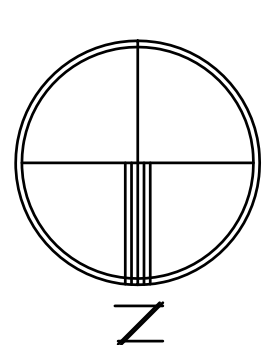




EXISTING ELECTRICAL FLOOR PLAN  
SCALE: 1/8" = 1'-0"



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RONALD D. GILMAN P.E. #37933

PK04 - 11-028

**E-1**

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REVISIONS
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**PAYCHEX**  
1450 CENTREPARK DR #150  
WEST PALM BEACH, FL  
PROJECT NUMBER 14511

**birse design inc.**  
1511 prosperity farms road  
suite #100  
lake park, fl 33403  
phone 561-249-4001  
fax 772-409-8684  
AA26001615

**BD**

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL NEW AND EXISTING ELECTRICAL SYSTEMS, FIXTURES, DEVICES, AND OTHER EQUIPMENT RELATED TO THIS TENANT SPACE ARE IN GOOD WORKING ORDER. REPAIR AS NEEDED.

NEW FIRE ALARM DEVICES ARE TO BE COMPATIBLE WITH EXISTING SYSTEM. PROVIDE ADDITIONAL POWER SUPPLIES AS REQUIRED. PROVIDE ADDITIONAL HORNS AND STROBES AS REQUIRED TO MEET AUDIBLE AND VISIBLE REQUIREMENTS OF NFPA 72, ADA, AND NFPA 101. VERIFY EXISTING ADDITIONAL MODULES, INCLUDING ACCESSORIES, ETC. AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AND RE-CERTIFY SYSTEM AS REQUIRED UPON COMPLETION.

- FIRE ALARM LEGEND**
- F MANUAL PULL STATION 48" AFF
  - H WALL MOUNT HORN/STROBE 80" AFF TO BOTTOM
  - L DA COMPUTANT STROBE LIGHT 80" AFF TO BOTTOM
  - FAO FIRE ALARM CONTROL PANEL
  - FSPS FIRE ALARM POWER SUPPLY

INSTALL SOUND MASKING SYSTEM IN THE OPEN OFFICE AREAS. SOUND MASKING EQUIPMENT TO BE LOCATED IN ELECTRICAL ROOM #106. NETWORK AND STROBE LIGHTS TO BE APPROVED EQUAL.

ALL WORK INSIDE THE PAYCHEX TENANT SPACE IS TO BE PRICED SEPARATELY, AS AN ADD ALTERNATE, EXCEPT THE FOLLOWING 2X4 LIGHTING FIXTURES AND RELATED CIRCUITS RE-LOCATION OF EXISTING TRANSFORMER AND EXISTING PANELS, AND RELATED FEEDERS, TERMINAL BOXES, LS FOR VAV AND FDU FIRE ALARM DEVICES AND RELATED CIRCUITS ITEMS WHICH SPECIFICALLY ARE TO BE INCLUDED IN THE ALTERNATE PRICE INCLUDE: SOUND SYSTEM, DATA/TELEPHONE, SECURITY SYSTEM DEVICES, AND RELATED CONDUIT AND WIRING SYSTEMS AND DEVICES. WIRING CIRCUITS, LIGHTING SWITCHES AND OCCUPANCY SENSORS. CIRCUITS FOR FURNITURE PARTITION SYSTEMS.



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

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**E-2**

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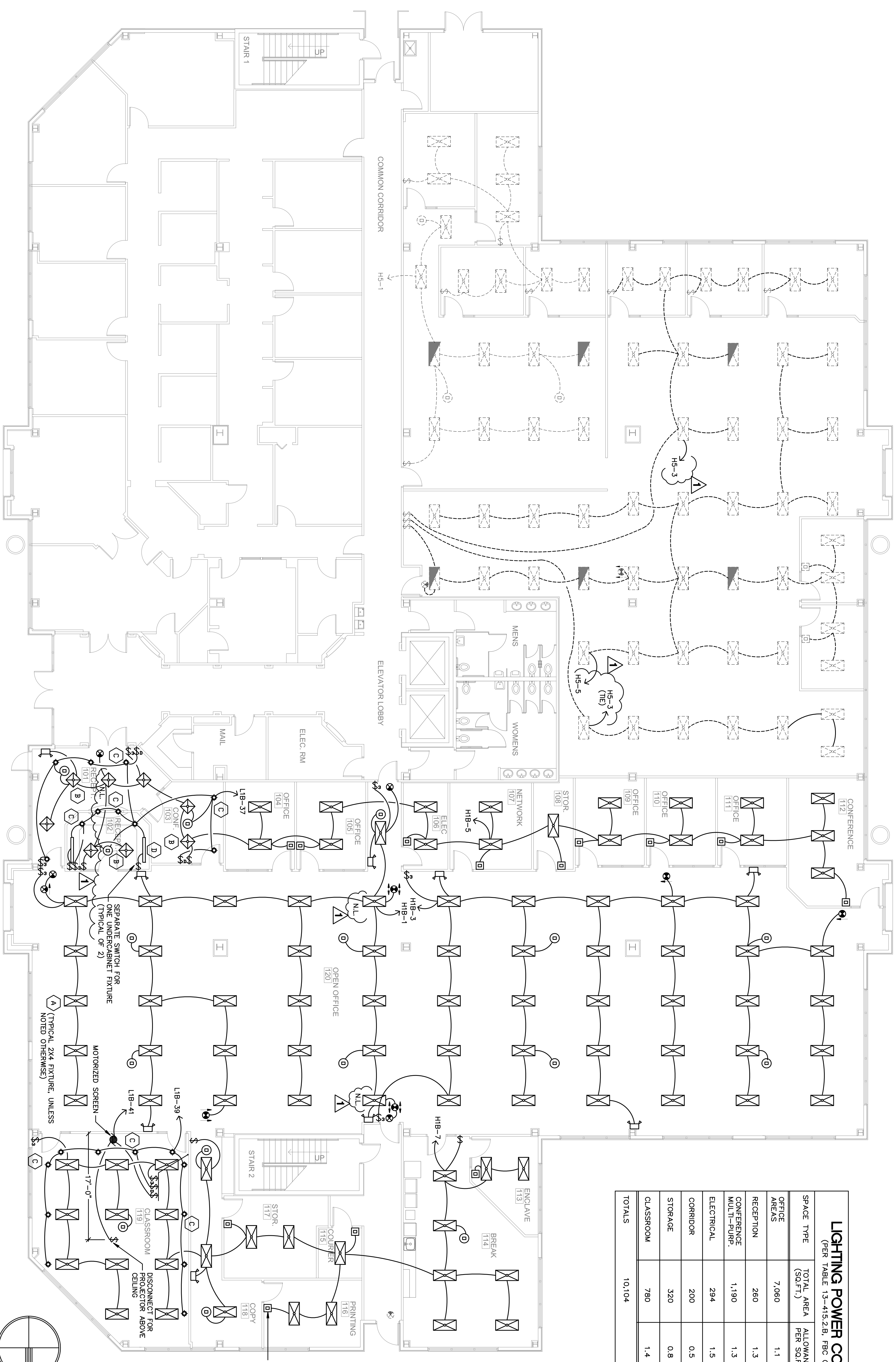
**REVISIONS**

1	8-18-11	TENANT REV.
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**PAYCHEX**  
1450 CENTREPARK DR #150  
WEST PALM BEACH, FL  
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EMERGENCY AND EXIT LIGHTING FIXTURES ARE TO BE CONNECTED TO THE HOT LEG OF THE LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHES OR OTHER CONTROLS.

ALL OCCUPANCY SENSORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. PROVIDE POWER PACKS, RELAYS, AND ANY OTHER ACCESSORIES AS REQUIRED FOR A INCLUDING CONTROL OF MULTIPLE CIRCUITS AND 120 OR 277 VOLT SYSTEMS WHERE INDICATED.

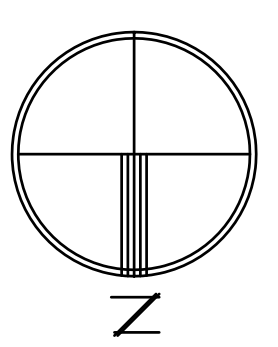
OCCUPANCY SENSORS SHALL TURN OFF THE SPACE LIGHTING WITHIN 30 MINUTES OF AN OCCUPANT LEAVING THE SPACE, IN ACCORDANCE WITH FCC 13-415.1.ABC.1.1

THE CONTRACTOR IS RESPONSIBLE TO SET ALL OCCUPANCY SENSORS TO THE MAXIMUM ALLOWABLE DURATION

ALL ROOMS ARE TO HAVE SEPARATE OCCUPANCY SENSORS AND SEPARATE MANUAL SWITCHES OR OVER RIDES.

LIGHTING POWER COMPLIANCE			
(PER TABLE 13-415.2.B, FCC CHAPTER 13)			
SPACE TYPE	TOTAL AREA (SQ.FT.)	ALLOWANCE PER SQ.FT.	SUB-TOTAL DESIGN ALLOWANCE
OFFICE AREAS	7,060	1.1	7,766
RECEPTION	260	1.3	338
CONFERENCE MULTIPURP.	1,190	1.3	1,547
ELECTRICAL	294	1.5	441
CORRIDOR	200	0.5	100
STORAGE	320	0.8	256
CLASSROOM	780	1.4	1,092
TOTALS	10,104		11,540

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



PROVIDE SENSOR AND MANUAL CONTROL FOR CAMERA SYSTEM (ROOM 115 & 107 SIMILAR)

SEPARATE SWITCH FOR ONE UNDERCABINET FIXTURE (TYPICAL OF 2)

MOTORIZED SCREEN (TYPICAL 2X4 FIXTURE, UNLESS NOTED OTHERWISE)

PROVIDE CONNECTOR FOR PROJECTOR ABOVE CEILING

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PROJ.# 11-028

**E-3**

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REVISIONS	DATE	REVISION
1		18-18-11 TENANT REV.
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3		
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**PAYCHEX**  
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TYPE: CUTLER HAMMER PRL		SERVICE: 120/240 1Ø, 3Ø		MOUNTING SURFACE		POLES: 42		A.I.C.	
DEM. KVA	TRIP-CON-DUIT	WIRE	REMARKS	CT1 NO.	CT2 NO.	REMARKS	WIRE CON-DUIT	TRIP-OTHER POLE	DEM. KVA
1.0	20-1	1/2	12 DATA RACK	3	4	SPACE	10	30-1	8.3
				5	6				
				7	8				
				9	10				
				11	12				
				13	14				
				15	16				
				17	18				
				19	20				
				21	22				
				23	24				
				25	26				
				27	28				
				29	30				
				31	32				
				33	34				
				35	36				
				37	38				
				39	40				
				41	42				
5.0									

TOTAL DEMAND LOAD: 5.0 KVA = 21 AMPS

ISOLATED AND NON-ISOLATED GROUND BARS, DOUBLE NEUTRAL BARS

TYPE: G.E. AEF		SERVICE: 120/208, 3Ø, 4Ø		MOUNTING SURFACE		POLES: 42		A.I.C.	
DEM. KVA	TRIP-CON-DUIT	WIRE	REMARKS	CT1 NO.	CT2 NO.	REMARKS	WIRE CON-DUIT	TRIP-OTHER POLE	DEM. KVA
1.6	20-1	1/2	12 SYSTEM FURNITURE	1	2	SYSTEM FURNITURE	12	20-1	2.0
1.6				3	4	SYSTEM FURNITURE			2.0
1.6				5	6	SYSTEM FURNITURE (IG.)			2.0
1.8				7	8	SYSTEM FURNITURE			1.6
1.8				9	10	SYSTEM FURNITURE			1.6
1.8				11	12	SYSTEM FURNITURE (IG.)			1.6
1.6				13	14	SYSTEM FURNITURE			1.6
1.6				15	16	SYSTEM FURNITURE			1.6
1.6				17	18	SYSTEM FURNITURE (IG.)			1.6
1.1				19	20	CLASSROOM RECEPT. IG.			0.4
1.1				21	22	CLASSROOM RECEPT. IG.			0.4
1.2				23	24	CLASSROOM RECEPT. IG.			0.4
1.2				25	26	LANIER COPIER			1.2
1.2				27	28	COLDR COPIER			1.2
1.2				29	30	SPARE			
0.4				31	32				
0.4				33	34				
0.4				35	36				
0.4				37	38				
0.4				39	40	PANEL LID			2.4
0.4				41	42				2.4
23.7									216

TOTAL DEMAND LOAD: 45.3 KVA = 126 AMPS

TYPE: G.E. AEF		SERVICE: 277/480, 3Ø, 4Ø		MOUNTING SURFACE		POLES: 24		A.I.C.	
DEM. KVA	TRIP-CON-DUIT	WIRE	REMARKS	CT1 NO.	CT2 NO.	REMARKS	WIRE CON-DUIT	TRIP-OTHER POLE	DEM. KVA
2.2	20-1	1/2	12 LIGHTING	1	2	SPARE	10	1/2	30-1
2.2				3	4	INSTA-HOT			8.3
2.2				5	6	SPACE			
2.5				7	8				
				9	10				
				11	12				
				13	14				
				15	16				
				17	18				
				19	20				
				21	22				
				23	24				
				25	26				
				27	28	TRANSFORMER			97.5
				29	30	(SUB-FEED)			95.8
9.6									

TOTAL NON DEMAND LOAD: 9.6 X 125 = 120 KVA

TOTAL DEMAND LOAD: 95.8 KVA

TOTAL DEMAND LOAD: 107.8 KVA = 130 AMPS

TYPE: G.E. AEF		SERVICE: 120/208, 3Ø, 4Ø		MOUNTING SURFACE		POLES: 42		A.I.C.	
DEM. KVA	TRIP-CON-DUIT	WIRE	REMARKS	CT1 NO.	CT2 NO.	REMARKS	WIRE CON-DUIT	TRIP-OTHER POLE	DEM. KVA
0.8	20-1	1/2	12 VENDING BREAK ROOM	1	2	RECEPT. RM. 110,112	12	1/2	20-1
0.8				3	4	RECEPT. RM. 109,110			0.9
0.8				5	6	RECEPT. RM. 109,110			0.9
0.4				7	8	RECEPT. RM. 109,109			1.1
1.5				9	10	RECEPT. RM. 104,105			0.9
1.5				11	12	RECEPT. RM. 103,104			0.9
1.2				13	14	RECEPT. 101,102,103			0.9
1.2				15	16	RECEPT. 101,102			0.9
1.2				17	18	RECEPT. RM. 119			0.9
1.5				19	20	RECEPT. RM. 115,116,117			0.7
1.2				21	22	RECEPT. OPEN OFFICE NV			1.1
				23	24	RECEPT. BREAK ROOM			1.1
				25	26	RECEPTABLES NETWORK RM			0.7
				27	28	RECEPTABLES ELECT. ROOM			0.7
				29	30	UPS			12.0
				31	32				2.0
				33	34	ROOF RECEPTABLE			0.4
				35	36	AMU-1			1.4
0.8	1/2	12	CLASSROOM LIGHTING	37	38				4.7
0.4	1/2	12	CLASSROOM PROJECTOR	39	40	CU-1			4.7
2.0	1/2	12	CLASSROOM PROJECTOR	41	42				31.1

CONTINUOUS LOAD: 2.0 X 125 = 2.5 KVA

TOTAL NON DEMAND LOAD: 43.5 KVA

TOTAL DEMAND LOAD: 46.0 KVA = 128 AMPS

- PANEL SCHEDULES KEYNOTES**
- EXISTING CIRCUIT BREAKER TO REMAIN.
  - PROVIDE NEW CIRCUIT BREAKER, MATCH EXISTING BREAKERS.
  - PROVIDE SEPARATE NEUTRAL AND SEPARATE ISOLATED GROUNDING CONDUCTOR. MULTI-WIRE MULTI-CIRCUIT HOME RUNS ARE NOT ACCEPTABLE.
  - SEE 8-WIRE FURNITURE SYSTEM WIRING DIAGRAM.
  - RE-LOCATE EXISTING CIRCUIT BREAKER FROM PANEL LTD.
  - PROVIDE SEPARATE NEUTRAL CONDUCTOR.
  - MULTI-WIRE MULTI-CIRCUIT HOME RUNS ARE NOT ACCEPTABLE.

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**PAYCHEX**

1450 CENTREPARK DR #150  
WEST PALM BEACH, FL

PROJECT NUMBER 14511

**REVISIONS**

1-8-11 TENANT REV.

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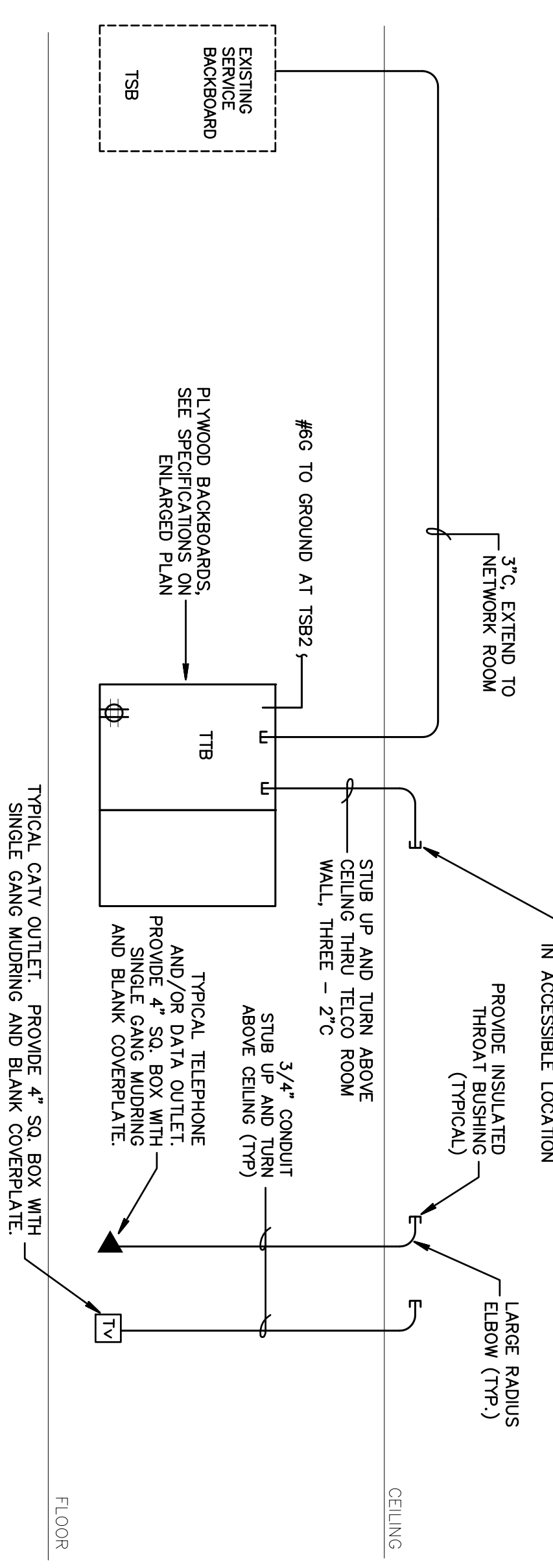
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PROJ - 11-028

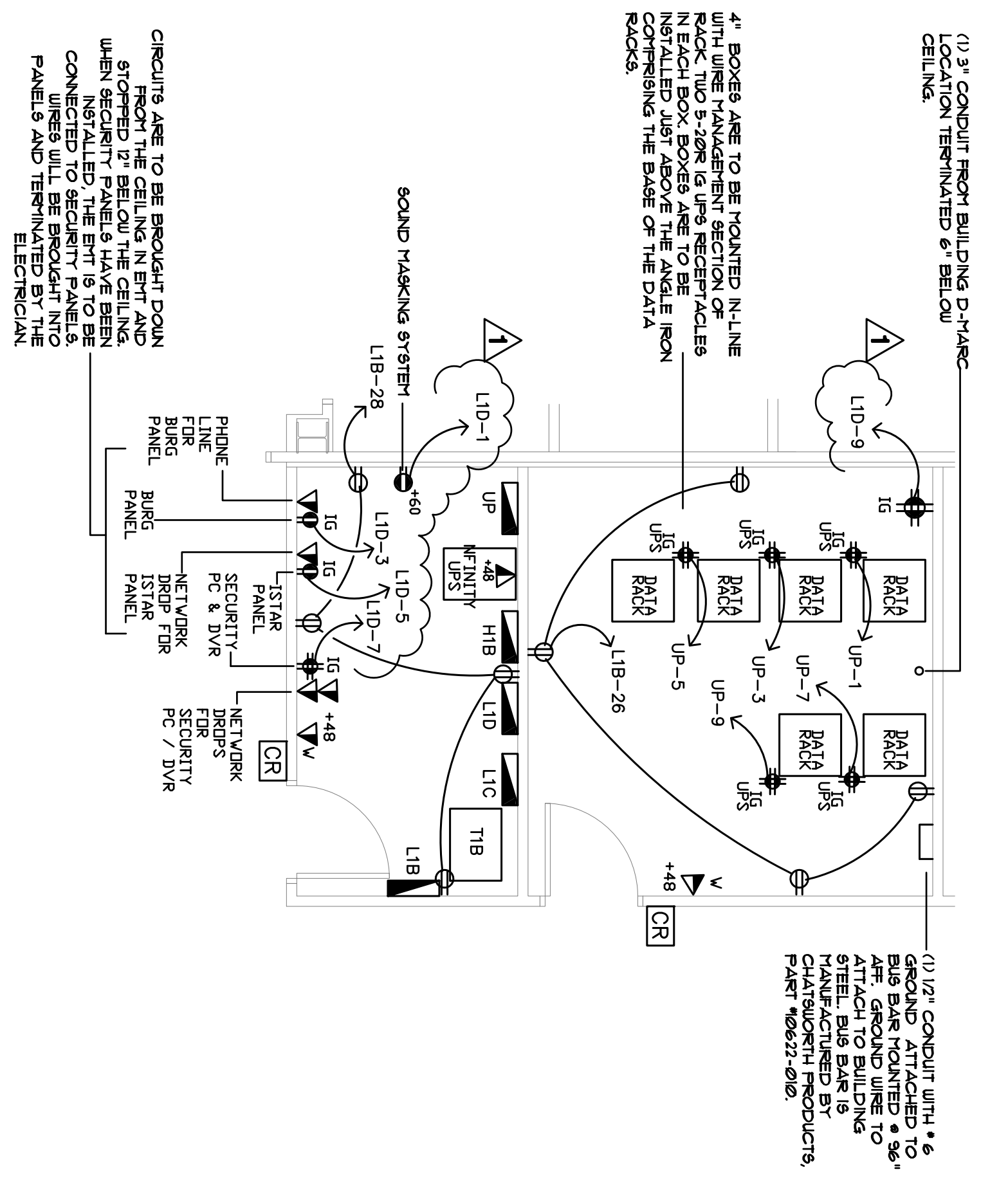


THESE DRAWINGS PROVIDE AN EMPTY RACEWAY AND OUTLET SYSTEM FOR FUTURE USE BY THE TENANT. THERE IS NO ELECTRICAL WIRING. SUCH WIRING IS TO BE PROVIDED UNDER SEPARATE PERMIT.

ALL EMPTY RACEWAYS ARE TO BE CLEANED, AND A PULL STRING CAP FOR ALL CONDUITS WHICH ORIGINATE FROM EXTERIOR OF THE BUILDING.

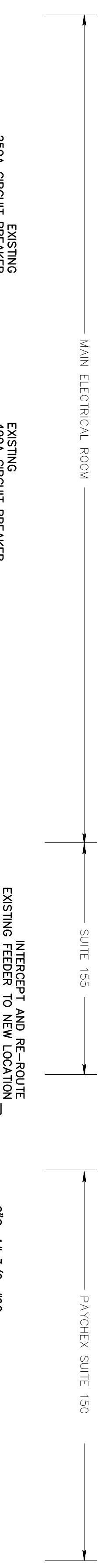


**TELEPHONE/DATA RISER DIAGRAM**

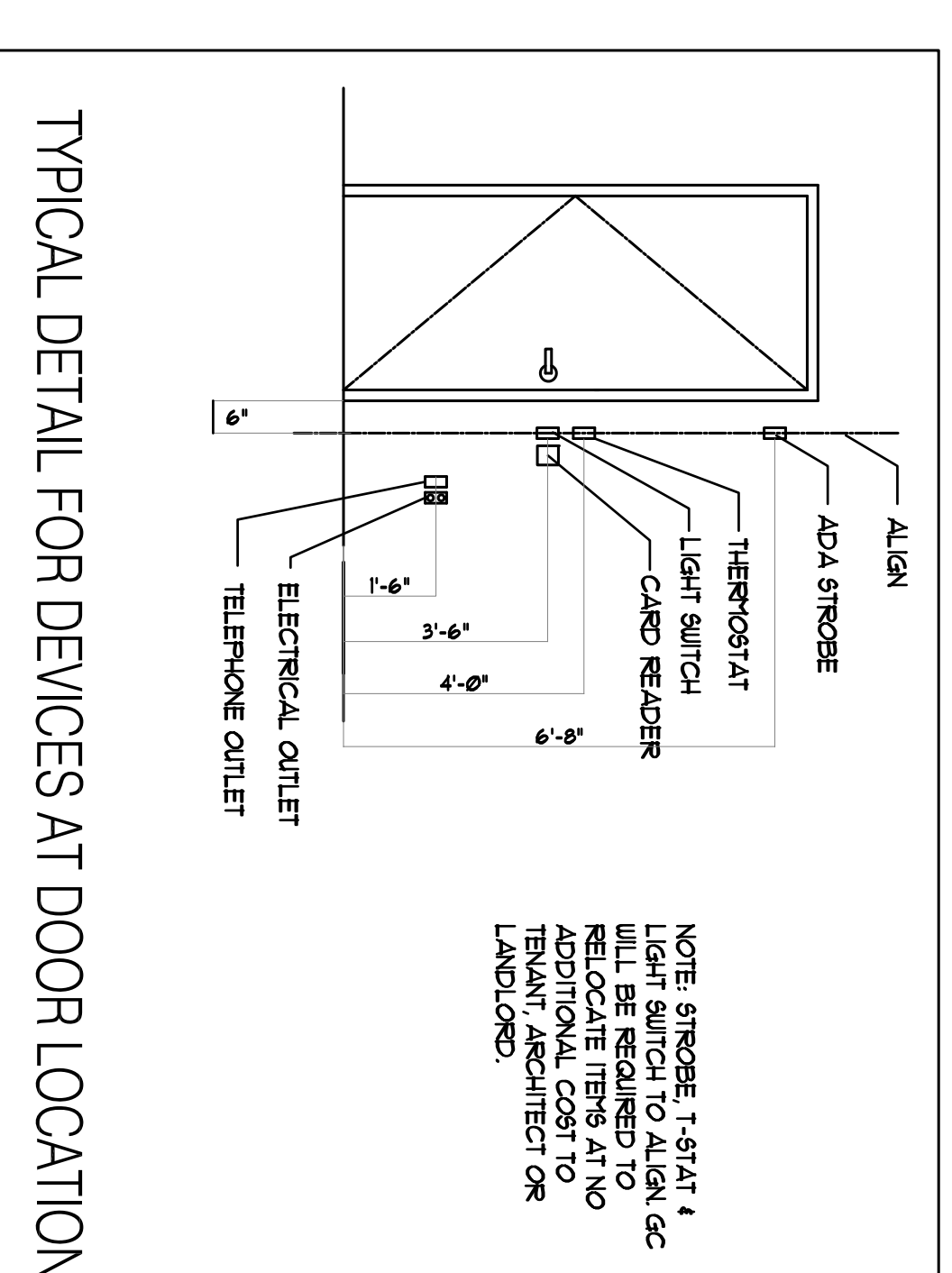
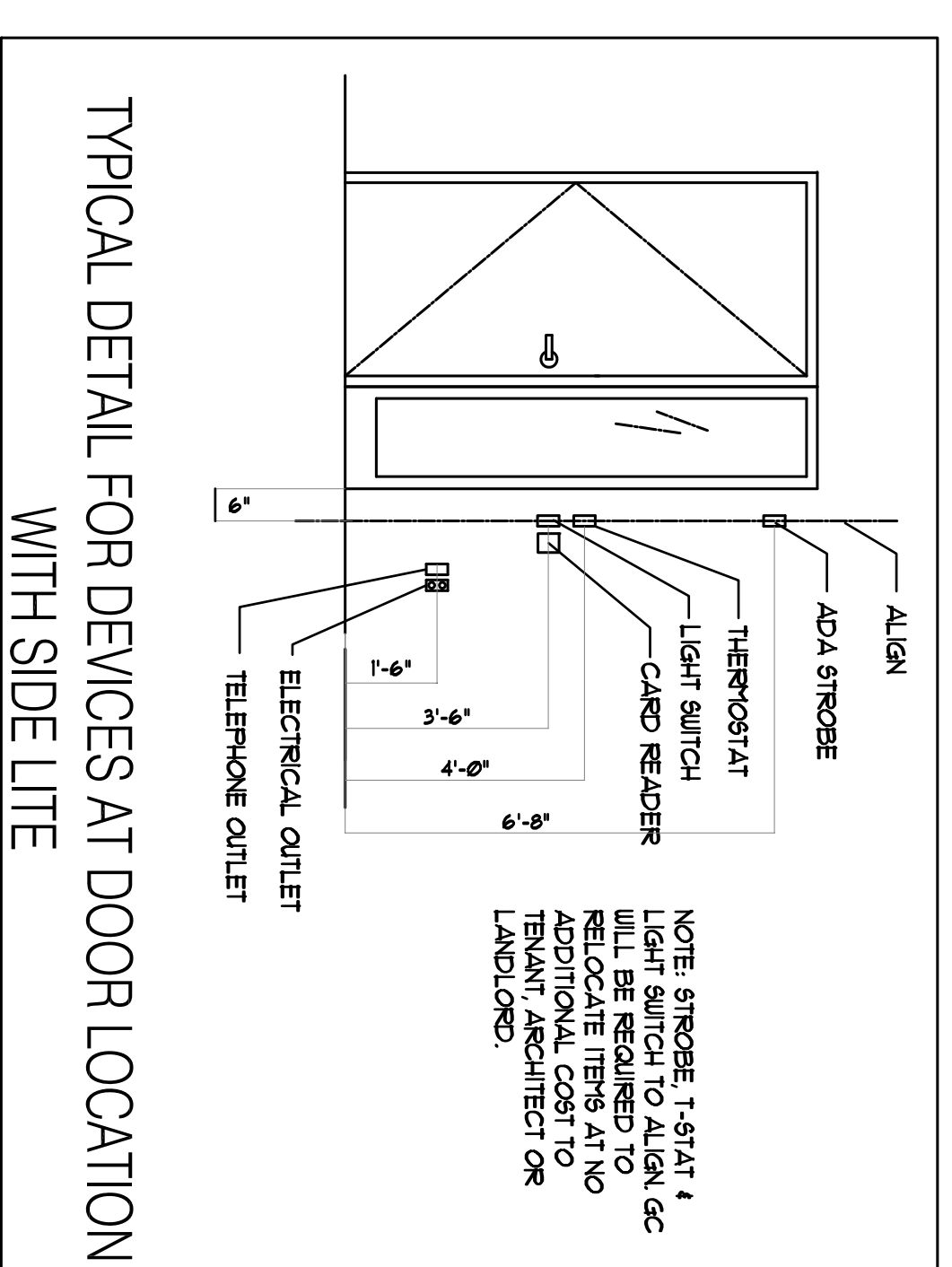
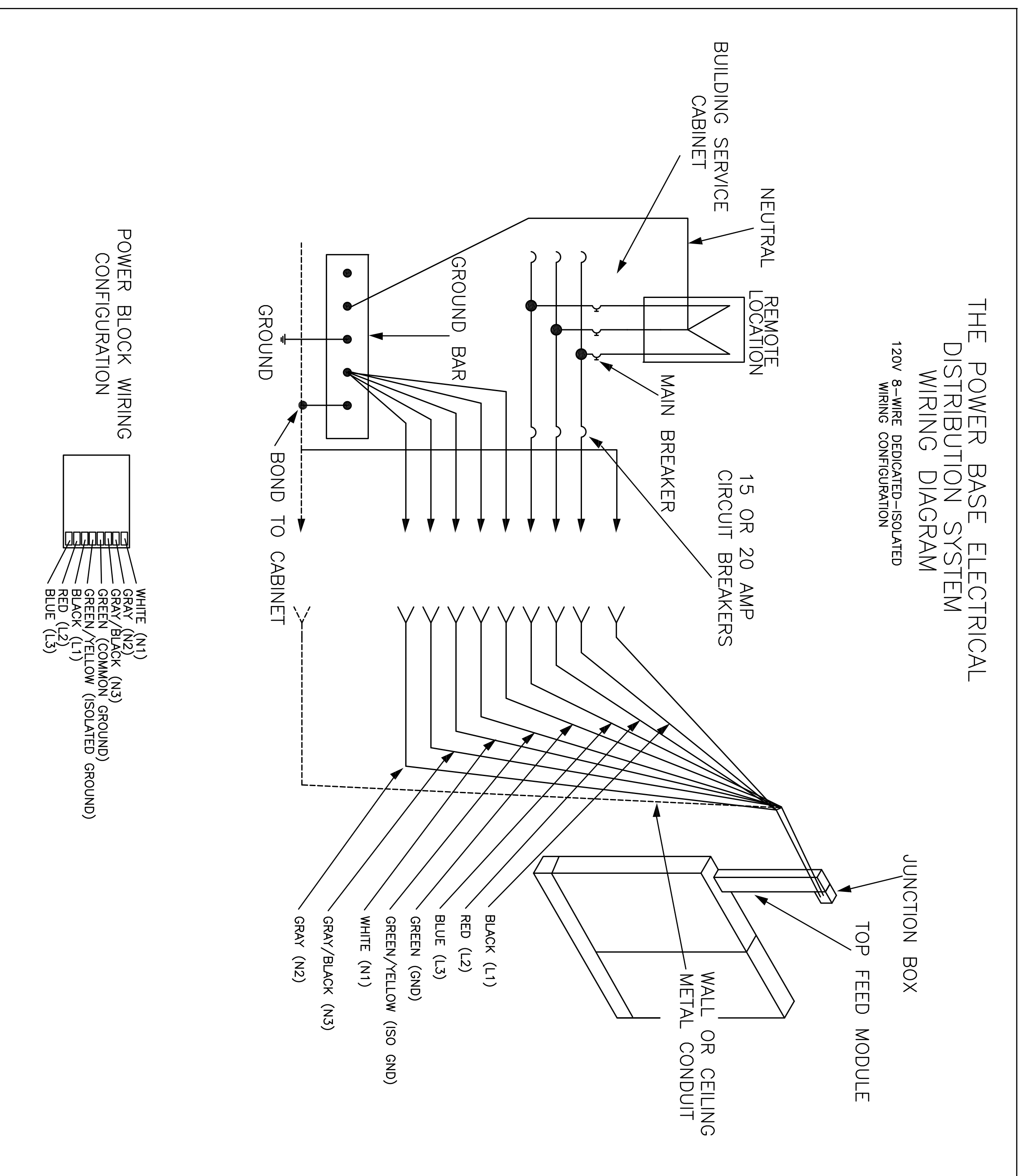


**NETWORK & ELECTRICAL ROOMS ENLARGED PLAN**

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



THE POWER BASE ELECTRICAL  
DISTRIBUTION SYSTEM  
WIRING DIAGRAM  
120V 8-WIRE DEREGATED-ISOLATED  
WIRING CONFIGURATION



LIGHTING FIXTURE SCHEDULE

SYMBOL TYPE	MOUNT	LAMP	VOLT	MANUFACTURER	CATALOG	REMARKS
A	DIRECT/INDIRECT TROFFER 2X4	Q3P102 T8/35K	MT		CFH2GPF332UNVH3	92 WATTS
B	DIRECT/INDIRECT TROFFER 2X2	Q3P107 T8/35K	MT		CFH2GPF317UNVH3	62 WATTS
C	INCANDESCENT DOWNLIGHT	75W PAR30/FL	120	PRESCOTTITE	LFGINC-6V-BB-VT	75 WATTS
D	UNDERCABINET STRIP	Q2P103 T3/35K	120	COLUMBIA	UCS42-113-PH120	32 WATTS
E	EXISTING FIXTURE TO REMAIN AS IS					
	EXIT LIGHT	BY MFG.	MT	DUAL LITE	LXRIVE	① ②
	EMERGENCY LIGHTING	BY MFG.	MT	DUAL LITE	LZ2	②

- ① PROVIDE SINGLE OR DUAL FACE, WALL OR CEILING MOUNT, AS SHOWN ON PLANS.
- ② PROVIDE BATTERY BACKUP FOR 90 MINUTES IN ACCORDANCE WITH NFPA 101.
- ③ CONNECT BATTERY/INVERTER TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT IN THE SAME AREA.

