



• LIVE

 JUMAT,
23 JUNI 2023 FROM 15.00
TO 17.00 WIB

BAGAIMANA SEORANG INTERIOR DESAINER MEMILIH MATERIAL AKUSTIK?

Manfaat

- Wawasan baru
- Ilmu yang bermanfaat
- Relasi baru
- E-Sertifikat

Link Pendaftaran:

<https://bit.ly/WebinarAcourete26>

••• GRATIS PENDAFTARAN!! •••

#REVOLUTIONARYMOVEMENT

Poin Pembahasan

- Aspek-aspek akustik yang memengaruhi ruangan.
- Jenis-jenis material akustik.
- Bagaimana seorang interior desainer memilih material akustik yang tepat untuk ruangan yang dirancangnya.

Join Meeting:



Bagaimana *Desainer Interior* Memilih *Material Akustik*

perencanaan akustik bagi desain interior?

1. Pengurangan polusi suara (luar & dalam)
2. Menciptakan lingkungan dalam ruangan yang nyaman.
3. Fungsi ruang menjadi optimal

desain interior adalah desain kolaboratif & *integrated*

Fungsi ruang akan menjadi optimal untuk memenuhi kebutuhan pemakai, melalui pemilihan spesifikasi material yang tepat untuk plafon, dinding / partisi dan didukung dengan pemilihan finish lantai, sehingga akan menghasilkan desain akustik (aplikasi pada 4 bidang ruang) tepat guna.

Hasil perencanaan akustik secara khusus, akan berkolaborasi dengan perencanaan lainnya seperti MEP, Lighting secara umum akan menjadi keberhasilan suatu desain interior secara keseluruhan.

Desain interior sangat membutuhkan ahli akustik, untuk beberapa hal:

1. Insulasi suara

meminimalkan transmisi kebisingan dari sumber luar, seperti lalu lintas, konstruksi, atau kegiatan industry (kantor di pabrik).

2. Kontrol kebisingan interior

untuk menyediakan lingkungan dalam ruang kerja yang nyaman dan produktif, agar tidak terjadi gema dan mencegah suara memantul dan mengontrol kebisingan dalam / antar ruang.

Desainer interior sangat membutuhkan ahli akustik, untuk beberapa hal:

3. Kebisingan sistem HVAC

Sistem pendingin udara (HVAC), pemanas, ventilasi, dan dapat menimbulkan kebisingan yang memengaruhi kenyamanan pemakai. Pemilihan, pemasangan, dan pemeliharaan peralatan yang tepat penting untuk meminimalkan tingkat kebisingan.

4. Kontrol kebisingan eksterior

penempatan strategis antar ruang interior dan beberapa ruang khusus yang membutuhkan tingkat persyaratan akustik yang berbeda.

akustik dalam desain interior - 1

(acoustic from interior designer perspective)

- Konsultan desain interior /desainer interior *bertanggung jawab* atas semua detail bangunan, termasuk interior.
- desainer interior *adalah profesi* yang merawat, melindungi, dan menopang kehidupan manusia dalam lingkungan yang sehat, hijau, dan aman.
- *Klasifikasi ruang interior* dapat mengarah pada pemahaman yang lebih baik tentang peran desain akustik untuk berhasil dalam fungsi ruang.
- Masing-masing kategori ruang yang terbentuk termasuk penempatannya membutuhkan kombinasi khusus dari skema materialitas yang menyeimbangkan antara sifat fisik dan kuantitasnya untuk menyediakan lingkungan akustik yang memadai.

akustik dalam desain interior - 2

(acoustic from interior designer perspective)

- Mengeksplorasi pentingnya studi akustik untuk tata letak desain interior
- Lingkungan akustik adalah aplikasi desain interior dari perilaku suara di dalam interior dan reaksi fisik yang berbeda pada fungsi manusia dan efek psikologis secara tepat.
- Haruskah kita menganggap akustik sebagai ilmu teknik atau sebagai elemen arsitektural atau sebagai aplikasi desain interior?

