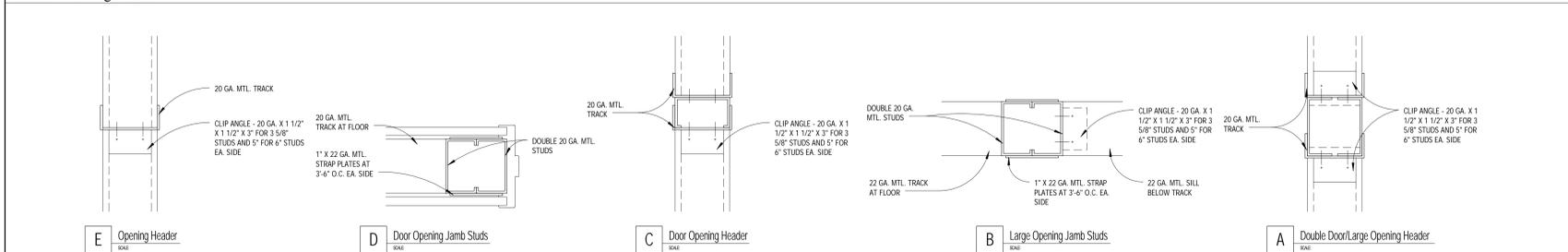
**616 H Street (Gallery Place)  
 5th Floor  
 Life Safety/Code Analysis**

Date: 06.27.14  
 Scale: As Indicated  
 Checked by: PB, WP  
 Drawn by: AD  
 Planned by: Designer

Typical Interior Partition Framing Elevation



Partition Framing Details



General Reflected Ceiling Notes

- See the Reflected Ceiling Plan for ceiling heights.
- Unless noted otherwise, locate all new switches at 45° A.F.F. to center line of switch(es) in accordance with the ADA accessibility guidelines. All new switch locations shall be as indicated by the engineering drawings.
- Install all fixtures and wires required to be connected to emergency circuits and volt lights, based on applicable codes and revise final location, subject to the final review of the Architect.
- Furnish and install in quantity and type all light fixtures together with all materials incidental thereto, as shown on the reflected ceiling plan, location of any item not shown or specifically located on the reflected ceiling plans shall be field coordinated with the architect prior to installation.
- Install multiple switch groupings in common gang boxes with barriers and common coverplates.
- Coordinate the installation and verify the required location of any/all supplemental mechanical, electrical, or plumbing equipment. Furnish and install any required supplemental structure which may be required for the support of said equipment whether specifically noted in plan or not.
- In the event of a substitution for any product or item herein specified, submit the proposed substitution for review by the designer and the courts. Said substitutions will be reviewed on an "or-equal" basis. Do not proceed with substitutions without notification of acceptability from the owner.
- Supply finish trim for all ceiling mounted luminaires which is designed for use in the ceiling where it occurs.
- Coordinate with light fixtures specifications and cut sheets for proper installation in the designated ceiling.
- Fixtures on suspended ceiling shall be supported from the floor above by means of a minimum of two chains per fixture; each chain capable of supporting 100 lbs.
- Perform selective demolition as required for the modification/installation of equipment and devices whether specifically noted in plan or not. Return the surrounding surfaces and substrate to "like-new" condition or replace as required to provide a suitable substrate for new finishes.
- Verify proposed ceiling height before start of ceiling construction. Notify Architect if height cannot be maintained due to ductwork or other conditions.
- Provide and install the new scheduled suspended acoustical ceiling at the height indicated on plan. Any deviation from height shown should be submitted to Architect for approval.
- Provide and install the new scheduled suspended acoustical ceiling as required to comply with the manufacturer's instructions and ASTM C636 Standard for ceiling suspension systems.
- Access door locations to be reviewed in the field prior to installation and their locations are to be approved by the Architect.
- Prior to closing any ceilings, all new plenum HVAC, plumbing, electric systems shall be inspected and tested by the Contractor's Engineers and by the authorities having jurisdiction to ensure their proper installation and function.
- HVAC Contractor to coordinate the location of diffusers and returns and submit drawings to Architect for approval. All diffusers mounted in gypsum board ceiling to match ceiling paint finish, unless noted otherwise.
- Refer to engineering drawings for information regarding circuiting/switching of all lighting fixtures and other electrical devices.
- Prepare new gypsum board ceilings, soffits and fascias to receive the scheduled finish. Refer to finish schedule for additional information.
- Patch, repair and/or restore fireproofing at existing ceiling beams and girders to match adjacent construction.
- Provide and install undercabinet task lights as required. See kitchen details for location.

General Finish Notes

- All finishes shall be applied in conformance with the manufacturer's recommendations and instructions. A copy of the recommendations and instructions shall be submitted to the designer prior to the installation of materials.
- Unless otherwise noted, all paint, priming and priming for wallcoverings and wallpaper are to be furnished and installed by the contractor. All surfaces to receive wallcovering shall receive a minimum of one coat of primer/separator appropriate to substrate and finish wallcovering.
- All changes in floor materials and colors shall occur at the centerline of doorways unless noted otherwise.
- Paint all unfinished materials, grilles, registers, etc., to match adjacent walls. Materials with a natural finish, such as anodized aluminum, shall be left in their natural finish unless otherwise noted by the construction documents.
- See Reflected Ceiling Plans for ceiling finishes.
- Apply one primer coat and two finish coats on surfaces to be painted.
- Prepare floor for installation of finishes in accordance with the manufacturer's specifications and recommendations. Remove all foreign matter, grease, wax, paint, oil, adhesives, dirt, etc. Cracks, holes and depressions should be filled with finishing compound or latex patch material. Cut off any protruding objects and grind smooth to level with the floor surface.
- Inspect floor construction and surfaces to receive new finishes and promptly notify the Architect of any defects in the substrate that affect the work so that they may be corrected before the start of the work. Proceeding with the work shall be deemed as acceptance by the Contractor of the floor areas and he shall be responsible thereafter for the installation of the work.
- Install flooring materials within the allowable temperature range as stated in the manufacturer's installation instructions. All flooring material shall be delivered to the site in time to acclimate to conditions prior to installation. Submit a copy of the installation instructions shall be submitted to the architect and the owner.
- Install ceramic tile and substrates in accordance with the requirements and recommendations of the Tile Council of America together with all materials incidental thereto whether specifically indicated or not.
- Coordinate the scheduled resilient floor layout fitting and seam location with Architect prior to installation.
- Provide and install the scheduled resilient wall base as style code base with top set toe in areas scheduled to receive resilient flooring. Base shall have preformed inside and outside corners.
- Refer to door and hardware schedule for designated finishes of doors and frames.
- All electrical switches, outlets and cover plates shall be a paintable finish. Coordinate the color/finish of all electrical switches, outlets and cover plates with Architect. Submit samples for approval.

General Power, Data, & Telephone Notes

- Install all wall mounted PDU devices vertically at 18" A.F.F. to centerline unless noted otherwise on the plans.
- Electrical work and materials shall be in compliance with the National Electrical Code and all other related codes in use by the governing government agency(ies) at the time of construction. In the event of a conflict between the aforementioned requirements, the more restrictive shall apply.
- All mounting heights indicated are to the centerline(s) of outlet(s), device(s) or equipment unless noted otherwise.
- Outlets, or other devices, which are mounted on opposite sides of partitions shall not be mounted back to back.
- Clean, repair and relamp those existing fixtures to be reused.
- Coordinate with DC Courts for the provision and installation requirements for security equipment.
- Coordinate with DC Courts for the provision and installation requirements of USMS IT and Audio/Visual cabling and equipment.
- Coordinate electrical work with that of other trades for final installation of undercarpet wall transition boxes and security devices.
- Extend receptacles from wall face of built-in millwork. Receptacles should be mounted in horizontal position. Coordinate all work with other trades. Provide all mounting hardware as required.
- Coordinate exact power requirements, NEMA configuration of receptacles with equipment specified by supplier prior to installation.
- Provide chalkline layout on walls for approval by Architect prior to installation of any floor mounted receptacles.
- Where more than one switch occurs in the same location, they shall be installed in a gang type box under one coverplate.
- Submit cut sheets of all receptacle types prior to placing order for approval by the Architect.
- Provide final connection to systems furniture. Provide all required fittings, bushings, wire connectors, etc. for a complete system.
- Coordinate exact wiring configuration with systems furniture supplier prior to final installation.
- Install all GF1 outlets at 42" A.F.F. unless noted otherwise.

General Notes

- The intent of these drawings is to provide general guidelines for the selective demolition of portions of Architectural, Mechanical, Electrical and Piping systems serving the building. Note the contractor is obligated to examine the plans. Any observed discrepancies between the drawings and field conditions shall be called to the attention of the Architect immediately, requesting clarification so that the matter may be resolved prior to submission of bids. Note that by submission of bid the Contractor shall acknowledge acceptance of these documents as adequate definition of the scope of work and extra cost claims on inadequacy of the documents will not be considered.
- Before submitting a proposal, all contractors shall visit the premises, familiarize themselves with existing conditions, and satisfy themselves as to the nature and scope of the work and the difficulties that attend its successful execution and completion of the work as indicated in the documents.
- All work on this project shall be performed in accordance with the latest applicable codes and regulations.
- The work detailed on these plans is based on previously prepared base building drawings where existing field conditions are different than shown. Advise the Architect of discrepancies which will affect the proposed work prior to beginning any work.
- Symbols shown on Legend define type of items only. Contractor is responsible for researching drawings for exact construction materials or quantities of each.
- All work demolished shall be removed from the premises every day, except items indicated to be reused or returned to the owner.
- Verify all points of disconnect before commencing any electrical and telecom demolition work, and coordinate with the building security data, telephone and communications systems provider.
- Where openings occur in existing fire-rated areas or partitions due to removal of conduit, ductwork, piping, etc. and/or where existing fire stopping has been removed, provide closure as required.
- Codes and Regulations: Conform to codes and regulations currently in force by the District of Columbia. Said documents include, but are not limited to, the following:
  - 2006 International Building Code
  - 2006 International Fire Prevention Code
  - 2008 DCOR 12 building code regulations
  - Americans with Disabilities Act Accessibility Guidelines.
- Where a conflict occurs in or between the aforementioned codes and regulations, the stricter shall apply unless otherwise indicated or agreed upon.
- Due to the small scale of the drawings and the instability of the reproduction process, do not scale these drawings. Field verify any dimensions deemed, or noted as being, critical.
- Unless noted otherwise, all dimensions are from finish face to finish face.
- Furnish and install fire retardant treated wood blocking as required at all locations for the proper and secure installation of all wall mounted equipment or millwork whether specifically noted in the drawings or not.
- Where electrical and plumbing fixtures, or other related equipment, occur in millwork, provide cut-outs, rough-ins and sub-ins for these items and coordinate the work to assure proper location and installation.
- Provide firestopting/puffing material as required to maintain the fire-rating of floor, wall and ceiling assemblies whether specifically noted in plan or not. This applies to existing as well as new penetrations.
- Provide demolition to the minimum extent required for the installation of the alarm, sprinkler, MEP and telecommunications work. Coordinate with each of the respective trades and consultants and verify the extent of the work required. Unless noted otherwise, existing finishes and equipment in the designated areas are to remain and should be disturbed only to the minimum extent to perform the work. Repair or replace finishes that are damaged as a result of work to match surrounding conditions.
- Millwork:
  - Fabricate and install all millwork indicated in the Construction Documents in accordance with the specifications and provisions of the "Architectural Woodwork Quality Standards", 8th Edition, as published by the Architectural Woodwork Institute, for Custom cabinets.
  - Refer to the Finish Schedule for the color selection of Plastic Laminates (PLM) and solid surface materials.
- Provide samples, specification sheets and/or product data for all scheduled items. Prepare comprehensive list of all submittals at the start of the project for review by Architect.
- All Work shall be performed in accordance with the Construction Rules and Regulations provide by the Property Management Company. This document must be read, signed and returned to Management prior to the start of any work.

General Description of Work

Unless otherwise indicated by the Construction Documents, all new items of construction are to be furnished and installed by the Contractor and/or his subcontractors. The terms "Furnish", "Install", "Provide", and any derivations thereof used in the Construction Documents, are directing the Contractor to both furnish and install any given item and its incidental materials unless otherwise noted.

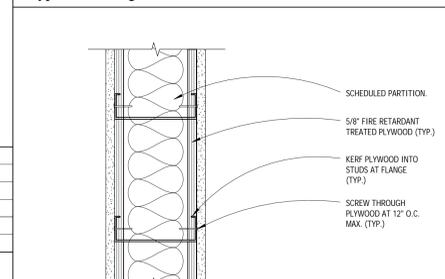
The Work includes, but is not necessarily limited to, the following:

- The removal and storage for reuse of existing light fixtures as indicated by the Construction Documents.
  - The demolition and disposal of all existing materials and constructs, together with all materials incidental thereto, as indicated by the Construction Documents. Said materials and constructs include, but are not necessarily limited to:
    - Partitions,
    - Acoustical ceiling tiles, suspension grid, and hanger wire,
    - Exit signage and other ceiling mounted devices,
    - Carpet and base materials,
    - Selective concrete floor slab demolition,
    - Limited demolition outside of the Project Area as may be necessary for the completion of the Work.
    - Door - frame assemblies unless noted to be reused.
- Refer to the Engineering drawings for information on additional items to be removed.
- The clearing and preparation of surfaces to receive new finishes or constructs as indicated by the Construction Documents. Preparation shall be in accordance with the recommendations and specifications of the respective manufacturer.
  - The installation of new work as indicated by the Construction Documents.
  - The installation of ceiling bulkheads and support framing.
  - Not used.
  - The erection of new gypsum board partitions and ceiling assemblies.
  - The installation of all doors and hardware.
  - The installation of all finishes and accessories as indicated by the Construction Documents.
  - The installation of all millwork as indicated by the Construction Documents.
  - The installation of all kitchen and toilet room fixtures and their related accessories.
  - The installation of suspended acoustical assemblies.
  - The installation or reinstallation of all light fixtures and other ceiling mounted devices indicated by the construction documents together with all materials incidental thereto.
  - The reconfiguration of the existing automatic sprinkler system to accommodate the proposed layout.
  - The installation of all fire and life safety devices as indicated by the Construction Documents.
  - Coordination of work with the DC Courts security vendor and the provision of rough-in work that they may require, whether specifically noted in plan or not.
  - The repair and/or replacement of existing construction to remain that was removed for the installation of work or which was damaged as a result of the work.
  - Furnish and install Audio/Visual and Entertainment Equipment as specified.
  - Coordination of work with the DC Courts furniture vendor and the provision of any electrical, data or telephone connection services that may be required.

Partition Notes

- REFER TO ARCHITECTURAL PLAN FOR THE LOCATIONS OF PARTITION TYPES HEREIN INDICATED.
- PROVIDE 5/8" CEMENTITIOUS BACKER BOARD IN LIEU OF 5/8" GWB AT ALL PARTITIONS INDICATED TO RECEIVE CERAMIC OR STONE TILES.
- PROVIDE SEALANT AROUND ALL WALL PENETRATIONS, SUCH AS ELECTRICAL BOXES, ETC. WITH SOUND ATTENUATION TO PREVENT NOISE TRANSFER. PROVIDE FIRE-RATED PARTITIONS AT ALL FIRE-RATED PARTITIONS.
- CROSS-BRACE ALL CHASE WALLS TO ADJACENT WALL AND PROVIDE A MINIMUM OF 1 1/2" OF SOUND ATTENUATION BLANKETS.
- PROVIDE STEEL STUD BRACING AS REQUIRED AT WALLS ABOVE CEILING TO MEET DEFLECTION REQUIREMENT - L/240 FOR STANDARD GWB WALLS; L/360 FOR WALLS WITH TILE OR STONE FINISH.
- REINFORCE, BRACE AND PROVIDE BLOCKING IN STUDS AS REQUIRED TO SUPPORT THE INSTALLATION OF WALL MOUNTED TOILET AND KITCHEN EQUIPMENT, CABINETS, AND SHELVING WHETHER SPECIFICALLY INDICATED BY THE DRAWINGS OR NOT.
- CONFIRM THE GAUGES REQUIRED FOR COLD ROLLED STEEL FRAMING MEMBERS IN RELATION TO THEIR APPLICATION AND/OR FUNCTION AND INCREASE THE GAUGES INDICATED BY THE PARTITION TYPES IF REQUIRED. THE CONTRACTOR SHALL NOT DECREASE THE GAUGES OF MEMBERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT AND THE OWNER.
- FIT ALL FIRE RATED PARTITIONS SHALL FIT TIGHT AGAINST OVERHEAD STRUCTURE.
- PROVIDE NONCOMBUSTIBLE FIRE STOPPING MATERIAL AND SEAL AROUND PENETRATIONS IN FLOOR AND PARTITIONS IN ORDER TO PROVIDE REQUIRED FIRE SEPARATION.
- FUR AND FINISH ALL VERTICAL PIPES AND DUCTS IN THE SAME MATERIAL AS THE ADJACENT WALL OR COLUMN WHETHER INDICATED OR NOT ON THE ARCHITECTURAL DRAWINGS.
- UNLESS NOTED OTHERWISE, ALL GYPSUM BOARD USED IN THIS PROJECT SHALL BE FIRE RESISTANT.

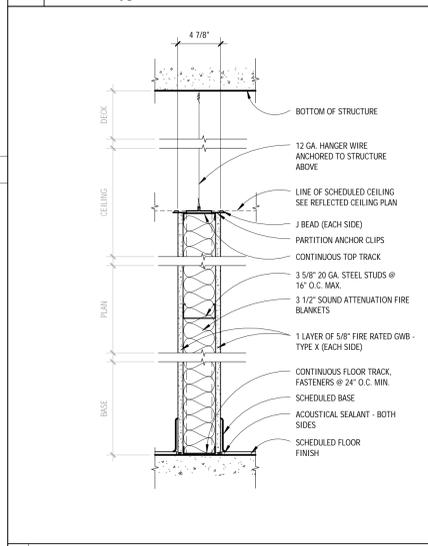
Typical Blocking Detail



- NOTES:
- DETAIL INDICATES BLOCKING ON BOTH SIDERS OF THE PARTITION. REFER TO THE ARCHITECTURAL PLAN FOR INDICATION OF WHICH SIDE OF PARTITION ON WHICH BLOCKING IS TO BE INSTALLED.
  - WHERE INDICATED BY THE ARCHITECTURAL FLOOR PLAN, BLOCKING SHALL EXTEND FROM FLOOR TO CEILING UNLESS NOTED OTHERWISE.

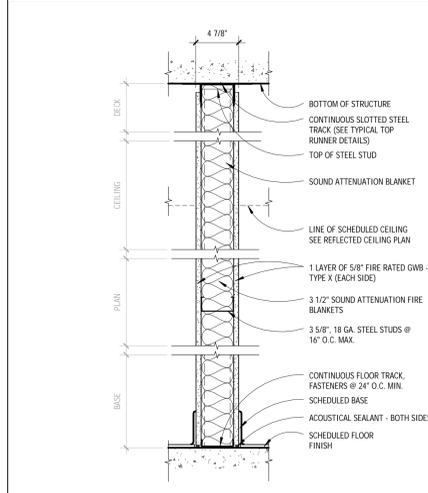
Partition Notes	Description: Ceiling High Partition without SAFB
	Partition Thickness: 4 7/8"
	Fire Rating/Test #: N/A
	STC Rating: TBD
	Stud Thickness: 3 5/8"
SAFB Insulation Thickness: 3 1/2"	

3A Partition Type



Partition Notes	Description: Ceiling High Partition with SAFB
	Partition Thickness: 4 7/8"
	Fire Rating/Test #: N/A
	STC Rating: TBD
	Stud Thickness: 3 5/8"
SAFB Insulation Thickness: 3 1/2"	

3B Partition Type

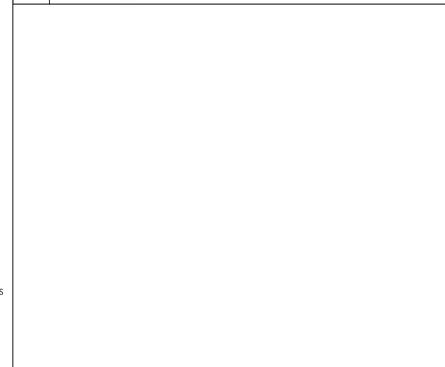


Partition Notes	Description: Slab High with SAFB
	Partition Thickness: 4 7/8"
	Fire Rating/Test #: N/A
	STC Rating: 49-51
	Stud Thickness: 3 5/8"
SAFB Insulation Thickness: 3 1/2"	

3E Partition Type

Partition Notes	Description: Slab High with SAFB - 1 Layer of GWB, One Side Only
	Partition Thickness: 4 1/4"
	Fire Rating/Test #: N/A
	STC Rating: TBD
Stud Thickness: 3 5/8"	
SAFB Insulation Thickness: 3 1/2"	

1K Partition Type



**District of Columbia Courts**  
**Gallery Place - 5th Floor**  
 616 H Street, Suite 500  
 Washington, DC 20001

**IBI GROUP**  
 1505 Prince Street, Suite 200  
 Alexandria VA 22314 United States  
 tel 703 836 9600  
 fax 703 836 2484

Mechanical / Electrical / Plumbing Engineer  
**Joseph R. Loring Consulting Engineers**  
 1130 Connecticut Ave., NW, Suite 1570  
 Washington, DC 20036  
 T: 202-296-6583  
 F: 202-296-6953

Construction Documents for Interior Improvement to:  
**District of Columbia Courts Gallery Place - 5th Floor**  
 District of Columbia Courts  
 Gallery Place  
 616 H Street, Suite 500  
 Washington, DC 20001

Project Title	Client Name
Building Address	

ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

APPROVALS	DATE
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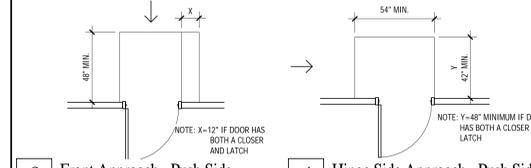
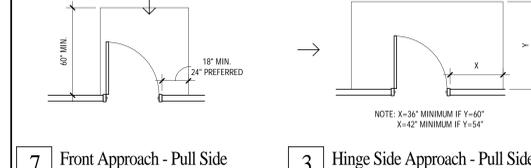
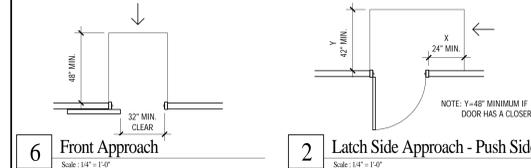
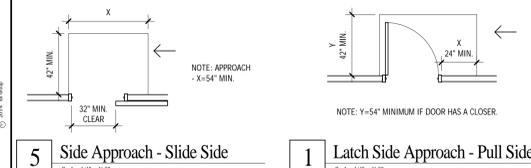
NO.	DESCRIPTION	DATE	BY

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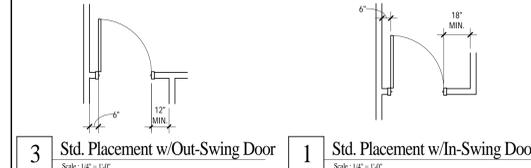
Accepted By:  
 Joseph E. Sanchez, Jr.  
 Capital Projects and Facilities Management Officer  
 Contracting Officer  
 District of Columbia Courts

**616 H Street (Gallery Place)**  
**5th Floor**  
 General Notes & Partition Types

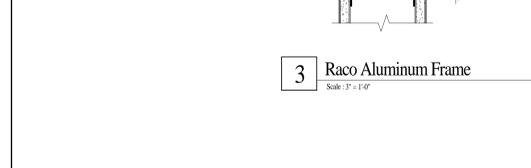
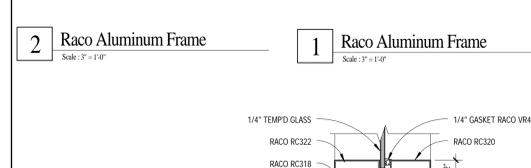
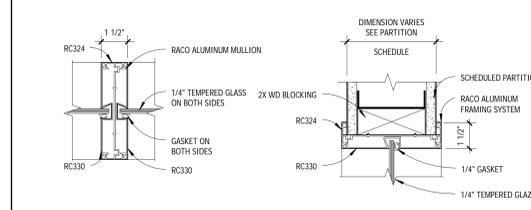
Date: 06.27.14  
 Scale: As Indicated  
 Checked by: PG, WP  
 Drawn by: AD  
 Planned By: Designer



Standard Placement



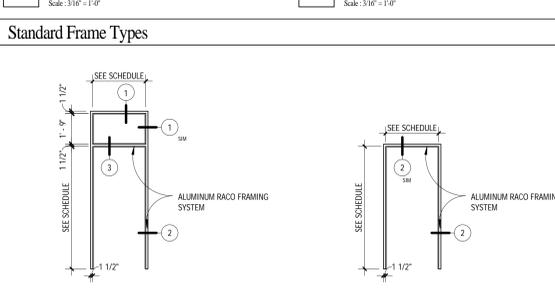
Standard Window Frame Detail



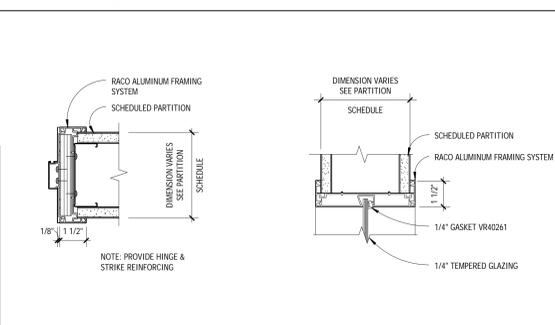
Standard Door Types



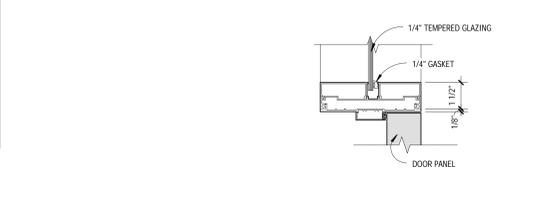
Standard Frame Types



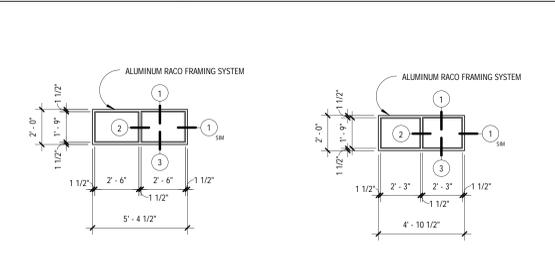
Standard Frame Detail



Standard Window Frame Types



Standard Window Frame Types



Standard Window Frame Types



Hardware Set

**Hardware Set #1** Wood/HM Doors - Height: 7'-2" Max

General Usage Description		A. NONLOCKING CLOSET DOOR - SINGLE LEAF										
No.	Description	Qty.	Manufacturer	Model	Finish	Remarks						
1.01	Hinges	1.5 PR	Stanley	FBB199 - 4.5 x 4.5	US32D - Satin Stainless Steel	-						
1.02	PASSAGE SET	1	Corbin-Russwin	CL3361-PZD	US260 - Satin Chromium	-						
1.03	Stilencers	3	Ives	SR64	N/A	-						
1.04	Floor Mounted Stop	1	Ives	FS436x435	US260 - Satin Chromium	-						

Remarks - Hardware Set #3:

**Hardware Set #4** Wood/HM Doors - Height: 7'-2" Max

General Usage Description		A. LOCKING CLOSET DOOR - SINGLE LEAF										
No.	Description	Qty.	Manufacturer	Model	Finish	Remarks						
4.01	Hinges	1.5 PR	Stanley	FBB199 - 4.5 x 4.5	32D - Satin Stainless Steel	-						
4.02	Stairroom Lockset	1	Corbin-Russwin	CL3357-PZD	US260 - Satin Chromium	-						
4.03	Stilencers	3	Ives	SR64	-	-						
4.04	Floor Mounted Stop	1	Ives	FS436 x 435	US260 - Satin Chromium	-						
4.05	Vinyl Reducer Strip	1	Roppe	#168 Underlslug	#100 Black	@ 520 & 521 Only						

Remarks - Hardware Set #4:

**Hardware Set #13** Wood/HM Doors - Height: 10'-0" Max

General Usage Description		A. TYPICAL OFFICE DOOR - SINGLE LEAF										
No.	Description	Qty.	Manufacturer	Model	Finish	Remarks						
13.01	Hinges	2 PS	Stanley	FBB199 - 4.5 x 4.5	32D - Satin Stainless Steel	-						
13.02	Office Lockset w/ Push Button	1	Corbin-Russwin	CL3357-PZD	US260 - Satin Chromium	-						
13.03	Stilencers	3	Ives	SR64	-	-						
13.04	Floor Mounted Stop	1	Ives	FS436 x 435	US260 - Satin Chromium	-						

Remarks - Hardware Set #13:

**Hardware Set #17** Wood/HM Doors - Height: 7'-0" Max

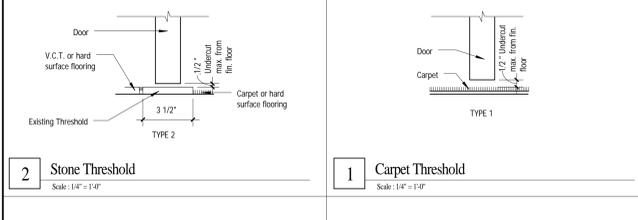
General Usage Description		A. CONFERENCE ROOM GLASS ENTRY DOOR										
No.	Description	Qty.	Manufacturer	Model	Finish	Remarks						
17.01	Bottom Lock	1	-	-	-	-						
17.02	Door Pull(s) "Boomerang"	1 per leaf	Forms - Surfaces	HDREC2041	Satin Stainless Steel	-						

Remarks - Hardware Set #17:

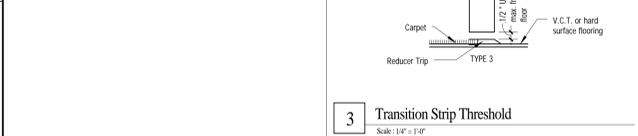
Hardware Modifiers

No.	Description	Qty.	Manufacturer	Model	Finish	Remarks
G	Vinyl Reducer Strip	1	Roppe	#168 Underlslug	#100 Black	-
M	Card Reader	-	-	-	-	Provided and installed by Security Vendor
N	Electric Door Strike	-	-	-	-	Provided and installed by Security Vendor
O	Hot and Coat Hook	1	Peter Pepper	Model 2012	Natural Anodized	Mount @ 72" A.F.F or

Standard Door Thresholds



Standard Door Thresholds



Door Schedule

DOOR NO.	SIZE			DOOR			FRAME			HARDWARE		REMARKS
	W	H	T	TYPE	MAT'L	FIN.	TYPE	MAT'L	FIN.	SET #	MODIFIER	
500A	2'-6"	7'-0"	1 3/4"	1	SCWD	ST-2	1	ALUM	NATURAL	1		
500B	EX	EX	EX	EX	GLASS	EX	EX	EX	EX	4	M,N	EXISTING THRESHOLD TO REMAIN
501	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	
502	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	
503	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	
504	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	
505A	EX	EX	EX	EX	WOOD	EX	EX	EX	EX	4	M,N	
505B	EX	EX	EX	EX	WOOD	EX	EX	EX	EX	4	M,N	
506	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	
507	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	REUSE EXISTING DOOR
508	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	REUSE EXISTING DOOR
509	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	REUSE EXISTING DOOR
510	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	REUSE EXISTING DOOR
511	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	REUSE EXISTING DOOR
512	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	REUSE EXISTING DOOR
513	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	13	O	REUSE EXISTING DOOR
519	3'-0"	7'-0"	3/4"	2	GLASS	N/A	N/A	ALUM	NATURAL	17		
520	3'-0"	7'-0"	1 3/4"	1	SCWD	ST-2	1	ALUM	NATURAL	4	G,M,N	
521	3'-0"	7'-0"	1 3/4"	1	SCWD	ST-2	1	ALUM	NATURAL	4	G,M,N	

General Door, Hardware Notes & Remarks

- A. Hardware lockset functions based upon Corbin-Russwin CL-3300 Series - 7 pin cylinders.
- B. All door handles to be the PRINCETON as manufactured, Corbin-Russwin, CL-3300 Series, or approved equal. Submit metal samples for final determination.
- C. All hardware to match base building finish, UNO - submit metal samples to Architect for final determination.
- D. All hardware and functions shall be ADA compliant.
- E. Maximum undercut on all doors shall be 1/2" AFF unless noted otherwise.
- F. All wood frames are to be finished to match door.
- G. At gypsum board construction, all metal frames are to be knock-down frames.
- H. At crm construction, all metal frames are to be continuously welded framed only, not knock-down frames.
- I. The Contractor shall reuse as many doors as possible. New doors should match existing Contractor to verify existing type & stain on doors.
- J. Aluminum Frames: Aluminum door frames together with materials incidental thereto, shall be as manufactured by "Wilson Partitions" - Snap-on trim style. Throat and trim dimensions as indicated by the details. Finish: Natural Aluminum - Contact: Mid Atlantic Construction Specialties LLC - Dell Ewing/Scott Ewing - 703.938.0020. Note: All security controlled egress doors shall comply as indicated by the following: IBC / ICC 2006. SECTION: 1008.1.3.4 Access-controlled egress doors. The entrance doors in a means of egress in buildings with an occupancy in Group A, B, E, M, R-1 or R-2 and entrance doors to tenant spaces in occupancies in Groups A, B, E, M, R-1 and R-2 are permitted to be equipped with an approved entrance and egress access control system which shall be installed in accordance with all of the following criteria:
- K. Provide and install coat hooks on office side of all office doors.



District of Columbia  
Gallery Place - 5th Floor  
616 H Street, Suite 500  
Washington, DC 20001

IBI Group  
1505 Prince Street, Suite 200  
Alexandria VA 22314 United States  
tel 703.836.9600  
fax 703.836.2484

Mechanical / Electrical / Plumbing Engineer  
Joseph R. Loring Consulting Engineers  
1130 Connecticut Ave. NW, Suite 750  
Washington, DC 20036  
T: 202-296-6583  
F: 202-296-6953

3. The doors shall be arranged to unlock from a manual unlocking device located 40 inches to 48 inches (1016mm to 1219mm) vertically above the floor and within 5 feet (1524mm) of the secured doors. Ready access shall be provided to the manual unlocking device and the device shall be clearly identified by a sign that reads "PUSH TO EXIT." When operated, the manual unlocking device shall result in direct interruption of power to the lock-independent of the access control system electronics-and the doors shall remain unlocked for a minimum of 30 seconds.

4. Activation of the building fire alarm system, if provided detection system, if provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset.

5. Activation of the building automatic sprinkler or fire detection system, if provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset.

6. Entrance doors in buildings with an occupancy in Group A, B, E, or M shall not be secured from the egress side during periods that the building is open to the general public.

SECTION: 1008.1.8 Door Operations. Except as specifically permitted by this section egress doors shall be readily operable from the egress side without the use of a key or special knowledge or effort.

Construction Documents for Interior Improvement to:  
District of Columbia Courts Gallery Place - 5th Floor  
District of Columbia Courts  
Gallery Place  
616 H Street, Suite 500  
Washington, DC 20001

Project Title	Client Name	Building Address

ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

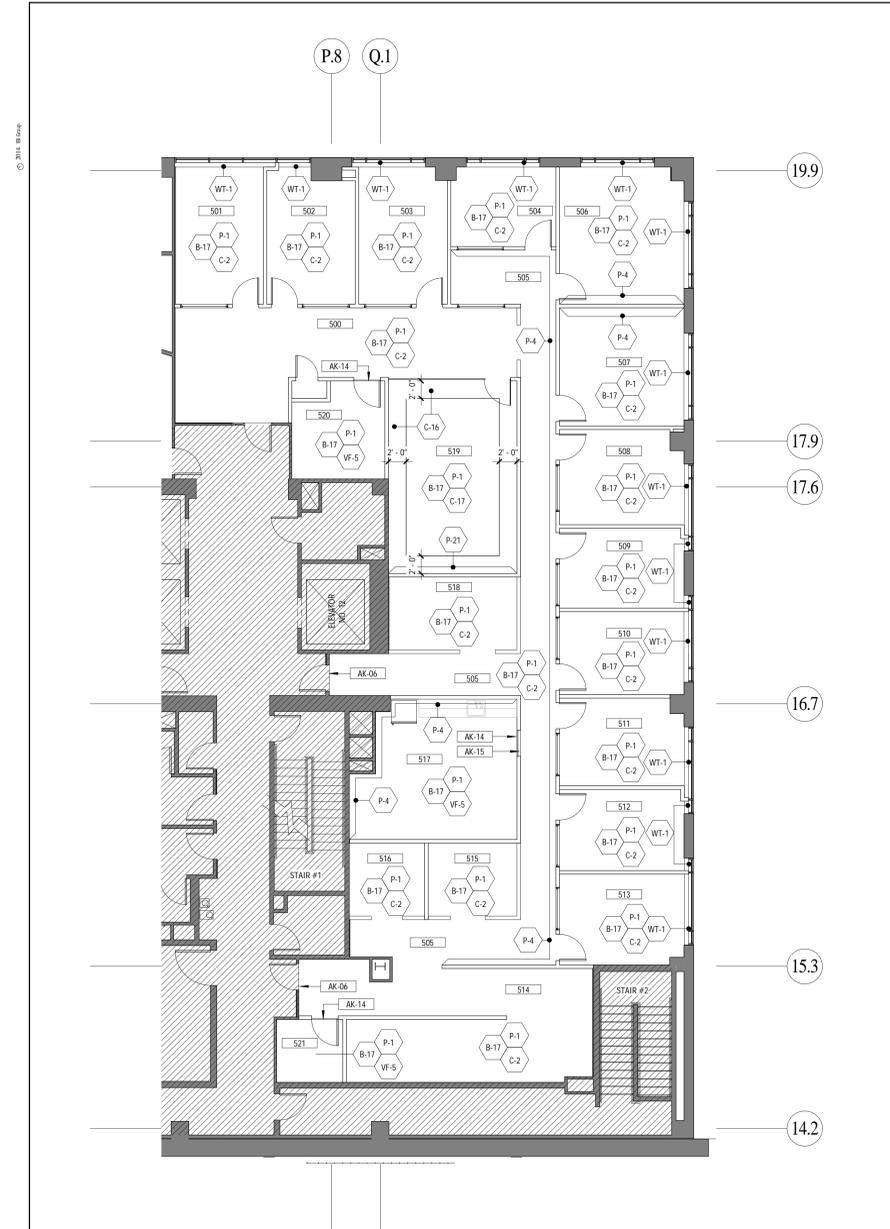
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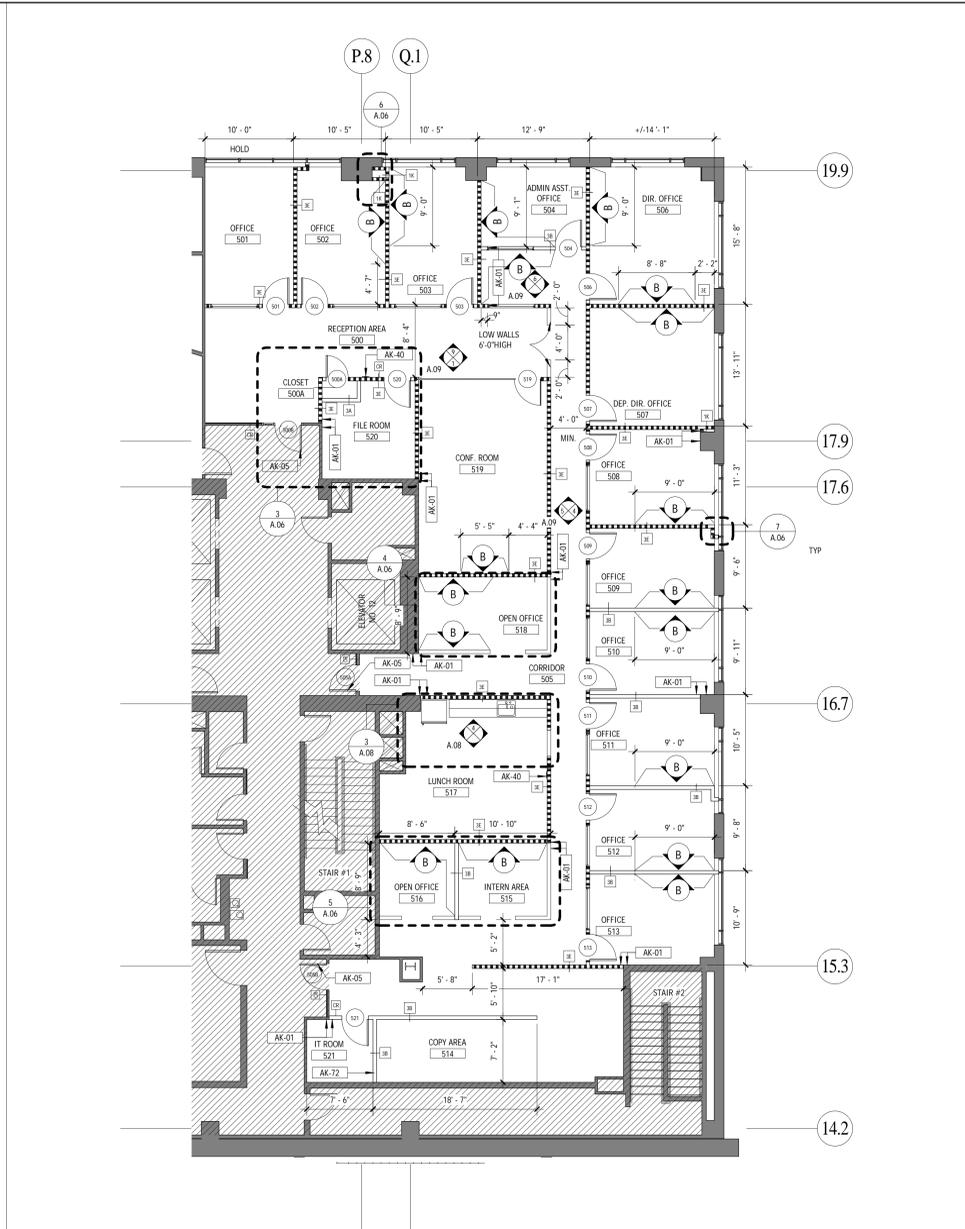
616 H Street (Gallery Place)  
5th Floor  
Door, Hardware, and Window Details & Schedules

Date: 06.27.14  
Scale: As Indicated  
Checked by: JEB, WWP  
Drawn by: AD  
Planned by: Designer





2 Finish Floor Plan  
Scale: 1/8" = 1'-0"



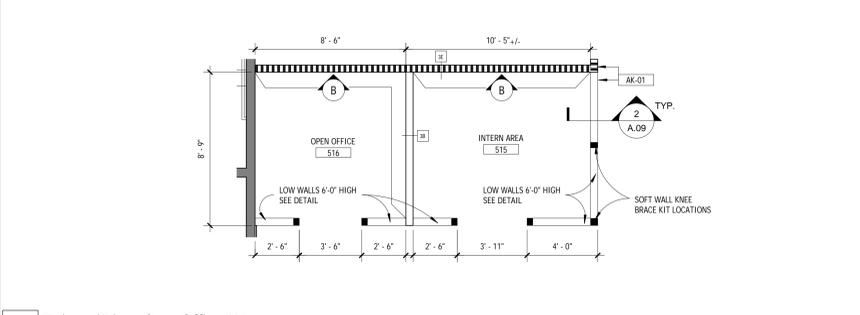
1 Architectural New Work Plan  
Scale: 1/8" = 1'-0"

### Architectural Keynotes

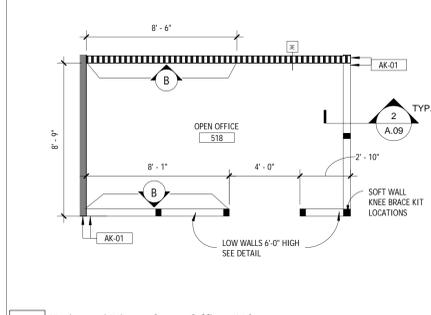
Symbol	NOTE
AK-01	Align.
AK-02	Not in Contract.
AK-05	Existing doors and frames to remain. Refer to Door Schedule for Hardware.
AK-06	Paint Existing H.M. door frames (P-2)
AK-14	Transition strip.
AK-15	Casot Opening
AK-20	Contractor shall provide and install undercabinet task lights as required. Coordinate installation with all trades. Refer to electrical drawings for light schedule.
AK-37	Limit of existing construction and finishes to remain. Carefully protect construction and finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "Like-New" conditions.
AK-38	Install transition strip. Provide Rogge Vinyl Reducer Strip in #100 Black
AK-40	Fire extinguisher and cabinet. Provide J.L. Industries Academy Series 8137V10 with Cosmic Extinguisher. Multi-purpose Chemical, Cosmic SE.
AK-64	Decorative gypsum board bulkhead - Paint (P-3)
AK-65	Gypsum board Ceiling. Paint
AK-72	Provide 3/4" Fire-rated plywood back-board mounted 2" AFF on entire wall.

### Finish Schedule - Materials

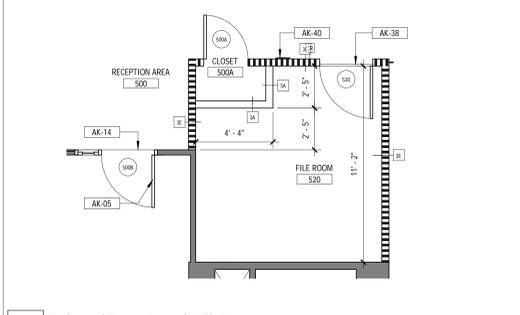
Symbol	Description	Manufacturer	Color/Model #	Remarks
ACT-1	ACOUSTICAL CEILING TILE (TYP.-UNO)	ARMSTRONG	STYLE: CIRRUS BEVELED REGULAR COLOR: WHITE (WH) ITEM: #589 HRC	24" x 24" x 1/2" BEVELED REGULAR WITH 9/16" SILHOUETTE XL BOLT SLOT GRID. WHITE. 1/4" REVEAL. TYP. THROUGHOUT UNO. USE WITH ARMSTRONG SILHOUETTE XL 1/4" REVEAL CEILING GRID IN WHITE. AND #7873 SHADOW MOLDING.
B-17	WALL BASE	ROPPE CORPORATION	TYPE TS PINNACLE RUBBER BASE COLOR: #100 BLACK	STRAIGHT BASE AT CARPET. COVE BASE AT HARD SURFACES. TYPICAL UNO 4" HIGH
C-2	CARPET	J & J COMMERCIAL	PATTERN: IMPULSE #7236 COLOR: 7412 SPEAK YOUR MIND	24" x 24" 24oz. MODULAR CARPET TILE WITH ECO HIGH PERFORMANCE BACKING. INSTALLATION: MONOLITHIC
C-16	CARPET TILE BORDER	SHAW CONTRACT GROUP	STYLE: SYNTHESIS IV STYLE NUMBER: 59459 COLOR: RAVEN #59565	24" x 24" 30oz. RANDOM TIP SHEAR MODULAR CARPET TILE W/ ECOWORK BACKING. INSTALLATION: MONOLITHIC. IF APPLICABLE (JURY ROOMS & CONFERENCE ROOM).
C-17	CARPET TILE INSET	SHAW CONTRACT GROUP	STYLE: SYNTHESIS IV STYLE NUMBER: 59459 COLOR: STONE #59516	24" x 24" 30oz. RANDOM TIP SHEAR MODULAR CARPET TILE W/ ECOWORK BACKING. INSTALLATION: MONOLITHIC. IF APPLICABLE (JURY ROOMS & CONFERENCE ROOM).
P-1	PAINT (TYP. UNO)	SHERWIN WILLIAMS	COLOR: PEARLY WHITE COLOR NUMBER: SW7009	PRIMAIR ZERO VOC INTERIOR LATEX LOW SHEEN ENAMEL ON GYP. BD. ACRYLIC LATEX SEMI GLOSS ENAMEL ON PLASTER.
P-2	PAINT (TYP. DOORS & FRAMES - UNO)	BENJAMIN MOORE	COLOR: ROCKPORT GRAY COLOR NUMBER: HC-105	TYPICAL DOOR FRAMES UNO - ULTRA SPEC 500 INTERIOR SEMI-GLOSS FINISH #639
P-3	CEILING PAINT	SHERWIN WILLIAMS	COLOR: EXTRA WHITE COLOR #: SW7096	FLAT, MATTE OR LOW SHEEN FINISH
P-4	PAINT (ACCENT PAINT)	SHERWIN WILLIAMS	COLOR: HONEST BLUE COLOR #: SW6520	ULTRA DELUXE INTERIOR OR ACRYLIC LATEX LOW SHEEN ENAMEL ON GYP. BD. ALKYD LOW SHEEN ENAMEL ON WOODS AND METALS. LOW SHEEN EPOXY ON MASONRY SURFACES.
P-21	PAINT	BENJAMIN MOORE	COLOR: REVERE PEWTER COLOR #: HC-172	ULTRA DELUXE INTERIOR OR ACRYLIC LATEX LOW SHEEN ENAMEL ON GYP. BD. ALKYD LOW SHEEN ENAMEL ON WOODS AND METALS. LOW SHEEN EPOXY ON MASONRY SURFACES.
PL-1	PLASTIC LAMINATE	WILSONART	COLOR: SATIN STAINLESS COLOR #: 4850-19	KITCHEN CABINET FRONTS
PL-2	PLASTIC LAMINATE	WILSONART	COLOR: OILED SOAPSTONE COLOR #: 4882-38	KITCHEN COUNTER AND BACKSPASHES
ST-2	STAIN	MARSHFIELD	STAIN TO MATCH HANWORTH MEDIUM CHERRY VC-U	
VF-5	SHEET VINYL	FORBO INDUSTRIES	STYLE: SMARAGD CLASSIC #6191 COLOR: BLUE GREY	
WT-2	ALUMINUM BLINDS	LEVOLOR BLINDS	STYLE: RIVERIA CLASSIC 1" BLINDS WITH TOP LOCK COLOR: SQUIRREL GREY GAUGE: STANDARD	NEW BLINDS SHOULD MATCH EXISTING STYLE, GAUGE & COLOR.



