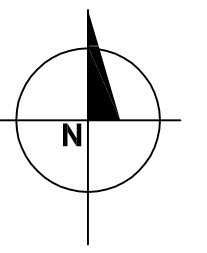
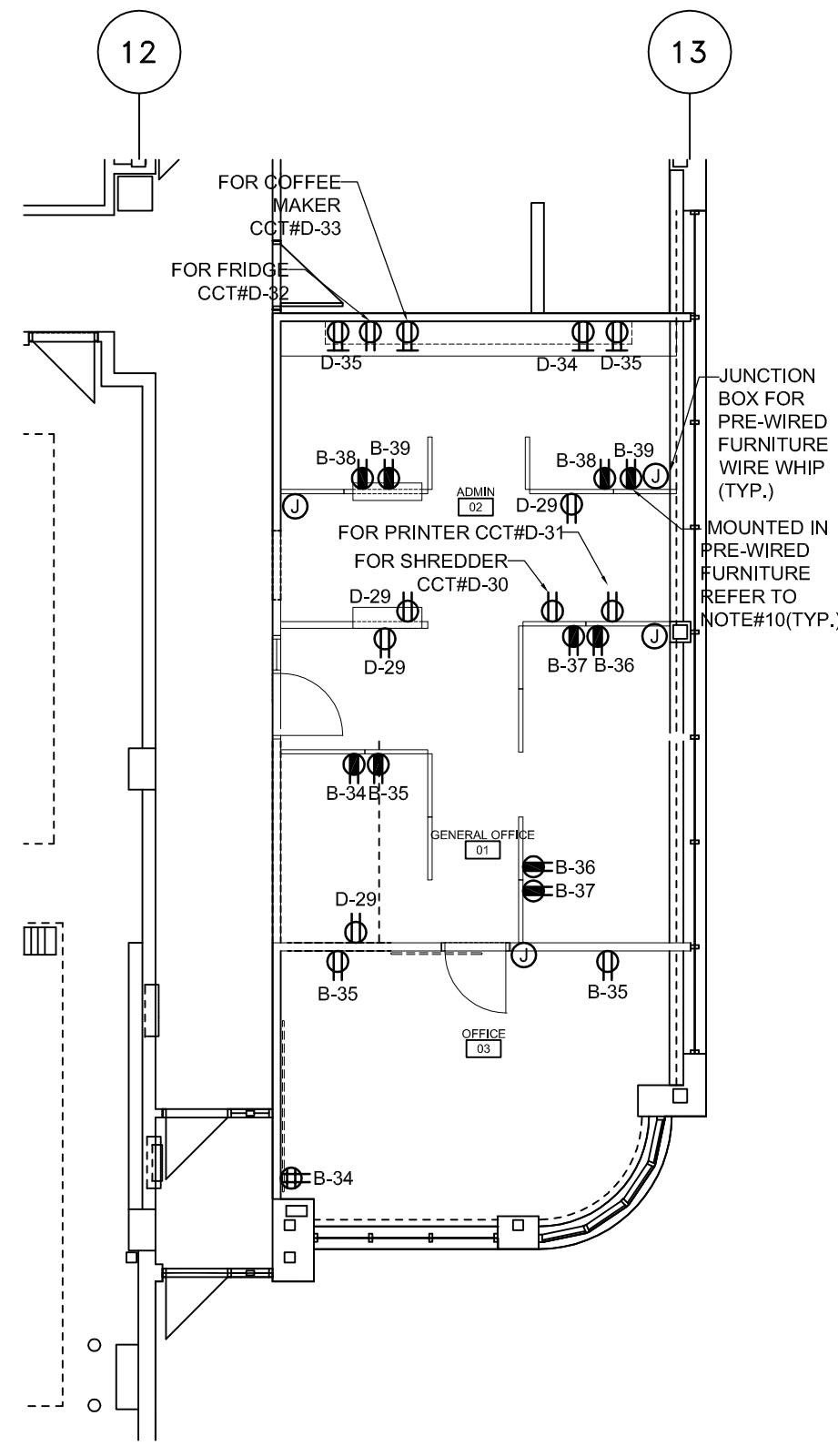


This drawing shall not be scaled. Follow given dimensions only.