- **Akustik bangunan** menghadapi beberapa konstren /kendala: tren desain modern, jenis material, sistem mekanis pada bangunan (integrated building systems), dan tingkat kebisingan di sekitarnya.
- **Teknik akustik** adalah cabang teknik yang berhubungan dengan suara dan getaran, pada aspek fisiknya.
- **Bahan bangunan** menjadi ekonomis dalam hal sifat struktural yang mendukung penghematan ruang dan biaya, sehingga perencanaan akustik dituntut lebih tinggi/kompleks

Green Building Acoustic Material Criteria



Min. 40%
Untuk memenuhi Green
Building Grade.

Tergantung jenis proyek &
Pemberi Tugas, jika harus
menggunakan material import



Recycled content
certified



Ecolabel certified (source:
<https://business.yougov.com/content/42187-ecolabels-indonesia-consumer-awareness>)



Tidak mengandung
bahan berbahaya,
seperti VOC (Volatile
Organic Compound), dll

klasifikasi proyek desain interior
sebagai *constraint* perencanaan akustik

1. fasilitas umum

- a. Stadion olahraga khusus
- b. Stadion Multi Fungsi (konser music, exhibition, event khusus)
- c. Opera House
- d. Function Hall
- e. Terminal Bandara (boarding lounge umum & eksekutif)
- f. Rumah Sakit

2. Gedung Negara

- a. Istana Presiden
- b. Gedung Kementerian
- c. Gedung Sidang (MPR & DPR)
- e. dll

3. GEDUNG PERKANTORAN

Building Public Facilities:

- Ballroom / Multifunction / Rg. Serbaguna
- Meeting Rooms
- Fitness Center
- Day Care / Kids Club
- Podcast
- Foodcourt, open seating lounge dll

3. RUANG KERJA & FASILITAS PENDUKUNG

a. Umum / Operasional

- Rg. Kerja staf terbuka
- Rg. Kerja staf tertutup
- Rg. Rapat tertutup (besar & kecil)
- Rg. Diskusi terbuka
- Workspace
- Colaboration area
- Rg. Training
- Breakout

b. Ruang / Area Eksekutif

- Rg. Kerja tertutup
- Rg. Rapat BOD
- Lounge tertutup & terbuka

4. HOSPITALITY

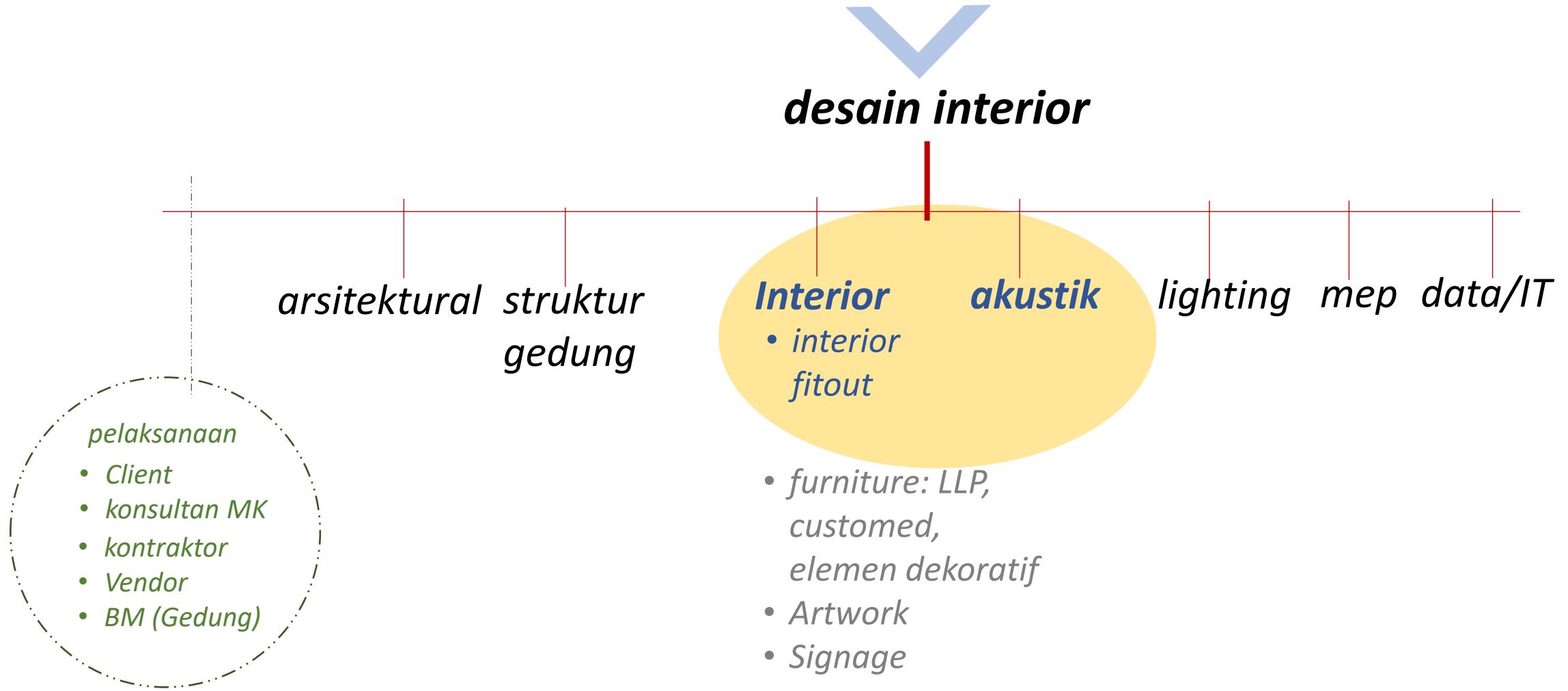
- a. Ballrooms
- b. Meeting Rooms
- c. Executive / private lounge / room
- d. Restaurant
- e. Coffee shops, Bar

