

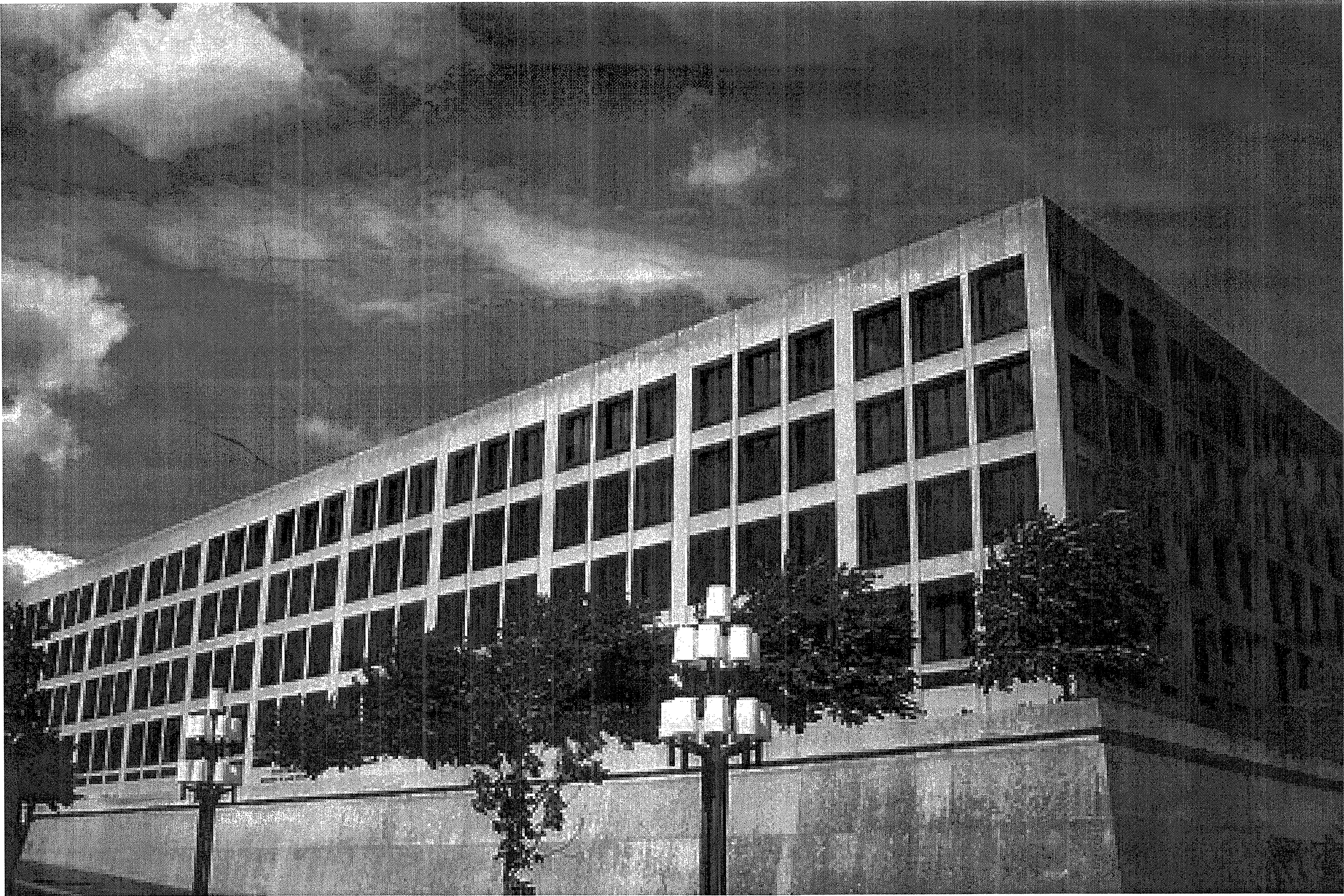


U.S. GENERAL SERVICES ADMINISTRATION
Metropolitan Service Center
1099 14th Street NW Washington DC 20005

DRAWING INDEX

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A6.00 Furniture Plan - Notes and Legend	X	X	
A11.00 Partition Types, Door Types and Hardware Schedule	X	X	X
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E2.03 Electrical Special Systems Basement Plan	X		X
E2.04 Electrical Power Sixth Floor Plan	X		X
E2.05 Electrical Power Roof Plan	X		
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E7.01 Electrical Schedules and Details	X		
E7.02 Electrical Schedules	X		

FRANCES PERKINS BLDG.
U.S. Department of Labor
SCIF Facility



ADDENDUM #1

January 22, 2010

ADDRESS: U.S. DEPARTMENT OF LABOR
200 CONSTITUTION AVENUE NW
WASHINGTON DC 20009

FIRE SPRINKLER SYSTEM: FULLY SPRINKLERED W/ CENTRAL FIRE ALARM
SCOPE OF WORK: SELECTIVE DEMOLITION & PARTIAL SUITE OFFICE RENOVATION
LOT:
SQUARE: 1,300 SF
OCCUPANCY GROUPS: B - OFFICE : 7 OCCUPANTS

GSA
U.S. GENERAL SERVICE ADMINISTRATION
GSA NATIONAL CAPITAL REGION
METROPOLITAN SERVICE CENTER (MPC)
1000 14TH STREET NW
WASHINGTON, DC 20005
T: 202.736.5500
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UNITED STATES DEPARTMENT OF LABOR
OFFICE OF THE ASSISTANT SECRETARY FOR
ADMINISTRATION AND MANAGEMENT
200 CONSTITUTION AVENUE, NW, ROOM 5100
WASHINGTON, DC 20005
T: 202.493.0000
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DIRECTOR, DIVISION OF FACILITIES MANAGEMENT OFFICE OF
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SAMUEL A. BRUNETTO, P.E.
GEORGE LIN, P.E.
JEFFREY BLAND, P.E.

BUILDING ENGINEER: U.S. DEPARTMENT OF LABOR
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PAUL K. FLICK

COST ESTIMATOR: BELSTRA COST ESTIMATING, LLC
500 ROCK SPRING AVE., SUITE 200
BETHESDA, MD 20814
T: 476.40.0000
BUCK YOUNG

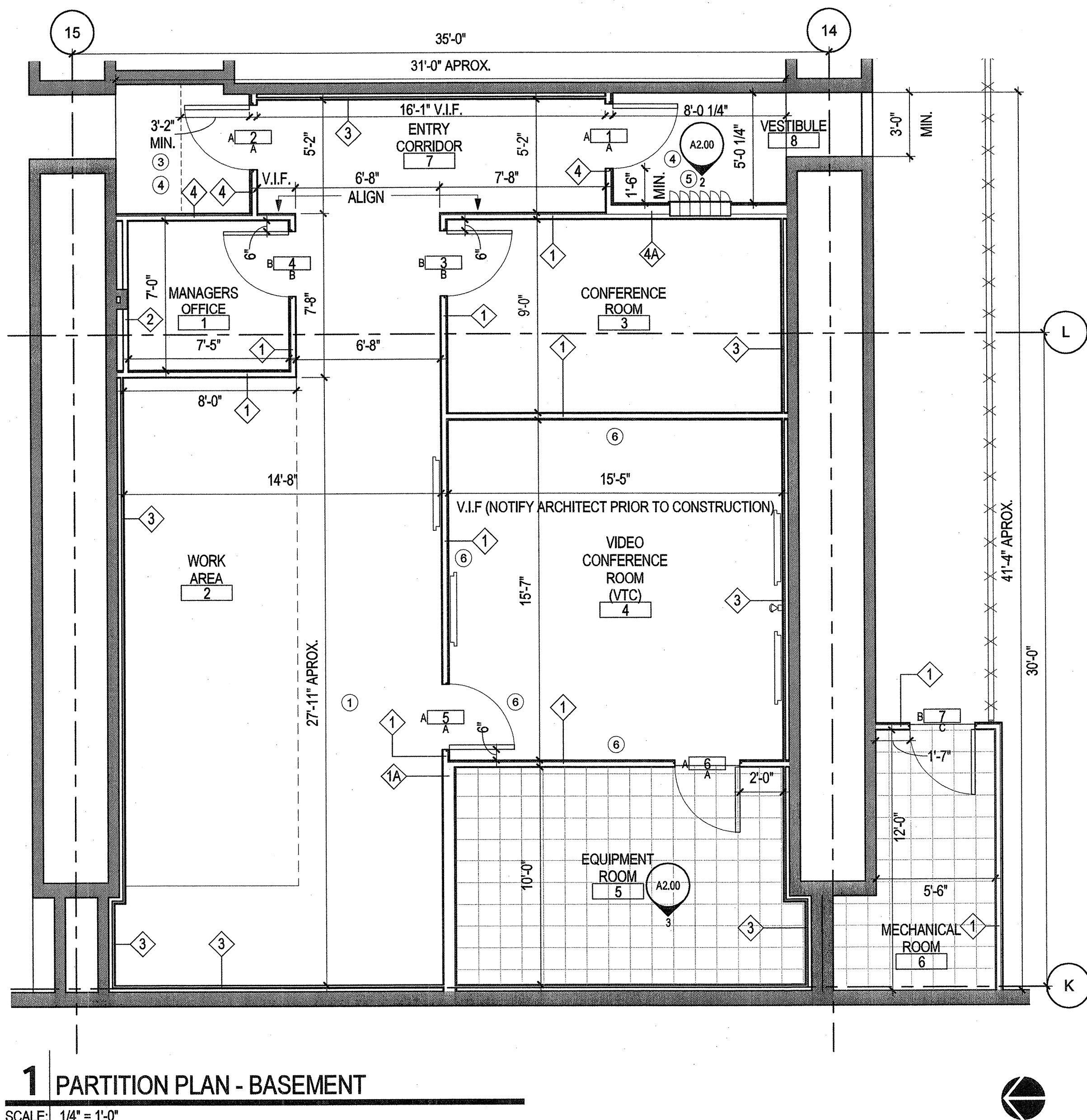
APPLICABLE CODE: 2006 ICC INTERNATIONAL BUILDING CODE
2006 ICC INTERNATIONAL ENERGY CONSERVATION CODE
2006 ICC INTERNATIONAL MECHANICAL CODE
2005 NFPA NATIONAL ELECTRICAL CODE
2008 DC CONSTRUCTION CODES SUPPLEMENT
ANSI/MFT 1995
ADA
2010 NFPA 13 NATIONAL SPRINKLER CODE
2010 NFPA 72 NATIONAL FIRE ALARM CODE
2006 NFPA 101 LIFE SAFETY CODE

TOTAL = 18 OCCUPANTS
ACTUAL = 18 OCCUPANTS

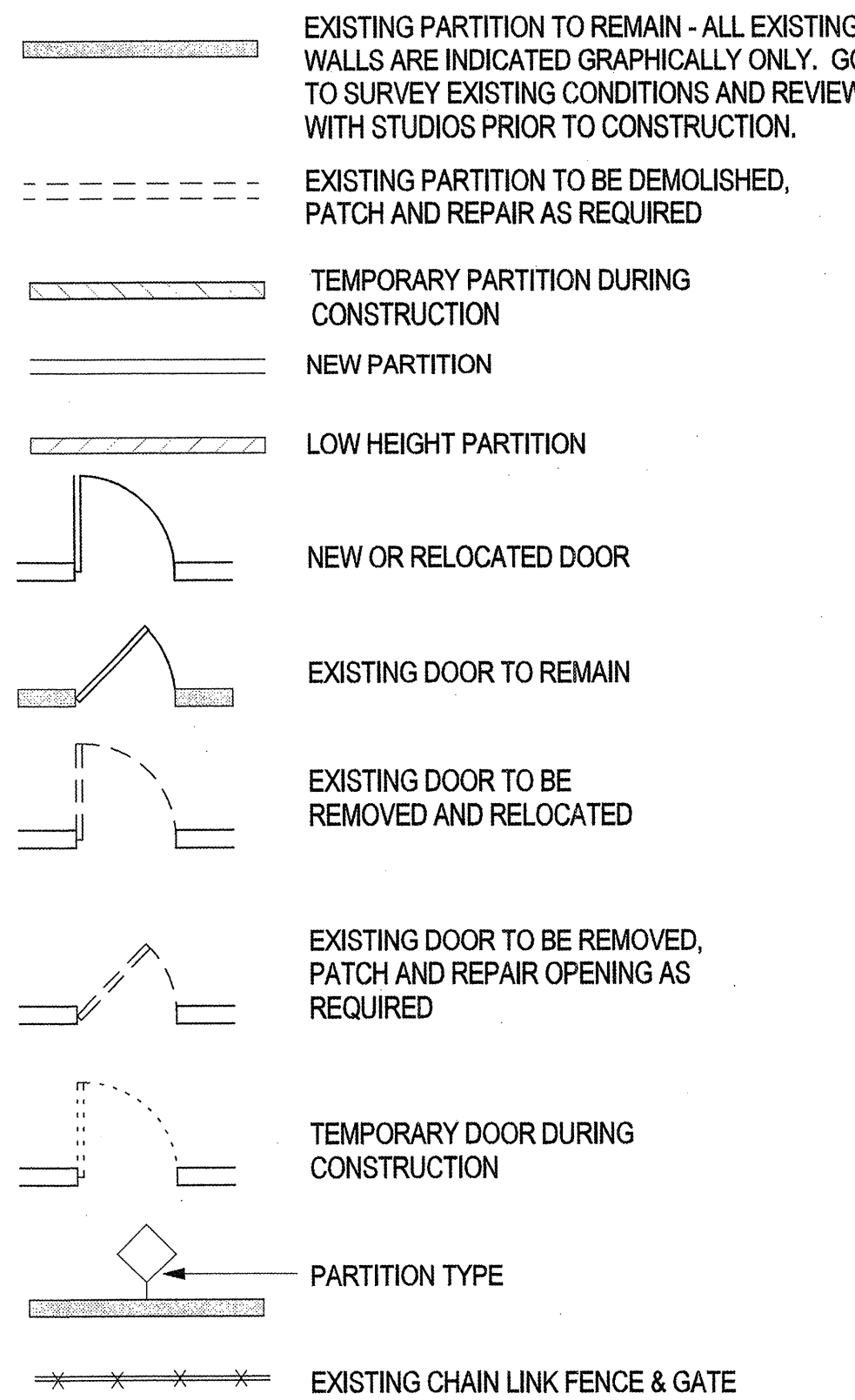
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PROJECT NO. 09101.00