ELECTRICAL DETAILS

NO SCALE

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5			

PAYCHEX

1450 CENTREPARK DR #150  
WEST PALM BEACH, FL

PROJECT NUMBER 14511

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BD

## ELECTRICAL SYMBOLS

<p>COMMUNICATION CONDUIT.</p> <p>4" OUTLET BOX W/ SINGLE GANG PLASTER FRAME W/ 3/4" EMPTY CONDUIT W/ BRAGLINE STUBBED 6" ABOVE HUNG CEILING FOR VOICE/DATA CABLES, MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE. UDN.</p> <p>1 SINGLE POLE SWITCH</p> <p>2 THREE WAY SWITCH</p> <p>3 DIMMER SWITCH</p> <p>4 AUXILIARY UPS CIRCUIT- TWO GANG</p> <p>5 DERIVED FROM THE UPS PANEL, TWO SINGLE PHASE, 3V-200-125V ISOLATED GROUND STRAIGHT BLADE DUPLEX RECEPTABLES ON DEDICATED UPS CIRCUIT (PHASE CONDUCTOR, NEUTRAL, AND ISOLATED GROUND ARE NOT TO BE SHARED WITH ANY OTHER CIRCUIT) NEMA 5-20R 1G. - ENCLOSED IN A 4" OUTLET BOX, MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE, UDN.</p> <p>6 AUXILIARY UPS CIRCUIT- SINGLE GANG</p> <p>7 DERIVED FROM THE UPS PANEL, SINGLE PHASE, 3V-200-125V ISOLATED GROUND STRAIGHT BLADE DUPLEX RECEPTABLE ON DEDICATED UPS CIRCUIT (PHASE CONDUCTOR, NEUTRAL, AND ISOLATED GROUND ARE NOT TO BE SHARED WITH ANY OTHER CIRCUIT) - NEMA 5-20R 1G - ENCLOSED IN A 4" OUTLET BOX W/ SINGLE GANG PLASTER FRAME, MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE, UDN.</p> <p>8 WORK STATION ELECTRICAL- 8 WIRE</p> <p>9 DEDICATED 3 CIRCUIT, 8 WIRE CONFIGURATION CONSISTING OF #12 GAUGE WIRES, 3 PHASE CONDUCTORS (220V), NEUTRAL, AND ISOLATED GROUND ARE NOT TO BE SHARED WITH ANY OTHER CIRCUIT. MORE J-BOXES LOCATED ABOVE THE DROP CEILING, THE J-BOXES WILL REQUIRE A SECTION OF FLEXIBLE METALLIC CONDUIT CONTAINING THE 8 WIRES READY FOR CONNECTION TO THE POWER POLE.</p> <p>10 SYMBOL DENOTES THE 8 WIRE CONFIGURATION LISTED ABOVE RUNNING ABOVE THE DROP CEILING FROM J-BOX TO J-BOX. J-BOXES ARE TO BE LOCATED NEXT TO EACH POWER POLE.</p> <p>11 SYMBOL DENOTES THE 8 WIRE CONFIGURATION LISTED ABOVE RUNNING ABOVE THE DROP CEILING FROM J-BOX BACK TO THE LOW VOLTAGE PANEL.</p> <p>12 DEDICATED CIRCUIT WITH ISOLATED GROUND.</p> <p>13 SINGLE PHASE, 3V-200-125V ISOLATED GROUND STRAIGHT BLADE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT (PHASE CONDUCTOR, NEUTRAL, AND ISOLATED GROUND ARE NOT TO BE SHARED WITH ANY OTHER CIRCUIT) MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE, UDN.</p>	<p>1 DEDICATED CIRCUIT WITH ISOLATED GROUND - TWO GANG</p> <p>2 SINGLE PHASE, 3V-200-125V ISOLATED GROUND STRAIGHT BLADE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT - NEMA 5-20R 1G. - ENCLOSED IN A 4" OUTLET BOX MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE, UDN.</p> <p>3 DEDICATED CIRCUIT</p> <p>4 SINGLE PHASE, 3V-200-125V STRAIGHT BLADE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT (PHASE CONDUCTOR, NEUTRAL, AND ISOLATED GROUND ARE NOT TO BE SHARED WITH ANY OTHER CIRCUIT) - NEMA 5-20R - ENCLOSED IN A 4" OUTLET BOX, MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE, UDN.</p> <p>5 DEDICATED CIRCUIT - TWO GANG</p> <p>6 SINGLE PHASE, 3V-200-125V STRAIGHT BLADE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT (PHASE CONDUCTOR, NEUTRAL, AND ISOLATED GROUND ARE NOT TO BE SHARED WITH ANY OTHER CIRCUIT) - NEMA 5-20R - ENCLOSED IN A 4" OUTLET BOX, MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE, UDN.</p> <p>7 GENERAL EQUIPMENT RECEPTABLE- 20 AMP</p> <p>8 SINGLE PHASE, 3V-200-125V STRAIGHT BLADE DUPLEX RECEPTACLE - NEMA 5-20R - ENCLOSED IN A 4" OUTLET BOX, MOUNTED @ 18" A.F.F. TO CENTER OF RECEPTACLE, UDN.</p> <p>9 INSTALL 4" OUTLET BOX W/ SINGLE GANG PLASTER FRAME W/ 1/2" EMPTY CONDUIT W/ BRAGLINE STUBBED 6" ABOVE HUNG CEILING FOR VOICE/DATA CABLES, MOUNTED @ 48" A.F.F. TO CENTER OF OUTLET BOX, UDN.</p> <p>10 DOOR BELL - NUTONE MODEL # R029723, MOUNT AT 48" A.F.F.</p> <p>11 DOOR BELL CHIME - NUTONE MODEL #LB24V, MOUNT AT 96" A.F.F.</p> <p>12 CEILING MOUNTED SECURITY CAMERA</p>	<p>1 LIGHTING FIXTURE IDENTIFICATION</p> <p>2 RECTANGULAR LIGHTING FIXTURE - AS NOTED</p> <p>3 RECTANGULAR LIGHTING FIXTURE - EXISTING AS NOTED</p> <p>4 ROUND LIGHTING FIXTURE</p> <p>5 DIRECTIONAL LIGHTING FIXTURE</p> <p>6 WALL MOUNTED LIGHTING FIXTURE</p> <p>7 LINEAR STRIP LIGHTING FIXTURE</p> <p>8 EXIT LIGHT WITH EMERGENCY BATTERY BACKUP</p> <p>9 EMERGENCY LIGHTING FIXTURE WITH BATTERY BACKUP</p> <p>10 RECTANGULAR LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP</p> <p>11 ROUND LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP</p> <p>12 SINGLE RECEPT - 20 AMP (18" A.F.F.)</p> <p>13 DUPLEX RECEPT MOUNTED ABOVE COUNTER - 20 AMP (42" A.F.F.)</p> <p>14 DUPLEX RECEPT FLUSH FLOOR MOUNTED - 20 AMP</p> <p>15 SPECIAL PURPOSE RECEPT (18" A.F.F. - MATCH EQUIPMENT PROVIDED)</p> <p>16 QUAD-PLEX RECEPT - 20 AMP (18" A.F.F.)</p> <p>17 JUNCTION BOXES</p> <p>18 FUSIBLE DISCONNECT (SWITCH POLES, AMPS/FUSERS AS SHOWN)</p> <p>19 MOTOR RATED SWITCH (WITH OVERLOADS)</p> <p>20 ELECTRICAL PANELBOARD</p> <p>21 MOTOR LOAD</p> <p>22 CIRCUIT HOME RUN TO PANELBOARD OR OTHER DEVICE AS INDICATED</p> <p>23 CONDUIT CONCEALED</p> <p>24 CAPPED CONDUIT</p> <p>25 TELEVISION OUTLET (18" A.F.F.)</p> <p>26 TELEPHONE/DATA OUTLET (18" A.F.F.)</p> <p>27 TEL/DATA OUTLET FLUSH FLOOR MOUNTED</p> <p>28 EXISTING DUPLEX RECEPTACLE TO REMAIN.</p> <p>29 TELEPHONE/DATA OUTLET - EXISTING TO REMAIN</p> <p>30 EXISTING DEVICE TO REMAIN, UNLESS NOTED OTHERWISE</p> <p>31 EXISTING DEVICE, RELOCATED AS SHOWN</p> <p>32 EXISTING DEVICE TO BE DEMOLISHED OR RELOCATED</p> <p>33 EXISTING SINGLE POLE TOGGLE SWITCH TO REMAIN.</p> <p>34 CONCEALED CIRCUIT AS NOTED</p> <p>35 OCCUPANCY SENSOR WITH MANUAL SWITCH, HUBBELL LHMTSI, 48" AFF</p> <p>36 OCCUPANCY SENSOR, CEILING MOUNT, HUBBELL DMN DT-2000</p> <p>37 POWER POLE, EXISTING</p> <p>38 PROPOSED POWER POLE CONNECTION TO FURNITURE PARTITION SYSTEM.</p> <p>39 N.L. LIGHTING FIXTURE (UNSWITCHED)</p>
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<p>A.F.F. ABOVE FINISHED FLOOR - HEIGHTS ARE FROM ABOVE FINISHED FLOOR TO CENTER OF RECEPTACLE</p> <p>UDN, UNLESS OTHERWISE NOTED ON FLOOR PLAN</p>	<p>NOTE: 1) ALL SWITCHES AND COVER PLATES ARE TO BE WHITE. 2) ALL GENERAL EQUIPMENT RECEPTABLES ARE TO BE WHITE. 3) ALL DEDICATED CIRCUIT ISOLATED GROUND RECEPTABLES ARE TO BE WHITE WITH A BLACK DOT. 4) ALL DEDICATED CIRCUIT ISOLATED GROUND RECEPTABLES ARE TO BE WHITE WITH A GREEN TRIANGLE. 5) ALL AUXILIARY UPS CIRCUIT RECEPTABLES ARE TO BE DRANGE WITH A GREEN TRIANGLE. 6) ALL DEDICATED ISOLATED GROUND CIRCUITS ARE NOT TO SHARE ANY CONDUCTORS, NEUTRALS, OR GROUNDS WITH ANY OTHER CIRCUIT. 7) ALL DEDICATED ISOLATED GROUND UPS CIRCUITS ARE NOT TO SHARE ANY CONDUCTORS, NEUTRALS, OR GROUNDS WITH ANY OTHER CIRCUIT. 8) ALL CIRCUITS REQUIRING A GROUND WIRE AND A GROUND POLE OR GROUND WIRE AND A GROUND POLE MUST BE ACCEPTABLE AND THE LENGTH OF ANY WIRE IS GREATER THAN 100 FT. THE WIRE SIZE MUST BE INCREASED BY ONE SIZE PER 100 FT. 9) ALL ELECTRICAL CONTRACTORS TO INCLUDE THE FOLLOWING IN THEIR PACKAGE. 10) AS BUILT DRAWINGS TO BE PROVIDED TO PAYCHEX UPON COMPLETION OF THE ELECTRICAL WORK. 11) COMPLETE PANEL INDEXES AND POWER POLES MARKED WITH A CIRCUIT/PANEL NUMBER.</p>	<p>* REFERENCE PAYCHEX WORK LETTER AND ELECTRICAL SPECIFICATION DOCUMENTS FOR MORE DETAILED INFORMATION. THE INFORMATION CONTAINED IN THESE DOCUMENTS IS TO BE CONSIDERED INCLUSIVE TO ALL DRAWINGS AND CONTRACTS.</p>
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### GENERAL DEMOLITION NOTES

1. UNLESS OTHERWISE NOTED, ALL EQUIPMENT, WIRING DEVICES, LIGHT FIXTURES, CONDUIT AND WIRE IN THE PROJECT AREA WHICH IS NOT INDICATED TO REMAIN, IS TO BE REMOVED. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
2. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
3. DEMOLITION WORK IS NOT SPECIFICALLY IDENTIFIED ON THESE PLANS, AND MAY BE DESCRIBED ON THE PROJECT'S PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION METHODS SHOWN ON THE PLANS OR NOT.
4. ALL CONDUITS SERVING OTHER SPACES OR FLOORS THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES.
5. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
6. PROPERLY REMOVE AND DISPOSE OF ALL ELECTRICAL EQUIPMENT, CONDUIT AND WIRING WHICH IS TO BE REMOVED. CONSULT WITH OWNER AND OBTAIN THE OWNERS APPROVAL PRIOR TO DISPOSAL OF REMOVED MATERIAL.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA, ARE PROPERLY SUPPORTED AND PROVIDED WITH BONDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.

### GENERAL ELECTRICAL NOTES

1. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL CONSTRUCTION DETAILS FOR DIMENSIONS REPRESENTATIVE TO THE PROJECT.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE (NFPA 70E (2008)), THE LIFE SAFETY CODE (NFPA 701), THE NATIONAL BUILDING CODE (IBC 2007 WITH 2009 SUPPLEMENTS), AND THE FLORIDA BUILDING CODE (FBC 2007 WITH 2009 SUPPLEMENTS).
3. MINIMUM WIRE SIZE SHALL BE #12 AWG, EXCLUDING CONTROL, WIRING, UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE COPPER WITH THIN INSULATION.
4. OUTLET BOXES SHALL BE SHEET STEEL, IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES AS REQUIRED FOR OTHER CLASSIFIED AREAS.
5. DISCONNECT SWITCHES SHALL BE HP, RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK, WITH ENCLOSURES AS EXPOSURE.
6. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC, WITH OVERLOAD RELAYS IN EACH HOT LEG.
7. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM, AND FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C.
8. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
9. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER.
10. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
11. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
12. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
13. ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTING.
14. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
15. FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR AIR CONDITIONING SYSTEM AS PER MANUFACTURERS RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY AIR CONDITIONING CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR.
16. ALL RACEWAYS UNDERGROUND SHALL BE A MINIMUM OF 3/4" CONDUIT.
17. ALL CIRCUIT BREAKERS, TWO AND THREE POLE, TO BE COMMON TRIP. NO TIE HANDLES, OR TANDEMS WILL BE ACCEPTED.
18. ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE CURRENT LIMITING (CLL) RATED FOR 200,000 AIC.
19. ALL ELECTRICAL EQUIPMENT, DEVICES, WIRE, ETC. SHALL BE LISTED FOR THE INTENDED USE WITH UNDERWRITERS' LABORATORIES, INC. (UL), WHERE STANDARDS HAVE BEEN ESTABLISHED BY UL.
20. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN, ON SITE, A DETAILED AS-BUILT PLAN SHOWING ACTUAL INSTALLATIONS. THE CONTRACTOR IS TO PROVIDE A NEATLY DRAWN COMPREHENSIVE AS-BUILT SET OF PLANS UPON COMPLETION, WHICH ARE SUITABLE FOR SUBMISSION TO THE BUILDING DEPARTMENT AND THE OWNER.
21. ALL WIRING IS TO BE IN CONDUIT. CABLES ARE NOT ACCEPTABLE UNLESS APPROVED PRIOR TO BID BY THE LANDLORD.

## ELECTRICAL NOTES AND SYMBOLS

Gilman & Associates, Inc.  
MECHANICAL & ELECTRICAL ENGINEERS  
129 N. FEDERAL HIGHWAY SUITE 202  
LAKE WORTH, FL 33460 C.A. #009078  
(561) 582-0210 Fax (561) 582-5212  
RONALD D. GILMAN P.E. #37933

PROJECT - 11-028

DRAWN BY GD	08/18/11
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### PAYCHEX

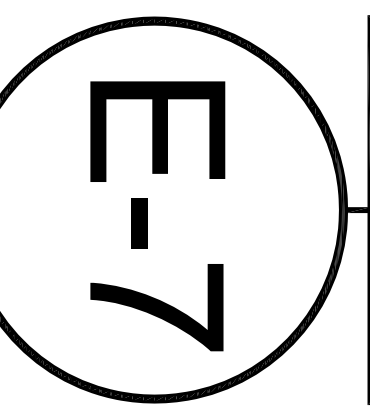
1450 CENTREPARK DR #150  
WEST PALM BEACH, FL

PROJECT NUMBER 14511

1511 prosperity farms road  
suite #100  
lake park, fl 33403  
phone 861-249-4001  
fax 772-409-8684  
AA26001615

## birse design inc.

# BD



**EXISTING PANEL**

**PANEL L1D**

TYPE: GE AOF  
 SERVICE: 120/208, 3Ø, 4W  
 MOUNTING SURFACE

MAIN BUS: 125 AMP  
 NEUTRAL: FULL  
 MAINS: 200A CBKR.  
 A.I.C. 10K

DEK. KVA	OTHER POLE	TRIP-PUT	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE CON-DUIT	TRIP-PUT	OTHER POLE	DEK. KVA
0.8	20-1	1/2	12	12	SOUND MASKING SYSTEM I.G.	1	2	SPARE			20-2	
0.4	1/2	12	12	12	BURG PANEL I.G.	3	4				20-2	
0.4	1/2	12	12	12	ISTAR PANEL I.G.	5	6	SPARE				
0.4	1/2	12	12	12	SECURITY PC & DVR I.G.	7	8				20-1	
0.4	1/2	12	12	12	WALL RECEPTACLE I.G.	9	10	SPARE				
					SPARE	11	12					
						13	14					
						15	16					
						17	18					
						19	20					
						21	22					
						23	24					
						25	26					
					SPACE	27	28	SPACE				
						29	30					
						31	32					
						33	34					
						35	36					
						37	38					
						39	40					
						41	42					
2.4												

TOTAL DEMAND LOAD: 2.4 KVA = 7 AMPS

**EXISTING PANEL**

**PANEL H5**

TYPE: CUTLER HAMMER PRL  
 SERVICE: 277/480, 3Ø, 4W  
 MOUNTING SURFACE

MAIN BUS: 100 AMP  
 NEUTRAL: FULL  
 MAINS: MLD  
 A.I.C. 14K

DEK. KVA	OTHER POLE	TRIP-PUT	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE CON-DUIT	TRIP-PUT	OTHER POLE	DEK. KVA
1.8	20-1	1/2	12	12	LIGHTING	1	2	SPACE				
1.7	20-1	1/2	12	12	LIGHTING	3	4					
2.3	20-1	1/2	12	12	LIGHTING	5	6					
					SPACE	7	8					
						9	10					
						11	12					
						13	14					
						15	16					
						17	18	TRANSFORMER			50-3	11.1
						19	20					
5.8												

LIGHTING: 5.8 X 1.25 = 7.3 KVA  
 NON-DEMAND LOAD: 11.1 KVA  
 TOTAL DEMAND LOAD: 18.4 KVA = 22 AMPS

**EXISTING PANEL**

**PANEL L5**

TYPE: CUTLER HAMMER CH  
 SERVICE: 120/208, 3Ø, 4W  
 MOUNTING SURFACE

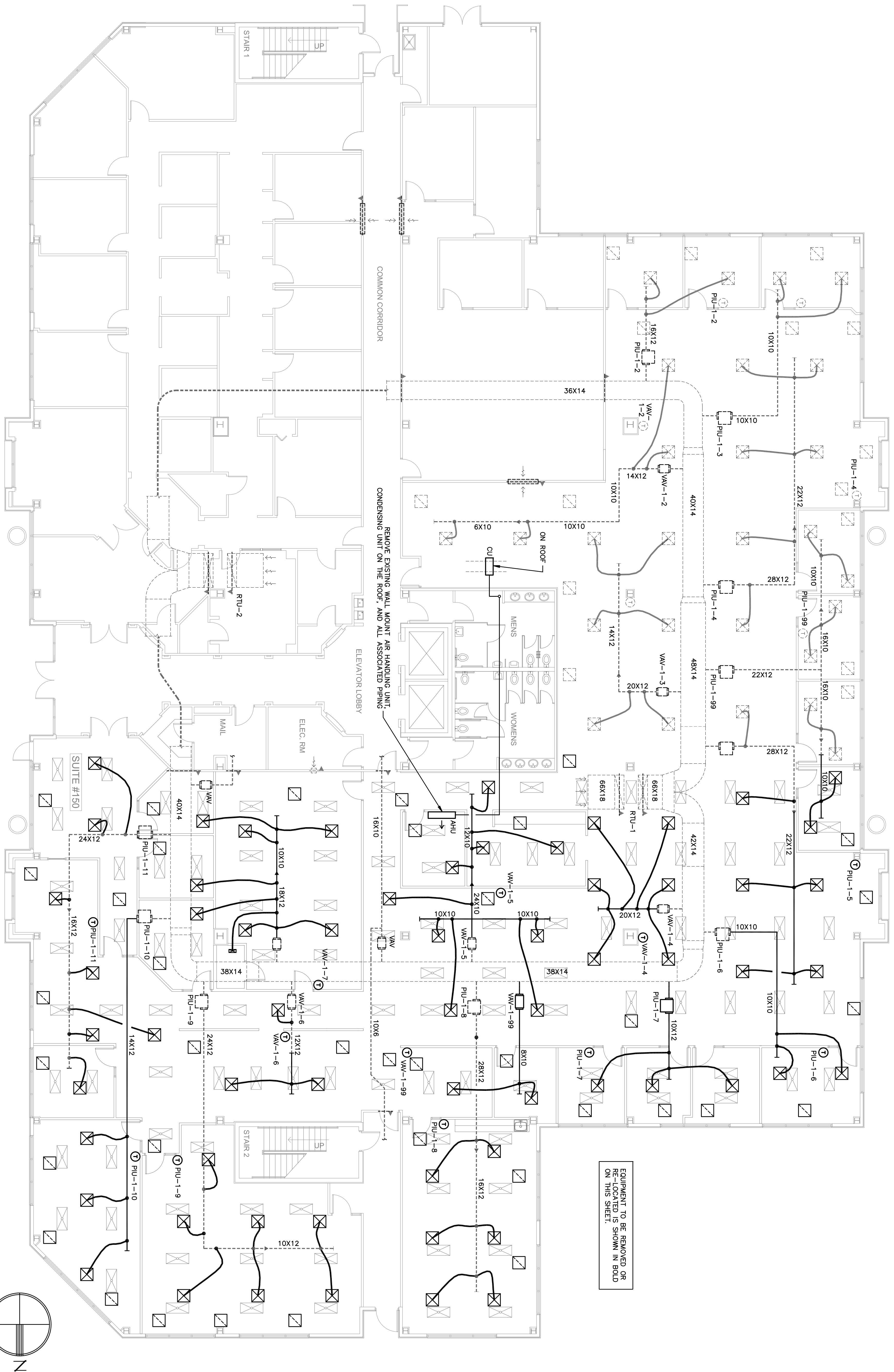
MAIN BUS: 100 AMP  
 NEUTRAL: FULL  
 MAINS: 100A CBKR.  
 A.I.C. 10K

DEK. KVA	OTHER POLE	TRIP-PUT	CON-DUIT	WIRE	REMARKS	CKT. NO.	CKT. NO.	REMARKS	WIRE CON-DUIT	TRIP-PUT	OTHER POLE	DEK. KVA
1.1	20-1	1/2	12	12	REC. OFFICE RM. 103.104	1	2	RECEPTACLES OPEN WEST			20-1	0.5
0.9	1/2	12	12	12	REC. OFFICE RM. 102.103.104	3	4	REC. SOUTHWEST OFFICES				1.1
0.5	1/2	12	12	12	REC. LOBBY RM. 100	5	6	REC. SOUTHWEST OFFICES				0.5
1.1	1/2	12	12	12	REC. OFFICE 101.102	7	8	REC. SOUTHWEST OFFICES				1.1
0.7	1/2	12	12	12	REC. OFFICE RM. 101.2.3.4	9	10	REC. NORTHWEST OFFICES				1.1
0.5	1/2	12	12	12	REC. LOBBY RM. 100	11	12	REC. NORTHWEST OFFICES				0.7
0.2	1/2	12	12	12	TEL. BKBD	13	14	REC. NORTHWEST OFFICES				0.7
					SPACE	15	16	RECEPT. SOUTHEAST OPEN				0.4
						17	18	SPACE				
						19	20	SPACE				
5.0												6.1

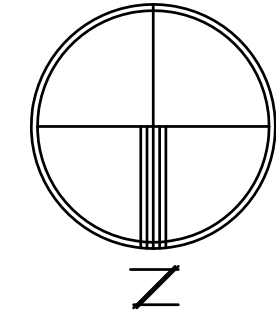
TOTAL DEMAND LOAD: 11.1 KVA = 31 AMPS

- PANEL SCHEDULES KEYNOTES**
- EXISTING CIRCUIT BREAKER TO REMAIN.
  - PROVIDE NEW CIRCUIT BREAKER, MATCH EXISTING BREAKERS.
  - PROVIDE SEPARATE NEUTRAL AND SEPARATE ISOLATED GROUNDING CONDUCTOR MULTI-WIRE MULTI-CIRCUIT HOME RUNS ARE NOT ACCEPTABLE.
  - SEE 8-WIRE FURNITURE SYSTEM WIRING DIAGRAM.
  - RE-LOCATE EXISTING CIRCUIT BREAKER FROM PANEL L1D.
  - PROVIDE SEPARATE NEUTRAL CONDUCTOR MULTI-WIRE MULTI-CIRCUIT HOME RUNS ARE NOT ACCEPTABLE.
  - EXISTING CIRCUIT TO REMAIN AS IS (NO WIRING)





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



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 (561) 582-0210 Fax (561) 582-8212  
 RONALD D. GILMAN P.E. #37933

PROJ# = 11-028

**M-1**

DRAWN BY GD  
 CD  
 08/18/11

REVISIONS
1
2
3
4
5

**PAYCHEX**  
 1450 CENTREPARK DR #150  
 WEST PALM BEACH, FL  
 PROJECT NUMBER 14511

birse design inc.  
 1511 prosperity farms road  
 suite #100  
 lake park, fl 33403  
 phone 561-249-4001  
 fax 772-409-8684  
 AA26001615

**BD**

ABBREVIATIONS			
PU	PARALLEL FAN POWERED VARIABLE AIR VOLUME	MVD	MANUAL VOLUME DAMPER (OPPOSED BLADE TYPE)
VAV	VARIABLE AIR VOLUME	FD	FIRE DAMPER
S/A	SUPPLY AIR	AHU	AIR HANDLING UNIT
R/A	RETURN AIR	CU	CONDENSING UNIT
O/A	OUTSIDE AIR	E	EXISTING
E/A	EXHAUST AIR	R	RE-LOCATE
CFM	CUBIC FEET PER MINUTE		

SYMBOL LEGEND	
	EQUIPMENT AS NOTED
	EXISTING EQUIPMENT AS NOTED
	SUPPLY AIR DIFFUSER AS NOTED
	RETURN/TRANSFER GRILLE AS NOTED
	DUCTWORK AS NOTED
	EXISTING DUCTWORK TO REMAIN
	DUCT TRANSITION
	OVERTIME A/C CARD READER
	TYPE B FIRE DAMPER W/ACCESS DOOR
	MANUAL VOLUME DAMPER
	THERMOSTAT AS NOTED
	FLEXIBLE DUCT, U.L. CLASS 1
	TAKE-OFF WITH VOLUME DAMPER FOR FLEXIBLE DUCT

**HVAC PROJECT SPECIFIC NOTES**

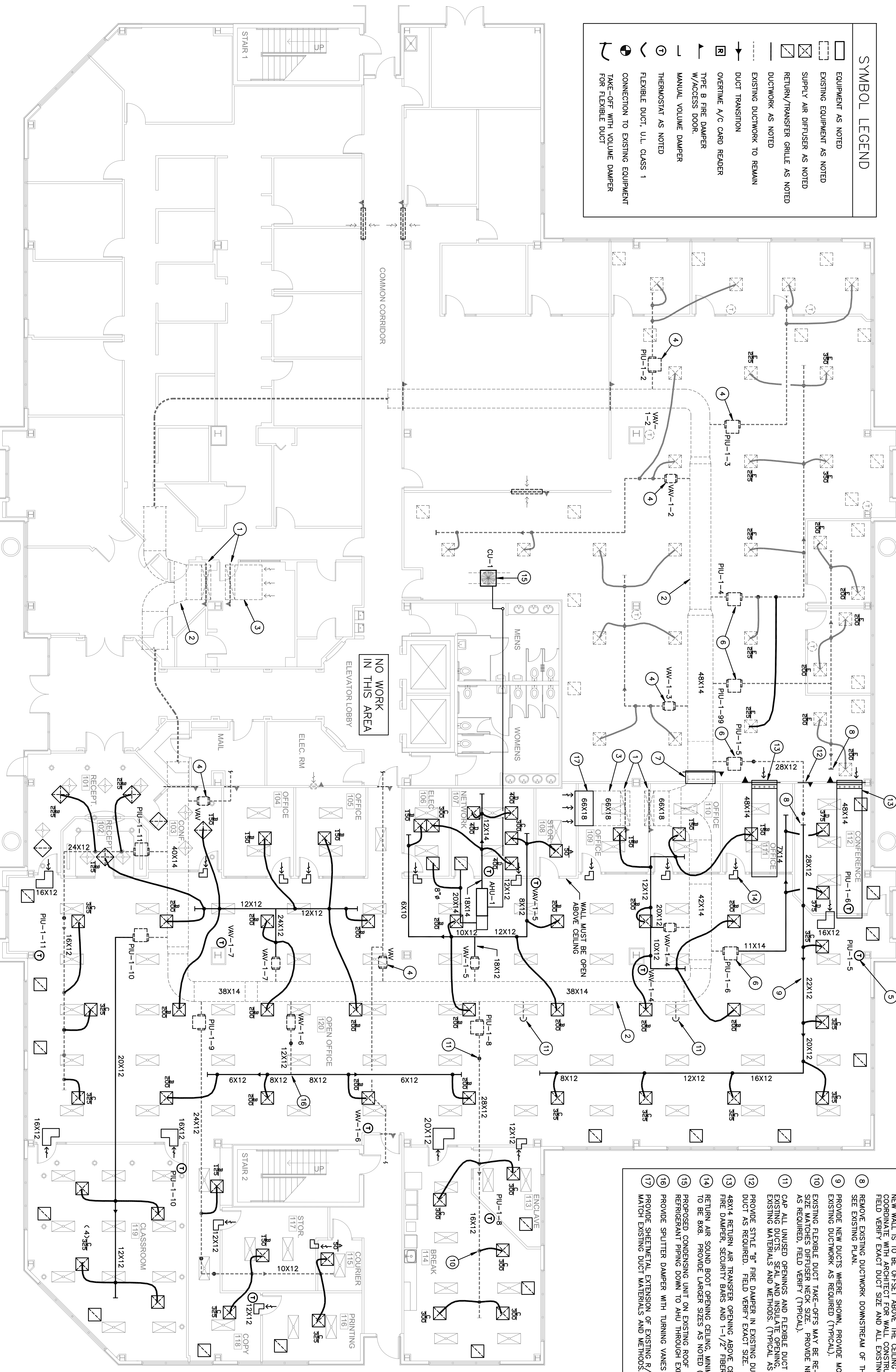
CONTRACTOR IS TO INSPECT ALL EXISTING DUCTWORK SHOWN ON THESE PLANS AS REMAINING. REPAIR AS REQUIRED ANY DAMAGED DUCTWORK OR INSULATION WHERE DUCTWORK IS INSULATE TO MATCH EXISTING METHODS AND MATERIALS. EXISTING VAV UNITS WHICH ARE REMAINING ARE TO BE INSPECTED, ADJUSTED AND REPAIRED WHERE NECESSARY.