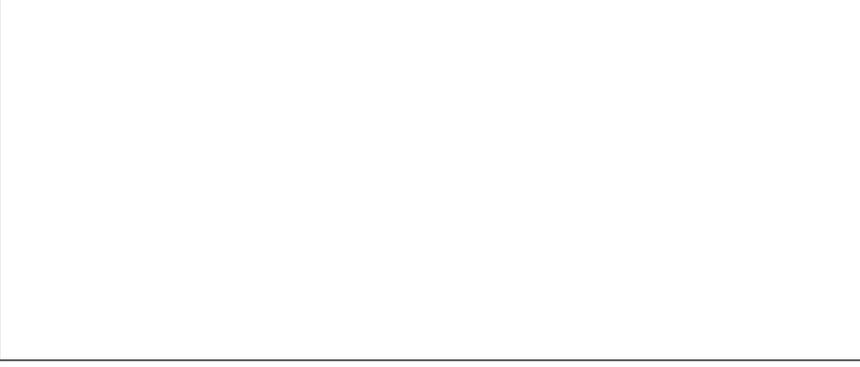
5 Enlarged Plan - Open Office 516  
Scale: 1/8" = 1'-0"



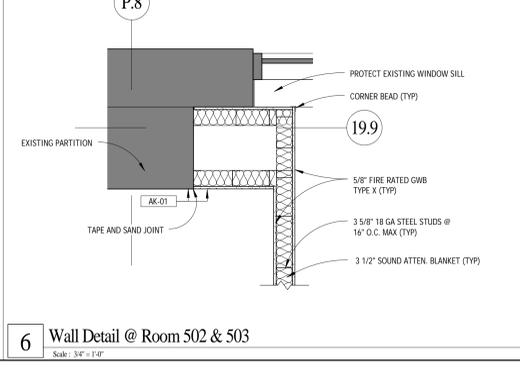
4 Enlarged Plan - Open Office 518  
Scale: 1/8" = 1'-0"



3 Enlarged Entry Area & File Room  
Scale: 1/8" = 1'-0"



7 Wall Detail @ Mullion (TYP)  
Scale: 3/4" = 1'-0"



6 Wall Detail @ Room 502 & 503  
Scale: 3/4" = 1'-0"

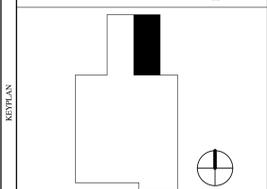
District of Columbia Courts  
Gallery Place - 5th Floor  
616 H Street, Suite 500  
Washington, DC 20001

IBI Group  
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Construction Documents for Interior Improvement to:  
District of Columbia Courts Gallery Place - 5th Floor

District of Columbia Courts  
Gallery Place  
616 H Street, Suite 500  
Washington, DC 20001



ISSUED FOR	DATE		
SOLICITATION SUBMISSION SET	08.25.2014		
APPROVALS	DATE		
NO.	DESCRIPTION	DATE	BY

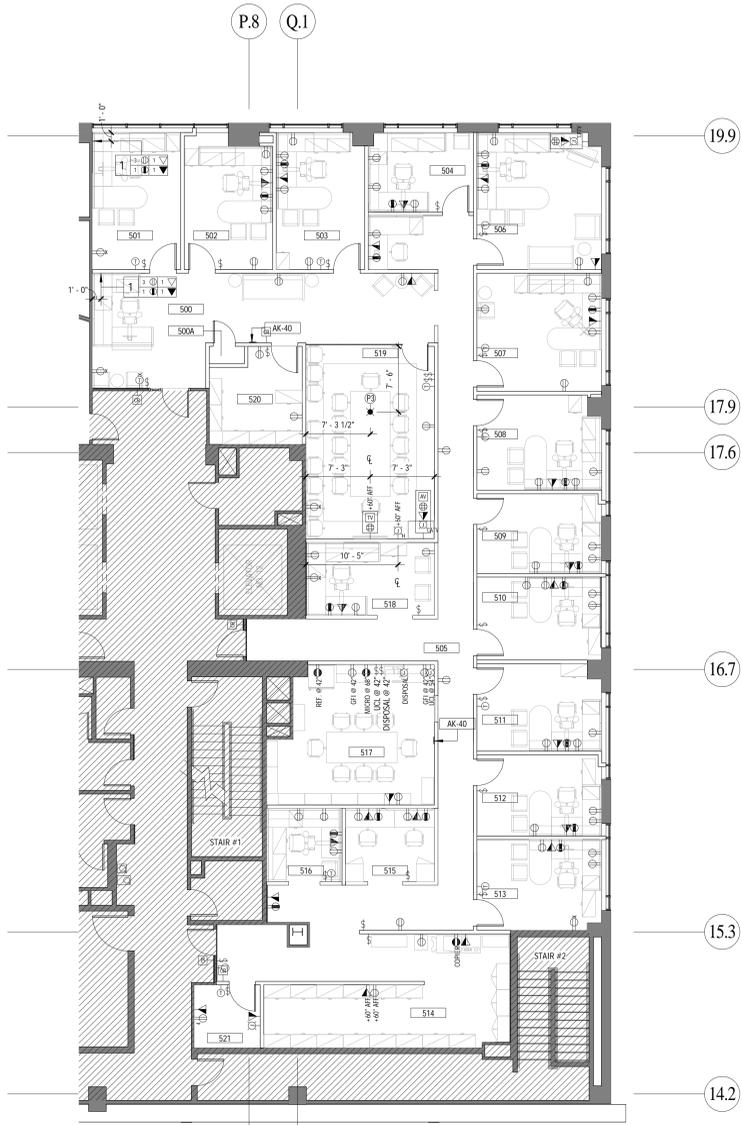
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Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
5th Floor  
Architectural New Work & Finish Plan

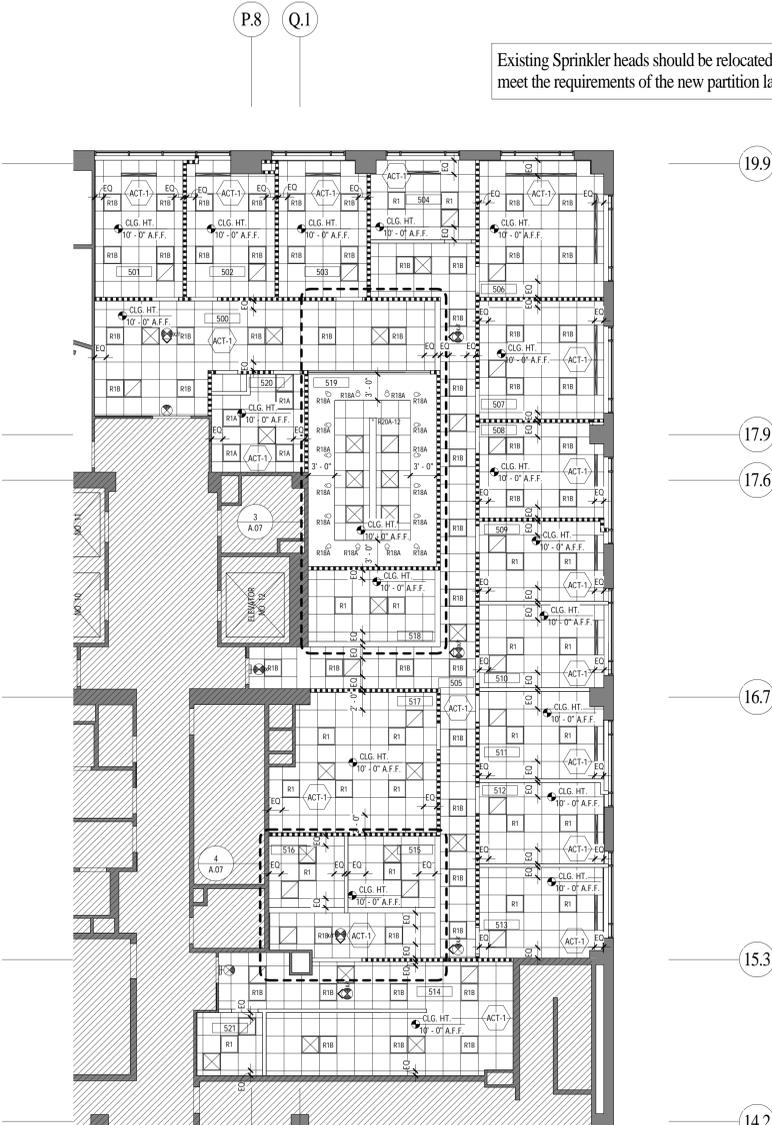
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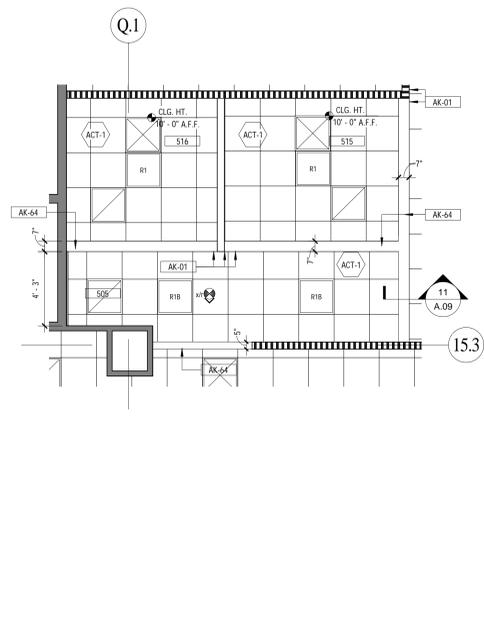


**2** PDT Plan  
Scale: 1/8" = 1'-0"

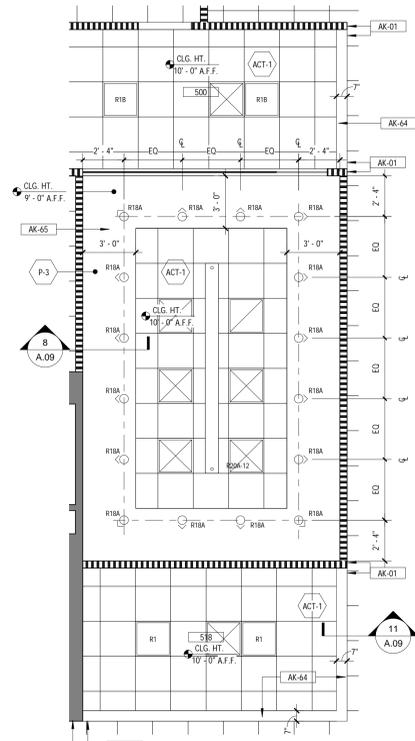
Existing Sprinkler heads should be relocated per code to meet the requirements of the new partition layout.



**1** Reflected Ceiling Plan - New Work  
Scale: 1/8" = 1'-0"



**4** Enlarged Open Office 516 Reflected Ceiling Plan - New Work  
Scale: 1/4" = 1'-0"



**3** Enlarged Conference Room Reflected Ceiling Plan - New Work  
Scale: 1/4" = 1'-0"

**Architectural Keynotes**

Symbol	NOTE:
AK-01	Align.
AK-02	Not in Contract.
AK-05	Existing doors and frames to remain. Refer to Door Schedule for Hardware.
AK-06	Paint Existing H.M. door frames (P-2)
AK-14	Transition strip. Provide Ropes Vinyl Reducer Strip in #100 Black
AK-15	Cased Opening
AK-20	Contractor shall provide and install undercabinet task lights as required. Coordinate installation with all trades. Refer to electrical drawings for light schedule.
AK-37	Limit of existing construction and finishes to remain. Carefully protect construction and finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "Like-New" conditions.
AK-38	Install transition strip. Provide Ropes Vinyl Reducer Strip in #100 Black
AK-40	Fire extinguisher and cabinet. Provide J.L. Industries Academy Series 8137V10 with Cosmic Extinguisher: Multi-purpose Chemical, Cosmic SE.
AK-64	Decorative gypsum board bulkhead - Paint (P-3)
AK-65	Gypsum board Ceiling - Paint
AK-72	Provide 3/4" Fire-rated plywood back-board mounted 2" AFF on entire wall.

**Reflected Ceiling Legend**

Subscript Key: x EXISTING TO REMAIN UNO.  
x/y EXISTING DEVICE RELOCATED.

Designation	Description	Make/Model	Volts	Lamps	Remarks
R1	RECESSED	SHAPER 404-28" IN(CLED)/3/17-1 20V-SN-TSS4B-(STEM LENGTH)		3500K LEDS PROVIDED BY MANUFACTURER (3600 LM)	
R1A	RECESSED	LEDALITE 3622-(VERSION)-ST-L-B-MOD 18-S-1-2-E 3622-(VERSION)-ST-L-B-MOD 18-S-1-277-E		3500K LEDS PROVIDED BY MANUFACTURER (1900 LM)	
R1B	RECESSED	LEDALITE 3622-(VERSION)-ST-L-B-MOD 24-S-1-2-E		3500K LEDS PROVIDED BY MANUFACTURER (2400 LM)	
R18A	RECESSED	LIGHTOLIER CAL05WV35K-CCLW+C4 LOGN2Z10V210V(OPTION N5)		3500K LEDS PROVIDED BY MANUFACTURER (500 LUMENS)	
R20A-12	PENDANT	LEDALITE 7806-LB-E-CN-(12" RUN)-1-2E-(FINISH)-(CONTROLS)	277 V	3500K LEDS PROVIDED BY MANUFACTURER (816 LM/FT)	12-FOOT RUN OF TYPE R20A
	EXISTING SPRINKLER	N/A	N/A	N/A	
J1	SPRINKLER HEAD	N/A	N/A	N/A	
	CEILING MOUNTED EXIT SIGN	LITHONIA FLH0MSWR120/277ELN WHITE	N/A	N/A	SEE PLANS FOR DIRECTIONAL ARROWS
	WALL MOUNTED EXIT SIGN	LITHONIA FLH0MSWR120/277 WHITE	N/A	N/A	SEE PLANS FOR DIRECTIONAL ARROWS

**Power/Communication Legend**

Subscript Key: x EXISTING TO REMAIN UNO.  
x/y EXISTING DEVICE RELOCATED.

Designation	Description	Remarks
	DUPLEX RECEPTACLE OUTLET: WALL MOUNTED: STANDARD UTILITY CONVENIENCE USE.	
	ISO DUPLEX RECEPTACLE OUTLET: WALL MOUNTED	
	DEDICATED DUPLEX RECEPTACLE OUTLET: WALL MOUNTED	
	WALL MOUNTED DAJL DATA/TELEPHONE	
	WALL MOUNTED DATA DEVICE	
	WALL MOUNTED CARD READER DEVICE	SHOWN FOR REFERENCE ONLY. ALL CONDUIT AND MATERIALS WILL BE PROVIDED BY THE SECURITY VENDOR.
	WALL MOUNTED LIGHT SWITCH	MOUNTED AT 45" A.F.F. UNLESS NOTED OTHERWISE.
	WALL MOUNTED THERMOSTAT	MOUNTED AT 45" A.F.F. UNLESS NOTED OTHERWISE.
	WALL MOUNTED JUNCTION BOX	
	WALL MOUNTED JUNCTION BOX: ORIENTATED HORIZONTALLY HEIGHT INDICATED ON POWER, DATA AND TELEPHONE LOCATION PLANS	TOUCH PANEL JUNCTION BOX
	POKE THRU DEVICE - WIREMOLD 64T EVOLUTION SERIES - PROVIDE A 1/8" (MAX) CORE DRILL (CONFERENCE ROOMS)	WIREMOLD "EVOLUTION" 64T SERIES - FINISH-BLACK. INCLUDE DEVICES: 2 DUPLEX 1G OUTLET 2 DATA/PHONE CONNECTIONS 1 EXTREN 70-433-12 MINI-AAP VSA AND AUDIO INPUT FOR COMPUTERS 1 EXTREN 70-617-02 MINI-AAP HDMI INPUT FOR COMPUTERS
	WALL/SURFACE MOUNTED COMBINATION AUDIO/VIDEO DEVICE. HEIGHT INDICATED ON POWER, DATA AND TELEPHONE LOCATION PLANS	
	CATV: REQUIRES 1 GANG JUNCTION BOX FOR CABLE/SATELLITE OUTLET	
	WALL/SURFACE MOUNTED COMBINATION AUDIO/VIDEO DEVICE	
	AV SYMBOL. REQUIRES 4 GANG JUNCTION BOX CATV: REQUIRES 1 GANG JUNCTION BOX FOR CABLE/SATELLITE OUTLET	
	WALL/SURFACE MOUNTED COMBINATION AUDIO/VIDEO DEVICE. HEIGHT INDICATED ON POWER, DATA AND TELEPHONE LOCATION PLANS	
	TV SYMBOL. REQUIRES TWO GANG JUNCTION BOX	
	SYSTEMS FURNITURE BASEFEED: INDICATES TOTAL NO. OF GENERAL PURPOSE OUTLETS INDICATES TOTAL NO. OF VOICE TELEPHONE & DATA JACKS INDICATES TOTAL NO. OF DATA COMPUTER JACKS INDICATES TOTAL NO. OF ISOLATED GROUND, COMPUTER GRADE OUTLETS INDICATES TOTAL NO. OF WORKSTATIONS SERVED	CONSULT WITH SYSTEMS FURNITURE MANUFACTURER REGARDING THE WIRING REQUIRED BY SAID MANUFACTURERS' SYSTEM.



District of Columbia Courts  
Gallery Place - 5th Floor

616 H Street, Suite 500  
Washington, DC 20001



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Construction Documents for Interior Improvement to:  
District of Columbia Courts Gallery Place - 5th Floor

District of Columbia Courts

Gallery Place  
616 H Street, Suite 500  
Washington, DC 20001

Project Title	Client Name	Building Address

ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

APPROVALS	DATE

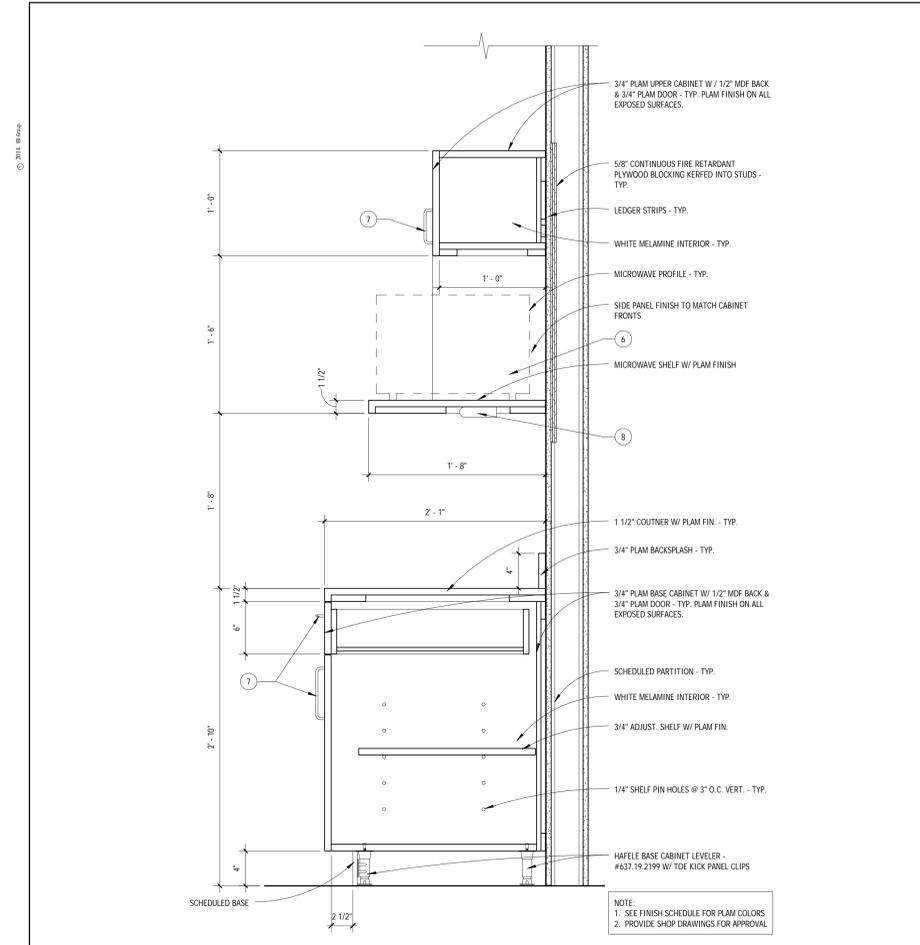
NO.	DESCRIPTION	DATE	BY

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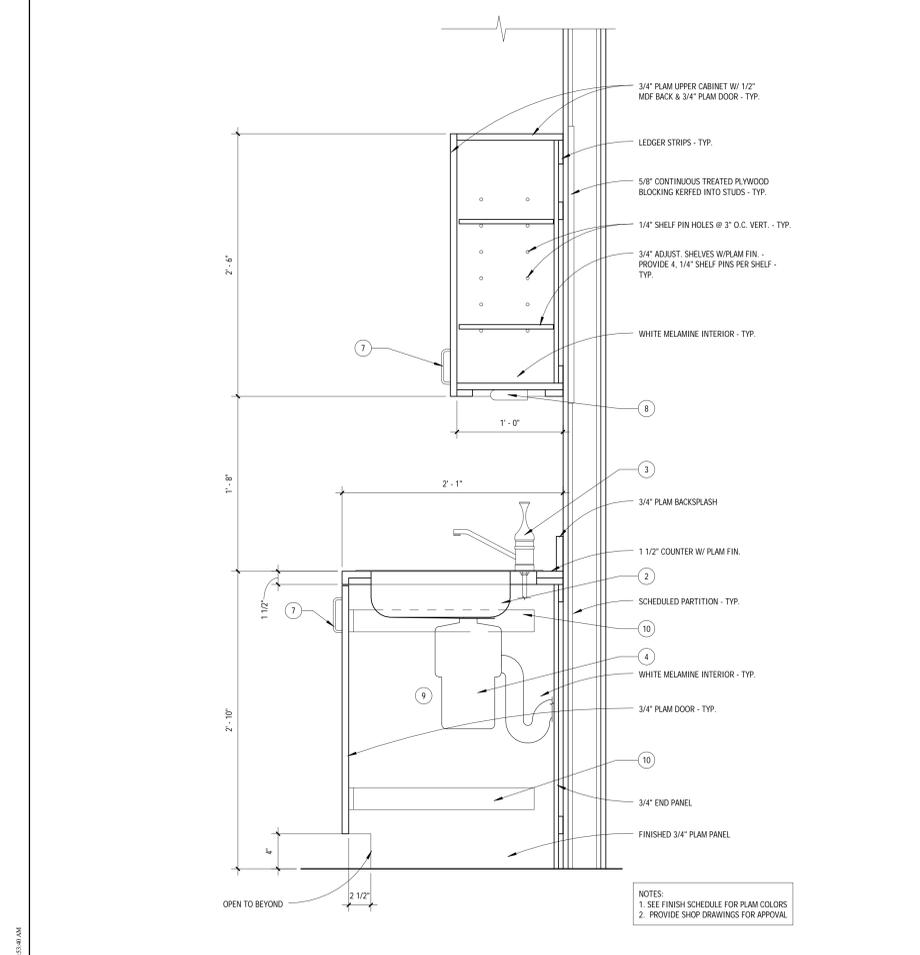
Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
5th Floor  
Reflected Ceiling & Power, Data, Telephone Plan

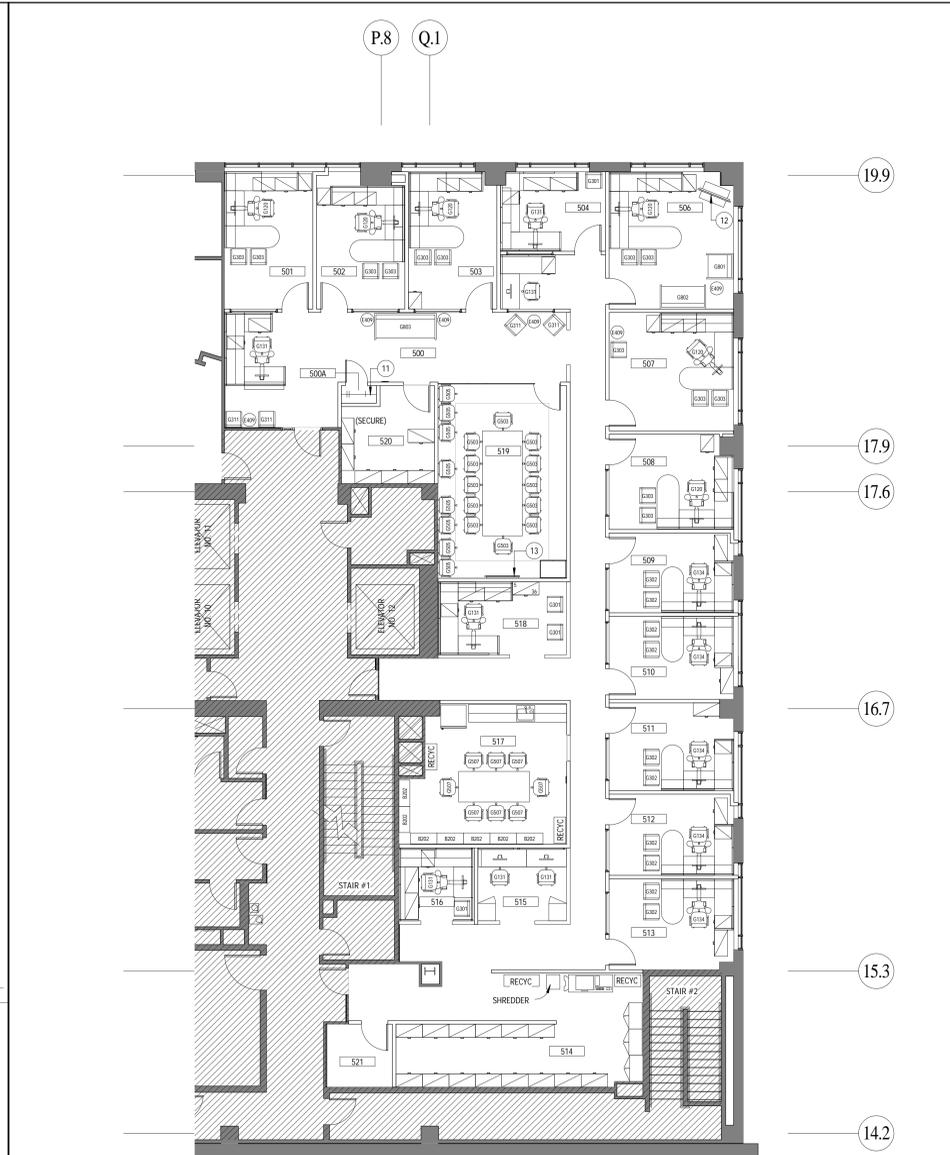
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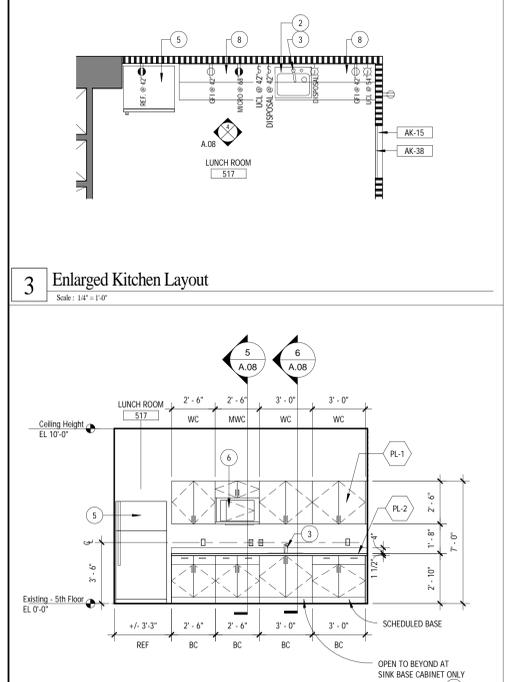
**5** Microwave Cabinet/Drawer Base Detail - Pantry  
Scale: 1/12" = 1'-0"



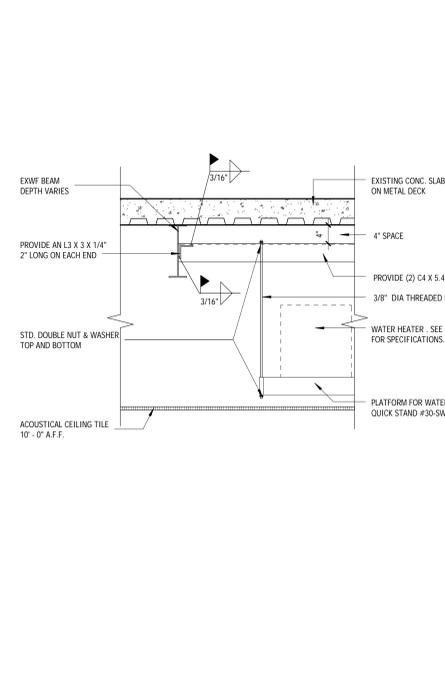
**6** Kitchenette Sink Base Detail - Pantry  
Scale: 1/12" = 1'-0"



**1** Furniture Plan  
Scale: 1/8" = 1'-0"



**4** Kitchen Elevation  
Scale: 3/4" = 1'-0"



**2** Support Framing for Suspended Water Heater  
Scale: 3/4" = 1'-0"

### Architectural Keynotes

Symbol	NOTE:
AK-#	
AK-01	Align.
AK-02	Not in Contract.
AK-05	Existing doors and frames to remain. Refer to Door Schedule for Hardware.
AK-06	Paint Existing H.M. door frames (P-2)
AK-14	Transition Strip.
AK-15	Cased Opening
AK-20	Contractor shall provide and install undercabinet task lights as required. Coordinate installation with all trades. Refer to electrical drawings for light schedule.
AK-37	Limit of existing construction and finishes to remain. Carefully protect construction and finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "Like-New" conditions.
AK-38	Install transition strip. Provide Ropes Vinyl Reducer Strip in #100 Black
AK-40	Fire extinguisher and cabinet. Provide J.L. Industries Academy Series 8137V10 with Cosmic Extinguisher: Multi-purpose Chemical, Cosmic SE.
AK-64	Decorative gypsum board bulkhead - Paint (P-3)
AK-65	Gypsum board Ceiling - Paint
AK-72	Provide 3/4" Fire-rated plywood back-board mounted 2" AFF on entire wall.

### Equipment Schedule

Designation:	Description:	Manufacturer:	Model #:	Remarks:
1	NOT USED	N/A	N/A	N/A
2	KITCHEN SINK	ELKAY	GC2R2521 SERIES	4 DRILLED HOLES
3	KITCHEN FAUCET	DELTA	400LF-HDF (WITH SPRAY)	SINGLE LEVER KITCHEN FAUCET
4	GARBAGE DISPOSAL	INSINKERATOR	EVOLUTION SERIES - EVOLUTION COMPACT	N/A
5	REFRIGERATOR	WHIRLPOOL	WRT315ZBW	FULL SIZE REFRIGERATOR - WHITE
6	MICROWAVE	WHIRLPOOL	UMC5165AW	1.6 CU.FT. COUNTERTOP MICROWAVE OVEN - WHITE
7	DRAWER / CABINET PULLS	MOCKETT	#DP57B	4 5/32" WIRE PULLS
8	UNDER CABINET TASK LIGHTING	ALICO	LINCS-100-L28	PROVIDE (4) FIXTURES. ONE MOUNTED UNDER EACH OVERHEAD CABINET.
9	UNDER SINK PROTECTION	PLUMBEREX	PRO-EXTREME	N/A
10	SINK BASE DOOR SLIDE	KNAFE & VOGT	8082 PIVOT DOOR SLIDE	FOR ADA USE
11	TYP. CLOSET SHELF & ROD	KNAFE & VOGT	770 SERIES HEAVY DUTY ROUND CLOSET ROD IN CHROME FINISH. PROVIDE 412 TUBING FLANGE IN CHROME. 1195 CLOSET SHELF & ROD SUPPORTS IN WHITE. 1980 SERIES ALL-PURPOSE SHELVES IN WHITE.	PROVIDE AT CLOSET 500A

### Audio Visual Equipment Schedule

Designation:	Description:	Manufacturer:	Model #:	Remarks:
12	LED TV	LG	42LN5400	42" CLASS 1080P 12-HZ HDTV CONTRACTOR TO PROVIDE PROPER MOUNTING HARDWARE
13	SHARP AQUOS BD INTERACTIVE DISPLAY SYSTEMS	SHARP AQUOS BD	PN-L7028 70" CLASS	ALSO PROVIDE PN-ZB-01 EXPANSION BOARD & EXTENDED USB TOUCH SCREEN CONNECTION CABLE TV TUNER / SET TOP BOX TO BE COORDINATED WITH THE COURTS CONTRACTOR TO PROVIDE PROPER MOUNTING HARDWARE

**District of Columbia Courts**  
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**Construction Documents for Interior Improvement to:**  
**District of Columbia Courts Gallery Place - 5th Floor**

**District of Columbia Courts**

**Gallery Place, Suite 500**  
Washington, DC 20001

PROJECT

Client Name

Building Address

ISSUED FOR

SOLICITATION SUBMISSION SET

DATE

08.25.2014

APPROVALS

DATE

NO.

DESCRIPTION

DATE

BY

REVISIONS

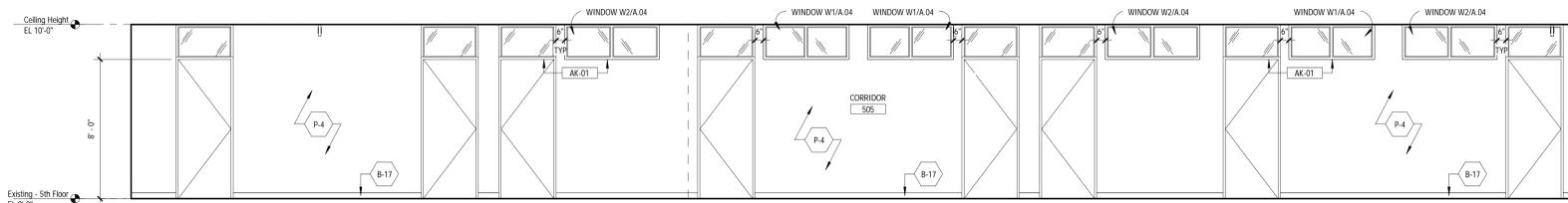
**616 H Street (Gallery Place)**  
**5th Floor**  
**Furniture Plan & Enlarged Kitchen Plans & Details**

Date: 06.27.14  
Scale: As Indicated  
Checked by: JPB  
Drawn by: AD  
Planned by: AD, CD

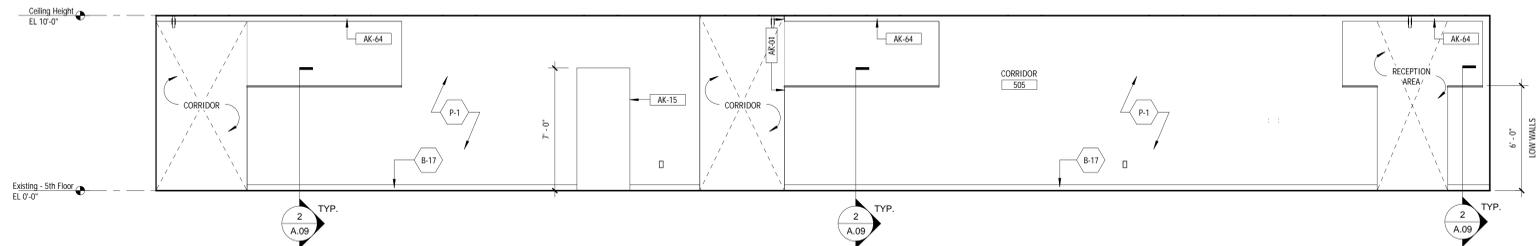
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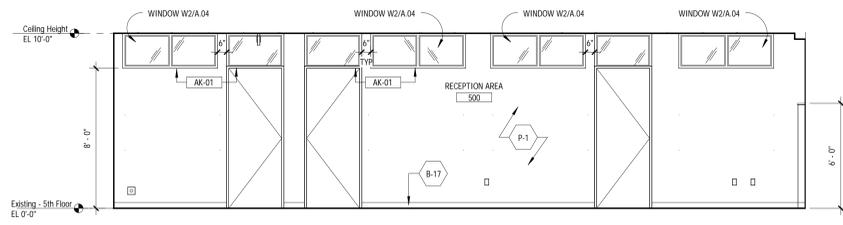
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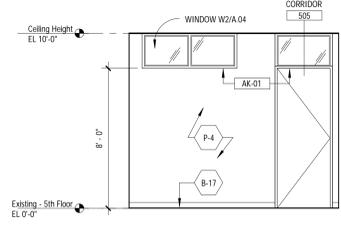
**4 East Elevation @ Corridor**  
Scale: 1/4" = 1'-0"



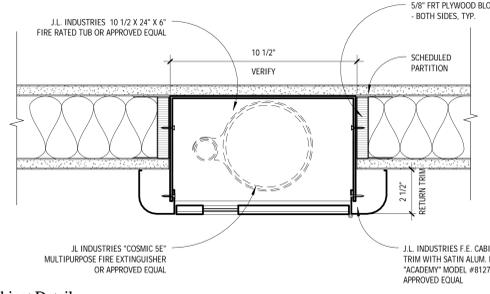
**5 West Elevation @ Corridor**  
Scale: 1/4" = 1'-0"



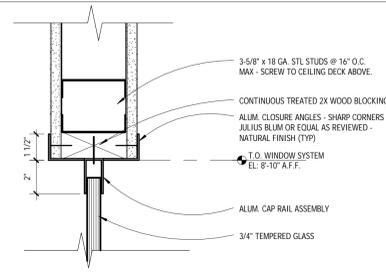
**9 North Elevation @ Reception Area**  
Scale: 1/4" = 1'-0"



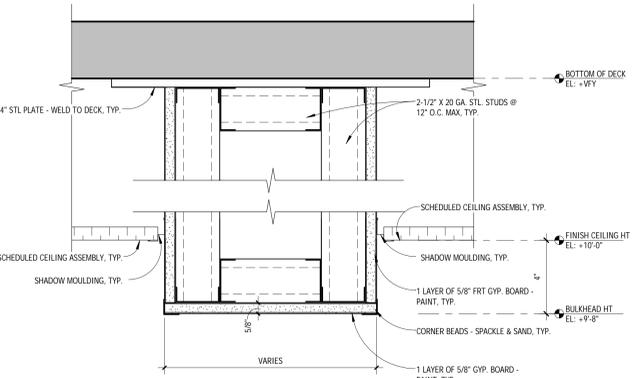
**6 North Elevation @ Corridor**  
Scale: 1/4" = 1'-0"



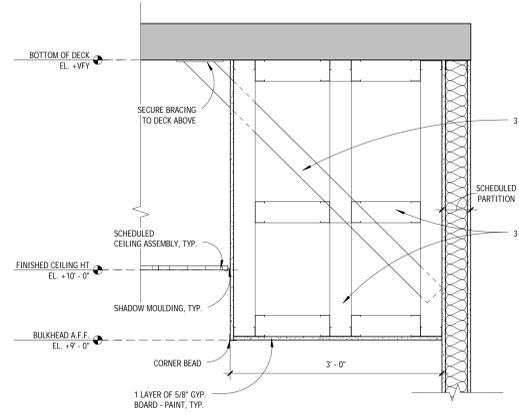
**10 Typical Fire Extinguisher Cabinet Detail**  
Scale: 3/8" = 1'-0"



**7 Head Detail - Conference Room 207**  
Scale: 3/8" = 1'-0"



**11 Typical Pilaster Bulkhead Detail**  
Scale: 3/8" = 1'-0"

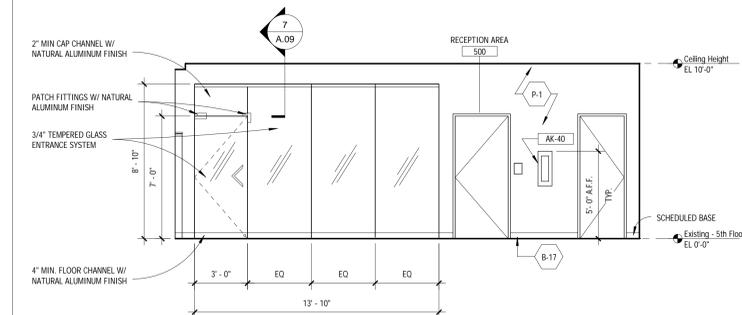


**8 Typical Bulkhead Detail @ Conference Room**  
Scale: 3/8" = 1'-0"

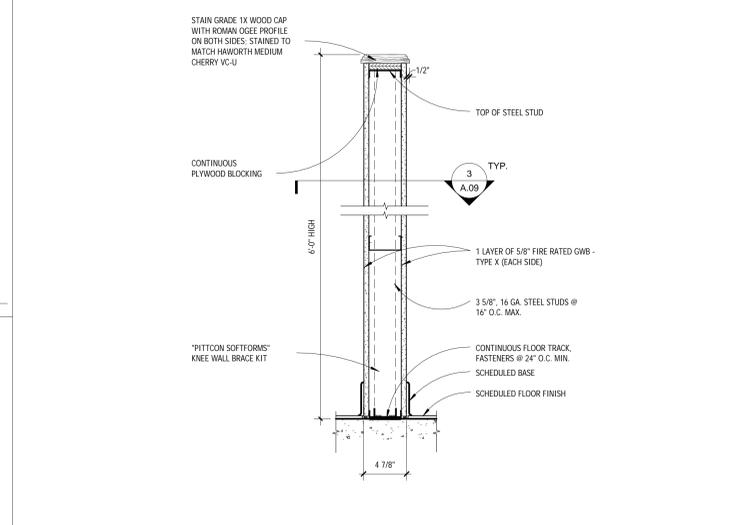
**Architectural Keynotes**

Symbol	NOTE:
AK-#	
AK-01	Align.
AK-02	Not in Contract.
AK-05	Existing doors and frames to remain. Refer to Door Schedule for Hardware.
AK-06	Paint Existing H.M. door frames (P-2)
AK-14	Transition strip.
AK-15	Cased Opening
AK-20	Contractor shall provide and install undercabinet task lights as required. Coordinate installation with all trades. Refer to electrical drawings for light schedule.
AK-37	Limit of existing construction and finishes to remain. Carefully protect construction and finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "Like-New" conditions.
AK-38	Install transition strip. Provide Roppe, Vinyl Reducer Strip in #100 Black.
AK-40	Fire extinguisher and cabinet. Provide J.L. Industries Academy Series 8137V10 with Cosmic Extinguisher: Multi-purpose Chemical, Cosmic SE.
AK-64	Decorative gypsum board bulkhead - Paint (P-3)
AK-65	Gypsum board Ceiling- Paint.
AK-72	Provide 3/4" Fire-rated plywood back-board mounted 2" AFF on entire wall.