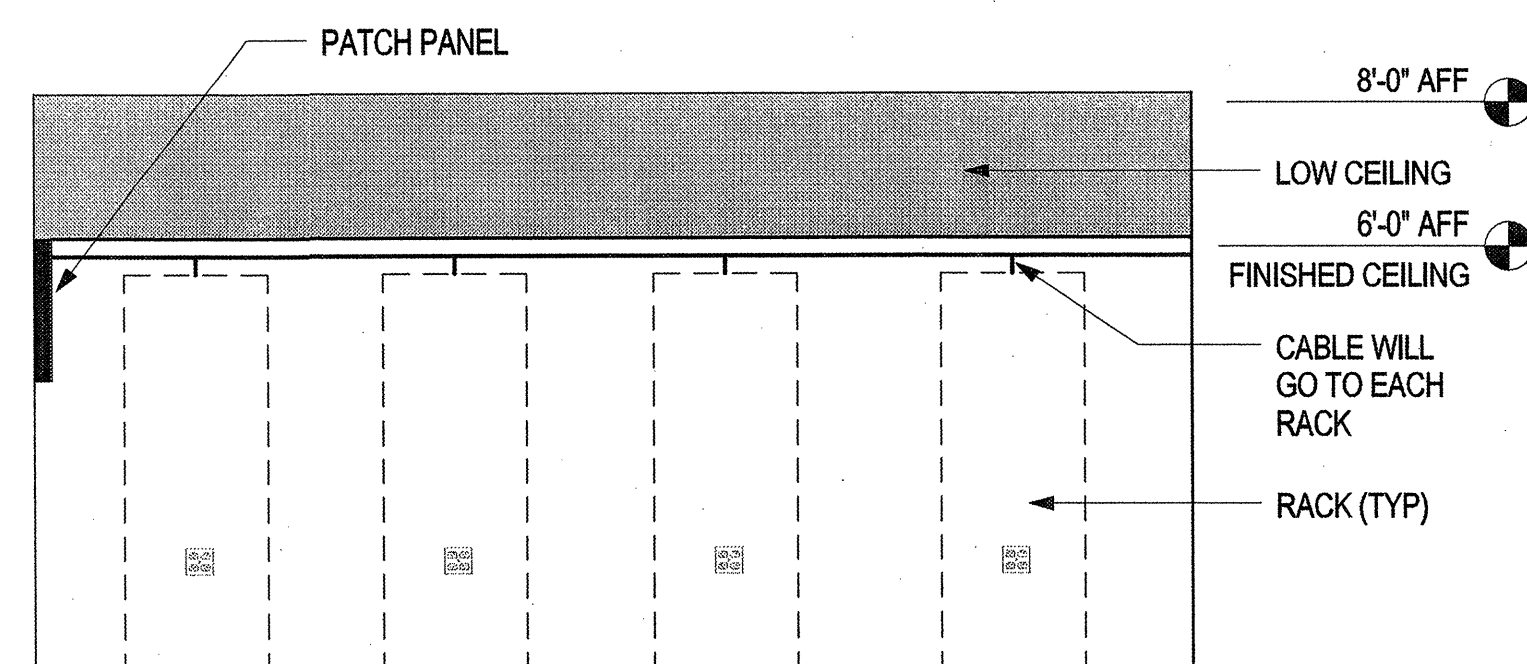
PARTITION/DEMOLITION LEGEND



PARTITION PLAN SHEET NOTES

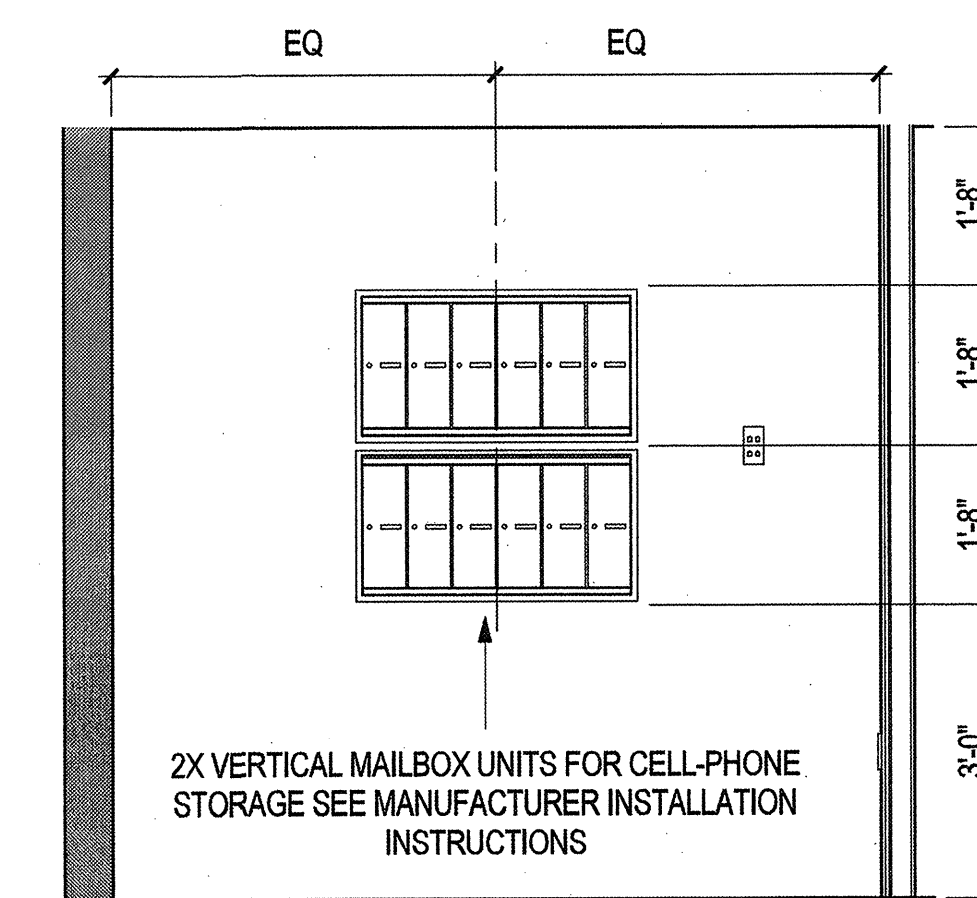
- EXISTING SLOPED FLOOR TO BE LEVELED TO A TOLERANCE OF 1/4" SLOPE IN 10 FEET.
- CONTRACTORS ARE RESPONSIBLE FOR OBTAINING ALL NECESSARY TRADE PERMITS AND INSPECTIONS.
- CONFIRM ADEQUATE CLEARANCE FROM SOFFIT FOR DOOR SWING
- PERIMETER WALLS OF SECURE AREA TO COMPLY WITH DCI DIRECTIVE NO. 6/9 ARTICLE 4.2: WALLS FLOOR AND CEILING WILL BE PERMANENTLY CONSTRUCTED AND ATTACHED TO EACH OTHER. TO PROVIDE VISUAL EVIDENCE OF ATTEMPTED ENTRY, ALL CONSTRUCTION ... MUST BE DONE IN SUCH A MATTER AS TO PROVIDE VISUAL EVIDENCE OF UNAUTHORIZED PENETRATION.
- SECURITY LATH TO CONTINUOUSLY SECURE AROUND AND BEHIND VESTIBULE STORAGE CUBBY. ALL JOINTS AND GAPS AROUND VESTIBULE STORAGE CUBBY TO BE SEALED TO PREVENT SOUND TRANSMISSION AND AIR INFILTRATION.
- ALL WALLS AND DOORS IN THE VIDEO CONFERENCE ROOM (EQUIPMENT ROOM) AND CONFERENCE ROOM NEED TO BE RATED AT STC 50 OR GREATER.

VESTIBULE STORAGE CUBBY		
Manufacturer	Model	Description
SALSBURY INDUSTRIES	3506R	2 STACKED VERTICAL 6 MAILBOX UNITS FOR 12 UNITS OF CELL PHONE STORAGE



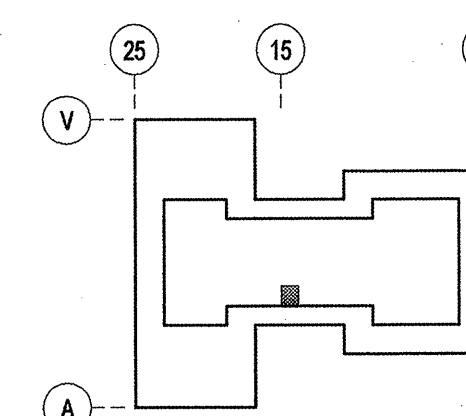
3 INTERIOR ELEVATION - EQUIPMENT ROOM

SCALE: 3/8" = 1'-0"



2 INTERIOR ELEVATION - VESTIBULE STORAGE CUBBY

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



KEY PLAN

SCALE: N.T.S.

GENERAL PARTITION NOTES

- FLOOR TOLERANCE: FINISHED FLOOR SLABS TO BE LEVELED TO A TOLERANCE OF 1/4" SLOPE IN 10 FEET. GENERAL CONTRACTOR TO IMMEDIATELY VERIFY SLOPE AND REPORT ANY DEVIATIONS FROM ABOVE STATED TOLERANCE TO STUDIOS PRIOR TO COMMENCING WORK. ALIGNMENT OF DOOR HEADS AND OTHER CRITICAL HORIZONTAL ELEMENTS SHALL BE MAINTAINED AT A CONSTANT LEVEL AND SHALL NOT FOLLOW VARIATIONS IN FLOOR PLANES. CONTRACTOR TO PROVIDE AN ALLOWANCE FOR FLASH PATCHING REQUIRED TO EXCEED THIS TOLERANCE IF NECESSARY FOR THE LEVEL INSTALLATION OF A PARTITION SYSTEM.
- G.C. TO LAY OUT ALL PARTITIONS IN CHALK ON FLOOR SLAB FOR APPROVAL BY THE GENERAL SERVICES ADMINISTRATION / DEPARTMENT OF LABOR (GSA / DOL) BEFORE BEGINNING CONSTRUCTION.
- ALL PARTITIONS TO STRUCTURE ARE FOR ACOUSTICAL SEPARATION AND/OR SECURITY, NOT FOR FIRE RATING UNLESS OTHERWISE NOTED (U.O.N.).
- PARTITION TYPES ABOVE DOOR ARE TO BE SAME AS THE ADJACENT PARTITION U.O.N.
- PARTITIONS SHOWN TO ALIGN WITH THE FACE OF EXISTING CONSTRUCTION OR NEW PARTITIONS SHOULD ALIGN FINISHED FACE TO FINISHED FACE. LAMINATE ADDITIONAL LAYER OF GWB FROM NEW TO EXISTING CONSTRUCTION AS REQUIRED TO PRODUCE FLUSH APPEARANCE WITH NO VISIBLE JOINTS.
- ALL DIMENSIONS ARE SHOWN FROM FINISHED FACE OF GWB TO FINISHED FACE OF GWB U.O.N.
- DIMENSIONS INDICATED TO BE "CLEAR" OR TO HOLD SHALL BE MAINTAINED. ANY DISCREPANCIES OR VARIATIONS ON THESE DIMENSIONS SHALL BE REVIEWED WITH GSA / DOL BEFORE BEGINNING CONSTRUCTION.
- ANY DIMENSION NOTED "VERIFY" MUST BE REVIEWED WITH THE GSA / DOL BEFORE BEGINNING CONSTRUCTION.
- PROVIDE RETURN AIR OPENINGS ABOVE CEILING IN PLENUM TO ROOMS WITH SLAB TO SLAB PARTITIONS - SEE ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION. REPORT ANY CONFLICTS, DISCREPANCIES OR OMISSIONS TO THE GSA / DOL IN WRITING PRIOR TO PROCEEDING.
- PROVIDE AND INSTALL FIRE RETARDANT WOOD BLOCKING AS REQUIRED AT ALL WALL-HUNG SHELVING, CABINETS, WOOD PANELS, EQUIPMENT, LIGHT FIXTURES AND OTHER MILLWORK WITHIN GWB CONSTRUCTION. VERIFY SHOP STANDARD WITH MILLWORK SUBCONTRACTOR AND REVIEW WITH DOL FOR ACCEPTANCE PRIOR TO INSTALLATION.
- G.C. TO COORDINATE AND REVIEW WITH BUILDING OWNER THE SIZE AND LOCATION OF ALL SLAB PENETRATIONS PRIOR TO BEGINNING ANY WORK. ALL REQUIRED PENETRATIONS SHALL BE MADE IN ACCORDANCE WITH THE OWNER'S APPROVED METHODS AND PROCEDURES. SEAL AS REQUIRED TO MEET ALL ACCEPTABLE CODES AND FIRE RATINGS. VERIFY CONDITIONS IN THE FIELD.
- DO NOT SCALE DRAWINGS - DIMENSIONS GOVERN. VERIFY DIMENSIONS WITH FIELD CONDITIONS. IF DISCREPANCIES ARE DISCOVERED BETWEEN FIELD CONDITIONS AND DRAWINGS, CONTACT GSA / DOL FOR RESOLUTION BEFORE PROCEEDING.
- ALIGN MEANS SIMILAR COMPONENTS OF CONSTRUCTION, I.E. WALLS, JAMBS, ETC. SHALL BE IN A LINE ACROSS VOIDS.

- DOTTED LINE INDICATES SOFFIT ABOVE - SEE REFLECTED CEILING PLAN AND/OR DETAILS NOTED FOR EXACT HEIGHT.
- DOTTED LINE AT CUSTOM MILLWORK INDICATES MILLWORK ABOVE - SEE DETAILS/ELEVATIONS FOR MORE INFORMATION.
- PROVIDE BRACING AT ALL DOORS AND GLAZED OPENINGS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR TO PROVIDE PROTECTION OF ALL MATERIALS THROUGH ALL PHASES OF CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE CLEANING AND REMOVAL OF ALL DEBRIS UNTIL THE PREMISES ARE ACCEPTED IN A CLEAN AND HABITABLE CONDITION BY THE OWNER.
- PROVIDE ALL NECESSARY INSTRUCTIONS TO THE OWNER IN THE OPERATION OF ALL MATERIALS, ITEMS AND EQUIPMENT INSTALLED OR CONSTRUCTED.
- PROVIDE EQUIPMENT MAINTENANCE AND INSTRUCTION MANUALS. MANUALS TO BE SUBMITTED TO THE GSA / DOL / ENGINEER FOR REVIEW.
- CONTRACTOR TO PROVIDE MANUFACTURER'S CUT SHEETS AND PRODUCT DATA OF SPECIFIED ITEMS FOR STUDIOS' REVIEW PRIOR TO ORDERING.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR MILLWORK AND SPECIALTY CONSTRUCTION ITEMS FOR GSA / DOL REVIEW.
- CONTRACTOR TO PROVIDE ADEQUATE DEPTH IN PARTITION FRAMING AT COLUMNS & COORDINATE STUD LOCATION FOR ALL TELEPHONE / DATA / ELECTRICAL DEVICES TO BE INSTALLED AT THAT LOCATION.
- CONTRACTOR TO FILL ALL EXISTING AND NEW HOLES AND / OR VOIDS IN SLABS AND RATED WALLS WITH APPROVED "FIRESTOP" MATERIAL AS REQUIRED TO MAINTAIN FIRE RATING OF FLOOR ASSEMBLY AND WALLS.
- IMMEDIATELY REPAIR ALL CONSTRUCTION IN ADJACENT OCCUPIABLE SPACES DISTURBED BY NEW MEP WORK SHOWN IN THESE DOCUMENTS. VERIFY CONDITIONS IN THE FIELD.
- FLASH CONCRETE SLAB AS REQUIRED FOR A UNIFORM TRANSITION BETWEEN DIFFERENT FLOOR FINISHES.
- EXISTING INTERIOR SURFACES TO REMAIN THAT WILL BE EXPOSED TO VIEW SHALL BE REPAIRED, FILLED, AND PATCHED AS REQUIRED FOR A VISUALLY FLUSH, UNIFORM AND NEAT SURFACE TO RECEIVE FINAL APPLIED FINISH. VERIFY CONDITIONS IN THE FIELD.

