

DES PLAINES PUBLIC LIBRARY RENOVATIONS

1501 ELLINWOOD STREET
DES PLAINES, ILLINOIS 60016

ISSUE FOR CONSTRUCTION

10/06/2015

SCOPE OF WORK

INTERIOR RENOVATIONS ON ALL 4 FLOORS OF THE LIBRARY INCLUDING WALLS,
FINISHES, FURNITURE, EQUIPMENT AND EXTERIOR 4TH FLOOR BALCONY RENOVATIONS

BOARD OF LIBRARY TRUSTEES OF THE CITY OF DES PLAINES

OWNER

1501 ELLINWOOD STREET
DES PLAINES IL 60016
847.376.2801 P
847.275.8316 M
Contact: Holly Sorensen, Library Director
hsorensen@dppl.org

LOHAN ANDERSON LLC

ARCHITECT

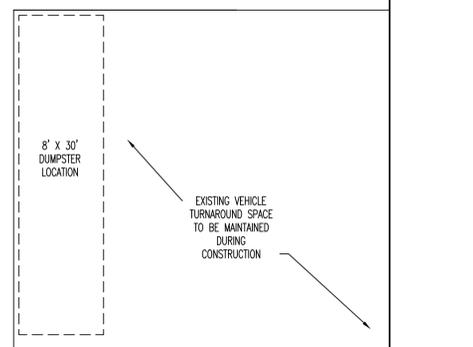
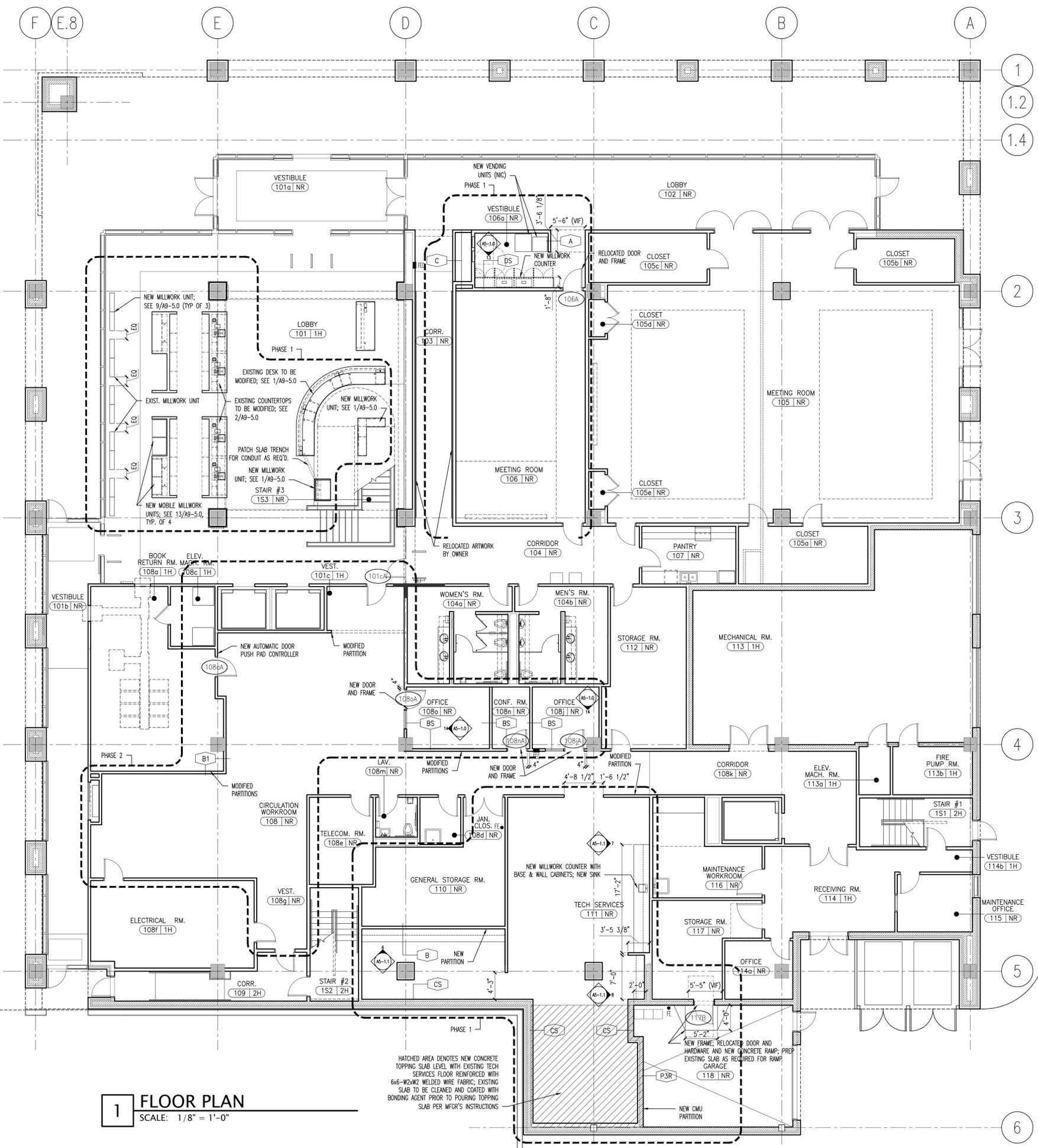
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CHICAGO IL 60611
312.229.6945 P
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Contact: Michael C. Barnes, AIA LEED AP
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CALOR DESIGN GROUP, LTD.

MEP ENGINEERS

2217 NORTH WESTERN AVENUE
CHICAGO IL 60647
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 2217 N. WESTERN AVE., CHICAGO, IL 60647
 C. S. ASSOCIATES, INC., STRUC.
 4532 W. 103RD ST., OAK LAWN, IL 60453



REV. DATE	ISSUE
06 OCT '15	CONSTRUCTION
14 AUG '15	BID AND PERMIT
05 MAY '15	DESIGN DEVELOPMENT
06 MAR '15	SCHEMATIC DESIGN

DATE SIGNED:

Des Plaines Public Library Renovations

PROJECT NUMBER: 13300

1ST FLOOR PLAN

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

HATCHED AREA DENOTES NEW CONCRETE TOPPING SLAB LEVEL, WITH EXISTING TECH SERVICES FLOOR REINFORCED WITH 6x6-W2xW2 WELDED WIRE FABRIC; EXISTING SLAB TO BE CLEANED AND COATED WITH BONDING AGENT PRIOR TO POURING TOPPING SLAB PER MFG'S INSTRUCTIONS

NEW FRAMING: RELOCATED DOOR AND HARDWARE AND NEW CONCRETE RAMP; PREP EXISTING SLAB AS REQUIRED FOR RAMP GARAGE



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GENERAL NOTES

1. PROVIDE FP-1 AT INDICATED WORKSTATIONS FROM DESKTOP TO UNDERSIDE OF OVERHEAD CABINETS; 18" H BY LENGTH INDICATED IN PLAN.
2. REFER TO THE ROOM FINISH SCHEDULE AND FINISH LEGEND SHEET FOR FINISH SELECTIONS.
3. GENERAL CONTRACTOR TO PATCH, REPAIR, AND PREP ALL EXISTING WALLS TO BE PAINTED. REFER TO SPECIFICATIONS AND ROOM FINISH SCHEDULE.
4. PROVIDE (1) COAT OF PRIMER AND (3) COAT OF PAINT AT EACH PARTITION. REFER TO SPECIFICATIONS.
5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING FLOOR.
6. EXISTING WOOD BASE SHALL REMAIN. PROVIDE NEW AS REQUIRED, WHERE WALLS ARE BEING REMOVED. SALVAGE WOOD BASE AND TRIM FOR REUSE.