THE CEILING SPACE THROUGHOUT THIS PROJECT IS A RETURN AIR PLENUM. NO COMBUSTIBLE OR TOXIC MATERIALS ARE ALLOWED ABOVE THE CEILING.

COORDINATE WITH OWNER FOR ALTERNATE BID TO REPAIR EXISTING SUPPLY AND RETURN AIR GRILLES. VERIFY EXISTING GRILLE QUANTITY AND SIZES PRIOR TO BID.

THE FOLLOWING ITEMS ARE TO BE ALTERNATE PRICED AS AN ADD ALL RELATED PIPING, DUCTWORK, DEVICES AND CONTROLS. ALL SOUND BOOTS AND OTHER TRANSFER AIR DUCTS AND OTHER THE FANBOX SPACE

- DRAWING KEYNOTES:**
- EXISTING MAIN SUPPLY AND RETURN AIR DUCTS UP TO ROOFTOP A/C UNIT. SHOW FOR REFERENCE ONLY.
  - EXISTING MAIN SUPPLY AIR DUCT TO REMAIN AS IS.
  - EXISTING MAIN RETURN AIR DUCT TO REMAIN AS IS. (NO WORK)
  - EXISTING THERMOSTAT BOX TO REMAIN AS IS. (NO WORK)
  - NEW THERMOSTAT LOCATION (TYPICAL MARKED "R").
  - EXISTING TERMINAL BOX TO BE RE-BALANCED. ADJUST ALL AIR OUTLETS AND MAXIMUM/MINIMUM CFM OF BOX AS SHOWN. (TYPICAL UNLESS NOTED OTHERWISE)
  - PROVIDE STYLE "B" FIRE DAMPER IN NEW TENANT RATED WALL. NAME PLATE IS TO BE STRAIGHT DOWN AND BOE REQUIRED. COORDINATE WITH ARCHITECT FOR WALL CONSTRUCTION. FIELD VERIFY EXACT DUCT SIZE AND ALL EXISTING CONDITIONS.
  - REMOVE EXISTING DUCTWORK DOWNSSTREAM OF THIS POINT. SEE EXISTING PLAN.
  - PROVIDE NEW DUCTS WHERE SHOWN. PROVIDE MODIFICATIONS TO EXISTING DUCTWORK AS REQUIRED (TYPICAL).
  - EXISTING FLEXIBLE DUCT TAKE-OFFS MAY BE RE-USED WHERE SIZES MATCHES DIFFUSER INBOX SIZE. PROVIDE NEW TAKE-OFFS AS REQUIRED. FIELD VERIFY (TYPICAL).
  - CAP ALL UNUSED OPENINGS AND FLEXIBLE DUCT TAKE-OFFS IN EXISTING DUCTS. SEAL AND INSULATE OPENING. MATCH EXISTING MATERIALS AND METHODS (TYPICAL AS REQUIRED)
  - PROVIDE STYLE "B" FIRE DAMPER IN EXISTING DUCT. MODIFY DUCT AS REQUIRED. FIELD VERIFY EXACT SIZE.
  - AHU RETURN AIR TRANSFER OPENING ABOVE CEILING. WITH RETURN AIR SOUND BOOT OPENING CEILING. MINIMUM SIZE TO BE 8X8. PROVIDE LARGER SIZES AS NOTED (TYPICAL)
  - PROVIDE CONDENSING UNIT ON EXISTING ROOF RACK. RUN REFRIGERANT PIPING DOWN TO AHU THROUGH EXISTING CHASE.
  - PROVIDE SPLITTER DAMPER WITH TURNING VANES (TYPICAL "T")
  - PROVIDE SHEETMETAL EXTENSION OF EXISTING R/A MAIN DUCT. MATCH EXISTING DUCT MATERIALS AND METHODS.



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

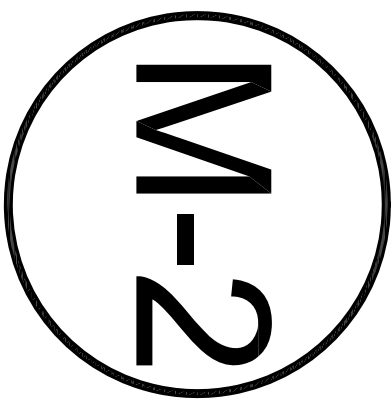
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PK04 - 11-028

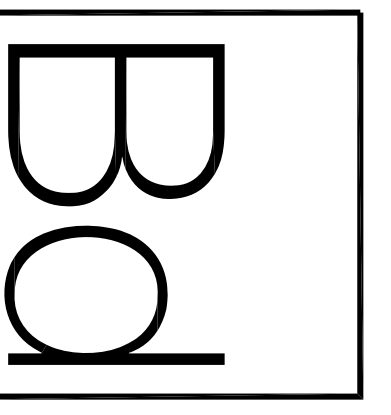
REVISIONS	DATE	BY	REVISION
1	08/18/11	GD	8-18-11 TENANT REV.
2			
3			
4			
5			

**PAYCHEX**  
 1450 CENTREPARK DR #150  
 WEST PALM BEACH, FL  
 PROJECT NUMBER 14511

DRAWN BY GD  
 CD  
 08/18/11



**birse design inc.**  
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 phone 561-249-4001  
 fax 772-409-8684  
 AA26001615



**MECHANICAL GENERAL NOTES:**

- THESE DRAWINGS ARE DIAGRAMMATIC. ALL OFFSETS, FITTINGS, TRANSITIONS AND ACCESSORIES ARE NOT SHOWN. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL ITEMS REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. DO NOT SCALE DRAWINGS FOR INSTALLATION.
- ALL WORK SHALL BE PERFORMED IN A FIRST CLASS WORKMANLIKE MANNER BY LICENSED CONTRACTORS.
- THE CONTRACTOR SHALL OBTAIN AT HIS EXPENSE ALL NECESSARY FEES PERMITS, AND TESTS.
- ALL WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES. NO CONTRACTOR SHALL BID UNLESS FAMILIAR WITH THESE CODES. CORRECTION OF DEFECTS TO THIS WORK SHALL BE MADE PROMPTLY WITHOUT CHARGE TO THE OWNER. REPAIR AND REPLACEMENT FOR DAMAGE CAUSED BY THIS CONTRACTOR SHALL BE MADE PROMPTLY WITHOUT CHARGE TO THE OWNER.
- ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY PROGRESS OF CONSTRUCTION.
- THE CONTRACTOR SHALL INCLUDE THE WORK OF ALL REQUIRED SUB-CONTRACTORS, SUCH AS ELECTRICAL, INSULATING, TEST & BALANCE, ETC., AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- EQUIPMENT SHALL BEAR A U.L. OR OTHER RECOGNIZED LABEL, NAMEPLATES, WIRING DIAGRAMS, AND ENERGY RATINGS AS APPLICABLE.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND ACCESSORIES TO BE READY ACCESSIBLE FOR SERVICING, TESTING, BALANCING, AND REPLACEMENT.
- THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE AGAINST DEFECTS IN ALL MATERIALS AND WORKMANSHIP FOR ONE YEAR FROM ACCEPTANCE WITH FOUR ADDITIONAL YEARS OF WARRANTY ON COMPRESSORS.
- THE CONTRACTOR SHALL PROVIDE THREE COPIES OF SUBMITTAL DATA, SHOP DRAWINGS, AND OPERATION AND MAINTENANCE MANUALS FOR ALL PROJECT ITEMS.
- PROVIDE ALL CONTROLS, STARTERS, CONTROL WIRING, DISCONNECTS, AND OVERHEAD ELECTRICAL EQUIPMENT AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- THE HVAC CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, ON SITE, A DETAILED AS-BUILT PLAN SHOWING ACTUAL INSTALLATIONS. THE CONTRACTOR SHALL PROVIDE THIS PLAN TO THE ARCHITECT UPON COMPLETION, WHICH ARE SUITABLE FOR SUBMISSION TO THE BUILDING DEPARTMENT AND TO THE OWNER.
- PRIOR TO ACCEPTANCE BY THE OWNER THE SYSTEMS SHALL BE TESTED AND BALANCED BY THE CONTRACTOR. PROVIDE A WRITTEN REPORT.
- SUPPLY AND INSTALL DUCT MOUNTED SMOKE DETECTORS AS REQUIRED.
- COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
- ALL GRILLES TO BE TITUS OR METALARE UNLESS OTHERWISE NOTED. SIZES AS SHOWN ON PLANS, ALUMINUM CONSTRUCTION.
- ALL DUCT WORK SHALL BE BUILT AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS AND LOCAL BUILDING CODES.
- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
- ALL OUTSIDE AIR DUCTWORK SHALL BE SHEETMETAL WITH EXTERIOR R-6 INSULATION. PROVIDE BLANKET TYPE INSULATION IN CONCEALED SPACES, AND BOARD TYPE IN EXPOSED AREAS.
- ALL EXHAUST AIR DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
- FLEXIBLE DUCT, WHERE SHOWN, SHALL BE U.L. CLASS 1, R-6 INSULATION.
- LOW PRESSURE SUPPLY AND RETURN RECTANGULAR DUCTWORK IS RIGID DUCTBOARD, 1 IN. THICK, R-4.2 INSULATION.
- PROVIDE ELBOW TURNING VANES IN ALL RECTANGULAR DUCTS WHERE TURNS ARE GREATER THAN 45 DEGREES.
- PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST FANS.
- VERIFY ALL THERMOSTAT LOCATIONS WITH THE LANDLORD.
- CONDENSATE DRAIN PIPING SHALL BE ABOVE GRADE COPPER DRAIN, WASTE AND VENT FININGS. INSULATE ALL CONDENSATE PIPING W/3/4" INCOA IMCOOLOCK PIPE INSULATION.

**GENERAL DEMOLITION NOTES**

- UNLESS OTHERWISE NOTED, ALL EQUIPMENT AND DUCTWORK IN THE PROJECT AREA WHICH IS NOT INDICATED TO REMAIN, IS TO BE REMOVED. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
- EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
- DEMOLITION WORK IS NOT SPECIFICALLY IDENTIFIED ON THESE PLANS, AND MAY BE DESCRIBED ON THE ARCHITECT'S PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
- ALL MECHANICAL SYSTEMS SERVING OTHER SPACES OR FLOORS, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN ACTIVE DURING CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES.
- ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
- PROPERLY REMOVE AND DISPOSE OF ALL HVAC DUCTWORK AND AIR DISTRIBUTION DEVICES WHICH ARE TO BE REMOVED. CONSULT WITH OWNER AND OBTAIN THE OWNER'S APPROVAL PRIOR TO DISPOSAL OF REMOVED MATERIAL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL PIPING AND DUCTS, NEW OR EXISTING, WITHIN THE PROJECT AREA, ARE PROPERLY SUPPORTED.
- ALL OCCUPIED SPACES ARE TO REMAIN OPERATIONAL DURING BUSINESS HOURS THROUGHOUT THE DEMOLITION AND CONSTRUCTION PERIOD. COORDINATE ALL WORK AS DESCRIBED IN THE ARCHITECT'S DOCUMENTS.

**SPLIT SYSTEM SCHEDULE**

WALL MOUNTED AIR HANDLING UNIT										AIR COOLED CONDENSING UNIT										SYSTEM DATA				
MARK AND NO.	MODEL	MANUF.	SUPPLY CFM	O/A CFM	FAN HP	DMK (IN)	ELECTRICAL	REFRIG. CAP.	MARK NO.	MODEL	DMK (IN)	COMPRESSOR	FAN	ELECTRICAL	WT	MCA	FUSE	CAPACITY	SEER					
1	PACB0806	CARRIER	1800	0	6.8	1/4	208V/1/60	208V/1/60	207	1	244W/748	3023X325	1	4.0	21.2	1	1.3	208V/1/60	306	27.8	40	46.8	34.5	17.0

**SPLIT SYSTEM NOTES:**

- OUTSIDE AIR DESIGN CONDITIONS: 57°F DB, 78°F WB, ENTERING DRY BULB TEMPERATURE 57°F DB, 78°F WB.
- PROVIDE CARRIER INFINITY 2-STAGE CONTROLLER
- SIZE AND RUN REFRIGERANT PIPING PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS
- MANUFACTURER'S RECOMMENDATIONS PER ISOLATION
- INSULATE REFRIGERANT SUCTION LINE WITH 3/4" FREE REFRIGERANT ARMATEX.
- INSULATE CONDENSING COILS WITH 1" FREE REFRIGERANT ARMATEX.
- PROVIDE BUILT-IN DISCONNECTS WHERE AVAILABLE
- PROVIDE MANUFACTURERS STANDARD FILTER RACK UPSTREAM OF R/A OPENING FOR EASY FILTER REPLACEMENT. COMPRESSORS FOR LOW AMBIENT OPERATION, INCLUDING BALL BEARING FAN MOTOR COMPRESSOR START ASSIST CAPTOR AND RELAY, OR MAKE SURE HEATER, EVAPORATOR FREEZE THERMOSTAT, HARD SHUT-OFF TV, MOTOR MASTER CONTROL AND WINTER START CONTROL.

**AIR DISTRIBUTION SCHEDULE**

MARK	MAKE	MODEL	SIZE	NECK	MATERIAL	BORDER TYPE	MOUNTING TYPE	DAMPER	THROW	FINISH	REMARKS
A	TTUS	TDC-4A	6X6	6"	ALUMINUM	3	LAY-IN	AG-100	4 WAY	WHITE	SEE NOTES
A1	TTUS	TDC-4A	6X6	6"	ALUMINUM	1	SURFACE	AG-100	4 WAY	WHITE	SEE NOTES
B	TTUS	TDC-4A	9X9	8"	ALUMINUM	3	LAY-IN	AG-100	4 WAY	WHITE	SEE NOTES
C	TTUS	TDC-4A	12X12	10"	ALUMINUM	3	LAY-IN	AG-100	4 WAY	WHITE	SEE NOTES
RA	TTUS	350FL	-	22X22	ALUMINUM	3	LAY-IN	AG-15	-	WHITE	SEE NOTES

PROVIDE VOLUME DAMPERS INTEGRAL TO GRILLES AND DIFFUSERS WHERE LOCATED ABOVE INACCESSIBLE CEILINGS, OR AS SPECIFICALLY INDICATED. PROVIDE DAMPERS WITH FINISH TO MATCH THE SURROUNDING AREA. PROVIDE ROUND FLEXIBLE DUCT RUN-OUT SIZED TO MATCH 5/4" DIFFUSER NECK UNLESS NOTED OTHERWISE. PROVIDE PLENUM BOX ABOVE SUPPLY AND RETURN AIR GRILLES AS REQUIRED FOR DUCT CONNECTIONS. MINIMUM HEIGHT 1/2" OF NECK WIDTH.

**VAV TERMINAL BOX SCHEDULE**

MARK	MANUFACTURER	MODEL	SIZE	INLET	CFM MAX	CFM MIN	FAN CFM	HEATING FAN HP	KW	STEP	VOLT-PH-HZ
PU-1-4	CARRIER	45M	5	14"	1825	500	900	1/2	5	1	277-1-60
PU-1-5	CARRIER	45M	5	14"	1950	500	900	1/2	5	1	277-1-60
PU-1-6	CARRIER	45M	3	8"	750	350	300	1/0	3	1	277-1-60
PU-1-8	CARRIER	45M	6	14"	1500	600	900	1/2	5	1	277-1-60
PU-1-9	CARRIER	45M	6	14"	975	300	900	1/2	5	1	277-1-60
PU-1-10	CARRIER	45M	3	10"	1300	500	300	1/4	4	1	277-1-60
PU-1-11	CARRIER	45M	5	14"	1425	400	900	1/2	5	1	277-1-60
PU-1-99	CARRIER	45M	4	10"	1200	300	300	1/4	5	1	277-1-60
VAV-1-4	CARRIER	35E	-	12"	1250	500	-	-	-	-	277-1-60
VAV-1-5	CARRIER	35E	-	10"	1300	500	-	-	-	-	277-1-60
VAV-1-6	CARRIER	35E	-	9"	800	300	-	-	-	-	277-1-60
VAV-1-7	CARRIER	35E	-	12"	1775	600	-	-	-	-	277-1-60

SCHEDULE NOTES  
 ALL UNITS ARE EXISTING TO REMAIN, RE-BALANCE SYSTEM AS INDICATED.

PROJECT # 11-028

Gilman & Associates, Inc.  
 MECHANICAL & ELECTRICAL ENGINEERS  
 129 N. FEDERAL HIGHWAY SUITE 202  
 Lake Worth, FL 33460 C.A.\*009078  
 (561) 582-0210 Fax (561) 582-8212  
 RONALD D. GILMAN P.E. \*37933