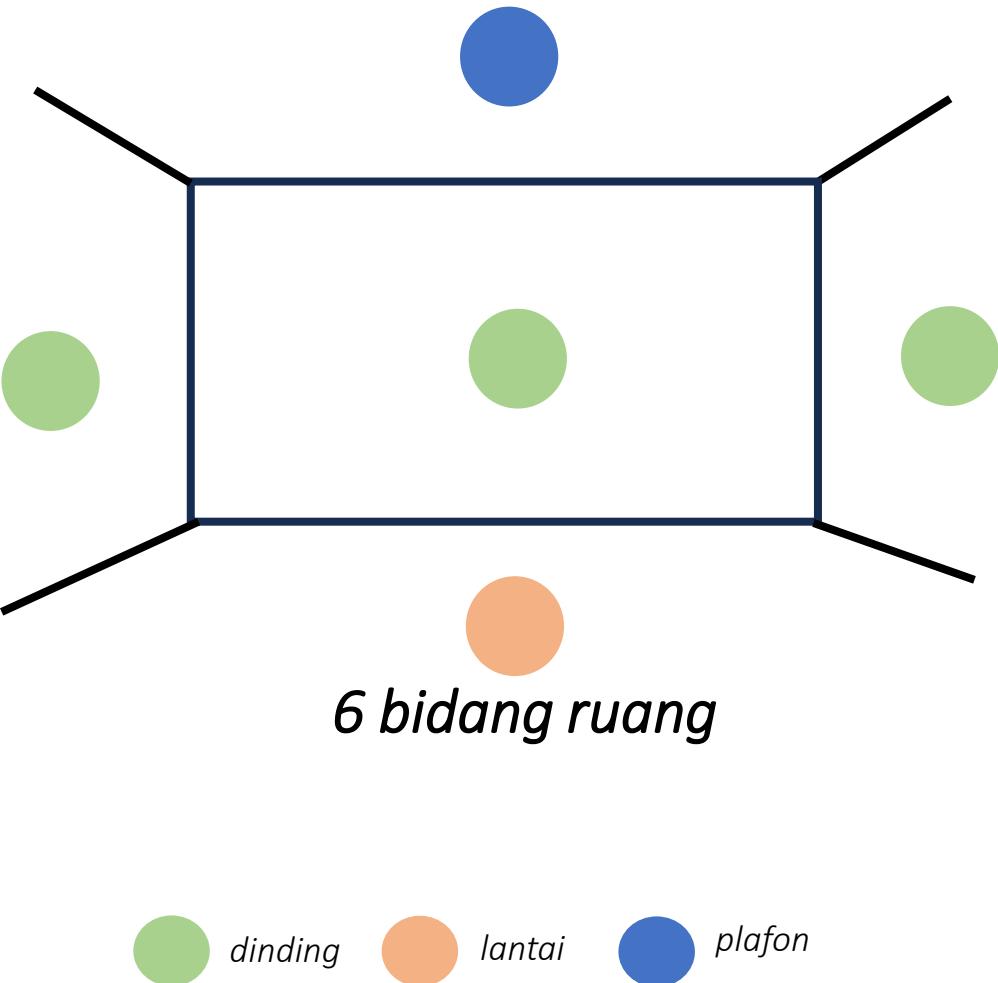
- f. F & B CAFÉ
- g. Music Café & Bar

5. RUMAH TINGGAL

- a. Kamar Tidur Utama & keluarga
- b. Ruang Tamu
- c. Home theater
- d. Music studio / entertainment lounge