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03 AUG '15	FFE/FINISH FINAL REVIEW MTC
02 JULY '15	FFE/FINISH REVIEW MEETING
05 MAY '15	DESIGN DEVELOPMENT

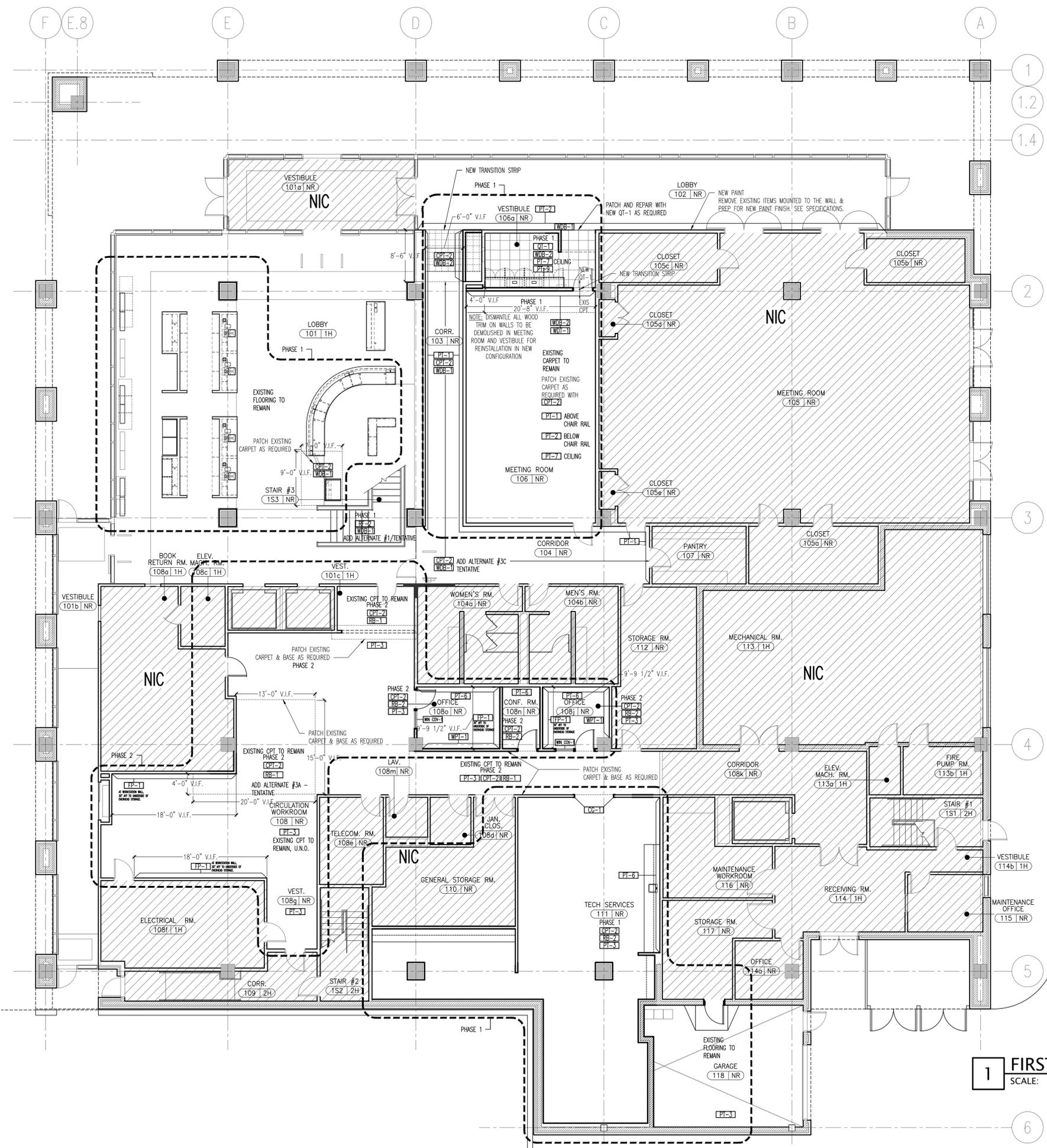
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1ST FLOOR FINISH PLAN