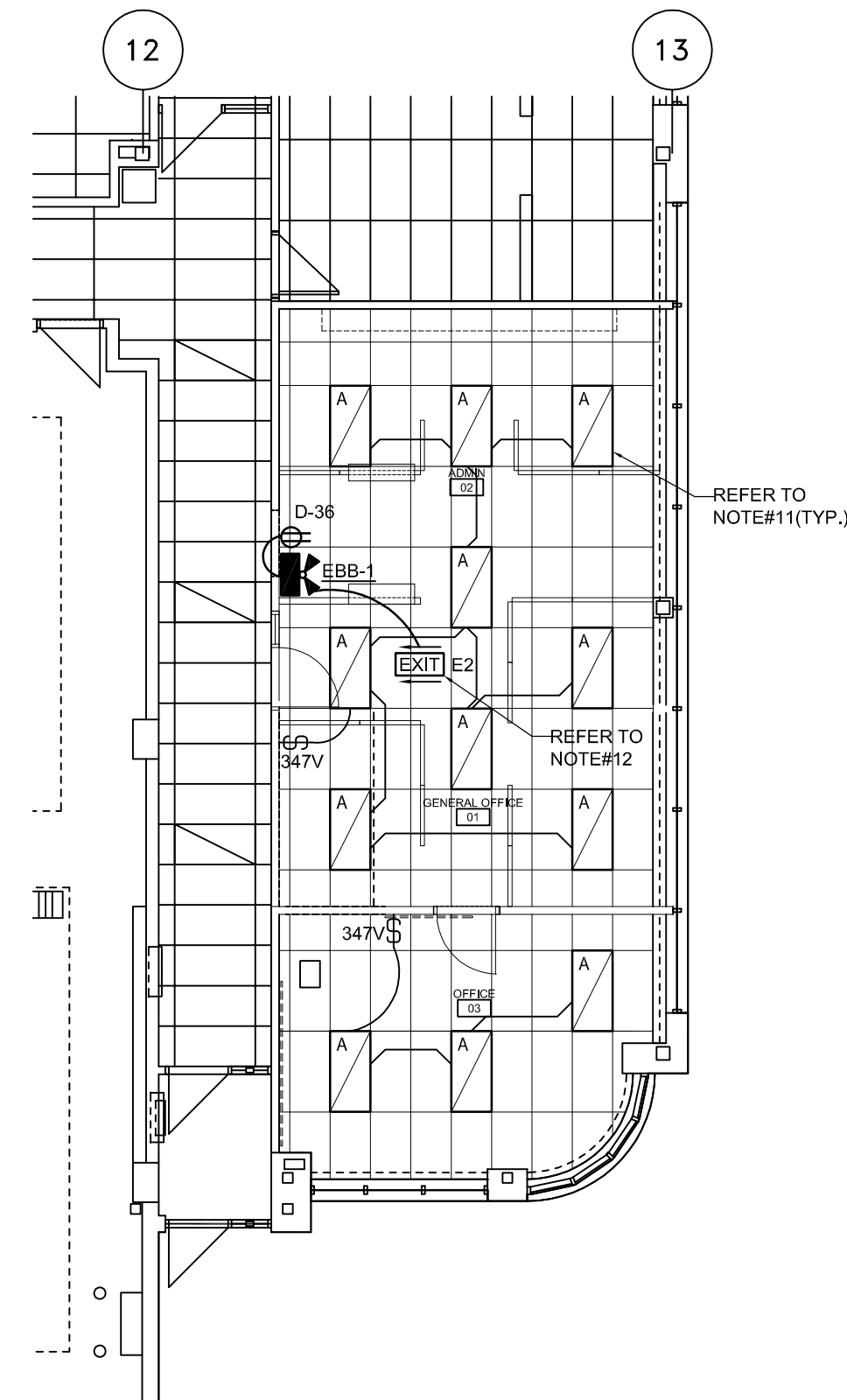


GENERAL NOTES:

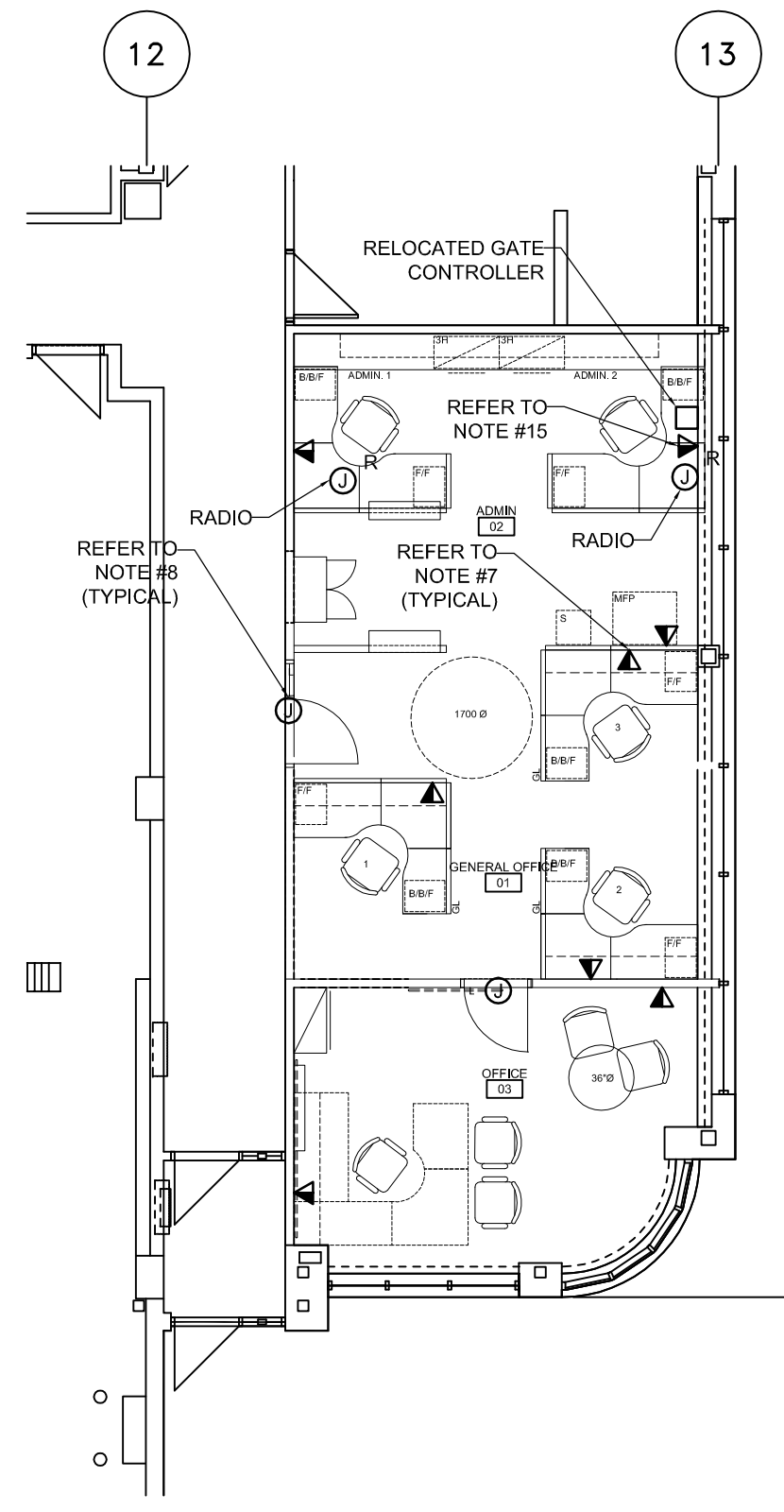
- ELECTRICAL SUBCONTRACTOR TO PROVIDE TYPEWRITTEN UPDATED PANELBOARD SCHEDULE/DIRECTORIES OF ALL EXISTING PANELS AFFECTED BY THIS RENOVATION.
- ELECTRICAL ITEMS SHOWN DOTTED ARE EXISTING AND SHALL REMAIN OR BE RELOCATED AS NOTED, EXTEND WIRING FOR ALL RELOCATED ITEMS.
- PAINT ALL JUNCTION BOXES TO MATCH EXISTING COLOUR CODING OF BUILDING SYSTEMS.
- ALL EXISTING TO REMAIN RECEPTACLES TO BE REPLACED WITH NEW WIRING DEVICE AND NEW STAINLESS STEEL COVERPLATES.
- RECEPTACLES TO BE FLUSH MOUNTED IN MILLWORK, REFER TO ARCHITECTURAL FOR RECEPTACLE LOCATIONS AND MOUNTING HEIGHTS, COORDINATE ALL WORK WITH MILLWORK SUBCONTRACTOR PRIOR TO ROUGH-IN.
- SUPPLY AND INSTALL TWO NEW FIRE ALARM SMOKE DETECTORS TO MATCH EXISTING, WIRE AND CONNECT TO LOCAL FIRE ALARM INITIATING CIRCUIT BACK TO EXISTING SIMPLEX 4002 FIRE ALARM PANEL, CONFIRM EXISTING ON SITE.
- PROVIDE 2xCAT5e CABLES TO EACH LOCATION AS INDICATED IN THE PLAN ORIGINATING FROM THE EXISTING COMMUNICATIONS RACK, USE EXISTING AVAILABLE PATCH PANEL, PROVIDE RJ45 JACK, FACEPLATE AND TERMINATE LABELS AT BOTH ENDS, PROVIDE CABLE TEST RESULTS.
- PROVIDE 27mm EMT CONDUIT AND 100mm x 100mm x 65mm DEVICE BOX C/W SINGLE GANG PLASTERING IN WALL STUBBED UP TO CEILING FOR FUTURE GARD ACCESS, USE FT-4 RATED CABLE WHEN INSTALLED IN PLENUM SPACE ARE NOT IN CONDUIT, USE FT-4 RATED CABLES FOR OTHER INSTALLATION, ALL EMT CONDUIT TO BE GROUNDED BACK TO TELECOMMUNICATIONS GROUNDING BUS BAR, USE J-HOOK FOR ALL CABLE INSTALLATION LOCATED IN T-BAR CEILING SPACE, J-HOOK TO MAXIMUM 1200mm.