desain interior adalah **desain terintegrasi & kolaboratif**





plafon

*gypsum bd. acous. Ceiling & perforated acous ceiling
(seamless tiles)
acous. plaster*

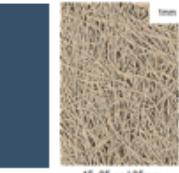
dinding

*padded acous. panel
insulated double glazed partition
double gypsum bd partition w/
glasswool insulation
acous. plaster*

Lantai

*carpet tile,
broadloom carpet
(vinyl tile)*

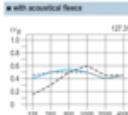
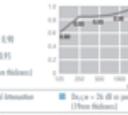
acoustic wall finish - material outline spesifikasi

MATERIAL OUTLINE SPESIFIKASI							FIT OUT	
PROYEK KLIEN LOKASI TANGGAL								
PANEL AKUSTIK								
Kode	Referensi	Spesifikasi Teknis & Deskripsi	Supplier / Vendor	Gambar	Lokasi	Aplikasi		
					LAHTAI	DINDING	PLAFON	LAINNYA
AP-1	PANEL AKUSTIK TIPE 1	ACOUSTICAL FABRIC PANEL Total: 15 mm, 25 mm, 35 mm Ukuran: 600 x 600 / 625 x 625 / 1200 x 1200, 1250 x 625 Weight: 7.5 - 15.5 kg / m ² HRC: 1.1H EX. ARMSTRONG OPTIWALL FINISHING: WOVEN FIBREGLASS FABRIC WARNA : GREY <small>(Klik untuk melihat detail teknis)</small>	by Contractor		PRESS CONFERENCE MEDIA WORK ROOM VVIP BOX LT3 ROYAL BOX VIP LOUNGE VVIP LOUNGE			
AP-2	PANEL AKUSTIK TIPE 2	WOOLWool ACOUSTIC PANEL Total: 15 mm, 25 mm, 35 mm Ukuran: 600 x 600 / 625 x 625 / 1200 x 1200, 1250 x 625 Weight: 7.5 - 15.5 kg / m ² HRC: 1.1H EX. KRAFT REDESIGN SUPERFINE FINISHING: WATERBASED PAINT WARNA : BLUE <small>(Klik untuk melihat detail teknis)</small>	by Contractor	 	15, 25 and 35mm	PRESS CONFERENCE		
AP-3	PANEL AKUSTIK TIPE 3	ACOUSTICAL FABRIC PANEL Total: 15 mm, 25 mm, 35 mm Ukuran: 600 x 600 / 1200 x 1200 Weight: 7.5 - 15.5 kg / m ² HRC: 1.1H EX. ARMSTRONG OPTIWALL FINISHING: FABRIC WARNA : MOCHA 391 <small>(Klik untuk melihat detail teknis)</small>	by Contractor		Mocha 391	CHANGING ROOM VVIP BOX LT3 ROYAL BOX		
AP-4	PANEL AKUSTIK TIPE 4	WOOLWool ACOUSTIC PANEL Total: 15 mm, 25 mm, 35 mm Ukuran: 600 x 600 / 625 x 625 / 1200 x 1200, 1250 x 625 Weight: 7.5 - 15.5 kg / m ² HRC: 1.1H EX. KRAFT REDESIGN SUPERFINE CREATIVE EFFECT FINISHING: WATERBASED PAINT WARNA : WHITE <small>(Klik untuk melihat detail teknis)</small>	by Contractor	 	HOLDING ROOM			
		NATURAL STONE PT VR CEILING AKUSTIK PANEL GLASS TOILET CUBICLE						