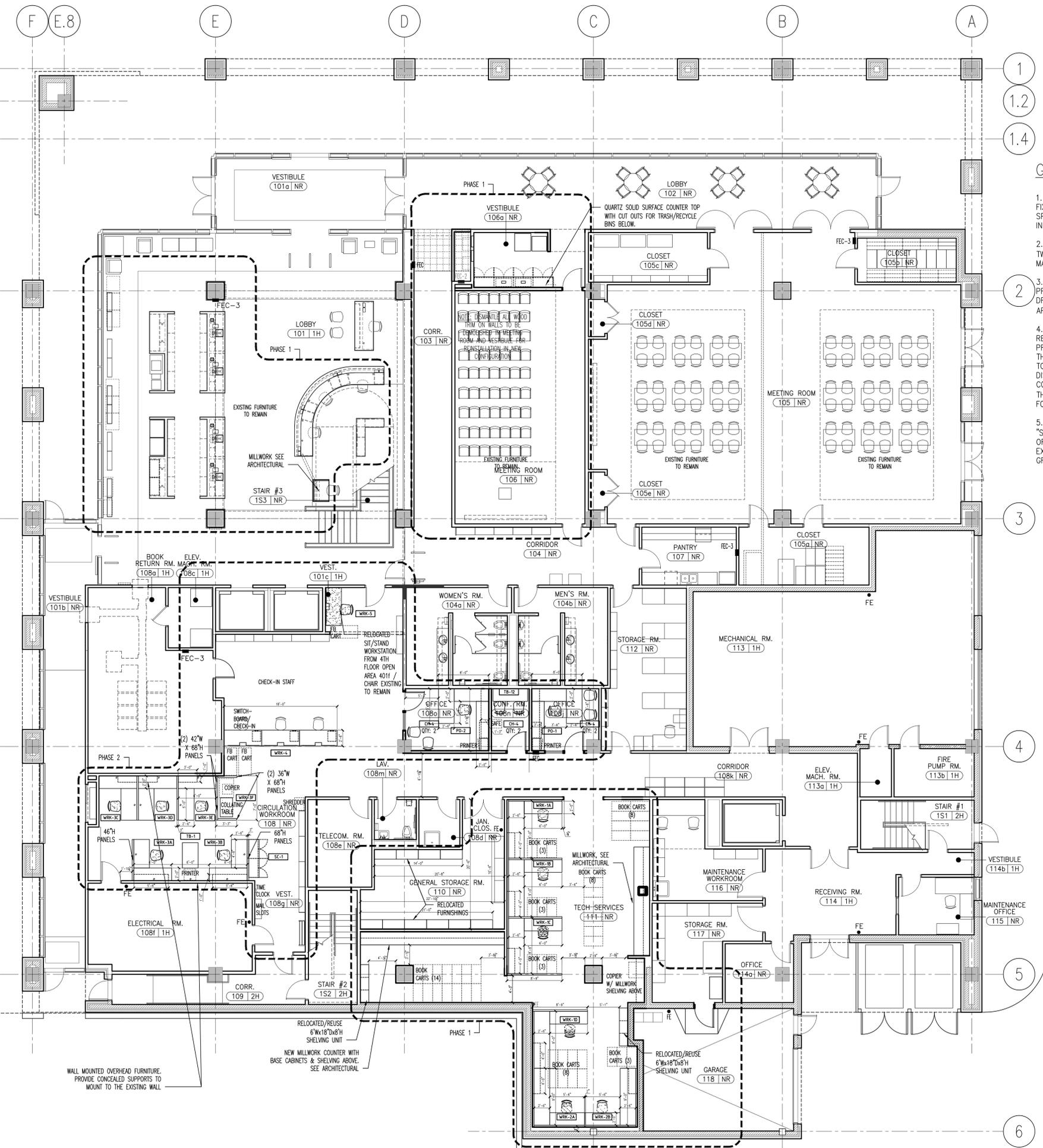
A2-1.3



1 FIRST FLOOR FINISH PLAN
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Des Plaines Public Library			
DRAWING LABEL	MANUFACTURER	PRODUCT	REMARKS
Chairs			
CH-1	Herman Miller	ADD ALTERNATE #1 - Tentative Task Chair - upholstered	ADD ALTERNATE #1 : Admin Conference Room 218
CH-2	Herman Miller	Lounge Chair - with Arms	Location: Alcove 203f
CH-3	Bernhardt	Gaming Lounge Chair - upholstered	Location: The Commons
CH-4	Herman Miller Collection	Side Chairs - upholstered	Location: The Commons
CH-5	Herman Miller	Lounge Chair - upholstered	Location: Commons & Adult Collections 401g
CH-6	Herman Miller Collection	Task Chair	Location: Study Room 301e, The Commons Librarian Workstation
CH-7	Herman Miller Collection	Upholstered Side Chairs	Location: Ebar - Adult Collections
CH-8a	Herman Miller	Chair with casters - arms	Location: Forum
CH-8b	Herman Miller	Chair with casters - armless	Location: Forum
CH-9	Herman Miller	Lounge Chair - plywood frame	Location: Adult Collections Area 401, Lounge Area 401g
Stools			
ST-1	Herman Miller Collection	Stool counter height	Location: Creative Services
ST-2	Herman Miller Collection	Stool - counter height - fiberglass seat	Location: The Commons, Craft table
ST-3	Herman Miller Collection	Stool counter height - fiberglass upholstered	Location: Ebar - Adult Collections
ST-4	Herman Miller	Adjustable Height Task chair/stool	Location: Forum
Workstations			
WRK-1A TO 1D	Herman Miller	WORKSTATION	Location: Tech Services RM 111, Open office system; See Specifications
WRK-2A TO 2B	Herman Miller	WORKSTATION	Location: Tech Services RM 111, Open office system; See Specifications
WRK-3A TO 3F	Herman Miller	WORKSTATION	Location: Circulation Workroom 108, Open office system; See Specifications
WRK-4	Herman Miller	Benching System	Location: Circulation Workroom 108
WRK-5	Existing/Reuse	Individual Workstation (Sit to Stand)	Location: Circulation Workroom 108
WRK-6		NOT USED	
WRK-7	Herman Miller	Sit to Stand Desk with privacy screen/moveable Fixed Credenza	Location: Youth Computer Area 201d
WRK-8	Herman Miller	Librarian Workstation @ The Commons	Location: The Commons
WRK-9		NOT USED	
WRK-10a		NOT USED	
WRK-10b		NOT USED	
WRK-11		NOT USED	
WRK-12	Herman Miller	Workstations	Location: Info Tech Dept 403
WRK-13	Herman Miller	Individual workstation Sit/Stand	Location: 4th Floor Open Area 401f
WRK-14A TO 14B	Herman Miller	WORKSTATION	Location: Creative Services Rm 304, Open office system; See Specifications
WRK-15A TO 15G	Herman Miller	WORKSTATION	Location: Adult Services Rm 306, Open office system; See Specifications
WRK-16A TO 16B	Herman Miller	WORKSTATION	Location: Adult Services Rm 306, Open office system; See Specifications
WRK-17	Herman Miller	WORKSTATION	Location: Adult Services Rm 306, Open office system; See Specifications
Tables			
TB-1	Herman Miller	ADD ALTERNATE #1 - Tentative Work table - Counter height /adjustable	ADD ALTERNATE #1 : Circulation Workroom 108
TB-2	Geiger	Conference Training Table - Mobile/Stacking	Location: Administrative Conference Room 218
TB-3	3 Branch	Shape Computer table - 26" h /Mobile with power tower and acrylic shroud	Location: Youth Computer Area 201d
TB-4	3 Branch	Table - Youth height 26" h /power/data access at desktop	Location: Youth Computer Area 201d
TB-5	3 Branch	Table - Youth height 26" h /power/data access at desktop	Location: Youth Computer Area 201d
TB-6	Martin Bratrud	Lounge table	Location: The Commons
TB-7	Herman Miller	Mobile table	Location: The Commons
TB-8	Martin Bratrud	Round tablet table	Location: The Commons
TB-9	Nienkamper	Powered top/stool	Location: The Commons
TB-10	Geiger	Conference Table - Mobile/Stacking	Location: Study Room 301e
TB-11a	3 Branch	Mobile -Shape table - 29" h	Location: Forum
TB-11b	Nienkamper	Adjustable Height Table	Location: Forum
TB-12	Herman Miller	Universal Table	Location: Conference 108n
TB-13	Martin Bratrud	Rectangular Tablet Table	Location: Alcove 203f
Private Office			
PO-1	Herman Miller	Private Office desk system	Location: Tech Services Office 108j
PO-2	Existing / Reuse	Relocation furniture system	Location: Circulation Workroom Office 108o, Refer to Furniture Dealer's Drawings
PO-3	Existing / Reuse	Relocation furniture system	Location: Adult services Office 306a, Refer to Furniture Dealer's Drawings
Sofas, Benches, & Ottomans			
B-1	Berhardt Design	Mirador	Location: The Commons
B-2	Berhardt Design	Mirador	Location: Adult Collection Area 401
B-3	Berhardt Design	Mirador	Location: Adult Collection Area 301
OT-1	TMC	Splash Puddle stool	Location: Poet Tree Area
OT-2	TMC	Little Puddle stool	Location: Poet Tree Area
OT-3	TMC	Big Puddle stool	Location: Poet Tree Area
OT-4	Nienkamper	Small ottoman/Stool	Location: The Commons
OT-5	Nienkamper	Small ottoman/Stool	Location: E-Bar Adult Collection Area 301
Miscellaneous Filing, Storage, Display or Shelving			
LF-1	Herman Miller	Lateral file cabinets	Location: Adult Services 306
SC-1	Herman Miller	Counter height - storage cabinets with worktop surround	Location: Circulation Workroom
SH-1	Library Furniture International	Low height/curved shelving unit end	Location: Poet Tree Area
SH-2	Library Furniture International	Low height/curved shelving unit	Location: Poet Tree Area
SH-3	Library Furniture International	Display shelving - Match Existing	Location: Poet Tree Area
SH-4	Library Furniture International	Display shelving - Match Existing	Location: Poet Tree Area
PP-1	Steelcase	Power pod	Location: Forum
PP-2	Library Furniture International	Power Tower	Location: Youth Computer Area 201d
MC-1	Bretford	Mobile charging cart	Location: Work Center Supply Rm 406b



GENERAL NOTES

1. REFER TO THE FURNITURE, FIXTURE AND EQUIPMENT SPECIFICATION GUIDE FOR PRODUCT INFORMATION.
2. FURNITURE WILL BE DELIVERED IN TWO (2) PHASES. SEE THE PROJECT MANUAL FOR REQUIREMENTS.
3. FURNITURE CONTRACTOR TO PROVIDE INSTALLATION SHOP DRAWINGS & FINISH SUBMITTALS FOR ARCHITECT'S REVIEW.
4. FURNITURE CONTRACTOR WILL BE RESPONSIBLE FOR CONFIRMING PRODUCT SIZES AND COMPONENTS IN THE SPECIFICATIONS AS THEY RELATE TO THE PLAN LAYOUT. ANY DISCREPANCIES OR LAYOUT CONCERNS SHOULD BE BROUGHT TO THE OWNER'S ATTENTION IMMEDIATELY FOR REVIEW.
5. FURNITURE INDICATED WITH A "SAND" HATCH PATTERN AS EXISTING OR EXISTING TO BE RELOCATED. EXISTING FURNITURE TO REMAIN ARE GRAY-TONE.