**PAYCHEX**

1450 CENTREPARK DR #150  
 WEST PALM BEACH, FL

PROJECT NUMBER 14511

**REVISIONS**

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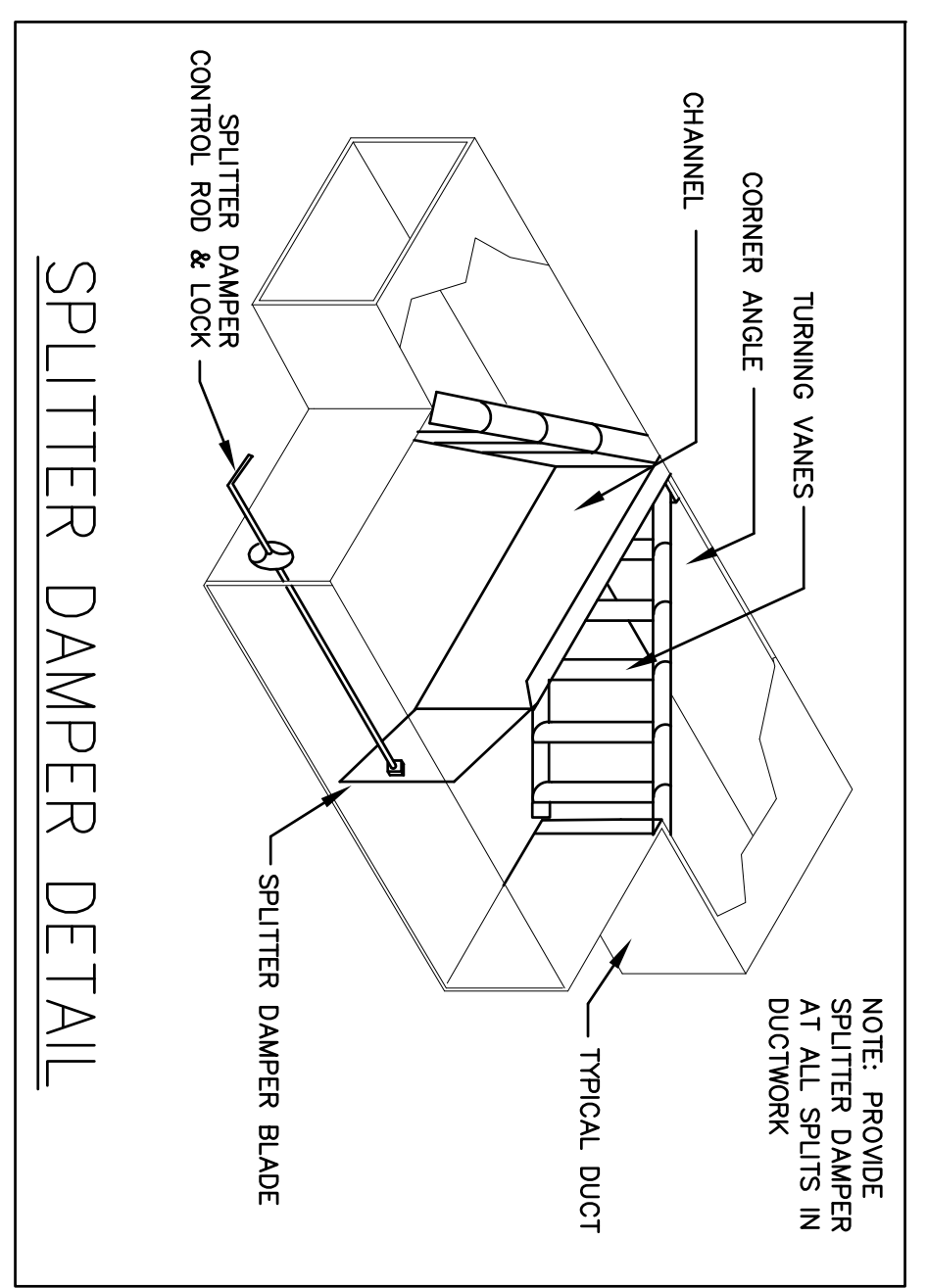
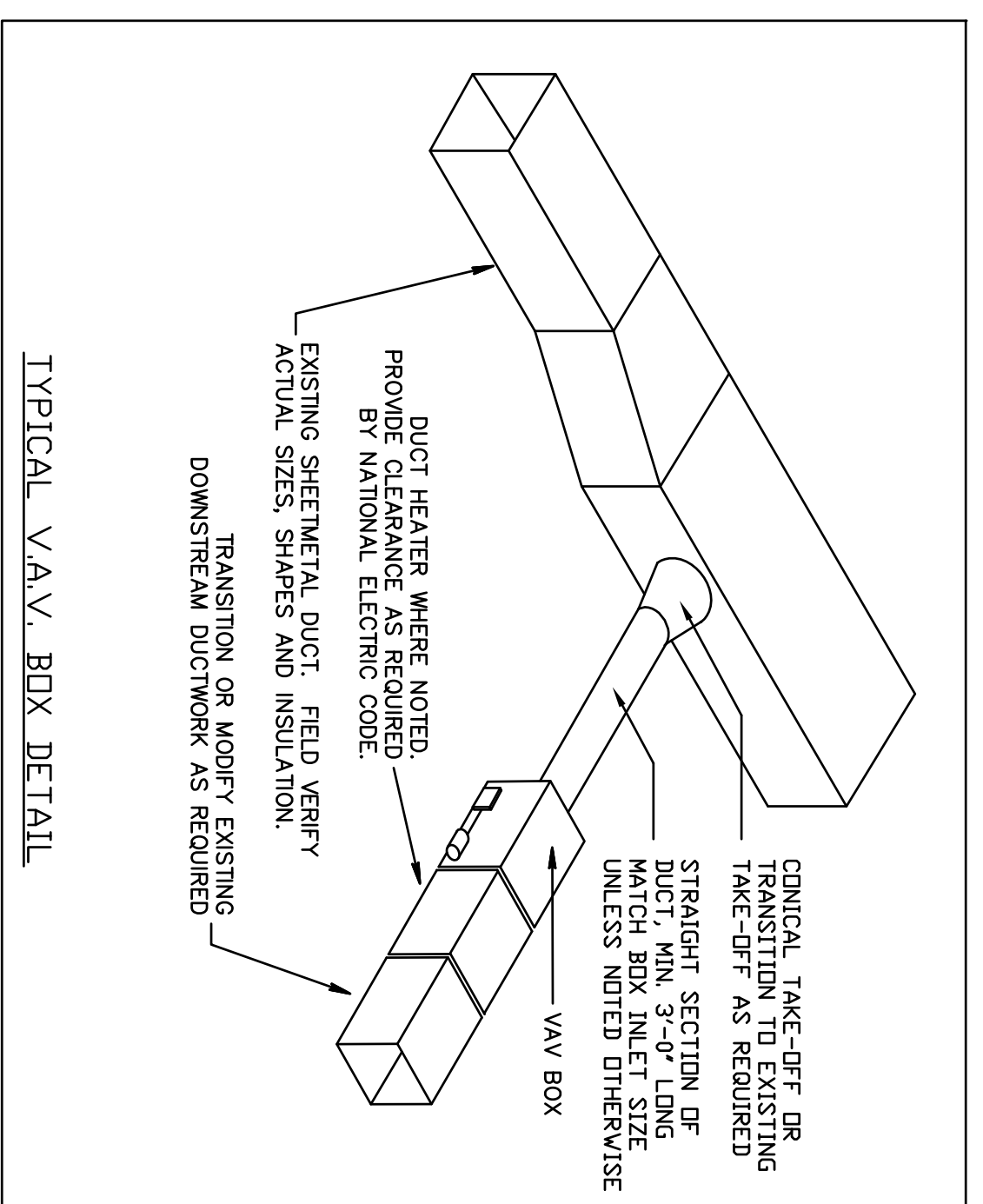
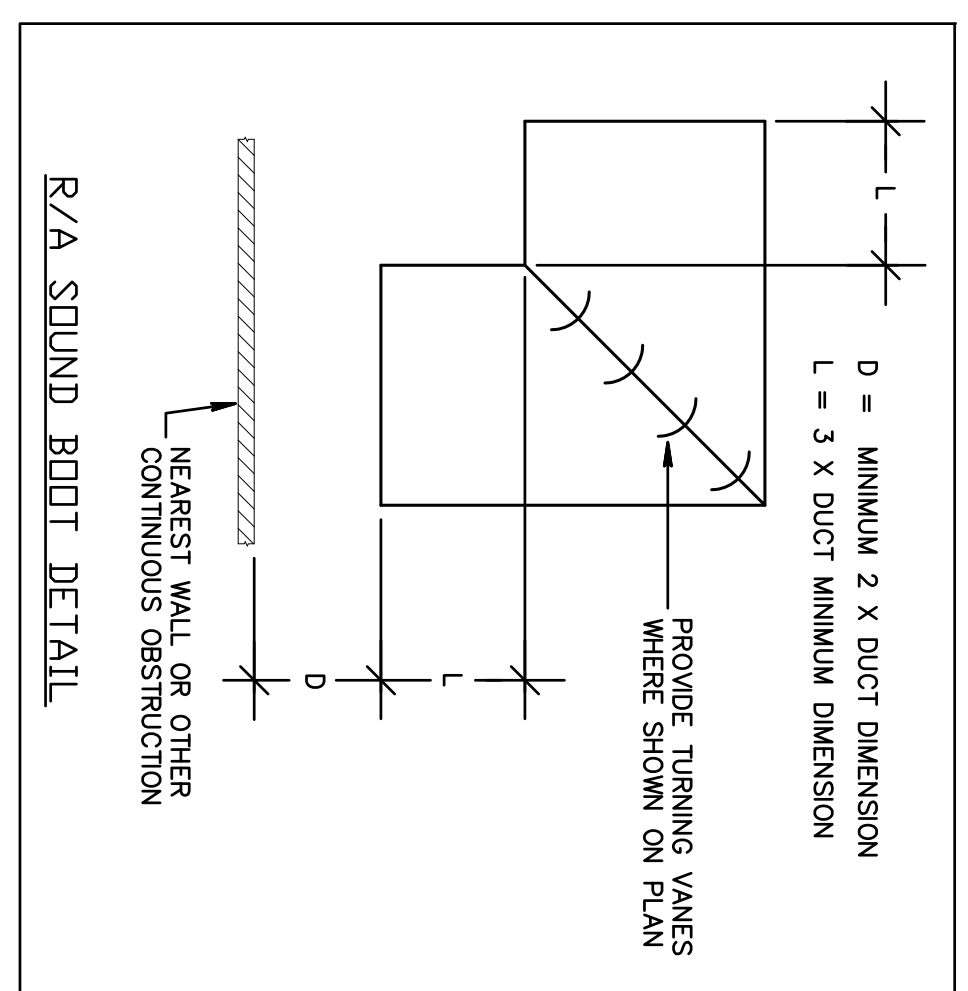
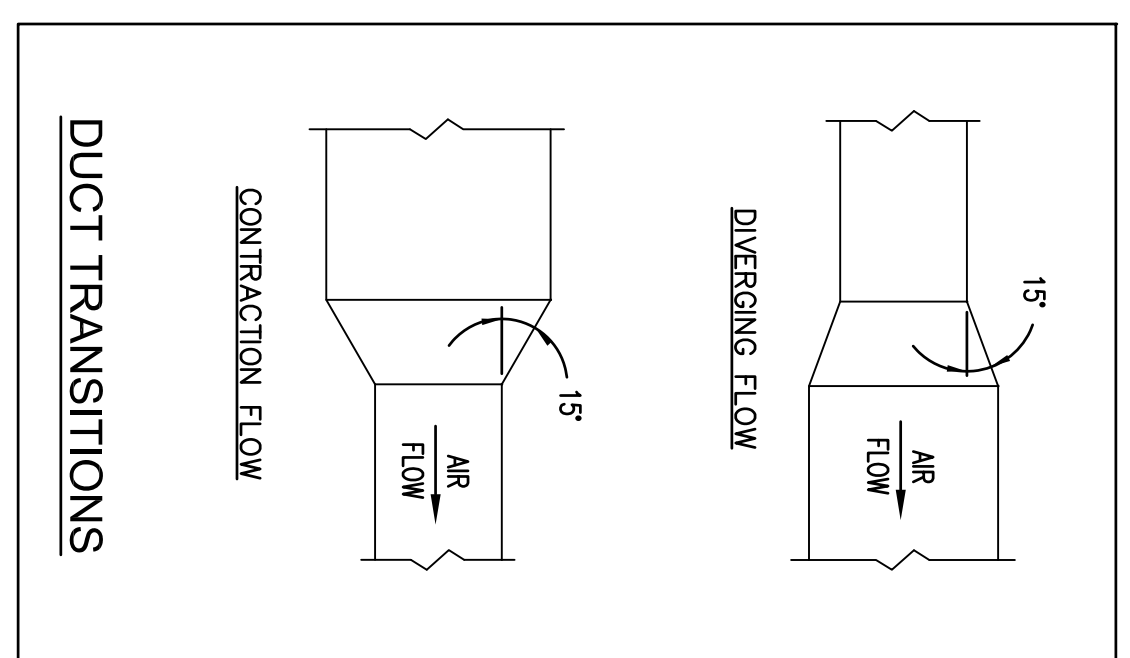
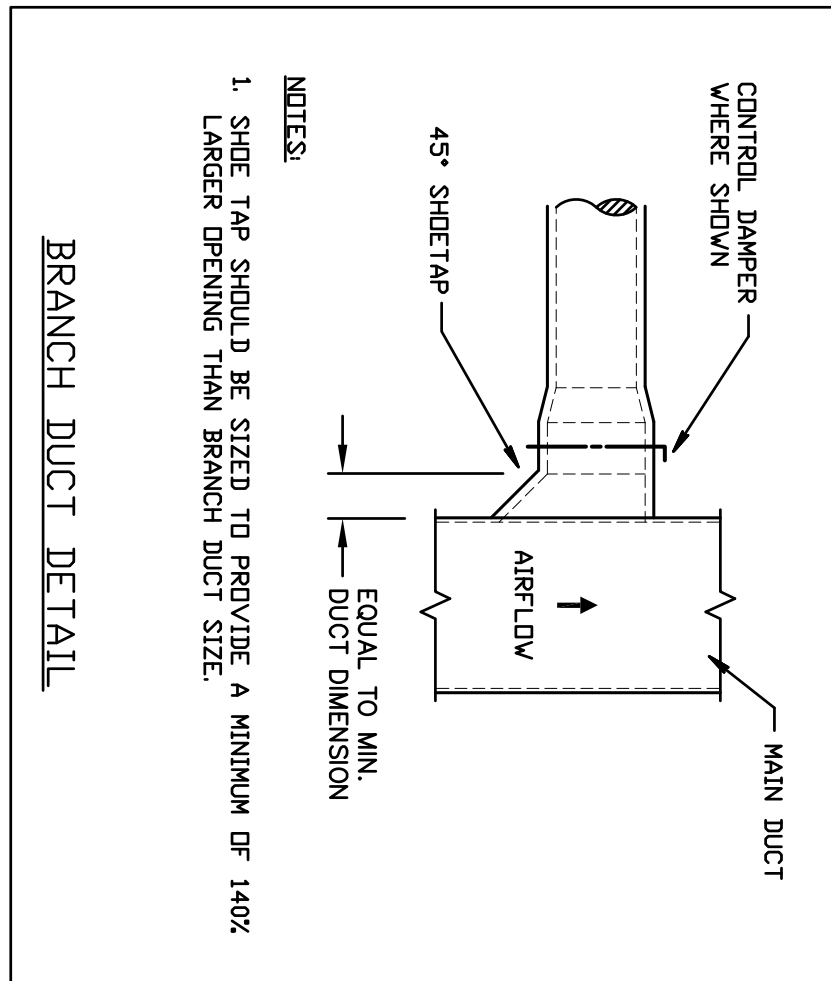
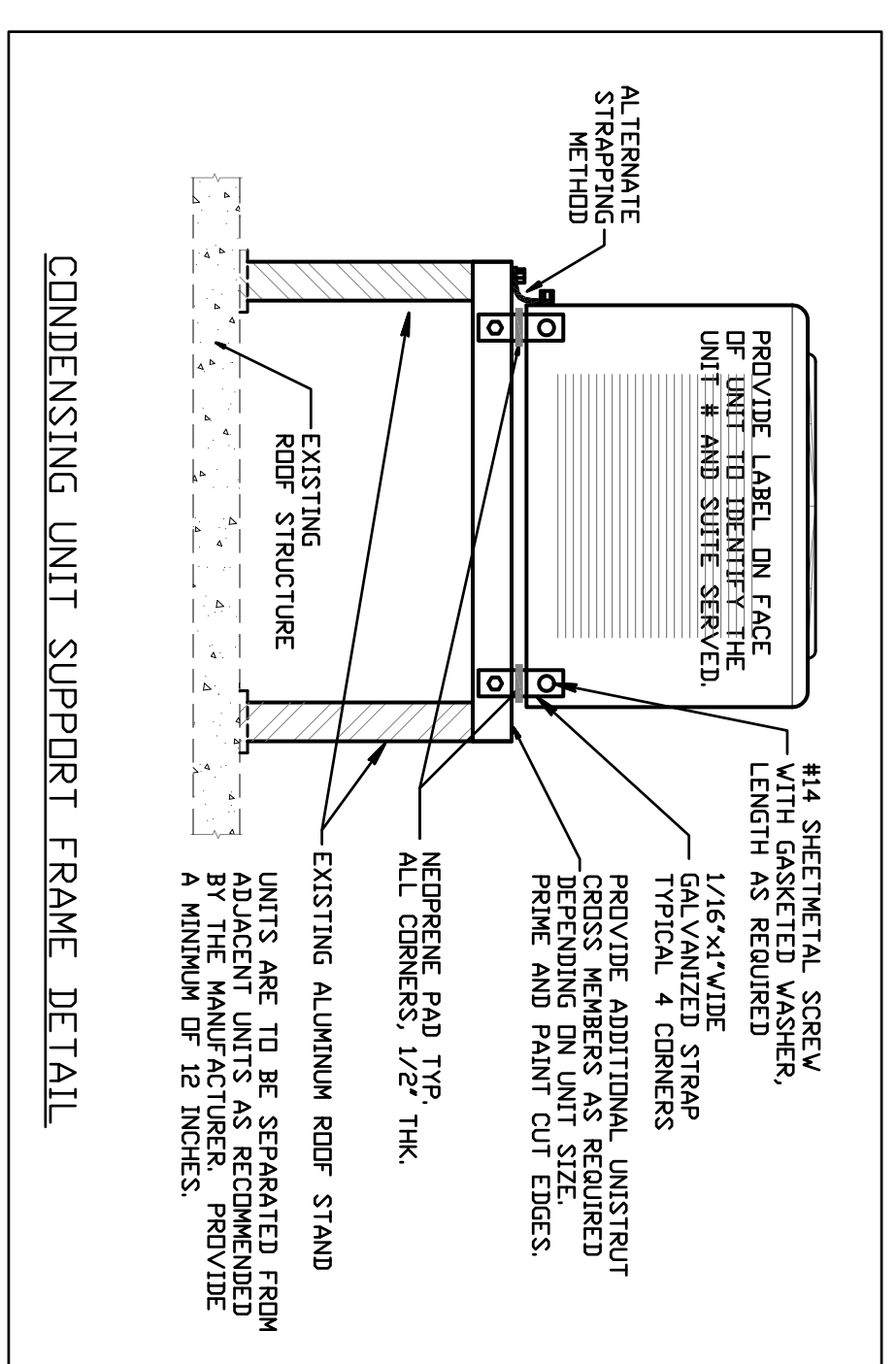
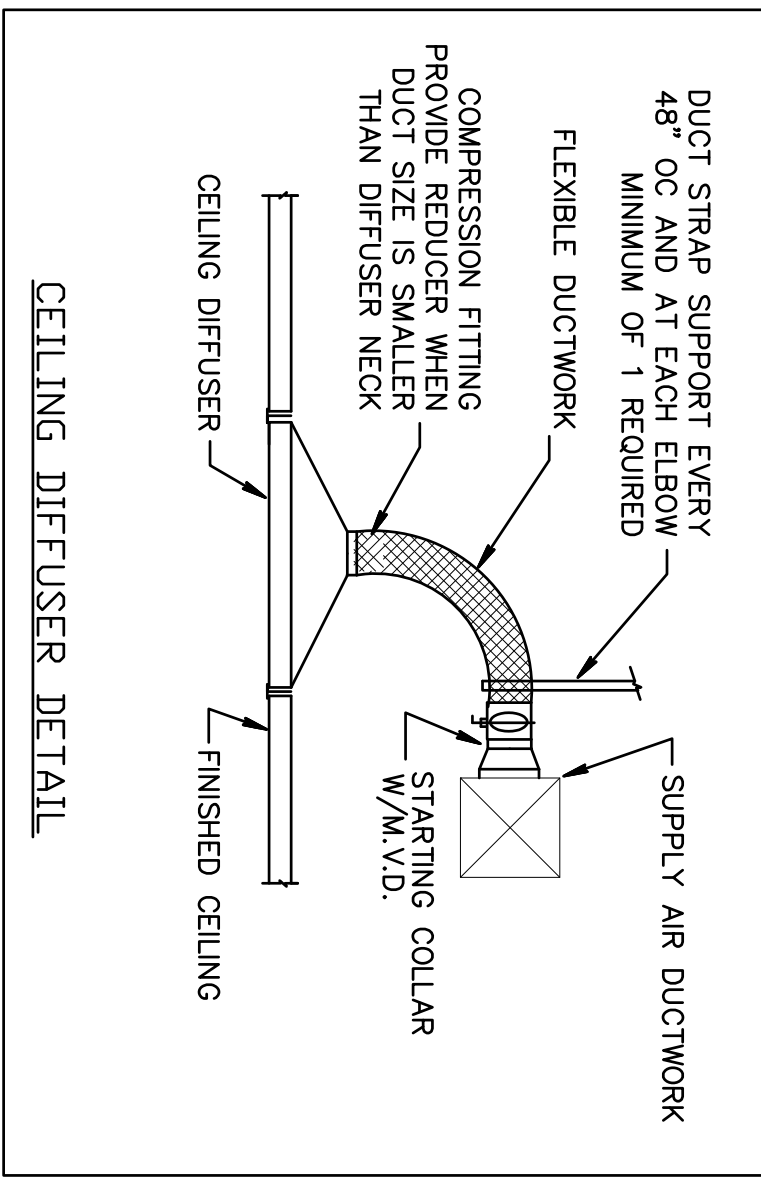
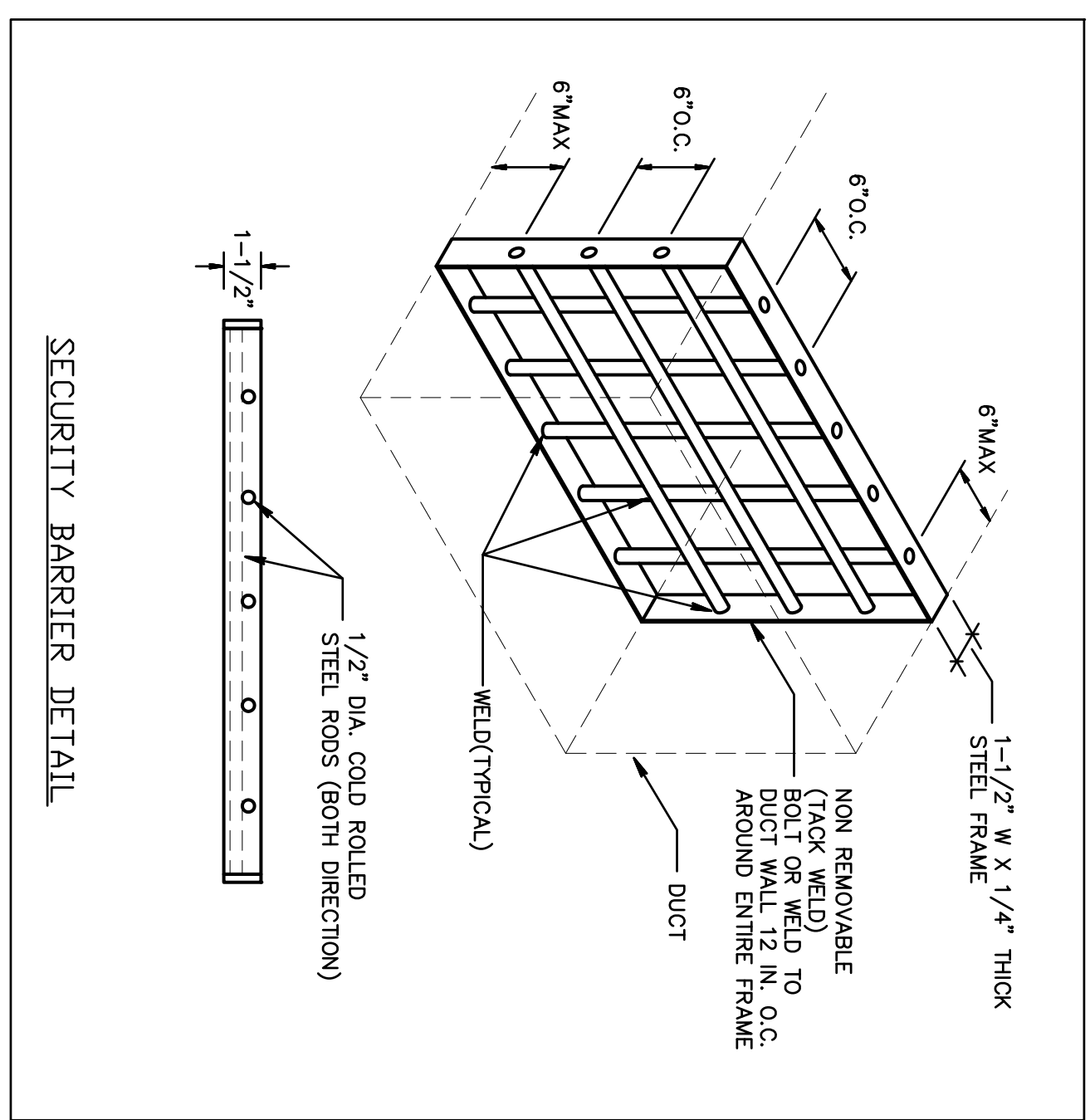
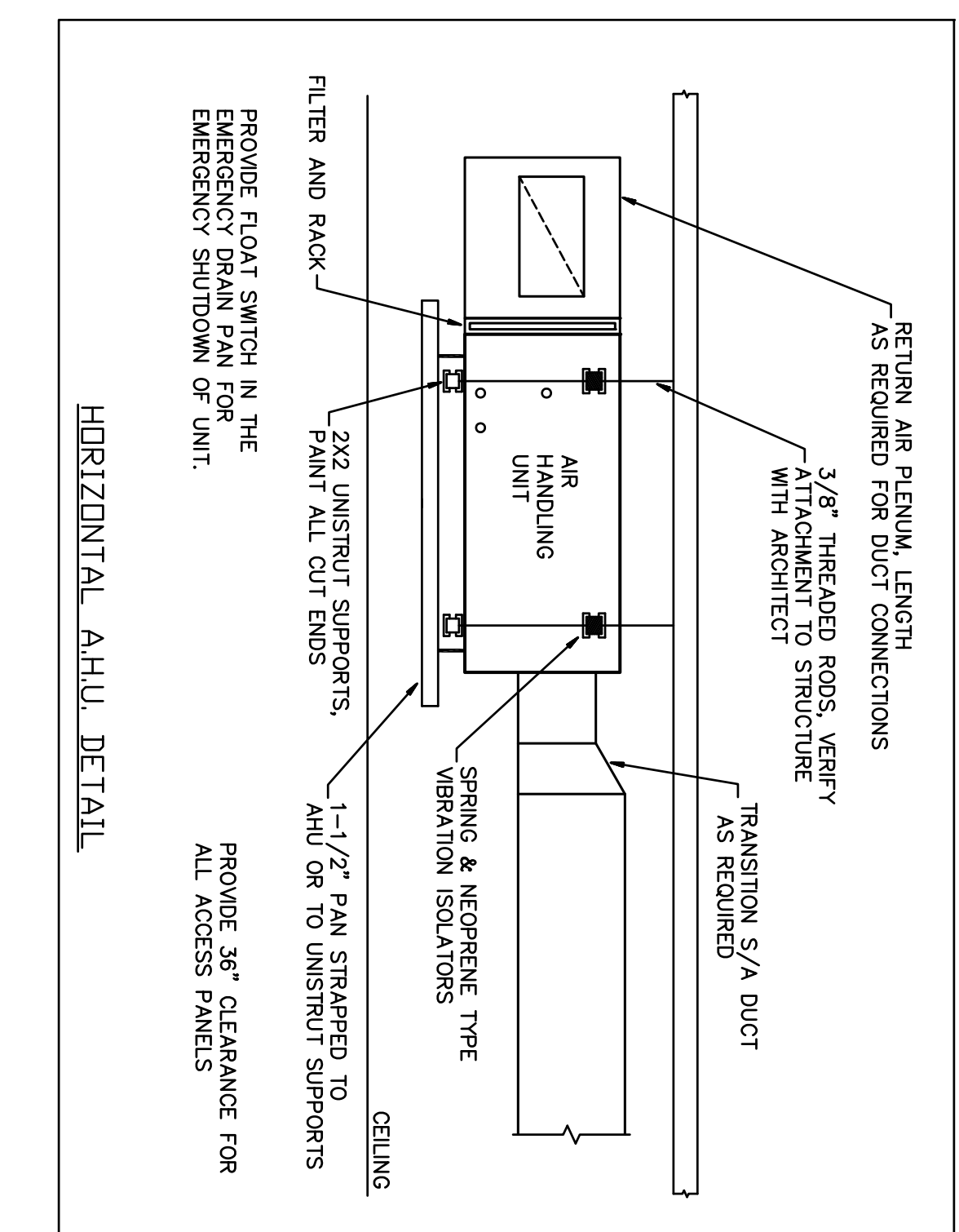
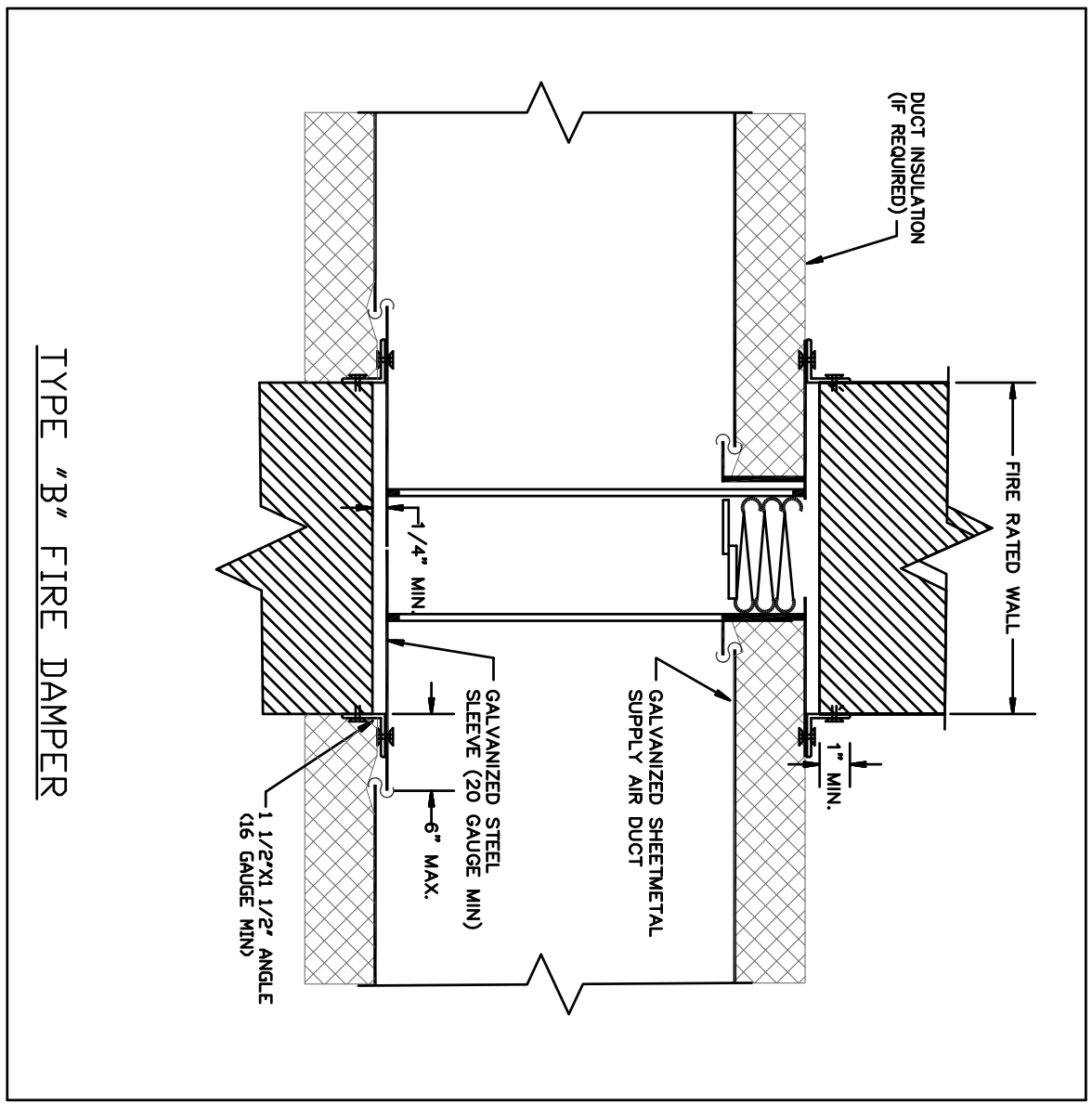
M-3

birse design inc.

1511 prosperity farms road  
 suite #100  
 lake park fl 33403  
 phone 561-249-4001  
 fax 772-409-8684  
 AA26001615

BD





NOTES:  
 1. SPLITTER DAMPER SHOULD BE SIZED TO PROVIDE A MINIMUM OF 140% LARGER OPENING THAN BRANCH DUCT SIZE.

NO SCALE  
 HVAC DETAILS

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 Lake Worth, FL 33460 C.A.#009078  
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 RONALD D. GILMAN P.E. \*37933

PROJ# 11-028

NO.	REVISIONS
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**PAYCHEX**  
 1450 CENTREPARK DR #150  
 WEST PALM BEACH, FL  
 PROJECT NUMBER 14511

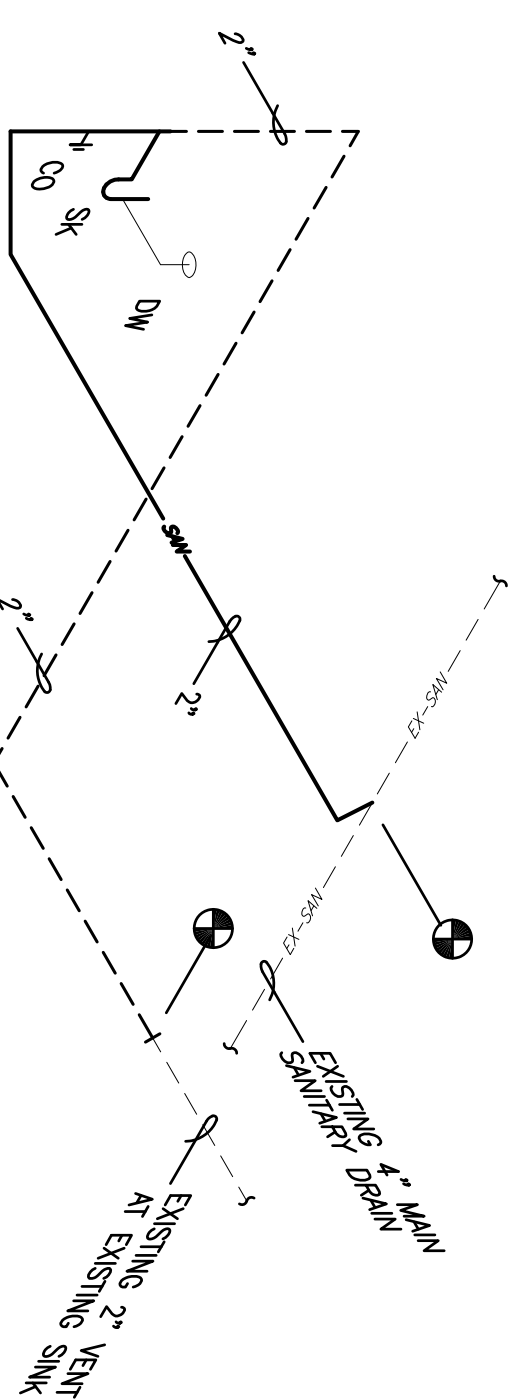
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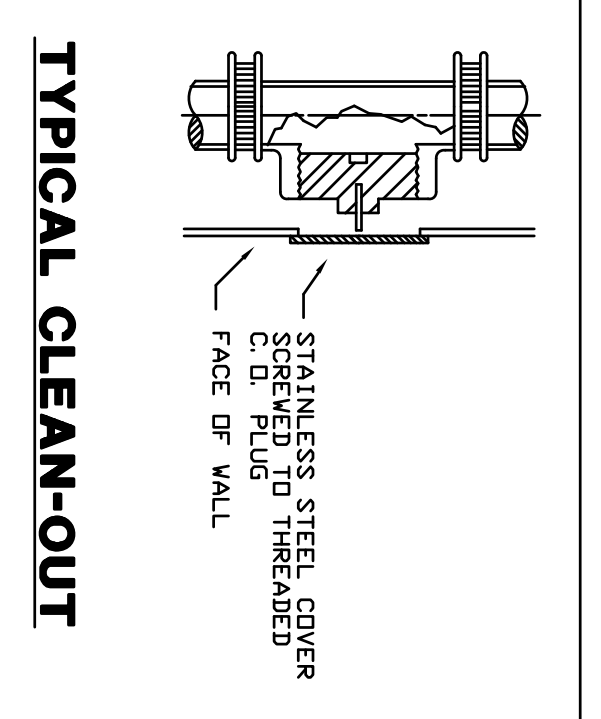
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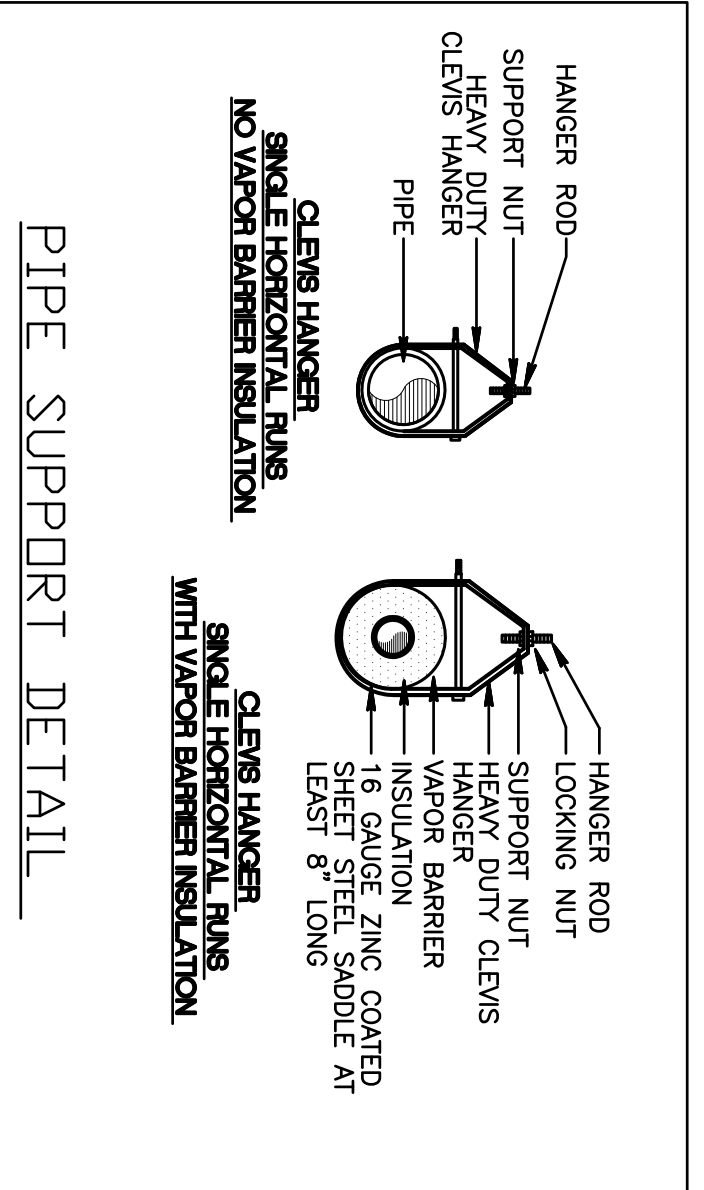




**SANITARY ISOMETRIC**



**TYPICAL CLEAN-OUT**



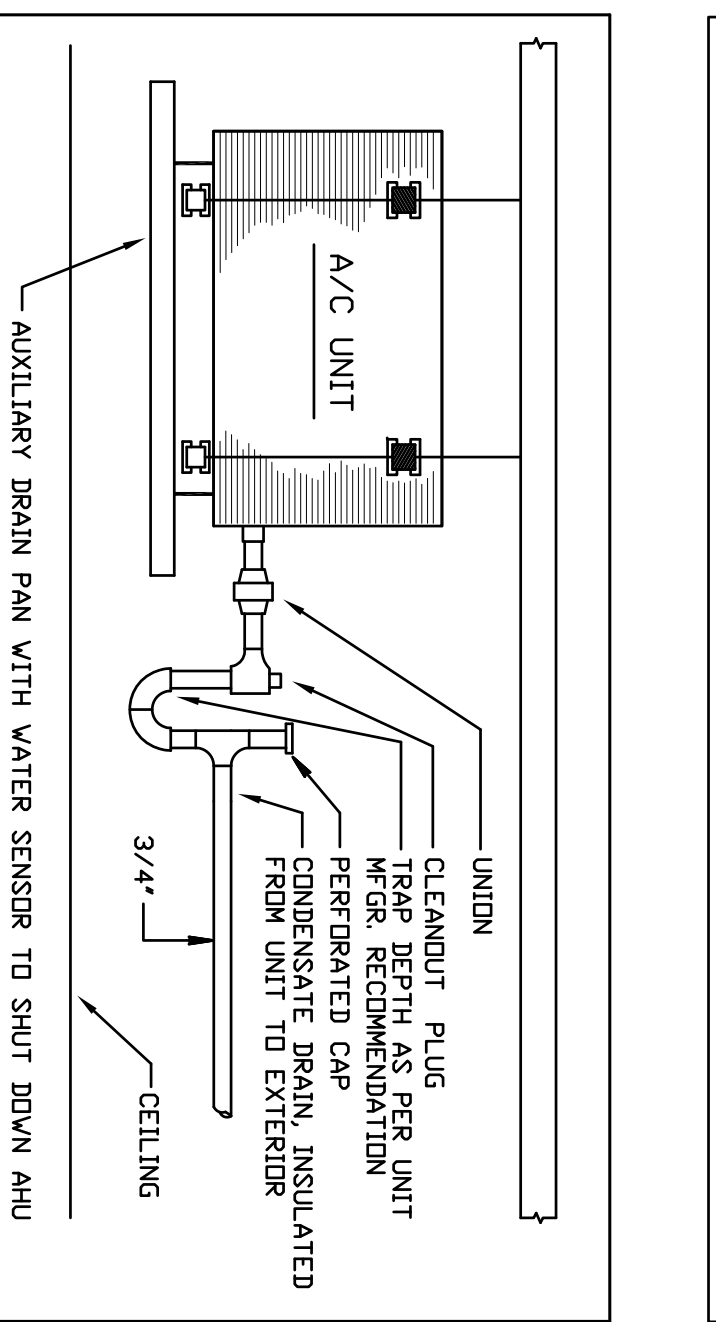
**PIPE SUPPORT DETAIL**

- PLUMBING GENERAL NOTES:**
1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN STRICT ACCORDANCE WITH ALL CITY ORDINANCES AND LOCAL ORDINANCES.
  2. CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
  3. ALL MATERIAL SHALL BE NEW.
  4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE.
  5. TO COMBUSTIBLE MATERIAL TO BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES, THE HANGER RODS SHALL BE PROTECTED BY AN APPROVED SYSTEM AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTION & TESTS. DRAWINGS ARE DIAGRAMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
  6. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
  7. VERIFY LOCATION, SIZE, AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
  8. SOIL, WASTE, VENT AND STORM DRAIN PIPING SHALL BE CAST IRON NO HUB UNLESS OTHERWISE NOTED.
  9. INSULATE PER A.D.A. ALL EXPOSED HANDICAP LAVATORIES, DRAIN PIPING AND HOT & COLD STOP AND SUPPLIES. COVERS SHALL BE SOFT, REMOVABLE AND UPC APPROVED. MANUFACTURE: PLUMBEREX HANDY-SHIELD, TRU-BRO OR PRO-SERIES.
  10. ALL FIXTURES MUST BE PROVIDED WITH READY ACCESSIBLE STOPS & APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
  11. PROVIDE CHROME PLATED COMBINATION COVER PLATE & CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS ZURN ZS-1469 SERIES C.O. OR DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
  12. ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PAD.
  13. ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILING JOBS BETWEEN PIPE & FLOOR/CEILING. APPROVED FIRE/SMOKE/WATER RESISTANT SEALANT SHALL BE USED TO PROTECT ALL PENETRATIONS. ALL PENETRATIONS SHALL BE SUBJECT TO ACCEPTANCE FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF COMPLETION OF THE INSTALLATION WHICH MAY BE COMPLETED OR REPAIRED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
  14. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTERS. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING AS THE WALL IN WHICH THE PANEL IS INSTALLED.
  15. CONDENSATE DRAIN TO BE COMPLETE DRAIN, WASTE & VENT FITTINGS. INSULATE ALL CONDENSATE EXCEPT UNDERGROUND.