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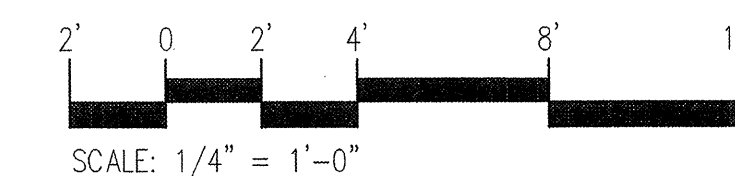
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Syska Hennessy
GROUP

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10-0122	ADDENDUM #1	
09-1023	100% SUBMITTAL	100%
09-0904	FOR REVIEW	95%
DATE	REVISION	NUMBER

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DATE SIGNED: _____

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GENERAL SERVICES ADMINISTRATION
NATIONAL CAPITAL REGION
MARYLAND NORTH/NOVA
METROPOLITAN SERVICE DELIVERY TEAM

CLIENT AGENCIES		FIRE PROTECTION	ENVIRONMENTAL PROTECTION
HISTORIC PRESERVATION	BUILDING MANAGER	SPACE MANAGEMENT	CONSTRUCTION

ARCHITECTURAL	STRUCTURAL	MECHANICAL	ELECTRICAL
NAME	DOL, FRANCES PERKINS BLDG		
ADDRESS	200 CONSTITUTION AVENUE NORTHWEST WASHINGTON DC 20210		

NUMBER	DC-01162Z
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DESCRIPTION	US DEPARTMENT OF LABOR SCIF FACILITY
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NUMBER	A0537447		
DESIGNED BY	DRAWN BY	CHECKED BY	DATE

TITLE	PARTITION PLAN
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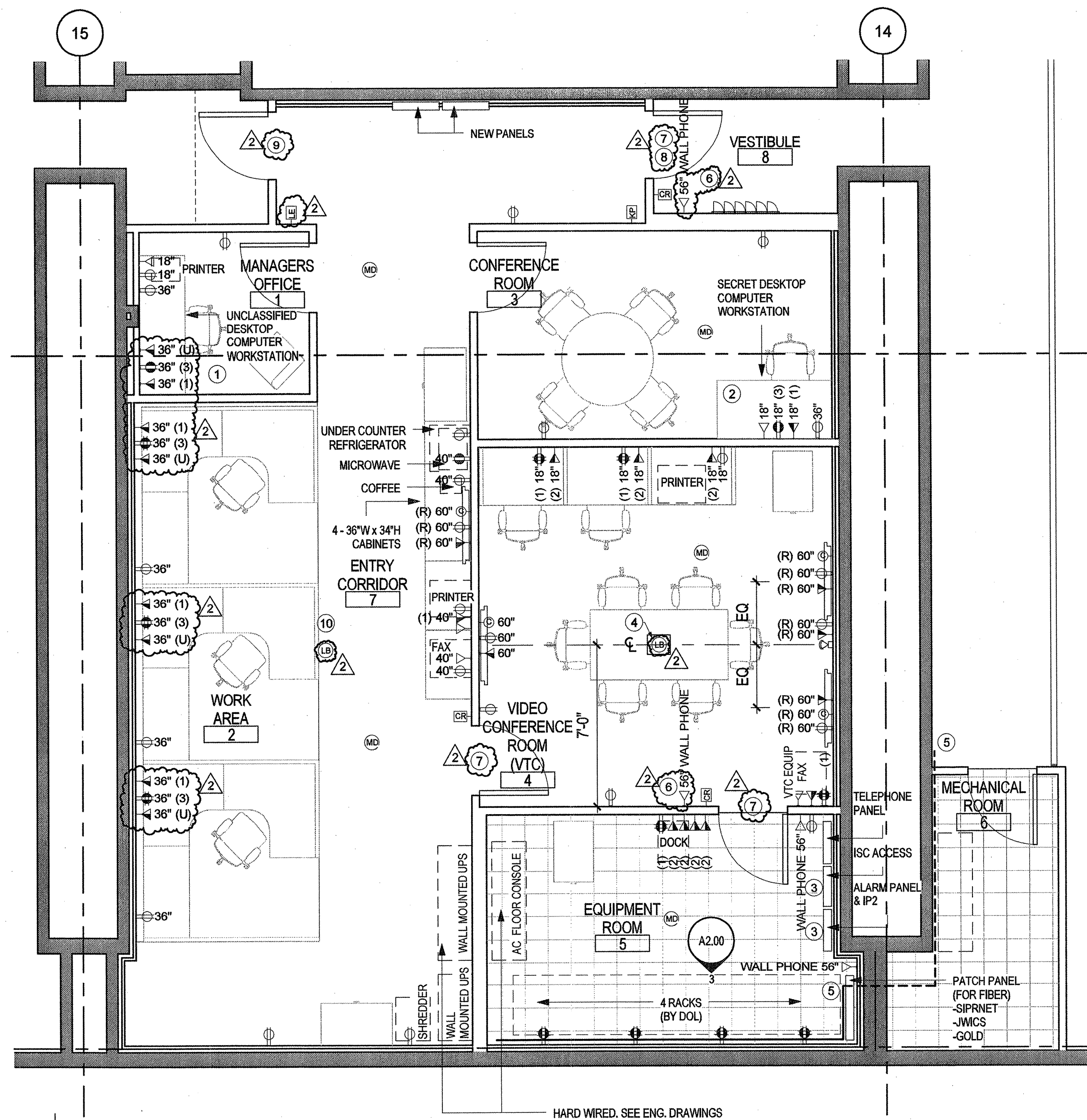
TYPE	ARCHITECTURAL
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NUMBER	A2.00
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A/E	CONTRACT NO
GENERAL CONTRACTOR	CONTRACT NO

PROJECT NO.

09/01/09



1 RECEPTACLE PLAN - BASEMENT

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

GENERAL RECEPTACLE & EQUIPMENT NOTES

- STANDARD OUTLET MOUNTING HEIGHT SHALL BE 18" AFF UNLESS OTHERWISE NOTED (U.O.N.)
- ALL OUTLETS AT NON-STANDARD MOUNTING HEIGHTS SHALL BE INSTALLED FROM THE FLOOR SLAB TO CENTERLINE OF OUTLET, HORIZONTALLY AT DESIGNATED HEIGHT ABOVE MILLWORK, U.O.N. CONTRACTOR TO COORDINATE CLEARANCE REQUIRED WITH SCHEDULED FLOOR FINISH AND SLAB LEVELING REQUIREMENTS.
- ALL OUTLETS ARE DIMENSIONED FROM FINISH FACE OF WALL (OR PARTITION) TO CENTERLINE OF OUTLET. ALL OUTLETS SHOWN GROUPED TOGETHER SHALL NOT BE MORE THAN 4 INCHES APART, U.O.N. SEE ELEVATION FOR DETAILS.
- MULTIPLE OUTLETS AND SWITCHES SHALL BE GANGED IN ONE BOX AND HAVE A SINGLE COVERPLATE.
- ALL RECEPTACLES ON COLUMNS SHALL BE INSTALLED ON COLUMN CENTERLINE, U.O.N. GENERAL CONTRACTOR TO INCLUDE PRICE TO FURR OUT COLUMN AS NECESSARY TO ACCOMMODATE RECEPTACLE AS REQUIRED - SEE ALSO PARTITION PLAN & NOTES.
- REFER TO ARCHITECTURAL DOCUMENTS AND APPROVED SHOP DRAWINGS FOR EXACT LOCATION OF ALL OUTLETS (VERTICALLY AND HORIZONTALLY) IN WALLS, FLOORS AND MILLWORK, AND COORDINATE.
- ALL FLOOR OUTLET LOCATIONS ARE TO BE "MARKED" IN ORANGE SPRAY PAINT BY THE GENERAL CONTRACTOR AND APPROVED BY STUDIOS OR OWNER IN THE FIELD PRIOR TO OUTLET INSTALLATION.
- REFER TO ENGINEERING DOCUMENTS FOR RECEPTACLE TYPES, SPECIFICATIONS AND CIRCUITING.
- ANY DISCREPANCIES OR CONFLICTS BETWEEN PARTITION TYPE PLANS, RECEPTACLE PLANS, ENGINEERING DOCUMENTS, ARCHITECTURAL ELEVATIONS, MILLWORK AND/OR FIELD CONDITIONS SHALL BE CLARIFIED WITH STUDIOS AND SUBMITTED IN WRITING PRIOR TO BEGINNING WORK.
- OUTLETS INDICATED ON BOTH SIDES OF A PARTITION SHALL BE STAGGERED 4" U.O.N. PROVIDE ADDITIONAL STUD BETWEEN BOXES AS REQUIRED TO ACHIEVE THIS.
- OUTLETS ADJACENT TO "WET" AREAS ARE TO BE GROUND FAULT INTERRUPTION (GFI) TYPE.

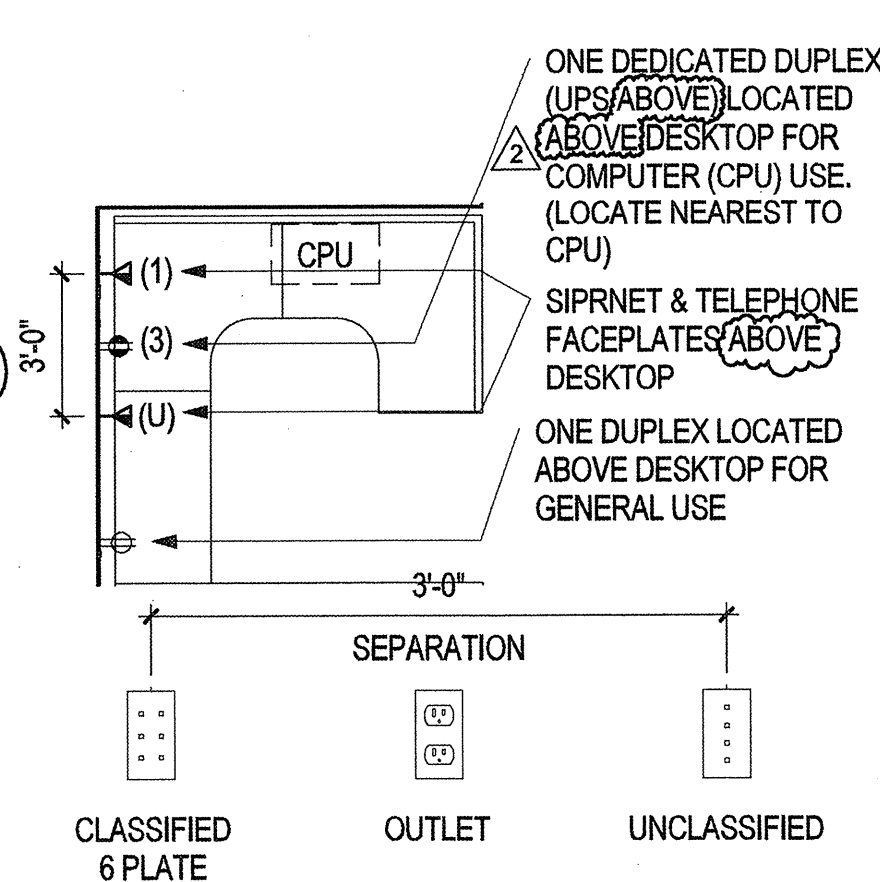
- GENERAL CONTRACTOR TO VERIFY AND COORDINATE OUTLET LOCATIONS WITH MILLWORK.
- GENERAL CONTRACTOR TO PROVIDE GROMMETS IN MILLWORK ABOVE EACH OUTLET U.O.N. REVIEW WITH GSA / DOL FOR MOUNTING INSTRUCTIONS AND PROPOSED GROMMET SIZES, FINISHES AND LOCATIONS.
- FIRE ALARM HORN/STROBE DEVICES TO MATCH EXISTING UNITS IN BUILDING (DOL TO PROVIDE STANDARD).
- COORDINATE AND VERIFY ALL THERMOSTAT LOCATIONS AND WALL MOUNTED LIFE SAFETY ITEMS WITH OWNER PRIOR TO INSTALLATION. SEE ALSO STANDARD DEVICE MOUNTING DRAWING FOR REQUIRED ALIGNMENTS. ALL THERMOSTAT DEVICES TO BE WHITE, U.O.N.
- PROVIDE 3/4" DIA. CONDUIT TO TELECOMMUNICATIONS RECEPTACLES UNLESS OTHERWISE REQUIRED BY DOL I.T. VENDOR.
- GENERAL CONTRACTOR TO INCLUDE NECESSARY CROSS BRACING BETWEEN STUDS AND FIELD COORDINATION BETWEEN TRADES TO ACCOMMODATE SPECIFIC LOCATIONS.
- CONTRACTOR TO PROVIDE CONDUITS FOR A/V EQUIPMENT FROM LOCATION OF THE EQUIPMENT TO CONTROL LOCATION (SEE ENGINEER DRAWINGS AND OWNER'S A/V CONTRACTOR DRAWINGS).
- SCHEDULED EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR, U.O.N. WHERE ITEMS ARE SCHEDULED TO BE FURNISHED BY TENANT AND INSTALLED BY GC CONTRACTOR SHALL INSTALL EQUIPMENT & ANY REQUIRED ACCESSORIES.
- EXACT LOCATIONS OF THERMOSTATS SHALL BE IDENTIFIED BY G.C. AND VERIFIED IN FIELD BY STUDIOS PRIOR TO INSTALLATION. ALL THERMOSTATS TO BE CENTERED NEXT TO LIGHT SWITCH U.O.N. VERIFY CONFLICTS WITH STUDIOS. REFER TO ENGINEERING DRAWINGS FOR QUANTITY REQUIRED.
- ALL SWITCHES LOCATED ON PARTITIONS ADJACENT TO DOOR SWINGING AGAINST PARTITION TO BE POSITIONED CLEAR OF DOOR SWING AND VISIBLE WHEN DOOR IS FULLY OPEN. ALL ROOMS TO BE SWITCHED INDIVIDUALLY U.O.N.