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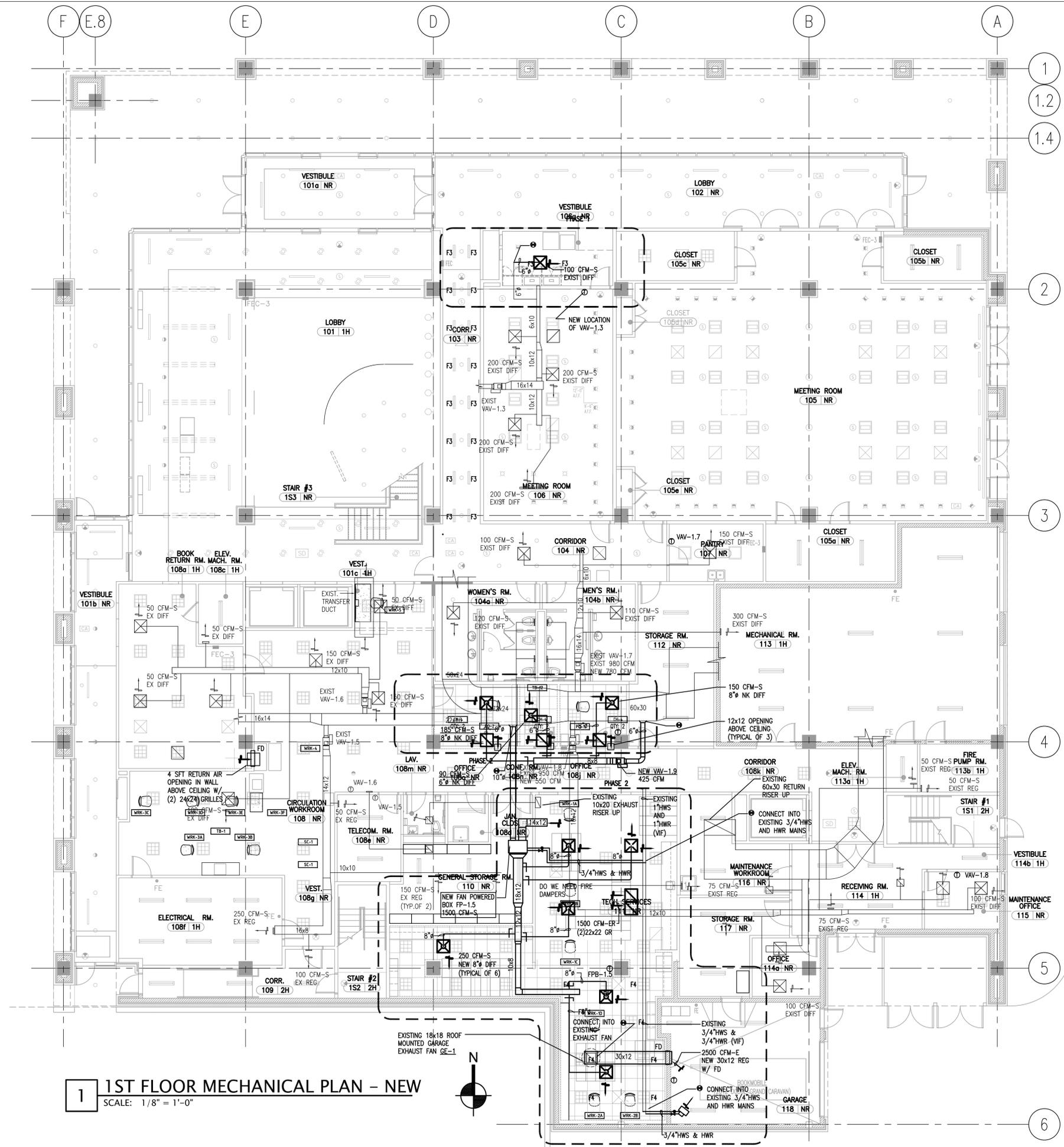
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1ST FLOOR FURNITURE PLAN

12.11

1 FIRST FLOOR FURNITURE PLAN
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1 1ST FLOOR MECHANICAL PLAN - NEW
 SCALE: 1/8" = 1'-0"

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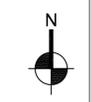
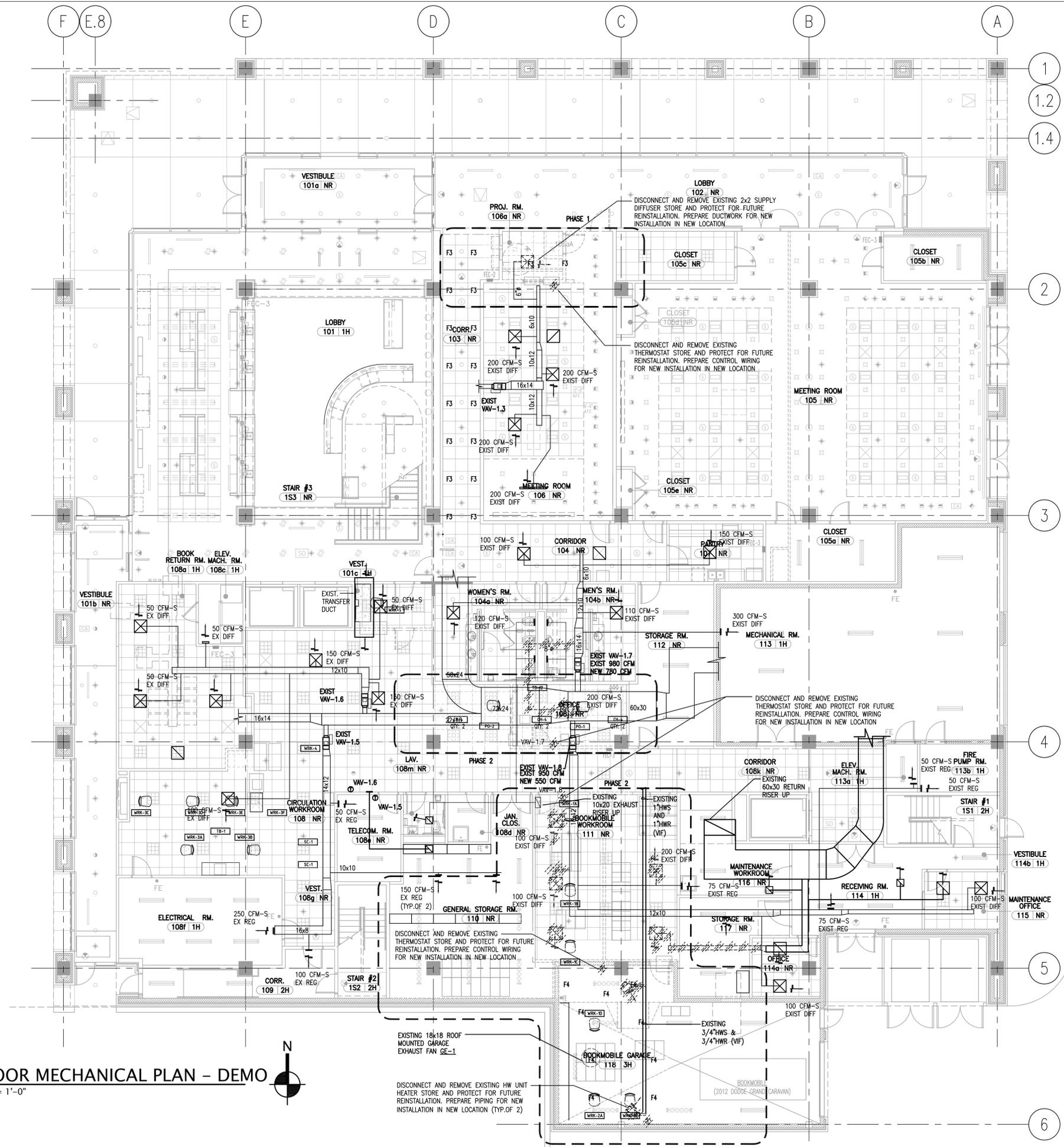
Des Plaines Public Library
 Phased Improvements

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**1ST FLOOR
 MECHANICAL
 PLAN - NEW**