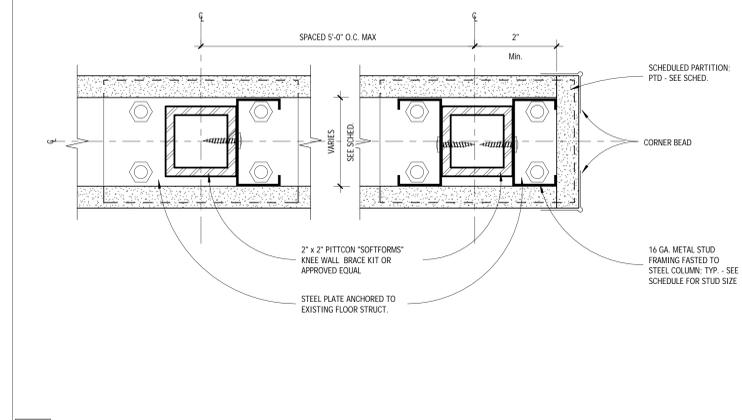
**1 Elevation @ Conference Room**  
Scale: 1/4" = 1'-0"



**2 Typical Section Thru Low Wall**  
Scale: 1/2" = 1'-0"



**3 Typical Low Wall Bracing Detail**  
Scale: 3/8" = 1'-0"



Project Title	Client Name	Building Address

ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

NO.	DESCRIPTION	DATE	BY

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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

**616 H Street (Gallery Place)**  
**5th Floor**  
**Interior Elevations & Details**

Date: 06.27.14  
Scale: As Indicated  
Checked by: JRL/WP  
Drawn by: AD  
Planned by: Designer



District of Columbia Courts  
Gallery Place - 5th Floor

616 H Street, Suite 500  
Washington, DC 20001

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WASHINGTON, DC 20002  
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WWW.LORINGENGINEERS.COM

GENERAL NOTES AND SPECIFICATIONS

- THE INTENT OF THESE DRAWINGS IS TO PROVIDE A COMPLETE AND PROPERLY FUNCTIONING HVAC SYSTEM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES NECESSARY FOR A COMPLETE INSTALLATION OF THE MECHANICAL SYSTEM INDICATED ON THE DRAWINGS AND NOTED IN HEREINAFTER. CONTRACTOR IS OBLIGATED TO EXAMINE PLANS, ANY OBSERVED FAULTS OR AMBIGUITY IN THIS PLAN SET SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY, SO THAT THE MATTER MAY BE RESOLVED PRIOR TO SUBMISSION OF BIDS. BY SUBMISSION OF BID, THE CONTRACTOR SHALL ACKNOWLEDGE ACCEPTANCE OF THIS PLAN SET AS AN ADEQUATE DEFINITION OF THE SCOPE OF WORK AND EXTRA COST CLAIMS BASED ON INADEQUACY OF PLANS WILL NOT BE CONSIDERED.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO MAKING A PROPOSAL AND INFORM THE ARCHITECT IN WRITING OF ANY EXISTING CONDITIONS THAT IN HIS OPINION PREVENT SUCCESSFUL COMPLETION OF THE WORK AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION, JOB-SITE MEETING PRIOR TO ANY DEMOLITION TO SCHEDULE WORK WITH THE BUILDING MANAGEMENT.
- THE CONTRACTOR SHALL FURNISH FULL SIZE COPIES OF MEP AS-BUILT DRAWINGS AS REQUIRED BY THE OWNER.
- ALL WORK ON THIS PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
- CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS AND ARRANGE FOR INSPECTIONS BY LOCAL AUTHORITIES HAVING JURISDICTION.
- MECHANICAL CONTRACTOR SHALL THOROUGHLY CLEAN HIS WORK AREA DAILY OR AS DIRECTED BY THE GENERAL CONTRACTOR OR OWNER. MECHANICAL CONTRACTOR SHALL ALSO REMOVE ALL HIS TRASH AND DEBRIS AFTER THE COMPLETION OF THE WORK.
- THE WORK DETAILED ON THESE PLANS IS BASED ON PREVIOUSLY PREPARED TENANT FIT-UP/BASE DRAWINGS, WHERE EXISTING FIELD CONDITIONS ARE DIFFERENT THAN SHOWN, THE CONTRACTOR SHALL ADVISE THE ARCHITECT OF DISCREPANCIES WHICH WILL AFFECT THE PROPOSED WORK PRIOR TO BEGINNING THE WORK.
- SYMBOLS SHOWN ON SCHEDULES DEFINE TYPE OF EQUIPMENT ONLY. CONTRACTOR IS RESEARCHING DRAWINGS FOR EXACT QUANTITIES REQUIRED OF EACH TYPE.
- THESE DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO DEPICT THE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. CONSULT ARCHITECTURAL PLANS TO VERIFY LOCATION OF WALLS, ETC. CONTRACTOR SHALL EXAMINE ALL CONTRACT DRAWINGS RELATED TO THIS AND OTHER TRADES AND SHALL BE FULLY INFORMED AS TO THE EXTENT OF THIS CONTRACT AND ALL INCLUDED WORK ON PLANS FOR OTHER TRADES.
- QUALITY OF MATERIALS SHALL BE NEW, BEST OF THEIR RESPECTIVE KIND, FREE FROM DEFECTS AND LISTED BY ARI OR APPROPRIATE TESTING AGENCY.
- SUBMIT EQUIPMENT SHOP DRAWINGS FOR APPROVAL. NO MATERIAL OR EQUIPMENT MUST BE DELIVERED TO THE JOB SITE OR INSTALLED UNTIL THE APPROVED SHOP DRAWINGS FOR THE PARTICULAR MATERIAL OR EQUIPMENT HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER.
- THE MECHANICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HVAC WORK WITH EXISTING CONDITIONS AND THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO AVOID MINOR CONFLICTS. WHEN MAJOR CONFLICTS ARE APPARENT, THE ARCHITECT SHALL BE ADVISED IMMEDIATELY, AND AFFECTED WORK SHALL NOT BE INSTALLED UNTIL THE CONFLICT HAS BEEN RESOLVED.
- DO NOT SUPPORT ANY CEILINGS OR OTHER BUILDING STRUCTURE FROM DUCTWORK OR PIPES. DO NOT ALLOW DUCTS, PIPES OR CONDUITS TO DIRECTLY COME IN CONTACT WITH BUILDING WALLS OR FLOORS.
- CEILING SPACE ABOVE HUNG CEILING SHALL BE USED AS RETURN AIR PLENUM. ALL EQUIPMENT AND MATERIAL TO BE LOCATED IN THE RETURN AIR PLENUM. CEILING SHALL BE PLENUM RATED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
- PROVIDE CODE APPROVED SAFING AROUND ALL PIPING AND DUCTWORK PENETRATIONS THROUGH BUILDING CONSTRUCTION TO MAINTAIN FIRE, SMOKE AND SOUND RATINGS.
- FLEXIBLE DUCTWORK SHALL BE NEW AND BE U.L. 181 CLASS 1 INSULATED TYPE FLEXIBLE AIR DUCT. FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 6 FEET IN LENGTHS WHERE FLEXIBLE DUCT LENGTH WILL EXCEED 6 FEET, RIGID ROUND DUCT SHALL BE USED TO KEEP THE FLEXIBLE DUCT TO UNDER 6 FEET. DUCTWORK SHALL BE CONNECTED TO LOW PRESSURE DUCT THROUGH AIR TIGHT COLLARS WITH GASKETS AND VOLUME DAMPERS. FLEXIBLE DUCT SIZE SHALL BE THE SAME AS DIFFUSER NECK SIZE. FLEXIBLE DUCT SHALL NOT PASS THROUGH SLAB TO SLAB PARTITIONS, WHERE FLEXIBLE DUCTS ARE SHOWN TO PASS THROUGH PARTITIONS, PROVIDE ROUND RIGID DUCT OF SAME SIZE. PROVIDE TRANSITIONS AND ACCESSORIES REQUIRED TO CONNECT TO AND FROM RIGID DUCT. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF SLAB TO SLAB PARTITIONS.
- ALL NEW DUCTWORK SHALL BE FABRICATED FROM GALVANIZED SHEET METAL (G90) IN ACCORDANCE WITH LATEST SMACNA DUCT CONSTRUCTION STANDARDS. LOW PRESSURE DUCTWORK SHALL BE SUITABLE FOR MINIMUM 2" WG PRESSURE, SEAL CLASS A. MEDIUM PRESSURE DUCTWORK SHALL BE SUITABLE 3" WG PRESSURE, SEAL CLASS A.
- ALL DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- PROVIDE AIR TURNING DEVICES IN DUCTWORK AT ANY CHANGES IN DIRECTION OF 45 DEGREE OR GREATER.
- ALL MECHANICAL EQUIPMENT AND DEVICES SHALL BEAR THE LABEL OF AN APPROVED TESTING AGENCY AND SHALL BE APPROVED FOR THE PROPOSED USE AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ALL WORK (MATERIAL AND LABOR) TO BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER.
- CONTRACTOR SHALL VERIFY ALL POINTS OF CONNECTIONS BEFORE COMMENCING WORK.
- ALL DUCTWORK SHALL BE SUSPENDED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LATEST SMACNA DUCT CONSTRUCTION STANDARDS. SUPPORT DIFFUSERS AND ALL MECHANICAL EQUIPMENT FROM BEAM OR SLAB ABOVE.

SYMBOLS AND ABBREVIATIONS

- ALL NECESSARY ALLOWANCES AND PROVISIONS SHALL BE MADE BY THIS CONTRACTOR FOR BEAMS, COLUMNS OR OTHER OBSTRUCTIONS OF THE BUILDING OR THE WORK OF OTHER CONTRACTORS, WHETHER OR NOT SAME IS INDICATED. WHERE NECESSARY TO AVOID OBSTRUCTIONS, THE DUCTS SHALL BE TRANSFORMED, OFFSET, RAISED OR LOWERED WITH THE REQUIRED FREE AREA BEING MAINTAINED.
- DUCTWORK SHALL BE INSTALLED TIGHT TO UNDERSIDE OF BUILDING STRUCTURE. ADJUST DUCT ELEVATION TO MAINTAIN DUCT TIGHT TO BOTTOM OF STRUCTURE WHERE STRUCTURE ELEVATIONS CHANGE. ALL DUCT PENETRATION THROUGH SLAB HIGH PARTITION SHALL BE SEALED.
- AFTER COMPLETION OF THE DUCTWORK AND PRIOR TO ACCEPTANCE BY THE TENANT, AIR HANDLING APPURTENANCES SHALL BE ADJUSTED AND BALANCED TO DELIVER THE AIR QUANTITIES AND WATER FLOW SHOWN USING APPROPRIATE NEBB PROCEDURES. OBTAIN THE SERVICES OF AN INDEPENDENT TESTING AGENCY THAT IS CERTIFIED BY THE NATIONAL ENVIRONMENTAL BALANCING BUREAU. PROVIDE ALL NECESSARY ACCESSORIES FOR DUCTWORK AND PIPING TO ALLOW PROPER AIR AND WATER BALANCE. BALANCE TENANT AIR SYSTEMS TO QUANTITIES INDICATED UNDER THE SUPERVISION OF A REGISTERED ENGINEER. BRANCH DUCTWORK CONNECTIONS TO MAIN DUCT AND DIFFUSER RUNOUTS SHALL INCLUDE VOLUME DAMPERS. SUBMIT BALANCING REPORTS ON NEBB OR AABC FORMS STAMPED BY THE REGISTERED ENGINEER WHO SUPERVISED THE TESTING. ALL EXISTING AND NEW FAN POWERED BOXES IN THIS AREA OF WORK SHALL BE TESTED AND REBALANCED FOR MINIMUM AND MAXIMUM PRIMARY AIR QUANTITIES AND FAN CFM.
- PROVIDE 1" THICK DUCT LINING WITH AVERAGE DENSITY OF NOT LESS THAN 1 1/2 LB/CUBIC FEET, SOUND LINE ENTIRE LENGTH OF ALL NEW DUCTWORKS. EXTERNALLY INSULATE ALL NEW MEDIUM PRESSURE SUPPLY AIR DUCT WITH 1 1/2" UL LISTED FIBERGLASS INSULATION WITH VAPOR BARRIER. WHERE THE DUCTS ARE INTERNALLY INSULATED, EXTERNAL INSULATION IS NOT REQUIRED. INSULATION TO BE PROVIDED SHALL CONFORM IN ACCORDANCE WITH ASTM E84, 25/50.
- ALL UNUSED OPENINGS ON DUCTWORK AND VAV BOX DISCHARGED PLENUM/DUCT SHALL BE CAPPED AND SEALED AIR TIGHT USING SHEET METAL, SCREWS AND DUCT SEALANT. ANY DUCTWORK EXPOSED DURING CONSTRUCTION MUST BE REPAIRED AND SEALED IF HOLES OR PENETRATIONS ARE MADE.
- CONTRACTOR SHALL REPAIR ANY LEAK IN ANY DUCTWORK FOUND DURING BALANCING OF THE AIR SYSTEM.
- PATCH AND REPAIR ALL EXISTING DAMAGED DUCT INSULATION AND SEAL VAPOR PROOF AS REQUIRED.
- ALL MATERIAL AND WORK SHALL CONFORM WITH THE BASE BUILDING SPECIFICATION AND STANDARD. CONTRACTOR SHALL OBTAIN A COPY OF THE BASE BUILDING SPECIFICATION FROM THE OWNER.
- NO COMBUSTIBLE MATERIALS SHALL BE ALLOWED IN AIR PLENUM.
- ANY DUCT, PIPE, CONDUIT, CABLE, ETC. THAT IS VISIBLE ABOVE A CEILING GRILLE SHALL BE PAINTED USING A FLAT BLACK PAINT.
- PROVIDE 1" SOUND LINING IN ALL NEW SUPPLY, EXHAUST AND TRANSFER AIR DUCTS.
- ALL EXISTING FAN POWERED BOXES AND HEATING COILS IN THE AREA OF WORK SHALL BE RECALIBRATED AND TESTED FOR LEAKS OR DAMAGES. SEAL OPEN JOINT AND SEAM TO KEEP VAV BOX AIR TIGHT WITH HIGH PRESSURE DUCT SEALANT AND TAPE. REPAIR/REPLACE ANY DEFECTIVE UNIT FOUND AND SHALL BE REPORTED TO THE BUILDING ENGINEER.
- PROTECT ALL EXISTING BASE BUILDING AIR HANDLING UNITS WITH CONSTRUCTION FILTER OVER THE RETURN AIR OPENINGS. CONTRACTOR SHALL CHANGE FILTERS AS NEEDED OR AS DETERMINED BY THE BUILDING ENGINEER.
- ALL THERMOSTATS IN THE AREA OF WORK SHALL BE TESTED AND CALIBRATED FOR WINTER/SUMMER OPERATION. COORDINATE CALIBRATION WITH THE BUILDING ENGINEER. THERMOSTAT SHALL BE BASE BUILDING STANDARD. NO THERMOSTAT SHALL BE LOCATED ABOVE HEAT PRODUCING OFFICE EQUIPMENT. COORDINATE THE LOCATION OF SUCH EQUIPMENT PRIOR TO PLACEMENT OF THE THERMOSTAT.
- ALL CONTROL WORK SHALL CONFORM TO BASE BUILDING STANDARD AND SHALL BE INTERLOCKED WITH BUILDING AUTOMATION SYSTEM. CONTROL WORK SHALL BE DONE BY THE SAME BASE BUILDING CONTROL CONTRACTOR. COORDINATE REQUIREMENT WITH BUILDING ENGINEER/OWNER. ALL CONTROL WORK INCLUDING SEQUENCE OF OPERATION SHALL CONFORM TO BASE BUILDING STANDARD. CONTRACTOR SHALL OBTAIN A COPY OF THE BASE BUILDING SPECIFICATION FOR REFERENCE AND USE.
- PRIOR TO HVAC SYSTEM MODIFICATION, VALIDATE THAT EXISTING AIR HANDLING UNITS PERFORM AS PER BASE BUILDING DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR BID AND REVIEW AS-BUILT CONDITIONS OF BASE BUILDING DUCTWORK. IF DISCREPANCIES ARE FOUND WITH AS-BUILT CONDITIONS AND MECHANICAL DRAWINGS, THE CONTRACTOR SHALL INFORM THE ARCHITECT OF SAID DISCREPANCIES. NO REQUEST FOR CHANGE WILL BE RECOGNIZED FOR FAILURE TO FOLLOW THIS REQUIREMENT.
- PROVIDE DIELECTRIC FITTINGS WHERE DISSIMILAR METALS ARE JOINED.
- INSULATE ALL NEW CHILLED WATER SUPPLY, CHILLED WATER RETURN AND CONDENSATE DRAIN WITH 1" FIBERGLASS INSULATION WITH ASJ AND VAPOR BARRIER. PROVIDE HARD DRAWN COPPER PIPE TYPE "L" FOR ALL NEW PIPES.
- DAMPERS SHALL MEET THE REQUIREMENTS OF NFPA90A, 92A AND 92B AND SHALL BE CLASSIFIED AS SMOKE DAMPERS IN ACCORDANCE WITH THE LATEST VERSION OF UL555S. THE LEAKAGE RATING IN ACCORDANCE WITH UL555S SHALL BE LEAKAGE CLASS 2. THE DAMPERS SHALL BE AMCA LICENSED FOR AIR PERFORMANCE AND SHALL BEAR THE AMCA CERTIFIED RATINGS SEAL. ALSO, THE DAMPERS AND THEIR ACTUATORS SHALL BE RATED FOR TEMPERATURE OF 250 degF. DAMPER FRAME SHALL BE CONSTRUCTED OF UNFRAMED DESIGN CONCEPT (UDC) AND SHALL BE MINIMUM 16 GAGE GALVANIZED STEEL FORMED INTO A STRUCTURAL HAT CHANNEL REINFORCED AT CORNERS. DAMPER BLADES SHALL BE SINGLE SKIN GALVANIZED STEEL 16 GAGE MINIMUM WITH THREE LONGITUDINAL GROOVES FOR REINFORCEMENT. BEARINGS SHALL BE STAINLESS STEEL SLEEVE TURNING IN AN EXTRUDED HOLE IN THE FRAME. BLADE EDGE SEALS SHALL BE INFLATABLE SILICONE COATED FIBERGLASS AND GALVANIZED STEEL MECHANICALLY LOCKED INTO BLADE EDGE (ADHESIVE OR CLIP ON SEALS NOT ACCEPTABLE). JAMB SEALS SHALL BE STAINLESS STEEL COMPRESSION TYPE.

SYMBOLS AND ABBREVIATIONS

- NEW DUCTWORK
- EXISTING DUCTWORK TO REMAIN
- EXISTING DUCTWORK TO BE REMOVED
- DUCTWORK WITH FLEXIBLE CONNECTION
- EXISTING FLEXIBLE DUCT TO REMAIN
- NEW FLEXIBLE DUCT
- POINT OF CONNECTION, NEW DUCT TO EXISTING DUCT (TYPICAL)
- EXISTING UNIT / WORK TO BE REMOVED
- AREA NOT IN CONTRACT
- EXISTING TRANSFER DUCT WITH FIRE DAMPER TO REMAIN
- OPEN END DUCT WITH WIRE MESH SCREEN
- EXISTING FAN POWERED VAV BOX TO REMAIN
- EXISTING FAN POWERED VAV BOX TO BE REMOVED AND RELOCATED
- RELOCATED FAN POWERED VAV BOX
- NEW FAN POWERED VAV BOX
- EXISTING SLOT DIFFUSER TO BE REMOVED
- EXISTING 24x24 SUPPLY AIR DIFFUSER TO BE REMOVED
- EXISTING 24x24 RETURN GRILLE
- NEW 24x24 RETURN AIR GRILLE
- EXISTING THERMOSTAT TO BE REMOVED
- NEW THERMOSTAT
- POINT OF CONNECTION, NEW TO EXISTING
- POINT OF DISCONNECTION, DEMOLISHED FROM EXISTING TO REMAIN
- VOLUME DAMPER
- FIRE DAMPER WITH ACCESS DOOR
- SMOKE DAMPER
- CONDENSER WATER RETURN
- CONDENSER WATER SUPPLY
- CONDENSATE DRAIN

SYMBOLS AND ABBREVIATIONS

- ARROW INDICATES DIRECTION OF FLOW
- CHECK VALVE
- WATER REGULATING VALVE
- GATE VALVE
- COMBINATION BALANCING AND SHUT-OFF VALVE WITH PETE'S PLUG
- STRAINER 'Y' TYPE WITH BLOWDOWN VALVE
- PRESSURE GAUGE; GAUGE COCK
- THERMOMETER
- CONDENSATE PUMP
- DEGREE FAHRENHEIT
- AHU
- AIR HANDLING UNIT
- CFM
- CUBIC FEET PER MINUTE
- DB
- DRY BULB
- E
- EXISTING TO REMAIN
- EF
- EXHAUST FAN
- ENT
- ENTERING
- ER
- EXISTING TO BE RELOCATED
- ER
- EXISTING
- (E) . EX
- EXISTING
- FLA
- FULL LOAD AMPERE
- GPM
- GALLON PER MINUTE
- HP
- HORSEPOWER
- IN WG
- INCH WATER GAUGE
- LVG
- LEAVING
- MAX
- MAXIMUM
- MBH
- THOUSAND BRITISH THERMAL UNIT PER HOUR
- MCA
- MINIMUM CIRCUIT AMPERE
- MFS
- MAXIMUM FUSE SIZE
- MIN
- MINIMUM
- N
- NEW
- NC
- NOISE CRITERIA
- NIC
- NOT IN CONTRACT
- NO.
- NUMBER
- OA
- OUTSIDE AIR
- OED
- OPEN END DUCT WITH WIRE MESH SCREEN
- PD
- PRESSURE DROP
- R
- RELOCATED
- RPM
- REVOLUTION PER MINUTE
- SQ. FT.
- SQUARE FEET
- TEMP
- TEMPERATURE
- TYP
- TYPICAL
- UON
- UNLESS OTHERWISE NOTED
- VAV
- VARIABLE AIR VOLUME
- WB
- WET BULB
- WG
- WATER GAUGE

DRAWING INDEX

M.01	MECHANICAL GENERAL NOTES, SYMBOLS AND ABBREVIATIONS, AND DRAWING INDEX
M.02	MECHANICAL 5TH FLOOR DEMOLITION PLAN
M.03	MECHANICAL 5TH FLOOR NEW WORK PLAN
M.04	MECHANICAL SCHEDULES AND DETAILS

Construction Documents for Interior Improvement to:  
District of Columbia Courts Gallery Place - 5th Floor

Project Title

Client Name

Building Address

District of Columbia Courts  
Gallery Place  
616 H Street, Suite 500  
Washington, DC 20001

ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
5th Floor  
Mechanical General Notes and Specifications, Symbols and Abbreviations, and Drawing Index

Date: 08/21/14  
Scale: None  
Checked by: VN  
Drawn by: CCU  
Planned by: CCU





District of Columbia Courts  
 Gallery Place - 5th Floor  
 616 H Street, Suite 500  
 Washington, DC 20001

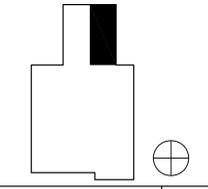
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 fax 703.836.2484

Mechanical / Electrical / Plumbing Engineer



Construction Documents for Interior Improvement to:  
 District of Columbia Courts Gallery Place - 5th Floor  
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 616 H Street, Suite 500  
 Washington, DC 20001

Project Title  
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 Building Address



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APPROVALS DATE

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 Contracting Officer  
 District of Columbia Courts

616 H Street (Gallery Place)  
 5th Floor  
 Mechanical  
 5th Floor New Work Plan

Date: 08/23/14  
 Scale: AS NOTED  
 Checked by: VN  
 Drawn by: CCU  
 Planned by: CCU

### SEQUENCE OF OPERATION

#### SERIES FAN POWERED BOX

THE EXISTING CONTROL SYSTEM FOR VAV BOXES IS DDC CONTROL. CONTRACTOR SHALL SUPPLY AND INSTALL ALL MATERIALS THAT ARE PLENUM RATED FOR THE SATISFACTORY OPERATION OF THE SYSTEM. ALL NEW CONTROL SYSTEM AND WORK SHALL BE BUILDING STANDARD AND SHALL BE COORDINATED WITH BUILDING OWNER. INTERFACE VAV BOX CONTROL WITH BUILDING ENERGY MANAGEMENT SYSTEM.

#### OCCUPIED MODE

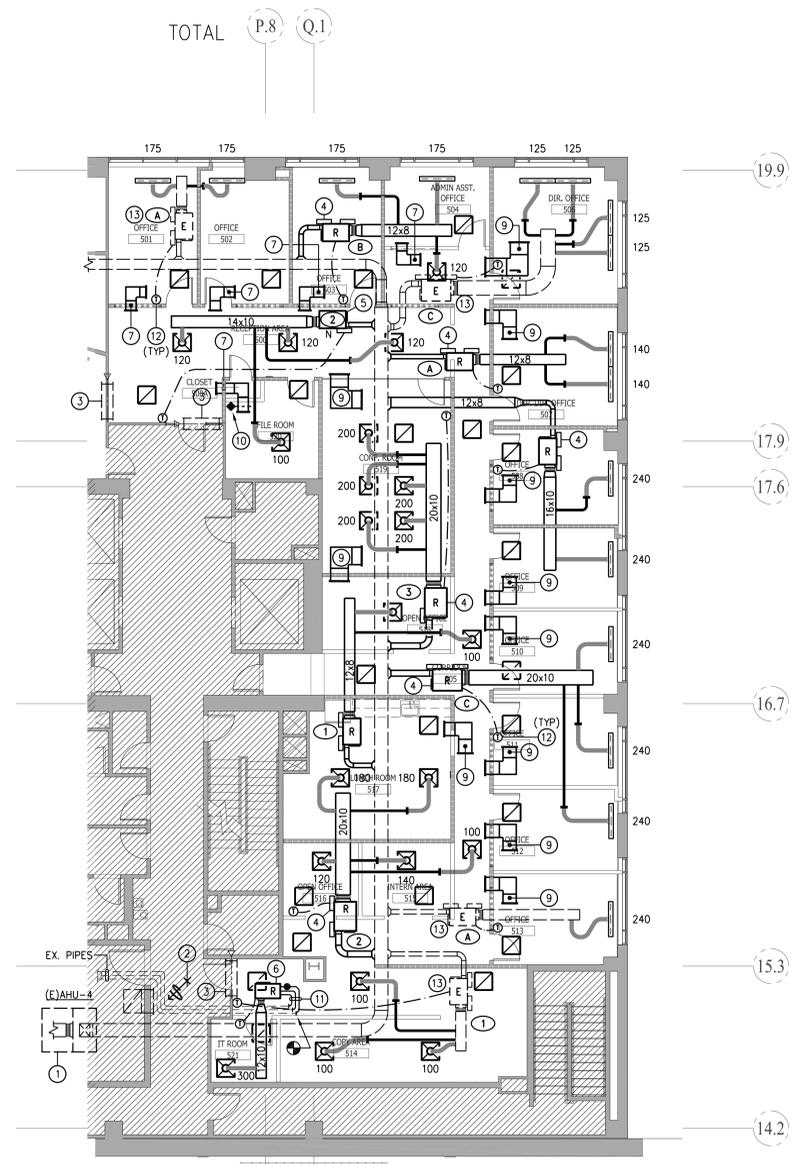
THE UNIT FAN SHALL RUN CONTINUOUSLY. UPON A RISE IN SPACE TEMPERATURE ABOVE COOLING SET POINT, THE TERMINAL UNIT SHALL MODULATE TO PROVIDE MAXIMUM COOLING CFM. A DROP IN SPACE TEMPERATURE SHALL MODULATE THE VALVE TO ITS MINIMUM SETTINGS TO MAINTAIN THE ROOM SET POINT.

#### UNOCCUPIED MODE

THE PRIMARY AIR VALVE SHALL BE CLOSED, THE TERMINAL FAN AND HEAT SHALL CYCLE AS NEEDED TO MAINTAIN REDUCED SPACE TEMPERATURE.

#### FAN COIL UNIT

FAN COIL UNIT FAN SHALL RUN CONTINUOUSLY. A SPACE THERMOSTAT SHALL MODULATE THE CHILLED WATER COIL VALVE TO MAINTAIN THE SPACE TEMPERATURE. INTERFACE THE OPERATION OF THE FAN COIL UNIT WITH BAS. COORDINATE THE REQUIREMENT WITH BUILDING ENGINEER.



1 5TH FLOOR NEW WORK PLAN  
 Scale: 1/8" = 1'-0"

### GENERAL NOTES

1. PROVIDE NEW THERMOSTAT FOR EACH NEW AND EXISTING FAN POWERED VAV BOXES, UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION OF THERMOSTAT WITH THE ARCHITECT. NO THERMOSTAT SHALL BE LOCATED ADJACENT TO OR ABOVE HEAT PRODUCING EQUIPMENT.
2. ALL DISTURBED/DAMAGED AREA AFFECTED BY THE INSTALLATION OF NEW WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
3. REBALANCE THE ENTIRE AIR SYSTEM (INCLUDING THE EXISTING AIR HANDLING UNITS AND VAV BOXES) TO PROVIDE THE REQUIRED OUTDOOR AIR AS INDICATED ON THE PLAN. OBTAIN THE NECESSARY INFORMATION NEEDED TO REBALANCE THE SYSTEM FROM THE BUILDING ENGINEER/OWNER.
4. PROVIDE ACCESS AND CODE CLEARANCE FOR NEW AND RELOCATED VAV BOX ELECTRIC DUCT HEATERS AND CONTROL PANELS. LOCATE VAV BOX TO ALLOW FOR COMPLETE ACCESS TO ALL SERVICEABLE PARTS.
5. PROVIDE 1" SOUND LINING IN ALL NEW SUPPLY, EXHAUST AND TRANSFER AIR DUCTS.

### PLAN NOTES

- 1 EXISTING AIR HANDLING UNIT.
- 2 EXISTING RETURN AIR DUCT/OPENING TO REMAIN.
- 3 EXISTING TRANSFER AIR DUCT WITH FIRE DAMPER TO REMAIN.
- 4 COORDINATE INSTALLATION OF RELOCATED FAN POWERED BOX WITH EXISTING WORK IN THIS AREA. MODIFY EXISTING WORK TO ACCOMMODATE INSTALLATION OF RELOCATED BOX AS REQUIRED. EXTEND CONTROL AND ELECTRICAL WIRING AS REQUIRED.
- 5 COORDINATE INSTALLATION OF NEW FAN POWERED BOX WITH EXISTING WORK IN THIS AREA. MODIFY EXISTING WORK TO ACCOMMODATE INSTALLATION OF NEW BOX AS REQUIRED.
- 6 COORDINATE INSTALLATION OF RELOCATED UNIT AND ASSOCIATED CONDENSATE PUMP, DRAIN PAN, VALVES, CONTROL, AND ALL ACCESSORIES WITH EXISTING WORK IN THIS AREA. MODIFY EXISTING WORK TO ACCOMMODATE INSTALLATION OF RELOCATED UNIT AS REQUIRED. REBALANCE THE CHILLED WATER FLOW THROUGH FAN COIL UNIT AFTER RE-INSTALLATION.
- 7 PROVIDE AND INSTALL 12x8 SOUND LINED TRANSFER DUCT WITH WIRE MESH SCREEN AT BOTH ENDS.
- 8 PROVIDE AND INSTALL 16x10 SOUND LINED TRANSFER DUCT WITH WIRE MESH SCREEN AT BOTH ENDS.
- 9 PROVIDE AND INSTALL 24x12 SOUND LINED TRANSFER DUCT WITH WIRE MESH SCREEN AT BOTH ENDS.
- 10 SMOKE DAMPER (NORMALLY OPEN, 24 VOLTS) SHALL BE CONTROLLED BY THE SPACE SMOKE DETECTOR. WHEN SMOKE DETECTOR SENSES ANY PRODUCT OF COMBUSTION, SMOKE DAMPER SHALL CLOSE. WHEN THE SMOKE IS CLEARED FROM THE SPACE, DAMPER SHALL BE OPENED. PROVIDE SMOKE DAMPER WITH TRANSFORMER FOR LOW VOLTAGE CONTROL. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
- 11 INSULATE ALL NEW 3/4" PIPES (CONTRACTOR TO FIELD VERIFY EXISTING SIZE).
- 12 NEW THERMOSTAT (BUILDING STANDARD). COORDINATE EXACT LOCATION WITH ARCHITECT.
- 13 EXISTING FAN POWERED BOX, ASSOCIATED DUCTWORK AND ELECTRICAL WIRING SHALL REMAIN. PROVIDE NEW THERMOSTAT.



DRAWING NAME: P:\2014\08\08\616H\5thFloor\5thFloorNewWorkPlan.dwg  
 DATE: 08/23/14  
 PROJECT: 616 H Street (Gallery Place) - 5th Floor  
 SHEET: 8932.001





District of Columbia Courts  
Gallery Place - 5th Floor

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Construction Documents for Interior Improvement to:  
District of Columbia Courts Gallery Place - 5th Floor  
District of Columbia Courts  
Gallery Place  
616 H Street, Suite 500  
Washington, DC 20001

Project Title  
Client Name  
Building Address

Table with 2 columns: ISSUED FOR, DATE. Row 1: SOLICITATION SUBMISSION SET, 08.25.2014

Table with 2 columns: APPROVALS, DATE. Row 1: (Empty), (Empty)

Table with 4 columns: NO., DESCRIPTION, DATE, BY. Row 1: (Empty), (Empty), (Empty), (Empty)

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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
5th Floor  
Electrical General Notes, Symbol List  
And Drawing List

Date: 08/23/14  
Scale: None  
Checked by: BM/KP  
Drawn by: FVD  
Planned by: FVD

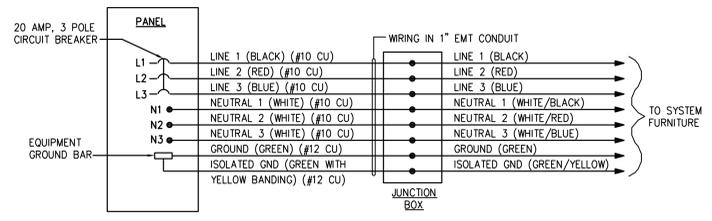
### ELECTRICAL DEMOLITION NOTES

- D1. REMOVE/RELOCATE SUCH WORK AS CALLED FOR ON THE ARCHITECTURAL DRAWINGS AND AS REQUIRED TO CLEAR THE AREAS FOR NEW CONSTRUCTION.
- D2. EXCEPT AS OTHERWISE NOTED, ALL EXISTING ELECTRICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- D3. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS, WITH APPROVAL OF THE OWNER/REPRESENTATIVE SHALL BE RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE CONTRACT DRAWINGS.
- D4. WHERE EXISTING RACEWAYS THAT ARE NOT TO BE RE-USED INTERFERE WITH NEW WORK, THESE RACEWAYS SHALL BE REMOVED BACK TO THE NEAREST JUNCTION BOX AND THE OPENINGS BLANKED.
- D5. MAINTAIN CONTINUITY OF EXISTING FEEDERS AND/OR BRANCH CIRCUITS SERVING MULTIPLE ITEMS OF WHICH ONE OR MORE ARE BEING REMOVED. EXISTING CONDUCTORS AND CONDUITS FOR THOSE ITEMS BEING REMOVED SHALL BE DISCONNECTED AND REMOVED BACK TO SOURCE.
- D6. MAINTAIN OR RESTORE, IF INTERRUPTED, ALL CONDUITS AND FEEDERS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
- D7. CONTRACTOR SHALL CLEAN THE PROJECT SITE AT THE END OF EACH WORKING DAY. AFTER REMOVAL, OF ALL DEVICES EQUIPMENT, CABLE, WIRING, ETC., CONTRACTOR SHALL TURN ALL DEVICES OVER TO OWNER'S REPRESENTATIVE FOR INSPECTION BY THE OWNER'S REPRESENTATIVE, CONTRACTOR SHALL REMOVE ALL UNUSED MATERIAL FROM THE JOB SITE.
- D8. OPENINGS IN FLOORS, WALLS AND CEILINGS WHICH ARE CAUSED BY DEMOLITION OR REMOVAL OF ELECTRICAL CONDUITS, PANELS, FEEDERS AND EQUIPMENT SHALL BE PATCHED/REPAIRED TO MATCH THE REPRESENTATIVE SHALL INSPECT AND SURROUNDING SURFACE. OWNER'S APPROVE ALL PATCH/REPAIR AREAS.
- D9. ALL ELECTRICAL EQUIPMENT, DEVICES, WIRING, CABLE RACEWAYS, LIGHTING FIXTURES ETC., OUTSIDE THE CONSTRUCTION AREA WHICH ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE BUILDING OWNER.
- D10. THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE COST AS NECESSARY TO FIELD VERIFY ALL BRANCH CIRCUITS, REWIRE AND CONSOLIDATE ALL CIRCUITS WITHIN THE SPACE. CONTRACTOR SHALL PROVIDE NEW UPDATED TYPED PANEL DIRECTORY FOR EACH EXISTING PANELS WHERE WORK IS PERFORMED. THE DIRECTORY LISTING SHALL BE BASED ON ACTUAL FIELD VERIFICATION OF EACH BRANCH CIRCUIT. DISCONNECT AND REMOVE ALL WIRING NO LONGER A PART OF THE ACTIVE SYSTEM. SPARE CIRCUIT BREAKERS THAT RESULT SHALL BE INDICATED AS SUCH IN THE NEW DIRECTORY.
- D11. ALL ABANDONED BRANCH CIRCUITS, FEEDERS AND RACEWAYS SHALL BE REMOVED BACK TO THEIR SOURCE. COMPLETION OF THIS WORK SHALL BE SUBJECT TO THE APPROVAL OF THE BUILDING ENGINEER.
- D12. DURING AND AFTER DEMOLITION, CONTRACTOR SHALL PROVIDE TEMPORARILY LIFE SAFETY LIGHTING FOR EGRESS AS REQUIRED.

### BRANCH CIRCUIT SCHEDULE

Table with 4 columns: CIRCUIT TYPE, CIRCUIT BREAKER, CONDUCTORS, CONDUIT. Lists various circuit configurations like 1 POLE - 1 PHASE, 2 WIRE + GROUND, etc.

INCREASE BRANCH CIRCUIT WIRING SIZES TO COMPENSATE FOR VOLTAGE DROP.  
A) WIRE SIZE CHANGE SHALL OCCUR BETWEEN PANELBOARD AND FIRST DEVICE.  
INCREASE RACEWAY SIZE (BASED ON NEC CHAPTER 9) WHERE APPLICABLE.  
B) ACTUAL WIRE SIZE TO BE DETERMINED BY CALCULATED AMPACITY AND VOLTAGE DROP.



SYSTEM FURNITURE WIRING DIAGRAM - 120/208V, 8-WIRE

### ELECTRICAL GENERAL NOTES

- 1. THE CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN SHALL BE MAINTAINED.
- 2. ALL CONDUITS, WIRING AND CABLE SHALL BE CONCEALED IN FINISHED AREAS. PRIOR TO CONCEALMENT OF NEW CONSTRUCTION, ALL WORK BEHIND FINISHED SURFACES SHALL BE INSPECTED BY THE OWNER'S REPRESENTATIVE.
- 3. CONTRACTOR SHALL COORDINATE SCHEDULING WITH THE BUILDING ENGINEER AND ALLOW SUFFICIENT TIME FOR COORDINATION OF EXISTING BUILDING ACTIVITIES WITH THE CONSTRUCTION WORK.
- 4. CONTROL WIRING SHALL BE TAGGED AT EACH END AND TERMINATED IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
- 5. ALL CONNECTIONS TO DEVICES SHALL BE TAPED WITH SCOTCH 33, OR EQUIVALENT ELECTRICAL TAPE.
- 6. REFER TO ARCHITECTURAL DRAWINGS FOR THE CEILING TYPES AND FOR THE EXACT LOCATION AND ELEVATION OR MOUNTING HEIGHT OF ALL LIGHTING FIXTURES AND WIRING DEVICES.
- 7. VERIFY DOOR SWINGS BEFORE ROUGHING IN FOR LIGHTING SWITCHES.
- 8. BRANCH CIRCUIT WIRING MAY NOT BE SHOWN GRAPHICALLY ON DRAWINGS AND MAY BE INDICATED BY CIRCUIT NUMBER BESIDE FIXTURES, DEVICES AND EQUIPMENT. PROVIDE COMPLETE WIRING SYSTEM WHETHER OR NOT INDICATED GRAPHICALLY.
- 9. CONTRACTOR SHALL PROVIDE A UNIT PRICE TO FURNISH AND INSTALL ADDITIONAL EXIT LIGHTS AND FIRE ALARM DEVICES AS MAY BE REQUIRED BY FIRE MARSHAL'S INSPECTION AND FOR ANY RELOCATIONS HE/SHE REQUEST, WITHIN SCOPE OF WORK AREAS.
- 10. THE CONTRACTOR SHALL INCLUDE IN THE WORK, WITHOUT EXTRA COST, ANY LABOR, MATERIALS, SERVICES, APPARATUS, DRAWINGS (IN ADDITION TO CONTRACT DRAWINGS AND DOCUMENTS), IN ORDER TO COMPLY WITH ALL APPLICABLE REGULATIONS/LAWS.
- 11. QUANTITY OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS, PROVIDE ALL WIRING NECESSARY FOR THE PROPER FUNCTION OF EQUIPMENT, DEVICES, ETC.
- 12. ALL WORK THAT CONNECTS TO AN EXISTING BUILDING SYSTEM SHALL BE COORDINATED WITH THE BUILDING ENGINEER.
- 13. PROVIDE PLASTER RING WITH PULL STRINGS TO SPACE ABOVE SUSPENDED CEILING FOR ALL TELEPHONE, DATA, FAX, MODEM, CATV, ETC. OUTLETS INSTALLED IN HOLLOW PARTITIONS. PROVIDE 1" EMPTY CONDUIT AND PULL STRING TO SPACE ABOVE SUSPENDED CEILING FOR THESE OUTLETS INSTALLED IN AN INSULATED PARTITION. PROVIDE 2 STRING FOR COMBINATION DATA/TELEPHONE OUTLET.
- 14. PROVIDE LISTED BREAKER TIES OR MULTI-POLE CIRCUIT BREAKERS FOR MULTIWIRE BRANCH CIRCUITS ( CIRCUITS WITH A COMMON NEUTRAL).

### ABBREVIATIONS

Table with 4 columns: ABBREVIATION, DESCRIPTION, ABBREVIATION, DESCRIPTION. Lists terms like AMPERE, ABOVE FINISHED FLOOR, AUDIO-VISUAL, etc.

### DRAWING LIST

Table with 2 columns: ID, DESCRIPTION. Lists drawing items like ELECTRICAL GENERAL NOTES, SYMBOL LIST AND DRAWING LIST, ELECTRICAL SPECIFICATIONS, etc.

### SUBSCRIPT KEY

- N - NEW
- R - RELOCATED TO NEW LOCATION
- X - EXISTING TO REMAIN
- XR - EXISTING TO BE REMOVED OR RELOCATED

### LIGHTING EQUIPMENT LEGEND

- LIGHT FIXTURE
- "A" INDICATES FIXTURE TYPE
- "13" INDICATES CIRCUIT NUMBER
- "o" INDICATES SWITCH CONTROL
- LED "EXIT" SIGN LIGHTING FIXTURE, CEILING MOUNTED OR WALL MOUNTED PROVIDE DIRECTIONAL ARROWS AS INDICATED.
- RELOCATED EXIT LIGHTS TO NEW LOCATION.
- SINGLE POLE TOGGLE SWITCH, 20A, 120V/277, 45" AFF.
- THREE WAY SWITCH, 20A, 120/277V, 45" AFF.
- DIMMER SWITCH, 20A, 277V, 45" AFF. REFER TO LIGHTING FIXTURE SCHEDULE FOR DIMMER TYPE.
- WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR. WATTSTOPPER DW-100 OR APPROVED EQUAL, 45" AFF.
- CEILING MOUNTED DUAL ULTRASONIC OCCUPANCY SENSOR. WATTSTOPPER DT-305 (LOW VOLTAGE, 24V), PROVIDE 277V POWER PACK (BZ-50) AS REQUIRED PER MANUFACTURER RECOMMENDATION.

### ELECTRICAL SYMBOL LIST

- EXISTING DUPLEX RECEPTACLE OUTLET.
- NEW DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W (GROUNDED) +18" AFF, UON.
- NEW DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER, 20A, 125V, 2P, 3W (GROUNDED), 42" AFF.
- NEW DUPLEX RECEPTACLE WITH ISOLATED GROUND, 20A, 125V, 2P, 3W (GROUNDED) +18" AFF.
- DEDICATED DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W (GROUNDED), 42" AFF UON.
- DEDICATED DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER, 20A, 125V, 2P, 3W (GROUNDED), 18" AFF.
- FLUSH FLOOR MOUNTED POKE THRU DEVICE. WIREMOLD GAT EVOLUTION SERIES WITH (2) IG DUPLEX OUTLETS, COMMUNICATIONS AND AV OUTLETS
- NEW TELEPHONE/DATA OUTLET, 18" AFF. SEE GENERAL NOTE 13.
- WALL AND CEILING MOUNTED JUNCTION BOX.
- PANELBOARD, 208/120V, 3 PHASE, 4 WIRE.
- PANELBOARD, 480/277V, 3 PHASE, 4 WIRE.
- TRANSFORMER: 480V, 3 PHASE PRIMARY - 120/208V, 3 PHASE, 4 WIRE SECONDARY
- WIRE AND CONDUIT CONCEALED IN WALL OR IN HUNG CEILING.
- CIRCUIT HOMERUN TO PANELBOARD - ARROWS DENOTE QUANTITY OF CIRCUITS. DESIGNATION DENOTES PANELBOARD AND CIRCUIT NUMBERS.
- SYSTEM FURNITURE BASEFEED:  
INDICATES TOTAL NUMBER OF GENERAL PURPOSE OUTLETS  
INDICATES TOTAL NUMBER OF NETWORK COMPUTER JACKS  
INDICATES TOTAL NUMBER OF VOICE TELEPHONE JACKS  
INDICATES TOTAL NUMBER OF ISOLATED GROUND, COMPUTER GRADE OUTLETS INDICATES NUMBER OF WORKSTATIONS SERVED
- SYSTEM FURNITURE BASEFEED: PROVIDE AT EACH BASEFEED TWO WALL MOUNTED JUNCTION BOXES, ONE FOR POWER AND ANOTHER FOR DATA/VOICE, SIZE PER SYSTEMS FURNITURE RECOMMENDATIONS. PROVIDE ADDITIONAL GROUND WIRE FOR IG RECEPTACLES. AT EACH LOCATION INDICATED, PROVIDE 2 - 1" CONDUITS WITH PULL STRING AND RING TO 6" ABOVE FINISH CEILING FOR INSTALLATION OF DATA/TELEPHONE CABLING. VERIFY CONDUIT SIZE AND QUANTITY REQUIREMENT WITH DC COURTS. PROVIDE 1 - 1" CONDUIT FOR POWER WIRING TO THE SOURCE. COORDINATE EXACT LOCATION OF BASEFEED WITH ARCHITECT AND SYSTEMS FURNITURE MANUFACTURER.
- WALL RECESSED MOUNTED COMBINATION AUDIO/VIDEO DEVICE, 18" AFF: QUADRUPEX RECEPTACLE TELEPHONE & DATA OUTLET JUNCTION BOX FOR CATV CABLE OUTLET
- WALL RECESSED MOUNTED COMBINATION AUDIO/VIDEO DEVICE, 18" AFF: JUNCTION BOX FOR AUDIO-VISUAL QUADRUPEX RECEPTACLE TELEPHONE & DATA OUTLET JUNCTION BOX FOR CATV CABLE OUTLET
- WALL RECESSED MOUNTED COMBINATION AUDIO/VIDEO DEVICE, 60" AFF: FLAT PANEL DISPLAY QUADRUPEX RECEPTACLE
- NOTES FOR AUDIO/VIDEO DEVICES: REFER TO POWER PLAN FOR JUNCTION BOX & CONDUIT REQUIREMENTS AND COORDINATE WITH ARCHITECT FOR ADDITIONAL INFORMATION.
- NOT IN CONTRACT

### DEMOLITION LEGEND

- EXISTING 2' x 2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED.
- EXISTING WALL SWITCH WITH OCCUPANCY SENSOR TO BE REMOVED.
- EXISTING DIMMER TO BE REMOVED.
- EXISTING PROJECTOR CONTROLLER TO BE REMOVED.
- EXISTING EXIT LIGHTS TO REMAIN.
- EXISTING EXIT LIGHT TO BE RELOCATED OR TO BE REMOVED.
- EXISTING DUPLEX RECEPTACLE OUTLET TO BE REMOVED.
- EXISTING DUPLEX RECEPTACLE OUTLET TO REMAIN.
- EXISTING QUADRUPEX OUTLET TO BE REMOVED.
- EXISTING POKE THRU DEVICE TO BE REMOVED.
- EXISTING DATA OUTLET TO BE REMOVED.
- EXISTING TELEPHONE/DATA OUTLET TO BE REMOVED.
- EXISTING THERMOSTAT TO BE REMOVED.
- EXISTING FIRE ALARM PULL STATION TO REMAIN.
- EXISTING WALL MOUNTED FIRE ALARM VISUAL DEVICE (STROBE) TO REMAIN.
- EXISTING WALL MOUNTED FIRE ALARM VISUAL DEVICE TO BE RELOCATED OR TO BE REMOVED.
- EXISTING WALL MOUNTED FIRE ALARM AUDIO-VISUAL DEVICE TO REMAIN.
- EXISTING WALL MOUNTED FIRE ALARM AUDIO-VISUAL DEVICE TO BE RELOCATED OR TO BE REMOVED.
- EXISTING CEILING MOUNTED FIRE ALARM AUDIO-VISUAL DEVICE TO REMAIN.
- EXISTING CEILING MOUNTED FIRE ALARM AUDIO-VISUAL DEVICE TO BE RELOCATED OR TO BE REMOVED.
- EXISTING FIRE FIGHTER'S TELEPHONE OUTLET TO REMAIN.
- EXISTING SMOKE DETECTOR TO REMAIN.
- EXISTING SMOKE DETECTOR WITH ELEVATOR RECALL TO REMAIN.
- EXISTING FLOW SWITCH TO REMAIN.
- EXISTING TAMPER SWITCH TO REMAIN.