**WATER ISOMETRIC**

**PLUMBING FIXTURE SCHEDULE**

NAME	EXCLUDE	MODEL #	ACCESSORIES
SK	SK	SINGLE BOWL - JUST #S-ADA-1921-A-GR 6.5\"/>	
EXCLUDE	WATER PIPE SIZE	NOMINAL S.M. SIZE	MAXIMUM FLOW RATES
SK	1/2"	1 1/2"	2.0 GPM

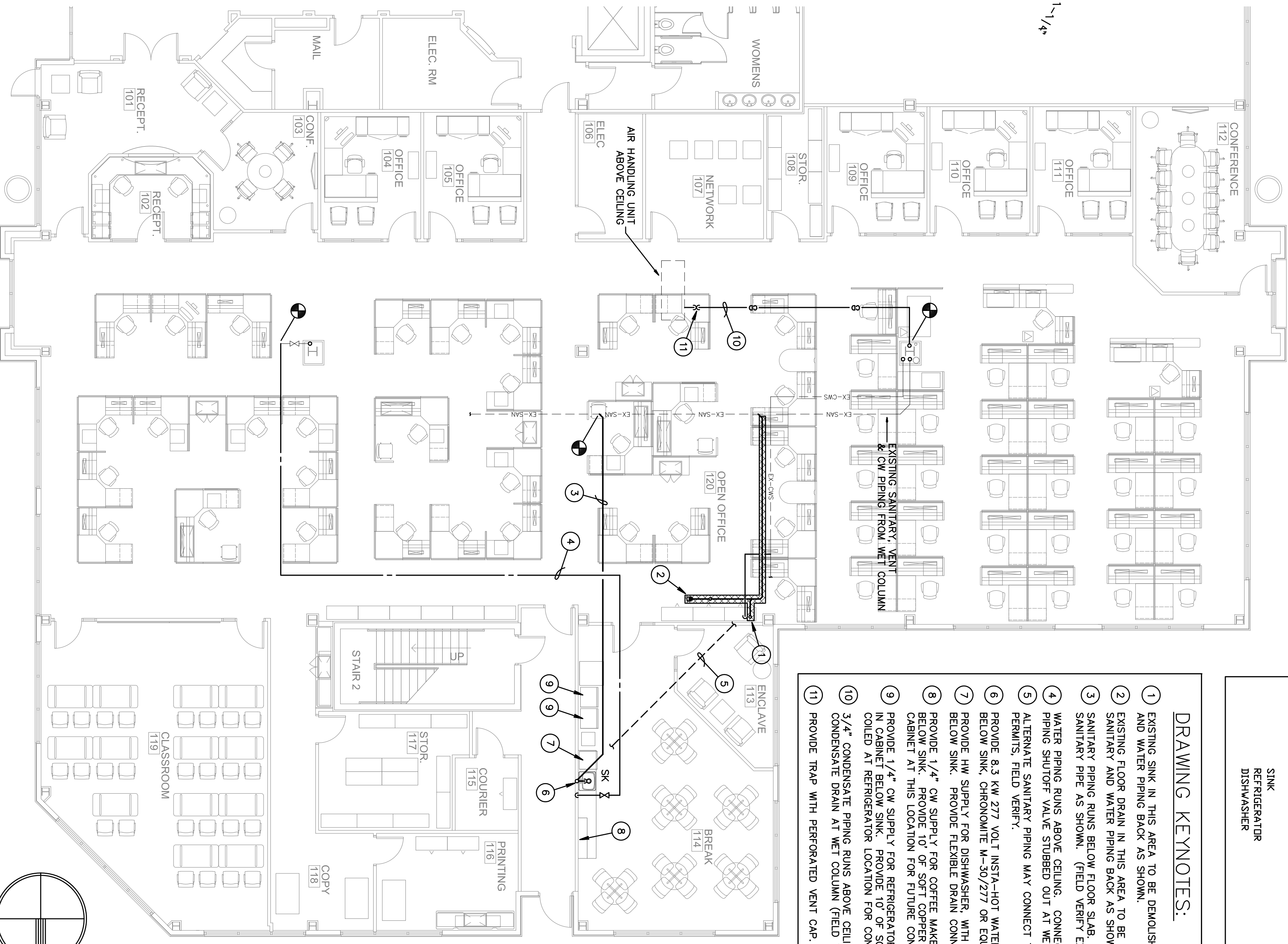


**CONDENSATE TRAP DETAIL**

**SYMBOLS & ABBREVIATIONS**

	CONDENSATE LINE
	HOT WATER PIPE
	COLD WATER PIPE
	GATE VALVE (SHUT-OFF) VALVE
	SANITARY LINE
	VENT LINE
	EXISTING SANITARY LINE
	EXISTING COLD WATER SUPPLY LINE
	WATER HAMMER ARRESTOR
	CONNECTION TO EXISTING SYSTEMS
	UNDERGROUND PIPING TO BE DEMOLISHED
SK	SINK
REF	REFRIGERATOR
DW	DISHWASHER

- DRAWING KEYNOTES:**
1. EXISTING SINK IN THIS AREA TO BE DEMOLISHED. REMOVE SANITARY AND WATER PIPING BACK AS SHOWN.
  2. EXISTING FLOOR DRAIN IN THIS AREA TO BE DEMOLISHED. REMOVE SANITARY AND WATER PIPING BACK AS SHOWN.
  3. SANITARY PIPING RUNS BELOW FLOOR SLAB. CONNECT TO EXISTING SANITARY PIPE AS SHOWN. (FIELD VERIFY EXISTING PIPING)
  4. WATER PIPING RUNS ABOVE CEILING. CONNECT TO EXISTING WATER PIPING SHUTOFF VALVE STUBBED OUT AT WET COLUMN AS SHOWN.
  5. ALTERNATE SANITARY PIPING MAY CONNECT TO EXISTING IF SLOPE PERMITS. FIELD VERIFY.
  6. PROVIDE 8.3 KW 277 VOLT INSTA-HOT WATER HEATER IN CABINET BELOW SINK. ORION/OMTE M-30/277 OR EQUAL.
  7. PROVIDE HW SUPPLY FOR DISHWASHER WITH SOV IN CABINET BELOW SINK. PROVIDE FLEXIBLE DRAIN CONNECTION TO SINK DRAIN.
  8. PROVIDE 1/4\"/>
  9. PROVIDE 1/4\"/>
  10. 3/4\"/>
  11. PROVIDE TRAP WITH PERFORATED VENT CAP.



**PLUMBING PARTIAL FLOOR PLAN**

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

**REVISIONS**

NO.	DATE	REVISION
5		REVISION 5
4		REVISION 4
3		REVISION 3
2		REVISION 2
1		REVISION 1

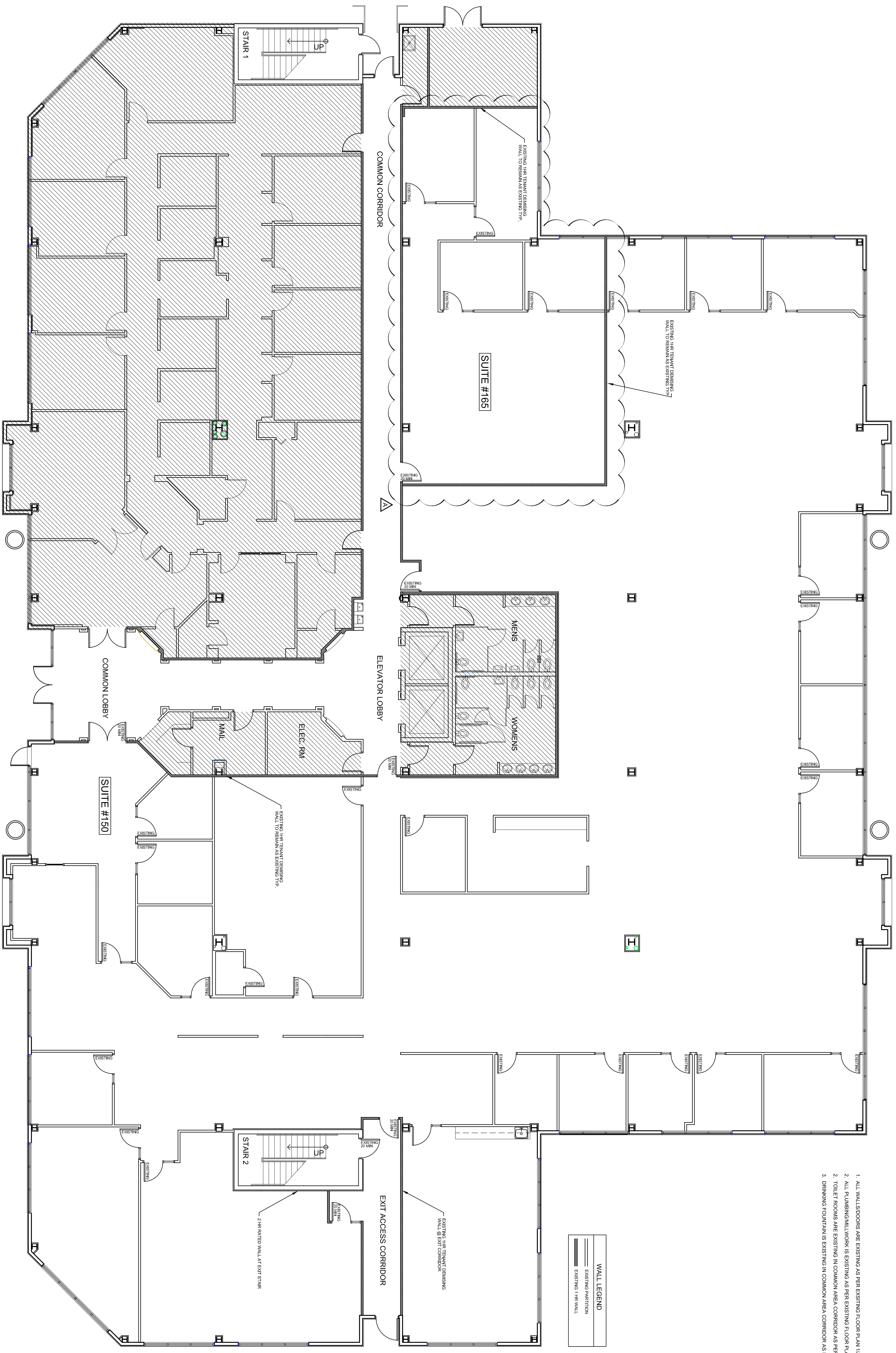
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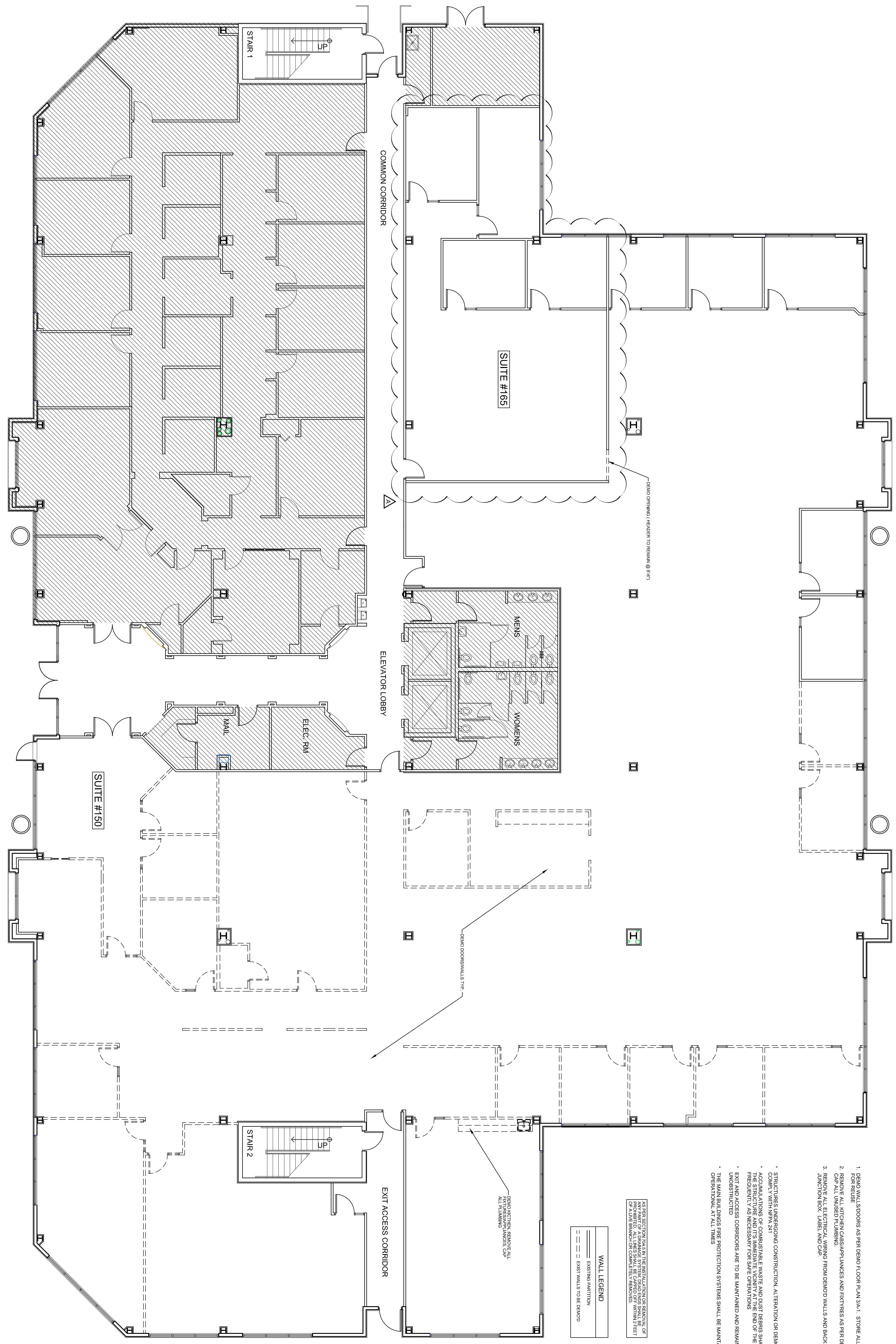
1. ALL WALLS/DOORS ARE EXISTING AS PER EXISTING FLOOR PLAN 1/A-1
2. ALL PLUMBING/DRAIN/WORK IS EXISTING AS PER EXISTING FLOOR PLAN 1/A-1
2. TOILET ROOMS ARE EXISTING IN COMMON AREA CORRIDOR AS PER FLOOR PLAN 1/A-1
3. DRINKING FOUNTAINS IS EXISTING IN COMMON AREA CORRIDOR AS PER FLOOR PLAN 1/A-1

**WALL LEGEND**

	EXISTING PARTITION
	EXISTING 1/2" WALL







1. DEMO WALL SPOORS AS PER DEMO FLOOR PLAN 3/A.1. STORE ALL DOORS/HARDWARE FOR REUSE.
2. REMOVE ALL KITCHEN CABS/APPLIANCES AND FIXTURES AS PER DEMO PLANS 1/A.3. CAP ALL UNUSED PLUMBING.
3. REMOVE ALL ELECTRICAL WIRING FROM DEMO WALLS AND BACK TO THE FIRST JUNCTION BOX, LABEL, AND CAP.

- STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL COMPLY WITH NFPA 241.
- ACCUMULATIONS OF COMBUSTIBLE WASTE AND DUST DEBRIS SHALL BE REMOVED FROM ALL AREAS OF A WORKING SYSTEM. DUST DEBRIS SHALL BE REMOVED FROM ALL AREAS OF A WORKING SYSTEM. DUST DEBRIS SHALL BE REMOVED FROM ALL AREAS OF A WORKING SYSTEM. DUST DEBRIS SHALL BE REMOVED FROM ALL AREAS OF A WORKING SYSTEM.
- EXIT AND ACCESS CORRIDORS ARE TO BE MAINTAINED AND REMAIN CLEAR AND UNOBSTRUCTED.
- THE MAIN BUILDING FIRE PROTECTION SYSTEMS SHALL BE MAINTAINED AND OPERATIONAL AT ALL TIMES.

PROFESSIONAL SEAL FOR THE REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT. ANY PART OF A WORKING SYSTEM SHALL BE REMOVED FROM ALL AREAS OF A WORKING SYSTEM. DUST DEBRIS SHALL BE REMOVED FROM ALL AREAS OF A WORKING SYSTEM. DUST DEBRIS SHALL BE REMOVED FROM ALL AREAS OF A WORKING SYSTEM.

**WALL LEGEND**

	EXISTING PARTITION
	DEMOLITION WALLS TO BE DEMOLISHED

RENO KITCHEN, REMOVE ALL ALL PLUMBING, CAP

RENO DOOR/WALLS TYP.

5300 woodland lakes drive  
palm beach gardens, fl 33418  
phone 561-249-4001  
fax 772-409-8684  
AA26001615

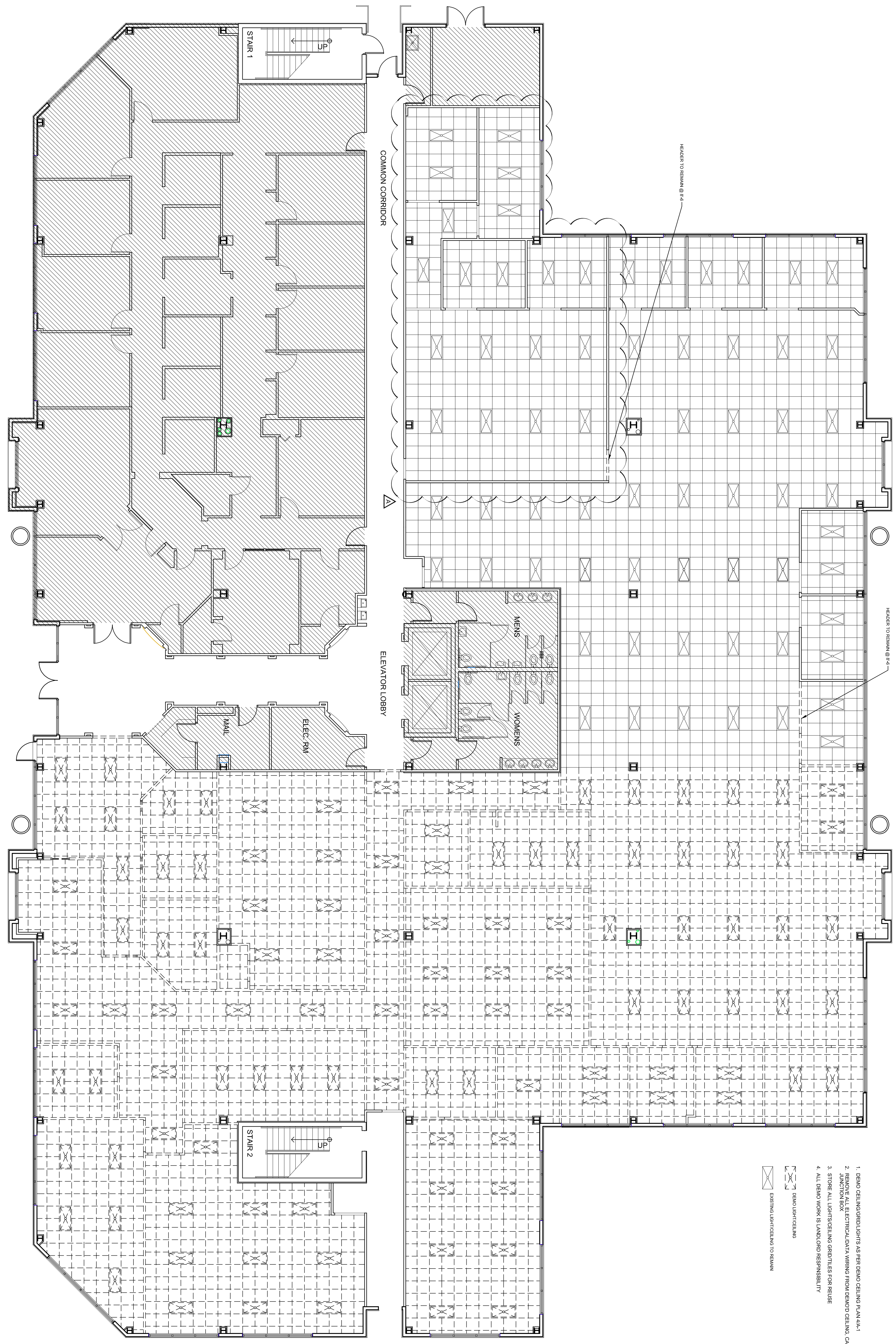
**PAYCHEX**  
1450 CENTRE PARK  
1450 CENTRE PARK DR #150  
WEST PALM BEACH, FL  
PROJECT NUMBER 14511

**REVISIONS**

1	08/16/11 OWNER	
2	08/17/11 TENANT	
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CD  
08/17/11

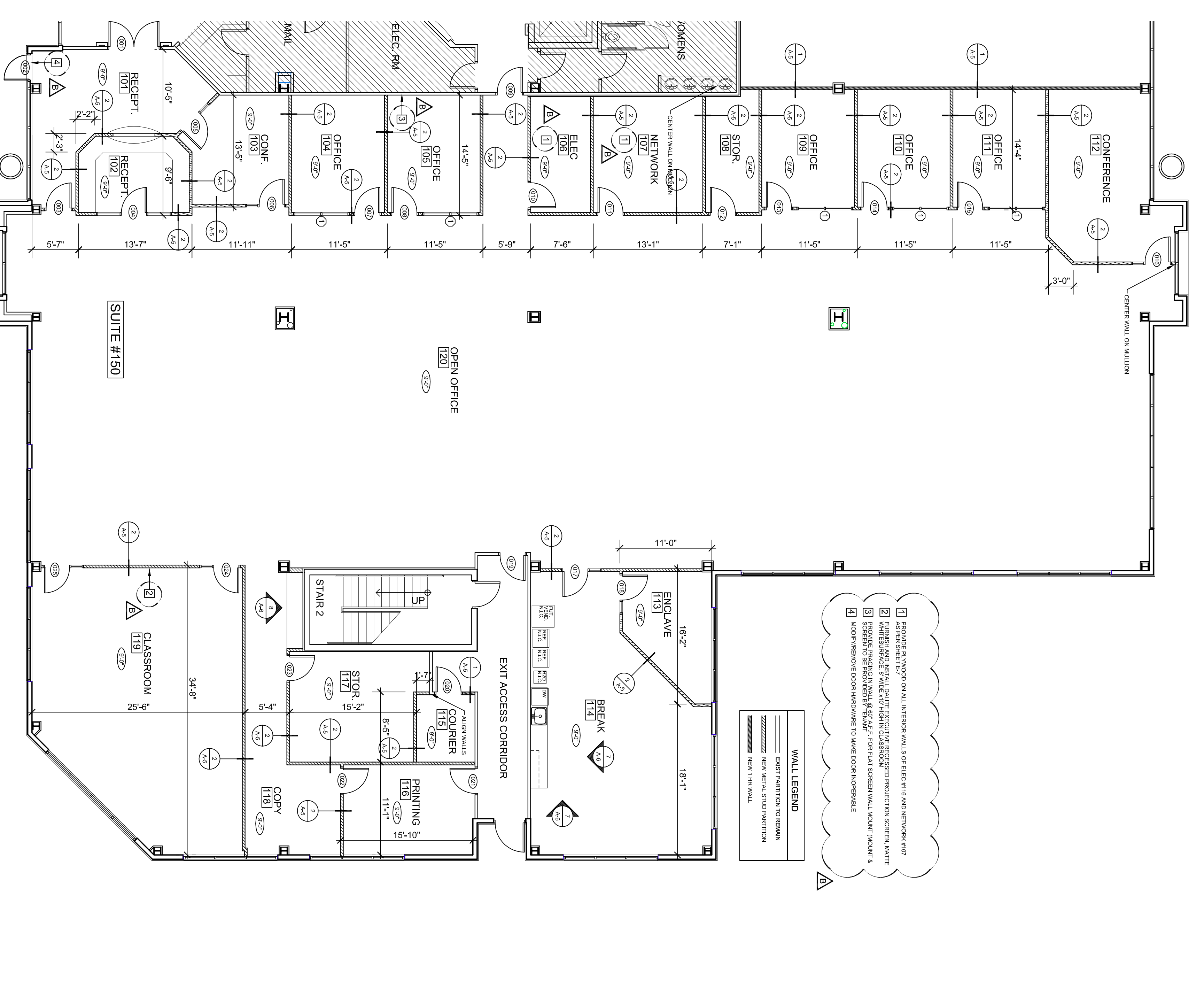




- 1. DEMO CEILING GRID LIGHTS AS PER DEMO CEILING PLAN/A-1
- 2. REMOVE ALL ELECTRICAL AND A WIRING FROM DEMO CEILING. CAP BACK TO FIRST FLOOR FOR REUSE
- 3. STORE ALL LIGHT CEILING GRID TILES FOR REUSE
- 4. ALL DEMO WORK IS LANDLORD RESPONSIBILITY







- 1 REMOVE PLINTH ON ALL INTERIOR WALLS OF ELEC. RMs AND NETWORK Rm
- 2 AS PER SHEET E7
- 3 NEW METAL STUD PARTITION
- 4 NEW 1/2" GYP
- 5 PROVIDE FINISH ON WALLS OF ALL FLOOR PLAT SCREEN WALL ROOM (ROOM 1) & MODERN RESOLVE DOOR HARDWARE TO MAKE DOOR IMPASSIBLE

**WALL LEGEND**

- EXIST PARTITION TO REMAIN
- NEW METAL STUD PARTITION
- NEW 1/2" GYP

**DEMISING PARTITION (LANDLORD RESPONSIBILITY)**

SHALL BE CONSTRUCTED @ 5/8" MIN. STUB @ 1/2" O.C. WITH ONE LAYER OF 5/8" GYPSUM TYPE X WALLBOARD, AND R-11 INSULATION BETWEEN PARTITIONS SHALL EXTEND FROM THE FLOOR SLAB TO THE STRUCTURAL DECK ABOVE. INTERIOR TENANT PARTITIONS (TENANT RESPONSIBILITY)

SHALL BE CONSTRUCTED OF 5/8" METAL STUDS @ 1/2" O.C. WITH ONE LAYER OF 5/8" TYPE X WALLBOARD ON EACH SIDE. DECK. THE FOLLOWING ROOMS TO HAVE R-11 SOUND INSULATION IN PARTITIONS: PRINTING #116, RECEPTION #101 & 102, AND ELECTRICAL #100.

**CEILING (LANDLORD RESPONSIBILITY)**

ALL CEILING TO BE FINISHED WITH 5/8" TYPE X WALLBOARD FROM 4" ABOVE THE ACOUSTICAL CEILING FINISH TO THE FLOOR FACE (FLOOR SMOOTH TO RECEIVE PAINT OR WALL COVERING)

**INTERIOR TENANT DOORS (TENANT RESPONSIBILITY)**

SHALL BE 5/8" x 7' 6" SOLID-CORE HARDWOOD DOOR FINISHED AS PER PAYCHEX SPECIFICATIONS (STAIN SAMPLE TO BE PROVIDED TO APPROVE DOOR SAMPLE PRIOR TO ORDERING)

**DOOR HARDWARE (TENANT RESPONSIBILITY)**

HARDWARE INCLUDING PASSAGE SETS AND LOCK SETS, DOOR CLOSERS AND DOOR PULLS AS SPECIFIED ON ARCHITECTURAL DRAWINGS AND DOOR HARDWARE SHALL BE ADA COMPLIANT AND BEADY TO GO. LEVER HANDLES, COMPRESSION TO VERIFY WITH SECURITY CONTRACTOR THE TYPE OF HARDWARE THE WILL BE USED AT ALL DOORS WITH CARD READERS. SECURITY HANDLES AND ALL LOCKS AND COORDS FOR SPECIFIED HARDWARE. SECURITY ELECTRIC STRIKES SHALL BE INSTALLED. ELECTRIC STRIKES AND CARD READER DEVICES. INTERIOR ELECTRIC STRIKES ARE TO BE VON DUBRON 5100. SUSPENDED ACOUSTICAL CEILING (LANDLORD RESPONSIBILITY)

CEILING TILE ARE REQUIRED OVER ALL 4' x 4' AREAS BY PROVIDING 3/4" x 5/8" CONCRETE PANELS WITH PERMET. EGRES. AND A WHITE FACTORY FINISH. CEILING GRID SHALL BE AN EXPOSURE 9/16" WIDE TRAIL LINE GRID IN A MATCHING WHITE FACTORY FINISH. ALL LIGHTING IS LANDLORD RESPONSIBILITY.

\* ALL FINISHES ARE TENANT RESPONSIBILITY.

**1 (PROPOSED) FLOOR PLAN**

1/8" = 1'-0"



- NEW FLUORESCENT FIXTURE 2x4
- NEW FLUORESCENT FIXTURE 2x2
- NEW FLUORESCENT RECESSED FIXTURE

**WALL LEGEND**

- EXIST PARTITION TO REMAIN
- NEW METAL STUD PARTITION
- NEW 1/2" GYP

**2 (PROPOSED) CEILING PLAN**

1/8" = 1'-0"

**BD**

birse design inc.