M1.1

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1 1ST FLOOR MECHANICAL PLAN - DEMO
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LIGHTING FIXTURE SCHEDULE									
TYPE (OPTION)	FIXTURE DESCRIPTION	MOUNTING	MANUFACTURER	PRODUCT/CATALOG NUMBER	LAMPS	WATTS/LAMP	WATTS/FIXTURE	REMARKS	
F1	LINEAR PENDANT-DIRECT/INDIRECT	SUSPENDED	LUMENWERX	VIA4PDPAT-HLO-LED-80-750-500-35-X-LEV-90-UNV-LE-H5-2-53WAC36-W-10-DC	LED	18 WFT	18 WFT	277 VOLT, 1 PHASE, (UNIVERSAL VOLTAGE); CONFIGURED IN CUSTOM RECTANGULAR ASSEMBLIES; REFER TO DRAWINGS FOR DIMENSIONS. PROVIDE WITH LUTRON ECOSYSTEM DIMMING BALLAST & GRAFK EYE CONTROLS.	
F2	CIRCULAR PENDANT-DIRECT/INDIRECT	SUSPENDED	G LIGHTING	SELENE-GL-2581-B-X-1-D	LED	104 WATTS	104 WATTS	COLOR OF POWDER COAT FINISH TO BE SELECTED BY ARCHITECT UPON REVIEW OF SUBMITTED SAMPLES. FOR THE DIAMETER OF FIXTURE SEE ARCH. DRAWINGS.	
F3 (A)	LINEAR WALLWASHER	RECESSED	LEDALITE	TRUGROOVE 39S8-L-B-E-Q-S-1-02-1-2-E	LED	10.0 WFT	20 WATTS	277 VOLT, 1 PHASE, (UNIVERSAL VOLTAGE); FINISHES BY ARCHITECT.	
F3 (B)	LINEAR WALLWASHER	RECESSED	FINELITE	HPW-LED-HPW-LED-2-FR-LED-3500K-X-SC-C2	LED	10.0 WFT	20 WATTS	277 VOLT, 1 PHASE, (UNIVERSAL VOLTAGE); FINISHES BY ARCHITECT.	
F3 (C)	LINEAR WALLWASHER	RECESSED	PINNACLE	EDGE EVOLUTION EV3WW-35HD-2-G9G-UNV-1C-W	LED	10.0 WFT	20 WATTS	277 VOLT, 1 PHASE, (UNIVERSAL VOLTAGE); FINISHES BY ARCHITECT.	
F4	2X2 PARABOLIC	RECESSED	LIGHTOLIER	ORIGINAL MODEL: EDA2G9; DPG9PS2 6U UNV (VERIFY EXISTING TO MATCH)	T8 U, 3500K	34 WATT	34 WATT	277 VOLT, 1 PHASE; TO MATCH EXISTING, 9 CELL DEEP PARABOLIC	
(F4) R	2X2 PARABOLIC	RECESSED	LIGHTOLIER	ORIGINAL MODEL: EDA2G9	T8 U, 3500K	34 WATT	34 WATT	DISCONNECT, REMOVE, PROTECT & RELOCATE EXISTING 2 X 2 FIXTURE	
EXIT LIGHT	EXIT LIGHT	CEILING OR WALL	SURELITE	TPX-7-70 277 VOLT, 1 PHASE, VERIFY EXISTING TO MATCH	LED	7 WATTS	7 WATTS	RED LETTERS, BRUSHED ALUMINUM TO MATCH EXISTING.	
EM LIGHT	EMERGENCY LIGHT	RECESSED CEILING	SURELITE	GC15082CL V SD 277 VOLT, 1 PHASE	(2) 12 WATT HALOGEN	12 WATT	24 WATTS	VOLTMETER, SELF-DIAGNOSTICS	
F5	DOWN LIGHT	RECESSED	LIGHTOLIER	LIGHTOLIER 8020 // 8021 CALCULITE 277 VOLT, 1 PHASE	CFL (1) 32 W TRIPLE TUBE 4 PIN	32 WATTS	32 WATTS	TO MATCH EXISTING	
(F5) R	DOWN LIGHT	RECESSED	LIGHTOLIER	LIGHTOLIER 8020 // 8021 CALCULITE 277 VOLT, 1 PHASE	CFL (1) 32 W TRIPLE TUBE 4 PIN	32 WATTS	32 WATTS	DISCONNECT, REMOVE, PROTECT & RELOCATE EXISTING FIXTURE	

NOTE THAT THIS SCHEDULE ON THE ELECTRICAL DRAWINGS IS FOR GENERAL REFERENCE ONLY. SEE ARCHITECTURAL LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS.
 NOTE: ALL CEILING MOUNTED FIXTURES MUST BE PLENUM RATED.
 NOTE: ALL 277 VOLT LIGHT FIXTURES MUST BE CONTROLLED VIA EXISTING LIGHTING CONTROL PANELBOARDS, WITH COMPATIBLE ROOM AND CENTRAL CONTROL SWITCHING.
 NOTE: VERIFY CEILING COMPATIBILITY, MOUNTING CONDITIONS, CLEARANCES AND STRUCTURAL SUSPENSION SYSTEM PRIOR TO FIXTURE PROCUREMENT.



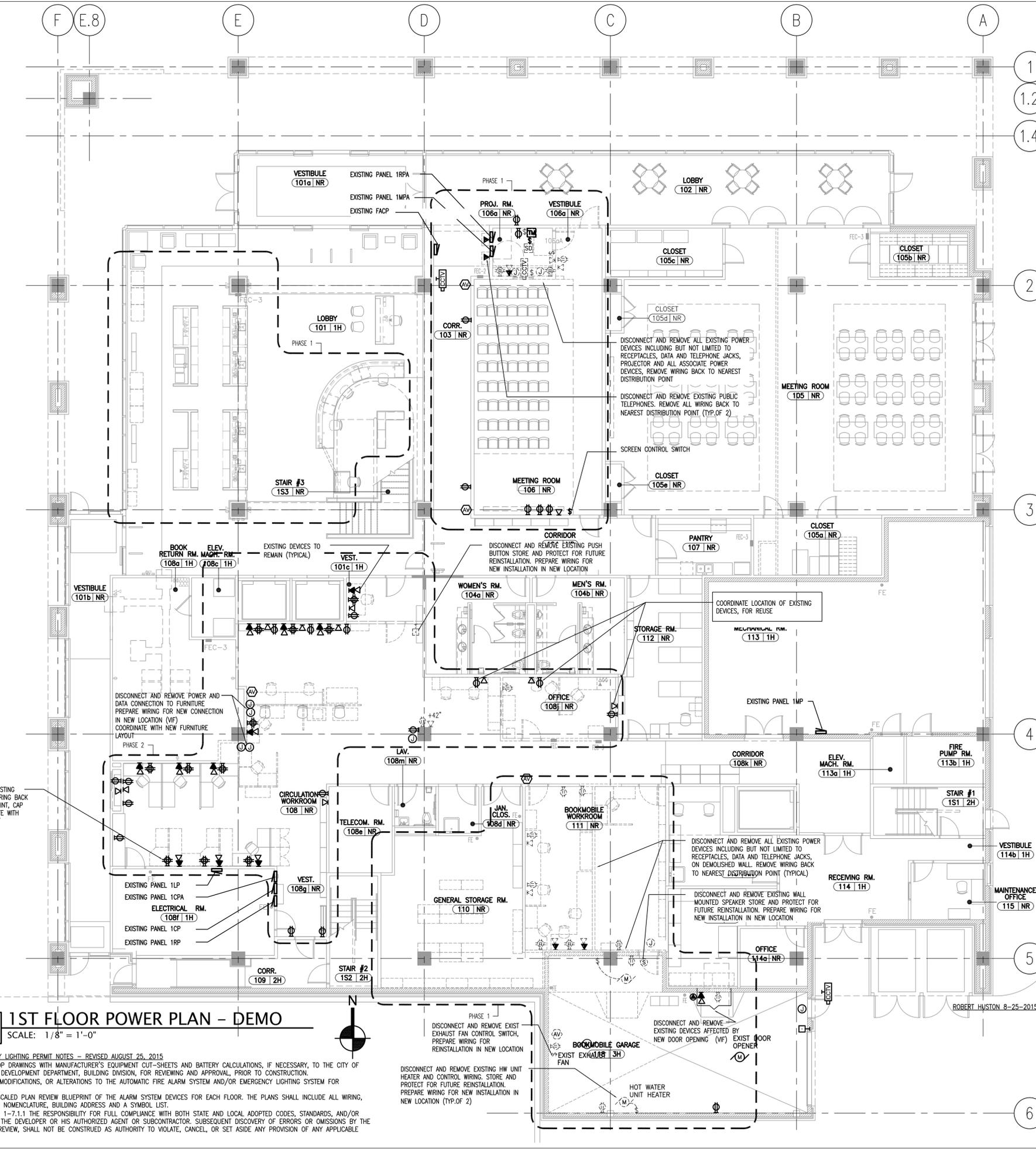
PANEL:		1 MP												MAIN:		200								
PROJECT:		1ST FLOOR												BUS:	CU	PHASE:	3							
LOCATION:		BOILER ROOM												MTG:	SURFACE	WIRES:	4							
VOLTAGE:		120	208																					
DESCRIPTION	E Q P	L T G	R E C	C T V	VOLT-AMPS			BREAKER		CKT #	PHASES			BREAKER		VOLT-AMPS			E Q P	L T G	R E C	C T V	DESCRIPTION	
					BUS A	BUS B	BUS C	AMP	POLE		A	B	C	#	AMP	POLE	BUS A	BUS B						BUS C
FPB1.1 FPB1.3								20	1	1	-	-	-	-	2	20	1							FPB1.4 FPB1.5
FPB1.2								20	1	3	-	-	-	-	4	20	1							SPARE (VIF)
EXISTING LOAD (VIF) ???								20	1	5	-	-	-	-	6	20	1							LAWN IRRIGATION PUMP
EXISTING LOAD (VIF) ???								20	1	7	-	-	-	-	8	20	1							FREIGHT SUMP PUMP
CUH-1										9	-	-	-	-	10									CUH-2
										11	-	-	-	-	12									
BB1.2										13	-	-	-	-	14									BB3.4
										15	-	-	-	-	16									
BBS.6										17	-	-	-	-	18									BB7.8
										19	-	-	-	-	20									
EXISTING LOAD (VIF) SP-1 PASS ELEV PIT ???								20	1	21	-	-	-	-	22	20								HUMIDIFIER
NEW FPB								200	1	23	-	-	-	-	24	20								GLYCOL PUMP
SPARE (VIF)								20	1	25	-	-	-	-	26	20								RP-1 IN MECH RM
SPARE (VIF)								20	1	27	-	-	-	-	28	20								BOILER PUMP CIRC
UH-1 UH-2 BR/MOBILE GARAGE								20	1	29	-	-	-	-	30	20								BOILER PUMP CIRC

NEW AND MODIFIED RELAYS AND CONTROLS AS NOTED. VERIFY EXACT PANEL CONDITIONS.
 ELECTRICAL CONTRACTOR MUST VERIFY EXISTING CIRCUITS & CONNECTED LOADS ON ALL PANELBOARDS; REFER TO EXISTING PANEL SCHEDULES, AS-BUILT DRAWINGS AND FIELD CONDITIONS. DOCUMENT EXISTING, MODIFIED, ABANDONED AND NEW CIRCUITS ON PANELBOARD SCHEDULES.