- CIRCUIT NUMBERS SHOWN ARE INDICATED FOR ALLOCATION PURPOSES ONLY, ELECTRICAL SUBCONTRACTOR TO REVISE CIRCUIT NUMBERS ON SITE AND PROVIDE REVISED TYPEWRITTEN PANELBOARD SCHEDULE.
- RECEPTACLES TO BE SUPPLIED AND INSTALLED BY FURNITURE SUPPLIER, ELECTRICAL SUBCONTRACTOR TO WIRE AND CONNECT TO WIRE WHIP, CONFIRM WHIP CONFIGURATION WITH FURNITURE SUPPLIER, COORDINATE ALL WORK WITH FURNITURE SUPPLIER, FURNITURE TO BE COMPLETE WITH BASE FEED WIRE WHIP.
- SUPPLY AND INSTALL NEW TYPE 'A' LUMINAIRES, WIRE AND CONNECT TO EXISTING LOCAL AREA LIGHTING CIRCUIT, CONFIRM EXISTING ON SITE.
- SUPPLY AND INSTALL NEW RED EXIT SIGN, TO MATCH EXISTING, WIRE AND CONNECT TO EXISTING LOCAL AREA EXIT SIGN CIRCUIT AND EBB-1 USING 2#12AWG RW90 Cu, CONFIRM EXISTING ON SITE.
- RE-USE EXISTING CIRCUIT BREAKER IN EXISTING PANEL 'B' THAT HAVE BEEN MADE AVAILABLE DUE TO DEMOLITION WORK, ELECTRICAL SUBCONTRACTOR TO VERIFY CONDITION OF ALL RE-USED CIRCUIT BREAKERS AND REPLACE ALL FAULTY ONES ON PANEL 'B' AND 'D' WITH NEW, CONFIRM ON SITE.
- FINAL QUANTITY OF RE-USED CIRCUITS IN PANEL 'B' TO BE CONFIRMED ON SITE, ALLOW FOR RE-ALLOCATION OF CIRCUITS TO PANEL 'D'.
- DATA OUTLETS ARE TO BE LOCATED WITHIN FURNITURE WALLS, PROVIDE WIRING, TERMINATIONS, COVERPLATES, JACKS, ETC, WITHIN FURNITURE WALLS, CONFIRM ALL WORK WITH FURNITURE SUPPLIERS.
- PROVIDE COMPLETE FIRE ALARM VERIFICATION REPORT FOR ALL AFFECTED CIRCUITS WITHIN AND OUTSIDE AREA OF RENOVATION.
- SUPPLY AND INSTALL NEW 10" FIRE ALARM BELL AND NECESSARY HARDWARE TO MATCH EXISTING, WIRE AND CONNECT TO EXISTING FIRE ALARM LOOP IN THE AREA.