RECEPTACLE PLAN NOTES

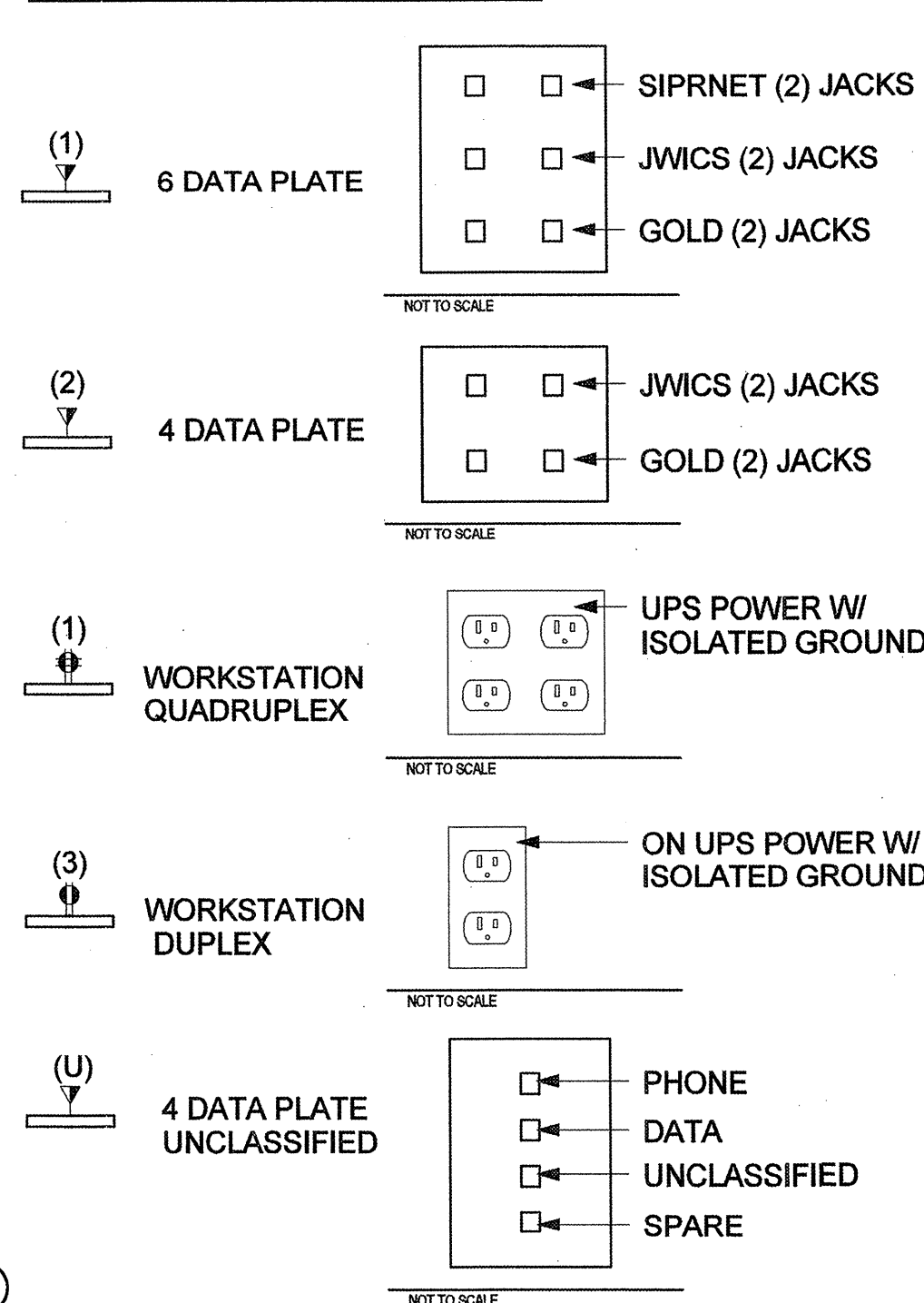
- CONDUIT FOR MANAGER COMPUTER STATION TO BE TERMINATED ABOVE CEILING.
- CONTRACTOR TO PROVIDE CONDUITS AND DATA DROPS TO BE TERMINATED IN EQUIPMENT ROOM.
- STANDARD COPPER PATCH PANEL. MAINTAIN SEPARATION FROM FIBER.
- FLOOR BOX UNDER CONFERENCE TABLE CONTAINS:
2x 2 DATA PLATES TYPE (2) (JWICS AND GOLD)
2x PHONE VOIP
2x DEDICATED DUPLEX
2x PHONE STE
1x VTC POLY COM
FLOOR BOX FED BY CHANNEL DROPPED IN FLOOR
CONTRACTOR TO PROVIDE FOR A/V EQUIPMENT CONDUITS ONLY FROM LOCATION OF EQUIPMENT TO CONTROL LOCATION.
CONTRACTOR TO PROVIDE FOR COMPUTER PORTS & VTC PORTS CONDUIT AND 8-PAIR CONNECTOR ENCLOSED IN A BOX AT THE EQUIPMENT LOCATION, CONDUITS SHALL BE TERMINATED AT VTC EQUIPMENT CONTROL ROOM.
- PATH OF FIBER WILL TERMINATE AT PATCH PANEL. DOL WILL BRING FROM MAIN CLOSET.
- PHONE WITH MONITORING STATION AT OWNER SELECTED LOCATION INSIDE SCIF.
- AT SCIF ENTRY DOOR, INSTALL A BIOMETRIC CARD READER W/ KEY PAD (LEVEL 3 OR 4), BALANCE MAGNETIC SWITCH (BMS), PASSIVE INFRARED SENSOR (PIR).
- INSTALL REMOTE ACCESS BUTTON TO CONTROL MAIN ENTRY DOOR, LOCATE AT OWNER SELECTED LOCATION INSIDE SCIF.
- INSTALL BALANCE MAGNETIC SWITCH (BMS) AND ENUNCIATOR AT EXIT DOOR.
- INSTALL PASSIVE INFRARED SENSOR (PIR) AT OWNER SPECIFIED LOCATION.

TYPICAL WORKSTATION

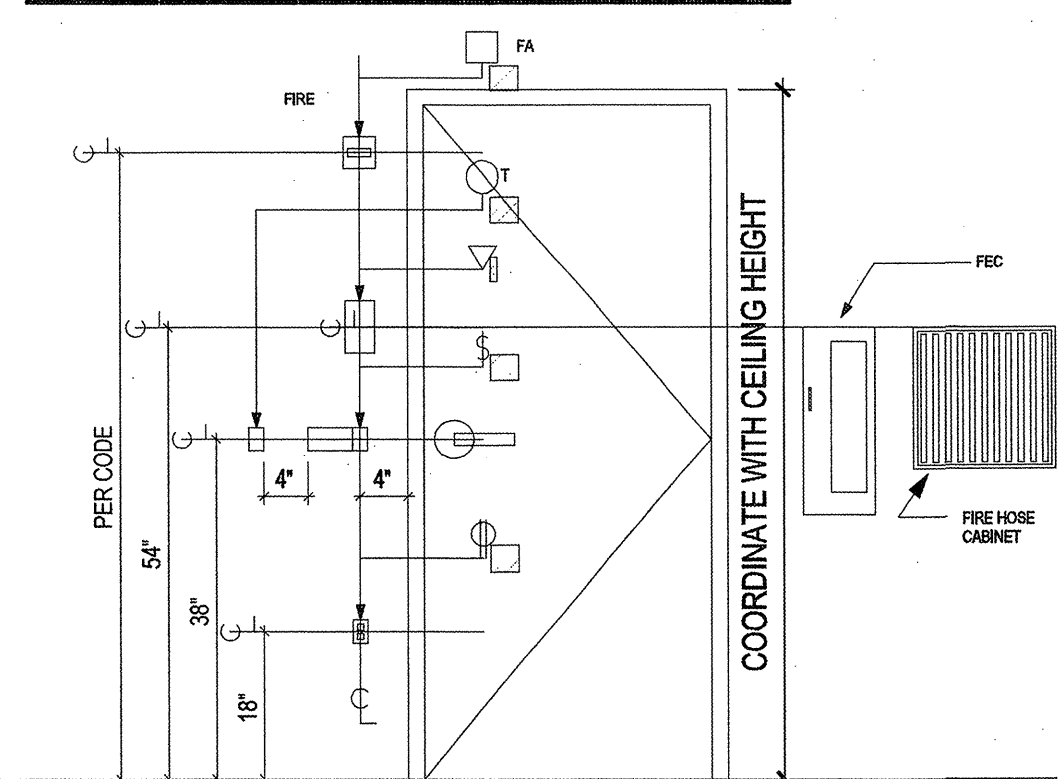
*NOTE WORKSTATION WILL BE CLASSIFIED AND UNCLASSIFIED



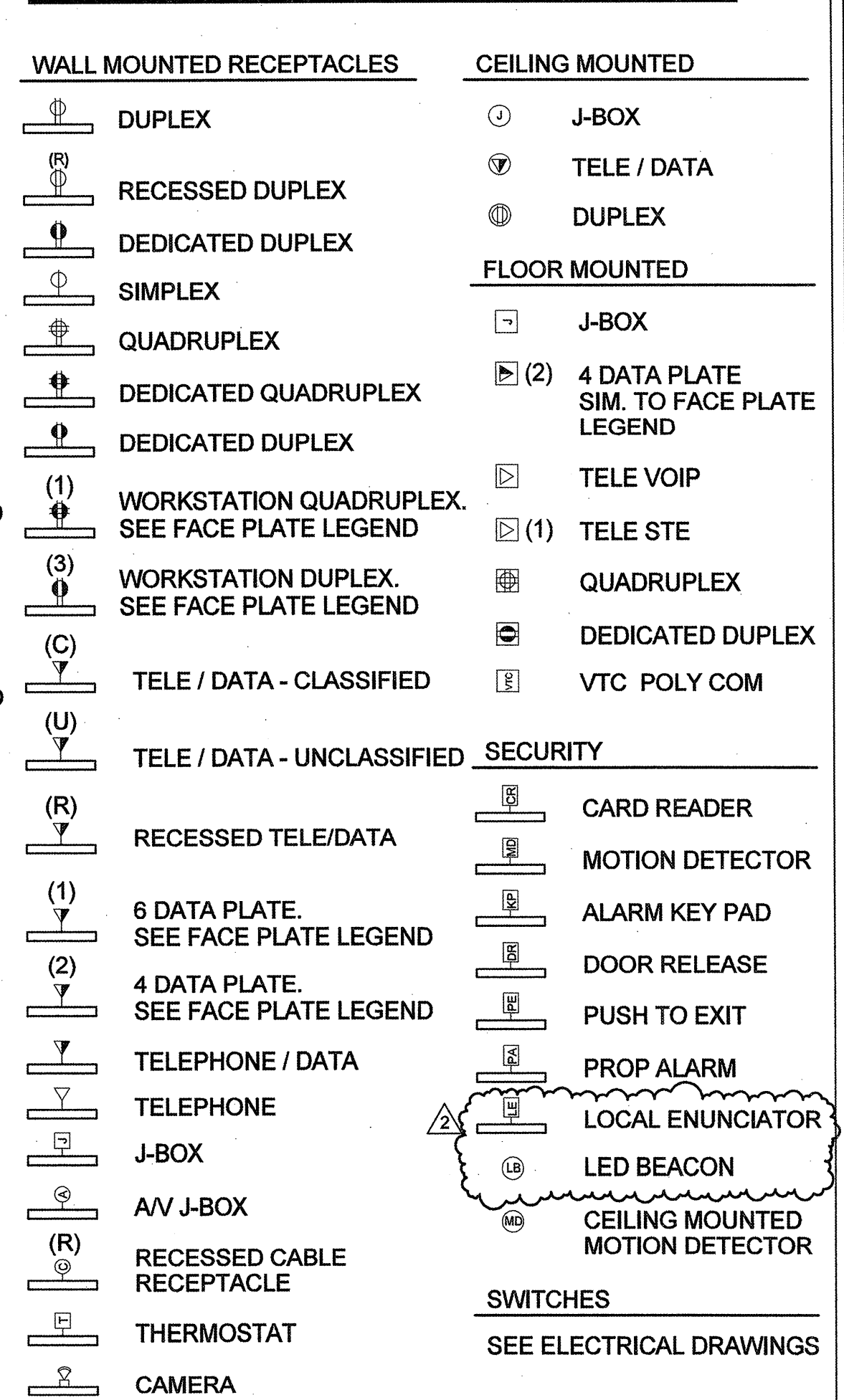
FACE PLATE LEGEND



TYPICAL DEVICE LOCATIONS



RECEPTACLE PLAN SYMBOL LEGEND



- GENERAL CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR RECEPTACLE LOCATIONS AND ENGINEERING DRAWINGS FOR CIRCUITING INFORMATION. IF THERE ARE ANY DISCREPANCIES, GENERAL CONTRACTOR SHALL DOCUMENT THE CONFLICT AND SUBMIT TO GSA / DOL IN WRITING FOR RESOLUTION PRIOR TO INSTALLATION.
- ALL CORRIDORS / OPEN WORK AREAS TO RECEIVE CONVENIENCE DUPLEX OUTLET EVERY 20' OR AS REQUIRED BY CODE, TYP.
- GC TO PATCH AND REPAIR ANY EXISTING WALL, WALL BASE, OR CEILING AS REQUIRED AFTER COMPLETION OF WORK.
- TELECOMMUNICATIONS CABLE TO END AT WALL DATA PORT.
- GC TO PROVIDE GROMMETS IN MILLWORK ABOVE EACH OUTLET, U.O.N. REVIEW MOUNTING INSTRUCTION, SIZE, AND COLOR WITH GSA / DOL PRIOR TO INSTALLATION.
- CONTRACTOR TO PROVIDE TRIM RING AND PULL STRING TIED OFF ABOVE CEILING AT ALL TELECOMMUNICATION AND AV CABLE OUTLETS INDICATED ON PLANS. GC TO COORDINATE WITH TENANTS TELECOMMUNICATION AND AV VENDORS. SEE ARCHITECTURAL PLANS FOR OUTLET LOCATION.
- TELEDATA SYMBOLS SHOWN ON PLANS ARE FOR LOCATION ONLY. SEE PHONE & DATA DRAWINGS FOR TYPES AND NUMBER OF PORTS.
- COMBINE ADJACENT RECEPTACLES IN SINGLE POKE THROUGH DEVICE OR FLOOR BOX WHEREVER POSSIBLE. REVIEW ALL LOCATIONS OF FLOOR MOUNTED DEVICES WITH GSA / DOL PRIOR TO MODIFICATIONS TO EXISTING DECK.
- INSTALL A PHONE AT MAIN ENTRY DOOR OF SCIF SPACE AND STORAGE AREA WITH MONITORING STATION AT OWNER SELECTED LOCATION INSIDE SCIF.