acoustic wall finish - material outline spesifikasi

AP-5	PANEL AKUSTIK TIPE 5	ACOUSTICAL FABRIC PANEL Total: 15 mm, 25 mm, 35 mm Ularas: 600 x 600 / 625 x 625 / 1200 x 600, 1250 x 625 Weight: 7.0 - 16.5 kg / m ² HRC: 4.0E EX. ARMSTRONG OPTRAWALL FINISHING: WOVEN FIBREGLASS FABRIC WARNA : GREY <small>(600x600mm, 1200x600mm)</small>	by Contractor		CHANGING ROOM		
AP-6	PANEL AKUSTIK TIPE 6	WOODWOOL ACOUSTIC PANEL Total: 15 mm, 25 mm, 35 mm Ularas: 600 x 600 / 625 x 625 / 1200 x 600, 1250 x 625 Weight: 7.0 - 16.5 kg / m ² HRC: 4.0E EX. KARF HERADESIGN SUPERFINE FINISHING : WATERBASED PAINT WARNA : CUSTOM PATTERN <small>(600x600mm, 1200x600mm)</small>	by Contractor		VIP LOUNGE VIP LOUNGE		
AP-7	PANEL AKUSTIK TIPE 7	WOODWOOL ACOUSTIC PANEL Total: 15 mm, 25 mm, 35 mm Ularas: 600 x 600 / 625 x 625 / 1200 x 600, 1250 x 625 Weight: 7.0 - 16.5 kg / m ² HRC: 4.0E EX. KARF HERADESIGN SUPERFINE FINISHING : WATERBASED PAINT WARNA : DARK GREY <small>(600x600mm, 1200x600mm)</small>	by Contractor	 15, 25 and 35mm	ROYAL BOX		
AP-8	PANEL AKUSTIK TIPE 8	ACOUSTICAL FABRIC PANEL Total: 15 mm, 25 mm, 35 mm Ularas: 600 x 600 / 625 x 625 / 1200 x 600, 1250 x 625 Weight: 7.0 - 16.5 kg / m ² HRC: 4.0E EX. ARMSTRONG OPTRAWALL FINISHING: WOVEN FIBREGLASS FABRIC WARNA : LIGHT GREY/DY <small>(600x600mm, 1200x600mm)</small>	by Contractor		VIP BOX		

acoustic ceiling finish - material outline spesifikasi

AC-2	ACOUSTIC CEILING TYPE 2	PERFORATED ACOUSTIC GYPSUM PLASTERBOARD Tebal: 12,5 mm, berat: 8,5 kg/m ² Ukuran: 1200 x 1275 mm, 8/15/28 R Type lep: 45K Ratio preferensi: 3,3X  Depth of construction 60 mm $\alpha_{100} = 0,15$ $\alpha_{250} = 0,25$ $\alpha_{500} = 0,45$ $\alpha_{1000} = 0,65$ $\alpha_{2000} = 0,85$ $\alpha_{4000} = 0,95$ Depth of construction 100 mm $\alpha_{100} = 0,25$ $\alpha_{250} = 0,45$ $\alpha_{500} = 0,65$ $\alpha_{1000} = 0,85$ $\alpha_{2000} = 0,95$ $\alpha_{4000} = 0,98$ Depth of construction 200 mm $\alpha_{100} = 0,35$ $\alpha_{250} = 0,55$ $\alpha_{500} = 0,75$ $\alpha_{1000} = 0,95$ $\alpha_{2000} = 0,98$ $\alpha_{4000} = 0,99$ Depth of construction 300 mm $\alpha_{100} = 0,45$ $\alpha_{250} = 0,65$ $\alpha_{500} = 0,85$ $\alpha_{1000} = 0,98$ $\alpha_{2000} = 0,99$ $\alpha_{4000} = 0,99$ Depth of construction 400 mm $\alpha_{100} = 0,55$ $\alpha_{250} = 0,75$ $\alpha_{500} = 0,95$ $\alpha_{1000} = 0,99$ $\alpha_{2000} = 0,99$ $\alpha_{4000} = 0,99$ 	by Ceacrete		VVIP LOUNGE ROYAL BOX VVIP BOX	
AC-3	ACOUSTIC CEILING TYPE 3	ACOUSTIC CEILING TILE Tebal: 12 mm, berat: 5kg/m ² Ukuran: 600 x 600 mm, 8/15/28 R Type lep: 1KV/T Ratio preferensi: 3,3X  Resistance to fire: A2-s1, d0 per EN 13501-1 Fire protection: FRL 00 per EN 4101 part 2 Sound absorption: EN ISO 214 NRC: 0,90 $\alpha_{100} = 0,95$ (Three thickness) Sound Absorption: $\alpha_{100} = 0,25$ $\alpha_{250} = 0,45$ $\alpha_{500} = 0,65$ $\alpha_{1000} = 0,85$ $\alpha_{2000} = 0,95$ $\alpha_{4000} = 0,98$ Smoothness: $\alpha_{100} = 0,95$ $\alpha_{250} = 0,98$ Light Reflection: $\alpha_{100} = 0,95$ Thermal Conductivity: $\lambda_{100} = 0,030$ W/m.K per EN 12667 Edge finish: $\alpha_{100} = 0,95$, other edge available to order Thickness (fr. to grid): $\alpha_{100} = 0,95$, other size available to order Thickness / weight: $\alpha_{100} = 0,95$ (from 1,2kg/m ²) Colors: $\alpha_{100} = 0,95$ white, other colors available to order	by Ceacrete		MEDIWORK ROOM LOUNGE CHANGING ROOM CHANGING ROOM	