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1 1ST FLOOR POWER PLAN - DEMO
 SCALE: 1/8" = 1'-0"

FIRE ALARM & EMERGENCY LIGHTING PERMIT NOTES - REVISED AUGUST 25, 2015

- 1 PROVIDE COMPLETE SHOP DRAWINGS WITH MANUFACTURER'S EQUIPMENT CUT-SHEETS AND BATTERY CALCULATIONS, IF NECESSARY, TO THE CITY OF DES PLAINES, COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION, FOR REVIEWING AND APPROVAL, PRIOR TO CONSTRUCTION.
- 2 SUBMIT ANY CHANGES, MODIFICATIONS, OR ALTERATIONS TO THE AUTOMATIC FIRE ALARM SYSTEM AND/OR EMERGENCY LIGHTING SYSTEM FOR SEPARATE REVIEW.
- 3 PROVIDE A COMPLETE SCALED PLAN REVIEW BLUEPRINT OF THE ALARM SYSTEM DEVICES FOR EACH FLOOR. THE PLANS SHALL INCLUDE ALL WIRING, DEVICES, PROPOSED ZONE NOMENCLATURE, BUILDING ADDRESS AND A SYMBOL LIST.
- 4 COMPLY WITH NFPA 72, 1-7.1.1 THE RESPONSIBILITY FOR FULL COMPLIANCE WITH BOTH STATE AND LOCAL ADOPTED CODES, STANDARDS, AND/OR REGULATIONS RESTS WITH THE DEVELOPER OR HIS AUTHORIZED AGENT OR SUBCONTRACTOR. SUBSEQUENT DISCOVERY OF ERRORS OR OMISSIONS BY THE INSPECTOR IN THE PLAN REVIEW, SHALL NOT BE CONSTRUED AS AUTHORITY TO VIOLATE, CANCEL, OR SET ASIDE ANY PROVISION OF ANY APPLICABLE CODES.