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2' 0 2' 4' 8' 16'

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DATE	REVISION	NUMBER
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09-0904	FOR REVIEW	95%

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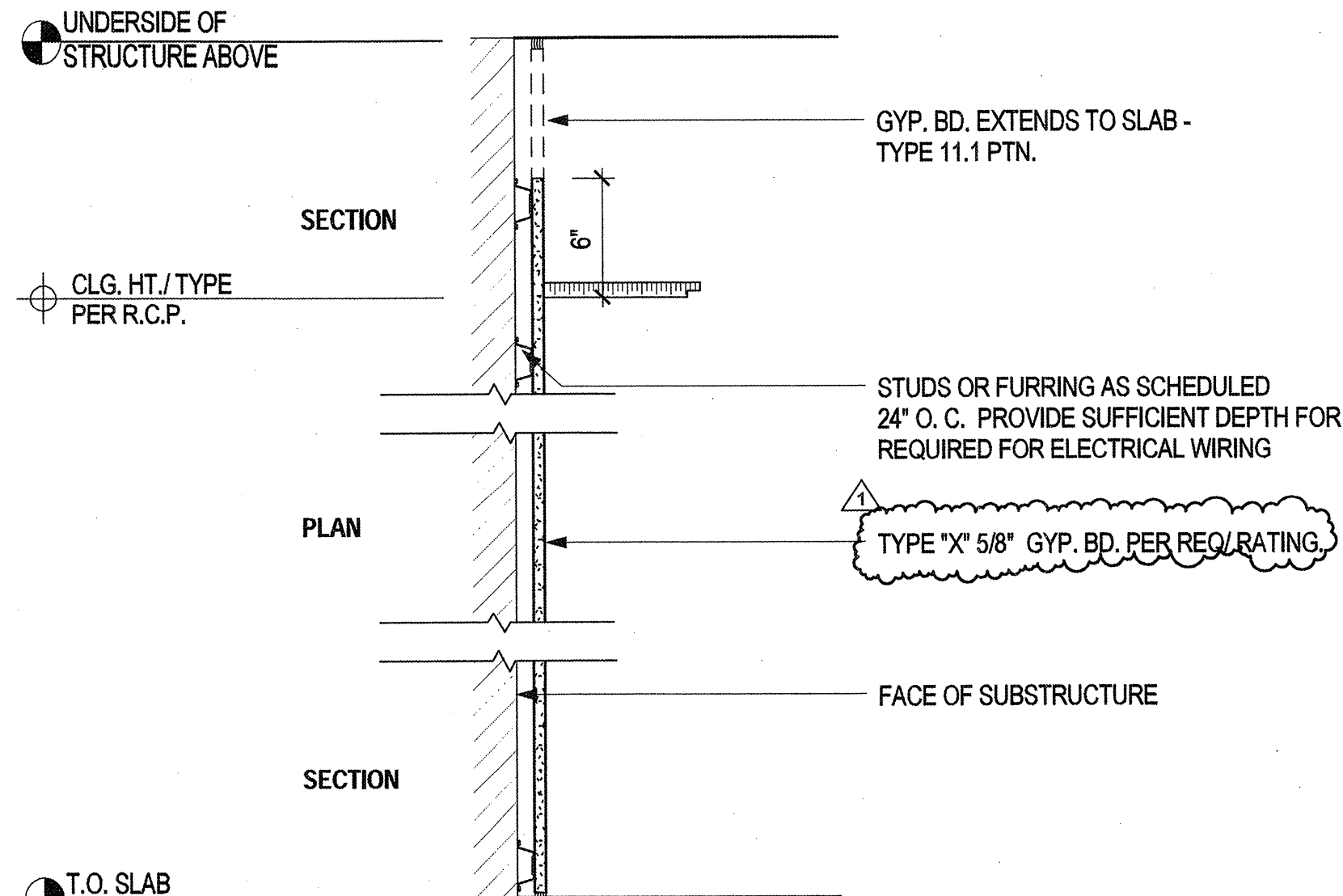
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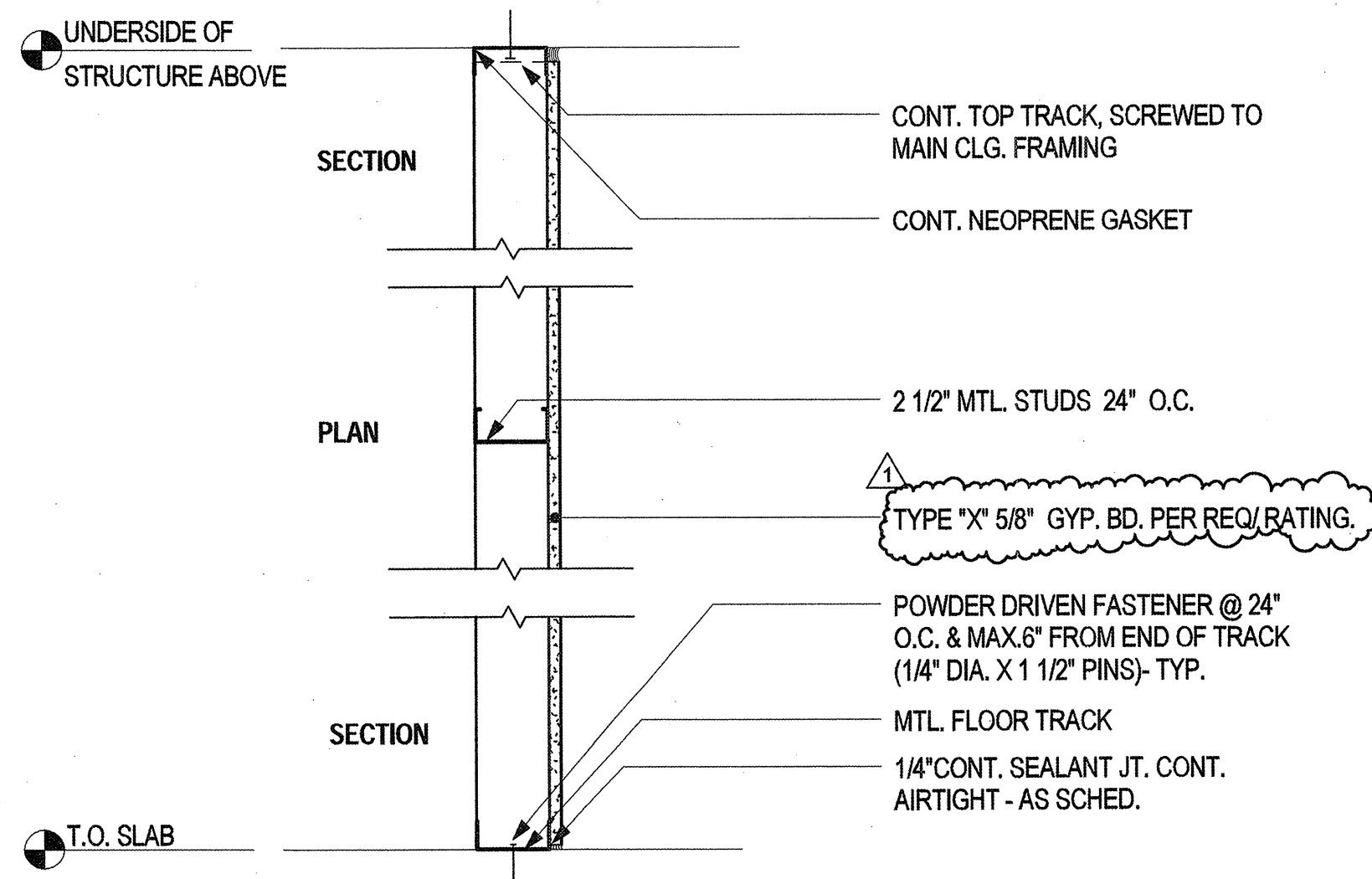
CLIENT AGENCIES	FIRE PROTECTION	ENVIRONMENTAL PROTECTION
HISTORIC PRESERVATION	BUILDING MANAGER	SPACE MANAGEMENT
CONSTRUCTION		
ARCHITECTURAL	STRUCTURAL	MECHANICAL
ELECTRICAL		
NAME	DOL, FRANCES PERKINS BLDG	
ADDRESS	200 CONSTITUTION AVENUE NORTHWEST WASHINGTON DC 20210	
NUMBER	DC-011622	
DESCRIPTION	US DEPARTMENT OF LABOR SCIF FACILITY	
NUMBER	A0537447	
DESIGNED BY	DRAWN BY	CHECKED BY
TITLE: RECEPTACLE & EQUIPMENT PLANS		
TYPE: ARCHITECTURAL		
NUMBER: A4.00		
A/E	CONTRACT NO.	
GENERAL CONTRACTOR	CONTRACT NO.	