◀ ▶ ... NATURAL STONE PT VR CEILING AKUSTIK PANEL GLASS TOILET CU

acoustic ceiling finish - material outline spesifikasi

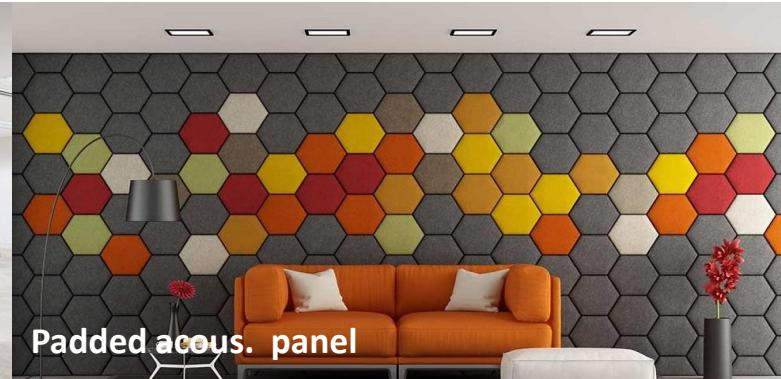
28	29	30	31	32	33	34	35
36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51
52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67
68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83
84	85	86	87	88	89	90	91
92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107
108	109	110	111	112	113	114	115
116	117	118	119	120	121	122	123
124	125	126	127	128	129	130	131
132	133	134	135	136	137	138	139
140	141	142	143	144	145	146	147
148	149	150	151	152	153	154	155
156	157	158	159	160	161	162	163
164	165	166	167	168	169	170	171
172	173	174	175	176	177	178	179
180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195
196	197	198	199	200	201	202	203
204	205	206	207	208	209	210	211
212	213	214	215	216	217	218	219
220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235
236	237	238	239	240	241	242	243
244	245	246	247	248	249	250	251
252	253	254	255	256	257	258	259
260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275
276	277	278	279	280	281	282	283
284	285	286	287	288	289	290	291
292	293	294	295	296	297	298	299
300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315
316	317	318	319	320	321	322	323
324	325	326	327	328	329	330	331
332	333	334	335	336	337	338	339
340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355
356	357	358	359	360	361	362	363
364	365	366	367	368	369	370	371
372	373	374	375	376	377	378	379
380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395
396	397	398	399	400	401	402	403
404	405	406	407	408	409	410	411
412	413	414	415	416	417	418	419
420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435
436	437	438	439	440	441	442	443
444	445	446	447	448	449	450	451
452	453	454	455	456	457	458	459
460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475
476	477	478	479	480	481	482	483
484	485	486	487	488	489	490	491
492	493	494	495	496	497	498	499
500	501	502	503	504	505	506	507
508	509	510	511	512	513	514	515
516	517	518	519	520	521	522	523
524	525	526	527	528	529	530	531
532	533	534	535	536	537	538	539
540	541	542	543	544	545	546	547
548	549	550	551	552	553	554	555
556	557	558	559	560	561	562	563
564	565	566	567	568	569	570	571
572	573	574	575	576	577	578	579
580	581	582	583	584	585	586	587
588	589	590	591	592	593	594	595
596	597	598	599	600	601	602	603
604	605	606	607	608	609	610	611
612	613	614	615	616	617	618	619
620	621	622	623	624	625	626	627
628	629	630	631	632	633	634	635
636	637	638	639	640	641	642	643
644	645	646	647	648	649	650	651
652	653	654	655	656	657	658	659
660	661	662	663	664	665	666	667
668	669	670	671	672	673	674	675
676	677	678	679	680	681	682	683
684	685	686	687	688	689	690	691
692	693	694	695	696	697	698	699
700	701	702	703	704	705	706	707
708	709	710	711	712	713	714	715
716	717	718	719	720	721	722	723
724	725	726	727	728	729	730	731
732	733	734	735	736	737	738	739
740	741	742	743	744	745	746	747
748	749	750	751	752	753	754	755
756	757	758	759	760	761	762	763
764	765	766	767	768	769	770	771
772	773	774	775	776	777	778	779
780	781	782	783	784	785	786	787
788	789	790	791	792	793	794	795
796	797	798	799	800	801	802	803
804	805	806	807	808	809	810	811
812	813	814	815	816	817	818	819
820	821	822	823	824	825	826	827
828	829	830	831	832	833	834	835
836	837	838	839	840	841	842	843
844	845	846	847	848	849	850	851
852	853	854	855	856	857	858	859
860	861	862	863	864	865	866	867
868	869	870	871	872	873	874	875
876	877	878	879	880	881	882	883
884	885	886	887	888	889	890	891
892	893	894	895	896	897	898	899
900	901	902	903	904	905	906	907
908	909	910	911	912	913	914	915
916	917	918	919	920	921	922	923
924	925	926	927	928	929	930	931
932	933	934	935	936	937	938	939
940	941	942	943	944	945	946	947
948	949	950	951	952	953	954	955
956	957	958	959	960	961	962	963
964	965	966	967	968	969	970	971
972	973	974	975	976	977	978	979
980	981	982	983	984	985	986	987
988	989	990	991	992	993	994	995
996	997	998	999	1000	1001	1002	1003