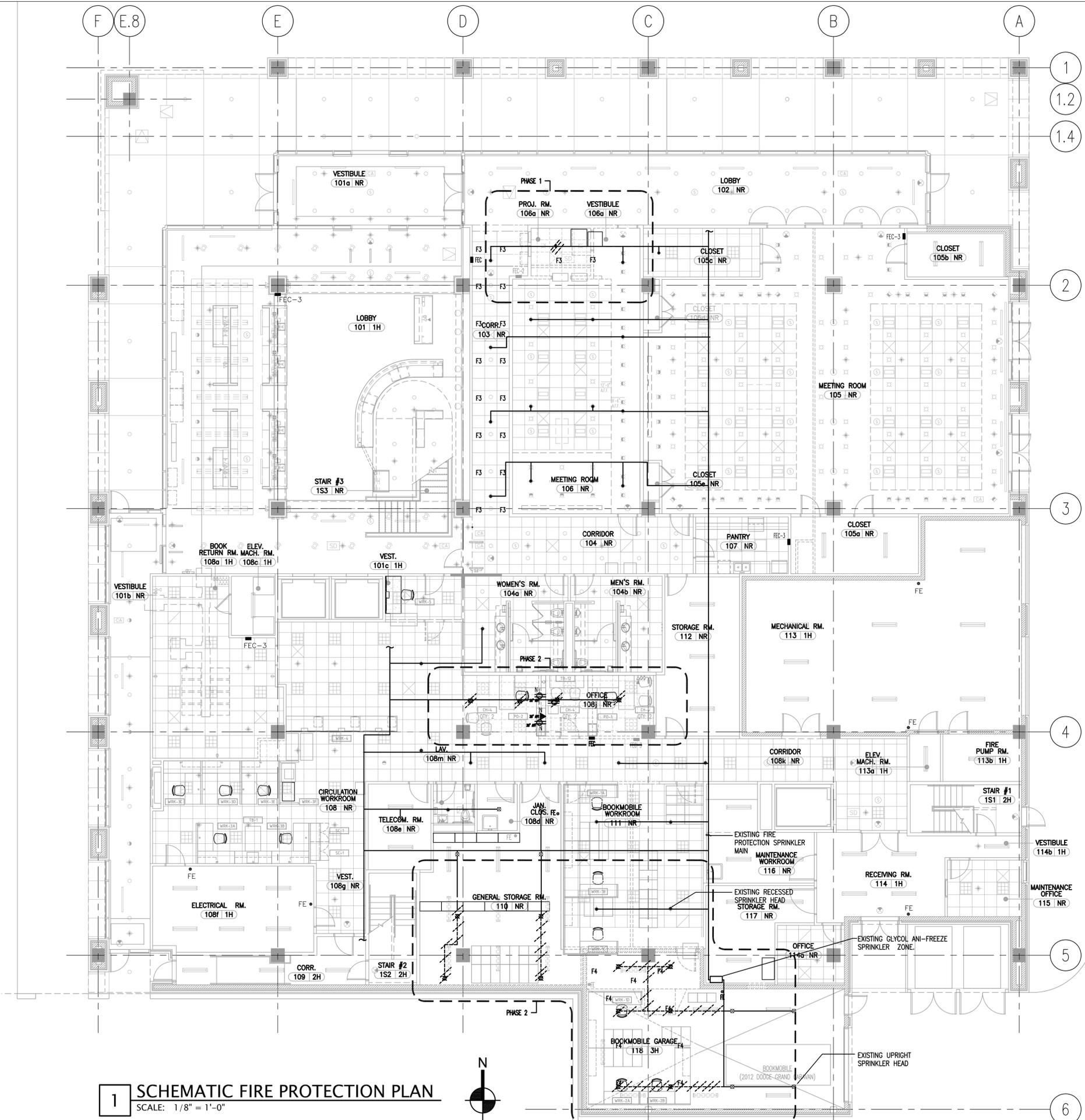
ELECTRICAL SCOPE OF WORK	
SCOPE ITEM	DESCRIPTION
1	POWER PANELBOARDS, RFRIPA SERIES 120/208 VOLT, 3 PHASE VERIFY THE EXISTING LOADS BY MONITOR PEAK AMP DRAW IN EACH PANEL. VERIFY THE EXISTING CIRCUITS CONNECTIONS FOR EXISTING PANELBOARDS SERVING RECEPTACLE AND EQUIPMENT POWER REQUIREMENTS. VERIFY AND DOCUMENT THE EXISTING PANELBOARD SCHEDULES FOR ACCURACY.
2	COMPUTER POWER PANELBOARDS, CRCPA SERIES 120/208 VOLT, 3 PHASE VERIFY THE EXISTING LOADS BY MONITOR PEAK AMP DRAW IN EACH PANEL. VERIFY THE EXISTING CIRCUITS CONNECTIONS FOR EXISTING PANELBOARDS SERVING RECEPTACLE AND EQUIPMENT POWER REQUIREMENTS. VERIFY AND DOCUMENT THE EXISTING PANELBOARD SCHEDULES FOR ACCURACY.
3	POWER OUTLETS PROVIDE NEW AND RE-USE EXISTING POWER OUTLETS THROUGHOUT THE PROJECT AREA. NEW WALL (LOW, COUNTERTOP, HIGH), FLUSH FLOOR AND FLUSH CEILING MOUNTED DUPLEX & FOUR FLUX RECEPTACLES SHALL BE PROVIDED. THESE RECEPTACLES ARE TO BE CONNECTED TO THE EXISTING POWER PANELBOARDS SERVING THE PROJECT AREA'S. RE-BALANCE EXISTING PANELBOARDS TO PROVIDE SUFFICIENT CIRCUITS FOR NEW WORK.
4	POWER RACEWAY AND CONDUCTORS PROVIDE NEW, RE-USE TAP, AND EXTEND EXISTING RACEWAY AND CONDUCTORS FOR STANDARD POWER RECEPTACLES, EQUIPMENT AND DEVICE CONNECTIONS INCLUDING AS WELL AS ALL OTHER POWER REQUIREMENTS THROUGHOUT THE PROJECT AREA. ALL RACEWAY SHALL BE RUN CONCEALED IN THE WALLS, IN THE CEILING ABOVE OR BELOW THE PROJECT AREA. PROVIDE NEW FLOOR, WALL AND CEILING PENETRATIONS AND PROPER FIRE STOP WHEN COMPLETED. ALL ABANDONED DEVICES AND OUTLETS MUST BE COMPLETELY REMOVED. ALL WIRING MUST BE REMOVED AND PROPERLY DISCONNECTED AT THE SOURCE. REMOVE ALL ABANDONED RACEWAY AND BOXES AND FIRE-SAFE ALL OPENINGS. PROVIDE FLUSH BLANK OFF.
5	POWER DISTRIBUTION CONNECT TO EXISTING POWER DISTRIBUTION SERVING THE PROJECT AREA. TEST AND DOCUMENT THE LOADS AND OUTLETS ON ALL CIRCUITS SERVING THE PROJECT AREA. ADD NEW AND RELOCATE EXISTING CIRCUITS TO BALANCE THE ELECTRICAL FOR THE PROJECT. A NEW CIRCUIT 20 AMP CIRCUIT SHALL BE PROVIDED FOR EACH ADDITIONAL SIX TO EIGHT CONVENIENCE POWER RECEPTACLES, SPECIALTY LOADS (COPY MACHINES, XEROX MACHINES, ETC.) SHALL HAVE THEIR OWN DEDICATED CIRCUITS. LABEL AND PROVIDE AS-BUILT CONDITIONS FOR ALL EXISTING AND ALL NEW WORK IN THE PROJECT AREA'S.
6	FLOOR POWER AND DATA OUTLETS PROVIDE NEW WALKER/IRVING/DEGRAND (OR EQUAL MATCHING) FLUSH FLOOR OUTLETS AS SHOWN THROUGHOUT THE PROJECT AREA. PROVIDE NEW WALKER/IRVING/DEGRAND FOR CONVENIENCE POWER, DATA AND VOICE/TELEPHONE. OUTLETS SHALL MATCH EXACTLY THE EXISTING OUTLETS. WALKER/IRVING PRO-SERIES OR EQUAL. MATCHING SERVICE FITTINGS WITH WALKER/IRVING METALLIC COVER. WIREMOLD SOURCE 1 SERIES OR EQUAL. MATCHING WITH POKE-THROUGH ACCESS. WALKER/IRVING PRO-SERIES OR EQUAL. MATCHING SERVICE FITTINGS WITH TWO OR THREE METAL FLEXIBLE CONDUITS IN FLUSH METALLIC COVER FOR FURNITURE CONNECTION.
7	MONITOR AND AV DISPLAYS CONNECT POWER, DATA AND OTHER WIRING TO ALL NEW AND RELOCATED EXISTING EQUIPMENT. INCLUDE CONNECTIONS FOR NEW AND/OR RELOCATED PASSIVE SCREENS AND ACTIVE MONITORS AND ALL ASSOCIATED CONTROLS. VERIFY ALL EQUIPMENT REQUIREMENTS BEFORE PRICING AND BEFORE ANY INSTALLATION WORK. PLACE PROJECTION EQUIPMENT SWITCHES NEAR LIGHT SWITCHES OR IN OTHER LOCATIONS AS DIRECTED BY THE ARCHITECT.
8	FURNITURE POWER NEW FURNITURE AS SHOWN ON THE ARCHITECTURAL DRAWINGS, SHALL BE FURNISHED WITH PREWIRED POWER RECEPTACLES. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY, NEW CODE APPROVED POWER CONNECTIONS TO EACH SECTION OF FURNITURE. THIS SHALL INCLUDE FLEXIBLE RACEWAY AND WIRING FROM NEW FLOOR OR WALL MOUNTED JUNCTION BOXES, AND ALL WIRING CIRCUITS FROM CP-SERIES PANELBOARDS. FURNITURE DETAILS AND LOCATIONS AS DIRECTED BY THE ARCHITECT.
LIGHTING AND CONTROLS	
1	LIGHTING PANELBOARDS, LP SERIES 277/480 VOLT, 3 PHASE VERIFY THE EXISTING LOADS BY MONITOR PEAK AMP DRAW IN EACH PANEL. VERIFY THE EXISTING CIRCUITS CONNECTIONS FOR EXISTING PANELBOARDS SERVING LIGHTING POWER AND RELAY CONTROL REQUIREMENTS. VERIFY AND DOCUMENT THE EXISTING PANELBOARD SCHEDULES FOR ACCURACY.
2	LIGHTING FIXTURES - NEW, RELOCATED & EXISTING PROVIDE A LIGHT FIXTURE LAYOUT PER THE ARCHITECTURAL AND ELECTRICAL DRAWINGS. USING EXISTING, RELOCATED AND REPAIR AS NECESSARY. NEW MOUNTING AND NEW SPECIFIED FIXTURES. VERIFY EXISTING FIXTURE AND NEW ACCESSORIES TO MATCH CLEAN AND RE-LAMP ALL NEW AND EXISTING FIXTURES.
3	LIGHTING RACEWAY AND CONDUCTORS PROVIDE NEW AND RE-USE EXISTING RACEWAY AND CONDUCTORS FOR ALL LIGHTING FIXTURES, LIGHTING CONTROLS AND OTHER LIGHTING DEVICE CONNECTIONS THROUGHOUT THE PROJECT AREA. ALL RACEWAY SHALL BE RUN CONCEALED IN THE WALLS, IN THE CEILING ABOVE OR BELOW THE PROJECT AREA. PROVIDE NEW FLOOR, WALL AND CEILING PENETRATIONS AND PROPER FIRE STOP WHEN COMPLETED. PROVIDE NEW JUNCTION AND PULL BOXES TO ACCOMMODATE NEW AND EXISTING WIRING. ALL ABANDONED DEVICES AND FIXTURES MUST BE COMPLETELY REMOVED AND TURN OVER TO THE OWNER IF REQUESTED. ALL WIRING MUST BE REMOVED AND PROPERLY DISCONNECTED AT THE SOURCE. REMOVE ALL ABANDONED RACEWAY AND BOXES AND FIRE-SAFE ALL OPENINGS.
4	LIGHTING POWER DISTRIBUTION CONNECT TO EXISTING LIGHTING DISTRIBUTION SERVING THE PROJECT AREA. TEST AND DOCUMENT ALL CIRCUITS SERVING THE PROJECT AREA. ADD NEW AND RELOCATE EXISTING CIRCUITS TO BALANCE THE ELECTRICAL FOR THE PROJECT. LABEL AND PROVIDE AS-BUILT CONDITIONS FOR ALL EXISTING AND ALL NEW WORK IN THE PROJECT AREA.
5	LIGHTING CONTROLS - LOCAL RETAIN EXISTING, RE-WORK EXISTING AND PROVIDE NEW LOCAL LIGHTING CONTROLS. PROVIDE OWNER STANDARD RELAY-BASED LIGHTING CONTROL SYSTEM DISTRIBUTED CONTROLS FOR SWITCHING, SETTINGS, AND LOCAL OFF/ON. PROVIDE LOCAL OFF/ON SWING AND OCCUPANCY CONTROLS PER THE DRAWINGS FOR ALL NEW SPACES AND AREAS. TEST AND DOCUMENT ALL EXISTING LIGHTING CONTROL DEVICES, RACEWAY AND CONDUCTORS SERVING THE PROJECT. RELOCATE CENTRAL CONTROLS AS REQUIRED. PROGRAM AND WALL CHANGES AS SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWINGS.
6	EMERGENCY LIGHTING RETAIN BATTERY-BACKUP EMERGENCY LIGHTING WITH SECONDARY BATTERY POWER SOURCE. THESE FIXTURES HAVE A LAMP WITH NORMAL POWER AND INTEGRAL BATTERY BACKUP AND SERVES AS A NIGHT LIGHT. ADD NEW EMERGENCY LIGHTING AS NECESSARY TO MEET LOCAL CODE AUTHORITIES' REQUIREMENTS. EXISTING UNIT MOUNTED, BATTERY-BACK UP EMERGENCY LIGHTS SHALL REMAIN IN SERVICE. ADD NEW DUAL-POWER SOURCE LIGHT FIXTURES AND EMERGENCY ONLY LIGHT FIXTURES AS REQUIRED BY CODE OFFICIALS OR AS SHOWN OF THE DRAWINGS.
7	EXIT LIGHTS RETAIN BATTERY-BACKUP EXIT LIGHTING. ADD NEW DUAL-POWER SOURCE EXIT LIGHT FIXTURES AS NECESSARY TO MEET LOCAL CODE AUTHORITIES' REQUIREMENTS AND AS NOTED. POWER EXIT LIGHTS FOR EXISTING EXIT LIGHTING CIRCUITS.
COMMUNICATIONS	
1	VOICE (TELEPHONE)/DATA OUTLETS PROVIDE ALL NEW AND RETAIN ALL EXISTING VOICE/DATA OUTLETS AS SHOWN ON THE DRAWINGS AND AS REQUIRED BY OWNER FURNISHED FURNITURE AND EQUIPMENT. ALL ABANDONED DEVICES AND OUTLETS MUST BE COMPLETELY REMOVED AND TURN OVER TO THE OWNER IF REQUESTED. ALL WIRING MUST BE REMOVED AND PROPERLY DISCONNECTED AT THE SOURCE. REMOVE ALL ABANDONED RACEWAY AND BOXES AND FIRE-SAFE ALL OPENINGS.
2	VOICE (TELEPHONE)/DATA RACEWAY PROVIDE NEW AND RE-USE EXISTING RACEWAY, WIRE/CABLE-TIE/RY AND CONDUCTORS FOR ALL COMMUNICATIONS CONNECTIONS THROUGHOUT THE PROJECT AREA. ALL RACEWAY SHALL BE RUN CONCEALED IN THE WALLS, IN THE CEILING ABOVE OR BELOW THE PROJECT AREA. PROVIDE NEW FLOOR, WALL AND CEILING PENETRATIONS AND PROPER FIRE STOP WHEN COMPLETED. PROVIDE NEW JUNCTION AND PULL BOXES TO ACCOMMODATE NEW AND EXISTING CONDUCTORS.
3	VOICE (TELEPHONE)/DATA IT TERMINATION CONNECT TO EXISTING DISTRIBUTION FRAMES SERVING THE PROJECT AREA. TEST AND DOCUMENT ALL CONDUCTORS SERVING THE PROJECT AREA. LABEL AND PROVIDE AS-BUILT CONDITIONS FOR ALL EXISTING AND ALL NEW WORK IN THE PROJECT AREA. COORDINATE PATCH NUMBERING AND CONNECTION POINT LOCATION WITH OWNER. IN GENERAL, FIRST AND SECOND COMMUNICATION CABLE SHALL BE TERMINATED IN THE 1ST FLOOR TELE-COM CLOSET, 106e AND THIRD AND FOURTH FLOOR COMMUNICATION CABLE SHALL BE TERMINATED IN THE FOURTH FLOOR COMPUTER CLOSET 404.
4	VOICE (TELEPHONE)/DATA CONDUCTORS ADD NEW OWNER STANDARD CABLES, DATA, CATEGORY 6 (CAT 6); VOICE (TELEPHONE); CAT5E/6 (CAT 5E/6). FROM ALL DEVICE OUTLETS, THROUGHOUT EXISTING AND NEW PULL BOXES TO IT ROOM TERMINATIONS. PUNCH-DOWN, TEST AND DOCUMENT ALL NEW AND EXISTING CABLEING.
5	PUBLIC ADDRESS SYSTEM RETAIN EXISTING SPEAKERS, RELOCATE AS NECESSARY FOR THE NEW WORK.
6	WIRELESS ACCESS POINTS (WAPs) RETAIN WIRELESS ACCESS POINTS IN PROJECT AREA.
7	FURNITURE DATA / VOICE NEW FURNITURE AS SHOWN ON THE ARCHITECTURAL DRAWINGS, SHALL BE FURNISHED WITH DATA/VOICE OUTLETS WITHOUT CABLEING. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NEW CODE APPROVED CABLEING TO EACH OUTLET AND CONNECTIONS TO EACH SECTION OF FURNITURE. THIS SHALL INCLUDE FLEXIBLE RACEWAY AND CABLEING FROM NEW FLOOR OR WALL MOUNTED JUNCTION BOXES, AND ALL CABLEING TO PATCH-DOWNS IN TELECOM ROOM AND IT ROOM. FURNITURE DETAILS AND LOCATIONS AS DIRECTED BY THE ARCHITECT.
LOW-VOLTAGE SYSTEMS	
1	FIRE ALARM DEVICES PROVIDE: RELOCATE EXISTING AND RETAIN EXISTING FIRE ALARM DEVICES INCLUDING AUDIO-VISUAL, SIGNALING DEVICES AND PROVIDE PROPER WIRING, RACEWAY AND CONNECTIONS TO THE EXISTING FIRE ALARM SYSTEM. PROPER COORDINATE WORK WITH OWNER, NEW, REMOVED AND REINSTALLED FIRE ALARM DEVICES INCLUDING AUDIO-VISUAL NOTIFICATION, ETC.
2	SECURITY DEVICES PROVIDE NEW, AND RELOCATE EXISTING DOOR ACCESS DEVICES AND PROVIDE PROPER WIRING, RACEWAY AND CONNECTIONS. PROPER COORDINATE WORK WITH OWNER.
ELECTRICAL PERMIT NOTES	
1	NEW AND RE-USED POWER RECEPTACLES SHALL CONFORM TO NEC 2011, SECTION 406.14.
2	SECTION 406.14, TAMPER-RESISTANT RECEPTACLES ARE REQUIRED IN ALL CHILD CARE FACILITIES, SUPERVISION, OR PERSONAL CARE SERVICES ARE PROVIDED FOR MORE THAN FOUR CHILDREN UNDER THE AGE OF 7.