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ELECTRICAL SPECIFICATIONS

DIVISION 16: ELECTRICAL

A. GENERAL: BASIC MATERIALS AND METHODS

1. INSTALLATION OF ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING REGULATIONS, CODES, ETC.
  - a. DISTRICT OF COLUMBIA CONSTRUCTION CODE SUPPLEMENT TO IBC 2006.
  - b. DISTRICT OF COLUMBIA SUPPLEMENTS TO NFPA 70, NATIONAL ELECTRICAL CODE 2005.
  - c. APPLICABLE SECTIONS OF THE NATIONAL FIRE PROTECTION CODE (NFPA) PRESENTLY IN EFFECT.
2. DRAWINGS: THE ELECTRICAL DRAWINGS SHALL BE CONSIDERED AS DIAGRAMMATIC ONLY. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE FIELD VERIFICATION OF ALL DIMENSIONS AND EXISTING CONDITIONS WHICH WILL AFFECT THE NEW WORK. PROVIDE ALL DEVICES, HARDWARE, FITTING, SUPPORTS, ETC. AS NECESSARY TO ACCOMMODATE THOSE CONDITIONS AND COST IMPACTS WHICH MAY NOT BE SHOWN ON THE DRAWINGS. REQUEST FOR ADDITIONAL PAYMENT DUE TO CONTRACTOR'S UNFAMILIARITY WITH THE EXISTING JOB CONDITIONS WILL NOT BE CONSIDERED.
3. PROTECTION: PROTECT ALL INSTALLED WORK AGAINST DAMAGE FROM ALL CAUSES. PROVIDE AND MAINTAIN PROTECTIVE COVERINGS FOR ALL DEVICES AND EQUIPMENT. PROTECT INSTALLATIONS FROM CONSTRUCTION DEBRIS, DUST, DIRT, WATER AND CORROSION. KEEP ALL CONDUITS, CABLE ENDS, DUCTS AND OTHER WIRINGWAYS SEALED UNTIL FINAL INSTALLATION AND CONNECTION TO EQUIPMENT SERVED. THE CONTRACTOR WILL REPAIR DAMAGED OR DEFACED EQUIPMENT WITH BRAND NEW OF THE SAME MAKE AND MANUFACTURER WITHOUT ADDITIONAL COST TO THE OWNER.
4. OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR THE WORK.
5. INSTALLATION: INSTALLATION OF EQUIPMENT, COMPONENTS AND WIRING FOR ELECTRICAL SYSTEMS SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF EQUIPMENT MANUFACTURER.
6. WARRANTIES: EXECUTE AND ASSEMBLE TRANSFERABLE WARRANTY DOCUMENTS FOR SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS. SUBMIT TO OWNER PRIOR TO FINAL APPLICATION FOR PAYMENT.
7. DELIVERY, STORAGE AND HANDLING: DELIVER PRODUCTS TO PROJECT SITE IDENTIFIED WITH NAMES, MODEL NUMBERS, TYPES, GRADES, COMPLIANCE LABELS, AND OTHER INFORMATION NEEDED FOR DISTINCT IDENTIFICATION; ADEQUATELY PACKAGED AND PROTECTED TO PREVENT DAMAGE DURING SHIPMENT, STORAGE, AND HANDLING. PROTECT STORED EQUIPMENT AND MATERIALS FROM DAMAGE. COMPLY WITH MANUFACTURER'S RIGGING AND MOVING INSTRUCTIONS FOR UNLOADING EQUIPMENT AND MOVING INTO FINAL LOCATION.
8. SUBMIT FOUR (4) COPIES OF MANUFACTURER'S DATA SHEETS AND SHOP DRAWINGS FOR EQUIPMENT TO THE CONSTRUCTION MANAGER (CM) FOR REVIEW PRIOR TO ORDERING EQUIPMENT OR STARTING WORK.
9. UNDERWRITERS LABORATORIES LABELING: EQUIPMENT AND MATERIALS PROVIDED UNDER THIS CONTRACT SHALL BE UNDERWRITER'S LABORATORIES (UL) LABELED AND LISTED. LABEL OR LISTING OF UNDERWRITER'S LABORATORIES, INC. WILL BE ACCEPTED AS EVIDENCE THAT MATERIALS OR EQUIPMENT CONFORM TO APPLICABLE STANDARDS OF THAT AGENCY.
10. EXISTING CONDITIONS AND SITE EXAMINATION: THE CONTRACTORS SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID, AND SHALL THOROUGHLY FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED. CONNECTIONS SHOWN TO EXISTING WORK ARE DIAGRAMMATIC. THESE CONNECTIONS SHALL BE MADE AS REQUIRED BY EXISTING CONDITIONS. WAIVER OF RESPONSIBILITY OR REQUESTS FOR ADDITIONAL COMPENSATION BASED ON LACK OF KNOWLEDGE OF CONDITIONS AT THE SITE WILL NOT BE ACCEPTED OR CONSIDERED. VERIFY ALL DIMENSIONS IN FIELD AND REPORT EACH DISCREPANCY BEFORE PERFORMING WORK.
11. COORDINATION: COORDINATE ELECTRICAL WORK TO AVOID INTERFERENCE WITH OTHER SYSTEMS.
  - a. DETERMINE INTERFERENCE BEFORE WORK IS FABRICATED OR INSTALLED. THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH ALL DETAILS OF WORK AND WORKING CONDITIONS AND COORDINATE WORK DURING PRELIMINARY STAGES TO ENSURE ACTUAL INSTALLATIONS WILL PROCEED WITHOUT INTERFERENCE. COORDINATION IS OF PARAMOUNT IMPORTANCE AND NO REQUESTS FOR ADDITIONAL COMPENSATION WILL BE CONSIDERED FOR LACK OF COORDINATION.
  - b. WHERE JOB CONDITIONS REQUIRE REASONABLE DEVIATIONS FROM CONTRACT DOCUMENTS, MAKE DEVIATIONS WITHOUT ADDITIONAL COST TO OWNER, AFTER OBTAINING APPROVAL OF ARCHITECT.
  - c. PROVIDE MAXIMUM PRACTICAL SPACE FOR OPERATION, REPAIR, REMOVAL, AND TESTING OF ELECTRICAL EQUIPMENT. APPROVED DEVIATIONS MAY BE MADE TO PROVIDE REQUIRED ACCESSIBILITY. VERIFY, PRIOR TO SUBMISSION OF SHOP DRAWINGS, THAT EACH SUBMITTED COMPONENT OF ELECTRICAL EQUIPMENT WILL PROPERLY FIT AND FUNCTION WITHIN ALLOCATED SPACE.
  - d. KEEP CONDUITS, WIREWAYS, AND SIMILAR ITEMS AS CLOSE AS POSSIBLE TO CEILING, WALLS AND COLUMNS TO TAKE UP MINIMUM AMOUNT OF SPACE.
  - e. PROVIDE OFFSETS, FITTINGS, JUNCTION BOXES, AND SIMILAR ITEMS NECESSARY TO ACCOMPLISH REQUIREMENTS OF COORDINATION WITHOUT ADDITIONAL EXPENSE TO OWNER.
  - f. PROVIDE ACCESS TO, AND CLEARANCES AROUND, EQUIPMENT AS REQUIRED BY THE NEC, OR AS REQUIRED BY EQUIPMENT MANUFACTURER.
12. INSTALLATION AND CONNECTION OF EQUIPMENT: INSTALL AND CONNECT ALL APPLIANCES AND EQUIPMENT FOR PROPER OPERATION AS SPECIFIED AND SHOWN ON THE CONTRACT DRAWINGS AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. THIS INCLUDES EQUIPMENT PROVIDED UNDER THE ELECTRICAL SUBCONTRACT, AS WELL AS EQUIPMENT PROVIDED UNDER THE GENERAL CONTRACT OR FURNISHED BY THE DC COURTS.
  - a. BEFORE ROUGHING IN FOR EQUIPMENT CONNECTIONS VERIFY LOCATION, VOLTAGE, PHASE, CURRENT RATING, AND TYPE OF OUTLET REQUIRED FROM APPROVED SHOP DRAWINGS OF THE EQUIPMENT.
  - b. OBTAIN MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR EACH EQUIPMENT ITEM TO BE INSTALLED. REVIEW INSTRUCTIONS AND ANY INSTALLATION REQUIREMENTS WHICH INCLUDE MECHANICAL OR ELECTRICAL, AND ARCHITECTURAL WORK AND COORDINATE WITH THE APPROPRIATE CONTRACTOR.
  - c. COMPARE INSTALLATION REQUIREMENTS FOR ACTUAL EQUIPMENT TO BE PROVIDED WITH THE SCOPE OF WORK INDICATED ON THE DRAWINGS OR SPECIFIED.
  - d. NOTIFY THE CONSTRUCTION MANAGER OF ANY DIFFERENCES BETWEEN WORK REQUIRED TO INSTALL EQUIPMENT AND WORK INDICATED IN THE DRAWINGS BEFORE ANY ROUGH-IN WORK IS STARTED.
  - e. INCLUDE DETAILED ROUGH-IN AND INSTALLATION REQUIREMENTS WITH SUBMITTALS.
  - f. MAKE ALL CONNECTIONS TO EQUIPMENT FROM THE WALLS EXCEPT WERE OTHER ARRANGEMENTS ARE INDICATED.

13. ALL NEW SLAB PENETRATIONS MUST BE X-RAYED. TURN OVER RESULTS TO OWNER/OWNER'S REPRESENTATIVE FOR REVIEW AND OBTAIN APPROVAL PRIOR TO ANY CORE DRILLING. PROVIDE MINIMUM 72 HOUR NOTICE TO THE BUILDING CHIEF ENGINEER FOR X-RAYING AND CORE DRILLING.

14. PANEL SCHEDULES: BALANCE ELECTRICAL LOAD AFTER COMPLETING THE INSTALLATION AND PROVIDE COMPLETE PANEL SCHEDULES FOR EACH PANELBOARD WHERE WORK IS PERFORMED UNDER THIS CONTRACT. PROVIDE NEW AND UPDATED TYPED DIRECTORY INDICATING LOAD SERVED BY EACH CIRCUIT BASED ON ACTUAL FIELD VERIFICATION OF CIRCUITS.

15. TEST:
  - a. TEST AND ADJUST EQUIPMENT AND SYSTEMS INSTALLED AND DEMONSTRATE PROPER OPERATION TO OWNER'S REPRESENTATIVE. NO EQUIPMENT SHALL BE TESTED OR OPERATED FOR ANY PURPOSE UNTIL IT HAS BEEN FULLY PREPARED FOR OPERATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

16. CONTRACTOR SHALL PREPARE AND FURNISH HARD COPIES AND ELECTRONIC COPIES OF AS-BUILTS, COMMISSIONING, AND TESTING.

B. RACEWAYS

1. MINIMUM CONDUIT SIZE IS 3/4" UNLESS OTHERWISE SPECIFIED.
2. ELECTRICAL METALLIC TUBING (EMT) WITH COMPRESSION TYPE CONNECTORS SHALL BE INSTALLED FOR INDOOR GENERAL BRANCH CIRCUITS SUCH AS LIGHTING, RECEPTACLES, FANS, ETC. WHERE EXPOSED AND IN ELECTRICAL CLOSET. EMT SHALL BE INSTALLED FOR LOW VOLTAGE AUXILIARY SYSTEMS SUCH AS FIRE ALARM OR CONTROLS. EMT SHALL BE INSTALLED FOR FEEDER WIRING.
3. LIQUID-TIGHT FLEXIBLE METAL CONDUIT (LFMC) CAN BE INSTALLED TO CONNECT TO VIBRATING EQUIPMENT OR TRANSFORMERS SUBJECT TO 48" MAXIMUM LENGTH OF FLEXIBLE METAL CONDUIT. LFMC SHALL NOT BE USED FOR CONNECTION TO EQUIPMENT IN PLENUM. FLEXIBLE METAL CONDUITS (FMC) CAN BE USED IN PLENUM FOR CONNECTION TO VIBRATING EQUIPMENT IN COMPLIANCE WITH NEC.
4. PROVIDE A SEPARATE, INSULATED SOLID COPPER GROUND WIRE IN ALL CONDUITS FOR EACH CIRCUIT AND FEEDER. USE OF METAL CONDUITS AS MEANS OF EQUIPMENT GROUND IS NOT ACCEPTABLE.
5. FIRESTOP ALL PENETRATIONS THROUGH RATED FLOORS, WALLS AND CEILINGS WITH A UL LISTED FIRE CAULKING OR OTHER LISTED FIRESTOP SYSTEM AS REQUIRED BY LOCAL JURISDICTION. INSTALL CAULKING WITH COMPLETE ADHERENCE TO THE REQUIREMENTS OF THE UL LISTING. WHERE PENETRATIONS OCCUR THROUGH THE FINISHED CEILING OF A FIRE RATED CEILING ASSEMBLY, PROVIDE DECORATIVE ESCUTCHEON.

C. WIRE

1. ALL WIRE AND CABLE SHALL BE COPPER WITH THHN INSULATION AND COLOR CODING AS SPECIFIED.
2. MINIMUM SIZE SHALL BE #12 AWG THHN/THWN 600V INSULATION.
3. WIRE #10 AND SMALLER SHALL BE SOLID, WIRE #8 AND LARGER SHALL BE STRANDED.
4. USE OF ANY ALUMINUM WIRE OR BUS IS NOT ALLOWED.
5. ALL WIRING IN CONDUIT SHALL BE CONCEALED EXCEPT WHERE NOTED.
6. METAL CLAD (MC) CABLE IS PERMITTED FOR BRANCH CIRCUIT WORK CONCEALED IN THE WALL AND CEILING CAVITIES. PROPERLY SUPPORT MC CABLE AND RUN IN STRAIGHT LINES PARALLEL AND PERPENDICULAR TO JOISTS, FRAMING AND STRUCTURE. INDEPENDENTLY SUPPORT CABLE. DO NOT DRAPE OR HANG CABLE ON MECHANICAL EQUIPMENT, PIPES, DUCTS, SPRINKLER LINES, OR OTHER INSTALLATIONS. PROVIDE SUPPORTS WHICH ARE FOR THE SOLE PURPOSE OF MOUNTING ELECTRICAL CABLE. TYPE MC CABLE SHALL NOT BE INSTALLED IN ELECTRICAL CLOSETS OR ANY OTHER TYPE OF SERVICE CLOSETS.

D. JUNCTION AND PULL BOXES

1. INSTALL JUNCTION OR PULL BOXES WHEREVER REQUIRED TO FACILITATE WIRE PULLING OR CONNECTION OR AS REQUIRED FOR INSTALLATION BY CODE. LABEL CIRCUITS INSIDE EACH BOX AND ON COVER EXTERIOR WITH 1 1/2" HIGH STENCILED LETTERS.
2. LOCATE JUNCTION AND PULL BOXES IN ACCESSIBLE LOCATIONS.
3. SIZE PER NEC.

E. OUTLET BOXES

1. PROVIDE BOXES SUITABLE TO RECEIVE THE TYPE OF FIXTURE OR DEVICE TO BE MOUNTED IN OR ON THE BOX. PROVIDE BOXES WITH SUPPORTS SUITABLE FOR THE TYPE OF FIXTURE OR DEVICE TO BE MOUNTED IN OR ON THE BOX. FIXTURE STUDS: 3/8" MINIMUM.
2. WALL OUTLET BOXES SHALL BE 4" x 4" x 2-1/8" (1900 BOX) UON. IF WALL CAVITIES ARE SHALLOW OR ARE SURFACE INSULATED, PROVIDE SHALLOW BOXES. VERIFY BOX CAPACITY IN ACCORDANCE WITH NEC ARTICLE 370 PRIOR TO ROUGH-IN.

F. CIRCUIT BREAKERS

1. PROVIDE A FINAL AND COMPLETE BRANCH CIRCUIT DIRECTORY MOUNTED IN A CLEAR PLASTIC FRAME ON THE INSIDE OF EACH PANEL CABINET DOOR FOR EACH PANEL WHERE WORK IS PERFORMED UNDER THIS CONTRACT. DIRECTORY SHALL PROVIDE SPECIFIC INFORMATION ON THE TYPE AND LOCATION OF DEVICES AND EQUIPMENT SERVED.
2. WHERE THE PANEL SCHEDULES INDICATE A NEW CIRCUIT BREAKER TO BE INSTALLED IN AN EXISTING PANELBOARD, PROVIDE NEW BREAKERS WHICH ARE UL LISTED, FULLY COMPATIBLE WITH EXISTING PANELBOARD, MANUFACTURED BY THE PANELBOARD MANUFACTURER AND WHICH HAVE AN AIC RATING TO MATCH THAT OF THE EXISTING PANEL'S RATING.

G. WIRING DEVICES

1. PROVIDE SPECIFICATION GRADE DEVICES WITH MATCHING WALL PLATES.
2. LABEL THE OUTSIDE OF EACH RECEPTACLE COVERPLATE WITH THE PANELBOARD AND CIRCUIT NUMBER OF THE BRANCH CIRCUIT FEEDING THE RECEPTACLE. LABEL SHALL BE CLEAR WITH BLACK LETTERING.
3. THE COLOR AND FINISH OF DEVICES AND COVERPLATES SHALL BE AS SELECTED BY THE ARCHITECT.

4. PROVIDE WRING DEVICE FOR EACH OUTLET AND LOCATION INDICATED. DEVICES: P&S, HUBBELL, OR LEVITON. PROVIDE 20 AMPERE RATED (MINIMUM) RECEPTACLES AND SWITCHES.

H. GROUNDING

1. PROVIDE A SEPARATE INSULATED GROUND CONDUCTOR IN ALL CABLES OR RACEWAY SYSTEMS. THIS PROVISION APPLIES TO ALL FEEDER AND BRANCH CIRCUIT INSTALLATIONS. USE OF RACEWAY AS A MEANS OF EQUIPMENT GROUND CONDUCTOR IS NOT ACCEPTABLE.
2. CONTRACTOR IS TO MAINTAIN INTEGRITY OF ALL EXISTING-TO-REMAIN GROUNDING SYSTEMS.
3. GROUND ALL EQUIPMENT AND INSTALLED CIRCUITS IN ACCORDANCE WITH ARTICLE 250 AND RELATED SECTIONS OF THE NATIONAL ELECTRICAL CODE UNLESS EXCEEDED BY THE DRAWINGS AND PERFORMANCE NOTES.

I. HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS:

1. PROVIDE SUPPORT FOR RACEWAYS OR POWER CABLES AT INTERVALS NOT EXCEEDING 6' O.C.
2. STEEL SLOTTED SUPPORT SYSTEMS WITH METALLIC COATING TO SUPPORT MULTIPLE RACEWAYS.
3. PROVIDE STEEL CONDUIT AND CABLE CLAMPS, HANGERS, AND ASSOCIATED ACCESSORIES.
4. SUPPORTS SHALL BE ATTACHED TO STRUCTURAL SLAB OR COLUMNS. USE THREADED HANGER RODS.

J. IDENTIFICATION:

1. PROVIDE IDENTIFICATION FOR ELECTRICAL SYSTEMS IN COMPLIANCE WITH THE APPLICABLE CODES AND STANDARDS AND AS REQUIRED PER CONTRACT DOCUMENTS.
2. PROVIDE IDENTIFICATION LABELS AS SPECIFIED FOR EQUIPMENT, BRANCH CIRCUITS AND FEEDER WIRING, CONTROL WIRING, JUNCTION BOXES, OUTLET BOXES, PULLBOXES, WIRING DEVICES AND LIGHT FIXTURES.
3. HANDWRITTEN LABELS OR IDENTIFICATION BY MAGIC MARKERS ARE NOT ACCEPTABLE MEANS OF IDENTIFICATIONS.

PROJECT

CONSTRUCTION DOCUMENTS FOR INTERIOR IMPROVEMENT TO:  
District of Columbia Courts Gallery Place - 5th Floor  
District of Columbia Courts

Client Name: District of Columbia Courts  
Building Address: Gallery Place 616 H Street, Suite 500 Washington, DC 20001

Project Title	Client Name	Building Address	
ISSUED FOR: SOLICITATION SUBMISSION SET DATE: 08.25.2014			
APPROVALS			
NO.	DESCRIPTION	DATE	BY

NO.	DESCRIPTION	DATE	BY

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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
5th Floor  
Electrical Specifications

Date: 08/21/14  
Scale: None  
Checked by: BMJ/KP  
Drawn by: FVO  
Planned by: FVO

DIVISION 16: ELECTRICAL  
 ARCHITECT & ENGINEER NAME & LOGO  
 PROJECT  
 REVISIONS  
 SUBMISSIONS  
 REVISIONS  
 TITLES  
 SHEET





Project Title	Client Name	Building Address

ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

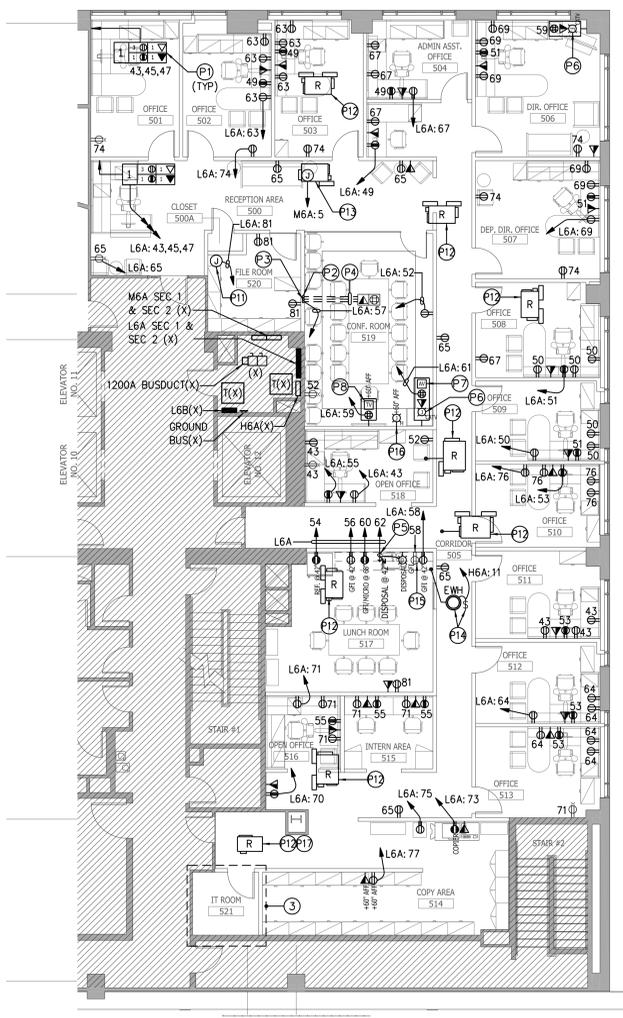
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Accepted By:  
 Joseph E. Sanchez, Jr.  
 Capital Projects and Facilities Management Officer  
 Contracting Officer  
 District of Columbia Courts

**616 H Street (Gallery Place)  
 5th Floor  
 Electrical New Work Plans**

Date: 08/23/14  
 Scale: 1/8" = 1'-0"  
 Created by: BMJ/KP  
 Drawn by: FVD  
 Plotted by: FVD

P.8 Q.1

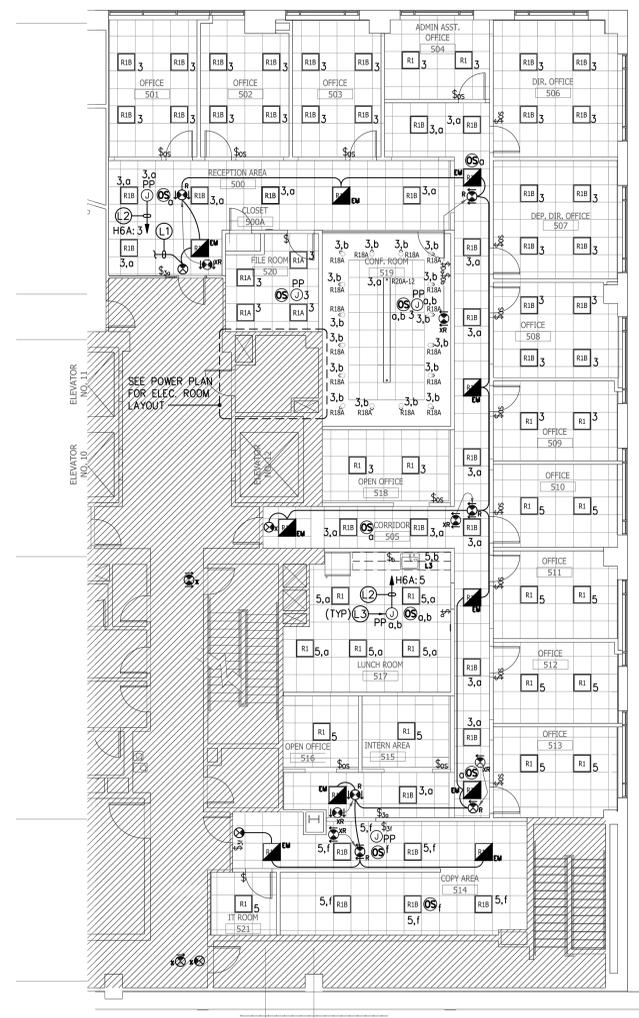


**1 NEW POWER PLAN**  
 Scale: 1/8" = 1'-0"

**DRAWING NOTES - POWER:**

- P1 CONTRACTOR SHALL PROVIDE FINAL CONNECTION TO SYSTEM FURNITURE. PROVIDE ALL REQUIRED FITTING, BUSHINGS, WIRE CONNECTORS, ETC. FOR A COMPLETE SYSTEM. COORDINATE EXACT WIRING CONFIGURATION WITH SYSTEM FURNITURE VENDOR PRIOR TO ROUGH-IN INSTALLATION.
- P2 PROVIDE 1" CONDUIT FOR DATA/TELEPHONE CABLING. EXTEND CONDUIT WITH PULL STRINGS UP TO ACCESSIBLE CEILING SPACE AT 5TH FLOOR.
- P3 PROVIDE 1 1/4" CONDUIT FOR AUDIOVISUAL CABLING. EXTEND CONDUIT WITH PULL STRINGS UP TO ACCESSIBLE CEILING SPACE AT 5TH FLOOR.
- P4 CONDUITS RUNS AT 4TH FLOOR ACCESSIBLE CEILING SPACE. COORDINATE ROUTE WITH EXISTING INSTALLATION.
- P5 PROVIDE MOTOR RATED SWITCH.
- P6 WALL MOUNTED ONE (1) GANG JUNCTION BOX FOR CATV CABLE OUTLET.
- P7 WALL MOUNTED FOUR GANG JUNCTION BOX FOR AV. PROVIDE 2-1" CONDUIT WITH PULL STRINGS UP TO ACCESSIBLE CEILING SPACE.
- P8 WALL MOUNTED FLAT PANEL DISPLAY. PROVIDE 2 GANG JUNCTION BOX AND 1" CONDUIT WITH PULL STRING UP TO ACCESSIBLE CEILING SPACE.
- P9 JUNCTION BOX FOR SECURITY SYSTEM POWER CONNECTION, 16" AFF.
- P10 FIRE ALARM ADDRESSABLE OUTPUT MODULE, 12" AFF. PROGRAMMED TO ACTIVATE UPON FIRE ALARM.
- P11 JUNCTION BOX FOR LOW VOLTAGE TRANSFORMER (120/24V) TO SUPPLY MOTORIZED DAMPER.
- P12 RELOCATED FAN POWERED UNIT AND AC UNIT. EXTEND CONDUIT AND WIRING AS REQUIRED.
- P13 FAN POWERED UNIT WITH INTEGRAL DISCONNECT SWITCH.
- P14 ELECTRIC WATER HEATER, 3KW, 277V, 1 PHASE. PROVIDE SINGLE POLE SWITCH RATED AT 20A, 277V.
- P15 GF1 RECEPTACLE OUTLET FOR LEAK DETECTION. COORDINATE FINAL LOCATION PRIOR TO ROUGH-IN.
- P16 WALL MOUNTED (HORIZONTAL) 1 GANG JUNCTION BOX FOR TOUCH PANEL. PROVIDE 3/4" CONDUIT WITH PULL STRING UP TO ACCESSIBLE CEILING SPACE.
- P17 RELOCATED CONDENSATE PUMP. EXTEND CONDUIT AND WIRING AS REQUIRED.
- P18 CABLE TRAY AT 98" AFF, PROVIDED BY ASC.
- P19 PROVIDE 4" EMT CONDUIT SLEEVE WITH BUSHINGS (GROMMETED) ON BOTH ENDS. SLEEVES SHALL BE INSTALLED ABOVE FINISH CEILING.

P.8 Q.1



**2 NEW LIGHTING PLAN**  
 Scale: 1/8" = 1'-0"

**DRAWING NOTES - LIGHTING:**

- L1 CONNECT TO EXISTING 277V EMERGENCY LIGHTING CIRCUIT SERVING THIS AREA.
- L2 EXISTING CIRCUIT HOMERUN IS CURRENTLY SERVING THIS AREA. BRANCH CIRCUIT DESIGNATION INDICATED IS BASED ON EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY AND TRACE EXISTING CIRCUIT.
- L3 CEILING MOUNTED OCCUPANCY SENSOR & POWER PACK. POWER PACK (WATTSTOPPER BZ-50) SHALL BE MOUNTED IN A JUNCTION BOX.

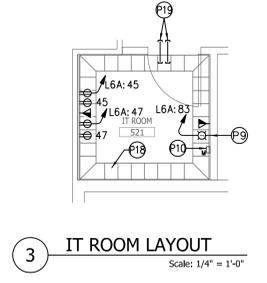
**REFERENCE NOTES:**

- FOR SYMBOL LIST, GENERAL NOTES AND ABBREVIATIONS, REFER TO DRAWING E.01.
- FOR PARTIAL POWER RISER DIAGRAM AND SCHEDULES, REFER TO DRAWING E.06.
- FOR LIGHTING FIXTURE SCHEDULE AND DETAILS, REFER TO DRAWING E.07.

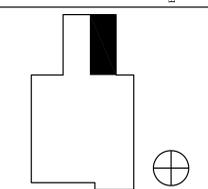
**GENERAL NOTES:**

- ALL LIGHT SWITCHES, WIRING DEVICES, COVERPLATES COLOR/ FINISHES AND MOUNTING HEIGHT SHALL BE COORDINATED WITH THE ARCHITECT.
- PROVIDE WIRING TO ALL ELECTRICAL DEVICES, LIGHTING, ETC. AS SHOWN.
- SYSTEM FURNITURE IS A 8 WIRE SYSTEM, 3 CIRCUITS WITH ISOLATED GROUND.
- FOR CIRCUITS SUPPLYING SYSTEM FURNITURE AND I/O TYPE RECEPTACLE OUTLET, PROVIDE ISOLATED GROUNDING CONDUCTOR IN ADDITION TO EQUIPMENT GROUNDING CONDUCTOR. TERMINATE ISOLATED GROUNDING CONDUCTOR TO EQUIPMENT GROUND BUS IN THE EXISTING PANELBOARD.
- CONTRACTOR SHALL X-RAY SLAB AT EACH LOCATION PRIOR TO CORE DRILLING.
- FOR RECONNECTION TO EXISTING CIRCUIT, CONTRACTOR SHALL VERIFY LOAD NOT TO EXCEED 80% OF THE CIRCUIT BREAKER RATING.
- PRIOR TO INSTALLATION OF LIGHTING FIXTURES/EXIT LIGHTS, CONTRACTOR SHALL COORDINATE WITH MECHANICAL DUCTWORK/DIFFUSERS, SPRINKLER AND CEILING MOUNTED FIRE ALARM DEVICES LAYOUT.
- QUANTITY AND PLACEMENT OF THE OCCUPANCY SENSORS INDICATED ON THE PLANS ARE INTENDED TO CONVEY INTENT OF THE COVERAGE ONLY. ACTUAL QUANTITY AND LOCATION OF THE SENSORS REQUIRED TO PROVIDE COMPLETE AND FUNCTIONAL SYSTEM SHALL BE BASED ON THE ACTUAL SENSOR SELECTION AND PER SENSOR MANUFACTURERS' REQUIREMENTS AND RECOMMENDATIONS.
- LOCATION OF THE SENSORS SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN. LOCATE CEILING SENSORS TO PREVENT FALSE TRIGGER BY AIR FLOW. MAINTAIN MINIMUM CLEARANCES RECOMMENDED BY THE SENSOR MANUFACTURER FROM SUPPLY / RETURN DUCT OPENINGS, DIFFUSERS ETC.
- AFTER INSTALLATION OF ALL SENSORS, ADJUST THE SENSITIVITY OF EACH SENSOR PER MANUFACTURER'S RECOMMENDATIONS. SENSITIVITY ADJUSTMENTS SHALL BE PERFORMED AFTER ALL PARTITIONS, ARE INSTALLED. DURING THE SENSITIVITY ADJUSTMENT PROCEDURE, HVAC SYSTEM SERVING THE SPACE SHALL BE IN POSITION WITH SYSTEM SUPPLYING HIGHEST AIR FLOW.

IECC 2006 CHAPTER 8 ENERGY ALLOWANCE IS 4,628 WATTS  
 CONNECTED LIGHTING LOAD IS 2,710 WATTS



**3 IT ROOM LAYOUT**  
 Scale: 1/4" = 1'-0"



ISSUED FOR	DATE
SOLICITATION SUBMISSION SET	08.25.2014

APPROVALS	DATE

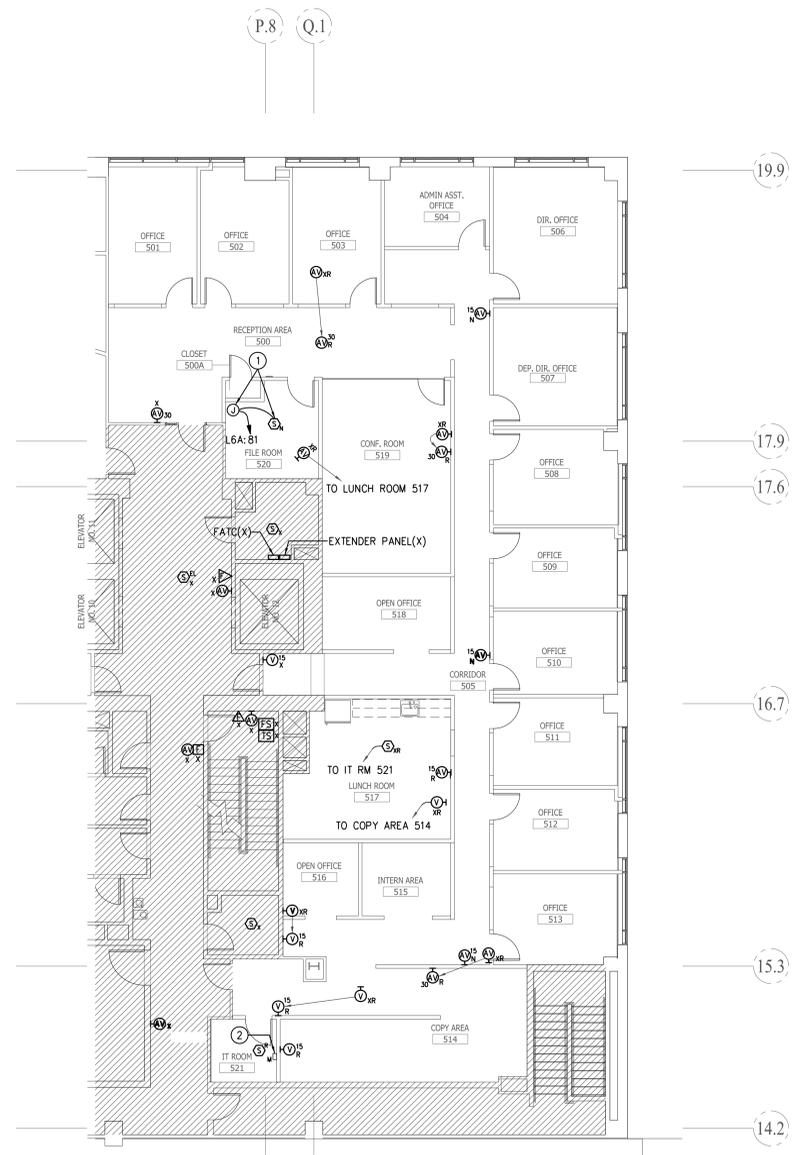
NO.	DESCRIPTION	DATE	BY

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Accepted By:  
 Joseph E. Sanchez, Jr.  
 Capital Projects and Facilities Management Officer  
 Contracting Officer  
 District of Columbia Courts

616 H Street (Gallery Place)  
 5th Floor  
 Fire Alarm Plan

Date: 08/21/14  
 Scale: 1/8" = 1'-0"  
 Created by: BMJ/KP  
 Drawn by: FVD  
 Plotted by: FVD



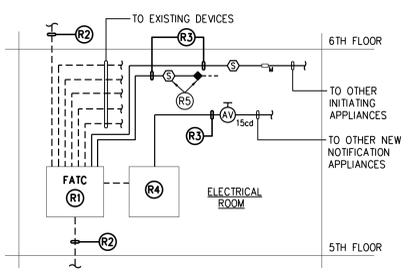
**GENERAL NOTES:**

- FIRE ALARM VISUAL DEVICES WHICH ARE WITHIN THE SAME LINE OF SIGHT SHALL BE SYNCHRONIZED. CONTRACTOR SHALL COORDINATE WITH THE BASE BUILDING FIRE ALARM SYSTEM EQUIPMENT AND SYSTEM MANUFACTURER TO PROVIDE SYNCHRONIZATION. PROVIDE NECESSARY INTERFACE, ACCESSORIES, MODULES, POWER SUPPLY, ETC. AS REQUIRED TO PROVIDE SYNCHRONIZATION.
- CONNECT NEW FIRE ALARM DEVICES TO EXISTING BASE BUILDING FIRE ALARM SYSTEM PER LOCAL CODES AND IN ACCORDANCE WITH BASE BUILDING SPECIFICATIONS. COORDINATE INSTALLATION WITH THE BUILDING ENGINEER. PROVIDE NEW ADA COMPLIANT VISUAL ALARM STROBES AS INDICATED IN THE DRAWINGS. PROVIDE ALTERNATE PRICE TO PROVIDE BOOSTER PANEL TO EXISTING BUILDING FIRE ALARM SYSTEM TO ACCOMMODATE INSTALLATION OF NEW FIRE ALARM STROBE AND SPEAKER DEVICES AS REQUIRED. NOTIFY OWNER'S REPRESENTATIVE. GENERAL CONTRACTOR SHALL USE THE BASE BUILDING FIRE ALARM CONTRACTOR FOR FINAL TIE-IN TO THE FIRE ALARM PANEL.
- CONTRACTOR SHALL PROVIDE A UNIT PRICE TO PROVIDE ADDITIONAL FIRE ALARM DEVICES AS MAY BE REQUIRED BY DCRA FIRE DEPARTMENT INSPECTOR AND FOR ANY RELOCATIONS HE/SHE REQUESTS, WITHIN SCOPE OF WORK AREAS.
- THE CONTRACTOR SHALL PREPARE FIRE ALARM SYSTEM SHOP DRAWINGS FOR SUBMISSION TO FIRE PROTECTION DIVISION OF DCRA/BLRA FOR REVIEW AND APPROVAL TO THE REQUIREMENTS AND SHALL INCLUDE, BUT ARE NOT LIMITED TO EQUIPMENT CUT SHEETS, SEQUENCE OF OPERATION, BATTERY CALCULATION, CIRCUIT CAPACITY CALCULATIONS, WIRING DIAGRAMS, RISER DIAGRAM AND FLOOR PLAN. THE FLOOR PLANS SHALL SHOW WALLS, DOORS, ROOM NAMES AND FIRE ALARM DEVICES OR EQUIPMENT ONLY. NO OTHER DEVICES, FIXTURES OR SYSTEMS SHALL BE SHOWN ON THESE PLANS. THE SHOP DRAWING SHALL BE SIGNED BY A LICENSED FIRE ALARM TECHNICIAN WITH A MINIMUM OF A NICET LEVEL 3 CERTIFICATION.
- EXTEND WIRING AND CONDUIT AS REQUIRED FOR ALL RELOCATED FIRE ALARM DEVICES.
- NEW FIRE ALARM DEVICES TO MATCH EXISTING.
- CONTRACTOR SHALL COORDINATE WITH LIGHTING FIXTURES, DUCTWORK, SPRINKLER HEAD LAYOUT PRIOR TO ROUGH-IN.
- EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION DURING CONSTRUCTION. WITH WRITTEN APPROVAL FROM THE AHJ AND THE OWNER, EXISTING FIRE ALARM DEVICES IN THE AREA OF CONSTRUCTION MAY BE DISCONNECTED FROM SERVICE DURING CONTRACTOR'S WORKING HOURS. WHEN THE CONTRACTOR IS FINISHED FOR THE DAY, THE FIRE ALARM DEVICES SHALL BE RECONNECTED AND BACK IN OPERATION. FIRE ALARM DEVICES MUST BE COVERED OR OTHERWISE PROTECTED FROM DUST AND DEBRIS DURING CONSTRUCTION.
- PROVIDE ALL MATERIALS AND LABOR FOR THE ENGINEERING DESIGN AND INSTALLATION TO MODIFY THE EXISTING FIRE ALARM SYSTEM SERVING THE SPACE. MAINTAIN EXISTING PROGRAMMING FOR ASSOCIATED BUILDING FUNCTIONS.
- FIRE ALARM SYSTEM DRAWINGS PROVIDED ARE FOR INFORMATION ONLY AND ARE PROVIDED TO CONVEY SYSTEM CONCEPT. THE CONTRACTOR IS RESPONSIBLE FOR FINAL DESIGN AND INSTALLATION OF THE SYSTEM IN ACCORDANCE WITH THE APPLICABLE CODES, STANDARDS AND REQUIREMENTS OF THE AHJ. THE DRAWINGS DO NOT INDICATE EVERY DETAIL, EXACT QUANTITIES, TYPES AND LOCATIONS OF THE REQUIRED INITIATING AND NOTIFICATION DEVICES.

**DRAWING NOTES:**

- JUNCTION BOX LOW VOLTAGE TRANSFORMER (120/24V) TO SUPPLY MOTORIZED DAMPER. SMOKE DETECTOR WITH AUXILIARY RELAY SHALL BE INTERLOCKED WITH DAMPER SO THAT ACTIVATION OF THE SMOKE DETECTOR WILL CLOSE THE DAMPER IN THE DUCT WORK SERVING THIS SPACE.
- FIRE ALARM ADDRESSABLE OUTPUT MODULE, 12" AFF. PROGRAMMED TO UNLOCK DOORS DURING FIRE ALARM.

**1 FIRE ALARM PLAN**  
 Scale: 1/8" = 1'-0"



**AUXILIARY SYSTEMS:**

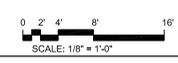
- [M] MANUAL FIRE ALARM PULL STATION MOUNTED AT +48" AFF.
- [S] WALL MOUNTED COMBINATION FIRE ALARM SPEAKER (VOICE EVACUATION) AND VISUAL DEVICE COMPLYING WITH ADA REQUIREMENTS. NUMBER INDICATES CANDELA RATING. MOUNTED AT 60" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.
- [V] CEILING MOUNTED COMBINATION FIRE ALARM SPEAKER (VOICE EVACUATION) AND VISUAL DEVICE. NUMBER INDICATES CANDELA RATING.
- [SD] SMOKE DETECTOR.
- [S<sub>EL</sub>] SMOKE DETECTOR WITH ELEVATOR RECALL.
- [F] FIREFIGHTER TELEPHONE CABINET.
- [FS] FLOW SWITCH.
- [TS] TAMPER SWITCH.
- [O] FIRE ALARM ADDRESSABLE OUTPUT MODULE.
- [D] MOTORIZED DAMPER.

**FIRE ALARM DEVICES LEGEND:**  
 X - EXISTING TO REMAIN  
 XR - EXISTING TO BE REMOVED OR RELOCATED  
 N - NEW DEVICE  
 R - RELOCATED TO NEW LOCATION

**2 EXISTING PARTIAL FIRE ALARM RISER DIAGRAM**  
 NOT TO SCALE

**RISER NOTES:**

- [R1] EXISTING FIRE ALARM TERMINAL CABINET.
- [R2] RISER CONNECTS TO EXISTING FIRE ALARM TERMINAL CABINETS ON THE FLOOR ABOVE AND THE FLOOR BELOW.
- [R3] NEW FIRE ALARM DEVICES CONNECTED TO EXISTING FIRE ALARM TERMINAL CABINET & EXTENDER PANEL. CONTRACTOR TO FIELD VERIFY EXACT NUMBER OF NEW DEVICES REQUIRED.
- [R4] EXISTING FIRE ALARM EXTENDER PANEL.
- [R5] SMOKE DETECTOR WITH AUXILIARY RELAY INTERLOCKED WITH MOTORIZED DAMPER (24V).



DRAWING NAME: 2014080101.DWG; DATE: 08/21/14; PROJECT: 616 H STREET (GALLERY PLACE) - 5TH FLOOR; SHEET: 8932.001 E.05





District of Columbia Courts  
 Gallery Place - 5th Floor  
 616 H Street, Suite 500  
 Washington, DC 20001

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 1000 NEWPORT PIKE, SUITE 100  
 WASHINGTON, DC 20004  
 TEL: 202-331-0000  
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PROJECT  
**Construction Documents for Interior Improvement to:  
 District of Columbia Courts Gallery Place - 5th Floor**  
 District of Columbia Courts  
 Gallery Place  
 616 H Street, Suite 500  
 Washington, DC 20001

Project Title  
 Client Name  
 Building Address

ISSUED FOR DATE  
 SOLICITATION SUBMISSION SET 08.25.2014

APPROVALS DATE

NO.	DESCRIPTION	DATE	BY

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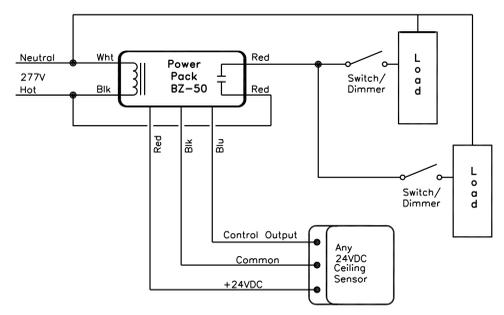
Accepted By:  
 Joseph E. Sanchez, Jr.  
 Capital Projects and Facilities Management Officer  
 Contracting Officer  
 District of Columbia Courts

**616 H Street (Gallery Place)  
 5th Floor  
 Lighting Fixture Schedule & Details**

Date: 08/21/14  
 Scale: None  
 Checked by: BM/KP  
 Drawn by: FVD  
 Plotted by: FVD

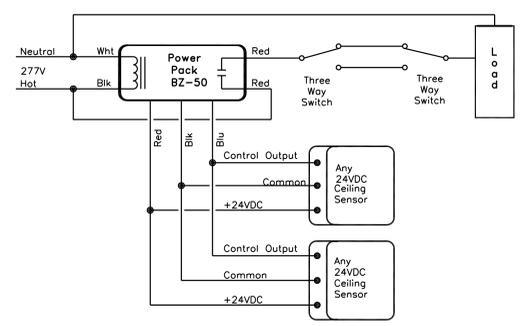
LIGHTING FIXTURE SCHEDULE		COORDINATE WITH THE ARCHITECT FOR FINAL SELECTION OF FIXTURES AND FINISHES.					
SYMBOL	DESCRIPTION	MANUFACTURER/CATALOG NO.	LAMP			MOUNTING	REMARKS
			NO.	WATTS	TYPE		
R1	2' X 2' RECESSED LED LIGHTING FIXTURE WITH INTEGRAL DRIVER	LEDALITE: ARCFORM 2'X2' 3622(VERSION)-ST-L-B-36-S-1-2-E	-	40.4W	LED	277	RECESSED
R1A	2' X 2' RECESSED LED LIGHTING FIXTURE WITH INTEGRAL DRIVER	LEDALITE: ARCFORM 2'X2' 3622(VERSION)-ST-L-B-18-S-1-2-E	-	20W	LED	277	RECESSED
R2B	2' X 2' RECESSED LED LIGHTING FIXTURE WITH INTEGRAL DRIVER	LEDALITE: ARCFORM 2'X2' 3622(VERSION)-ST-L-B-24-S-1-2-E	-	27W	LED	277	RECESSED
R2BA	4 1/2" RECESSED LED WALL WASHER LIGHTING FIXTURE.	LIGHTOLIER: C4L05-WW-35K-CCL-W-C4L05-N-2-210V (0-10V DIMMING)	-	10W	LED	277	RECESSED - PROVIDE LUTRON NOVA T 0-10V DIMMER (NITTV) WITH POWER PACK (PP-277H)
R2BA-12	SUSPENDED DIRECT INDIRECT LED LIGHTING FIXTURE.	LEDALITE: 7806-LB-E-QN-12'-7 (0-10V DIMMING)-2-W	-	96W	LED	277	RECESSED - PROVIDE LUTRON NOVA T 0-10V DIMMER (NITTV) WITH POWER PACK (PP-277H)
U	UNDERCABINET LED LIGHTING FIXTURE WITH INTEGRAL POWER DRIVER	ALKCO: LINC100-L28	9	1W	LED	277	SURFACE
ES	CEILING MOUNTED EXIT SIGNAGE	LITHONIA: LOMSW3R	-	1.0W	LED	277	UNIVERSAL - SEE PLAN FOR DIRECTIONAL ARROWS REQUIRED.

