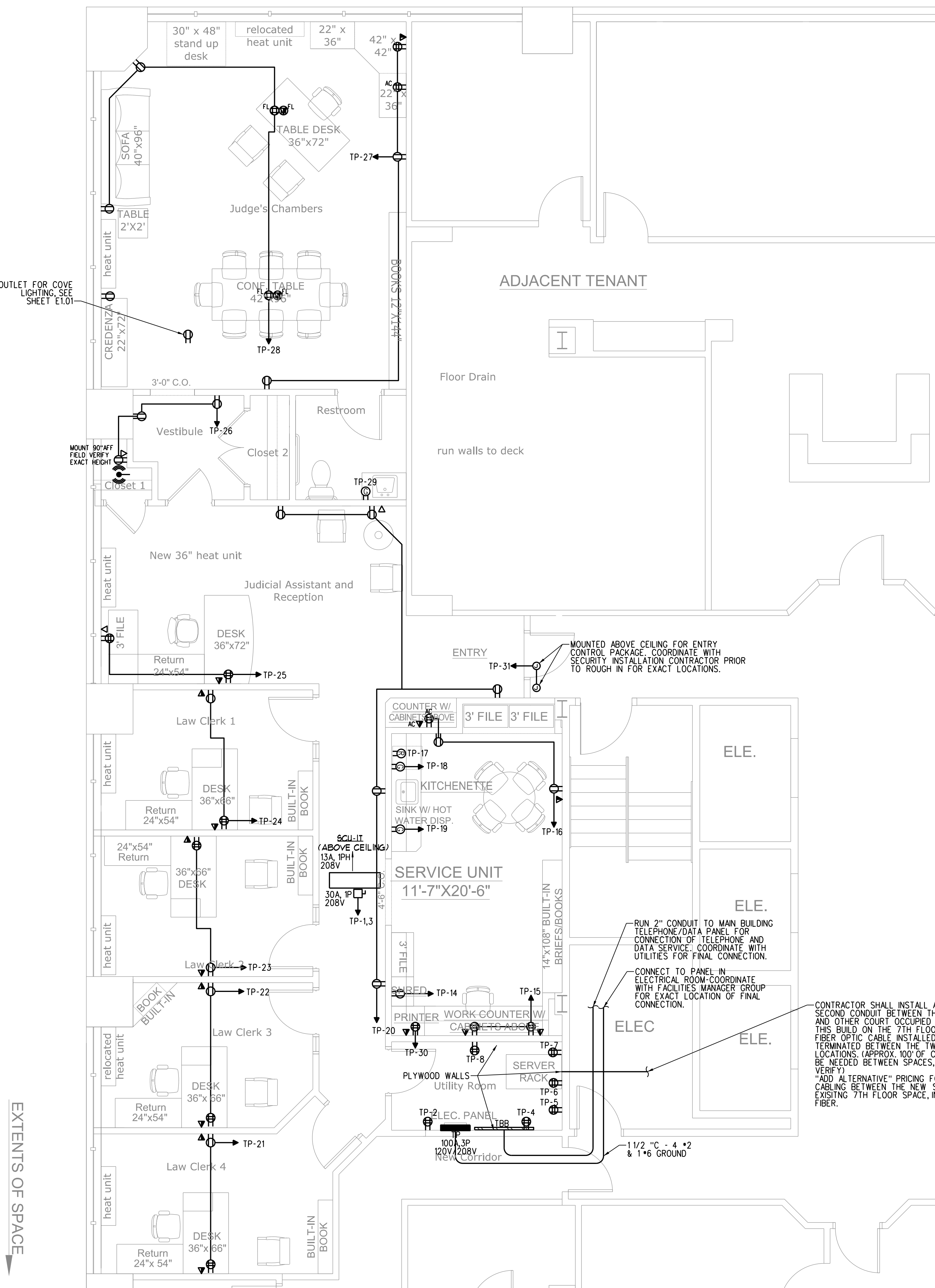


EXTENTS OF SPACE



EXTENTS OF SPACE

PANEL TP (UTILITY ROOM) 120/208 3PH 4W 100 AMP BUS - MCB 42K AIC NEMA TYPE 1 (RECESSED)