DRAWING PROJECT BUILDING COVER SHEET APPROVALS

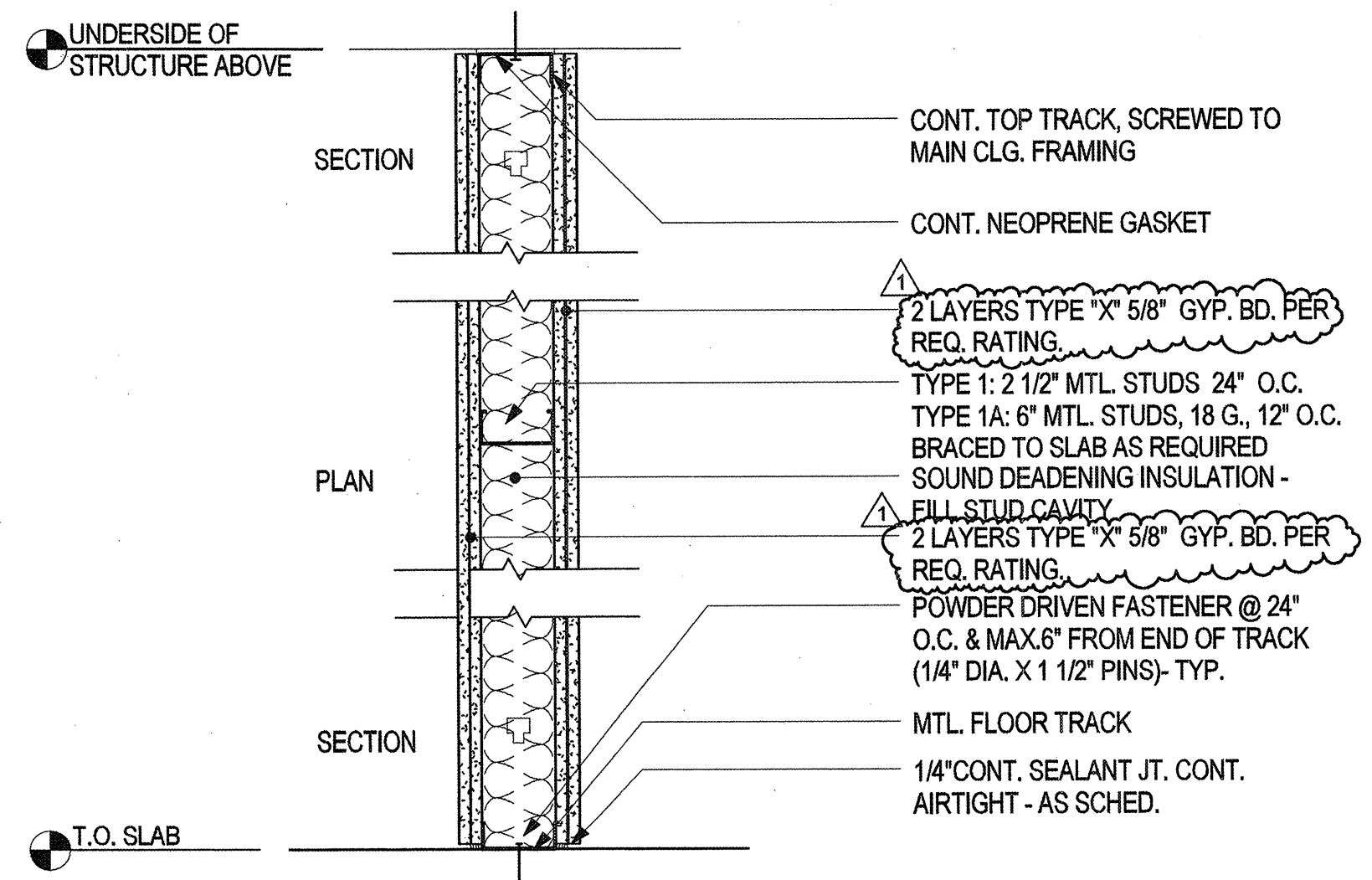
98101.00



3 PTN. TYPE 3 - NON-RATED FURRING PTN.
SCALE: N.T.S.



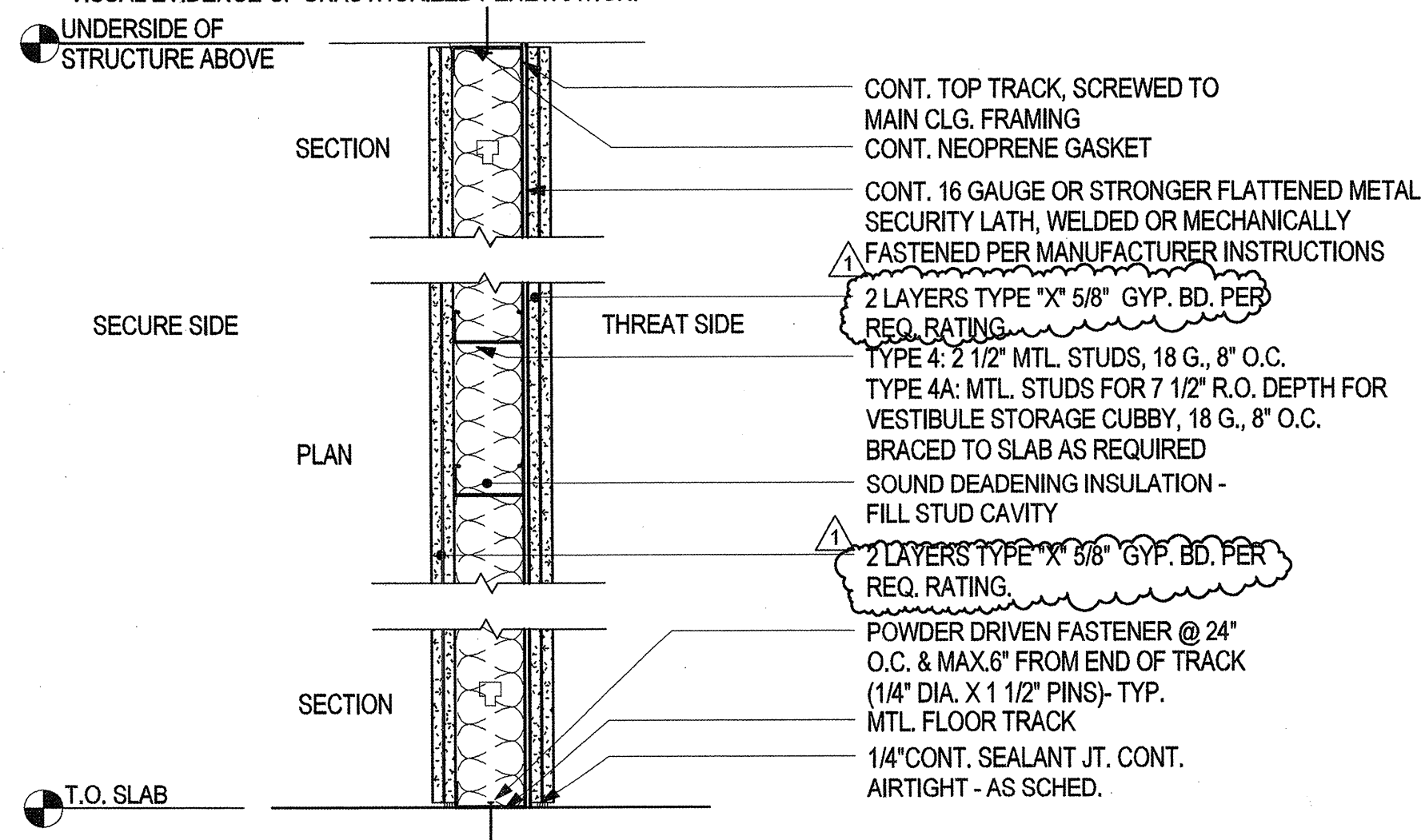
2 PTN. TYPE 2 - ONE SIDED GWB 2 1/2\"/>



1 PTN. TYPE 1 AND 1A - STC 51 - 1 HR. RATED
SCALE: N.T.S.

GENERAL NOTES

- SEE PARTITION SCHEDULE FOR DEPTH OF ALL DOORS & WINDOWS IN GYP. BOARD WALLS.
- INTERIOR DOORS - MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS.
- FIRE DOORS - THE AUTHORITY HAVING JURISDICTION MAY INCREASE THE MAXIMUM EFFORT TO OPERATE FIRE DOORS TO ACHIEVE POSITIVE LATCHING, BUT NOT TO EXCEED 15 POUNDS.
- TYPICAL JAMB DIMENSION IS 4" FROM ADJACENT PARTITION U.O.N.
- WIDTH / HEIGHT DIMENSIONS ARE LEAF OPENING SIZE
- SEE FINISH PLANS FOR FLOOR TRANSITION DETAILS
- ALL RATED DOORS INSTALLED ON THIS PROJECT SHALL COMPLY WITH IBC SECTIONS 713.2 & 713.6.3. "LABEL" SHALL MEAN "FIRE ASSEMBLY" AS DEFINED IN CBC SECTION 713.2. ALL 20 MINUTE RATED ASSEMBLIES SHALL BE PROVIDED WITH APPROVED GASKETING MATERIAL SO INSTALLED TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP. THE DOOR AND FRAME SHALL BEAR AN APPROVED LABEL OR OTHER IDENTIFICATION SHOWING THE RATING THEREOF, FOLLOWED BY THE LETTER "S". (CBC SECTION 1004.4.3.2.1) FIRE RATED DOOR FRAMES SHALL BE INSTALLED STRICTLY PER MANUFACTURER'S PRINTED INSTRUCTIONS. MANUFACTURER'S PRINTED INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES (CBC SECTION 713.4).
- WHERE A ROOM HAS ONLY ONE DOOR, DOOR NUMBER IS SAME AS ROOM NUMBER.
- SEE FINISH PLANS FOR ADDITIONAL THRESHOLD DETAILS.
- ALL FIRE ALARM WORK SHOULD BE COORDINATED WITH GSA FIRE ALARM SHOP, NOT DOL ENGINEERING. DOL WILL ASSIST AS NEEDED.
- PREPARE DOORS AND FRAMES FOR SECURITY HARDWARE AS NOTED. REFER TO SECURITY DWGS.
- ALL SECURITY DEVICES (SPECIAL EGRESS CONTROL) SHALL ADHERE TO CBC 1003.3.1.10 - ITEMS 1-6.
- PERIMETER WALLS OF SECURE AREA TO COMPLY WITH DCI DIRECTIVE NO. 68 ARTICLE 4.2: WALLS FLOOR AND CEILING WILL BE PERMANENTLY CONSTRUCTED AND ATTACHED TO EACH OTHER. TO PROVIDE VISUAL EVIDENCE OF ATTEMPTED ENTRY, ALL CONSTRUCTION ... MUST BE DONE IN SUCH A MANNER AS TO PROVIDE VISUAL EVIDENCE OF UNAUTHORIZED PENETRATION.



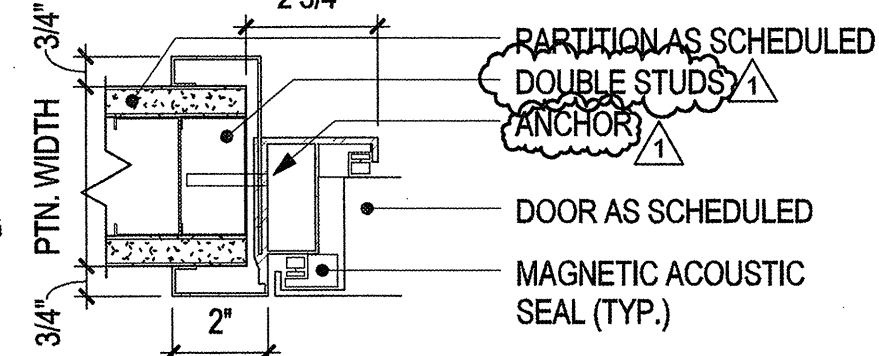
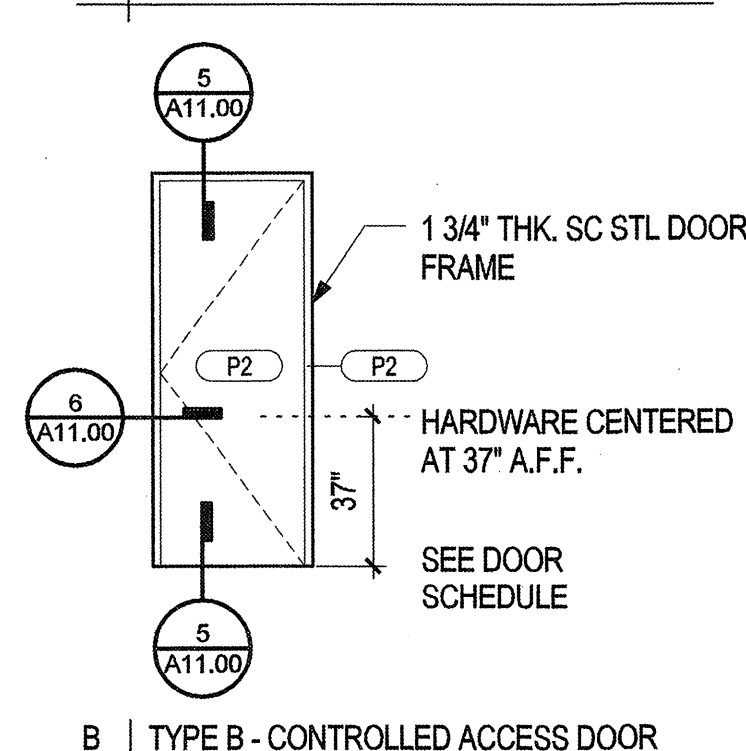
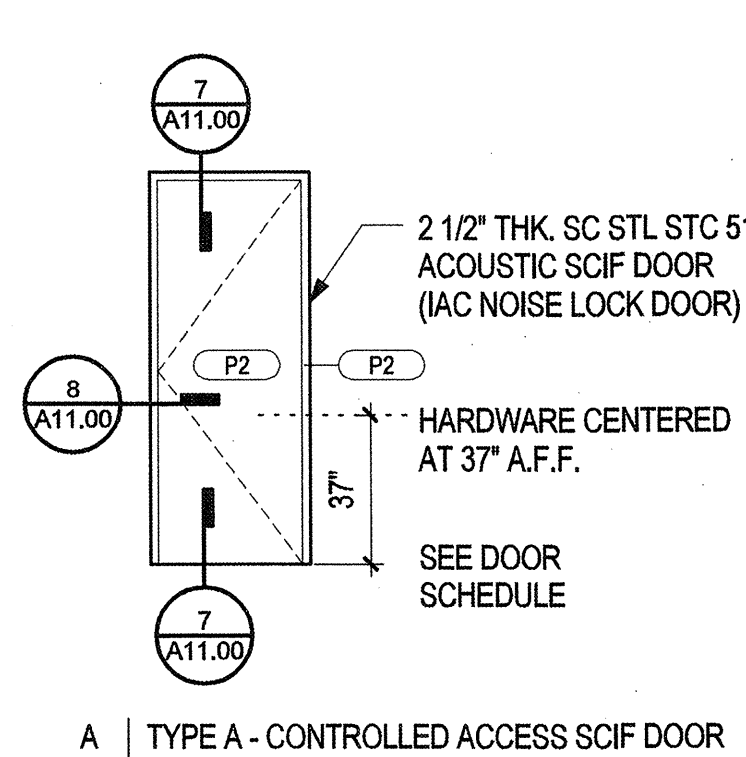
4 PTN. TYPE 4 AND 4A - 1 HR. RATED SECURITY
SCALE: N.T.S.

DOOR SCHEDULE - BASEMENT																		
Level	DOOR										FRAME						REMARKS	
	DOOR NO.	ROOM NAME	TYPE	GLASS TYPE	MAT'L	FIN.	WIDTH	HT.	THK.	MAT'L	FIN.	DETAILS			FIRE	HDW. GROUP		SEC.
												HEAD	JAMB	SILL				
BASEMENT	1	ENTRY CORRIDOR	A	-	STL	PTD	3'-0"	7'-0"	2 1/2"	STL	PTD	7/411.00	8/411.00	7/411.00	1 HOUR	A		STC 51 MIN.
BASEMENT	2	ENTRY CORRIDOR	A	-	STL	PTD	3'-0"	7'-0"	2 1/2"	STL	PTD	7/411.00	8/411.00	7/411.00	1 HOUR	A		STC 51 MIN.
BASEMENT	3	CONFERENCE ROOM	B	-	STL	PTD	3'-0"	7'-0"	2"	STL	PTD	5/411.00	6/411.00	5/411.00	1 HOUR	B		
BASEMENT	4	MANAGERS OFFICE	B	-	STL	PTD	3'-0"	7'-0"	2"	STL	PTD	5/411.00	6/411.00	5/411.00	1 HOUR	B		
BASEMENT	5	VIDEO CONFERENCE ROOM (VTC)	A	-	STL	PTD	3'-0"	7'-0"	2 1/2"	STL	PTD	7/411.00	8/411.00	7/411.00	1 HOUR	A		STC 51 MIN.
BASEMENT	6	EQUIPMENT ROOM	A	-	STL	PTD	3'-0"	7'-0"	2 1/2"	STL	PTD	7/411.00	8/411.00	7/411.00	1 HOUR	A		STC 51 MIN.
BASEMENT	7	MECHANICAL ROOM	B	-	STL	PTD	3'-0"	7'-0"	2"	STL	PTD	5/411.00	6/411.00	5/411.00	1 HOUR	C		

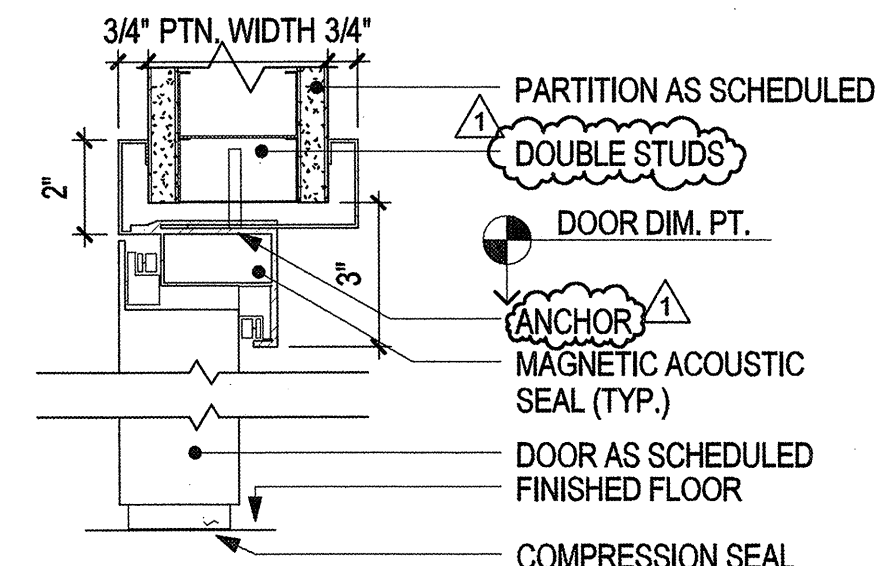
HARDWARE SCHEDULE						
Hardware Set	QTY	Item	Description	Finish	Manufacturer	Comments
A	1	Security combination lock, lever and plate package	LKM7003X-09 SERIES PACKAGE	US26D	Kaba Mas	(SCIF) Coordinate with specialty door
A	1 Set	Electrified lock with IC core			Simplex or Schlage	Provided and supplied RS door supplier, with best IC core
A	1	Card reader				Coordinate with security vendor
A	1	Closer	4040 SERIES	Aluminum	LCN	
A	3 or as req. by mfr.	Hinges	IAC, CAM-LIFT, BUTT-TYPE	US26D	IAC	See specification for required performance data
A	1	Door Stops	804011 Concave Wall Doorstop	Satin S.S.	Stanley	Center on door lever handle
B	1	Key lock	Commercial key lock		Simplex or Schlage	
B	1 Set	Card reader				Coordinate with security vendor
B	3	Hinges	Full Mortise, 5 Knuckle	Satin S.S.	Stanley	See specification for required performance data
B	1	Door Stops	804011 Concave Wall Doorstop	Satin S.S.	Stanley	Center on door lever handle
B	2 or as req. by frame	Door Silencers				
B	1	Closer	LCN 330 Series	Aluminum	LCN	Concealed
C	1	Key lock	Commercial key lock		Simplex or Schlage	
C	3	Hinges	Full Mortise, 5 Knuckle	Satin S.S.	Stanley	See specification for required performance data
C	1	Door Stops	804011 Concave Wall Doorstop	Satin S.S.	Stanley	Center on door lever handle
C	2 or as req. by frame	Door Silencers				
C	1	Kick plate		Satin S.S.		