NOTES:
 ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO DO ANY WORK INCLUDING AND NOT LIMITED TO THE FOLLOWING;
 - PANELBOARDS
 - AREA OF SERVICE
 - NUMBER OF SPARES AVAILABLE
 - NUMBER OF CIRCUITS AFFECTED WITHIN ARE OR WORK
 - FURNITURE CONNECTION
 - RECEPTACLES AFFECTED WITHIN AREA OF WORK
 ELECTRICAL CONTRACTOR SHALL MAKE INACTIVE ALL UNUSED POWER / DATA RECEPTACLES. CAP FLUSH WITH FLOOR OR WALL PER ARCHITECTS DIRECTIONS. REMOVE WIRING BACK TO NEAREST DISTRIBUTION POINT.
 COORDINATE ALL EXISTING POWER AND DATA LOCATION RECEPTACLES WITH NEW FURNITURE LAYOUT.

DATE SIGNED:
 Des Plaines Public Library
 Phased Improvements
 PROJECT NUMBER: 13300

1ST FLOOR
 POWER PLAN -
 DEMO
 ED1.1

DES PLAINES PUBLIC LIBRARY, OWNER
 1501 ELLINWOOD ST., DES PLAINES, IL 60016
 LOHAN ANDERSON, ARCH./INT.
 401 N. MICHIGAN AVE., CHICAGO, IL 60611
 CALOR DESIGN GROUP, LTD., MEP/FP
 2217 N. WESTERN AVE., CHICAGO, IL 60647
 C. S. ASSOCIATES, INC., STRUC.
 4532 W. 103RD ST., OAK LAWN, IL 60453



1 SCHEMATIC FIRE PROTECTION PLAN
 SCALE: 1/8" = 1'-0"

10-06-15	ISSUE FOR CONSTRUCTION
8-14-15	ISSUE FOR BID AND PERMIT
REV. DATE	ISSUE

DATE SIGNED: _____
 Des Plaines Public Library
 Phased Improvements
 PROJECT NUMBER: 13300

**1ST FLOOR
 SCHEMATIC F.P.
 PLAN - DEMO
 FPD1.1**