5300 woodland lakes drive  
palm beach gardens, fl 33418

phone 561-249-4001  
fax 772-409-8684  
AA26001615

ALEN S BIRSE  
08/27/19

**PAYCHEX**

1450 CENTREPARK  
1450 CENTREPARK DR #150  
WEST PALM BEACH, FL

PROJECT NUMBER 14511

**REVISIONS**

1	08/16/11 OWNER	A
2	08/17/11 TENANT	B
3		
4		
5		

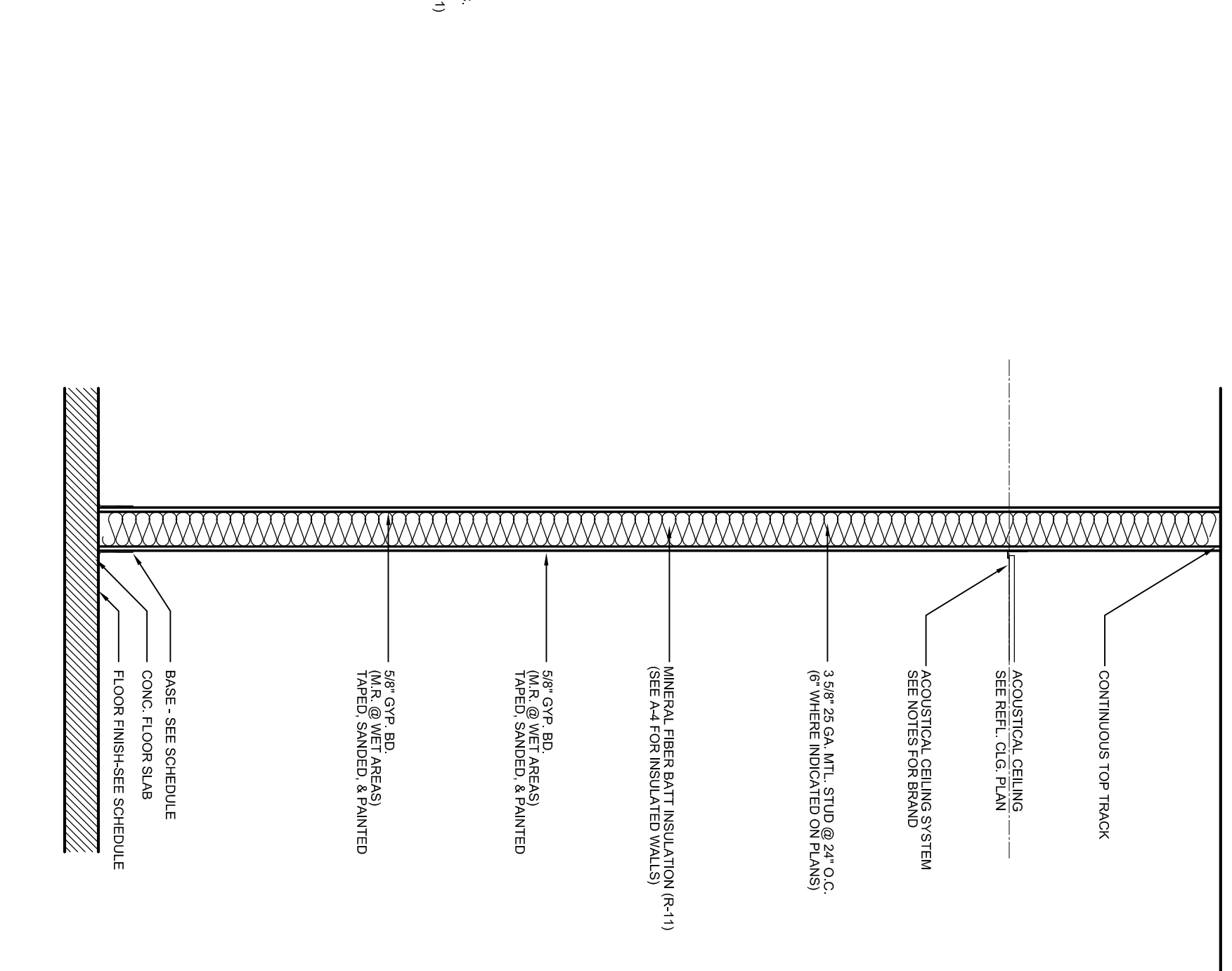
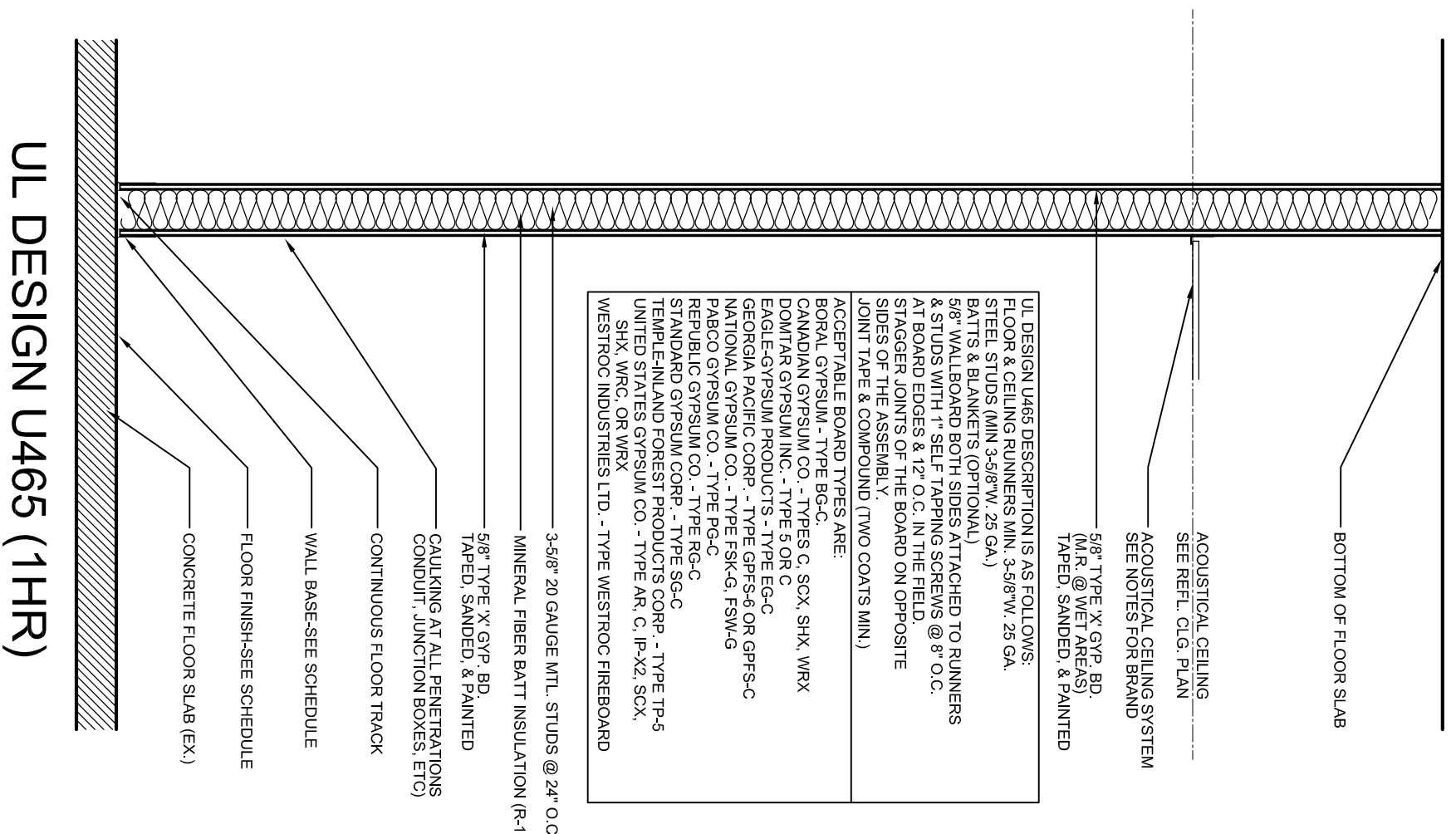
THIS SET OF DRAWINGS IS THE PROPERTY OF BIRSE DESIGN INC. AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

**DRAWN BY ASB**

**CD**

08/17/11

**A-4**



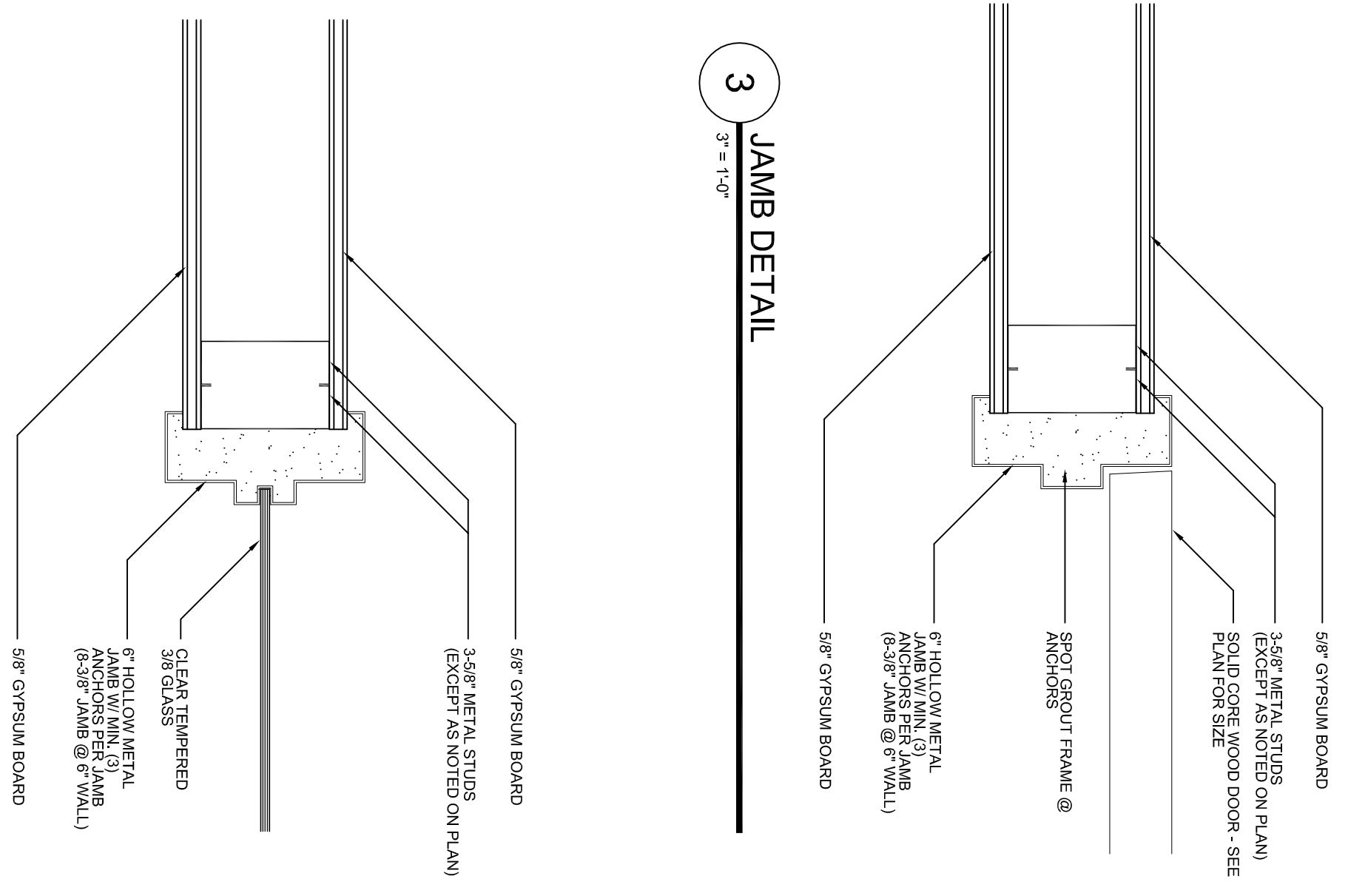
1 WALL TYPE (INT. PARTITION)  
3'-4" = 1'-0"

2 WALL TYPE (INT. PARTITION)  
3'-4" = 1'-0"

DOOR MARK	LOCATION	DOOR MATERIAL	SIZE	DOOR VIEW	SEE	FIELD	CONV.	CONV.	FLOOR	FRAME	HARDWARE	REMARKS
001	MAIN ENTRANCE	EXISTING	6'-0" X 8'-0"							NH		
002	ADJ. LAB. ENTR.	EXISTING	3'-0" X 8'-0"	AZ						NH		
003	RECEPTIONIST	SC. WD	3'-0" X 8'-0"	C						NH		
004	RECEPTIONIST	SC. WD	3'-0" X 8'-0"	C						NH		
005	CLIENT CONF.	SC. WD	3'-0" X 8'-0"	B						NH		
006	CLIENT CONF.	SC. WD	3'-0" X 8'-0"	B						NH		
007	OFFICE	SC. WD	3'-0" X 8'-0"	A						NH		
008	OFFICE	SC. WD	3'-0" X 8'-0"	A						NH		
009	EMPLOYEE ENT.	EXISTING	3'-0" X 8'-0"	A						NH		
010	EMPLOYEE ENT.	SC. WD	3'-0" X 8'-0"	A						NH		
011	NETWORK ROOM	SC. WD	3'-0" X 8'-0"	A						NH		
012	SALES STORAGE	SC. WD	3'-0" X 8'-0"	A						NH		
013	OFFICE	SC. WD	3'-0" X 8'-0"	A						NH		
014	OFFICE	SC. WD	3'-0" X 8'-0"	A						NH		
015	OFFICE	SC. WD	3'-0" X 8'-0"	A						NH		
016	CONFERENCE	SC. WD	3'-0" X 8'-0"	B						NH		
017	CONFERENCE	SC. WD	3'-0" X 8'-0"	B						NH		
018	CONFERENCE	SC. WD	3'-0" X 8'-0"	B						NH		
019	EMPH. OFFICE ENT.	EXISTING	3'-0" X 8'-0"	B						NH		
020	COULINER ROOM	SC. MTL	3'-0" X 8'-0"	D						NH		
021	PRINT ROOM	SC. WD	3'-0" X 8'-0"	D						NH		
022	PRINT ROOM	SC. WD	3'-0" X 8'-0"	D						NH		
023	BRANCH STORAGE	SC. WD	3'-0" X 8'-0"	AZ						NH		
024	BRANCH STORAGE	SC. WD	3'-0" X 8'-0"	AZ						NH		
025	TRAINING ROOM	SC. WD	3'-0" X 8'-0"	B						NH		
026	TRAINING ROOM	SC. WD	3'-0" X 8'-0"	B						NH		

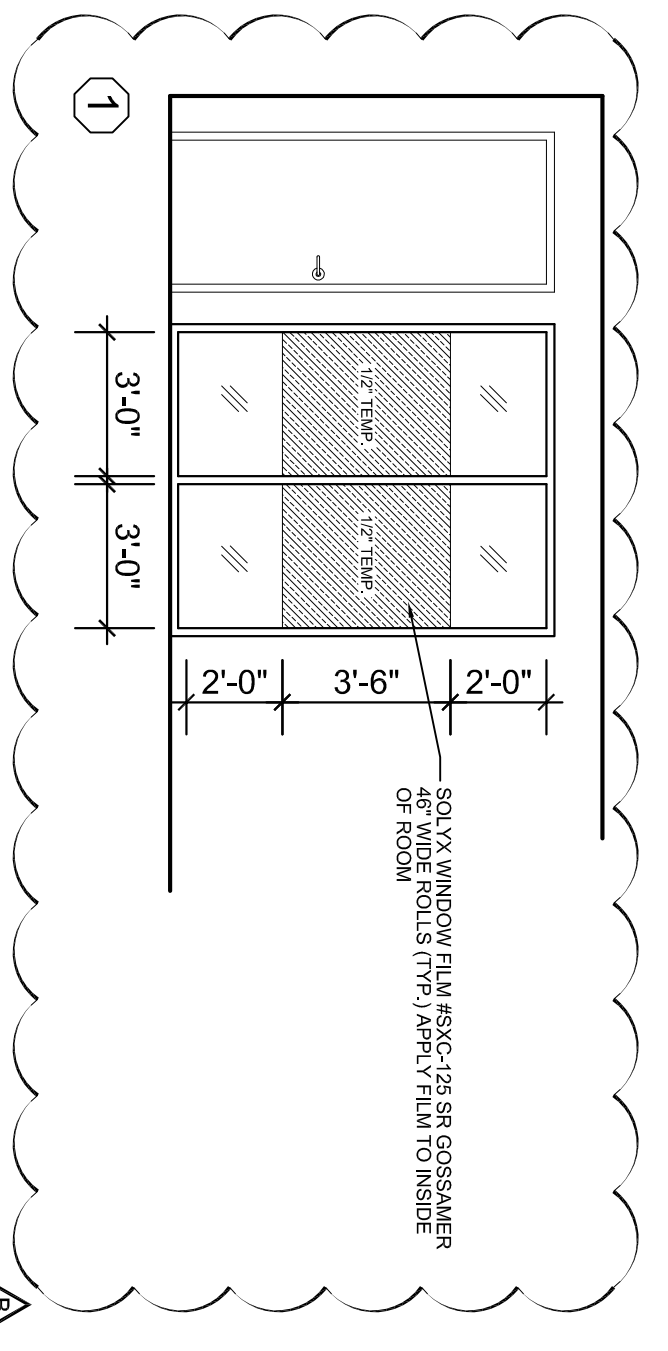
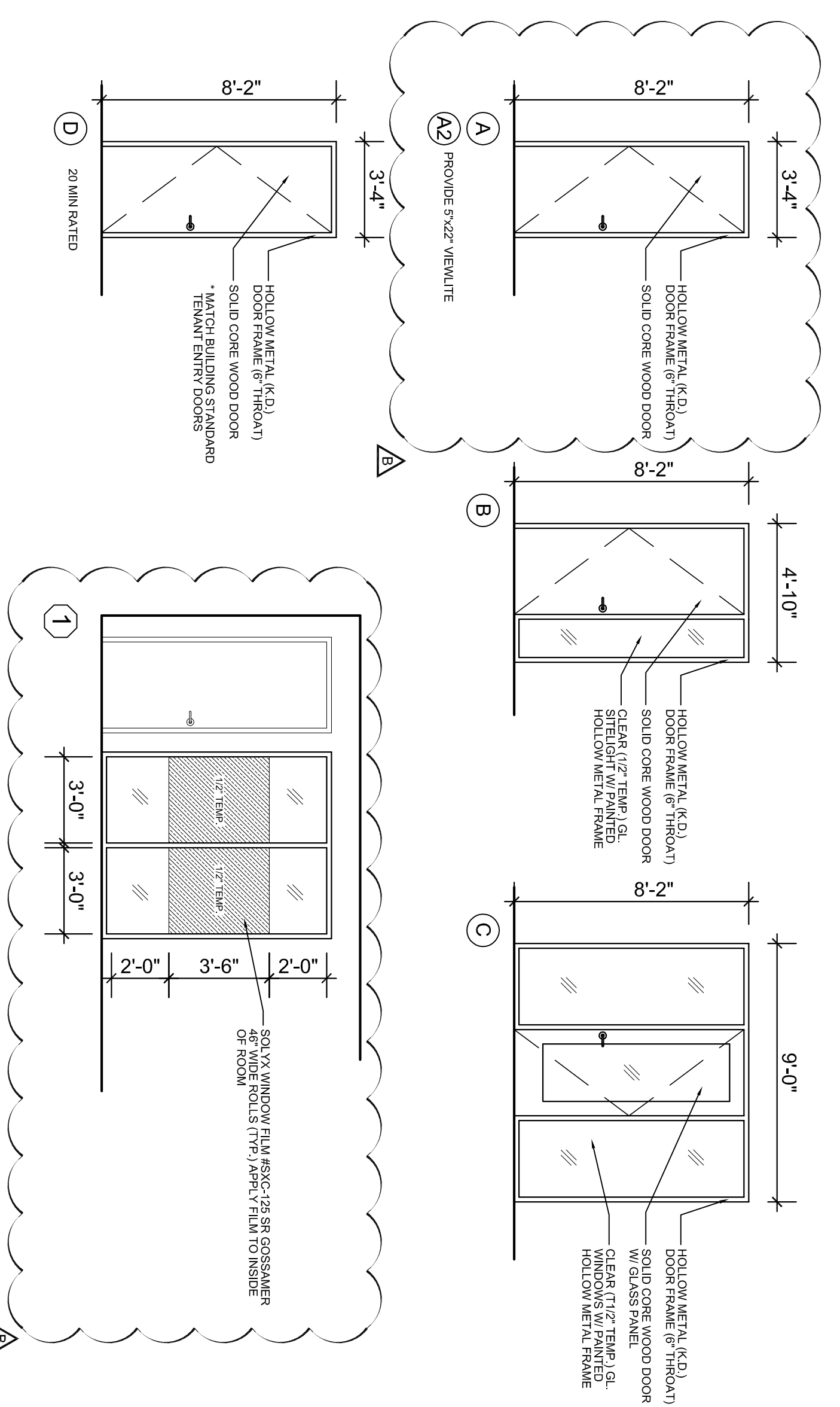
- TENANT ENTRY DOORS TO REMAIN AS EXISTING (BUILDING STANDARD HARDWARE TO REMAIN)
- ALL CLOSERS TO BE ON THE INSIDE OF TENANT SPACE
- ALL DOOR HARDWARE TO BE BUILDING STANDARD
- ALL DOOR STOPS ARE TO BE FLOOR MOUNTED (NOT WALL MOUNTED)
- DOOR HARDWARE IS REQUIRED TO COMPLY WITH FIC 114.13.9 FOR ACCESSIBILITY
- CONTRACTOR TO SEE BUILDING ENGINEER FOR STANDARD SPECS
- REQUIRED MODIFICATIONS TO DOORS NO TO COMPROMISE DOOR RATING