WALL PARTITION

padded acous. Panel, wooden acous panel, framed double glazed partition, double gypsum bd partition with glasswool insulation, acous. plaster



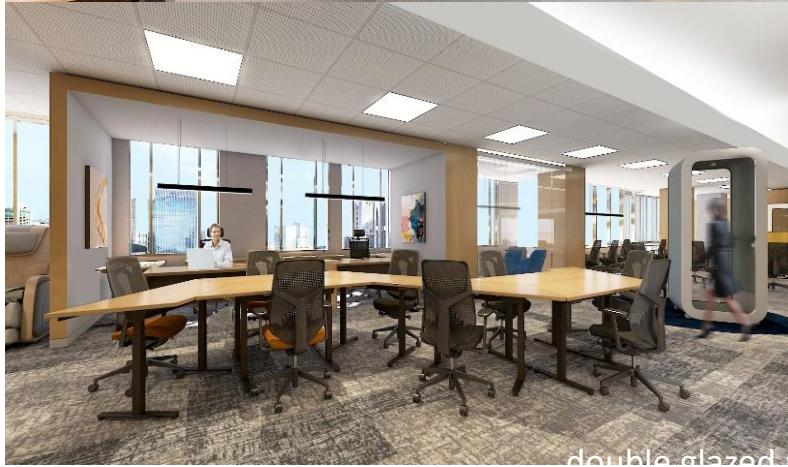
Acous. Movable panels



Padded acous. panel



Wooden acous. panel



double glazed partition



material akustik – aplikasi pada desain interior