- LIGHTING FIXTURE SCHEDULE NOTES:
- SUBMIT SHOP DRAWINGS TO ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL.
  - SHADED LIGHT FIXTURES ARE EMERGENCY LIGHTS AND SHALL BE CONNECTED TO EXISTING EMERGENCY SUPPLY SERVING THE AREA.
  - FIXTURES SHALL BE IN ACCORDANCE WITH IES, NEMA, UL, NFPA AS SPECIFIED.
  - LED DRIVERS SHALL INCLUDE THE FOLLOWING FEATURES UNLESS OTHERWISE INDICATED:
    - MINIMUM EFFICIENCY: 85% AT FULL LOAD.
    - MINIMUM OPERATING AMBIENT TEMPERATURE: -20 DEGREE C (-4 DEGREE F)
    - INPUT VOLTAGE: 120-277 VAC (+/- 10 PERCENT) AT 60HZ.
    - INTEGRAL SHORT CIRCUIT, OPEN CIRCUIT, OVERLOAD PROTECTION.
    - POWER FACTOR: 0.95 OR HIGHER.
    - TOTAL HARMONIC DISTORTION: 20% OR LESS.
    - CONTROL SIGNAL DISCONNECT 100% FAIL SAFE.
  - MINIMUM CRI 80 COLOR TEMPERATURE 3500K AND MINIMUM RATED LIFE 50,000 HOURS PER IES L70, UNLESS OTHERWISE SPECIFIED.
  - HOUSING, DRIVER AND MODULE SHALL BE PRODUCTS OF SAME MANUFACTURER.
  - LED DRIVER, MODULE AND REFLECTOR SHALL BE ACCESSIBLE, SERVICEABLE AND REPLACEABLE FROM BELOW CEILING, UNLESS SPECIFICALLY TO BE INSTALLED AT REMOTE ACCESSIBLE LOCATION.
  - FOR LED LUMINAIRES, SUBMIT US DOE LED LIGHTING FACTS LABEL AND IES L70 RATED LIFE.
  - LED COMPLIANCE: LED COMPONENTS, LAMPS, DRIVERS AND FIXTURES SHALL COMPLY WITH:
    - IESNA STANDARDS TM-16-05, RP-16, LM-79, LM-80 AND TM-21.
    - UL 8750
    - ANSI/NEMA STANDARDS C78.377, NEMA SSL-1-10
    - CFR 47 PART 15
  - SPECIAL WARRANTY FOR LED LUMINAIRES: PROVIDE A FIVE YEAR MANUFACTURER'S WARRANTY (FROM THE OFFICIAL DATE OF SUBSTANTIAL COMPLETION) ON LED LUMINAIRES, PROVIDING FULL REPLACEMENT OF ANY FAILED COMPONENTS, INCLUDING LED DRIVERS, AT NO COST TO THE OWNER.



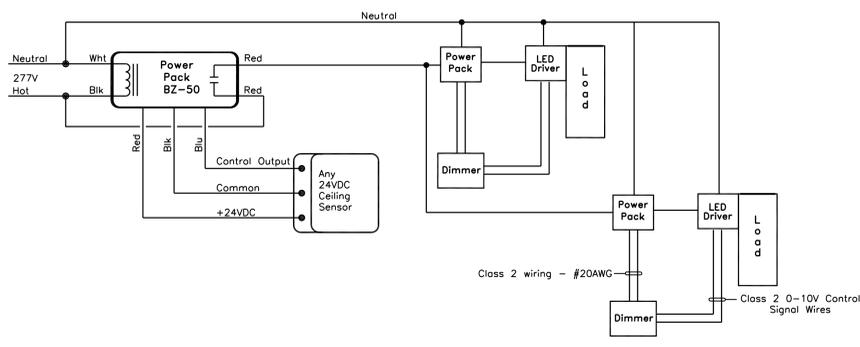
**WATTSTOPPER DT-205 OCCUPANCY SENSOR SCHEMATIC DIAGRAM**  
 SCALE: NO SCALE

NOTE:  
 1. SCHEMATIC DIAGRAM WITH ONE OR MORE SWITCHES/DIMMERS.



**WATTSTOPPER DT-305 OCCUPANCY SENSOR SCHEMATIC DIAGRAM**  
 SCALE: NO SCALE

NOTE:  
 1. SCHEMATIC DIAGRAM WITH THREE WAY SWITCHES AND ONE OR MORE CEILING MOUNTED OCCUPANCY SENSORS.

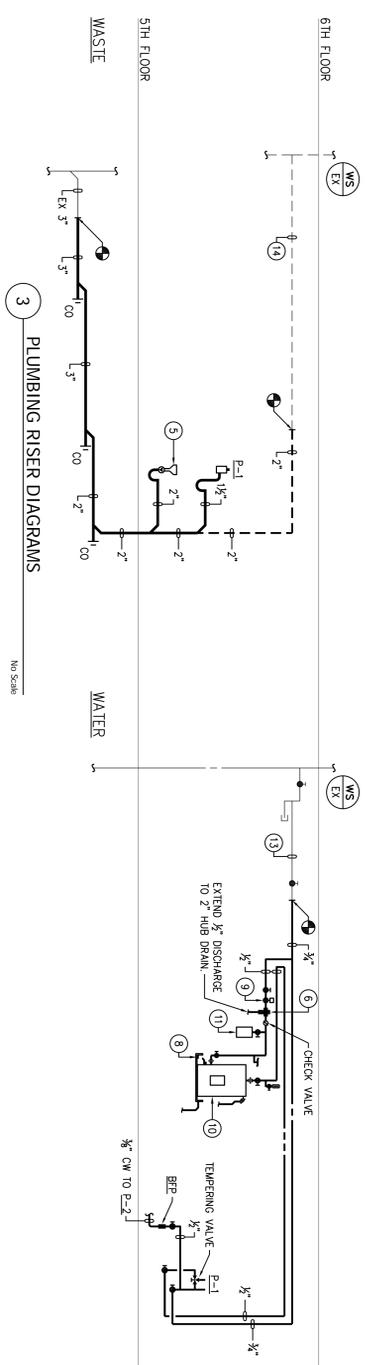


**DT-305 OCCUPANCY SENSOR SCHEMATIC DIAGRAM**  
 SCALE: NO SCALE

NOTE:  
 1. SCHEMATIC DIAGRAM APPLIES AT CONFERENCE ROOM.

DRAWING NAME: 2014082101.DWG; DATE: 08/21/14; PROJECT: 616 H Street (Gallery Place) - 5th Floor; SHEET: 8932.001





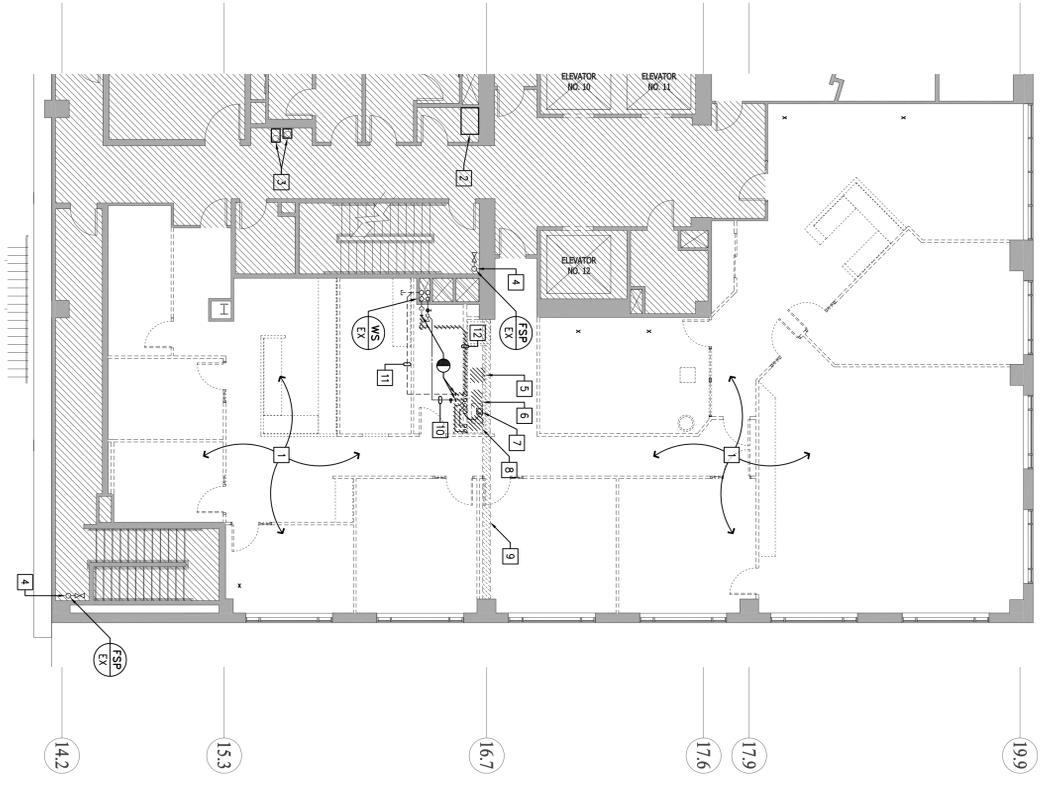
**DEMOLITION DRAWING NOTES**

- 1 - PROPOSED AREA OF CONSTRUCTION. SEE FIRE PROTECTION NOTES ON SHEET P.01 REGARDING THE EXISTING SPRINKLER SYSTEM AND MODIFICATIONS THERE TO. SPRINKLER SYSTEM SHALL BE IN COMPLIANCE WITH NFPA 13 AND LOCAL GOVERNING CODES. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
- 2 - EXISTING WOP BASIN TO REMAIN.
- 3 - EXISTING ELECTRIC WATER COOLERS (TO REMAIN). PROVIDE PROTECTION DURING CONSTRUCTION.
- 4 - EXISTING 4" FSP AND 2 1/2" FHV TO REMAIN.
- 5 - REMOVE EXISTING DISHWASHER AND RELATED PLUMBING ROUGH-IN PIPING.
- 6 - REMOVE EXISTING PANTRY SINK, DISPOSER, AND RELATED PLUMBING ROUGH-IN PIPING. PATCH AND REPAIR SLAB PENETRATIONS.
- 7 - REMOVE EXISTING FLOOR DRAIN AND RELATED PLUMBING ROUGH-IN PIPING. PATCH AND REPAIR SLAB PENETRATIONS.
- 8 - REMOVE EXISTING ELECTRIC WATER HEATER AND RELATED BRANCH HOT AND COLD WATER SUPPLY PIPING.
- 9 - LOCATION OF EXISTING STRUCTURAL BEAM AT UNDERSIDE OF FLOOR SLAB(S).
- 10 - EXISTING 2" COLD WATER PIPING (ABOVE CEILING) TO REMAIN.
- 11 - EXISTING 2" VENT PIPING (ABOVE CEILING) TO REMAIN.
- 12 - REMOVE EXISTING 3" WASTE PIPING (ABOVE CEILING BELOW) UP TO POINT-OF-DISCONNECTION.

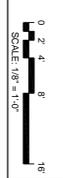
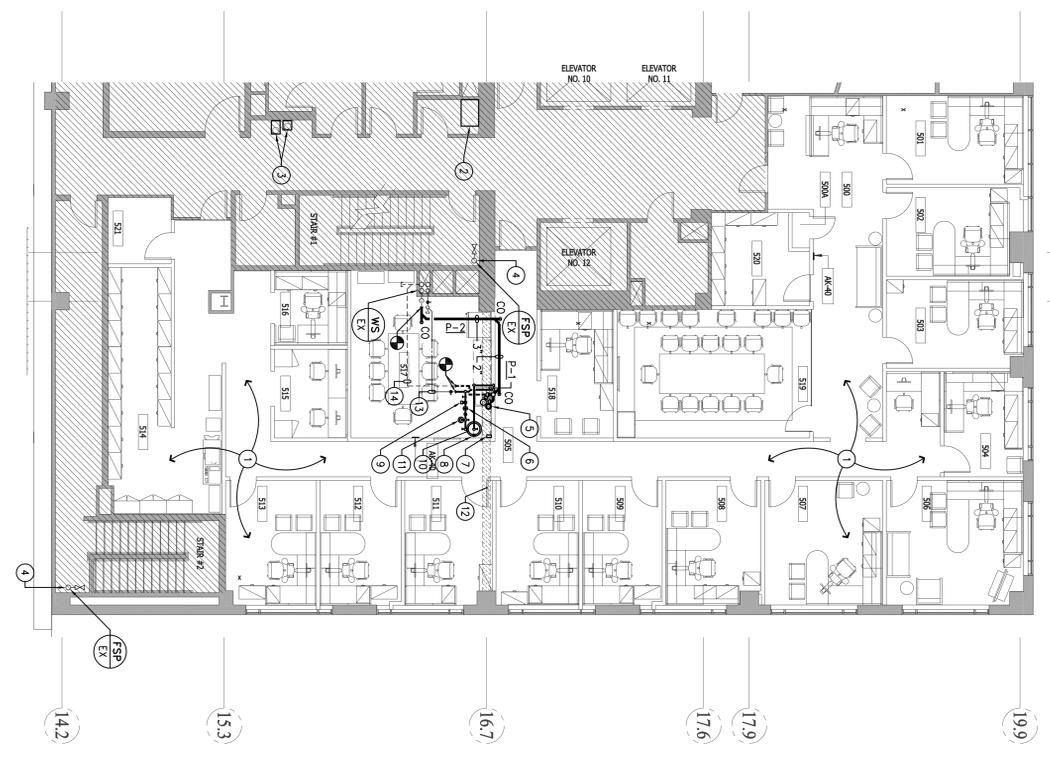
**NEW WORK DRAWING NOTES**

- 1 - PROPOSED AREA OF CONSTRUCTION. SEE FIRE PROTECTION NOTES ON SHEET P.01 REGARDING THE EXISTING SPRINKLER SYSTEM AND MODIFICATIONS THERE TO. SPRINKLER SYSTEM SHALL BE IN COMPLIANCE WITH NFPA 13 AND LOCAL GOVERNING CODES. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
- 2 - EXISTING WOP BASIN TO REMAIN.
- 3 - EXISTING ELECTRIC WATER COOLERS TO REMAIN.
- 4 - EXISTING 4" FSP AND 2 1/2" FHV TO REMAIN.
- 5 - PROPOSED 2" HUB DRAIN WITH BALL BACKWATER VALVE. PROVIDE DRAIN MODEL 2233 OR APPROVED EQUAL.
- 6 - PROPOSED TRAP PRIMER VALVE. PROVIDE PVP, INC. MODEL PPO1-500 PRIME-PRO TRAP PRIMER VALVE OR APPROVED EQUAL.
- 7 - PROPOSED WATER SHUTOFF SYSTEM CONTROLLER (SEE NOTES NO. 8 & 9). PROVIDE WATTS FREDERICK SERIES WOS SYSTEM OR APPROVED EQUAL.
- 8 - PROPOSED WATER DETECTOR SHUTOFF SYSTEM WATER DETECTOR PAD (SEE NOTE NO. 7).
- 9 - PROPOSED WATER DETECTOR SHUTOFF SYSTEM MOTORIZED SHUT-OFF VALVE (SEE NOTE NO. 7).
- 10 - PROPOSED ASME CERTIFIED ELECTRIC HOT WATER HEATER (SEE SHEET P.01 FOR DETAIL) LOCATED IN CEILING SPACE. PROVIDE A.O. SMITH MODEL DSF-5, 3.0 KW, 277/60/1.
- 11 - PROPOSED ASME CERTIFIED THERMAL EXPANSION TANK LOCATED IN THE CEILING SPACE. PROVIDE AMTRON THERM-A-TRO, ST-5-C OR APPROVED EQUAL.
- 12 - LOCATION OF EXISTING STRUCTURAL BEAM AT UNDERSIDE OF FLOOR SLAB(S).
- 13 - EXISTING 3/4" COLD WATER (ABOVE CEILING) TO REMAIN.
- 14 - EXISTING 2" VENT PIPING (ABOVE CEILING) TO REMAIN.

**1 PLUMBING DEMOLITION 5TH FLOOR PLAN**  
 Scale: 1/8" = 1'-0"



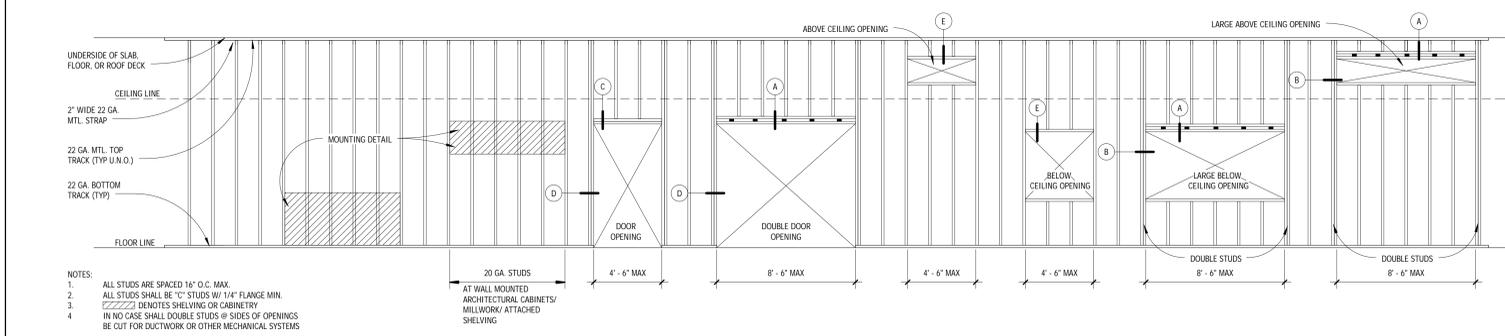
**2 PLUMBING NEW WORK 5TH FLOOR PLAN**  
 Scale: 1/8" = 1'-0"



<p><b>616 H Street (Gallery Place) 5th Floor Plumbing Demolition &amp; New Work 5th Floor Plans and Riser Diagrams</b></p> <p>DATE: 08/27/14                  DRAWN BY: JAG                  CHECKED BY: JAG                  DESIGNED BY: JAG                  FILED BY: JAG</p>	<p><b>REVISIONS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DESCRIPTION	DATE	BY					<p><b>SUBMISSION</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ISSUED FOR</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>SOLUTION SUBMISSION SET</td> <td>08/25/2014</td> </tr> </tbody> </table>	ISSUED FOR	DATE	SOLUTION SUBMISSION SET	08/25/2014	<p><b>KEYPLAN</b></p>	<p><b>PROJECT</b></p> <p><b>Construction Documents for Interior Improvement to:</b>  <b>District of Columbia Courts</b></p> <p><b>District of Columbia Courts</b></p> <p><b>Gallery Place</b>  <b>616 H Street, Suite 500</b>  <b>Washington, DC 20001</b></p>	<p><b>ARCHITECT &amp; ENGINEER NAME &amp; LOGO</b></p> <p><b>IBI Group</b>          1505 Prince Street, Suite 200          Alexandria VA 22314 United States          tel 703 838 9600          fax 703 838 2884</p> <p><b>LORING</b>          CONSULTING ENGINEERS          1505 Prince Street, Suite 200          Alexandria VA 22314 United States          tel 703 838 9600          fax 703 838 2884</p>
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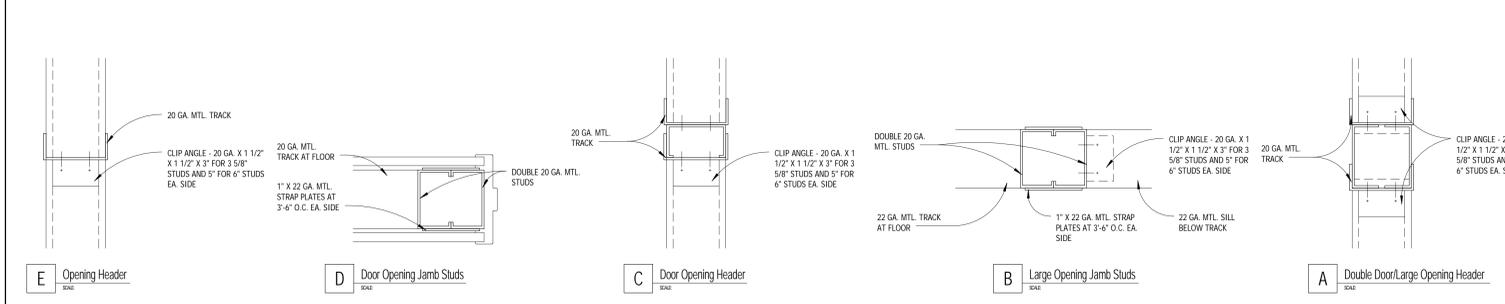


Typical Interior Partition Framing Elevation



- NOTES:  
 1. ALL STUDS ARE SPACED 16" O.C. MAX.  
 2. ALL STUDS SHALL BE 1" X 1 1/2" X 3" FOR 3 5/8" STUDS AND 5" FOR 6" STUDS EA. SIDE  
 3. HATCHED AREAS INDICATE SHELVING OR CABINETRY  
 4. IN NO CASE SHALL DOUBLE STUDS @ SIDES OF OPENINGS BE OUT FOR DUCTWORK OR OTHER MECHANICAL SYSTEMS

Partition Framing Details



E Opening Header  
 D Door Opening Jamb Studs  
 C Door Opening Header  
 B Large Opening Jamb Studs  
 A Double Door/Large Opening Header

General Description of Work

- Unless otherwise indicated by the Construction Documents, all new items of construction are to be furnished and installed by the Contractor and/or his subcontractors. The terms "Furnish", "Install", "Provide" and any derivations thereof used in the Construction Documents, are directing the Contractor to both furnish and install any given item and its incidental materials unless otherwise noted.
- The Work includes, but is not necessarily limited to, the following:
- The removal and storage for reuse of existing light fixtures as indicated by the Construction Documents.
  - The demolition and disposal of all existing materials and constructs, together with all materials incidental thereto, as indicated by the Construction Documents. Said materials and constructs include, but are not necessarily limited to:
    - a. Partitions,
    - b. Acoustical ceiling tiles, suspension grid, and hanger wire,
    - c. Exit signage and other ceiling mounted devices,
    - d. Carpet and base materials,
    - e. Selective concrete floor slab demolition,
    - f. Limited demolition outside of the Project Area as may be necessary for the completion of the Work.
  - Door + frame assemblies unless noted to be reused.
- Refer to the Engineering drawings for information on additional items to be removed.
- The cleaning and preparation of surfaces to receive new finishes or constructs as indicated by the Construction Documents. Preparation shall be in accordance with the recommendations and specifications of the respective manufacturer.
  - The installation of new work as indicated by the Construction Documents.
  - The installation of ceiling bulkheads and support framing.
  - Not used.
  - The erection of new gypsum board partitions and ceiling assemblies.
  - The installation of all doors and hardware.
  - The installation of all finishes and accessories as indicated by the Construction Documents.
  - The installation of all millwork as indicated by the Construction Documents.
  - The installation of all kitchen and toilet room fixtures and their related accessories.
  - The installation of suspended acoustical assemblies.
  - The installation or reinstallation of all light fixtures and other ceiling mounted devices indicated by the construction documents together with all materials incidental thereto.
  - The reconfiguration of the existing automatic sprinkler system to accommodate the proposed layout.
  - The installation of all fire and life safety devices as indicated by the Construction Documents.
  - Coordination of work with the DC Courts security Vendor and the provision of rough-in work that they may require, whether specifically noted in plan or not.
  - The repair and/or replacement of existing construction to remain that was removed for the installation of work or which was damaged as a result of the work.
  - Furnish and install Audio/Visual and Entertainment Equipment as specified.
  - Coordination of work with the DC Courts furniture vendor and the provision of any electrical, data or telephone connection services that may be required.

General Notes

- The intent of these drawings is to provide general guidelines for the selective demolition of portions of Architectural, Mechanical, Electrical and Piping systems serving the building. Note the contractor is obligated to examine the plans. Any observed discrepancies between the drawings and field conditions shall be called to the attention of the Architect immediately, requesting clarification so that the matter may be resolved prior to submission of bids. Note that by submission of bid the Contractor shall acknowledge acceptance of these documents as adequate definition of the scope of work and extra cost claims on inadequacy of the documents will not be considered.
- Before submitting a proposal, all contractors shall visit the premises, familiarize themselves with existing conditions, and satisfy themselves as to the nature and scope of the work and the difficulties that attend its successful execution and completion of the work as indicated in the documents.
- All work on this project shall be performed in accordance with the latest applicable codes and regulations.
- The work detailed on these plans is based on previously prepared base building drawings where existing field conditions are different than shown. Advise the Architect of discrepancies which will affect the proposed work prior to beginning any work.
- Symbols shown on Legend define type of items only. Contractor is responsible for researching drawings for exact construction materials or quantities of each.
- All work demolished shall be removed from the premises every day, except items indicated to be reused or returned to the owner.
- Verify all points of disconnect before commencing any electrical and telecom demolition work, and coordinate with the building security data, telephone and communications systems provider.
- Where openings occur in existing fire-rated areas or partitions due to removal of conduit, ductwork, piping, etc. and/or where existing fire stopping has been removed, provide closure as required.
- Codes and Regulations: Conform to codes and regulations currently in force by the District of Columbia. Said documents include, but are not limited to, the following:
  - a. 2006 International Building Code
  - b. 2006 International Fire Prevention Code
  - c. 2008 DCMR 12 building code regulations
  - d. Americans with Disabilities Act Accessibility Guidelines.
- Where a conflict occurs in or between the aforementioned codes and regulations, the stricter shall apply unless otherwise indicated or agreed upon.
- Due to the small scale of the drawings and the instability of the reproduction process, do not scale these drawings. Field verify any dimensions deemed or noted as being critical.
- Verify all dimensions and existing conditions at job site and advise the Architect of any discrepancies, additions, deletions and/or alterations in any or all conditions before proceeding with any phase of the work.
- Unless noted otherwise, all dimensions are from finish face to finish face.
- Furnish and install fire retardant treated wood blocking as required at all locations for the proper and secure installation of all wall mounted equipment or millwork whether specifically noted in the drawings or not.
- Where electrical and plumbing fixtures, or other related equipment, occur in millwork, provide cut-outs, rough-ins and stub-ins for these items and coordinate the work to assure proper location and installation.
- Provide fireproofing/insulating material as required to maintain the fire-rating of floor, wall and ceiling assemblies whether specifically noted in plan or not. This applies to existing as well as new penetrations.
- Provide demolition to the minimum extent required for the installation of fire alarm, sprinkler, MEP and telecommunications work. Coordinate with each of these trades and consultants and verify the extent of the work required. Unless noted otherwise, existing finishes and equipment in the designated areas are to remain and should be disturbed only to the minimum extent to perform the work. Repair or replace finishes that are damaged as a result of work to match surrounding conditions.
- Millwork:
  - a. Fabricate and install all millwork indicated in the Construction Documents in accordance with the specifications and provisions of the "Architectural Woodwork Quality Standards", 8th Edition, as published by the Architectural Woodwork Institute, for Custom cabinets.
  - b. Refer to the Finish Schedule for the color selection of Plastic Laminates (PLAM) and solid surface materials.
- N/A
- Provide samples, specification sheets and/or product data for all scheduled items. Prepare comprehensive list of all submittals at the start of the project for review by Architect.
- All Work shall be performed in accordance with the Construction Rules and Regulations provided by the Property Management Company. This document must be read, signed and returned to Management prior to the start of any work.

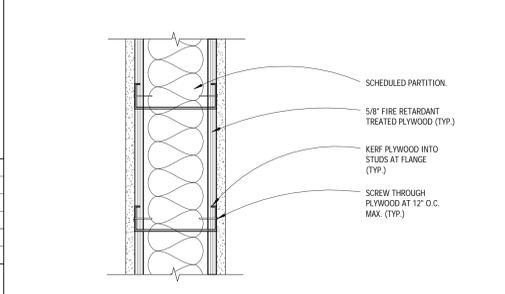
Partition Notes

- REFER TO ARCHITECTURAL PLAN FOR THE LOCATIONS OF PARTITION TYPES HEREIN INDICATED.
- PROVIDE 5/8" CEMENTITIOUS BACKER BOARD IN LIEU OF 5/8" GWB AT ALL PARTITIONS INDICATED TO RECEIVE CERAMIC OR STONE TILES.
- PROVIDE SEALANT AROUND ALL WALL PENETRATIONS, SUCH AS ELECTRICAL BOXES, ETC. WITH SOUND ATTENUATION TO PREVENT NOISE TRANSFER. PROVIDE FIRE-RATED ACOUSTICAL SEALANT AT ALL FIRE-RATED PARTITIONS.
- CROSS-BRACE ALL CHASE WALLS TO ADJACENT WALL AND PROVIDE A MINIMUM OF 1 1/2" OF SOUND ATTENUATION BLANKETS.
- PROVIDE STEEL STUD BRACING AS REQUIRED AT STUDS ABOVE CEILING TO MEET DEFLECTION REQUIREMENT - L/240 FOR STANDARD GWB WALLS. L/600 FOR WALLS WITH TILE OR STONE FINISH.
- REINFORCE, BRACE AND PROVIDE BLOCKING IN WALLS AS REQUIRED TO SUPPORT THE INSTALLATION OF WALL MOUNTED TOILET AND KITCHEN EQUIPMENT, CABINETRY, AND SHELVING WHERE SPECIFICALLY INDICATED BY THE DRAWINGS OR NOT. ALL BLOCKING SHALL BE FIRE RETARDANT.
- CONFIRM THE GAUGES REQUIRED FOR COLD ROLLED STEEL FRAMING MEMBERS IN RELATION TO THEIR APPLICATION AND/OR FUNCTION AND INCREASE THE GAUGES OF MEMBERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT AND THE OWNER.
- ALL FIRE RATED PARTITIONS SHALL FIT TIGHT AGAINST OVERHEAD STRUCTURE.
- PROVIDE NONCOMBUSTIBLE FIRE STOPPING MATERIAL AND SEAL AROUND PENETRATIONS IN FLOOR AND PARTITIONS IN ORDER TO PROVIDE REQUIRED FIRE SEPARATION.
- FUR AND FINISH ALL VERTICAL PIPES AND DUCTS IN THE SAME MATERIAL AS THE ADJACENT WALL OR COLUMN WHETHER INDICATED OR NOT ON THE ARCHITECTURAL DRAWINGS.
- UNLESS NOTED OTHERWISE, ALL Gypsum BOARD USED IN THIS PROJECT SHALL BE FIRE RESISTANT.

General Finish Notes

- All finishes shall be applied in conformance with the manufacturer's recommendations and instructions. A copy of the recommendations and instructions shall be submitted to the designer prior to the installation of materials.
- Unless otherwise noted, all paint, priming and priming for wallcoverings and wallpaper are to be furnished and installed by the contractor. All surfaces to receive wallcovering shall receive a minimum of one coat of primer/sealer appropriate to substrate and finish wallcovering.
- All changes in floor material and colors shall occur at the centerline of doorways unless noted otherwise.
- Paint all unfinished materials, grilles, registers, etc. to match adjacent walls. Materials with a natural finish, such as anodized aluminum, shall be left in their natural finish unless otherwise noted by the construction documents.
- See Reflected Ceiling Plans for ceiling finishes.
- Apply one primer coat and two finish coats on surfaces to be painted.
- Prepare floor for installation of finishes in accordance with the manufacturer's specifications and recommendations. Remove all foreign matter, grease, wax, oil, paint, adhesives, etc. Check, holes and depressions should be filled with finishing compound or latex patch material. Cut off any protruding objects and grind smooth to level with the floor surface.
- Inspect floor construction and surfaces to receive new finishes and promptly notify the Architect of any defects in the substrate that affect the work so that they may be corrected before the start of the work. Proceeding with the work shall be deemed as acceptance by the Contractor of the floor area and he shall be responsible thereafter for the installation of the work.
- Install flooring materials with the following exceptions as indicated by the manufacturer's installation instructions. All flooring material shall be delivered to the site in time to accommodate to conditions prior to installation. Submit a copy of the installation instructions shall be submitted to the architect and the owner.
- Install ceramic tile and substitutes in accordance with the requirements and recommendations of the Tile Council of America together with all materials incidental thereto whether specifically indicated or not.
- Coordinate the scheduled resilient floor layout fitting and seam location with Architect prior to installation.
- Provide and install the scheduled resilient wall base in style cover base with top-set base in areas scheduled to receive resilient flooring. Base shall have pre-molded inside and outside corners.
- Refer to door and hardware schedule for designated finishes of doors and frames.
- All electrical switches, outlets and cover plates shall be a paintable finish. Coordinate the color/finish of all electrical switches, outlets and cover plates with Architect. Submit samples for approval.

Typical Blocking Detail



- NOTES:
- DETAIL INDICATES BLOCKING ON BOTH SIDES OF THE PARTITION. REFER TO THE ARCHITECTURAL PLAN FOR INDICATION OF WHICH SIDE OF PARTITION ON WHICH BLOCKING IS TO BE INSTALLED.
  - WHERE INDICATED BY THE ARCHITECTURAL FLOOR PLAN, BLOCKING SHALL EXTEND FROM FLOOR TO CEILING.

General Reflected Ceiling Notes

- See the Reflected Ceiling Plan for ceiling heights.
- Unless noted otherwise, locate all new switches at 45" A.F.F. to center line of switch(es) in accordance with the ADA accessibility guidelines. All new switch locations to be as indicated by the engineering drawings.
- Install all fixtures and wires those required to be connected to emergency circuits and exit lights, based on applicable codes and revise final location, subject to the final review of the Architect.
- Furnish and install in quantity and type all light fixtures together with all materials incidental thereto, as shown on the reflected ceiling plan. Locations of any item not shown or specifically located on the reflected ceiling plans shall be field coordinated with the architect prior to installation.
- Install multiple switch groupings in common gang boxes with barriers and common coverplates.
- Coordinate the installation and verify the required location of any supplemental mechanical, electrical, or plumbing equipment. Furnish and install any required supplemental structure which may be required for the support of said equipment whether specifically noted in plan or not.
- In the event of a substitution for any product or item herein specified, submit the proposed substitution for review by the designer and the courts. Said substitutions will be reviewed on an "or-equal" basis. Do not proceed with substitutions without notification of acceptability from the owner.
- Supply finish trim for all ceiling mounted luminaries which is designed for use in the ceiling where it occurs.
- Coordinate with light fixtures specifications and cut sheets for proper installation in the designated ceiling.
- Fixtures on suspended ceiling shall be supported from the floor above by means of a minimum of two chains per fixture; each chain capable of supporting 100 lbs.
- Perform selective demolition as required for the modification/installation of equipment and devices whether specifically noted in plan or not. Return the surrounding surfaces and substructure to "like-new" condition or replace as required to provide a suitable substrate for new finishes.
- Verify proposed ceiling height before start of ceiling construction. Notify Architect if height cannot be maintained due to ductwork or other conditions.
- Provide and install the new scheduled suspended acoustical ceiling at the height indicated on plan. Any deviation from height shown should be submitted to Architect for approval.
- Provide and install the new scheduled suspended acoustical ceiling as required to comply with the manufacturer's instructions and ASTM C636 Standard for ceiling suspension systems.
- Access door locations to be reviewed in the field prior to installation and their locations are to be approved by the Architect.
- Prior to closing any ceilings, all new plenum HVAC, plumbing, electric systems shall be inspected and tested by the Contractor's Engineers and by the authorities having jurisdiction to ensure their proper installation and function.
- HVAC Contractor to coordinate the location of diffusers and returns and submit drawings to Architect for approval. All diffusers mounted in gypsum board ceiling to match ceiling paint finish, unless noted otherwise.
- Refer to engineering drawings for information regarding circulating/switching of all lighting fixtures and other electrical devices.
- Prepare new gypsum board ceilings, soffits and fascias to receive the scheduled finish. Refer to finish schedule for additional information.
- Patch, repair and/or restore fireproofing at existing ceiling beams and girders to match adjacent construction.
- Provide and install undercabinet task lights as required. See kitchen details for location.

General Power, Data, & Telephone Notes

- Install all wall mounted P/D/T devices vertically at 18" A.F.F. to centerline unless noted otherwise on the plans.
- Electrical work and materials shall be in compliance with the National Electrical Code and all other related codes in use by the governing government agency(ies) at the time of construction. In the event of a conflict between the aforementioned requirements, the more restrictive shall apply.
- All mounting heights indicated are to the centerline(s) of outlet(s), device(s) or equipment unless noted otherwise.
- Outlets, or other devices, which are mounted on opposite sides of partitions shall not be mounted back to back.
- Clean, repair and relamp those existing fixtures to be reused.
- Coordinate with DC Courts for the provision and installation requirements for security equipment.
- Coordinate with DC Courts for the provision and installation requirements of the USGS, IT, and Audio/Visual cabling and equipment.
- Coordinate electrical work with that of other trades for final installation of undercabinet wall transition boxes and security devices.
- Extend receptacles from wall to face of built-in millwork. Receptacles should be mounted in horizontal position. Coordinate all work with other trades. Provide all mounting hardware as required.
- Coordinate exact power requirement, NEMA configuration of receptacle with equipment specified by supplier prior to installation.
- Provide chalkline layout on site for approval by Architect prior to installation of any floor mounted receptacles.
- Where more than one switch occurs in the same location, they shall be installed in a gang type box under one coverplate.
- Submit cut sheets of all receptacle types prior to placing order for approval by the Architect.
- Provide final connection to systems furniture. Provide all required fittings, bohrings, wire connectors, etc. for a complete system.
- Coordinate exact wiring configuration with systems furniture supplier prior to final installation.
- Install all GFI outlets at 42" A.F.F. unless noted otherwise.

Partition Notes	Description: Ceiling High Partition with SAFB
	Partition Thickness: 3 1/2"
	Fire Rating/Test #: N/A
	STC Rating: TBD
	Stud Thickness: 2 1/2"
SAFB Insulation Thickness: 2 1/2"	

2D Partition Type

Partition Notes	Description: Ceiling High Partition without SAFB
	Partition Thickness: 3 1/2"
	Fire Rating/Test #: N/A
	STC Rating: TBD
	Stud Thickness: 2 1/2"
SAFB Insulation Thickness: Not Required	

2C Partition Type

District of Columbia  
 Gallery Place - 6th Floor  
 616 H Street  
 Washington DC 20001

IBI Group  
 1505 Prince Street, Suite 200  
 Alexandria VA 22314 United States  
 Tel: 703 836 9600  
 Fax: 703 836 2484

Mechanical / Electrical / Plumbing Engineer  
 Joseph R. Loring Consulting Engineers  
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ARCHITECT & ENGINEER NAME & LOGO

PROJECT

Construction Documents for Interior Improvement to:  
 District of Columbia Courts  
 Gallery Place - 6th Floor

Project Title

District Of Columbia Courts  
 Capital Project and Facilities Management  
 Division

Client Name

Building Address

Gallery Place  
 616 H Street  
 Washington DC 20001

ISSUED FOR SOLICITATION SUBMISSION	DATE		
	08.25.2014		
APPROVALS	DATE		
NO.	DESCRIPTION	DATE	BY

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Accepted By:

Joseph E. Sanchez, Jr.  
 Capital Project and Facilities Management Officer  
 Contracting Officer  
 District of Columbia Courts

616 H Street (Gallery Place)  
 6th Floor  
 General Notes & Partition Types

Date: 08.11.14  
 Scale: As Indicated  
 Checked by: WJP, PB  
 Drawn by: AD  
 Planned By: Designer

Contractor to Verify Dimensions on Site  
 Do Not Scale the Drawing

DOOR NO.	DOOR				FRAME				HARDWARE				REMARKS
	W	H	T	TYPE	MATL	FIN.	TYPE	MATL	FIN.	SET #	MODIFIER		
603	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	4	M,N	REUSE EXISTING DOOR	
609	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	13	O	REUSE EXISTING DOOR	
620	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	13	O	REUSE EXISTING DOOR	
622	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	13	O	REUSE EXISTING DOOR	
623	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	13	O	REUSE EXISTING DOOR	
628	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	13	O	REUSE EXISTING DOOR	
629	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	13	O	REUSE EXISTING DOOR	
631	3'-0"	8'-0"	1 3/4"	1	SCWD	ST-2	2	ALUM	NATURAL	4	G,M,N	REUSE EXISTING DOOR	
632	3'-0"	7'-0"	1 3/4"	1	SCWD	P-2	1	HM	P-2	4		REUSE EXISTING DOOR	

### General Door, Hardware Notes

- Hardware lockset functions based upon Corbin-Russwih CL-3300 Series - 7 pin cylinders.
- All door handles to be the PRINCETON as manufactured. Corbin-Russwih, CL-3300 Series, or approved equal - Submit metal samples for final finish determination.
- All hardware to match base building finish, UNO - submit metal samples to Architect for final determination.
- All hardware and functions shall be ADA compliant.
- Maximum undercut on all doors shall be 1/2" AFF unless noted otherwise.
- All Wood Frames are to be finished to match door.
- At gypsum board construction, all metal frames are to be knock-down frames.
- At cmu construction, all metal frames are to be continuously welded framed only, not knock-down frames.
- The Contractor shall reuse as many doors as possible. New doors shall match existing Contractor to verify existing type & stain on doors.
- Aluminum Frames: All Main Corridor Aluminum door frames shall be manufactured by RACO - Solutions II - 487 Series with 1 1/2" profile. Finish - Natural Aluminum - Submit samples for final finish selection.

**Notes:**  
All security controlled egress doors shall comply as indicated by the following:  
IBC / ICC 2006

SECTION: 1008.1.3.4 Access-controlled egress doors. The entrance doors in a means of egress in buildings with an occupancy in Group A, B, E, M, R-1 or R-2 and entrance doors to limited spaces in occupancies in Groups A, B, E, M, R-1 or R-2 are permitted to be equipped with an approved entrance and egress access control system which shall be installed in accordance with all of the following criteria:

SECTION: 1008.1.8 Door Operations. Except as specifically permitted by this section egress doors shall be readily operable from the egress side without the use of a key or special knowledge or effort.

SECTION: 1008.1.3.4 Access-controlled egress doors. The entrance doors in a means of egress in buildings with an occupancy in Group A, B, E, M, R-1 or R-2 and entrance doors to limited spaces in occupancies in Groups A, B, E, M, R-1 or R-2 are permitted to be equipped with an approved entrance and egress access control system which shall be installed in accordance with all of the following criteria:

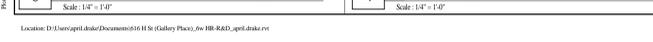
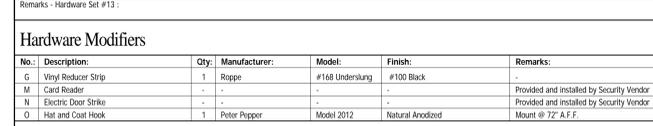
SECTION: 1008.1.3.4 Access-controlled egress doors. The entrance doors in a means of egress in buildings with an occupancy in Group A, B, E, M, R-1 or R-2 and entrance doors to limited spaces in occupancies in Groups A, B, E, M, R-1 or R-2 are permitted to be equipped with an approved entrance and egress access control system which shall be installed in accordance with all of the following criteria:

Hardware Set #4					
Wood/HM Doors - Height: 7'-0" Max					
General Usage Description					
A. LOCKING CLOSET DOOR - SINGLE LEAF					
B. TRAINING ROOM DOOR - SINGLE LEAF					
No.	Description:	Qty.	Manufacturer:	Model:	Finish:
4.01	Hinges	1.5 PR	Stanley	FBB199 - 4.5 x 4.5	32D - Satin Stainless Steel
4.02	Storeroom Lockset	1	Corbin-Russwih	CL3357-PZD	US260 - Satin Chromium
4.03	Storeroom	3	Ives	SR64	-
4.04	Floor Mounted Stop	1	Ives	FS436 x 435	US260 - Satin Chromium
4.05	Vinyl Reducer Strip	1	Roppe	#168 Underlunk	#100 Black

Hardware Set #13					
Wood/HM Doors - Height: 7'-0" Max					
General Usage Description					
A. TYPICAL OFFICE DOOR - SINGLE LEAF					
No.	Description:	Qty.	Manufacturer:	Model:	Finish:
13.01	Hinges	1.5 PR	Stanley	FBB199 - 4.5 x 4.5	32D - Satin Stainless Steel
13.02	Office Lockset w/ Push Button	1	Corbin-Russwih	CL3357-PZD	US260 - Satin Chromium
13.03	Storeroom	3	Ives	SR64	-
13.04	Floor Mounted Stop	1	Ives	FS436 x 435	US260 - Satin Chromium

Hardware Modifiers					
No.	Description:	Qty.	Manufacturer:	Model:	Finish:
G	Vinyl Reducer Strip	1	Roppe	#168 Underlunk	#100 Black
M	Card Reader	-	-	-	-
N	Electric Door Strike	-	-	-	-
O	Hot and Cold Hook	1	Peter Pepper	Model 2012	Natural Anodized

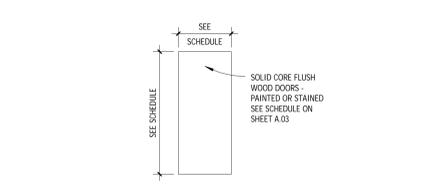
ADA Reference/Standard Door Placement					
5	Front Approach - Pull Side	1	Latch Side Approach - Pull Side	2	Typical Hollow Metal Frame - Head
6	Front Approach - Push Side	2	Latch Side Approach - Push Side	2	Typical Hollow Metal Frame - Jamb
7	Standard Door Placement w/ In-Swing Door	3	Hinge Side Approach - Pull Side	2	Typical Aluminum Frame - Head / Jamb
8	Standard Door Placement w/ Out-Swing Door	4	Hinge Side Approach - Push Side	1	Transition Strip Threshold



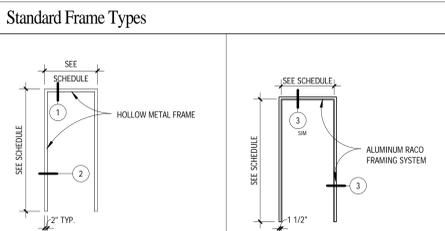
Note: The following are Project Standard references. Not all details may apply.