5 DOORS/WINDOWS  
1/4" = 1'-0"



3 JAMB DETAIL  
3" = 1'-0"

4 GLAZING DETAIL  
3" = 1'-0"



REVISIONS
1 08/16/11 OWNER
2 08/17/11 TENANT
3
4
5

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CD  
08/17/11

**PAYCHEX**  
1450 CENTREPARK  
1450 CENTREPARK DR #150  
WEST PALM BEACH, FL  
PROJECT NUMBER 14511

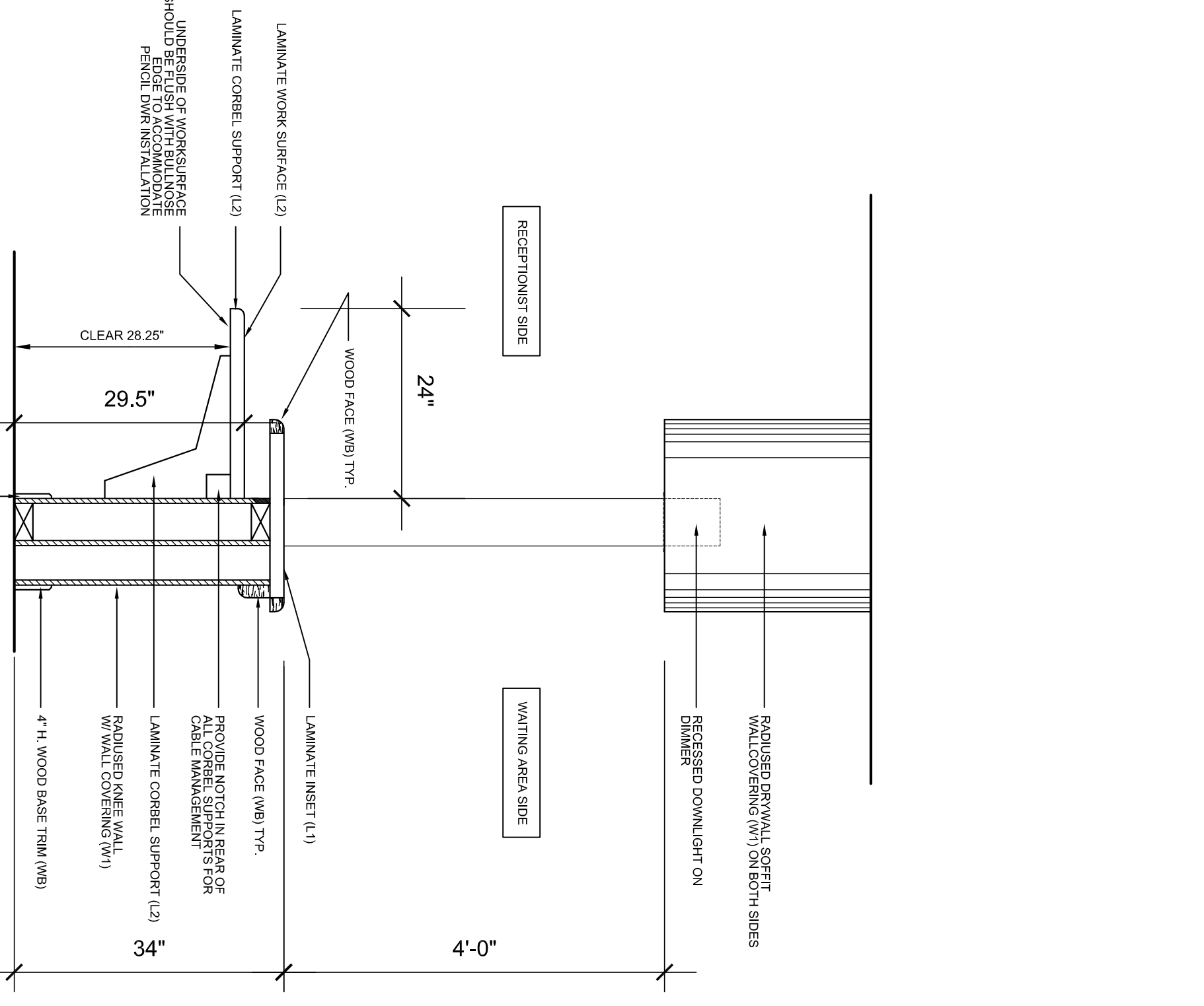
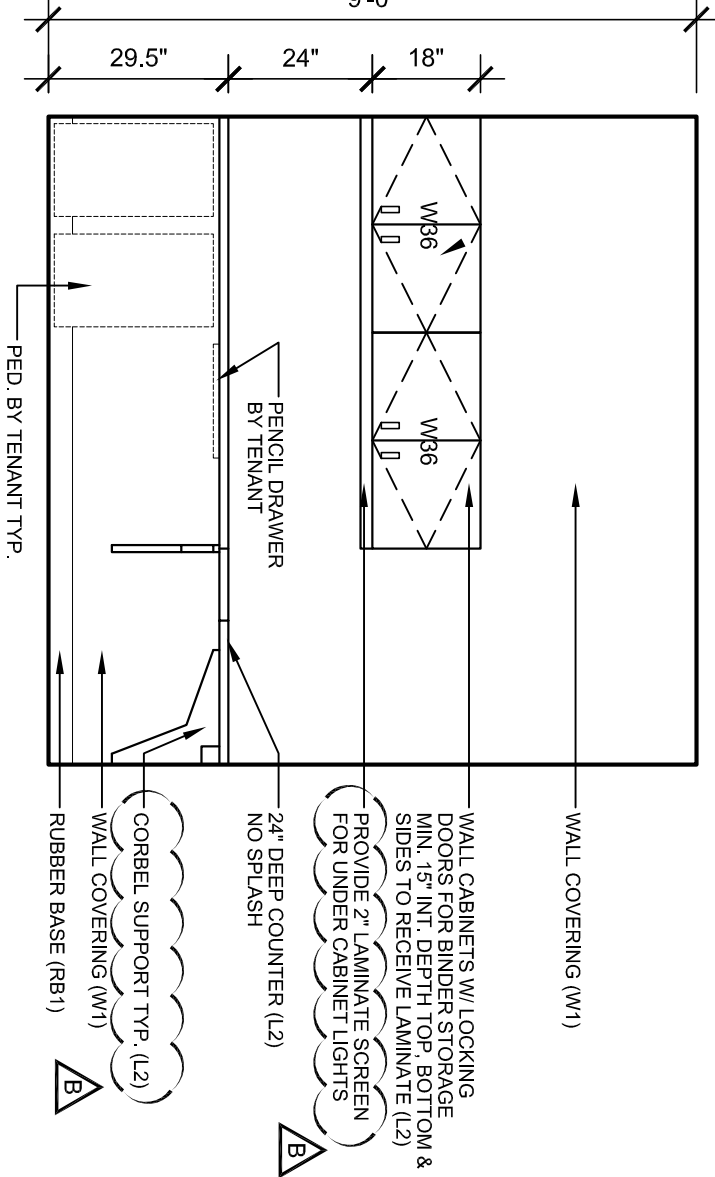
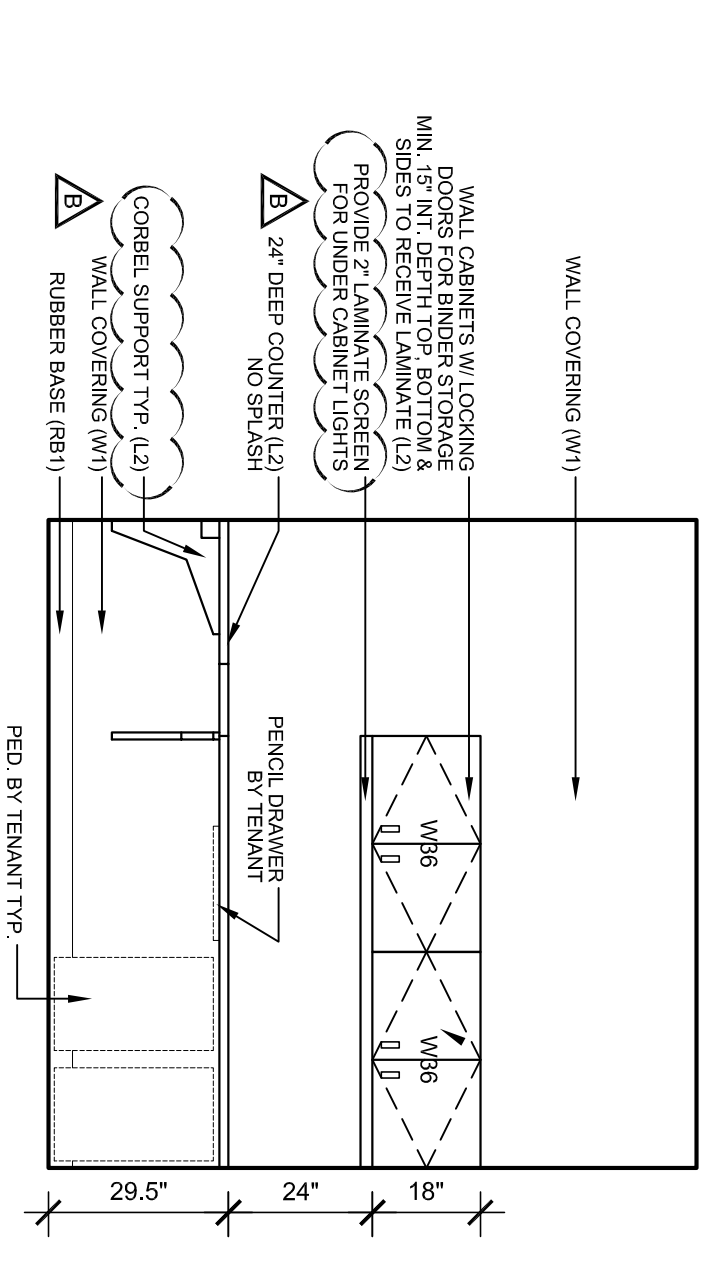
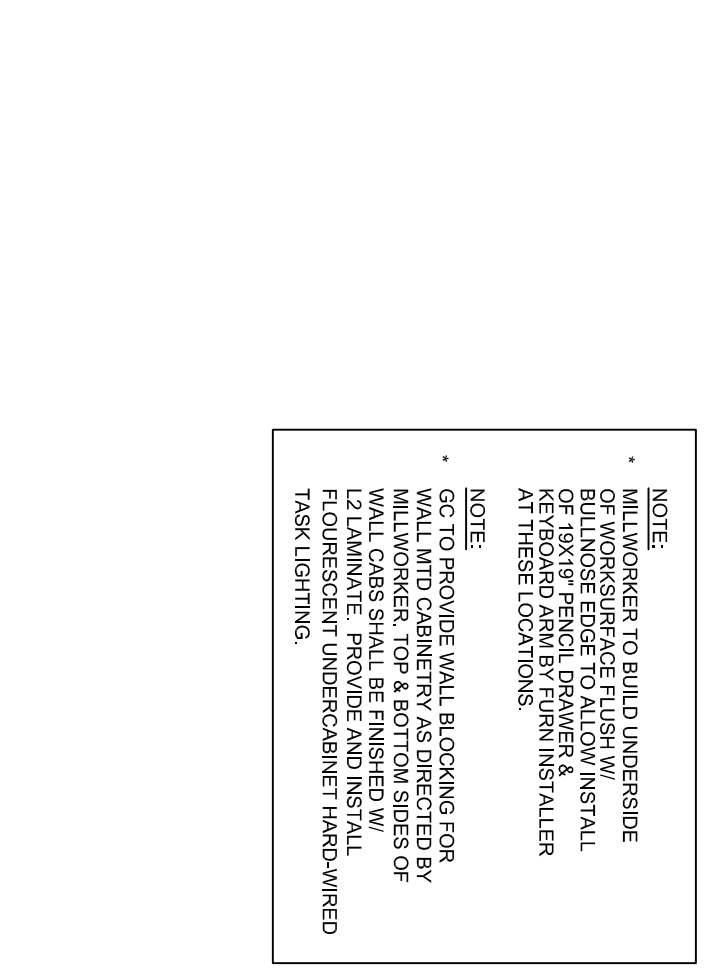
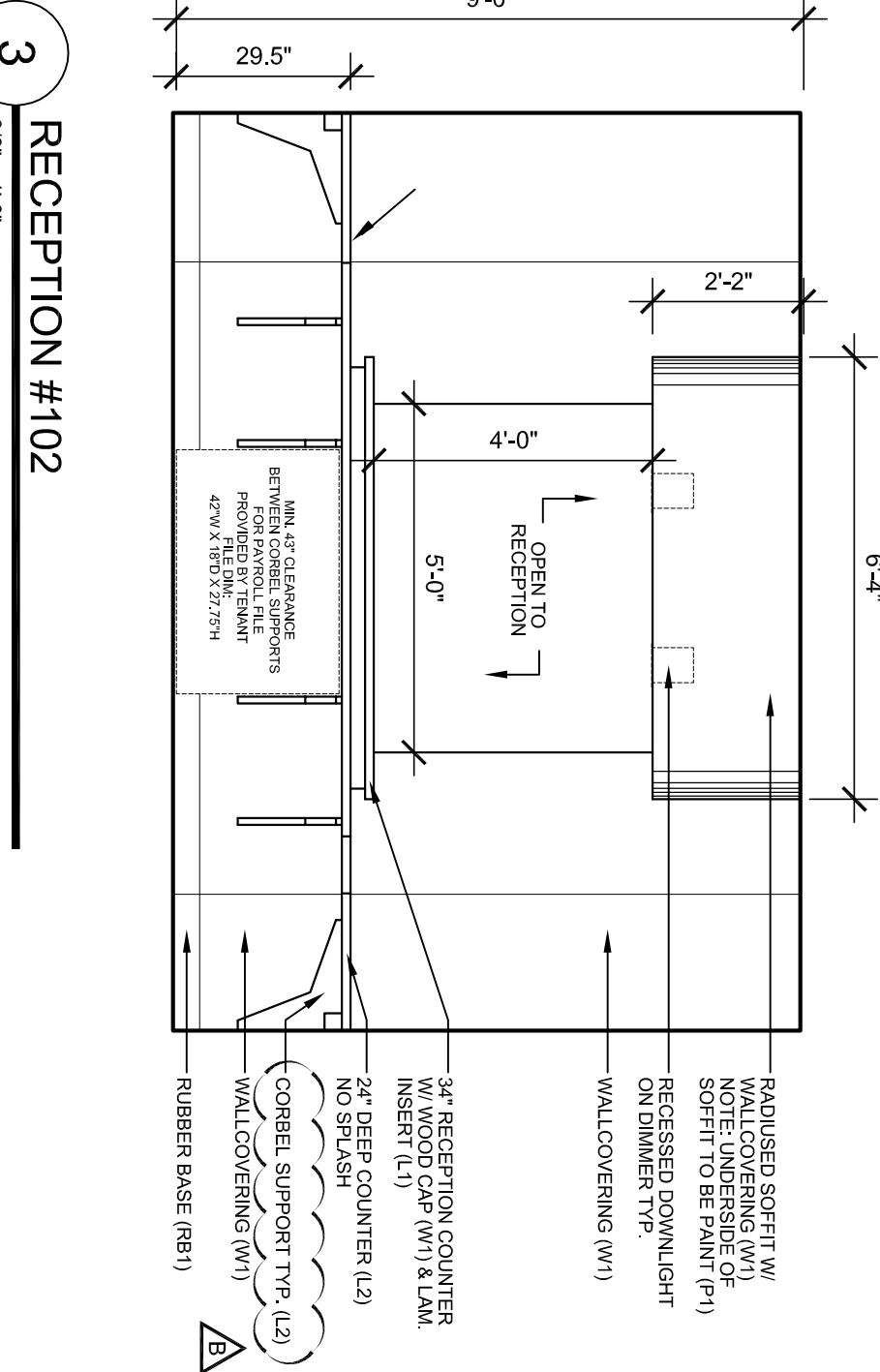
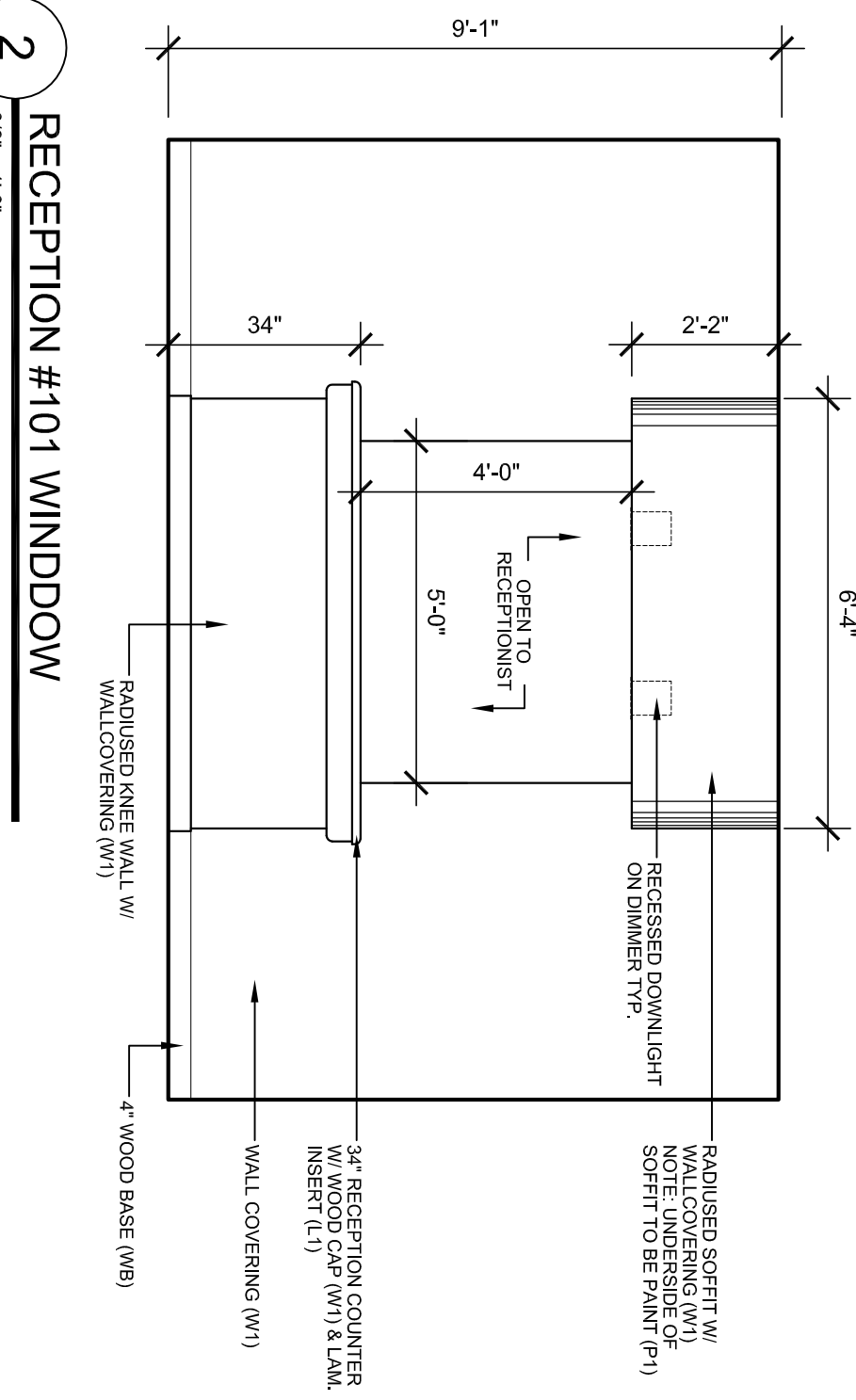
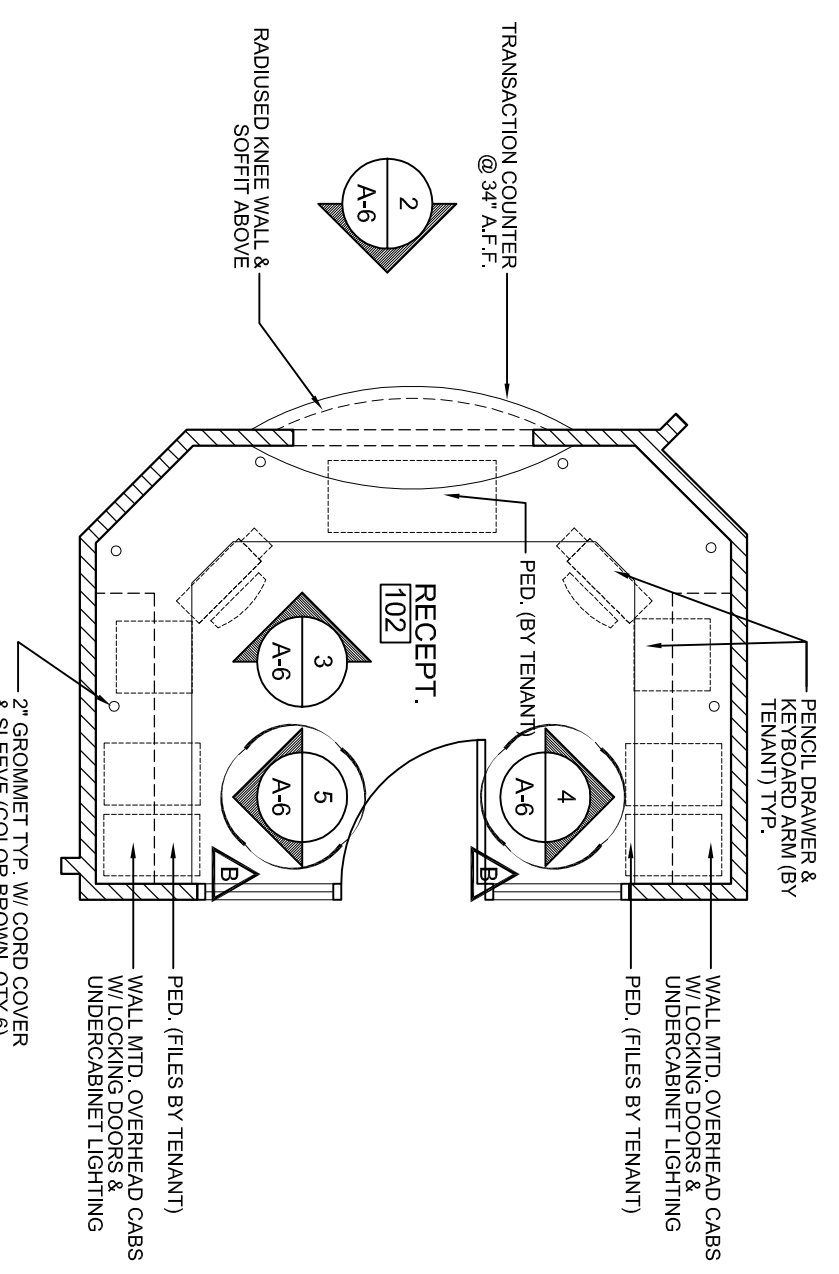
ALLEN'S BIRSE  
ARCHITECTS

birse design inc.  
5300 woodland lakes drive  
palm beach gardens, fl 33418  
phone 561-249-4001  
fax 772-409-8684  
AA26001615

**BD**

A-5



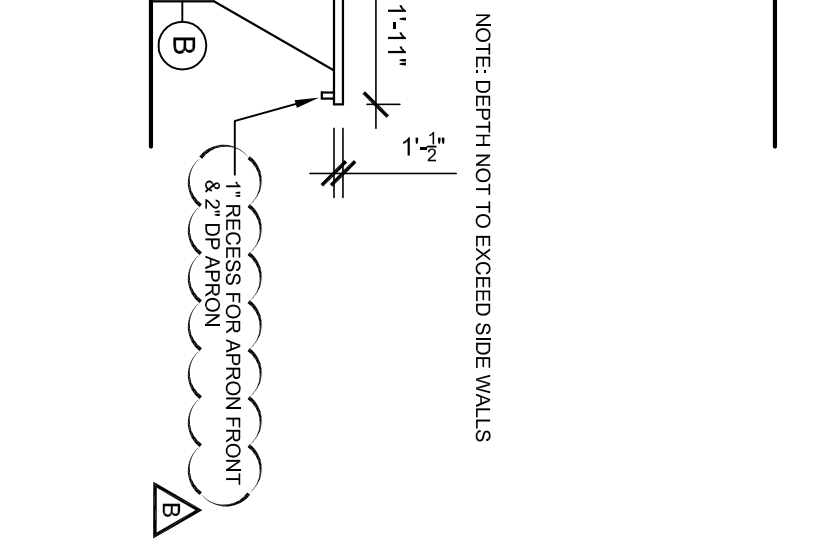
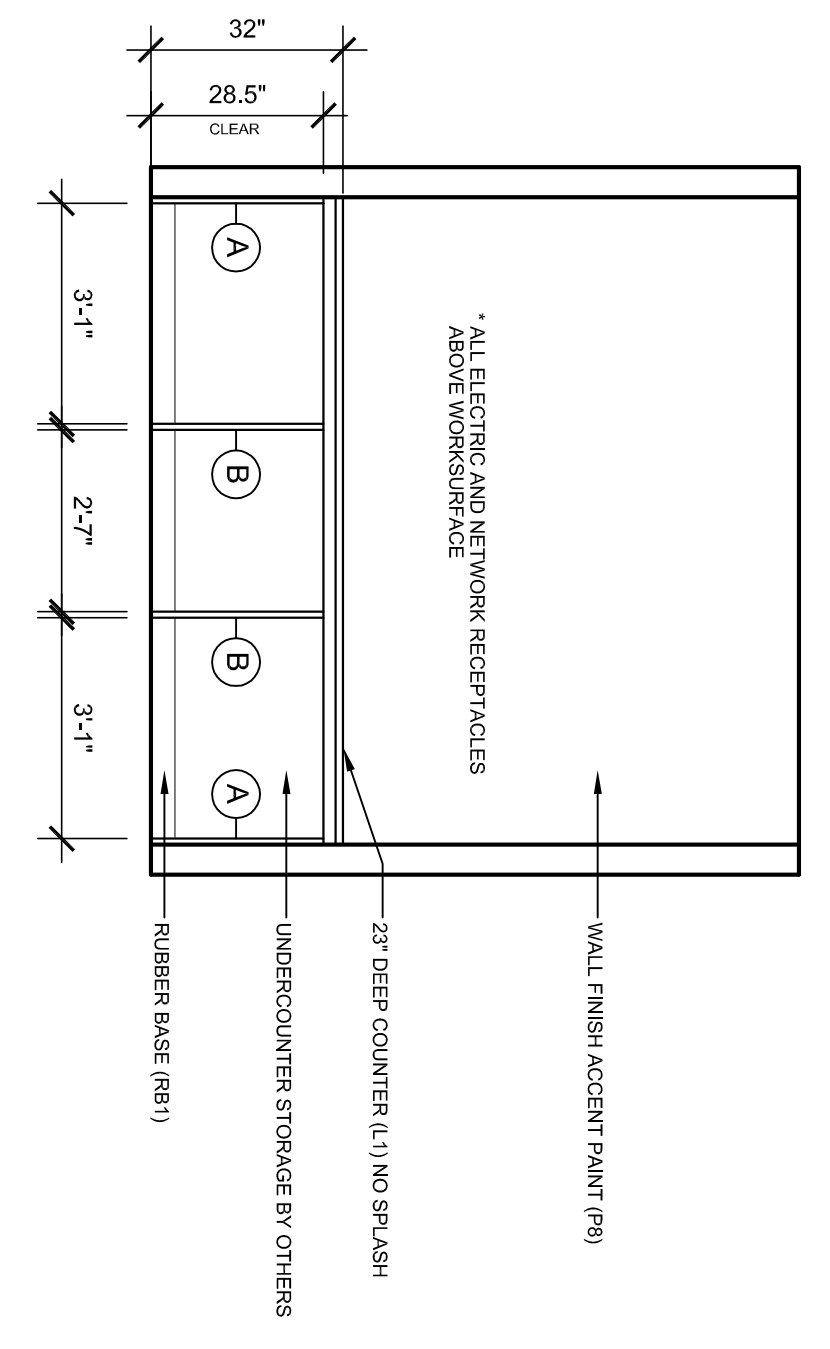
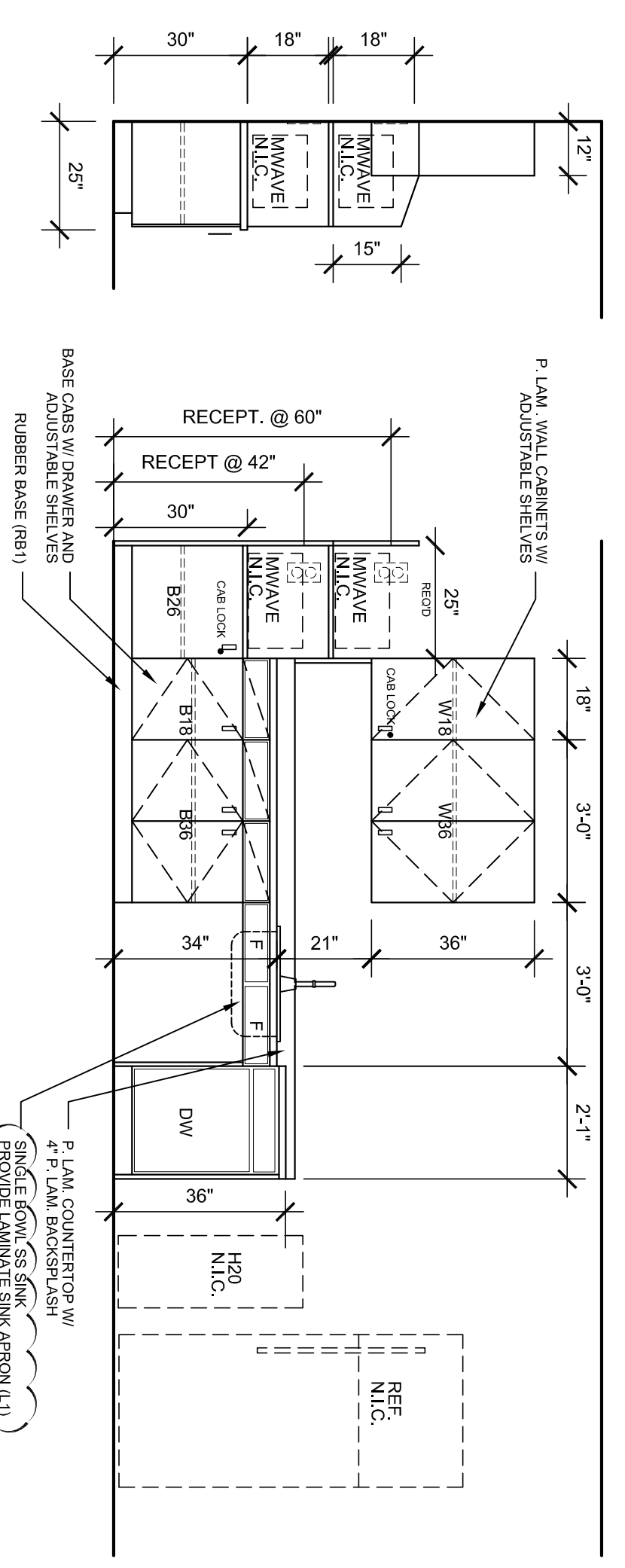


1 (ENLARGED) RECEPTION #102  
 1/4" = 1'-0"

4 RECEPTION #102  
 3/8" = 1'-0"

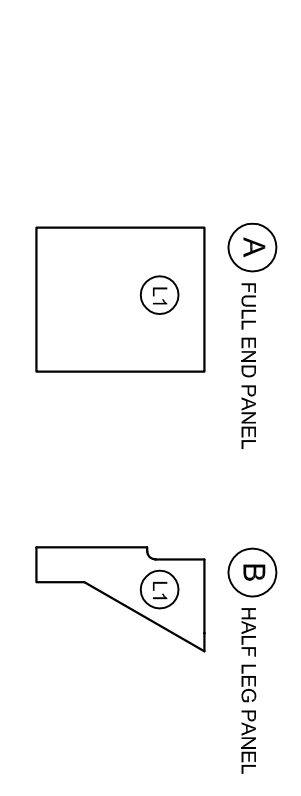
5 RECEPTION #102  
 3/8" = 1'-0"

6 RECEPTION SECTION  
 3/4" = 1'-0"



- \* SINKS SHALL BE MOUNTED WITH THE COUNTER OR BIRM NO HIGHER THAN 34" ABOVE THE FINISH FLOOR
- \* KNEE CLEARANCE OF AT LEAST 27" HIGH, 30" WIDE AND 19" DEEP IS PROVIDED UNDERMATH
- \* EACH SINK SHALL BE A MAXIMUM OF 8'-7" DEEP
- \* HOT WATER AND DRAIN PIPES UNDER THE SINK SHALL BE INSULATED OR CONDUITED CONSIDERED SO AS TO PROTECT AGAINST ANY CONTACT THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE SINK
- \* A CLEAR FLOOR SPACE OF AT LEAST 30" BY 48" SHALL BE PROVIDED IN FRONT OF THE SINK TO ALLOW FORWARD APPROACH. THE CLEAR FLOOR SPACE SHALL BE ON AN ACCESSIBLE ROUTE AND SHALL EXTEND A MAXIMUM OF 19" INCHES UNDERMATH THE SINK
- \* IF MAX CLEAR AREA SHALL BE PROVIDED UNDERMATH THE SINK
- \* ALL FINISHES TO BE LEVER OPERATED

1. UPPER CABINETS TO BE LAMINATE (L1) MATCH BASE CABINET DIMENSIONS FOR MINIMUM 1/2" DEEP W/ADJUSTABLE SHELVES
  2. COUNTERTOP TO BE LAMINATE (L1) 25" DEEP WITH 4" BACKSPASH
  3. ADD CABINET LOOKS AS PER ELEVATIONS
  4. ADD CABINET LOCKS AS PER ELEVATIONS
- CONTRACTOR TO PROVIDE AND INSTALL DIMMERS AND GARAGE DISPOSAL UNDER THE SINK
- 4" WOOD BASE (WB)  
 34" RECEPTION COUNTER INSERT (L1)  
 WALL COVERING (WV1)  
 RECESSED DOWNLIGHT ON DIMMER TYP.  
 WALL COVERING (WV1)  
 34" RECEPTION COUNTER INSERT (L1) TO BE SHOWN (P1)  
 WALL COVERING (WV1)  
 RECESSED DOWNLIGHT ON DIMMER TYP.  
 WALL COVERING (WV1)  
 34" RECEPTION COUNTER INSERT (L1) TO BE SHOWN (P1)  
 WALL COVERING (WV1)



7 BREAK #114 SIDE/FRONT  
 3/8" = 1'-0"

8 COPY #118 FRONT/SIDE  
 3/8" = 1'-0"

**BD**

birse design inc.

5300 woodland lakes drive  
 palm beach gardens, fl 33418

phone 561-249-4001  
 fax 772-409-8684  
 AA26001615

ALLEN'S BIRSE  
 08/27/19

**PAYCHEX**

1450 CENTREPARK  
 1450 CENTREPARK DR #150  
 WEST PALM BEACH, FL

PROJECT NUMBER 14511

REVISIONS  
 1 08/16/11 OWNER  
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 3  
 4  
 5

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08/17/11

**A-6**

SUITE #150	MK	ROOM NAME	FLOOR	BASE MAT	WALLS	CEILING	COUNTER	CABINETS	REMARKS
	101	RECEPTION	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	102	RECEPTIONIST	OPT1	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	103	CONFERENCE	OPT2	WB	4" WPB3	P2	ACT1	6'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	104	OFFICE	OPT2	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	105	OFFICE	OPT2	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	106	ELECTRIC	OPT2	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	107	NETWORK	OPT2	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	108	STORAGE	OPT2	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	109	OFFICE	OPT2	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	110	OFFICE	OPT2	RB1	4" WRB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	111	CONFERENCE	OPT2	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	112	CONFERENCE	OPT2	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	113	BREAK	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	114	BREAK	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	115	STORAGE	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	116	STORAGE	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	117	STORAGE	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	118	CLASSROOM	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	119	CLASSROOM	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT
	120	OPEN OFFICE	OPT1	WB	4" WPB3	P2	ACT1	9'0"	SEE WALL COVERING PLAN FOR ACCENT PAINT

\* ALL INTERIOR WALL AND CEILING FINISHES TO HAVE A MIN CLASS 'C' FLAME SPREAD CLASSIFICATION

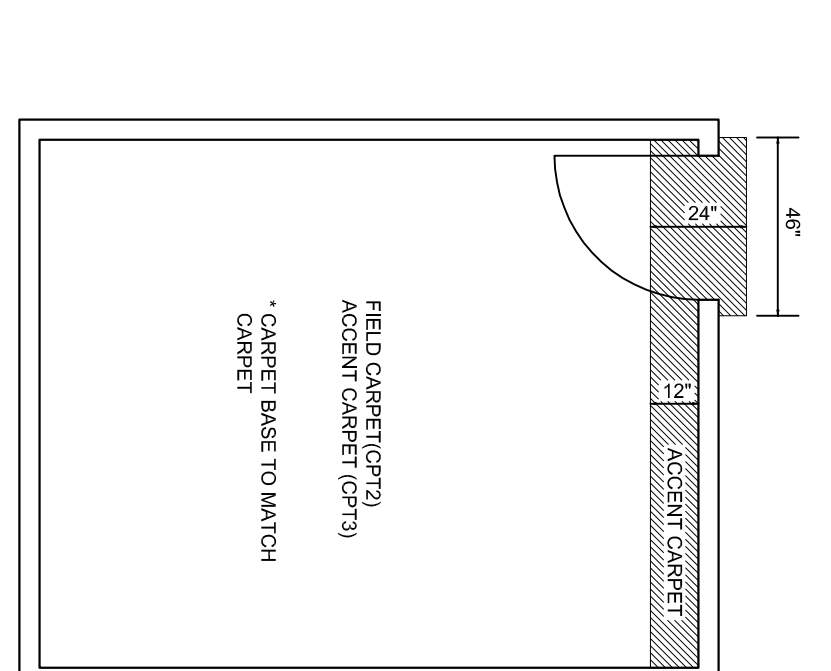
\* ALL INTERIOR FLOOR FINISH SHALL BE NOT LESS THAN CLASS II

\* SAMPLES ARE REQUIRED TO BE APPROVED PRIOR TO ORDERING

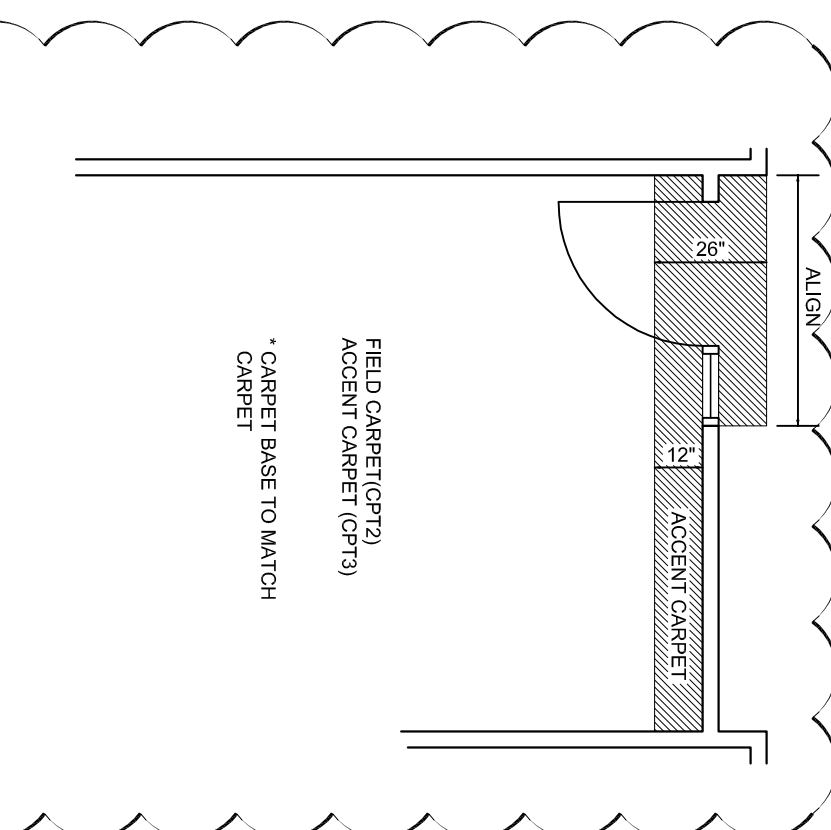
FINISH SELECTIONS		WALL COVERINGS (W1)	
CARPET TILE (OPT1)	MANUFACTURER: BEUBORGE 24X24" COLOR: 3033 NAVY-GOLD ACCENT ZEPHYRUS ENHANCED X-YLON -INSTALL MONOLITHIC	MANUFACTURER: DL COUCH	20 OZ. 54" WIDTH REVERSE HANG - 1/2 PROP MATCH
CARPET (OPT2) 12' BLDG.COM	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: THE CAPITAL 4888889 BLEU ANTRON MINION OF NYLON	MANUFACTURER: DL COUCH	COLLECTION: GR-584 20 OZ. 54" WIDTH REVERSE HANG / RANDOM MATCH
CARPET (OPT3) 12' BLDG.COM	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 (7MI) ANTRON MINION OF NYLON	MANUFACTURER: DL COUCH	REVERSE HANG / RANDOM MATCH
COMMERCIAL SHEET VINYL (V1)	MANUFACTURER: MANNINGTON COLLECTION: ASSURE (SHEET) VINYL COMPOSITION TILE (V2)	MANUFACTURER: WILSONART	LAMINATE (L1)
MANUFACTURER: MANNINGTON 12X12 PREMIUM VINYL TILE COLOR: 627 PEARLUT	MANUFACTURER: MANNINGTON 12X12 PREMIUM VINYL TILE COLOR: 627 PEARLUT	MANUFACTURER: WILSONART	COLOR: 484-38 MISSION ADORÉ
CARPET BASE (CB)	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	RECEPTION PARTITION COUINTER TOP
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	RECEPTION WORKSURFACE/SUPPORTS
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	RECEPTIONIST WALL / MOUNTED CABINETS
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	WALL CORNER GUARDS
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	CLEAR FINISH
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	CONTRACTORS TO CONTACT THE FOLLOWING BEPS BELOW TO RECEIVE PAYCHEX NATIONAL ACCOUNT PRICING:
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	BLUERIDGE CARPETS: WILE DELUAVITA (919)376-1831 / EMAIL: -MDELUAVIT1@BLUERIDGECARPET.COM
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	MANWINGTON FLOORING: NORRINE EDWARDS EMAIL: -NORRINE_EDWARDS@MANWINGTON.COM
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	BENTLY PRINCE STREETS CARPETS: CATHY LYONS 800-423-4789 x 5502
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	DL COUCH WALL COVERINGS: ELIZABETH DELEMAN 800-433-0790 / CELL: (724)719-8484
MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: BENTLY PRINCE SHEET COLLECTION: URBAN SCENE SUBSAPOR COLOR: THE CAPITAL 488889 ANTRON MINION OF NYLON	MANUFACTURER: WILSONART	SCIPFMASTER PAINTS: JIM SHERLOCK (919)345-4463 / EMAIL: -JSHERLOCK@GROSOBAL.COM