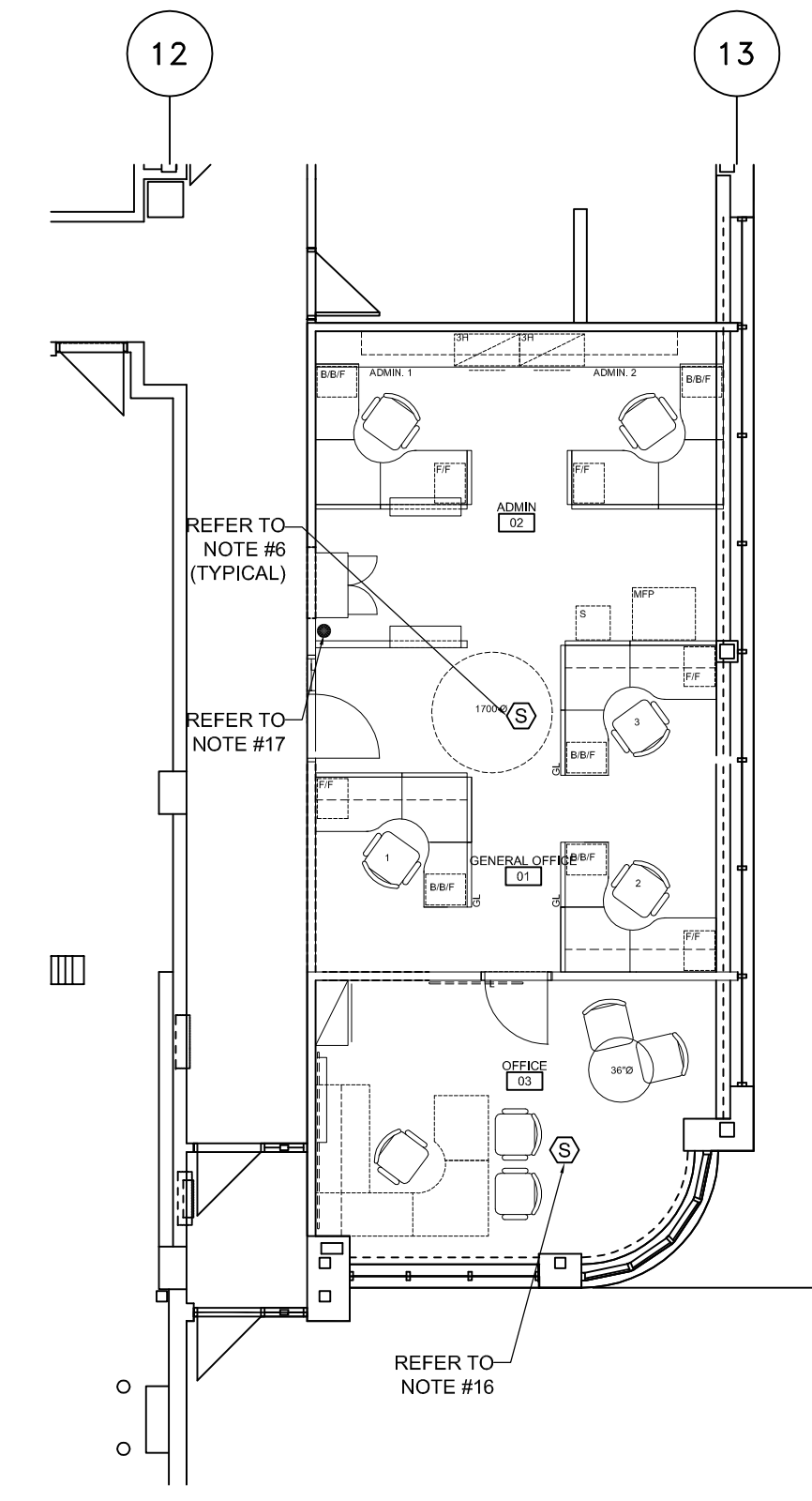
1 POWER NEW CONSTRUCTION PLAN
E-2 1:100



2 LIGHTING NEW CONSTRUCTION PLAN
E-2 1:100



3 TELECOMS NEW CONSTRUCTION PLAN
E-2 1:100



4 FIRE ALARM SYSTEM NEW CONSTRUCTION PLAN
E-2 1:100

EXISTING PANELBOARD DIRECTORY PANEL 'B'							
ITEM	LOAD (kW)	OCP	C	C	ITEM	LOAD	OCP
EXISTING			1	22	EXISTING		
EXISTING			2	23	EXISTING		
EXISTING			3	24	EXISTING		
EXISTING			4	25	EXISTING		
EXISTING			5	26	EXISTING		
EXISTING			6	27	EXISTING		
EXISTING			7	28	EXISTING		
EXISTING			8	29	EXISTING		
EXISTING			9	30	EXISTING		
EXISTING			10	31	EXISTING		
EXISTING			11	32	EXISTING		
EXISTING			12	33	EXISTING		
EXISTING			13	34	WORKSTATIONS (x2)	1.0	15A
EXISTING			14	35	REC'S (x3)	0.6	15A
EXISTING			15	36	WORKSTATIONS (x2)	1.0	15A
EXISTING			16	37	REC'S (x2)	0.4	15A
EXISTING			17	38	WORKSTATIONS (x2)	1.0	15A
EXISTING			18	39	REC'S (x2)	0.4	15A
EXISTING			19	40	SPACE		
EXISTING			20	41	SPACE		
EXISTING			21	42	SPACE		

NOTES:
1. RE-USE EXISTING CIRCUIT BREAKERS MADE AVAILABLE BY DEMOLITION, CONFIRM EXISTING ON SITE.
MOUNTING: SURFACE
RATING: 225A, 120/208V/3Ø/4W

EXISTING PANELBOARD DIRECTORY PANEL 'D'							
ITEM	LOAD (kW)	OCP	C	C	ITEM	LOAD	OCP
EXISTING			1	22	EXISTING		
EXISTING			2	23	EXISTING		
EXISTING			3	24	EXISTING		
EXISTING			4	25	EXISTING		
EXISTING			5	26	EXISTING		
EXISTING			6	27	EXISTING		
EXISTING			7	28	EXISTING		
EXISTING			8	29	REC'S (x3) ADMIN 02	0.6	15A
EXISTING			9	30	SHREDDER	1.0	15A
EXISTING			10	31	PRINTER	0.4	20A
EXISTING			11	32	FRIDGE	1.0	15A
EXISTING			12	33	COFFEE MAKER	0.4	15A
EXISTING			13	34	COUNTER REC'S (x1)	0.25	15A
EXISTING			14	35	COUNTER REC'S (x2)	0.5	15A
EXISTING			15	36	EBB-1	0.1	15A
EXISTING			16	37			
EXISTING			17	38			
EXISTING			18	39			
EXISTING			19	40			
EXISTING			20	41			
EXISTING			21	42			

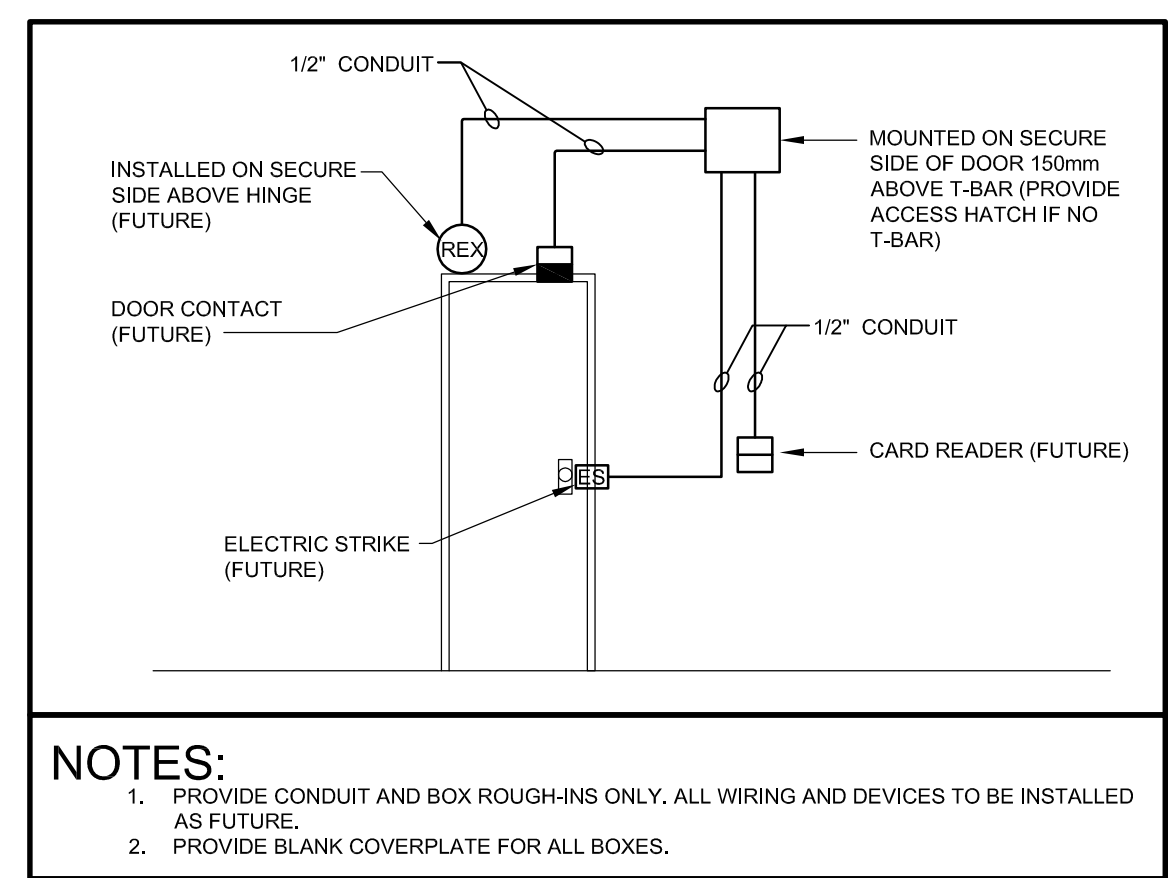
NOTES:
1. PROVIDE LOCKING DEVICES FOR CIRCUIT 36, BREAKER TO BE PAINTED RED.
MOUNTING: SURFACE
RATING: 225A, 120/208V/3Ø/4W