Finish Schedule	
Symbol	Description
XP-1	PAINT (TYP. UNO)
XP-4	PAINT (TYP. UNO)
ACT-1	ACOUSTICAL CEILING TILE (TYP. UNO)
B-5	CARPET BASE
B-19	CARPET BASE
C-2	CARPET
C-8	CARPET
C-15	CARPET TILE (TRAINING ROOM)
P-2	PAINT (TYP. DOORS & FRAMES - UNO)
P-3	CEILING PAINT
P-4	PAINT (ACCENT PAINT)
PL-1	PLASTIC LAMINATE
PL-2	PLASTIC LAMINATE
ST-2	STAIN
WT-2	ALUMINUM BLINDS

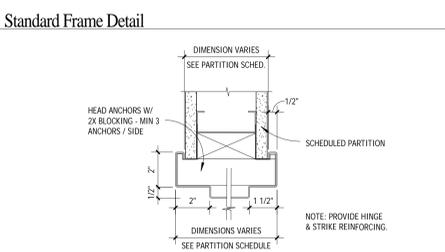
### Standard Door Types



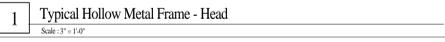
### Standard Frame Types



### Standard Frame Detail



### Typical Hollow Metal Frame - Head



### Typical Hollow Metal Frame - Jamb



### Typical Aluminum Frame - Head / Jamb



### Standard Door Threshold



### Transition Strip Threshold



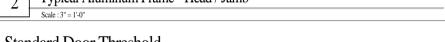
### Standard Door Threshold



### Transition Strip Threshold



### Standard Door Threshold



### Transition Strip Threshold



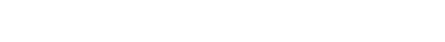
### Standard Door Threshold



### Transition Strip Threshold



### Standard Door Threshold



### Transition Strip Threshold



Reflected Ceiling Legend					
Subscript Key:					
x	EXISTING TO REMAIN UNO.				
x/	EXISTING DEVICE RELOCATED.				
Designation	Description	Make/Model	Volts	Lamps	Remarks
⊠	EXISTING 2' x 2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND RELOCATED	EXISTING FIXTURE	N/A	N/A	N/A
⊠	2' x 2' RETURN GRILL	SEE MECH. DWGS.	N/A	N/A	
⊠	2' x 2' SUPPLY AIR DIFFUSER	SEE MECH. DWGS.	N/A	N/A	
⊠	SLOT AIR DIFFUSER	SEE MECH. DWGS.	N/A	N/A	
⊠	EXISTING SPRINKLER	N/A	N/A	N/A	
⊠	RELOCATED SPRINKLER HEAD	N/A	N/A	N/A	EXISTING SPRINKLERS' HEADS SHOULD BE RELOCATED PER CODE TO MEET THE REQUIREMENTS OF THE NEW PARTITION LAYOUT.
⊠	CEILING MOUNTED EXIT SIGN	LITHONIA #LCHMSWR120277ELN WHITE	N/A	N/A	SEE PLANS FOR DIRECTIONAL ARROWS
⊠	WALL MOUNTED EXIT SIGN	LITHONIA #LCHMSWR120277 WHITE	N/A	N/A	SEE PLANS FOR DIRECTIONAL ARROWS
⊠	WALL MOUNTED FIRE ALARM DEVICES	SEE ELECTRICAL DWGS	N/A	N/A	SEE ELECTRICAL DWGS FOR TYPES AND MOUNTING HEIGHTS

### Power/Communications Legend

Subscript Key:		
x	EXISTING TO REMAIN UNO.	
x/	EXISTING DEVICE RELOCATED.	
Designation	Description	Remarks
⊠	DUPLEX RECEPTACLE OUTLET: WALL MOUNTED; STANDARD UTILITY CONVENIENCE USE.	
⊠	ISO DUPLEX RECEPTACLE OUTLET: WALL MOUNTED	
⊠	DEDICATED DUPLEX RECEPTACLE OUTLET: WALL MOUNTED	
⊠	EXISTING CORE DRILLED - POKE THRU	
⊠	WALL MOUNTED DAU DATA/TELEPHONE	
⊠	WALL MOUNTED TELEPHONE	
⊠	WALL MOUNTED CARD READER DEVICE	SHOWN FOR REFERENCE ONLY. ALL CONDUIT AND MATERIALS WILL BE PROVIDED BY THE SECURITY VENDOR.
⊠	WALL MOUNTED LIGHT SWITCH	MOUNTED AT 45" A.F.F. UNLESS NOTED OTHERWISE.
⊠	WALL MOUNTED THERMOSTAT	MOUNTED AT 45" A.F.F. UNLESS NOTED OTHERWISE.
⊠	WALL MOUNTED JUNCTION BOX	
⊠	WALL MOUNTED JUNCTION BOX: ORIENTATED HORIZONTALLY HEIGHT INDICATED ON POWER, DATA AND TELEPHONE LOCATION PLANS	TOUCH PANEL JUNCTION BOX
⊠	POKE THRU DEVICE - WIREMOLD BAT EVOLUTION SERIES - PROVIDE 8 1/8" (MAX) CORE DRILL (TRAINING ROOM)	WIREMOLD EVOLUTION BAT SERIES - FINISH = BLACK INCLUDE DEVICES AV SYMBOL - 4 GANG JUNCTION BOX QUAD POWER TELE/DATA CATV - 2 GANG JUNCTION BOX FOR CABLE/SATELLITE OUTLET
⊠	WALL/SURFACE MOUNTED COMBINATION AUDIO/VIDEO DEVICE. HEIGHT INDICATED ON POWER, DATA AND TELEPHONE LOCATION PLANS	
⊠	CATV. REQUIRES 1 GANG JUNCTION BOX FOR CABLE/SATELLITE OUTLET	
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⊠	SYSTEMS FURNITURE BASEFEED:	CONSULT WITH SYSTEMS FURNITURE MANUFACTURER REGARDING THE WIRING REQUIRED BY SAID MANUFACTURERS' SYSTEM.
⊠	INDICATES TOTAL NO. OF GENERAL PURPOSE OUTLETS	
⊠	INDICATES TOTAL NO. OF VOICE TELEPHONE & DATA JACKS	
⊠	INDICATES TOTAL NO. OF DATA COMPUTER JACKS	
⊠	INDICATES TOTAL NO. OF ISOLATED GROUND, COMPUTER GRADE OUTLETS	
⊠	INDICATES TOTAL NO. OF WORKSTATIONS SERVED	

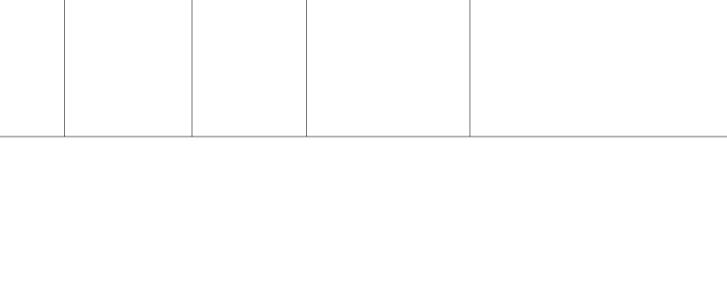
### Poke Thru Detail



### Power/Communications Legend

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⊠	INDICATES TOTAL NO. OF ISOLATED GROUND, COMPUTER GRADE OUTLETS	
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### Poke Thru Detail



### Power/Communications Legend

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### Housing Plan Legend

-  UNDER CONSTRUCTION
-  PERMANENT STAFF RELOCATION
-  TEMPORARY STAFF RELOCATION
-  VACANT LOCATION

#### NOTES:

- 1 FURNITURE MUST BE RECONFIGURED AFTER THE RELOCATION OF B. YOUNG AND PRIOR TO THE RELOCATION OF A. BROADIE
- 2 RELOCATION OF BASE FEED ONLY. WORK SHALL BE PERFORMED WITH MINIMAL DISRUPTION TO THE TENANT.
- 3 FURNITURE AND ELECTRICAL RECONFIGURATION MUST BE COMPLETED PRIOR TO NOTE #4
- 4 FURNITURE CAN BE DEMOLISHED AFTER COMPLETION OF NOTE #3
- 5 FURNITURE SHOULD BE RECONFIGURED TO STANDARD OFFICE PRIOR TO THE RELOCATION OF PAM HUNTER
- 6 AFTER THE COMPLETION OF NOTE #3, ROWMAN WILL RELOCATE TO PERMANENT OFFICE AND DAVIS WILL RELOCATE TO TEMPORARY STATION UNTIL THE COMPLETION OF NOTE #4
- 7 THE COURTS SHALL CLEAR WITH THE LANDLORD THE DISCONTINUANCE OF THE WINDOW FOR MAINTENANCE USE.



1 Stage I - Housing Plan

Scale: 3/32" = 1'-0"



2 Stage II - Housing Plan

Scale: 3/32" = 1'-0"



3 Final Housing Plan

Scale: 3/32" = 1'-0"



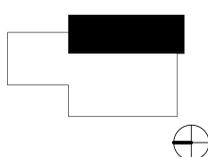
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 Washington DC 20001

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PROJECT  
 Construction Documents for Interior Improvement to:  
 District of Columbia Courts  
 Capital Project and Facilities Management  
 Division  
 Gallery Place  
 616 H Street  
 Washington DC 20001

Project Title  
 Client Name  
 Building Address



ISSUED FOR	DATE
SOLICITATION SUBMISSION	08.25.2014

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

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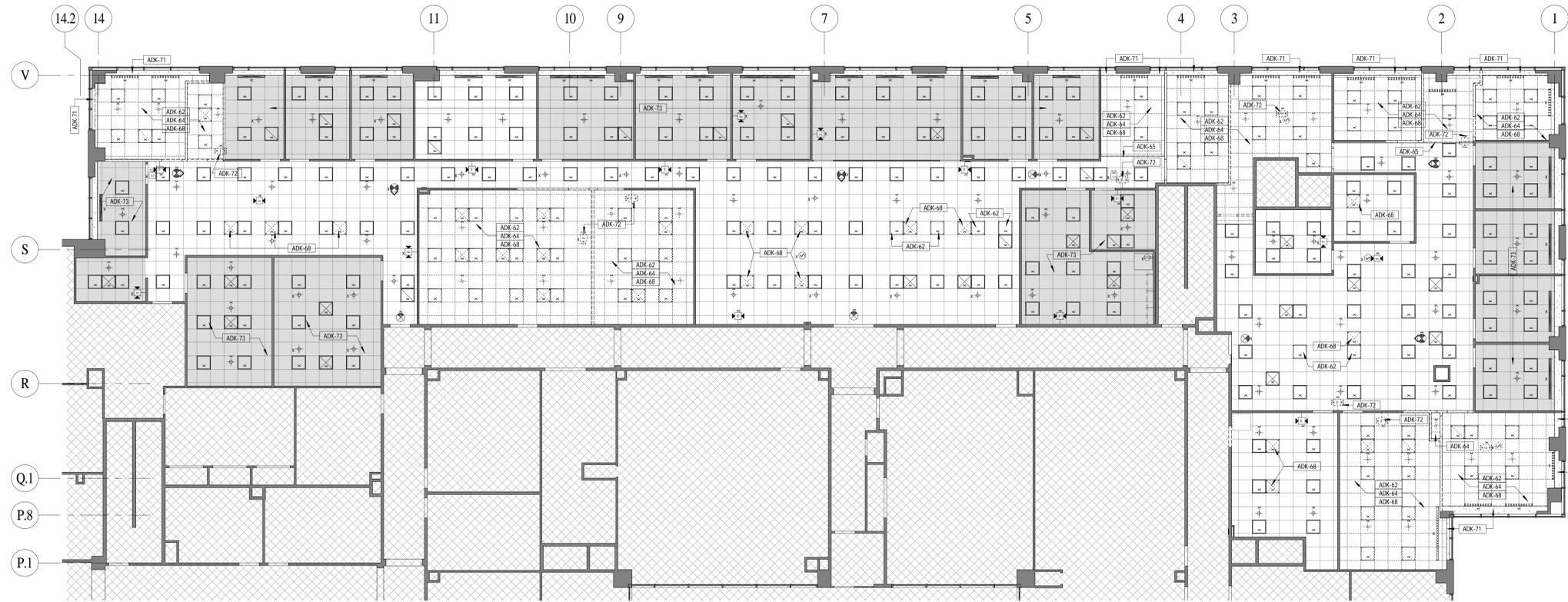
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 Contracting Officer  
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616 H Street (Gallery Place)  
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 Housing Plan

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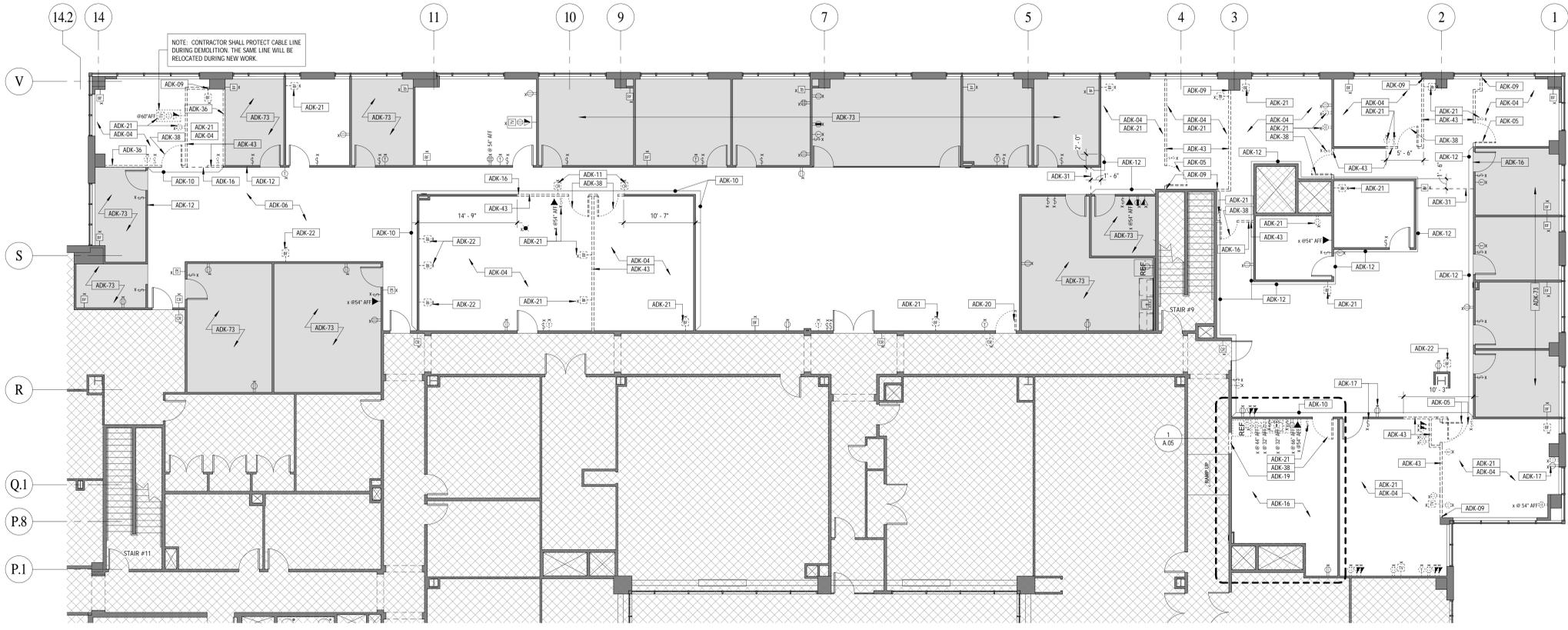
NOT FOR CONSTRUCTION  
 THIS SHEET IS FOR REFERENCE ONLY

031118 Rev. 0  
 15/05/2014 10:46 AM  
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**3 Reflected Ceiling Demolition Plan**  
Scale: 1/8" = 1'-0"

Existing Sprinkler heads should be relocated per code to meet the requirements of the new partition layout.

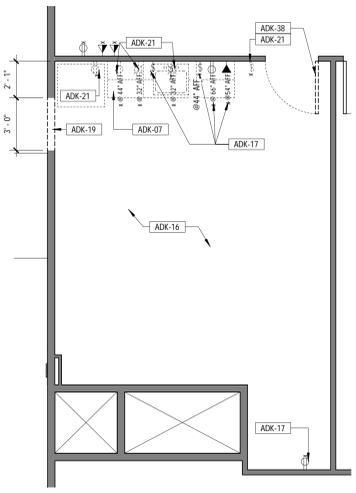


**2 Architectural Demolition Plan**  
Scale: 1/8" = 1'-0"

**Architectural Demolition Keynotes**

Symbol	NOTE
ADK-01	Align
ADK-02	Not In Contract
ADK-03	Existing Construction to Remain
ADK-04	Remove existing finishes, together with all materials incidental thereto, and dispose of as directed by the Owner, including, but not limited to wallcovering, carpet, and bases. Patch and repair substrates in order to provide an acceptable surface for new finishes to be installed as required per the manufacturer's instructions. Verify.
ADK-05	Remove existing doors, frames and all associated hardware. Dispose of as directed by the Owner.
ADK-06	Re-stretch carpet to remove all buckles. Stretching should occur during furniture reconfiguration.
ADK-07	Remove existing countertops and millwork associated with kitchenette unit and all associated equipment. The refrigerator and microwave should be saved for reuse.
ADK-09	Existing exterior windows, walls and gypsum wall board to remain. Patch and repair any damage to existing gypsum wallboard to provide an acceptable surface for new finishes. Typ.
ADK-10	Carefully remove and salvage existing carpet base. Properly store for reuse.
ADK-11	Contractor shall coordinate the removal of existing card reader sensors where applicable with Owners vendor.
ADK-12	Maintain existing carpet base.
ADK-16	Limit of existing construction and finishes to remain. Carefully protect construction and finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "Like-new" conditions. Existing receptacles, switches, and all other miscellaneous electrical devices to remain.
ADK-17	Existing doors, frames and all associated hardware to remain.
ADK-18	Existing doors, frames and all associated hardware to remain.
ADK-19	Remove wall in area indicated for installation of new door as shown on the the Architectural Plan.
ADK-20	Lock and seal door in place.
ADK-21	Remove existing receptacles, switches, and all other miscellaneous devices together with all materials incidental thereto. Store for reuse or dispose of as directed by Owner.
ADK-22	Reconfigure existing furniture base/feet. See PDT plan for new configuration.
ADK-31	Limit of floor finish to remain.
ADK-36	Remove existing gypsum board (inside of New Director's Office Only) down to existing studs. Dispose of any additional wall mounted devices as directed by the Owner. Prepare wall to receive SAFB.
ADK-38	Carefully remove and salvage existing door, frame and all associated hardware as noted, and store for reuse as directed by Owner.
ADK-43	Remove existing wall construction, together with all materials incidental thereto, and dispose of as directed by the Owner.
ADK-62	Carefully remove existing light fixtures - save for reuse as indicated by the reflected ceiling plan - store or dispose of remaining fixtures as directed by the Owner.
ADK-64	Remove existing suspended ceiling assembly, together with all material incidental thereto, to the extent required and dispose of as directed by Owner.
ADK-65	Cut existing ceiling tiles and grid assembly and provide supplemental support as required for installation of new work indicated by the Architectural & Reflected Ceiling Plans.
ADK-68	Remove existing air supply and returns.
ADK-71	Existing ceiling to remain.
ADK-72	Remove existing fire alarm device. Store or dispose of remaining fixtures as directed by Owner.
ADK-73	No Work shall be performed. Contractor shall notify Architect of any existing damage inside project area prior to construction. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "Like-new" conditions.

**1 Enlarged Demolition of Lunch Room**  
Scale: 1/4" = 1'-0"



**District of Columbia Courts**  
Gallery Place - 6th Floor  
616 H Street  
Washington DC 20001

**IBI Group**  
1505 Prince Street, Suite 200  
Alexandria VA 22314 United States  
Tel 703 836 9600  
Fax 703 836 2484

---

MECHANICAL / ELECTRICAL / PLUMBING ENGINEER

**Joseph R. Loring Consulting Engineers**  
1130 Connecticut Ave. NW, Suite 350  
Washington, DC 20036  
T: 202-296-6583  
F: 202-296-6953

**Construction Documents for Interior Improvement to:**  
**District of Columbia Courts Gallery Place - 6th Floor**  
**District of Columbia Courts**  
**Capital Project and Facilities Management**  
**Division**  
**Gallery Place**  
**616 H Street**  
**Washington DC 20001**

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PROJECT

REVISION

SUBMISSION

REVISIONS

TITLE

SHEET

ISSUED FOR SOLICITATION SUBMISSION

APPROVALS

NO.	DESCRIPTION	DATE	BY

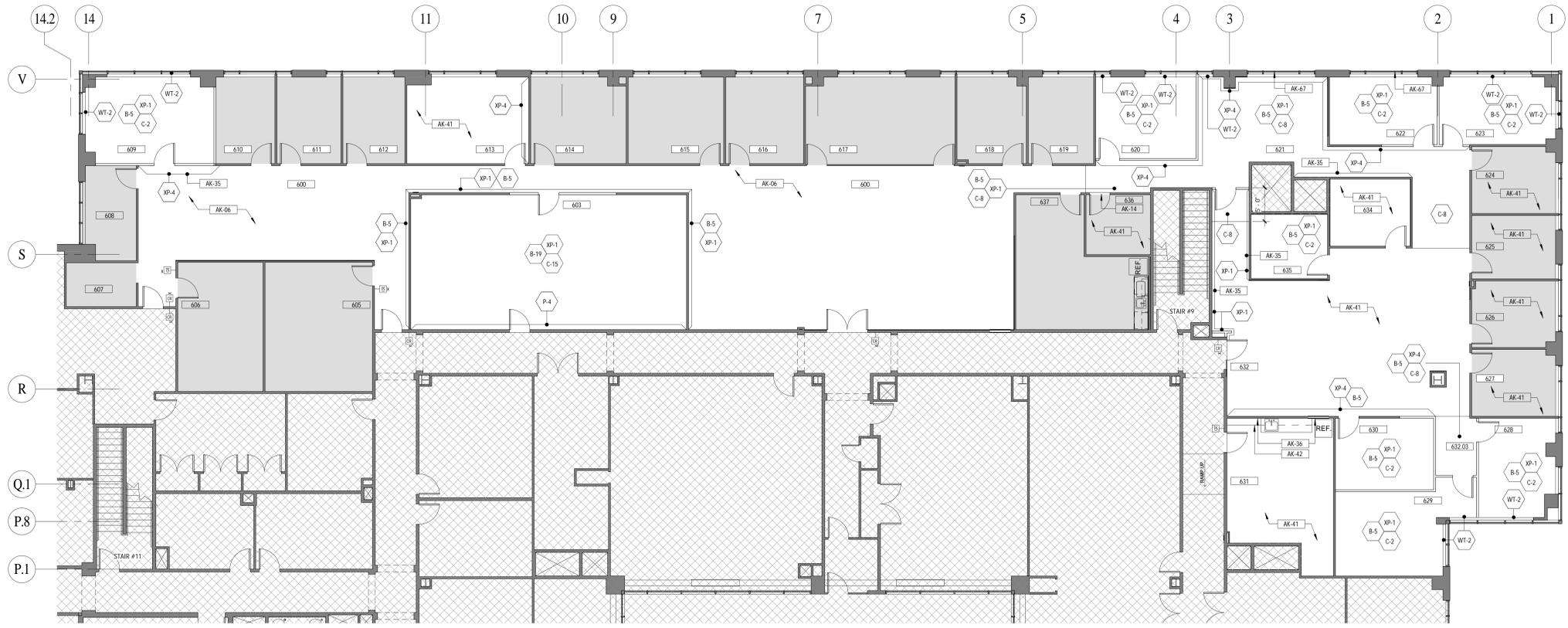
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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Project and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

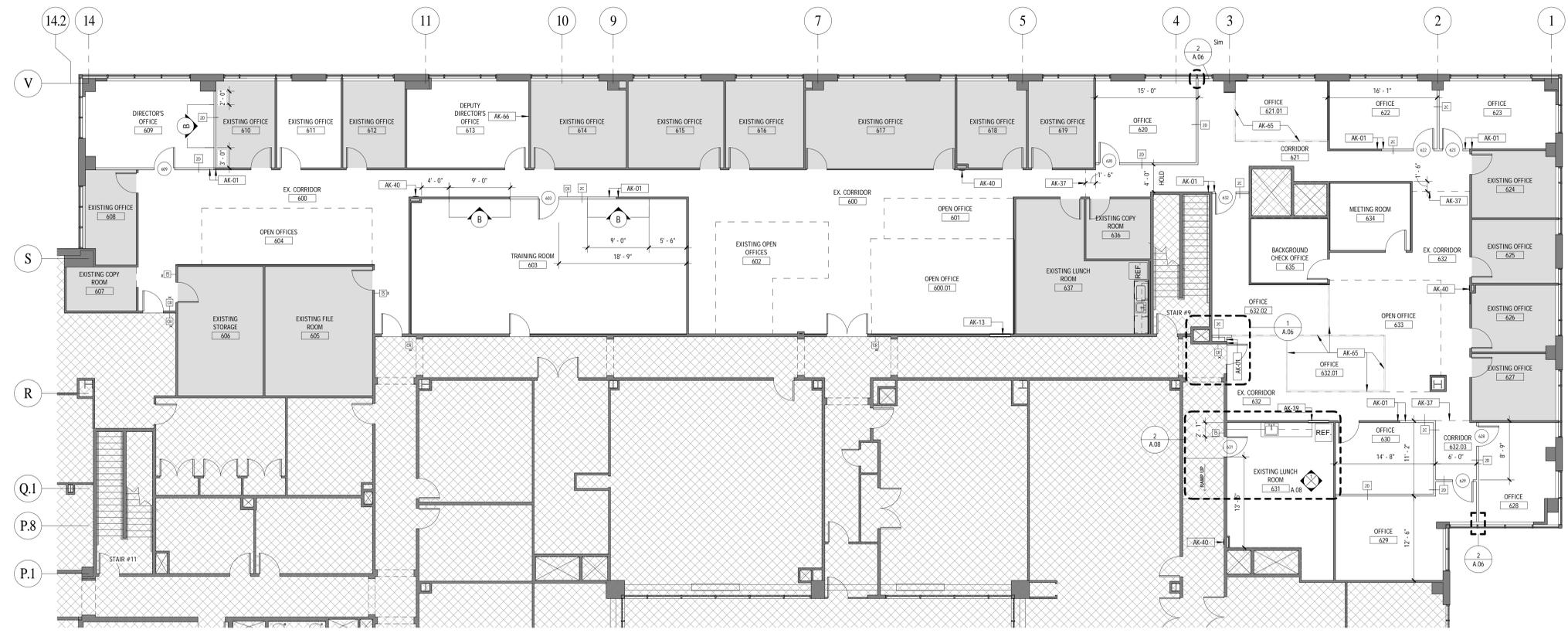
**616 H Street (Gallery Place)**  
**6th Floor**  
**Demolition Plans**

Date: 08.11.14  
Scale: As Indicated  
Checked by: WJP, PB  
Drawn by: AD  
Planned by: VV

Contractor to verify dimensions on site. Do not scale this drawing.



4 Finish Plan - 6th Floor - East  
Scale: 1/8" = 1'-0"



3 Architectural Plan - 6th Floor - East  
Scale: 1/8" = 1'-0"

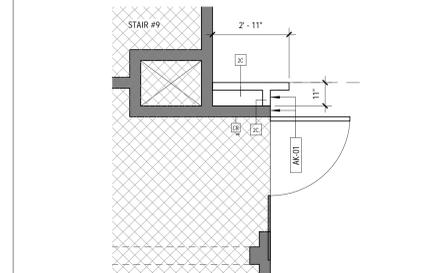
Architectural Keynotes

Symbol	NOTE
AK-01	Align.
AK-02	Not In Contract.
AK-05	Existing doors, frames and all associated hardware to remain.
AK-06	Re-stretch carpet to remove all buckles. Stretching should occur during furniture reconfiguration.
AK-13	Lock and seat door in place.
AK-14	Existing Transition Strip.
AK-35	Reuse existing salvaged carpet base.
AK-36	Provide new base and paint to match existing. The existing paint is Crafton #97-35 and the existing base is All State #07.
AK-37	Limit of existing construction and finishes to remain. Carefully protect construction and finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "like-new" conditions. Install Transition Strip. See Door Schedule for details.
AK-38	Infill existing door opening to match construction of existing adjacent wall. Tape, sand and paint so as to be indistinguishable from surrounding surfaces.
AK-40	Fire extinguisher and cabinet.
AK-41	Existing finishes to remain UNO - Carefully protect finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "like-new" conditions.
AK-42	Provide new flooring (as necessary) due to relocation of pantry. New flooring should match existing VCT.
AK-62	New ceiling assembly to match and align with existing ceiling assembly. Patch and repair existing ceiling assembly as necessary so as to be indistinguishable from new ceiling assembly.
AK-65	Ceiling High Furniture Partitions
AK-66	Protect cable line. Move all Electrical devices to one plate. Patch/Repair existing hole in wall. Prepare surface for new paint.
AK-67	Protect Existing Blinds during construction.

2 Detail @ Mullion  
Scale: 3/4" = 1'-0"



1 Enlarged Plan @ Entry 632  
Scale: 3/8" = 1'-0"



District of Columbia Courts  
Gallery Place - 6th Floor  
Gallery Place  
616 H Street  
Washington DC 20001

IBI Group  
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Architect & Engineer Name & Logo

Mechanical / Electrical / Plumbing Engineer  
Joseph R. Loring Consulting Engineers  
1130 Connecticut Ave. NW, Suite 750  
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Construction Documents for Interior Improvement to:  
District of Columbia Courts Gallery Place - 6th Floor  
District Of Columbia Courts  
Capital Project and Facilities Management  
Division  
Gallery Place  
616 H Street  
Washington DC 20001

Project Title	Client Name	Building Address

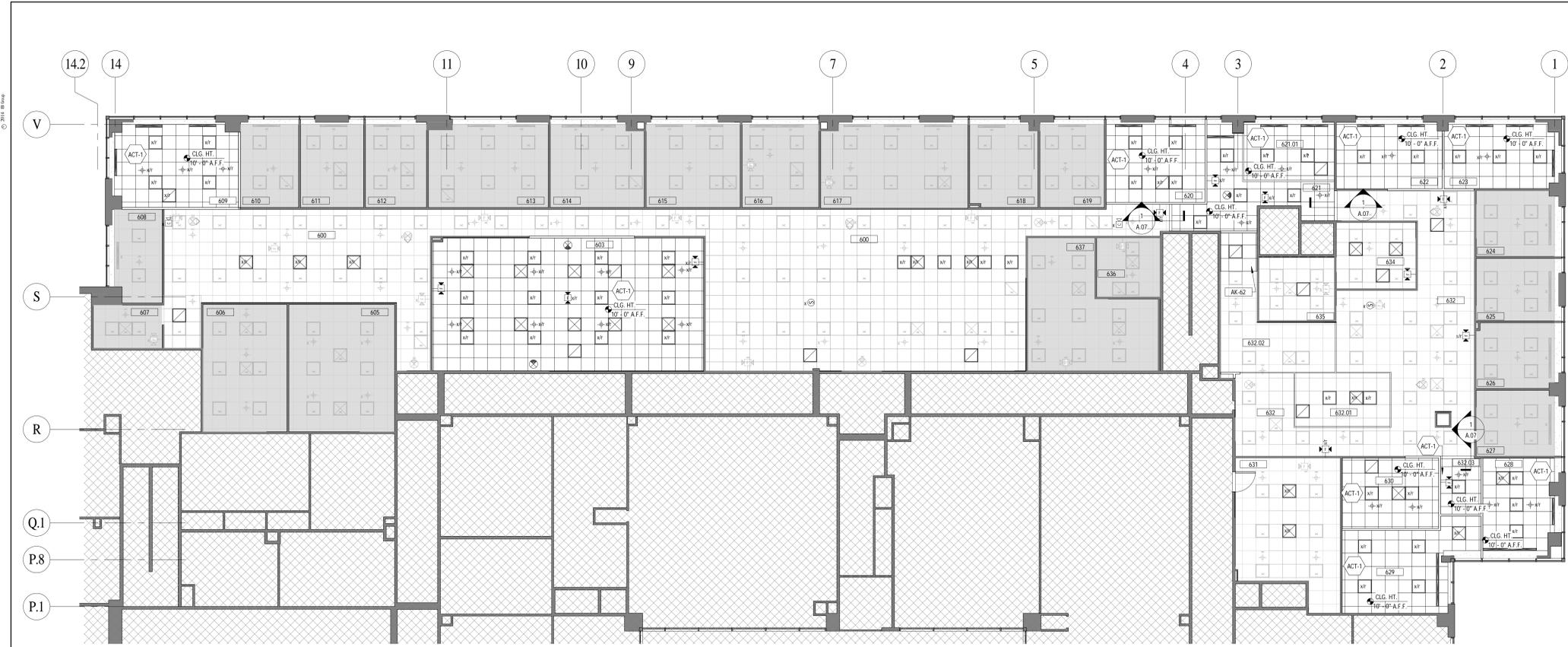
ISSUED FOR	DATE		
SOLICITATION SUBMISSION	08.25.2014		
APPROVALS	DATE		
NO.	DESCRIPTION	DATE	BY

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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Project and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
6th Floor  
New Work Architectural & Finish Plans

Date: 08.11.14  
Scale: As Indicated  
Checked by: Checker  
Drawn by: Author  
Planned by: Designer



3 Reflected Ceiling Plan - 6th Floor - East  
Scale: 1/8" = 1'-0"

### Architectural Keynotes

Symbol	NOTE:
AK-01	Align.
AK-02	Not In Contract.
AK-05	Existing doors, frames and all associated hardware to remain.
AK-06	Re-stretch carpet to remove all buckles. Stretching should occur during furniture reconfiguration.
AK-13	Lock and seal door in place.
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AK-35	Reuse existing salvaged carpet base.
AK-36	Provide new base and paint to match existing. The existing paint is Crafton #97-35 and the existing base is All State #07.
AK-37	Limit of existing construction and finishes to remain. Carefully protect construction and finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "like-new" conditions. Install Transition Strip. See Door Schedule for details.
AK-39	Infill existing door opening to match construction of existing adjacent wall. Tape, sand and paint so as to be indistinguishable from surrounding surfaces.
AK-40	Fire extinguisher and cabinet.
AK-41	Existing finishes to remain UNO - Carefully protect finishes to remain throughout the course of the Work. Repair or replace all finishes damaged as a result of the Work so as to be indistinguishable from "like-new" conditions.
AK-42	Provide new flooring (as necessary) due to relocation of pantry. New flooring should match existing VCT.
AK-62	New ceiling assembly to match and align with existing ceiling assembly. Patch and repair existing ceiling assembly as necessary so as to be indistinguishable from new ceiling assembly.
AK-65	Ceiling High Furniture Partitions
AK-66	Protect cable line. Move all Electrical devices to one plate. Patch/Repair existing hole in wall. Prepare surface for new paint.
AK-67	Protect Existing Blinds during construction.

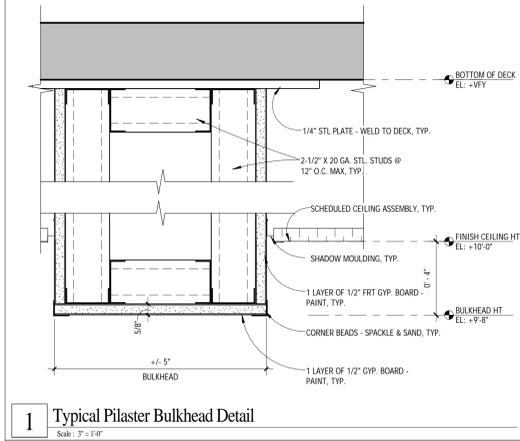
District of Columbia Courts  
Gallery Place - 6th Floor  
616 H Street  
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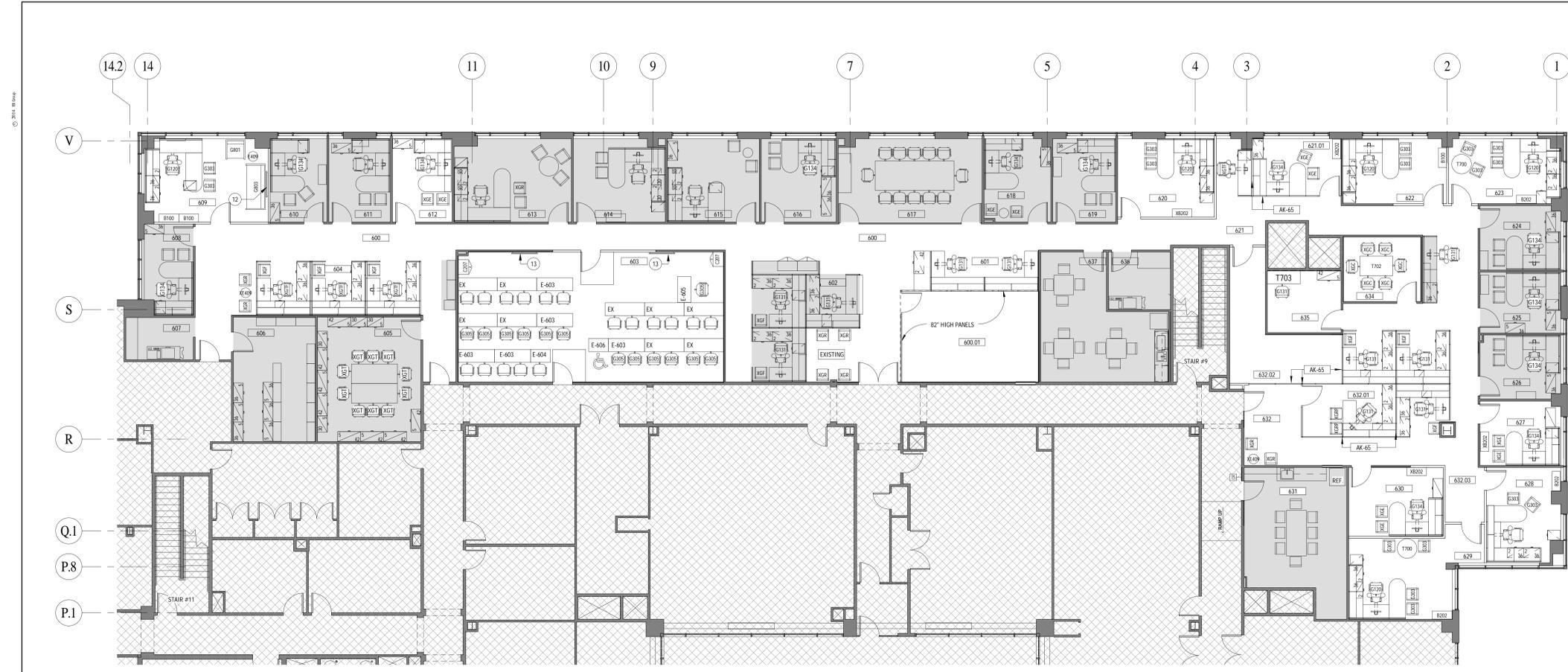
2 PDТ Plan - 6th Floor - East  
Scale: 1/8" = 1'-0"



1 Typical Pilaster Bulkhead Detail  
Scale: 3/4" = 1'-0"

Construction Documents for Interior Improvement to:  
 District of Columbia Courts Gallery Place - 6th Floor  
 District Of Columbia Courts  
 Capital Project and Facilities Management  
 Division  
 Gallery Place  
 616 H Street  
 Washington DC 20001

PROJECT		DATE	
Project Title	Client Name	ISSUED FOR	DATE
District of Columbia Courts Gallery Place - 6th Floor	District of Columbia Courts Capital Project and Facilities Management Division	SOLICITATION SUBMISSION	08.25.2014
Building Address		APPROVALS	DATE
616 H Street Washington DC 20001			
REVISIONS		DATE	
NO.	DESCRIPTION	DATE	BY
<p>This drawing and the design shown hereon are the property of IBI Group formerly Geacem Services. The reproduction, copying, or other use of the drawing without their written consent is prohibited and any infringement will be subject to legal action.</p> <p>Accepted By: Joseph E. Sanchez, Jr. Capital Project and Facilities Management Officer Constructing Officer District of Columbia Courts</p>			
<p><b>616 H Street (Gallery Place) 6th Floor New Work RCP &amp; PDТ Plans</b></p>			
<p>Date: 08.11.14 Scale: As Indicated Checked by: WJP, PB Drawn by: AD Planned By: AD</p>			



### Architectural Keynotes

Symbol	NOTE
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AK-05	Existing doors, frames and all associated hardware to remain.
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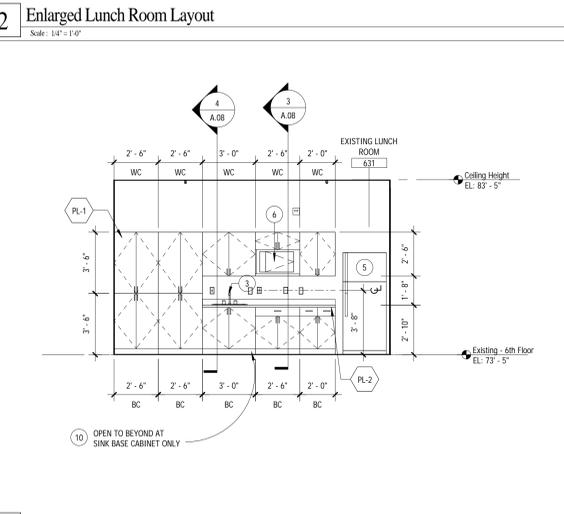
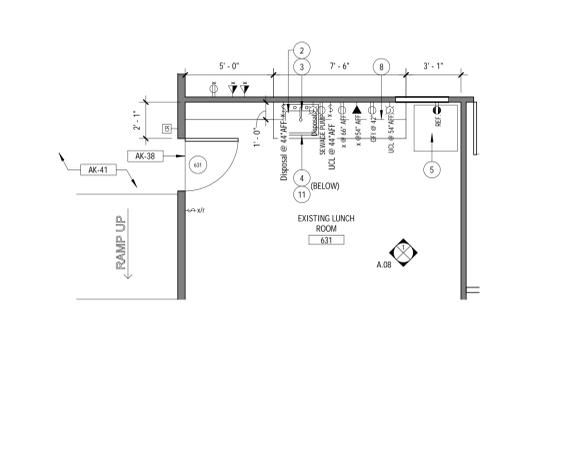
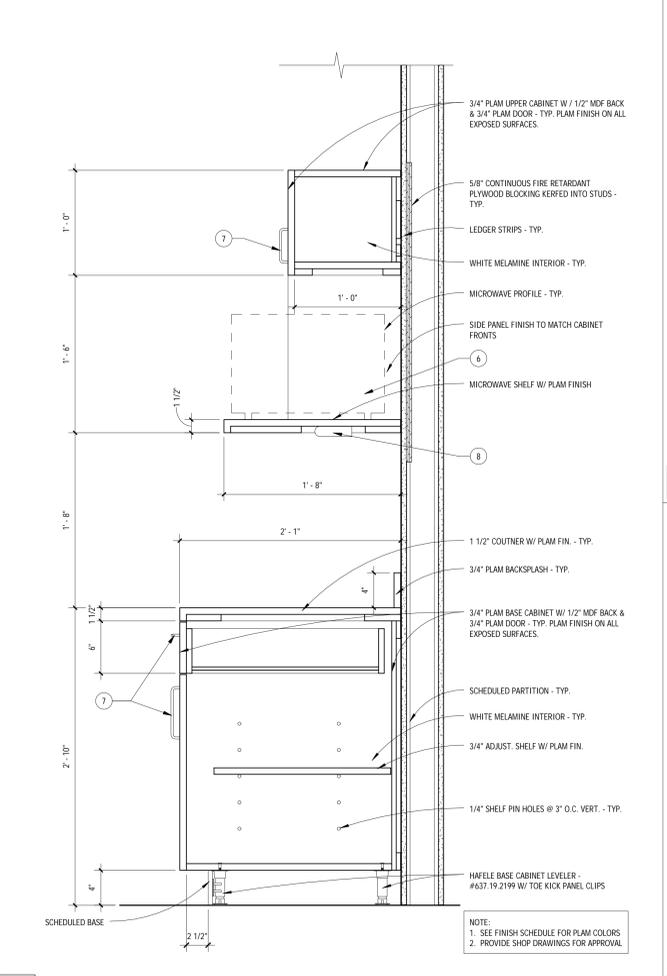
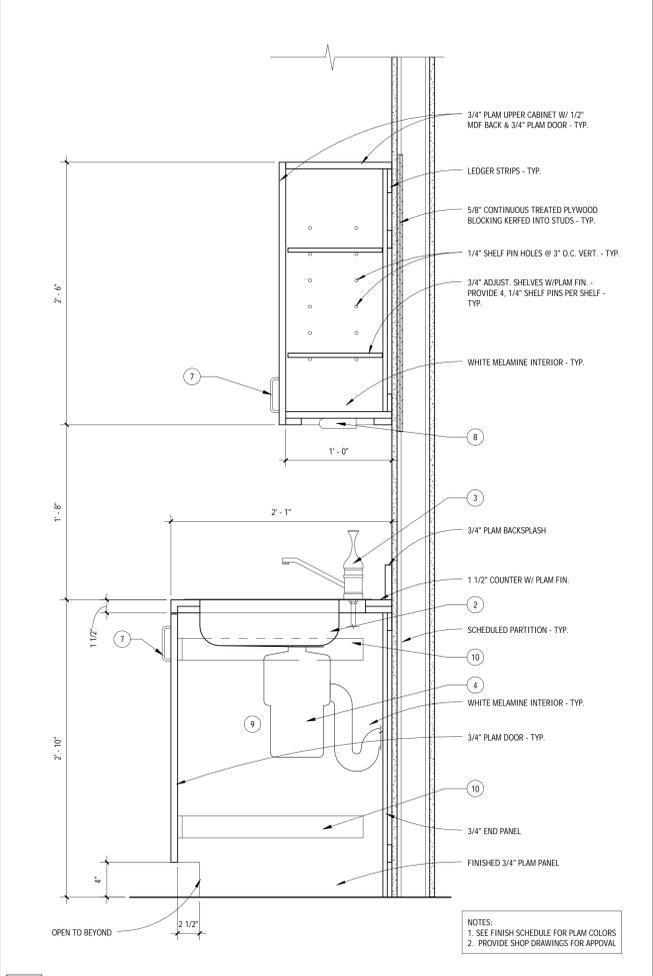
**District of Columbia Courts**  
**Gallery Place - 6th Floor**  
 Gallery Place  
 616 H Street  
 Washington DC 20001

**IBI GROUP**

**IBI Group**  
 1505 Prince Street, Suite 200  
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 F: 202-296-6953

**5** New Work Spaceplan - 6th Floor - East  
 Scale: 1/8" = 1'-0"



### Equipment Schedule

Designation:	Description:	Manufacturer:	Model #:	Remarks:
1	NOT USED	N/A	N/A	N/A
2	KITCHEN SINK	ELKAY	GE02521 SERIES	4 DRILLED HOLES
3	KITCHEN FAUCET	DELTA	400LF-HDF (WITH SPRAY)	SINGLE LEVER KITCHEN FAUCET
4	GARBAGE DISPOSAL	INSINKERATOR	EVOLUTION SERIES - EVOLUTION COMPACT	N/A
5	REFRIGERATOR	EXISTING	EXISTING	REUSE EXISTING REFRIGERATOR
6	MICROWAVE	EXISTING	EXISTING	REUSE EXISTING MICROWAVE
7	DRAWER / CABINET PULLS	MOCKETT	#DP57B	4 5/32" WIRE PULLS
8	UNDER CABINET TASK LIGHTING	ALICO	LINC100-130 (L3A) LINC100-L28 (L3B)	PROVIDE (1) L3A FIXTURE UNDER 30" CABINET PROVIDE (2) L3A FIXTURES UNDER 24" CABINET
9	UNDER SINK PROTECTION	PLUMBEREX	PRO-EXTREME	N/A
10	SINK BASE DOOR SLIDE	KNIPPE & VOGT	BB82 PIVOT DOOR SLIDE	FOR ADA USE
11	SEWAGE EJECTOR	LITTLE GIANT PUMP CO.	WRS-9EN	SEE PLUMBING DRAWINGS.