LEGENDS

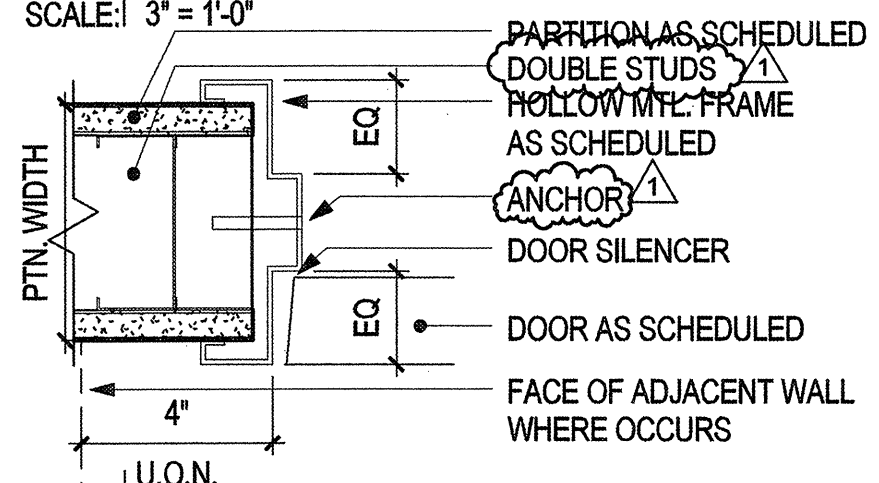
- SECURITY:**
CR = CARD READER
DC = DOOR CONTACT
- MATERIALS:**
ALUM = ALUMINUM
CLR = CLEAR
PTD = PAINTED
STL = STEEL
ST STL = STAINLESS STEEL
WD = WOOD



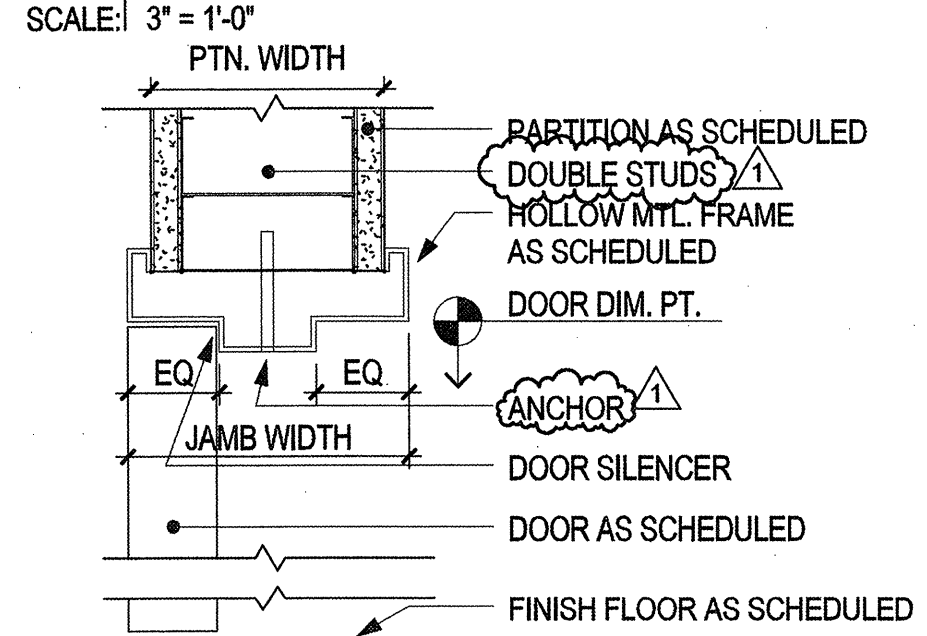
8 SCIF DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



7 SCIF DOOR HEAD/SILL DETAIL
SCALE: 3" = 1'-0"



6 TYPICAL DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



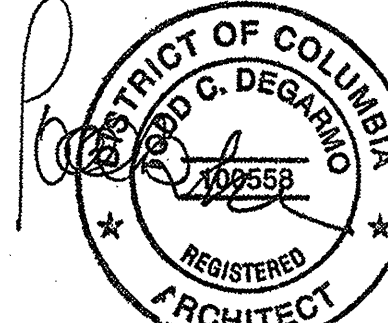
5 TYPICAL DOOR HEAD/SILL DETAIL
SCALE: 3" = 1'-0"



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09-1222	BID SET	△
09-1023	100% SUBMITTAL	100%
09-0904	FOR REVIEW	95%
DATE	REVISION	NUMBER

PROFESSIONAL CERTIFICATION



DATE SIGNED: 12-22-09

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GSA	GENERAL SERVICES ADMINISTRATION NATIONAL CAPITAL REGION		
	MARYLAND NORTH/NOVA METROPOLITAN SERVICE DELIVERY TEAM		

DRAWING	PROJECT	BUILDING	COVERSHEET - APPROVALS			
			CLIENT AGENCIES	FIRE PROTECTION	ENVIRONMENTAL PROTECTION	
			HISTORIC PRESERVATION	BUILDING MANAGER	SPACE MANAGEMENT	CONSTRUCTION
			ARCHITECTURAL	STRUCTURAL	MECHANICAL	ELECTRICAL
NAME	ADDRESS	NUMBER	DESCRIPTION	NUMBER	DESIGNED BY	CHECKED BY
TITLE	TYPE	NUMBER	A/E	CONTRACT NO.	GENERAL CONTRACTOR	CONTRACT NO.

ADD ALTERNATE NO. 1

THE FOLLOWING ITEMS SHALL BE INCLUDED AS ADD ALTERNATE NO. 1:

PERSONNEL ACCESS CONTROL

THE SCIF SHALL HAVE PERSONNEL ACCESS CONTROL SYSTEMS TO CONTROL ACCESS AT ALL PERIMETER ENTRANCES. PLACARDS, SIGNS, NOTICES, AND SIMILAR ITEMS ARE NOT ACCEPTABLE AS PERSONNEL ACCESS CONTROL SYSTEMS. UNLESS OTHERWISE STATED HEREIN, SCIF ENTRANCES SHALL BE UNDER VISUAL CONTROL TO DENY UNAUTHORIZED ACCESS UNLESS THE SCIF IS UNOCCUPIED AND SECURED.

AUTOMATED ACCESS CONTROL SYSTEMS

AUTOMATED PERSONNEL ACCESS CONTROL SYSTEMS MEETING THE FOLLOWING CRITERIA MAY BE USED TO CONTROL ADMITTANCE TO THE SCIF DURING WORKING HOURS IN LIEU OF VISUAL CONTROL.

- IDENTIFICATION REQUIREMENT: THE AUTOMATED PERSONNEL ACCESS CONTROL SYSTEM SHALL VERIFY THE IDENTITY OF AN INDIVIDUAL BY ONE OF THE FOLLOWING METHODS.
 - IDENTIFICATION (ID) BADGES OR CARDS. THE ID BADGE OR CARD MUST IDENTIFY TO THE ACCESS CONTROL SYSTEM THE INDIVIDUAL TO WHOM THE CARD IS ISSUED. A PERSONAL IDENTIFICATION (PIN) IS REQUIRED. THE PIN MUST BE SEPERATELY ENTERED INTO THE SYSTEM BY EACH INDIVIDUAL USING A KEYPAD DEVICE AND SHALL CONSIST OF FOUR OR MORE DIGITS, RANDOMLY SELECTED, WITH NO KNOWN OR LOGICAL ASSOCIATION WITH THE INDIVIDUAL.
 - PERSONAL IDENTITY VERIFICATION. PERSONAL IDENTITY VERIFICATION (BIOMETRICS DEVICE) IDENTIFIES THE INDIVIDUAL REQUESTING ACCESS BY SOME UNIQUE PERSONAL CHARACTERISTIC.
 - AUTHENTICATION REQUIREMENT. THE AUTOMATED PERSONNEL ACCESS CONTROL SYSTEM SHALL AUTHENTICATE AN INDIVIDUAL'S AUTHORIZATION TO ENTER THE SCIF BY MATCHING THE APPLICABLE INFORMATION SPECIFIED IN THE PREVIOUS PARAGRAPH WITH PERSONNEL DATA CONTAINED IN AN AUTOMATED DATABASE TO AUTHENTICATE THE INDIVIDUAL'S AUTHORIZATION PRIOR TO GIVING THE INDIVIDUAL ACCESS TO THE SCIF.
- ACCEPT/REJECT THRESHOLD CRITERIA. AUTOMATED PERSONNEL ACCESS CONTROL EQUIPMENT OR DEVICES SHALL MEET THE FOLLOWING CRITERIA DURING NORMAL EQUIPMENT OPERATION: THE PROBABILITY OF AN UNAUTHORIZED INDIVIDUAL GAINING ACCESS IS NO MORE THAN ONE IN TEN THOUSAND WHILE THE PROBABILITY OF AN AUTHORIZED INDIVIDUAL BEING REJECTED IS NO MORE THAN ONE IN ONE THOUSAND. PRIOR TO USING SUCH EQUIPMENT, MANUFACTURERS MUST CERTIFY IN WRITING THAT THEIR EQUIPMENT CONFORMS TO THIS CRITERION.
- SYSTEM PROTECTION. PHYSICAL SECURITY PROTECTION MUST BE ESTABLISHED AND CONTINUOUSLY MAINTAINED FOR ALL DEVICES/EQUIPMENT THAT COMPRISE THE PERSONNEL ACCESS CONTROL SYSTEM. THE LEVEL OF PROTECTION MAY VARY DEPENDING UPON THE TYPE OF DEVICES/EQUIPMENT BEING PROTECTED. EXISTING SECURITY CONTROLS WITHIN THE FACILITY SHALL BE USED TO THE EXTENT PRACTICAL IN MEETING THIS REQUIREMENT.
- TRANSMISSION LINE PROTECTION. SYSTEM DATA THAT IS CARRIED ON TRANSMISSION LINES (E.G., ACCESS AUTHORIZATIONS, PERSONAL IDENTIFICATION, OR VERIFICATION DATA) TO AND FROM DEVICES/EQUIPMENT LOCATED OUTSIDE THE SCIF SHALL BE ENCRYPTED WITH AN APPROVED 128 BIT, OR GREATER, ENCRYPTION ALGORITHM. THE ALGORITHM MUST BE CERTIFIED BY NIST OR ANOTHER US GOVERNMENT AUTHORIZED INDEPENDENT TESTING LABORATORY. IF THE COMMUNICATION TECHNOLOGY DESCRIBED ABOVE IS NOT FEASIBLE, THE TRANSMISSION LINE WILL BE INSTALLED WITHIN A PROTECTIVE COVERING TO PRECLUDE SURREPTITIOUS MANIPULATION, OR BE ADEQUATELY SUPERVISED TO PROTECT AGAINST MODIFICATION AND/OR SUBSTITUTION OF THE TRANSMITTED SIGNAL.
- DOOR STRIKES. ELECTRIC DOOR STRIKES INSTALLED FOR USE IN PERSONNEL ACCESS CONTROL SYSTEMS SHALL BE HEAVY-DUTY INDUSTRIAL GRADE.
- EXTERNAL DEVICES. CARD READERS, KEYPADS, COMMUNICATION, OR INTERFACE DEVICES LOCATED OUTSIDE THE ENTRANCE TO A SCIF, SHALL HAVE TAMPER RESISTANT ENCLOSURES AND BE SECURELY FASTENED TO A WALL OR OTHER STRUCTURE.
- ELECTRICAL COMPONENTS, ASSOCIATED WIRING, OR MECHANICAL LINKS (CABLES, RODS, AND SO ON) SHOULD BE ACCESSIBLE ONLY FROM INSIDE THE SCIF, OR IF THEY TRAVERSE AN UNCONTROLLED AREA THEY SHALL BE SECURED WITHIN A PROTECTIVE COVERING TO PRECLUDE SURREPTITIOUS MANIPULATION OF COMPONENTS.

FOR ALL ADD ALTERNATES:

CONTACT AND OBTAIN FURTHER CLARIFICATION FROM THE DEPARTMENT OF LABOR SECURITY CENTER. CONTACT PERSON IS ROY WOODALL (202) 693-7203.

ADD ALTERNATE NO. 2

THE FOLLOWING ITEMS SHALL BE INCLUDED AS ADD ALTERNATE NO. 2:

IDS UPGRADE:

- SCIF ENTRY DOOR – INSTALL A BIOMETRIC CARD READER WITH KEYPAD (LEVEL 3 OR LEVEL 4), BALANCED MAGNETIC SWITCH (BMS), AND PASSIVE INFRARED SENSOR (PIR).
- INSTALL REMOTE ACCESS BUTTON TO CONTROL MAIN DOOR. LOCATE BUTTON AT OWNER SELECTED LOCATION INSIDE SCIF.
- INSTALL 'A PHONE' AT MAIN ENTRY DOOR OF SCIF WITH MONITORING STATION AT OWNER SELECTED LOCATION INSIDE SCIF.
- INSTALL 'A PHONE' AT MAIN ENTRY DOOR OF STORAGE AREA WITH MONITORING STATION AT OWNER SELECTED LOCATON INSIDE SCIF.
- EMERGENCY DOOR – INSTALL BMS AND ANNUNCIATOR.
- VTC ENTRY DOOR – INSTALL A BIOMETRIC CARD READER WITH KEYPAD (LEVEL 3 OR LEVEL 4), BALANCED MAGNETIC SWITCH (BMS), AND PASSIVE INFRARED SENSOR (PIR).
- EQUIPMENT ROOM – INSTALL A BIOMETRIC CARD READER WITH KEYPAD (LEVEL 3 OR LEVEL 4), BALANCED MAGNETIC SWITCH (BMS), AND PASSIVE INFRARED SENSOR (PIR).
- INSTALL PASSIVE INFRARED SENSOR (PIR) IN TEMPORARY SECURE WORKING AREA (TSPA), AT OWNER SELECTED LOCATION.
- INSTALL LED BEACON IN CENTER OF TSPA.
- INSTALL LED BEACON IN VTC ROOM.

ADD ALTERNATE NO. 2

THE FOLLOWING ITEMS SHALL BE INCLUDED AS ADD ALTERNATE NO. 3:

ADDITIONAL CARD READERS

- PROVIDE UP TO 24 CARD READERS AT ACCESS POINTS OF THE BASEMENT LEVEL, INCLUDING THE LOADING DOCK DOORS. CONTACT DEPARTMENT OF LABOR SECURITY FOR LOCATIONS.
- PROVIDE CARD READERS AT THE 14 ELEVATOR CABS. CONTACT DEPARTMENT OF LABOR SECURITY FOR LOCATIONS.