### 1 FINISH SCHEDULE

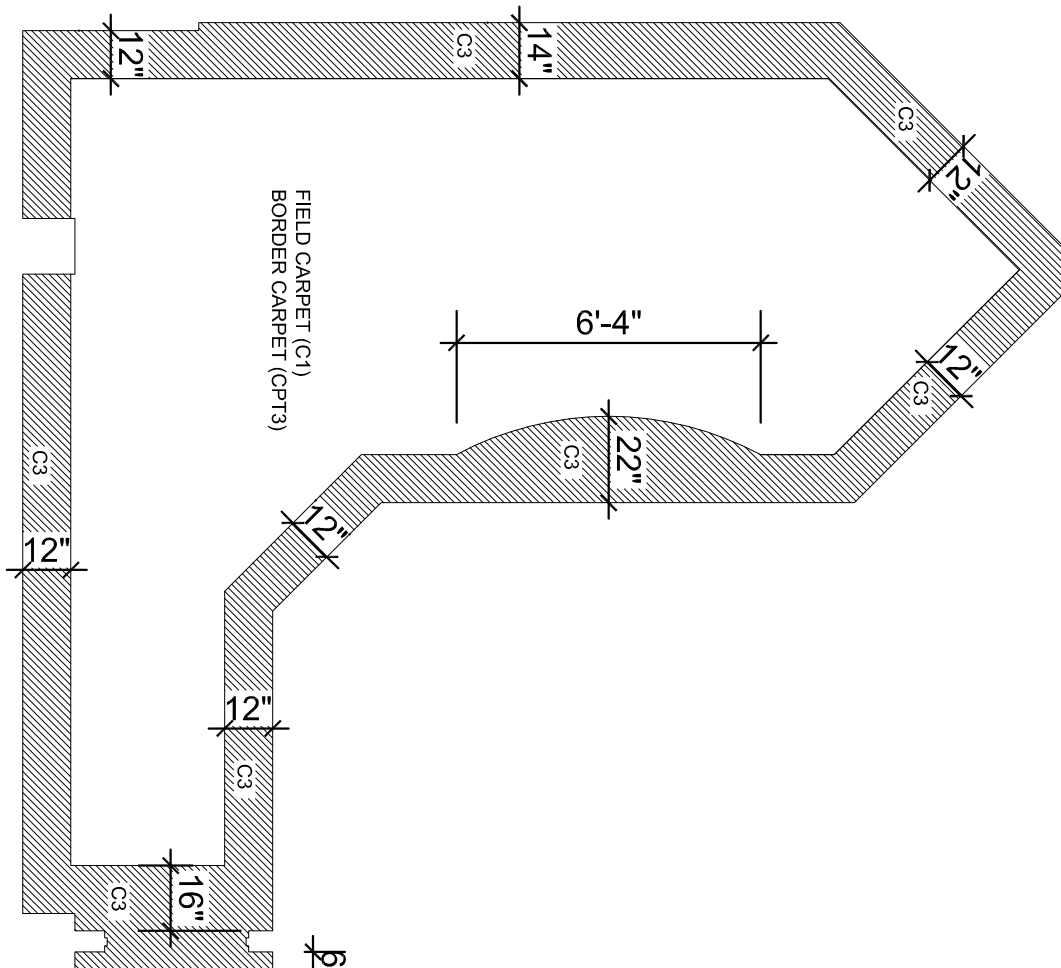
4" WOOD BASE STAINED TO MATCH DOORS



TYP. OFFICE CARPET ACCENT OFFICE #101-110/111



TYP. CONFERENCE CARPET ACCENT OFFICE #112



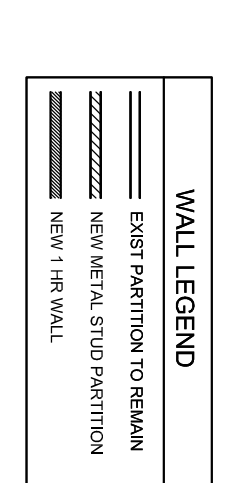
TYP. RECEPTION CARPET ACCENT OFFICE #101

### 2 OFFICE CARPET DETAIL

### 3 CONF. CARPET DETAIL

### 4 RECEPTION CARPET DETAIL

### 5 (FINISH) FLOOR PLAN



**birse design inc.**  
 5300 woodland lakes drive  
 palm beach gardens, fl 33418  
 phone 561-249-4001  
 fax 772-409-8684  
 AA26001615

**BO**

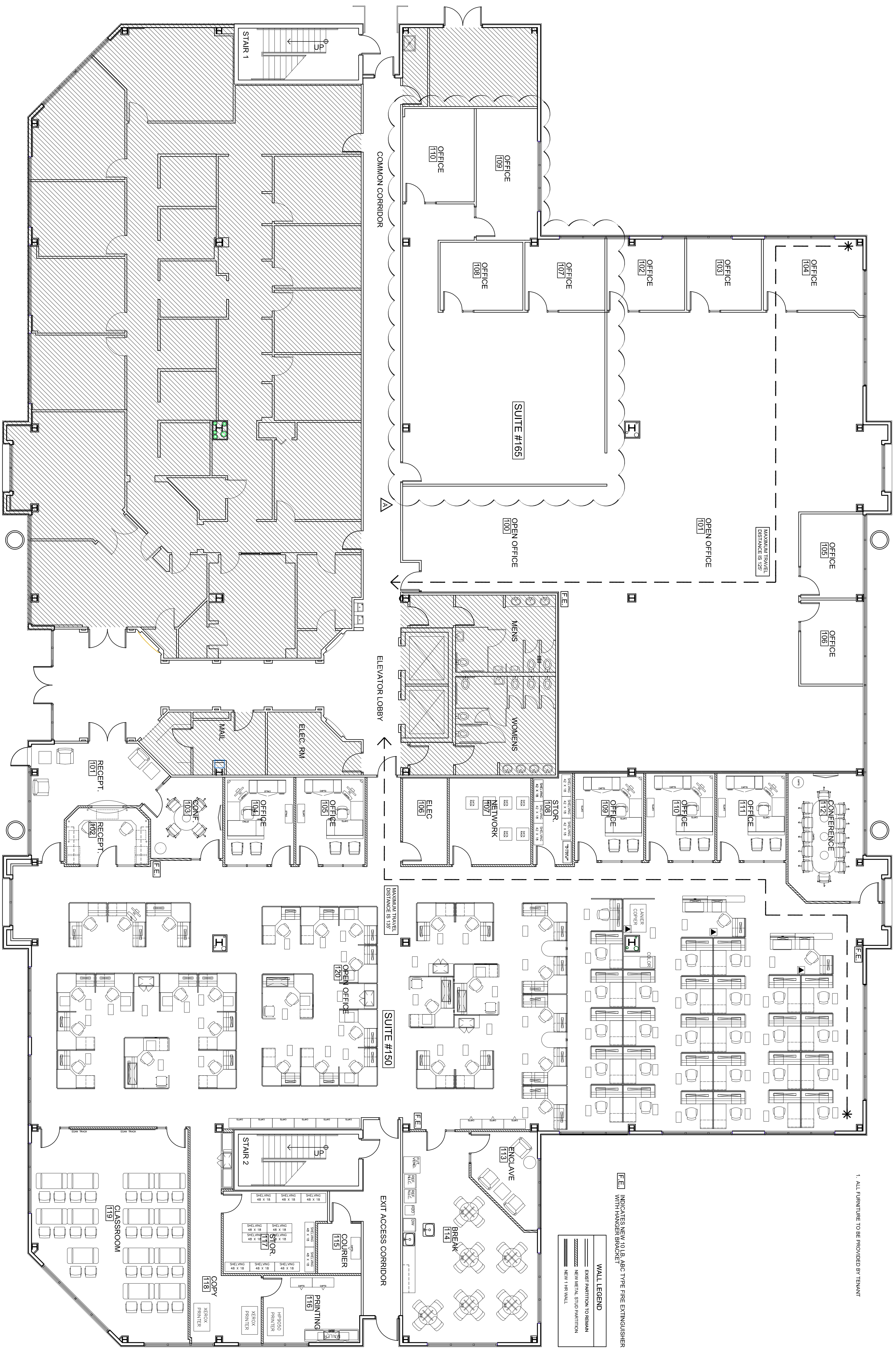
**PAYCHEX**  
 1450 CENTRE PARK  
 1450 CENTRE PARK DR #150  
 WEST PALM BEACH, FL  
 PROJECT NUMBER 14511

**REVISIONS**  
 1. 08/16/11 OWNER  
 2. 08/17/11 TENANT  
 3.  
 4.  
 5.

**DRAWN BY ASB**  
 CD  
 08/17/11

**A-7**

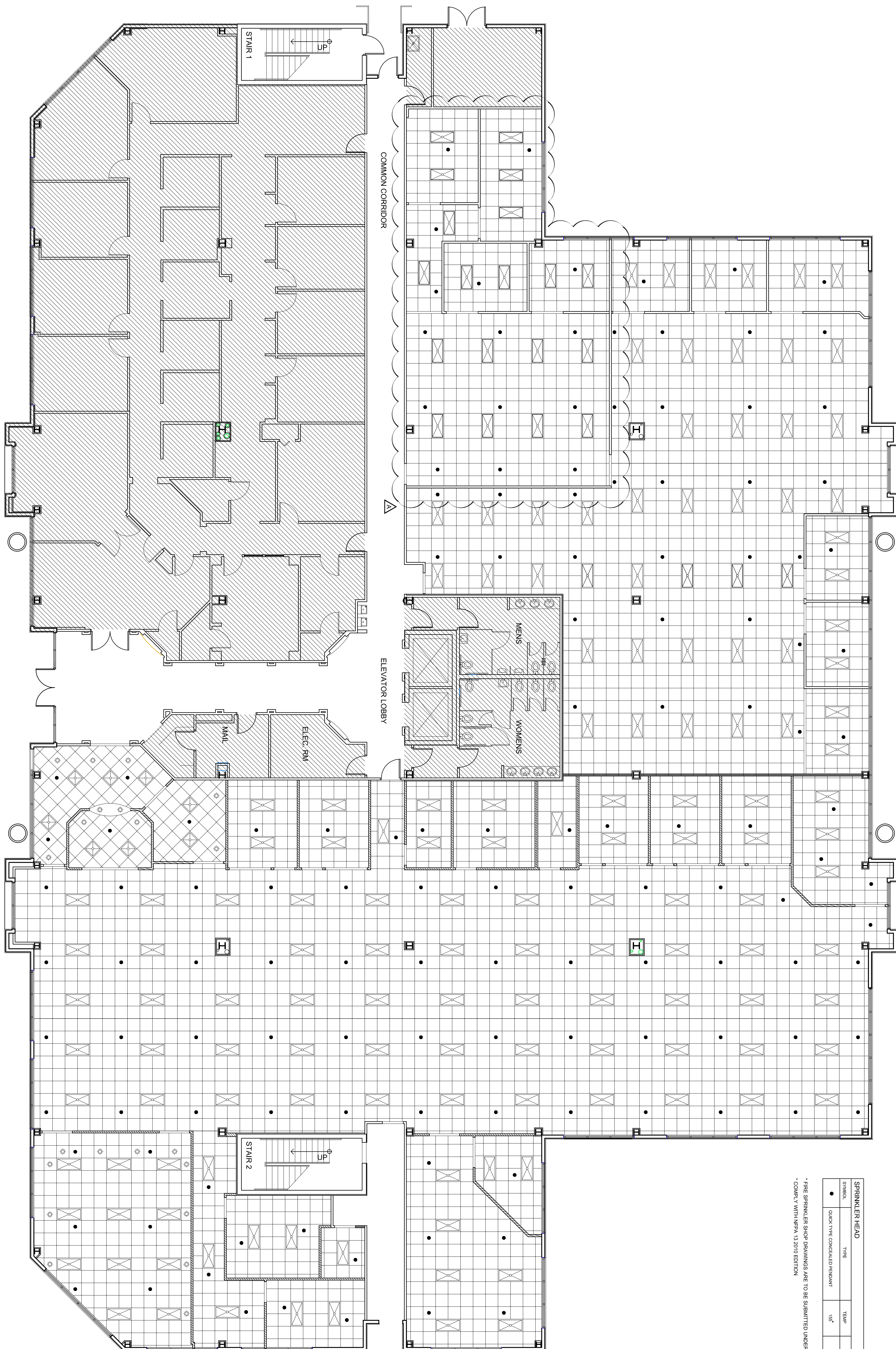




1. ALL FURNITURE TO BE PROVIDED BY TENANT

**WALL LEGEND**  
 [Symbol] EXIST PARTITION TO REMAIN  
 [Symbol] NEW METAL STUD PARTITION  
 [Symbol] NEW 1 HR WALL  
 [Symbol] W/IRIGATORS, NEW 1A1B ABC TYPE FIRE EXTINGUISHER  
 [Symbol] W/IRIGATORS BRACKET





SPRINKLER HEAD			
SYMBOL	TYPE	TEMP	SIZE
●	DRUCK TYPE CONCEALED PENDANT	157°	1/2"

\* THE SPRINKLER SHOP DRAWINGS ARE TO BE SUBMITTED UNDER A SEPARATE FIRE SPRINKLER PERMIT  
\* COMPLY WITH NFPA 13 2010 EDITION

A-9

CD  
DRAWN BY ASB  
08/17/11

REVISIONS  
1 08/16/11 OWNER  
2 08/17/11 TENANT  
3  
4  
5

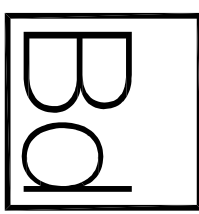
**PAYCHEX**  
1450 CENTREPARK  
1450 CENTREPARK DR #150  
WEST PALM BEACH, FL  
PROJECT NUMBER 14511

AILEEN S. BIRSE  
REGISTERED

birse design inc.  
5300 woodland lakes drive  
palm beach gardens, fl 33418  
phone 561-249-4001  
fax 772-409-8684  
AA26001615

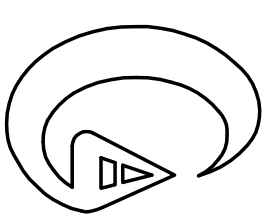
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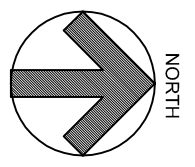
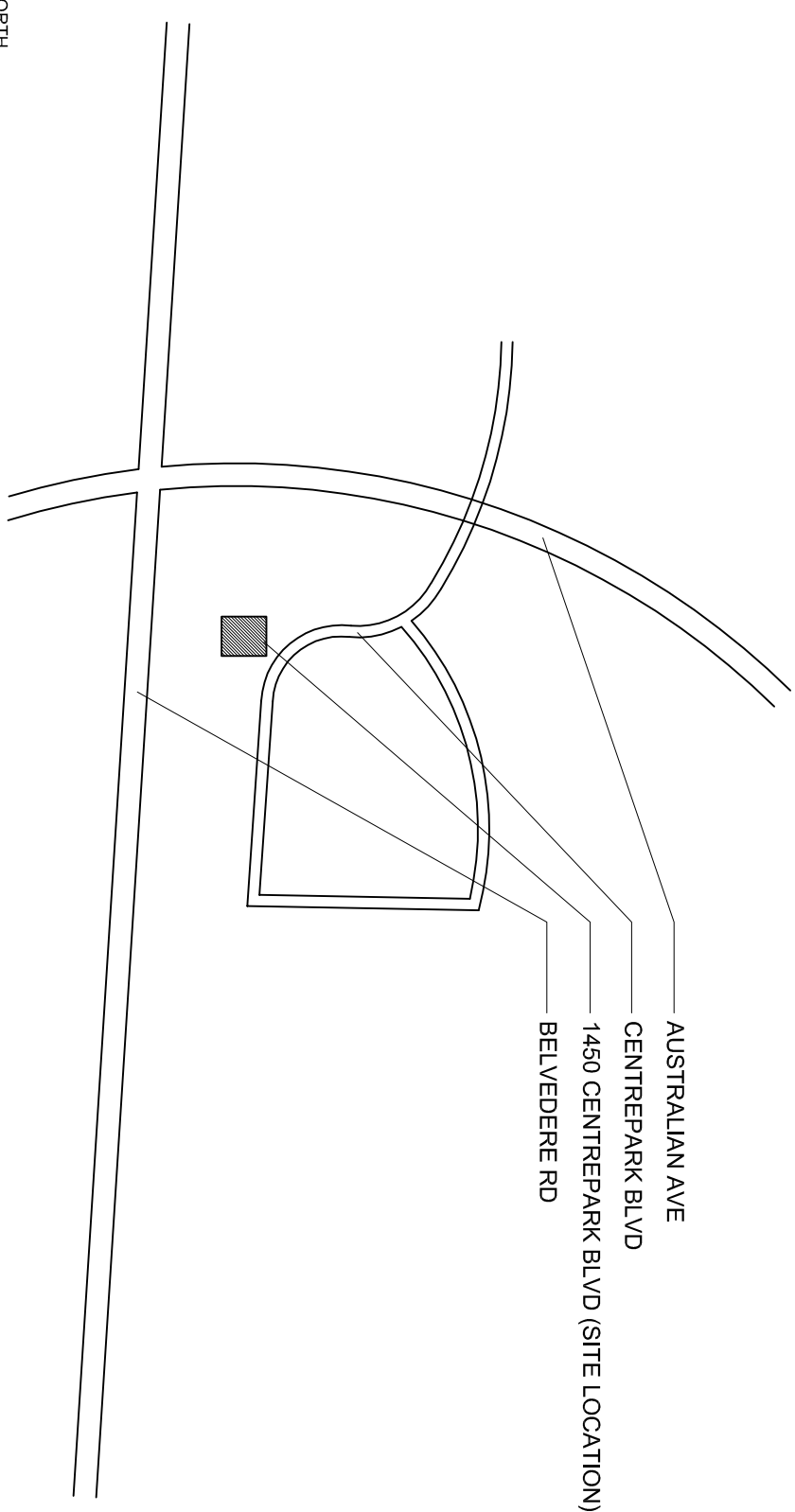
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MECHANICAL ENGINEER / ELECTRICAL / PLUMBING

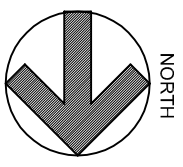
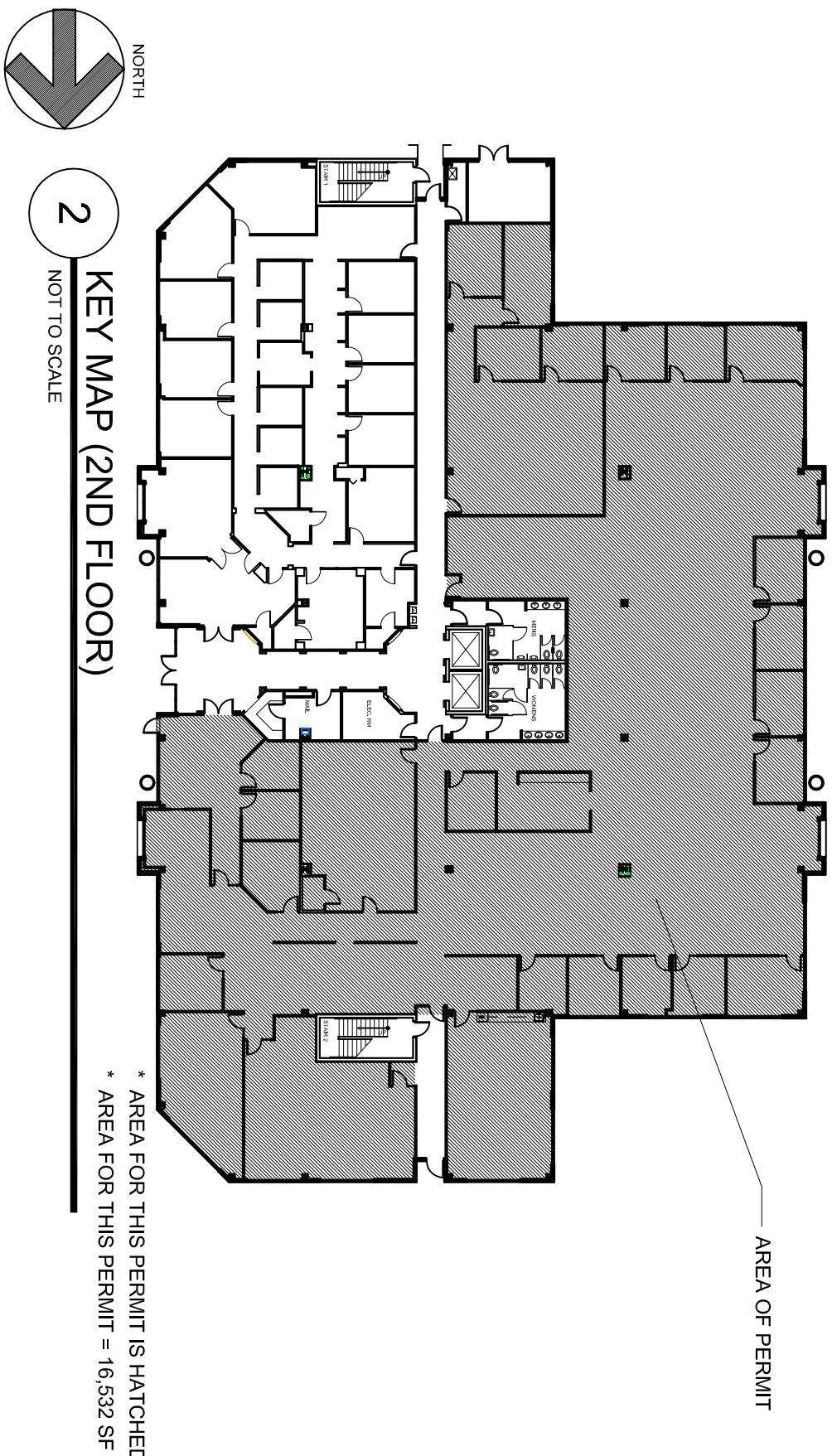


**Gilman & Associates**  
MECHANICAL & ELECTRICAL ENGINEERS

129 N. FEDERAL HWY.  
SUITE 211  
LAKE WORTH, FL 33460  
(561) 582-0210  
P. E. 37933



1 LOCATION MAP  
NOT TO SCALE



2 KEY MAP (2ND FLOOR)  
NOT TO SCALE

**PROJECT DATA:**

- PROJECT ADDRESS: 1450 CENTREPARK DR #150 WEST PALM BEACH, FL
- EXISTING BUILDING IS TYPE II 'B'
- EXISTING BUILDING CLASSIFICATION IS GROUP 'B'
- LEVEL 2 ALTERATION PER EXISTING BUILDING CODE 2007
- 1ST FLOOR IS A MULTI TENANT FLOOR
- SUITE #150 WILL GIVE 4,497 SF TO SUITE #165
- SUITE #150 = 10,298 SF
- SUITE #150 = 10,298 SF/100 = 103 OCCUPANTS
- DESIGN OCCUPANT LOAD = 103 OCCUPANTS
- SUITE #165 = 6,234 SF
- SUITE #165 = 6,234 SF/100 = 63 OCCUPANTS
- DESIGN OCCUPANT LOAD = 63 OCCUPANTS

**PROJECT NOTES:**

- ALL PERMITS AND FEES FOR ALL
- BUILDING AND TRADE PERMITS
- ALL ACCESSORY AND SITE IMPROVEMENT PERMITS
- ALL FILL REQUIRED TO MEET MINIMUM FINISHED FLOOR SLAB ELEVATION AND COMPACT
- WATER METER KICK-UP AND METER DEPOSITS - OWNER RESPONSIBILITY
- WATER METER AND METER BOX TO BE INSTALLED BY OWNER
- LOCAL PHONE & CABLE TV - OWNER RESPONSIBILITY
- SOIL, CONCRETE AND ANY OTHER NECESSARY TESTING
- ENGINEERING STAKE OUTS AND SURVEYS INCLUDING FINAL TIE - IN SURVEY, G. CLEARING, GRUB, AND SITE PREPARATION, INCLUDING GRADING.
- ALL BIDDERS AND THEIR SUBCONTRACTORS SHALL BE CURRENTLY LICENSED IN THE STATE OF FLORIDA.
- THE OWNER RESERVES THE RIGHT TO REJECT ANY BIDS.
- THE G.C. SHALL PROVIDE AN ESTIMATE OF TIME FOR COMPLETION.
- THE GENERAL CONTRACTOR SHALL PROVIDE PROOF OF INSURANCE FOR THE WORK AND THE CONTRACTOR SHALL PROVIDE PROOF OF INSURANCE FOR THE OWNER FOR ALL EMPLOYEES EITHER DIRECTLY OR INDIRECTLY EMPLOYED BY THE GENERAL CONTRACTOR OR BY HIS SUBCONTRACTORS.
- THE CONTRACTOR SHALL CLEARLY LIST ANY WORK NOT INCLUDED IN HIS BID.
- PROVIDE FIRE DEPARTMENT KNOX BOX ADJACENT TO FRONT DOOR OF BLDG.
- OF PERMIT SET TO OWNER

**INDEX OF SHEETS:**

T	TITLE SHEET	
A-1	EXISTING FLOOR PLAN	P-1 PLUMBING
A-2	DEMO FLOOR PLAN	E-1 EXISTING ELECTRICAL
A-3	DEMO CEILING PLAN	E-2 PROPOSED ELECTRICAL
A-4	DEMO CEILING PLAN	E-3 PROPOSED LIGHTING
A-5	DETAILS/DOORS	E-4 PANEL SCHEDULE
A-6	INTERIOR ELEVATIONS	E-5 PANEL RISERS/NOTES
A-7	FINISH SCHEDULE/PLAN	E-6 ELECTRICAL DETAILS
A-8	LIFE SAFETY PLAN	E-7 ELECTRICAL NOTES
A-9	FIRE PROTECTION PLAN	
M-1	EXISTING HVAC	
M-2	PROPOSED HVAC	
M-3	HVAC NOTES/DETAILS	
M-4	HVAC NOTES/DETAILS	

**REFERENCE STANDARDS:**

- THIS PROJECT IS DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
- THE FLORIDA BUILDING CODE (FBC), 2007 EDITION WITH 2009 SUPPLEMENTS (BUILDING, MECHANICAL, PLUMBING, FUEL GAS, EXISTING BUILDING).
  - NATIONAL ELECTRIC CODE (NEC), 2008 EDITION.
  - FLORIDA FIRE PREVENTION CODE, 2007 EDITION.
  - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101, LIFE SAFETY CODE, 2006 EDITION.
  - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 1, UNIFORM FIRE CODE, 2006 EDITION.

**GENERAL NOTES:**

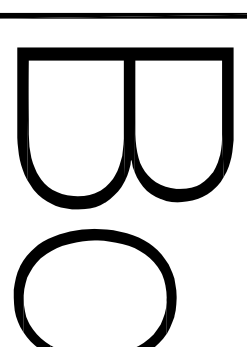
- THE CONTRACTOR SHALL AS A PART OF THIS CONTRACT FURNISH ALL MATERIALS, LABOR, TOOLS, EQUIPMENT, TRANSPORTATION, AND INSURANCE NECESSARY TO PROPERLY EXECUTE AND COMPLETE THE WORK ACCORDING TO THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR IN THE WORK OF ALL TRADES SHALL PROTECT ALL EXISTING BUILDING AND PROPERTY FROM DAMAGE CAUSED BY THE ACTIVITIES OF THE CONTRACTOR AND SUBCONTRACTORS. THE CONTRACTOR SHALL REPAIR AND RESTORE THE JOB SITE AND SURROUNDING AREAS TO ITS ORIGINAL CONDITION. OWNER TO VERIFY SATISFACTION.
- THE CONTRACTOR SHALL VISIT THE JOB SITE TO VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES/INCONSISTENCIES OR OMISSIONS BEFORE PROCEEDING WITH ANY WORK.
- THE CONTRACTOR SHALL MAKE NO CHANGES TO THE CONSTRUCTION DRAWINGS WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT.
- ALL CONSTRUCTION SHALL CONFORM WITH THE LATEST CODES AND ORDINANCES.
- THESE CONSTRUCTION DOCUMENTS ARE DIAGNOSTIC AND ARE TO CONVEY DESIGN INTENT. IT IS NOT THE INTENT OF THESE CONSTRUCTION DRAWINGS TO SHOW ALL DETAILS OF THE EXISTING CONDITIONS. THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
- EACH CONTRACTOR SHALL ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR MECHANICAL, ELECTRICAL, AND PLUMBING WITH THE APPROPRIATE TRADES.
- ALL INDICATED UTILITY AND STUB-UP LOCATIONS ARE FOR REFERENCE ONLY. THE EXACT LOCATIONS SHALL BE VERIFIED ON THE JOB SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ENGINEERING AND THE ARCHITECTURAL DRAWINGS FOR THE ACTUAL PLACEMENT OF THE WORK RELATIVE TO FIELD CONDITIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OBTAINING INSTALLATION REQUIREMENTS FOR ALL BUILT-IN APPLIANCES, FIXTURES, AND EQUIPMENT. VERIFY EXACT ROUGH-IN DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO ROUGH-IN FRAME.
- THE COST OF ADDITIONAL DESIGN WORK DUE TO ERRORS OR OMISSIONS IN CONSTRUCTION SHALL BE BORNE BY THE RESPECTIVE CONTRACTOR.
- DETAILS ON THE STRUCTURAL DRAWINGS (IF PROVIDED) ARE TYPICAL. VERIFY ALL DIMENSIONS WITH THE STRUCTURAL DRAWINGS.
- CONTRACTOR TO BE RESPONSIBLE FOR CHECKING STRUCTURAL CALCULATIONS FOR SPECIFIC REQUIREMENTS OF STRUCTURAL CONNECTIONS. SUBMIT STEEL TRUSS CALCULATIONS AND SHOP DRAWINGS OF ALL STRUCTURAL STEEL AND MISCELLANEOUS METAL FABRICATION BEFORE COMMENCING FABRICATION.
- BIRSE DESIGN, INC. SHALL IN NO WAY BE RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNOLOGIES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. (THESE ARE SOLELY THE CONTRACTORS RESPONSIBILITY UNDER THE CONTRACT FOR CONSTRUCTION).
- EACH CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY BRACING, SHORING, GUYING, OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS ASSOCIATED WITH WORK IN PLACE DURING CONSTRUCTION.
- PROVIDE PORTABLE FIRE EXTINGUISHERS DURING CONSTRUCTION AS REQUIRED BY LOCAL CODES.
- SPRINKLER SYSTEM: INSTALL FULL BUILDING SPRINKLER SYSTEM IN COMPLIANCE WITH THE REQUIREMENTS OF NFPA 13. SHOP DRAWINGS MUST BE APPROVED BEFORE INSTALLATIONS. PROVIDE OWNER WITH 2 COPIES OF PERMIT SETS.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR MEETING THE REQUIREMENTS OF ALL CURRENT APPLICABLE BUILDING CODES AND ENFORCEMENT AGENCIES. FIRE MARSHALL, OR ANY OTHER BUILDING CODE ENFORCEMENT OFFICER AT NO EXTRA COST TO THE OWNER. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES PRIOR TO SUBMITTING A BID FOR THE PROJECT.
- BASE BID SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

**SYMBOL INDEX:**

- ADMIN ROOM NAME
- ROOM NUMBER
- DOOR MARKNUMBER
- WINDOW MARKNUMBER
- WALL SECTIONS/SHEET NUMBER
- BUILDING SECTIONS/SHEET NUMBER
- ELEVATION TARGET/SHEET NUMBER
- DETAIL NUMBER/SHEET NUMBER
- CEILING HEIGHT
- FIRE EXTINGUISHER
- 2x4 FLUORESCENT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- RECESSED LIGHT DOWN FIXTURE

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AA26001615

AILEEN S BIRSE  
REG.#79

**PAYCHEX**  
1450 CENTREPARK  
1450 CENTREPARK DR #150  
WEST PALM BEACH, FL  
PROJECT NUMBER 14511

**REVISIONS**  
1 08/16/11 OWNER  
2 08/17/11 TENANT  
3  
4  
5

**DRAWN BY ASB**  
CD  
08/17/11