### Audio Visual Equipment Schedule

Designation:	Description:	Manufacturer:	Model #:	Remarks:
12	LED TV	LG	42LN6400	42" CLASS 1080P 12-HZ HDTV SWING-OUT ARM - PREMIER MOUNTS AM-175
13	SHARP AQUOS BD INTERACTIVE DISPLAY SYSTEMS	SHARP AQUOS BD	PN-L7028 70" CLASS	ALSO PROVIDE PN-ZB-01 EXPANSION BOARD & EXTENDED USB TOUCH SCREEN CONNECTION CABLE TV TUNER / SET TOP BOX TO BE COORDINATED WITH THE COURTS CONTRACTOR TO PROVIDE PROPER MOUNTING HARDWARE

**Construction Documents for Interior Improvement to:**  
**District of Columbia Courts Gallery Place - 6th Floor**  
**Capital Project and Facilities Management Division**  
 Gallery Place  
 616 H Street  
 Washington DC 20001

PROJECT TITLE: District of Columbia Courts Gallery Place - 6th Floor  
 CLIENT NAME: Capital Project and Facilities Management Division  
 BUILDING ADDRESS: Gallery Place, 616 H Street, Washington DC 20001

ISSUED FOR SOLICITATION SUBMISSION DATE: 08.25.2014

APPROVALS:

NO.	DESCRIPTION	DATE	BY

DATE: 08.11.14  
 SCALE: As Indicated  
 CHECKED BY: WJP/PB  
 DRAWN BY: AD  
 PLANNED BY: AD

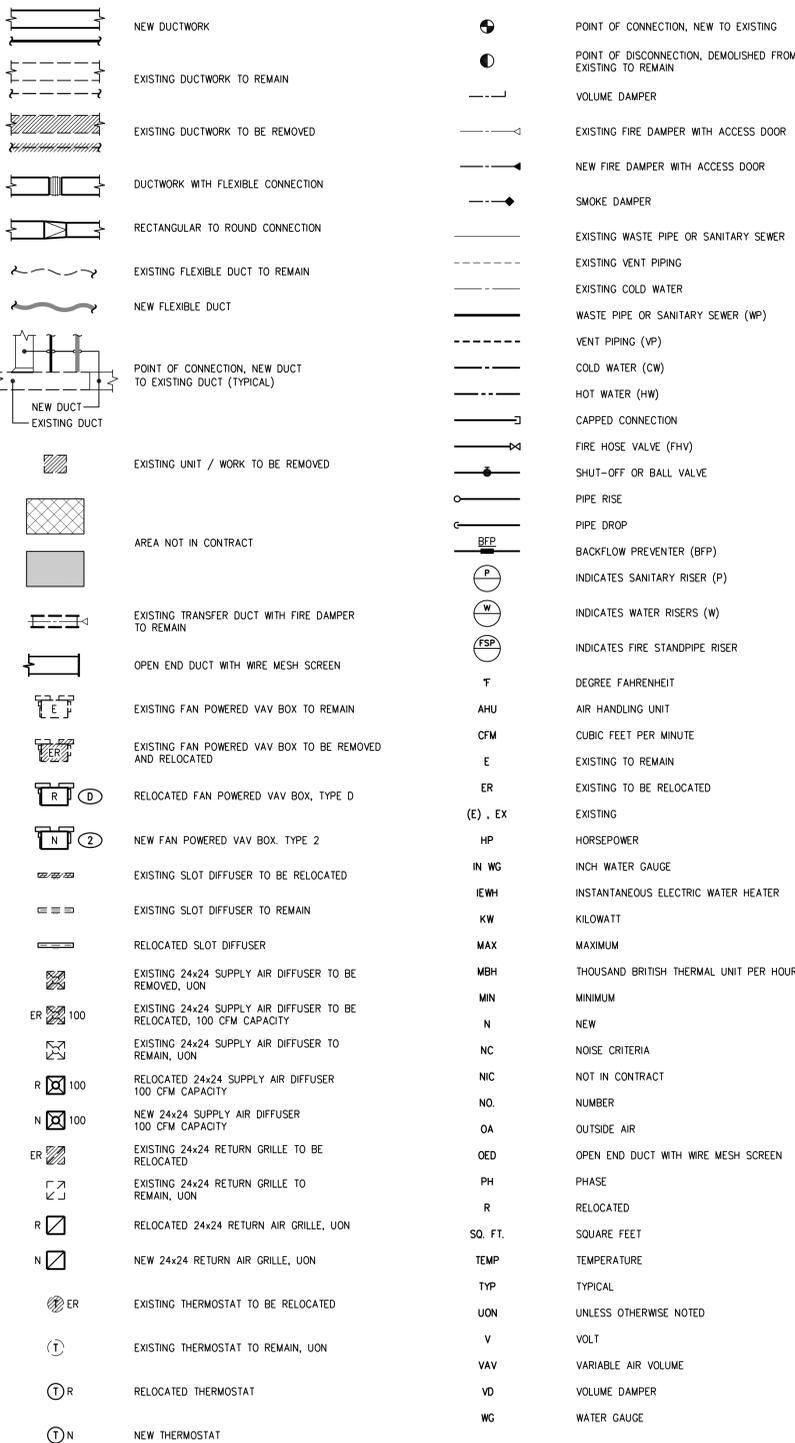
**MECHANICAL GENERAL NOTES**

- THE INTENT OF THESE DRAWINGS IS TO PROVIDE A COMPLETE AND PROPERLY FUNCTIONING HVAC SYSTEM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES NECESSARY FOR A COMPLETE INSTALLATION OF THE MECHANICAL SYSTEM INDICATED ON THE DRAWINGS AND NOTED IN HEREINAFTER. CONTRACTOR IS OBLIGATED TO EXAMINE PLANS. ANY OBSERVED FAULTS OR AMBIGUITY IN THIS PLAN SET SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY, SO THAT THE MATTER MAY BE RESOLVED PRIOR TO SUBMISSION OF BIDS. BY SUBMISSION OF BID, THE CONTRACTOR SHALL ACKNOWLEDGE ACCEPTANCE OF THIS PLAN SET AS AN ADEQUATE DEFINITION OF THE SCOPE OF WORK AND EXTRA COST CLAIMS BASED ON INADEQUACY OF PLANS WILL NOT BE CONSIDERED.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO MAKING A PROPOSAL AND INFORM THE ARCHITECT IN WRITING OF ANY EXISTING CONDITIONS THAT IN HIS OPINION PREVENT SUCCESSFUL COMPLETION OF THE WORK AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION, JOB-SITE MEETING PRIOR TO ANY DEMOLITION TO SCHEDULE WORK WITH THE BUILDING MANAGEMENT.
- THE CONTRACTOR SHALL FURNISH FULL SIZE COPIES OF MEP AS-BUILT DRAWINGS AS REQUIRED BY THE OWNER.
- ALL WORK ON THIS PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
- CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS AND ARRANGE FOR INSPECTIONS BY LOCAL AUTHORITIES HAVING JURISDICTION.
- MECHANICAL CONTRACTOR SHALL THOROUGHLY CLEAN HIS WORK AREA DAILY OR AS DIRECTED BY THE GENERAL CONTRACTOR OR OWNER. MECHANICAL CONTRACTOR SHALL ALSO REMOVE ALL HIS TRASH AND DEBRIS AFTER THE COMPLETION OF THE WORK.
- THE WORK DETAILED ON THESE PLANS IS BASED ON PREVIOUSLY PREPARED TENANT FIT-UP/BASE DRAWINGS. WHERE EXISTING FIELD CONDITIONS ARE DIFFERENT THAN SHOWN, THE CONTRACTOR SHALL ADVISE THE ARCHITECT OF DISCREPANCIES WHICH WILL AFFECT THE PROPOSED WORK PRIOR TO BEGINNING THE WORK.
- SYMBOLS SHOWN ON SCHEDULES DEFINE TYPE OF EQUIPMENT ONLY. CONTRACTOR IS RESPONSIBLE FOR RESEARCHING DRAWINGS FOR EXACT QUANTITIES REQUIRED OF EACH TYPE.
- THESE DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO DEPICT THE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. CONSULT ARCHITECTURAL PLANS TO VERIFY LOCATION OF WALLS, ETC. CONTRACTOR SHALL EXAMINE ALL CONTRACT DRAWINGS RELATED TO THIS AND OTHER TRADES AND SHALL BE FULLY INFORMED AS TO THE EXTENT OF THIS CONTRACT AND ALL INCLUDED WORK ON PLANS FOR OTHER TRADES.
- QUALITY OF MATERIALS SHALL BE NEW, BEST OF THEIR RESPECTIVE KIND, FREE FROM DEFECTS AND LISTED BY ARI OR APPROPRIATE TESTING AGENCY.
- THE MECHANICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HVAC WORK WITH EXISTING CONDITIONS AND THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO AVOID MINOR CONFLICTS. WHEN MAJOR CONFLICTS ARE APPARENT, THE ARCHITECT SHALL BE ADVISED IMMEDIATELY, AND AFFECTED WORK SHALL NOT BE INSTALLED UNTIL THE CONFLICT HAS BEEN RESOLVED.
- DO NOT SUPPORT ANY CEILING OR OTHER BUILDING STRUCTURE FROM DUCTWORK OR PIPES. DO NOT ALLOW DUCTS, PIPES OR CONDUITS TO DIRECTLY COME IN CONTACT WITH BUILDING WALLS OR FLOORS.
- CEILING SPACE ABOVE HUNG CEILING SHALL BE USED AS RETURN AIR PLENUM. ALL EQUIPMENT AND MATERIAL TO BE LOCATED IN THE RETURN AIR PLENUM CEILING SHALL BE PLENUM RATED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
- PROVIDE CODE APPROVED SAFING AROUND ALL PIPING AND DUCTWORK PENETRATIONS THROUGH BUILDING CONSTRUCTION TO MAINTAIN FIRE, SMOKE AND SOUND RATINGS.
- ALL MECHANICAL EQUIPMENT AND DEVICES SHALL BEAR THE LABEL OF AN APPROVED TESTING AGENCY AND SHALL BE APPROVED FOR THE PROPOSED USE AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- CONTRACTOR SHALL VERIFY ALL POINTS OF CONNECTIONS BEFORE COMMENCING WORK.
- ALL NECESSARY ALLOWANCES AND PROVISIONS SHALL BE MADE BY THIS CONTRACTOR FOR BEAMS, COLUMNS OR OTHER OBSTRUCTIONS OF THE BUILDING OR THE WORK OF OTHER CONTRACTORS, WHETHER OR NOT SAME IS INDICATED. WHERE NECESSARY TO AVOID OBSTRUCTIONS, THE DUCTS SHALL BE TRANSFORMED, OFFSET, RAISED OR LOWERED WITH THE REQUIRED FREE AREA BEING MAINTAINED.
- DUCTWORK SHALL BE INSTALLED TIGHT TO UNDERSIDE OF BUILDING STRUCTURE. ADJUST DUCT ELEVATION TO MAINTAIN DUCT TIGHT TO BOTTOM OF STRUCTURE WHERE STRUCTURE ELEVATIONS CHANGE. ALL DUCT PENETRATION THROUGH SLAB HIGH PARTITION SHALL BE SEALED.
- ALL UNUSED OPENINGS ON DUCTWORK AND VAV BOX DISCHARGED PLENUM/DUCT SHALL BE CAPPED AND SEALED AIR TIGHT USING SHEET METAL, SCREWS AND DUCT SEALANT. ANY DUCTWORK EXPOSED DURING CONSTRUCTION MUST BE REPAIRED AND SEALED IF HOLES OR PENETRATIONS ARE MADE.
- CONTRACTOR SHALL REPAIR ANY LEAK IN ANY DUCTWORK FOUND DURING BALANCING OF THE AIR SYSTEM.
- PATCH AND REPAIR ALL EXISTING DAMAGED DUCT INSULATION AND SEAL VAPOR PROOF AS REQUIRED.
- NO COMBUSTIBLE MATERIALS SHALL BE ALLOWED IN AIR PLENUM.
- ANY DUCT, PIPE, CONDUIT, CABLE, ETC. THAT IS VISIBLE ABOVE A CEILING GRILLE SHALL BE PAINTED USING A FLAT BLACK PAINT.
- ALL EXISTING FAN POWERED BOXES AND HEATING COILS IN THE AREA OF WORK SHALL BE RECALIBRATED AND TESTED FOR LEAKS OR DAMAGES. SEAL OPEN JOINT AND SEAM TO KEEP VAV BOX AIR TIGHT WITH HIGH PRESSURE DUCT SEALANT AND TAPE. REMOVE/REPLACE ANY DEFECTIVE UNIT FOUND AND SHALL BE REPORTED TO THE BUILDING ENGINEER.
- PROTECT ALL EXISTING BASE BUILDING AIR HANDLING UNITS WITH CONSTRUCTION FILTER OVER THE RETURN AIR OPENINGS. CONTRACTOR SHALL CHANGE FILTERS AS NEEDED OR AS DETERMINED BY THE BUILDING ENGINEER.
- ALL THERMOSTATS IN THE AREA OF WORK SHALL BE TESTED AND CALIBRATED FOR WINTER/SUMMER OPERATION. COORDINATE CALIBRATION WITH THE BUILDING ENGINEER. THERMOSTAT SHALL BE BASE BUILDING STANDARD. NO THERMOSTAT SHALL BE LOCATED ABOVE HEAT PRODUCING OFFICE EQUIPMENT. COORDINATE THE LOCATION OF SUCH EQUIPMENT PRIOR TO PLACEMENT OF THE THERMOSTAT.

**MECHANICAL/PLUMBING SPECIFICATIONS**

- ALL MATERIAL AND WORK SHALL CONFORM WITH THE BASE BUILDING SPECIFICATION AND STANDARD. CONTRACTOR SHALL OBTAIN A COPY OF THE BASE BUILDING SPECIFICATION FROM THE OWNER.
- FLEXIBLE DUCTWORK SHALL BE NEW AND BE U.L. 181 CLASS 1 INSULATED TYPE FLEXIBLE AIR DUCT. FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 6 FEET IN LENGTH. WHERE FLEXIBLE DUCT LENGTH WILL EXCEED 6 FEET, RIGID ROUND DUCT SHALL BE USED TO KEEP THE FLEXIBLE DUCT TO UNDER 6 FEET. DUCTWORK SHALL BE CONNECTED TO LOW PRESSURE DUCT THROUGH AIR TIGHT COLLARS WITH GASKETS AND VOLUME DAMPERS. FLEXIBLE DUCT SIZE SHALL BE THE SAME AS DIFFUSER NECK SIZE. FLEXIBLE DUCT SHALL NOT PASS THROUGH SLAB TO SLAB PARTITIONS. WHERE FLEXIBLE DUCTS ARE SHOWN TO PASS THROUGH PARTITIONS, PROVIDE ROUND RIGID DUCT OF SAME SIZE. PROVIDE TRANSITIONS AND ACCESSORIES REQUIRED TO CONNECT TO AND FROM RIGID DUCT. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF SLAB TO SLAB PARTITIONS.
- ALL NEW DUCTWORK SHALL BE FABRICATED FROM GALVANIZED SHEET METAL (G90) IN ACCORDANCE WITH LATEST SMACNA DUCT CONSTRUCTION STANDARDS. LOW PRESSURE DUCTWORK DOWNSTREAM OF VAV BOX SHALL BE SUITABLE FOR MINIMUM 2" WG PRESSURE. SEAL CLASS A. MEDIUM PRESSURE DUCTWORK UPSTREAM OF VAV BOX SHALL BE SUITABLE 3" WG PRESSURE. SEAL CLASS A.
- PROVIDE 1" THICK DUCT LINING WITH AVERAGE DENSITY OF NOT LESS THAN 1 1/2 LB/CUBIC FEET. SOUND LINE ENTIRE LENGTH OF ALL NEW DUCTWORKS. EXTERNALLY INSULATE ALL NEW MEDIUM PRESSURE SUPPLY AIR DUCT WITH 1 1/2" UL LISTED FIBERGLASS INSULATION WITH VAPOR BARRIER. WHERE THE DUCTS ARE INTERNALLY INSULATED, EXTERNAL INSULATION IS NOT REQUIRED. INSULATION TO BE PROVIDED SHALL CONFORM IN ACCORDANCE WITH ASTM E84, 25/50. SOUND LINE ALL NEW SUPPLY AND TRANSFER AIR DUCTS.
- ALL DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- PROVIDE AIR TURNING DEVICES IN DUCTWORK AT ANY CHANGES IN DIRECTION OF 45 DEGREE OR GREATER.
- ALL DUCTWORK SHALL BE SUSPENDED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LATEST SMACNA DUCT CONSTRUCTION STANDARDS. SUPPORT DIFFUSERS AND ALL MECHANICAL EQUIPMENT FROM BEAM OR SLAB ABOVE.
- SUBMIT EQUIPMENT SHOP DRAWINGS FOR APPROVAL. NO MATERIAL OR EQUIPMENT MUST BE DELIVERED TO THE JOB SITE OR INSTALLED UNTIL THE APPROVED SHOP DRAWINGS FOR THE PARTICULAR MATERIAL OR EQUIPMENT HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER.
- DAMPERS SHALL MEET THE REQUIREMENTS OF NFPA90A, 92A AND 92B AND SHALL BE CLASSIFIED AS SMOKE DAMPERS IN ACCORDANCE WITH THE LATEST VERSION OF UL555S. THE LEAKAGE RATING IN ACCORDANCE WITH UL555S SHALL BE LEAKAGE CLASS 2. THE DAMPERS SHALL BE AMCA LICENSED FOR AIR PERFORMANCE AND SHALL BEAR THE AMCA CERTIFIED RATINGS SEAL. ALSO, THE DAMPERS AND THEIR ACTUATORS SHALL BE RATED FOR TEMPERATURE OF 250 °F. DAMPER FRAME SHALL BE CONSTRUCTED OF UNIFRAME DESIGN CONCEPT (UDC) AND SHALL BE MINIMUM 16 GAGE GALVANIZED STEEL FORMED INTO A STRUCTURAL HAT CHANNEL REINFORCED AT CORNERS. DAMPER BLADES SHALL BE SINGLE SKIN GALVANIZED STEEL 16 GAGE MINIMUM WITH THREE LONGITUDINAL GROOVES FOR REINFORCEMENT. BEARINGS SHALL BE STAINLESS STEEL SLEEVE TURNING IN AN EXTRUDED HOLE IN THE FRAME. BLADE EDGE SEALS SHALL BE INFLATABLE SILICONE COATED FIBERGLASS AND GALVANIZED STEEL MECHANICALLY LOCKED INTO BLADE EDGE (ADHESIVE OR CLIP ON SEALS NOT ACCEPTABLE). JAMB SEALS SHALL BE STAINLESS STEEL COMPRESSION TYPE.
- PLUMBING PIPING: DOMESTIC WATER PIPING SHALL BE ASTM B 88, TYPE L COPPER TUBE WITH ASME B16.18 CAST COPPER OR ASME B16.22 WROUGHT COPPER SOLDER JOINT FITTINGS IN ACCORDANCE WITH COPPER DEVELOPMENT ASSOCIATION PROCEDURES. USE LEAD-FREE SOLDER. SHUT-OFF VALVES SHALL BE APOLLO OR WATTS MSS SP-110, 600 PSI CMP, TWO-PIECE, FULL PORT BRONZE BALL VALVE. GRAVITY WASTE AND VENT PIPING SHALL BE STANDARD WEIGHT CAST IRON WITH NO-HUB FITTINGS OR HARD COPPER DRAINAGE TUBE WITH COPPER, SOLDER JOINT DRAINAGE FITTINGS. SANITARY FORCED MAIN PIPING SHALL BE HARD COPPER TYPE 'L' AND COPPER PRESSURE SOLDER JOINT FITTINGS.
- ALL CONTROL WORK SHALL CONFORM TO BASE BUILDING STANDARD AND SHALL BE INTERLOCKED WITH BUILDING AUTOMATION SYSTEM. CONTROL WORK SHALL BE DONE BY THE SAME BASE BUILDING CONTROL CONTRACTOR. COORDINATE REQUIREMENT WITH BUILDING ENGINEER/OWNER. ALL CONTROL WORK INCLUDING SEQUENCE OF OPERATION SHALL CONFORM TO BASE BUILDING STANDARD. CONTRACTOR SHALL OBTAIN A COPY OF THE BASE BUILDING SPECIFICATION FOR REFERENCE AND USE.
- AFTER COMPLETION OF THE DUCTWORK AND PRIOR TO ACCEPTANCE BY THE TENANT, AIR HANDLING APPURTENANCES SHALL BE ADJUSTED AND BALANCED TO DELIVER THE AIR QUANTITIES AND WATER FLOW SHOWN USING APPROPRIATE NEBB PROCEDURES. OBTAIN THE SERVICES OF AN INDEPENDENT TESTING AGENCY THAT IS CERTIFIED BY THE NATIONAL ENVIRONMENTAL BALANCING BUREAU. PROVIDE ALL NECESSARY ACCESSORIES FOR DUCTWORK AND PIPING TO ALLOW PROPER AIR AND WATER BALANCE. BALANCE TENANT AIR SYSTEMS TO QUANTITIES INDICATED UNDER THE SUPERVISION OF A REGISTERED ENGINEER. BRANCH DUCTWORK CONNECTIONS TO MAIN DUCT AND DIFFUSER RUNOUTS SHALL INCLUDE VOLUME DAMPERS. SUBMIT BALANCING REPORTS ON NEBB OR AABC FORMS STAMPED BY THE REGISTERED ENGINEER WHO SUPERVISED THE TESTING. ALL EXISTING AND NEW FAN POWERED BOXES IN THIS AREA OF WORK SHALL BE TESTED AND REBALANCED FOR MINIMUM AND MAXIMUM PRIMARY AIR QUANTITIES AND FAN CFM.
- ALL WORK (MATERIAL AND LABOR) TO BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER.

**SYMBOLS AND ABBREVIATIONS**



**DRAWING INDEX**

- MP.01 MECHANICAL/PLUMBING GENERAL NOTES AND SPECIFICATIONS, SYMBOLS AND ABBREVIATIONS, DRAWING INDEX, DETAILS, SCHEDULE, & FIRE PROTECTION NOTES
- MP.02 MECHANICAL/PLUMBING 6TH FLOOR DEMOLITION AND NEW WORK FLOOR PLANS
- MP.03 MECHANICAL/PLUMBING SCHEDULES, DETAILS, AND OVERALL & PART 6TH FLOOR PLANS

**FIRE PROTECTION NOTES**

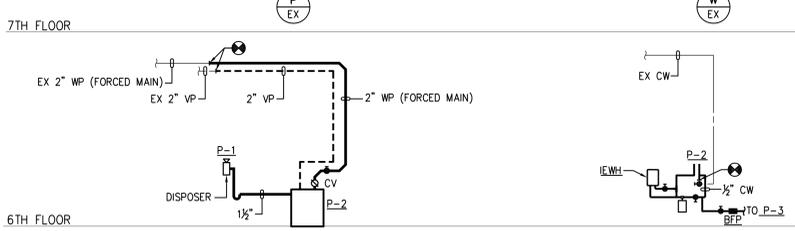
- THE EXISTING BUILDING IS FULLY SPRINKLERED AND SHALL BE MODIFIED IN ACCORDANCE WITH NFPA #13 AND LOCAL GOVERNING BUILDING AND FIRE CODES.
- ALL SPRINKLER MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH NFPA #13, AND LOCAL GOVERNING BUILDING AND FIRE CODES.
- SPRINKLER CONTRACTOR SHALL COORDINATE LOCATIONS OF SPRINKLER HEADS WITH LIGHT FIXTURES, DIFFUSERS, AND CEILING ELEVATIONS TO ENSURE PROPER COVERAGE.
- SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER PIPING WITH STRUCTURAL ELEMENTS, CEILING ELEVATIONS, DUCTWORK, LIGHTS, AND PIPING ABOVE CEILING.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF SPRINKLER MAINS AND BRANCH LINES AS REQUIRED TO COORDINATE THE WORK. NO CHANGE ORDERS WILL BE RECOGNIZED.
- SPRINKLER CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS OF THE LOCAL AUTHORITIES.
- AREAS AFFECTED BY THE CEILING DEMOLITION ARE SHOWN IN ARCHITECTURAL DRAWINGS.
- IT IS THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO RELOCATE AND/OR ADD NEW SPRINKLER HEADS TO PROVIDE CODE COMPLIANT COVERAGE FOR THE NEW TENANT LAYOUT. THE SPRINKLER CONTRACTOR SHALL MODIFY THE EXISTING PIPING, PIPING DROPS, AND SWING ARMS AS NEEDED TO ENSURE THE PROPER COVERAGE. PRIOR TO ANY MODIFICATIONS TO THE EXISTING SPRINKLER SYSTEM, THE SPRINKLER CONTRACTOR SHALL PROVIDE INSTALLATION DRAWINGS, CUT-SHEETS, CALCULATIONS, AND PIPE SIZING BASED ON THE LAYOUT FOR REVIEW AND APPROVAL BY THE LOCAL FIRE PROTECTION DIVISION OF DCRA/BLRA AND THE ARCHITECT.
- SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF THE CEILING TILES WHERE APPLICABLE UNLESS OTHERWISE NOTED.
- ALL RELOCATED AND PROPOSED SPRINKLER LOCATIONS SHALL BE PROVIDED WITH NEW SPRINKLERS MATCHING BUILDING STANDARDS AND SHALL BE SUBJECT TO REVIEW AND APPROVAL BY THE LOCAL FIRE PROTECTION DIVISION OF DCRA/BLRA AND THE ARCHITECT. SPRINKLER HEADS SHALL FULLY RECESSED IN ALL CEILING WHERE APPLICABLE. COVER PLATES SHALL BE BRIGHT WHITE IN COLOR.
- SPRINKLER PIPING SHALL BE BLACK STEEL PIPING MANUFACTURED TO SATISFY ASTM A53, FOR ASTM STANDARD A53, USE SCHEDULE 40 PIPING FOR SIZES UP TO 8" AND SCHEDULE 30 FOR SIZES 8" AND GREATER. FITTINGS SHALL BE CLASS 250 THREADED CAST IRON OR GROOVED-END TYPE IRON FITTINGS, STYLE 77, AS MANUFACTURED BY VICTAULIC CORPORATION OR ACCEPTED EQUAL.
- SPRINKLER COVERAGE SHALL BE PROVIDED ABOVE AND BELOW CEILING AREAS IN ACCORDANCE WITH NFPA 13.
- ALL EXPOSED SPRINKLER PIPING SHALL BE PAINT READY. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT THE PAINT MATERIAL AND COLOR SELECTION(S) TO BE PROVIDED.
- CONTRACTOR SHALL NOTIFY BUILDING MANAGEMENT 24 HOURS IN ADVANCE OF ANY WORK AFFECTING THE SPRINKLER SYSTEM. CONTRACTOR SHALL CHECK IN WITH THE CHIEF ENGINEER IMMEDIATELY PRIOR TO THE COMMENCEMENT OF THE SPRINKLER WORK. CHIEF ENGINEER SHALL ACCOMPANY CONTRACTOR AND TAG IMPAIRED DEVICES. WHEN NOTIFIED BY THE CONTRACTOR, IMPAIRED DEVICES SHALL BE REMOVED BY THE CHIEF ENGINEER AFTER WORK IS COMPLETE AND THE SYSTEM IS OPERATIONAL. SPRINKLER STANDPIPES OR RISERS SHALL NOT BE DRAINED OR REMAIN EMPTY BETWEEN THE HOURS OF 7:30 AM AND 6:00 PM. SPRINKLER FEED MAINS, CROSS MAINS, AND BRANCH LINES MAY BE DRAINED AFTER 6:00 AM ON REGULAR BUSINESS DAYS ONLY AND SHALL BE REFILLED BY 6:00 PM EACH DAY. EXCEPTIONS REQUIRE APPROVAL BY MANAGEMENT. THE CONTRACTOR MAY INCUR ADDITIONAL COST FOR MANAGEMENT PERSONNEL WHEN THESE STEPS ARE NOT FOLLOWED.

ITEM	DESCRIPTION	WASTE	VENT	CW	HW	REMARKS
P-1	PANTRY SINK	1 1/2"	1 1/2"	1/2"	1/2"	SINGLE BOWL WITH SINGLE LEVER FAUCET.
P-2	SEWAGE EJECTOR	1 1/2"	1 1/2"	--	--	TO RECEIVE 1 1/2" WASTE FROM PANTRY SINK P-1.
P-3	REFRIGERATOR	--	--	3/8"	--	RELOCATED EXISTING.

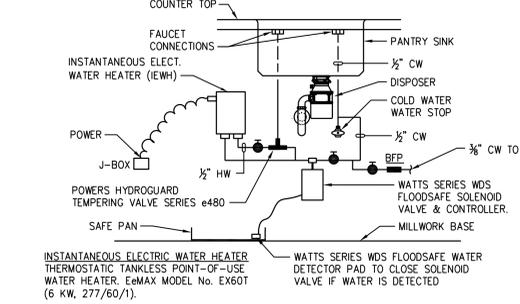
- NOTES:**
- PROVIDE APPROVED INSULATION (PLUMBEREX PRO-EXTREME) ON EXPOSED SUPPLY WATER AND DRAIN PIPE IN ACCORDANCE WITH A.D.A. REGULATIONS. NO SHARP OR ABRASIVE SURFACES BENEATH ACCESSIBLE PLUMBING FIXTURES SHALL BE PERMITTED PER ANSI A 17.1 606.6.

**PLUMBING FIXTURE SPECIFICATIONS**

- PANTRY SINK (P-1) - ELKAY GECR2521R4 CELEBRITY SINGLE BOWL, STAINLESS STEEL, SELF-RIMMING, SINGLE FAUCET HOLE, OFF-CENTERED RIGHT WASTE, ADA COMPLIANT 5/8" DEEP BOWL; DELTA FAUCET COMMERCIAL MODEL 400LF-HOF, SINGLE LEVER, SWING SPOUT FAUCET W/ INTEGRAL PULLOUT SPRAY AND HOSE, 1.5 GPM FLOW RATE; AND USE EVOLUTION COMPACT DISPOSER, 3/4 HP. PROVIDE CHROME PLATED 'P' TRAP AND TAILPIECE, POWERS HYDROGUARD TEMPERING VALVE SERIES #480 (ASSE 1070), CHROME PLATED FLEXIBLE SUPPLY ASSEMBLIES, AND CHROME PLATED ANGLE STOPS WITH HANDLES.
- SEWAGE EJECTOR (P-2) - LITTLE GIANT PUMP CO. MODEL WRS-9EN PACKAGE SEWAGE EJECTOR SYSTEM W/ 3/8 HP, 115V SUBMERSIBLE PUMP, 25 GPM @ 25 FT. HD., 3/4" SOLIDS HANDLING CAPACITY; 5 GALLON POLYPROPYLENE TANK CAPACITY; AND REMOTE VERTICAL MASTER SWITCH. PROVIDE HIGH WATER ALARM (MOUNT ON MILLWORK UNDER SINK), REMOTE VERTICAL DIAPHRAGM SWITCH VDS1010, FULL SIZE CHECK VALVE IN DISCHARGE PIPE, ISOLATION VALVE, AND 2"x1/2" REDUCERS.
- REFRIGERATOR (P-3) - RELOCATED EXISTING PER ARCHITECTURAL DRAWINGS. REROUTE NEW CW SUPPLY TUBING TO PROPOSED REFRIGERATOR LOCATION. PROVIDE NEW ISOLATION VALVE AND BFP TO REPLACE EXISTING.



**PLUMBING RISER DIAGRAMS**  
SCALE: NONE



**INSTANTANEOUS ELECTRIC WATER HEATER DETAIL**  
SCALE: NONE

District of Columbia Courts  
Gallery Place - 6th Floor  
616 H Street  
Washington DC 20001

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Mechanical / Electrical / Plumbing Engineer

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Construction Documents for Interior Improvement to:  
**District of Columbia Courts Gallery Place - 6th Floor**

District Of Columbia Courts  
Capital Project and Facilities Management  
Division

Gallery Place  
616 H Street  
Washington DC 20001

Project Title	Client Name	Building Address

ISSUED FOR	DATE
SOLICITATION SUBMISSION	08.25.2014

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

616 H Street (Gallery Place)  
6th Floor  
Mechanical/Plumbing General Notes and Specifications, Symbols and Abbreviations, Drawing Index, Details Schedule, & Fire Protection Notes  
Date: 08/21/14  
Scale: None  
Checked by: VN  
Drawn by: CCLU/DMB  
Planned by: CCLU/DMB



**GENERAL DEMOLITION NOTES**

1. ALL EQUIPMENT TO BE REMOVED SHALL BE RETAINED AT LANDLORD'S OPTION. IF LANDLORD CHOOSES NOT TO RETAIN EQUIPMENT, DISPOSAL WILL BE AT CONTRACTOR'S COST.
2. ALL EQUIPMENT, MATERIAL AND DEVICES SHOWN AS EXISTING TO BE REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL APPURTENANCES.
3. ALL DEMOLISHED EQUIPMENT AND MATERIAL SHALL BE PROMPTLY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR. ITEMS TO BE SALVAGED FOR REUSE OR DELIVERY TO OWNER SHALL BE PROTECTED AND STORED, BY CONTRACTOR, UNTIL REUSED OR TRANSFERRED TO OWNER. CONTRACTOR SHALL VERIFY WITH OWNER TO DETERMINE ITEMS TO BE SALVAGED.
4. ALL ABANDONED AND OR UNUSED MATERIALS AND EQUIPMENT ON FLOOR OR ABOVE DROP CEILING SHALL BE REMOVED.

**DEMOLITION PLAN NOTES**

- 1 REMOVE AND RELOCATE EXISTING LINEAR/SUPPLY DIFFUSERS. REFER TO NEW WORK PLAN BELOW FOR NEW LOCATION. PROVIDE NEW RIGID/FLEXIBLE DUCT.
- 2 REMOVE AND RELOCATE EXISTING RETURN GRILLE. REFER TO NEW WORK PLAN BELOW FOR NEW LOCATION.
- 3 REMOVE AND RELOCATE EXISTING THERMOSTAT. REFER TO NEW WORK PLAN BELOW FOR NEW LOCATION.
- 4 REMOVE AND RELOCATE EXISTING FAN POWERED VAV BOX. REFER TO NEW WORK PLAN BELOW FOR NEW LOCATION.
- 5 EXISTING PANTRY PLUMBING FIXTURE, RELATED EQUIPMENT, AND EXPOSED PIPING TO BE REMOVED AND EXISTING COLD WATER ROUGH-IN SUPPLY TO BE REUSED. SEE SHEET MP.03 FOR PLUMBING NEW WORK PART FLOOR PLAN.
- 6 EXISTING FIRE STANDPIPE RISER TO REMAIN. SEE OVERALL 6TH FLOOR FLOOR PLAN, SHEET MP.03, FOR ADDITIONAL EXISTING PLUMBING/FIRE PROTECTION ITEMS FOR CODE COMPLIANCE.
- 7 PROPOSED AREA OF CONSTRUCTION. SEE FIRE PROTECTION NOTES ON SHEET M.01 REGARDING THE EXISTING SPRINKLER SYSTEM AND MODIFICATIONS THERETO. SPRINKLER SYSTEM SHALL BE IN COMPLIANCE WITH NFPA 13 AND LOCAL GOVERNING CODES. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.

**SEQUENCE OF OPERATION**

**SERIES FAN POWERED BOX**

THE EXISTING CONTROL SYSTEM FOR VAV BOXES IS DDC CONTROL. CONTRACTOR SHALL SUPPLY AND INSTALL ALL MATERIALS THAT ARE PLenum RATED FOR THE SATISFACTORY OPERATION OF THE SYSTEM. ALL NEW CONTROL SYSTEM AND WORK SHALL BE BUILDING STANDARD AND SHALL BE COORDINATED WITH BUILDING OWNER. INTERFACE VAV BOX CONTROL WITH BUILDING ENERGY MANAGEMENT SYSTEM.

**OCCUPIED MODE**

THE UNIT FAN SHALL RUN CONTINUOUSLY. UPON A RISE IN SPACE TEMPERATURE ABOVE COOLING SET POINT, THE TERMINAL UNIT SHALL MODULATE TO PROVIDE MAXIMUM COOLING CFM. A DROP IN SPACE TEMPERATURE SHALL MODULATE THE VALVE TO ITS MINIMUM SETTINGS TO MAINTAIN THE ROOM SET POINT.

**UNOCCUPIED MODE**

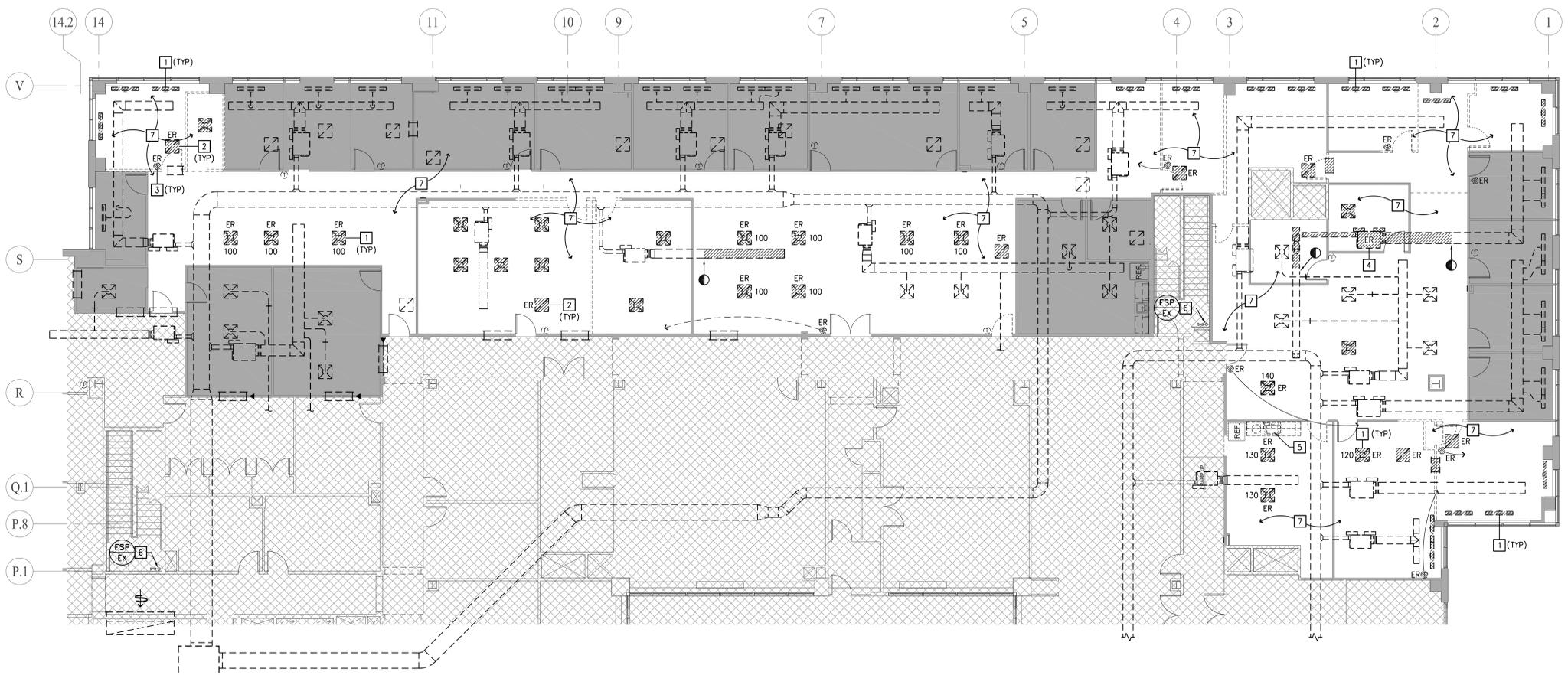
THE PRIMARY AIR VALVE SHALL BE CLOSED. THE TERMINAL FAN AND HEAT SHALL CYCLE AS NEEDED TO MAINTAIN REDUCED SPACE TEMPERATURE.

**GENERAL NEW WORK NOTES**

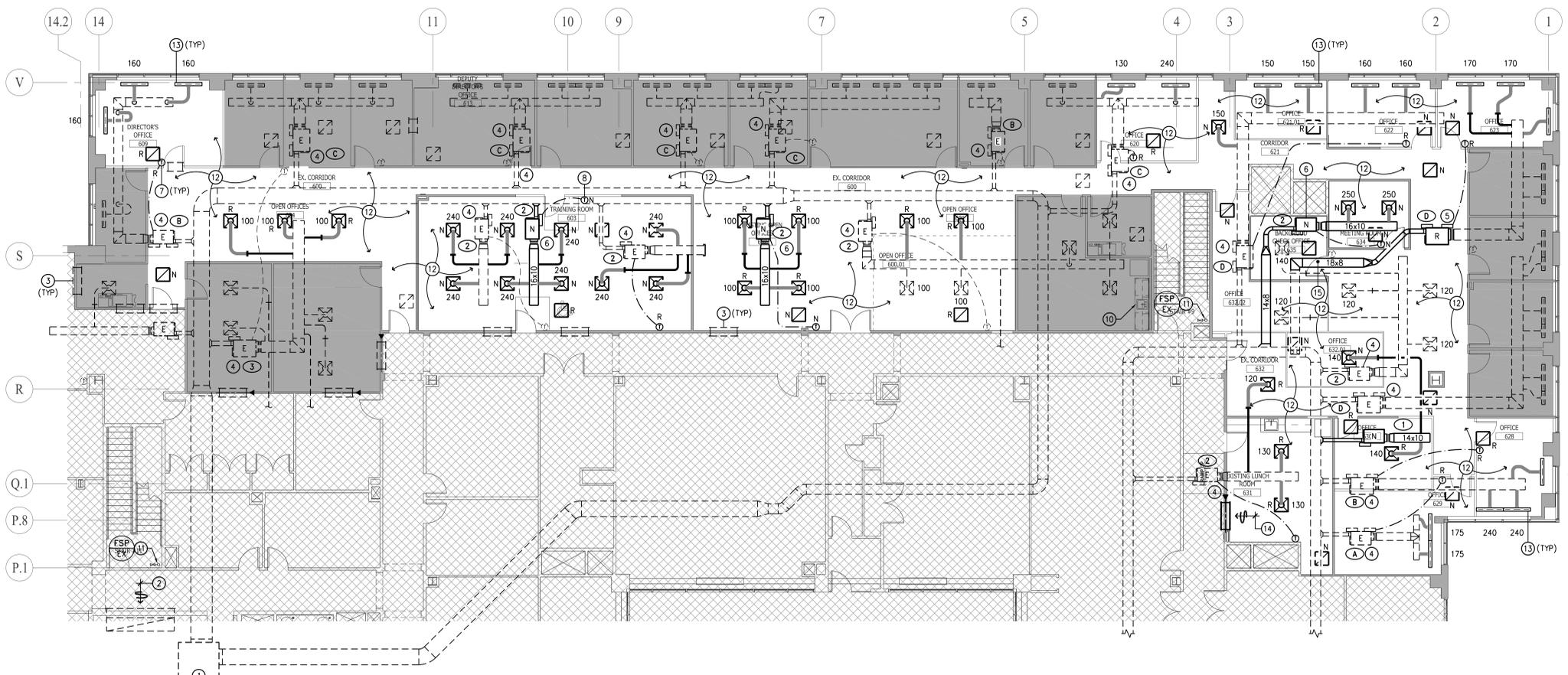
1. PROVIDE ONE THERMOSTAT FOR EACH NEW FAN POWERED VAV BOX, UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATION OF THERMOSTAT WITH THE ARCHITECT. NO THERMOSTAT SHALL BE LOCATED ADJACENT TO OR ABOVE HEAT PRODUCING EQUIPMENT.
2. ALL DISTURBED/DAMAGED AREA AFFECTED BY THE INSTALLATION OF NEW WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
3. REBALANCE THE ENTIRE AIR SYSTEM (INCLUDING THE EXISTING AIR HANDLING UNITS AND VAV BOXES) FAN AND PRIMARY AIR DAMPER TO PROVIDE THE REQUIRED OUTDOOR AIR AS INDICATED ON THE PLAN. OBTAIN THE NECESSARY INFORMATION NEEDED TO REBALANCE THE SYSTEM FROM THE BUILDING ENGINEER/ OWNER.
4. PROVIDE ACCESS AND CODE CLEARANCE FOR NEW AND RELOCATED VAV BOX ELECTRIC DUCT HEATERS AND CONTROL PANELS. LOCATE VAV BOX TO ALLOW FOR COMPLETE ACCESS TO ALL SERVICEABLE PARTS.

**NEW WORK PLAN NOTES**

- 1 EXISTING AIR HANDLING UNIT.
- 2 EXISTING RETURN AIR DUCT/OPENING TO REMAIN.
- 3 EXISTING TRANSFER AIR DUCT TO REMAIN.
- 4 EXISTING FAN POWERED BOX, ASSOCIATED DUCTWORK AND ELECTRICAL WIRING SHALL REMAIN.
- 5 COORDINATE INSTALLATION OF RELOCATED FAN POWERED BOX WITH EXISTING WORK IN THIS AREA. MODIFY EXISTING WORK TO ACCOMMODATE INSTALLATION OF RELOCATED BOX AS REQUIRED. EXTEND CONTROL AND ELECTRICAL WIRING AS REQUIRED.
- 6 COORDINATE INSTALLATION OF NEW FAN POWERED BOX WITH EXISTING WORK IN THIS AREA. MODIFY EXISTING WORK TO ACCOMMODATE INSTALLATION OF NEW BOX AS REQUIRED.
- 7 RELOCATED THERMOSTAT. EXTEND CONTROL WIRING AS REQUIRED. COORDINATE EXACT LOCATION WITH ARCHITECT.
- 8 NEW THERMOSTAT (BUILDING STANDARD). COORDINATE EXACT LOCATION WITH ARCHITECT.
- 9 PROVIDE AND INSTALL 48x12 SOUND LINED TRANSFER DUCT WITH WIRE MESH SCREEN AT BOTH ENDS.
- 10 EXISTING PANTRY PLUMBING FIXTURE, EQUIPMENT, AND RELATED APPLIANCES TO REMAIN. PROVIDE PROTECTION DURING CONSTRUCTION.
- 11 EXISTING FIRE STANDPIPE RISER TO REMAIN. SEE OVERALL 6TH FLOOR FLOOR PLAN, SHEET MP.03, FOR ADDITIONAL EXISTING PLUMBING/FIRE PROTECTION ITEMS FOR CODE COMPLIANCE.
- 12 PROPOSED AREA OF CONSTRUCTION. SEE FIRE PROTECTION NOTES ON SHEET MP.01 REGARDING THE EXISTING SPRINKLER SYSTEM AND MODIFICATIONS THERETO. SPRINKLER SYSTEM SHALL BE IN COMPLIANCE WITH NFPA 13 AND LOCAL GOVERNING CODES. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.
- 13 RELOCATED LINEAR SLOT DIFFUSER AND ASSOCIATED PLENUM. PROVIDE NEW RIGID/FLEXIBLE DUCT. COORDINATE LOCATION WITH NEW CEILING GRID.
- 14 PROVIDE AND INSTALL 48x12 SOUND LINED TRANSFER DUCT WITH WIRE MESH SCREEN AT BOTH ENDS. COORDINATE INSTALLATION WITH EXISTING WORK.
- 15 PROVIDE NEW 18x8 DUCTWORK AS INDICATED OR SIZE TO MATCH EXISTING.



**1 MECHANICAL/PLUMBING DEMOLITION FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**2 MECHANICAL/PLUMBING NEW WORK FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

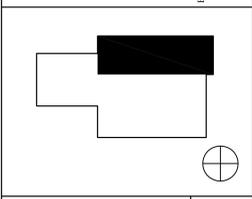


PROJECT  
Construction Documents for Interior Improvement to:  
District of Columbia Courts Gallery Place - 6th Floor

CLIENT  
District Of Columbia Courts  
Capital Project and Facilities Management  
Division

BUILDING ADDRESS  
Gallery Place  
616 H Street  
Washington DC 20001

Project Title	Client Name	Building Address
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ISSUED FOR	DATE
SOLICITATION SUBMISSION	08.25.2014

APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

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Accepted By:  
Joseph E. Sanchez, Jr.  
Capital Projects and Facilities Management Officer  
Contracting Officer  
District of Columbia Courts

**616 H Street (Gallery Place)  
6th Floor  
Mechanical/Plumbing Demolition and  
New Work Floor Plans**

Date: 08/23/14  
Scale: AS NOTED  
Checked by: VN  
Drawn by: CCL/DMB  
Planned by: CCL/DMB









ISSUED FOR	DATE		
SOLICITATION SUBMISSION	08.25.2014		
APPROVALS	DATE		
NO.	DESCRIPTION	DATE	BY


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Contracting Officer  
District of Columbia Courts

**616 H Street (Gallery Place)  
6th Floor  
Electrical Demolition Plans**

Date: 08/21/14  
Scale: 1/8" = 1'-0"  
Checked by: BMJ/KP  
Drawn by: FVD  
Planned by: FVD

**GENERAL NOTES:**

- SEE DRAWING E.01 FOR ELECTRICAL SYMBOL LIST, GENERAL NOTES AND DRAWING LIST.
- THE GENERAL EXTENT OF EXISTING ELECTRICAL WORK TO BE DISMANTLED AND REMOVED IS INDICATED ON THE DRAWINGS.
- ALL COMPONENTS ASSOCIATED WITH SYSTEMS AND EQUIPMENT TO BE REMOVED OR RELOCATED MAY NOT BE SPECIFICALLY INDICATED. REMOVE ALL ASSOCIATED ELECTRICAL COMPONENTS, HANGERS, WIRING, CABLING, BOXES, SWITCHES, DEVICES AND ALL OTHER ITEMS RELATED TO EQUIPMENT AND MATERIALS WHICH ARE INDICATED TO BE REMOVED. REMOVE ALL CONDUCTORS BACK TO THE SOURCE IN EXISTING CONDUITS WHICH ARE BEING DEMOLISHED. UNLESS SPECIFICALLY INDICATED, NO EQUIPMENT, MATERIALS OR ASSOCIATED COMPONENTS SHALL BE ABANDONED IN PLACE.
- IF UNCERTAIN ABOUT WHETHER A PARTICULAR ITEM IS TO BE REMOVED OR RELOCATED, REQUEST CLARIFICATION FROM THE ENGINEER PRIOR TO STARTING WORK.
- UNLESS OTHERWISE INDICATED, ALL ITEMS AND MATERIALS INDICATED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE OWNER AND SHALL BE DISPOSED OF AS DIRECTED BY THE CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL EXISTING FIXTURES SHALL BE REMOVED. ALL WIRING SHALL BE REMOVED BACK TO ITS ORIGINAL POWER SOURCE. ALL ASSOCIATED SWITCHES, SWITCH OUTLET BOXES AND WIRING SHALL BE REMOVED AS SHOWN.
- ALL OPENINGS IN EXISTING WALL SURFACES, CREATED BY ELECTRICAL DEMOLITION SHALL BE PATCHED AND REPAIRED.