FOR ALL ADD ALTERNATES:

CONTACT AND OBTAIN FURTHER CLARIFICATION FROM THE DEPARTMENT OF LABOR SECURITY CENTER. CONTACT PERSON IS ROY WOODALL (202) 693-7203.

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		MARYLAND NORTH/NOVA METROPOLITAN SERVICE DELIVERY TEAM	
COVER SHEET - APPROVALS	CLIENT AGENCIES		FIRE PROTECTION ENVIRONMENTAL PROTECTION
	HISTORIC PRESERVATION	BUILDING MANAGER	SPACE MANAGEMENT CONSTRUCTION
	ARCHITECTURAL	STRUCTURAL	MECHANICAL ELECTRICAL
PROJECT - BUILDING	NAME	DOL, FRANCES PERKINS BLDG	
	ADDRESS	200 CONSTITUTION AVENUE NORTHWEST WASHINGTON DC 20210	
	NUMBER	DC-0116ZZ	
	DESCRIPTION	US DEPARTMENT OF LABOR SCIF FACILITY	
DRAWING	NUMBER	A0537447	
	DESIGNED BY	DRAWN BY	CHECKED BY
	TITLE	SECURITY ADD ALTERNATES	
	TYPE	ELECTRICAL	
	NUMBER	E0.09	
	A/E	CONTRACT NO	
	GENERAL CONTRACTOR	CONTRACT NO	

PROJECT:		DEPARTMENT OF LABOR SCIF			PANEL VOLTAGE:			480Y/288V			AIC RATING:			14,000							
PANEL:		DP-SB			PHASE & WIRE:			3PH, 4W			MOUNTING:			SURFACE							
LOCATION:		6TH FLOOR GEN ROOM			BUS/MIN (AMPS):			200A MCB			NOTE:										
CKT NO.	OCD		P	DESCRIPTION	LOAD (KVA)			3 PH SEQUENCE			LOAD (KVA)			DESCRIPTION			OCD			CKT NO.	
	A	P			MISC	REC	LTG	A	B	C	MISC	REC	LTG				A	P			
1	15	3		DRY COOLER, DC-1	0.3			52.3				42.6	5.9	3.5				80	3	2	
3	--	--		---	0.3				0.3									--	--	4	
5	--	--		---	0.3					0.3								--	--	6	
7	15	3		DRY COOLER, DC-2	0.5			17.1				14.7	1.1	0.7		PANEL SB-H		100	3	8	
9	--	--		---	0.5				17.1			14.7	1.1	0.7		---		--	--	10	
11	--	--		---	0.5					17.1		14.7	1.1	0.7		---		--	--	12	
13	15	3		DUAL PUMP PACKAGE, DPP-1	0.6			0.6								SPACE				14	
15	--	--		---	0.6				0.6							SPACE				16	
17	--	--		---	0.6					0.6						SPACE				18	
19	15	3		DUAL PUMP PACKAGE, DPP-2	0.6			0.6								SPACE				20	
21	--	--		---	0.6				0.6							SPACE				22	
23	--	--		---	0.6					0.6						SPACE				24	
25				SPACE				0.0								SPACE				26	
27				SPACE					0.0							SPACE				28	
29				SPACE						0.0						SPACE				30	
31				SPACE				0.0								SPACE				32	
33				SPACE					0.0							SPACE				34	
35				SPACE						0.0						SPACE				36	
37				SPACE				0.0								SPACE				38	
39				SPACE					0.0							SPACE				40	
41				SPACE						0.0						SPACE				42	
CONNECTED LOAD (KVA)					5.7	0.0	0.0	70.4	18.4	18.4	86.8	9.3	5.5								
TOTAL CONNECTED LOAD (KVA)					92.6	9.3	5.5												TOTAL DEMAND (KVA)		89
DEMAND FACTOR					0.8	--	1.0												LINE CURRENT (AMPS)		111
TOTAL DEMAND LOAD (KVA)					74.1	9.3	5.5														
NOTE 1: - DEMAND FACTOR FOR RECEPTACLE LOADS PER NEC 2005 TABLE 220.44. - DEMAND FACTOR FOR MISC. LOADS IS ENGINEER'S JUDGEMENT. DEMAND FACTOR FOR LIGHTING IS PER NEC 2005 TABLE 220.42																					

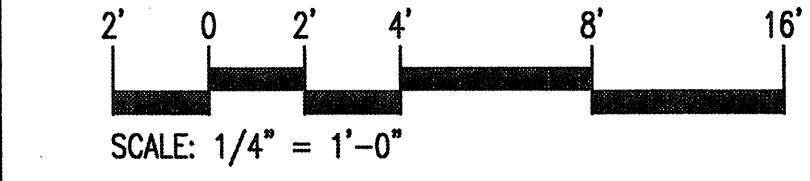
PROJECT:		DEPARTMENT OF LABOR SCIF		PANEL VOLTAGE:		208Y/120V		AIC RATING:		10,000 AIC				
PANEL:		SB-L		PHASE & WIRE:		3PH, 4W		MOUNTING:		SURFACE				
LOCATION:		BASEMENT SCIF AREA		BUS/MAIN (AMPS):		100A MAIN C/B		NOTE:						
CKT NO.	A	P	DESCRIPTION	LOAD (KVA)			3 PH SEQUENCE			LOAD (KVA)			OCD	CKT NO.
				MISC	REC	LTG	A	B	C	MISC	REC	LTG		
1	20	1	RECEPT-GEN PURPOSE (CLEANING)		1.0			1.8			0.8		20	1
3	20	1	RECEPT-UNDERCOUNTER REFRIG.	1.0				1.6			0.6		20	1
5	20	1	RECEPT-COFFEE	1.0					1.5		0.8		20	1
7	20	1	RECEPT-MICROWAVE	1.2				1.7			0.5		20	1
9	20	1	RECEPT-PRINTER	1.0				2.0			0.8	0.2	20	1
11	20	1	RECEPT-SHREDDER	0.5					1.5	1.0			20	1
13	20	1	RECEPT-GEN PURPOSE		0.5		0.5						20	1
15	20	1	RECEPT-GEN PURPOSE		0.7			0.7					20	1
17	20	1	SPARE						0.0				20	1
19	20	1	SPARE				2.4			2.4	0.0		60	3
21	20	1	SPARE					2.4		2.4			--	--
23	20	1	SPARE						2.4	2.4			--	--
25	20	1	SPARE				0.0						60	3
27	20	1	SPARE					0.0					--	--
29	20	1	SPARE						0.0				--	--
31							0.0							
33								0.0						
35									0.0					
37								0.0						
39									0.0					
41										0.0				
CONNECTED LOAD (KVA)				4.7	2.2	0.0	6.4	8.6	5.4	10.4	1.1	0.0		
TOTAL CONNECTED LOAD (KVA)				0.0	0.0	2.0								
DEMAND FACTOR				15.1	3.4	2.0								
TOTAL DEMAND LOAD (KVA)				0.8	--	1.0								
				12.1	3.4	2.0								
TOTAL DEMAND (KVA)												17		
LINE CURRENT (AMPS)												49		
NOTE 1: - DEMAND FACTOR FOR RECEPTACLE LOADS PER NEC 2005 TABLE 220.44.														
- DEMAND FACTOR FOR MISC. LOADS IS ENGINEER'S JUDGEMENT. DEMAND FACTOR FOR LIGHTING IS PER NEC 2005 TABLE 220.42														

PROJECT:		DEPARTMENT OF LABOR SCIF			PANEL VOLTAGE:			480Y/288V			AIC RATING:			10,000 AIC												
PANEL:		SB-H			PHASE & WIRE:			3PH, 4W			MOUNTING:			SURFACE												
LOCATION:		BASEMENT SCIF AREA			BUS/MIN (AMPS):			100A MAIN C/B			NOTE:															
CKT NO.	A	P	DESCRIPTION			LOAD (KVA)			3 PH SEQUENCE			LOAD (KVA)			DESCRIPTION			A	P	CKT NO.						
						MISC	REC	LTG	A	B	C	MISC	REC	LTG												
1	15	3	AC-01			3.1			5.7			2.8			AC-02	20	3	2								
3	--	--				3.1				5.7		2.6			---	--	4									
5	--	--				3.1					5.7	2.6			---	--	6									
7	20	1	LIGHTING					1.0	7.2			5.0	1.1	0.0	TRANSFORMER T-1	60	3	8								
9	20	1	LIGHTING					1.0	7.2			5.0	1.1	0.0	---	--	10									
11	20	1	SPARE								6.2	5.0	1.1	0.0	---	--	12									
13	15	3	EDH-1			0.7			2.0			1.3			EDH-2	15	3	14								
15	-	-	---			0.7				2.0		1.3			---	--	16									
17	-	-	---			0.7					2.0	1.3			---	--	18									
19	15	3	EDH-3			2.0			2.0						SPARE	20	1	20								
21	--	--	---			2.0				2.0					SPARE	20	1	22								
23	--	--	---			2.0					2.0				SPARE	20	1	24								
25	20	1	SPARE						0.0						SPARE	20	1	26								
27	20	1	SPARE							0.0					SPARE	20	1	28								
29	20	1	SPARE								0.0				SPARE	20	1	30								
31	20	1	SPARE						0.0						SPARE	20	1	32								
33	20	1	SPARE							0.0					SPARE	20	1	34								
35	20	1	SPARE								0.0				SPARE	20	1	36								
37	20	1	SPARE						0.0						SPARE	20	1	38								
39	20	1	SPARE							0.0					SPARE	20	1	40								
41	20	1	SPARE								0.0				SPARE	20	1	42								
CONNECTED LOAD (KVA)						17.2	0.0	2.0	16.9	16.9	16.9	27.0	3.4	0.0												
						0.0	0.0	0.0																		
TOTAL CONNECTED LOAD (KVA)						44.2	3.4	2.0							TOTAL DEMAND (KVA)						41					
DEMAND FACTOR						0.8	--	1.0							LINE CURRENT (AMPS)						51					
TOTAL DEMAND LOAD (KVA)						35.4	3.4	2.0																		
NOTE 1: - DEMAND FACTOR FOR RECEPTACLE LOADS PER NEC 2005 TABLE 220.44.																										
- DEMAND FACTOR FOR MISC. LOADS IS ENGINEER'S JUDGEMENT. DEMAND FACTOR FOR LIGHTING IS PER NEC 2005 TABLE 220.42																										

PROJECT:		DEPARTMENT OF LABOR SCIF		PANEL VOLTAGE:		208Y/120V		AIC RATING:		10,000 AIC					
PANEL:		UPS-SCIF		PHASE & WIRE:		3PH, 4W		MOUNTING:		SURFACE					
LOCATION:		BASEMENT SCIF AREA		BUS/MIN (AMPS):		100A MAIN C/B		NOTE:		PROVIDE ISOLATED GROUND BUS					
CKT NO.	A	P	DESCRIPTION	MISC	LOAD (KVA)	REC	LTG	3 PH SEQUENCE	MISC	LOAD (KVA)	REC	LTG	DESCRIPTION	CKT NO.	
1	20	2	RACK #1		1.1			1.9		0.8			WORKSTATION CPU #1,2,3	20 1 2	
3	--	--	---		1.1			2.0		0.9			WORKSTATION CPU #4,5,8,9,VTC	20 1 4	
6	20	2	RACK #3		0.5				1.1	0.5			WORKSTATION CPU #6,7	20 1 6	
7	--	--	---		0.5			0.5					SPARE	20 1 8	
9	20	2	RACK #3		0.6				0.6				SPARE	20 1 10	
11	--	--	---		0.6				0.8				SPARE	20 1 12	
13	20	2	RACK #4		0.3			0.3					SPACE	20 1 14	
15	--	--	---		0.3				0.3				SPACE	20 1 16	
17			SPACE							0.0			SPACE	20 1 18	
19			SPACE					0.0					SPACE	20 1 20	
21			SPACE						0.0				SPACE	20 1 22	
23			SPACE							0.0			SPACE	20 1 24	
25			SPACE					0.0					SPACE	20 1 26	
27			SPACE						0.0				SPACE	20 1 28	
29			SPACE							0.0				20 1 30	
31								0.0							
33									0.0						
35										0.0					
37								0.0							
39									0.0						
41										0.0					
CONNECTED LOAD (KVA)				5.1	0.0	0.0	2.8	2.9	1.7	2.2	0.0	0.0			
				0.0	0.0	2.0									
TOTAL CONNECTED LOAD (KVA)				7.3	0.0	2.0									
DEMAND FACTOR				1.0	--	1.0									
TOTAL DEMAND LOAD (KVA)				7.3	0.0	2.0									
TOTAL DEMAND (KVA)														9	
LINE CURRENT (AMPS)														26	
NOTE 1: - DEMAND FACTOR FOR RECEPTACLE LOADS PER NEC 2005 TABLE 220.44.															
- DEMAND FACTOR FOR MISC. LOADS IS ENGINEER'S JUDGEMENT. DEMAND FACTOR FOR LIGHTING IS PER NEC 2005 TABLE 220.42															
- WITH TVSS BUILT INTO PANELBOARD															



GRAPHIC SCALE



CAUTION: IF THIS DRAWING IS A REDUCTION, THEN GRAPHIC SCALE MUST BE USED

10-0122	ADDENDUM #1	2
09-1023	100% SUBMITTAL	100%
14 APRIL 2009	50% SUBMITTAL	
DATE	REVISION	NUMBER

PROFESSIONAL CERTIFICATION

DATE SIGNED: _____

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GENERAL SERVICES ADMINISTRATION NATIONAL CAPITAL REGION		
MARYLAND NORTH/NOVA METROPOLITAN SERVICE DELIVERY TEAM		

DRAWING	CLIENT AGENCIES		FIRE PROTECTION	ENVIRONMENTAL PROTECTION
	HISTORIC PRESERVATION		BUILDING MANAGER	SPACE MANAGEMENT
	ARCHITECTURAL		STRUCTURAL	MECHANICAL
				ELECTRICAL
PROJECT	NAME			
	DOL, FRANCES PERKINS BLDG			
	ADDRESS			
	200 CONSTITUTION AVENUE NORTHWEST WASHINGTON DC 20210			
COVER SHEET	NUMBER			
	DC-0116ZZ			
	DESCRIPTION			
	US DEPARTMENT OF LABOR SCIF FACILITY			
BUILDING	NUMBER			
	A0537447			
	DESIGNED BY			
	CHECKED BY			
DRAWING	TITLE			
	SCHEDULES			
	TYPE			
	ELECTRICAL			
DRAWING	NUMBER			
	E7.02			
	A/E			
	CONTRACT NO			
DRAWING	GENERAL CONTRACTOR			
	CONTRACT NO			