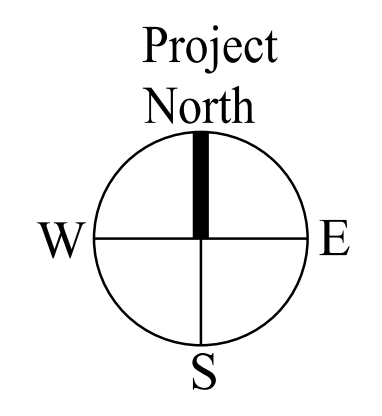
CKT #	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
1	SCU-T SPLIT SYSTEM FOR UTILITY ROOM	15	15	1				2	UTILITY ROOM DEDICATED QUAD	20	20	1	3	1.00	3
3								4	UTILITY ROOM DEDICATED QUAD	20	20	1	3	1.00	3
5	UTILITY ROOM DEDICATED QUAD	20	20	1	3	1.00	3	6	UTILITY ROOM DEDICATED QUAD	20	20	1	3	1.00	3
7	UTILITY ROOM DEDICATED QUAD	20	20	1	3	1.00	3	8	UTILITY ROOM DEDICATED QUAD	20	20	1	3	1.00	3
9	LIGHTING-JUDGES CHAMBERS	20	20	1	7	1.00	7	10	LIGHTING-VESTIBULE/BATHROOM	20	20	1	3	1.00	3
11	LIGHTING-ENTRY/RECEPTION/HALLWAY	20	20	1	3	1.00	3	12	LIGHTING-LAW CLERK 1-4	20	20	1	4	1.00	4
13	LIGHTING-KITCHETTE/UTILITY ROOM	20	20	1	3	1.00	3	14	SHREDDER	20	20	1	5	0.50	3
15	WORK COUNTER	20	20	1	5	0.50	3	16	KITCHETTE GENERAL OUTLETS	20	20	1	6	0.50	3
17	KITCHETTE REFRIGERATOR	20	20	1	14	1.00	14	18	KITCHETTE GFI OUTLETS	20	20	1	2	0.50	1
19	KITCHETTE-GFI OUTLET-MICROWAVE	20	20	1	15	0.50	8	20	HALLWAY/ENTRY/RECEPTION OUTLETS	20	20	1	9	0.50	5
21	LAW CLERK 4	20	20	1	5	0.50	2	22	LAW CLERK 3	20	20	1	5	0.50	2
23	LAW CLERK 2	20	20	1	5	0.50	2	24	LAW CLERK 1	20	20	1	5	0.50	2
25	JUDICIAL ASSISTANT	20	20	1	6	0.50	3	26	VESTIBULE/CLOSET WIFI	20	20	1	5	0.50	3
27	JUDGES CHAMBER OUTLETS	20	20	1	6	0.50	3	28	JUDGES CHAMBERS OUTLETS	20	20	1	9	0.50	5
29	JUDGES RESTROOM-GFI	20	20	1	2	0.50	1	30	PRINTER	20	20	1	5	0.50	3
31	DOOR ENTRY/SECURITY	20	20	1	5	1.00	5	32	SPARE	20	20	1			0
33	SPARE	20	20	1			0	34	SPARE	20	20	1			0
35	SPARE	20	20	1			0	36	SPARE	20	20	1			0
37	SPARE	20	20	1			0	38	SPARE	20	20	1			0
39	SPARE	20	20	1			0	40	SPARE	20	20	1			0
41	SPARE	20	20	1			0	42	SPARE	20	20	1			0

LOCATION: UTILITY ROOM

AF - Amp Frame
 AT - Amp Trip
 P - Poles
 A - Amps
 CA - Connected Amperes
 DF - Demand Factor (1 - .1)
 DA - Demand Amperes
 MLO - Main Lug Only
 MCB - Main Circuit Breaker

Section 1
 Tot Amps/PH - Connected Load 58.53
 Demand Factor 74%
 Total Amps/PH - Demand 43.11
 Connected KVA 21.06
 Demand KVA 15.51
 Min. Panel Size (Demand x 1.25) - Amps 53.89
 Panel Size (Demand x 1.56) - Amperes 67.25

1 SIXTH FLOOR POWER PLAN
 SCALE: 1/4"=1'-0"



Prepared For:

Consulting Engineer:

Architect:

Project:

Revisions:

Date:

Scale:

Project North

SIXTH FLOOR POWER PLAN

E1.02



GSA- FEDERAL
 JUDGE- 6th FLOOR
 2 MONUMENT SQUARE
 PORTLAND, MAINE