EMERGENCY LIGHTING BATTERY BANK SCHEDULE						
TYPE	MANUFACTURER	CATALOGUE NUMBER	WATTAGE	CIRCUIT NUMBER	LOCATION	LAMPS
EBB-1	LUMACELL	RG125-36-2-LD9-A-CT-TL-AT	36W	D-36	ADMIN 02	2x5W LED
	AIMLITE	EBST-12-36-2MB-6LA-WHT-ATD-AMP-CAB-TLP				2x6W LED
	BEGHELLI	NV-12-36-8TMR2-5W-12V-LAD-TLP-CT-AT-A				2x5W LED

NOTES:
1. ALL WIRING TO BE EMT CONDUIT 21mm CONDUIT C/W MINIMUM #12 AWG Cu WIRING, CONFIRM WIRE SIZES WITH DISTANCES PER MANUFACTURER'S RECOMMENDATIONS.
2. ADJUST LIGHTING HEADS TO PROPERLY ILLUMINATE EGRESS ROUTE.

LUMINAIRE SCHEDULE							
TYPE	MANUFACTURER	CATALOGUE NUMBER	LAMPS	WATTS	LUMINAIRE STYLE	VOLTAGE	COMMENTS
A	CREE	ZR24-40L-35K-34-10V		44W	LAY-IN TROFFER	347V	
	LITHONIA	2ALL4-40L-347-E21-LP835K	LED 3500K	32W			
	COOPER	24CZ-LD4-40-347V-L835-CD-1		33.4W			
E-2	LUMACELL	LMCE-UN		3W	DOUBLE FACE RED EXIT SIGN	6-24VDC 120-347VAC	
	AIMLITE	EXST-2-M-WHT-UNVDC	LED	2W			
	BEGHELLI	SL-E-L-R-2-M-UDC		1.9W			

NOTES:
1. ALL LUMINAIRES, BALLASTS, LAMPS ETC, TO BE CSA APPROVED.
2. ALL BALLASTS AND DRIVER CUTSHEETS MUST BE INCLUDED WITH EACH LUMINAIRE SHOP DRAWING.
3. PROVIDE ALL REQUIRED MOUNTING KIT/HARDWARE FOR ALL CEILING/WALL TYPES.
4. ELECTRICAL SUBCONTRACTOR TO SUBMIT ENTIRE LIGHTING INSTALLATION FOR MANITOBA HYDRO POWER SMART REBATE PROGRAM ON BEHALF OF THE CITY, ALL REBATES TO BE MADE PAYABLE TO THE CITY.



5 DOOR ROUGH-IN DETAIL
E-2 NTS

NOTE: THIS DRAWING SUPERCEDES ALL PREVIOUSLY ISSUED DRAWINGS.

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1220 PACIFIC AVENUE OFFICE RENOVATION
1220 PACIFIC AVE. WINNIPEG MANITOBA
DRAWING TITLE
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