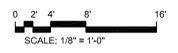
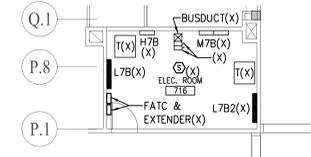
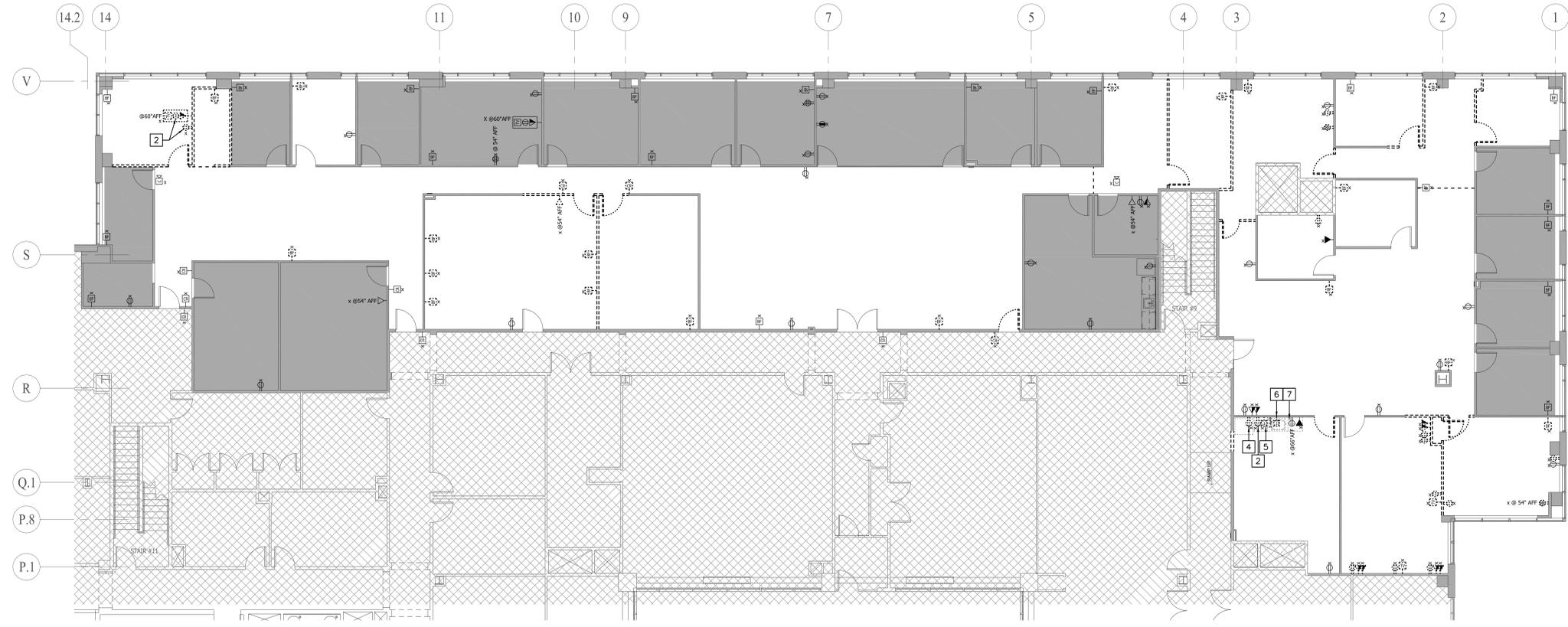
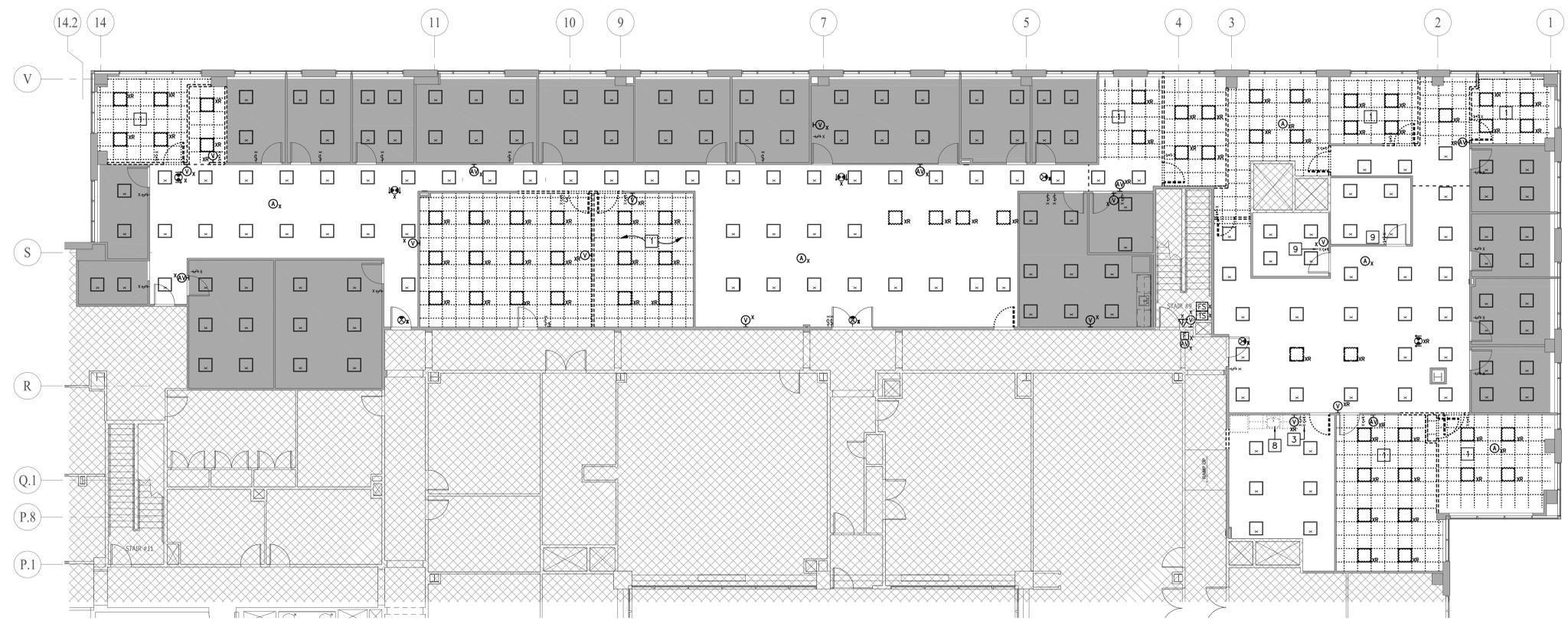
**DEMOLITION NOTES:**

- EXISTING 277V LIGHTING CIRCUIT SERVING THIS AREA TO REMAIN TO SERVE NEW LIGHTING AS INDICATED ON NEW WORK PLAN.
- EXISTING DUPLEX RECEPTACLE OUTLET TO BE REMOVED. EXISTING CIRCUIT TO REMAIN TO SUPPLY NEW POWER OUTLETS AS INDICATED ON NEW WORK PLAN.
- EXISTING LIGHT SWITCH TO BE REMOVED AND TO BE RELOCATED ON NEW WORK PLAN.
- EXISTING DUPLEX RECEPTACLE OUTLET TO BE REMOVED. EXISTING CIRCUIT TO REMAIN TO SUPPLY NEW DUPLEX POWER OUTLET FOR REFRIGERATOR AS INDICATED ON NEW WORK PLAN.
- EXISTING EJECTOR PUMP & ASSOCIATED SWITCH TO BE REMOVED. REMOVE CONDUIT AND WIRING BACK TO SOURCE.
- EXISTING JUNCTION BOX FOR GARBAGE DISPOSAL TO BE REMOVED. EXISTING CIRCUIT TO REMAIN TO SUPPLY NEW GARBAGE DISPOSAL AS INDICATED ON NEW WORK PLAN.
- EXISTING WATER HEATER, 6KW, 277V TO BE REMOVED. EXISTING CIRCUIT TO REMAIN TO SUPPLY NEW WATER HEATER AS INDICATED ON NEW WORK PLAN.
- EXISTING UNDER CABINET LIGHTING FIXTURE TO BE REMOVED. REMOVE CONDUIT & WIRING BACK TO SOURCE AND FROM LIGHT SWITCH.
- EXISTING LIGHT SWITCH TO BE REMOVED AND REPLACED WITH WALL MOUNTED OCCUPANCY SENSOR AS INDICATED ON NEW WORK PLAN. EXISTING CONDUIT AND WIRING TO REMAIN.

**1 DEMOLITION LIGHTING/FIRE ALARM PLAN**  
SCALE: 1/8"=1'-0"

**2 DEMOLITION POWER PLAN**  
SCALE: 1/8"=1'-0"

**3 PARTIAL ELECTRICAL ROOM**  
SCALE: 1/8"=1'-0"



08/21/14 10:00 AM IBI GROUP PROJECT: 616 H STREET (GALLERY PLACE) 6TH FLOOR ELECTRICAL DEMOLITION PLANS  
 08/21/14 10:00 AM IBI GROUP PROJECT: 616 H STREET (GALLERY PLACE) 6TH FLOOR ELECTRICAL DEMOLITION PLANS



District of Columbia Courts  
 Gallery Place - 6th Floor  
 616 H Street  
 Washington DC 20001

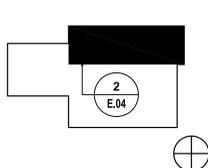
**IBI GROUP**  
 IBI Group  
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PROJECT  
**Construction Documents for Interior Improvement to:  
 District of Columbia Courts  
 Capital Project and Facilities Management**

CLIENT  
 District of Columbia Courts  
 Division

BUILDING ADDRESS  
 Gallery Place  
 616 H Street  
 Washington DC 20001



ISSUED FOR	DATE
SOLICITATION SUBMISSION	08.25.2014
APPROVALS	DATE

NO.	DESCRIPTION	DATE	BY

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Accepted By:  
 Joseph E. Sanchez, Jr.  
 Contracting Officer  
 District of Columbia Courts

**616 H Street (Gallery Place)  
 6th Floor  
 Electrical New Lighting Plan**

Date: 08/23/14  
 Scale: 1/8" = 1'-0"  
 Checked by: BM/KP  
 Drawn by: FVD  
 Plotted by: FVD



**1 NEW LIGHTING PLAN**  
 SCALE: 1/8"=1'-0"

IECC 2006 CHAPTER 5 ENERGY ALLOWANCE IS 2,770 WATTS  
 CONNECTED LIGHTING LOAD IS 2,752 WATTS

**REFERENCE NOTES:**

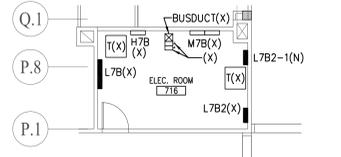
- FOR SYMBOL LIST, GENERAL NOTES AND ABBREVIATIONS, REFER TO DRAWING E.01.
- FOR PARTIAL POWER RISER DIAGRAM, SCHEDULES AND DETAILS, REFER TO DRAWING E.07.

**GENERAL NOTES:**

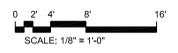
- ALL LIGHT SWITCHES, COVERPLATES COLOR/ FINISHES AND MOUNTING HEIGHT SHALL BE COORDINATED WITH THE ARCHITECT.
- PROVIDE WIRING TO ALL LIGHTING, ETC. AS SHOWN.
- FOR RECONNECTION TO EXISTING CIRCUIT, CONTRACTOR SHALL VERIFY LOAD NOT TO EXCEED 80% OF THE CIRCUIT BREAKER RATING.
- PRIOR TO INSTALLATION OF LIGHTING FIXTURES/EXIT LIGHTS, CONTRACTOR SHALL COORDINATE WITH MECHANICAL DUCTWORK/DIFFUSERS, SPRINKLER AND CEILING MOUNTED FIRE ALARM DEVICES LAYOUT.
- QUANTITY AND PLACEMENT OF THE OCCUPANCY SENSORS INDICATED ON THE PLANS ARE INTENDED TO CONVEY INTENT OF THE COVERAGE QUANTITY AND LOCATION OF THE SENSORS REQUIRED TO PROVIDE COMPLETE AND FUNCTIONAL SYSTEM SHALL BE BASED ON THE ACTUAL SENSOR SELECTION AND PER SENSOR MANUFACTURERS' REQUIREMENTS AND RECOMMENDATIONS.
- LOCATION OF THE SENSORS SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN. LOCATE CEILING SENSORS TO PREVENT FALSE TRIGGER BY AIR FLOW. MAINTAIN MINIMUM CLEARANCES RECOMMENDED BY THE SENSOR MANUFACTURER FROM SUPPLY / RETURN DUCT OPENINGS, DIFFUSERS ETC.
- AFTER INSTALLATION OF ALL SENSORS, ADJUST THE SENSITIVITY OF EACH SENSOR PER MANUFACTURER'S RECOMMENDATIONS. SENSITIVITY ADJUSTMENTS SHALL BE PERFORMED AFTER ALL PARTITIONS, ARE INSTALLED. DURING THE SENSITIVITY ADJUSTMENT PROCEDURE, HVAC SYSTEM SERVING THE SPACE SHALL BE IN ON POSITION WITH SYSTEM SUPPLYING HIGHEST AIR FLOW.

**DRAWING NOTES:**

- EXISTING CIRCUIT HOMERUN IS CURRENTLY SERVING THIS AREA. BRANCH CIRCUIT DESIGNATION INDICATED IS BASED ON EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY AND TRACE EXISTING CIRCUIT.
- CONNECT TO EXISTING 277V LIGHTING CIRCUIT (NORMAL) SERVING THIS AREA.
- CONNECT TO EXISTING 277V EMERGENCY LIGHTING CIRCUIT AS SHOWN.
- CEILING MOUNTED OCCUPANCY SENSOR & POWER PACK. POWER PACK (WATTSTOPPER BZ-50) SHALL BE MOUNTED IN A JUNCTION BOX.
- RELOCATED LIGHTING FIXTURE/EXIT LIGHT. EXTEND EXISTING BRANCH CIRCUIT AS REQUIRED TO NEW LOCATION.
- EXISTING TO REMAIN/TO BE RELOCATED LIGHTING FIXTURES IN THIS AREA. DISCONNECT FIXTURES FROM EXISTING SWITCH. FIXTURES TO BE CONTROLLED BY NEW OCCUPANCY SENSOR.
- DISCONNECT FIXTURE CONNECTIONS FROM EXISTING CIRCUIT/HOMERUN AND SWITCH.
- RELOCATED SWITCH. REVISE WIRING AS REQUIRED.
- PROVIDE EMERGENCY FIXTURE WITH EMERGENCY TRANSFER SWITCH. SEE DETAIL ON DRAWING E.07 FOR INFORMATION.
- SYSTEM FURNITURE PANELS IN THIS AREA ARE CEILING HIGH.
- INTERCEPT EXISTING CIRCUIT HOMERUN TO POWER PACK. EXTEND CONDUIT AND WIRING AS REQUIRED.
- REMOTE LIGHT SWITCH SHALL IDENTIFY THE LIGHTS BEING SERVED AND INDICATES THEIR STATUS.
- CONNECT AHEAD OF THE SWITCH.
- PROVIDE NEW WALL MOUNTED OCCUPANCY SENSOR AS SHOWN AND RECONNECT THE EXISTING CONNECTION.



**2 PARTIAL ELECTRICAL ROOM**  
 SCALE: 1/8"=1'-0"



08/23/14 10:58 AM I:\Projects\616 H Street\616 H Street - 6th Floor\616 H Street - 6th Floor - Electrical\616 H Street - 6th Floor - Electrical - E.04.dwg  
 8932.002



District of Columbia Courts  
 Gallery Place - 6th Floor  
 616 H Street  
 Washington DC 20001

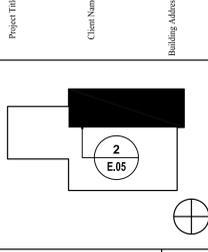
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PROJECT  
**Construction Documents for Interior Improvement to:  
 District of Columbia Courts  
 Capital Project and Facilities Management**

CLIENT  
 District of Columbia Courts  
 Capital Project and Facilities Management  
 Division

ADDRESS  
 Gallery Place  
 616 H Street  
 Washington DC 20001



ISSUED FOR	DATE
SOLICITATION SUBMISSION	08.25.2014

APPROVALS	DATE

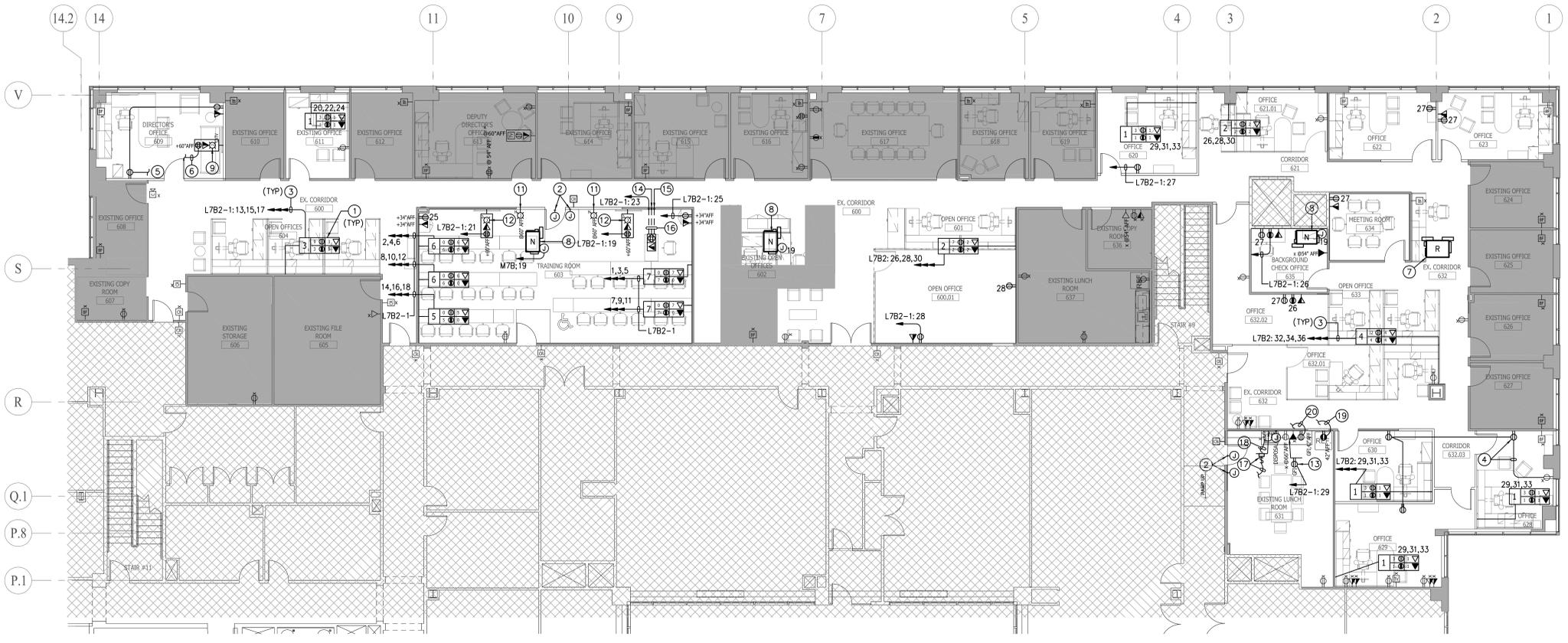
NO.	DESCRIPTION	DATE	BY

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Accepted By:  
 Joseph E. Sanchez, Jr.  
 Contracting Officer  
 District of Columbia Courts

**616 H Street (Gallery Place)  
 6th Floor  
 Electrical New Power Plan**

Date: 08/21/14  
 Scale: 1/8" = 1'-0"  
 Checked by: BM/KP  
 Drawn by: FVD  
 Plotted by: FVD

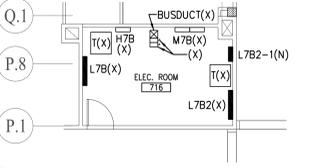


**1 NEW POWER PLAN**  
 SCALE: 1/8"=1'-0"

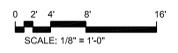
- REFERENCE NOTES:**
- FOR SYMBOL LIST, GENERAL NOTES AND ABBREVIATIONS, REFER TO DRAWING E.01.
  - FOR PARTIAL POWER RISER DIAGRAM AND SCHEDULES, REFER TO DRAWING E.06.
  - FOR LIGHTING FIXTURE SCHEDULE AND DETAILS, REFER TO DRAWING E.07.

- GENERAL NOTES:**
- ALL WIRING DEVICES, COVERPLATES COLOR/ FINISHES AND MOUNTING HEIGHT SHALL BE COORDINATED WITH THE ARCHITECT.
  - PROVIDE WIRING TO ALL ELECTRICAL DEVICES, ETC. AS SHOWN.
  - SYSTEM FURNITURE IS A 8 WIRE SYSTEM, 3 CIRCUITS WITH ISOLATED GROUND.
  - FOR CIRCUITS SUPPLYING SYSTEM FURNITURE AND IC TYPE RECEPTACLE OUTLET, PROVIDE ISOLATED GROUNDING CONDUCTOR IN ADDITION TO EQUIPMENT GROUNDING CONDUCTOR. TERMINATE ISOLATED GROUNDING CONDUCTOR TO EQUIPMENT GROUND BUS IN THE EXISTING PANELBOARD.
  - FOR RECONNECTION TO EXISTING CIRCUIT, CONTRACTOR SHALL VERIFY LOAD NOT TO EXCEED 80% OF THE CIRCUIT BREAKER RATING.

- DRAWING NOTES:**
- CONTRACTOR SHALL PROVIDE FINAL CONNECTION TO SYSTEM FURNITURE. PROVIDE ALL REQUIRED FITTING, BUSHINGS, WIRE CONNECTORS, ETC. FOR A COMPLETE SYSTEM. COORDINATE EXACT WIRING CONFIGURATION WITH SYSTEM FURNITURE VENDOR PRIOR TO ROUGH-IN INSTALLATION.
  - WALL MOUNTED JUNCTION BOX. EXTEND 1" EMPTY CONDUIT WITH PULL STRING. COORDINATE WITH SECURITY INSTALLER FOR EXACT LOCATION.
  - 6#10 + 1#12 E.G. + 1#12 I.G. IN 1" CONDUIT.
  - CONNECT TO EXISTING CIRCUIT AS SHOWN.
  - CONNECT TO EXISTING 120V GENERAL RECEPTACLE CIRCUIT SERVING THIS AREA.
  - CONNECT TO EXISTING 120V RECEPTACLE CIRCUIT FOR AUDIOVISUAL SERVING THIS AREA.
  - RELOCATED VAV AND ASSOCIATED DISCONNECT SWITCH. EXTEND CONDUIT AND WIRING AS REQUIRED TO NEW LOCATION.
  - VAV WITH INTEGRAL DISCONNECT SWITCH.
  - WALL MOUNTED TWO (2) GANG JUNCTION BOX FOR CATV CABLE OUTLET.
  - WALL MOUNTED FOUR GANG JUNCTION BOX FOR AV. PROVIDE 2-1" CONDUIT WITH PULL STRINGS UP TO ACCESSIBLE CEILING SPACE.
  - WALL MOUNTED (HORIZONTAL) 1 GANG JUNCTION BOX FOR TOUCH PANEL. PROVIDE 3/4" CONDUIT WITH PULL STRING UP TO ACCESSIBLE CEILING SPACE.
  - WALL MOUNTED TWO (2) GANG JUNCTION BOX FOR AUDIO-VISUAL. PROVIDE 1" CONDUIT WITH PULL STRING UP TO ACCESSIBLE CEILING SPACE.
  - GFI RECEPTACLE OUTLET FOR SEWAGE EJECTOR, 920W, 120V, 1 PHASE.
  - PROVIDE 1" CONDUIT FOR DATA/TELEPHONE CABLING. EXTEND CONDUIT WITH PULL STRINGS UP TO ACCESSIBLE CEILING SPACE AT 6TH FLOOR.
  - PROVIDE 2" CONDUIT FOR AUDIOVISUAL CABLING. EXTEND CONDUIT WITH PULL STRINGS UP TO ACCESSIBLE CEILING SPACE AT 6TH FLOOR.
  - CONDUITS RUNS AT 5TH FLOOR ACCESSIBLE CEILING SPACE. COORDINATE ROUTE WITH EXISTING INSTALLATION.
  - INSTANTANEOUS ELECTRIC WATER HEATER, 6KW, 277V, 1 PHASE. PROVIDE SINGLE POLE SWITCH RATED AT 30A, 277V. CONNECT TO EXISTING WATER HEATER CIRCUIT SERVING THIS AREA AT PANEL H7B #35 WITH 30A OVERCURRENT PROTECTION.
  - CONNECT TO EXISTING GARBAGE DISPOSAL CIRCUIT SERVING THIS AREA.
  - CONNECT TO EXISTING REFRIGERATOR CIRCUIT SERVING THIS AREA.
  - CONNECT TO EXISTING GFI RECEPTACLE CIRCUIT SERVING THIS AREA.



**2 PARTIAL ELECTRICAL ROOM**  
 SCALE: 1/8"=1'-0"



0 2 4 8 16  
 SCALE: 1/8" = 1'-0"  
 8932.002

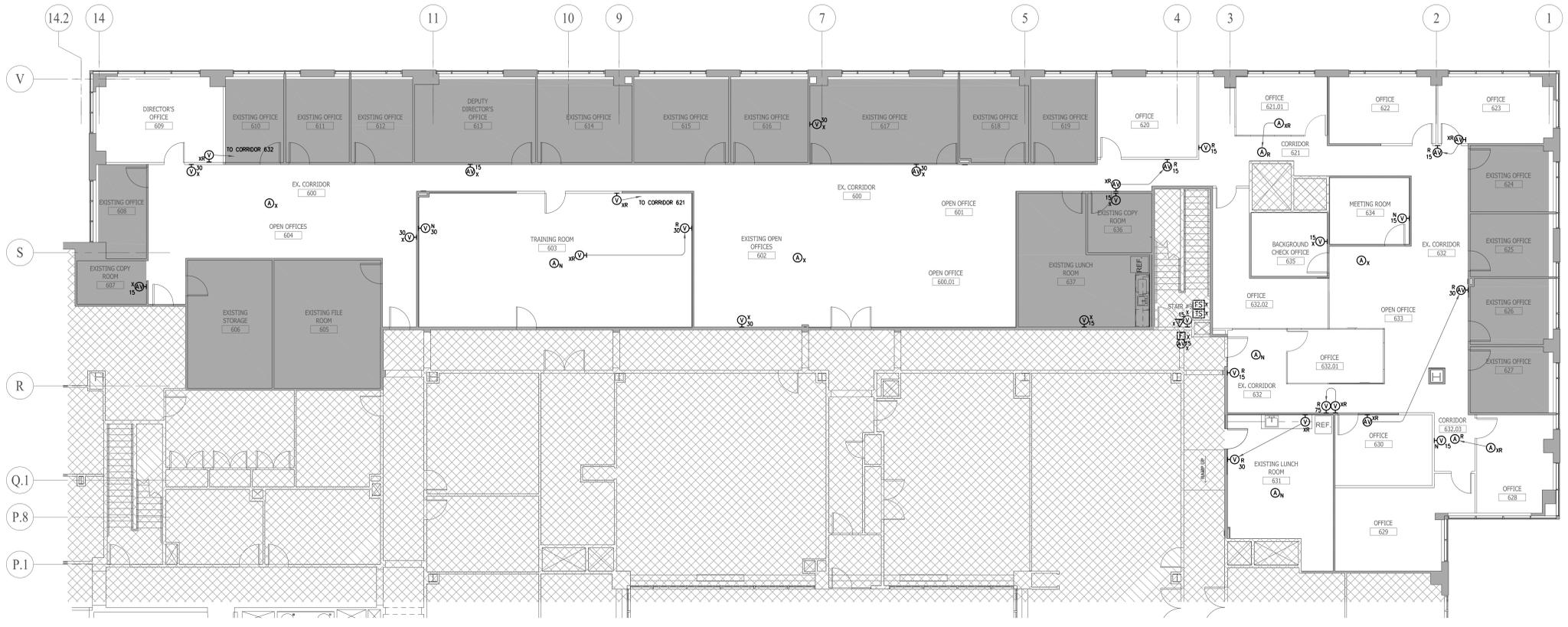


District of Columbia Courts  
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 616 H Street  
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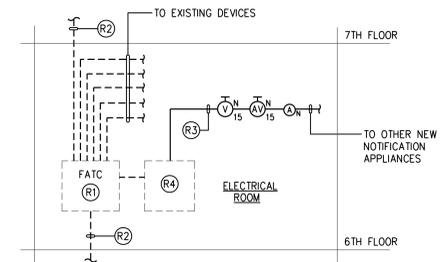
PROJECT  
**Construction Documents for Interior Improvement to:  
 District of Columbia Courts Gallery Place - 6th Floor**  
 CLIENT NAME  
**District Of Columbia Courts  
 Capital Project and Facilities Management Division**  
 BUILDING ADDRESS  
**Gallery Place  
 616 H Street  
 Washington DC 20001**



**1 NEW FIRE ALARM PLAN**  
 SCALE: 1/8"=1'-0"

**GENERAL NOTES:**

- FIRE ALARM VISUAL DEVICES WHICH ARE WITHIN THE SAME LINE OF SIGHT SHALL BE SYNCHRONIZED. CONTRACTOR SHALL COORDINATE WITH THE BASE BUILDING FIRE ALARM SYSTEM EQUIPMENT AND SYSTEM MANUFACTURER TO PROVIDE SYNCHRONIZATION. PROVIDE NECESSARY INTERFACE, ACCESSORIES, MODULES, POWER SUPPLY, ETC. AS REQUIRED TO PROVIDE SYNCHRONIZATION.
- CONNECT NEW FIRE ALARM DEVICES TO EXISTING BASE BUILDING FIRE ALARM SYSTEM PER LOCAL CODES AND IN ACCORDANCE WITH BASE BUILDING SPECIFICATIONS. COORDINATE INSTALLATION WITH THE BUILDING ENGINEER. PROVIDE NEW ADA COMPLIANT VISUAL ALARM STROBES AS INDICATED IN THE DRAWINGS. PROVIDE ALTERNATE PRICE TO PROVIDE BOOSTER PANEL TO EXISTING BUILDING FIRE ALARM SYSTEM TO ACCOMMODATE INSTALLATION OF NEW FIRE ALARM STROBE AND SPEAKER DEVICES AS REQUIRED. NOTIFY OWNER'S REPRESENTATIVE. GENERAL CONTRACTOR SHALL USE THE BASE BUILDING FIRE ALARM CONTRACTOR FOR FINAL TIE-IN TO THE FIRE ALARM PANEL.
- CONTRACTOR SHALL PROVIDE A UNIT PRICE TO PROVIDE ADDITIONAL FIRE ALARM DEVICES AS MAY BE REQUIRED BY DCRA FIRE DEPARTMENT INSPECTION AND FOR ANY RELOCATIONS HE/SHE REQUESTS, WITHIN SCOPE OF WORK AREAS.
- THE CONTRACTOR SHALL PREPARE FIRE ALARM SYSTEM SHOP DRAWINGS FOR SUBMISSION TO FIRE PROTECTION DIVISION OF DCRA/BLRA FOR REVIEW AND APPROVAL TO THE REQUIREMENTS AND SHALL INCLUDE, BUT ARE NOT LIMITED TO EQUIPMENT CUT SHEETS, SEQUENCE OF OPERATION, BATTERY CALCULATION, CIRCUIT CAPACITY CALCULATIONS, WIRING DIAGRAMS, RISER DIAGRAM AND FLOOR PLAN. THE FLOOR PLANS SHALL SHOW WALLS, DOORS, ROOM NAMES AND FIRE ALARM DEVICES OR EQUIPMENT ONLY. NO OTHER DEVICES, FIXTURES OR SYSTEMS SHALL BE SHOWN ON THESE PLANS. THE SHOP DRAWING SHALL BE SIGNED BY A NICET LICENSED FIRE ALARM TECHNICIAN WITH A MINIMUM OF A NICET LEVEL 3 CERTIFICATION.
- EXTEND WIRING AND CONDUIT AS REQUIRED FOR ALL RELOCATED FIRE ALARM DEVICES.
- NEW FIRE ALARM DEVICES TO MATCH EXISTING.
- CONTRACTOR SHALL COORDINATE WITH LIGHTING FIXTURES, DUCTWORK, SPRINKLER HEAD LAYOUT PRIOR TO ROUGH-IN.
- EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION DURING CONSTRUCTION. WITH WRITTEN APPROVAL FROM THE AHJ AND THE OWNER, EXISTING FIRE ALARM DEVICES IN THE AREA OF CONSTRUCTION MAY BE DISCONNECTED FROM SERVICE DURING CONTRACTOR'S WORKING HOURS. WHEN THE CONTRACTOR IS FINISHED FOR THE DAY, THE FIRE ALARM DEVICES SHALL BE RECONNECTED AND BACK IN OPERATION. FIRE ALARM DEVICES MUST BE COVERED OR OTHERWISE PROTECTED FROM DUST AND DEBRIS DURING CONSTRUCTION.
- PROVIDE ALL MATERIALS AND LABOR FOR THE ENGINEERING DESIGN AND INSTALLATION TO MODIFY THE EXISTING FIRE ALARM SYSTEM SERVING THE SPACE. MAINTAIN EXISTING PROGRAMMING FOR ASSOCIATED BUILDING FUNCTIONS.
- FIRE ALARM SYSTEM DRAWINGS PROVIDED ARE FOR INFORMATION ONLY AND ARE PROVIDED TO CONVEY SYSTEM CONCEPT. THE CONTRACTOR IS RESPONSIBLE FOR FINAL DESIGN AND INSTALLATION OF THE SYSTEM IN ACCORDANCE WITH THE APPLICABLE CODES, STANDARDS AND REQUIREMENTS OF THE AHJ. THE DRAWINGS DO NOT INDICATE EVERY DETAIL. EXACT QUANTITIES, TYPES AND LOCATIONS OF THE REQUIRED INITIATING AND NOTIFICATION DEVICES.



**2 EXISTING PARTIAL FIRE ALARM RISER DIAGRAM NOT TO SCALE**

**RISER NOTES:**

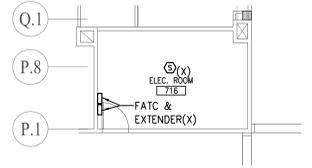
- (R1) EXISTING FIRE ALARM TERMINAL CABINET.
- (R2) RISER CONNECTS TO EXISTING FIRE ALARM TERMINAL CABINETS ON THE FLOOR ABOVE AND THE FLOOR BELOW.
- (R3) NEW FIRE ALARM DEVICES CONNECTED TO EXISTING FIRE ALARM TERMINAL CABINET & EXTENDER PANEL. PROVIDE MC CABLE LISTED FOR FIRE ALARM APPLICATION. CONTRACTOR TO FIELD VERIFY CAPACITY. REFER TO THE FLOOR PLANS FOR EXACT NUMBER OF NEW DEVICES REQUIRED.
- (R4) EXISTING FIRE ALARM EXTENDER PANEL.

**AUXILIARY SYSTEMS:**

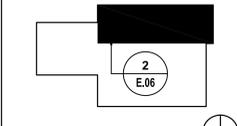
- (M) MANUAL FIRE ALARM PULL STATION MOUNTED AT 48" AFF.
- (V) WALL MOUNTED FIRE ALARM VISUAL DEVICE (STROBE) COMPLYING WITH ADA REQUIREMENTS. NUMBER INDICATES CANDELA RATING. MOUNTED AT 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.
- (V) WALL MOUNTED COMBINATION FIRE ALARM SPEAKER (VOICE EVACUATION) AND VISUAL DEVICE COMPLYING WITH ADA REQUIREMENTS. NUMBER INDICATES CANDELA RATING. MOUNTED AT 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.
- (S) CEILING MOUNTED FIRE ALARM SPEAKER (VOICE EVACUATION).
- (T) FIREFIGHTER TELEPHONE OUTLET.
- (FS) FLOW SWITCH.
- (TS) TAMPER SWITCH.

**FIRE ALARM DEVICES LEGEND:**

- X - EXISTING TO REMAIN
- XR - EXISTING TO BE REMOVED OR RELOCATED
- N - NEW DEVICE
- R - RELOCATED TO NEW LOCATION



**2 PARTIAL ELECTRICAL ROOM**  
 SCALE: 1/8"=1'-0"



ISSUED FOR	DATE
SOLICITATION SUBMISSION	08.25.2014

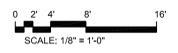
APPROVALS	DATE
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NO.	DESCRIPTION	DATE	BY

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 Accepted By:  
 Joseph E. Sanchez, Jr.  
 Contracting Officer  
 District of Columbia Courts

**616 H Street (Gallery Place)  
 6th Floor  
 New Fire Alarm Plan**

Date: 08/23/14  
 Scale: 1/8" = 1'-0"  
 Checked by: BMJ/KP  
 Drawn by: FVD  
 Plotted by: FVD



NEW PANEL  
**PANEL: L7B2-1**  
LOCATION: 6TH FLOOR - ELEC RM  
MOUNTING: SURFACE  
MAIN: MLO  
AMP: 100 VOLT: 120/208  
PHASE: 3 4 WIRE + GND  
AIC: 10K AMPS RMS SYM

Branch Circuit Load Description	KVA Load			Trip Poles	Ckt No.	Phase	Ckt No.	Trip Poles	KVA Load			Branch Circuit Load Description
	A	B	C						A	B	C	
EXISTING TRANSFORMER	25.00	25.00	25.00	1253	1	A	2	201	3.60			EXISTING LIGHTING
(PANEL L7B)	25.00	25.00	25.00	5	3	B	4	201	2.30	2.10		EXISTING LIGHTING
EXISTING LIGHTING	2.00			201	7	A	8	201	3.50			EXISTING LIGHTING
EXISTING LIGHTING	3.00			201	9	B	10	201	3.50			EXISTING LIGHTING
EXISTING LIGHTING	6.20			201	11	C	12	201	0.50			EXISTING LIGHTING
EXISTING LIGHTING	2.40			201	13	A	14	201	2.00			EXISTING LIGHTING
EXISTING LIGHTING	1.90			201	15	B	16	201	2.00			EXISTING LIGHTING
EXISTING LIGHTING	1.00			201	17	C	18	201	2.00			EXISTING LIGHTING
SPACE	0.00			19	A	20	201	1.50				EXISTING LOAD
SPACE	0.00			21	B	22	201	1.50				EXISTING LOAD
SPACE	0.00			23	C	24	201	2.50				EXISTING & NEW LIGHTING
SPACE	0.00			25	A	26	201	1.50				EXISTING LOAD
SPACE	0.00			27	B	28	201	1.50				EXISTING LOAD
EXISTING TRANSFORMER	30.42	30.26	1253	29	C	30	30	0.00	0.00	0.00		SPACE
(PANEL L7B-2)	32.62			31	A	32	30	0.00				SPACE
EXISTING WATER HEATER	6.00	301	35	C	36				0.00	0.00		SPACE
EXISTING WATER HEATER	6.00	301	37	A	38				0.00	0.00		SPACE
EXISTING WATER HEATER	6.00	301	39	B	40	201	1.50					EXISTING LOAD
EXISTING WATER HEATER	6.00	301	41	C	42	201	1.50					EXISTING LOAD
65.82   68.52   74.46 << PHASE SUB-TOTALS >>   12.10   12.30   8.60												
PHASE TOTALS			77.92	80.82	83.06	KVA						
LOAD SUMMARY (KVA)			241.80	KVA CONNECTED LOAD		PROVIDE THE FOLLOWING:						
LOAD TYPE	CONNECTED	DEMAND	164.61	KVA TOTAL DEMAND LOAD								
Lighting	37.50	37.50	198.00	DEMAND AMPS								
Receptacles	164.38	87.19										
Equipment-Continuous	0.00	0.00										
Equipment-Non-Cont	36.92	36.92										
Kitchen	0.00	0.00										
Mech-Continuous	0.00	0.00										
Mech-Non-Cont	3.00	3.00										
TOTAL KVA	241.80	164.61										

EXISTING PANEL  
**PANEL: L7B2**  
LOCATION: 6TH FLOOR - ELEC RM  
MOUNTING: SURFACE  
MAIN: MLO  
AMP: 250 VOLT: 120/208  
PHASE: 3 4 WIRE + GND  
AIC: 10K AMPS RMS SYM

Branch Circuit Load Description	KVA Load			Trip Poles	Ckt No.	Phase	Ckt No.	Trip Poles	KVA Load			Branch Circuit Load Description
	A	B	C						A	B	C	
EXISTING RECEPTACLES	1.08			201	1	A	2	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	3	B	4	201	0.90			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	5	C	6	201	0.80			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	7	A	8	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	9	B	10	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	11	C	12	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	13	A	14	201	0.90			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	15	B	16	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	17	C	18	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	19	A	20	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	21	B	22	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	23	C	24	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	25	A	26	201	0.90			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	27	B	28	201	0.90			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	29	C	30	201	0.90			EXISTING RECEPTACLES
EXISTING RECEPTACLES	0.80			201	31	A	32	201	0.80			EXISTING RECEPTACLES
EXISTING RECEPTACLES	0.80			201	33	B	34	201	0.80			EXISTING RECEPTACLES
EXISTING RECEPTACLES	0.80			201	35	C	36	201	0.80			EXISTING RECEPTACLES
EXISTING RECEPTACLES	0.80			201	37	A	38	201	0.80			EXISTING RECEPTACLES
EXISTING RECEPTACLES	0.80			201	39	B	40	201	0.80			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.80			201	41	C	42	201	0.80			EXISTING RECEPTACLES
7.00   7.00   8.00 << PHASE SUB-TOTALS >>   6.64   6.64   6.54												
PHASE TOTALS SECTION 1			13.64	13.64	14.54	KVA						
PHASE TOTALS SECTION 2			16.62	16.78	18.08	KVA						
PHASE TOTALS			30.26	30.42	32.62	KVA						
LOAD SUMMARY (KVA)			93.30	KVA CONNECTED LOAD		PROVIDE THE FOLLOWING:						
LOAD TYPE	CONNECTED	DEMAND	53.61	KVA TOTAL DEMAND LOAD								
Lighting	0.00	0.00	148.81	DEMAND AMPS								
Receptacles	89.38	49.69										
Equipment-Continuous	0.00	0.00										
Equipment-Non-Cont	3.92	3.92										
Kitchen	0.00	0.00										
Mech-Continuous	0.00	0.00										
Mech-Non-Cont	0.00	0.00										
TOTAL KVA	93.30	53.61										

EXISTING PANEL  
**PANEL: L7B2**  
LOCATION: 6TH FLOOR - ELEC RM  
MOUNTING: SURFACE  
MAIN: MLO  
AMP: 250 VOLT: 120/208  
PHASE: 3 4 WIRE + GND  
AIC: 10K AMPS RMS SYM

Branch Circuit Load Description	KVA Load			Trip Poles	Ckt No.	Phase	Ckt No.	Trip Poles	KVA Load			Branch Circuit Load Description
	A	B	C						A	B	C	
EXISTING RECEPTACLES	1.50			201	1	A	2	201	1.08			EXISTING RECEPTACLES
EXISTING LOAD	1.40			201	3	B	4	201	1.08			EXISTING RECEPTACLES
EXISTING LOAD	1.40			201	5	C	6	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.20			201	7	A	8	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	0.90			201	9	B	10	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	11	C	12	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	13	A	14	201	0.00			SPACE
EXISTING RECEPTACLES	1.08			201	15	B	16	201	0.00			SPACE
EXISTING RECEPTACLES	1.08			201	17	C	18	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	19	A	20	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	21	B	22	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	23	C	24	201	1.08			EXISTING RECEPTACLES
EXISTING RECEPTACLES	1.08			201	25	A	26	201	0.54			SYSTEM FURNITURE **
EXISTING RECEPTACLES	4.16			201	27	B	28	201	0.72			SYSTEM FURNITURE **
EXISTING RECEPTACLES	1.08			201	29	C	30	201	0.54			SYSTEM FURNITURE **
EXISTING RECEPTACLES	0.72			201	33	B	34	201	1.08			SPACE
EXISTING RECEPTACLES	1.30			201	35	C	36	201	0.72			SPACE
EXISTING RECEPTACLES	1.50			201	37	A	38	201	0.00			SPACE
EXISTING RECEPTACLES	0.90			201	39	B	40	201	1.50			EXISTING LOAD
EXISTING RECEPTACLES	0.90			201	41	C	42	201	1.50			EXISTING RECEPTACLES
11.76   10.24   11.00 << PHASE SUB-TOTALS >>   4.86   6.54   7.08												
PHASE TOTALS			16.62	16.78	18.08	KVA						
LOAD SUMMARY (KVA)			51.48	KVA CONNECTED LOAD		PROVIDE THE FOLLOWING:						
LOAD TYPE	CONNECTED	DEMAND	32.70	KVA TOTAL DEMAND LOAD								
Lighting	0.00	0.00	90.77	DEMAND AMPS								
Receptacles	47.56	29.78										
Equipment-Continuous	0.00	0.00										
Equipment-Non-Cont	3.92	3.92										
Kitchen	0.00	0.00										
Mechanical-Cont	0.00	0.00										
Mechanical-Non-Cont	0.00	0.00										
TOTAL KVA	51.48	32.70										

\* CIRCUIT BREAKER MADE AVAILABLE BY DEMOLITION  
\*\* PROVIDE CIRCUIT BREAKER TO MATCH EXISTING & UL LISTED FOR USE WITH EXISTING PANELBOARD

EXISTING PANEL  
**PANEL: M7B**  
LOCATION: 6TH FLOOR - ELEC RM  
MOUNTING: SURFACE  
MAIN: MLO  
AMP: 400 VOLT: 277/480  
PHASE: 3 4 WIRE + GND  
AIC: 14K AMPS RMS SYM

Branch Circuit Load Description	KVA Load			Trip Poles	Ckt No.	Phase	Ckt No.	Trip Poles	KVA Load			Branch Circuit Load Description
	A	B	C						A	B	C	
EXISTING VAV	2.20	2.20	2.20	153	42	A	44	253	4.33	4.33		EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	47	C	48			4.33			EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	153	49	A	50	203	3.60	3.60		EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	51	B	52			3.60			EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	153	55	A	56	253	4.33	4.33		EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	57	B	58			4.33			EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	59	C	60			4.33			EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	153	61	A	62	153	2.20	2.20		EXISTING VAV
EXISTING VAV	2.20	2.20	2.20	63	B	64			2.20			EXISTING VAV
EXISTING VAV	2.20	2.20</										



