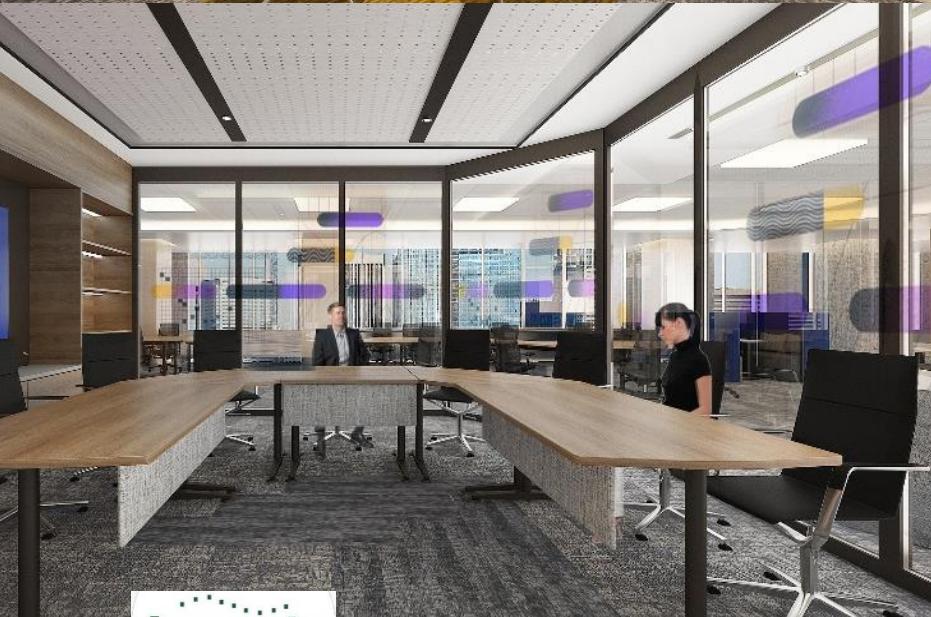
FLOOR FINISH - carpet tile, broadloom carpet



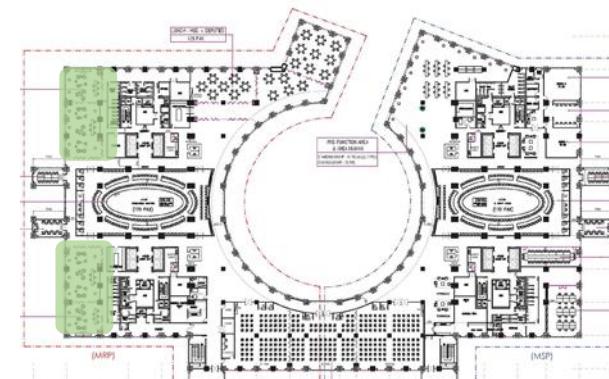
broadloom carpet



CEILING - Seamless solid gypsum bd. & perforated acous. Ceiling



Acourette



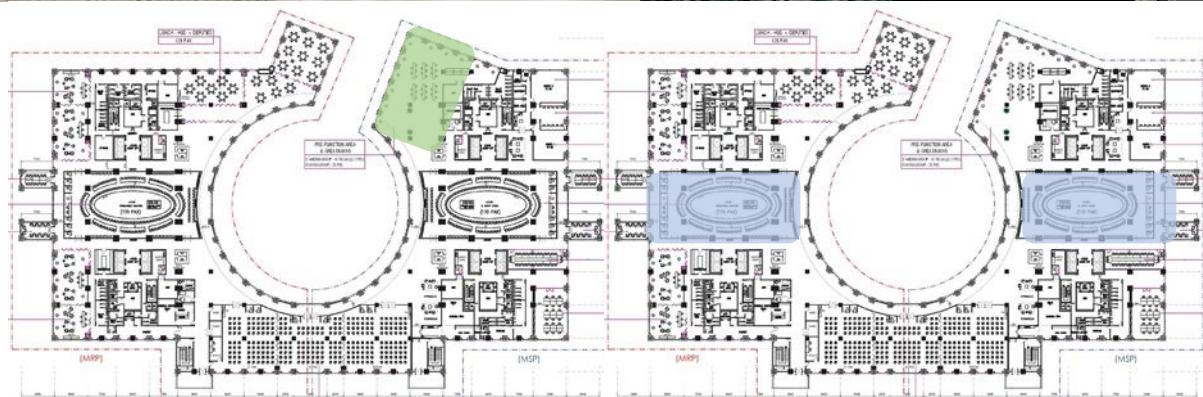
#REVOLUTIONARYMOVEMENT



PREFUNCTION / AREA MAKAN



COMMUNIQUW DRAFTING

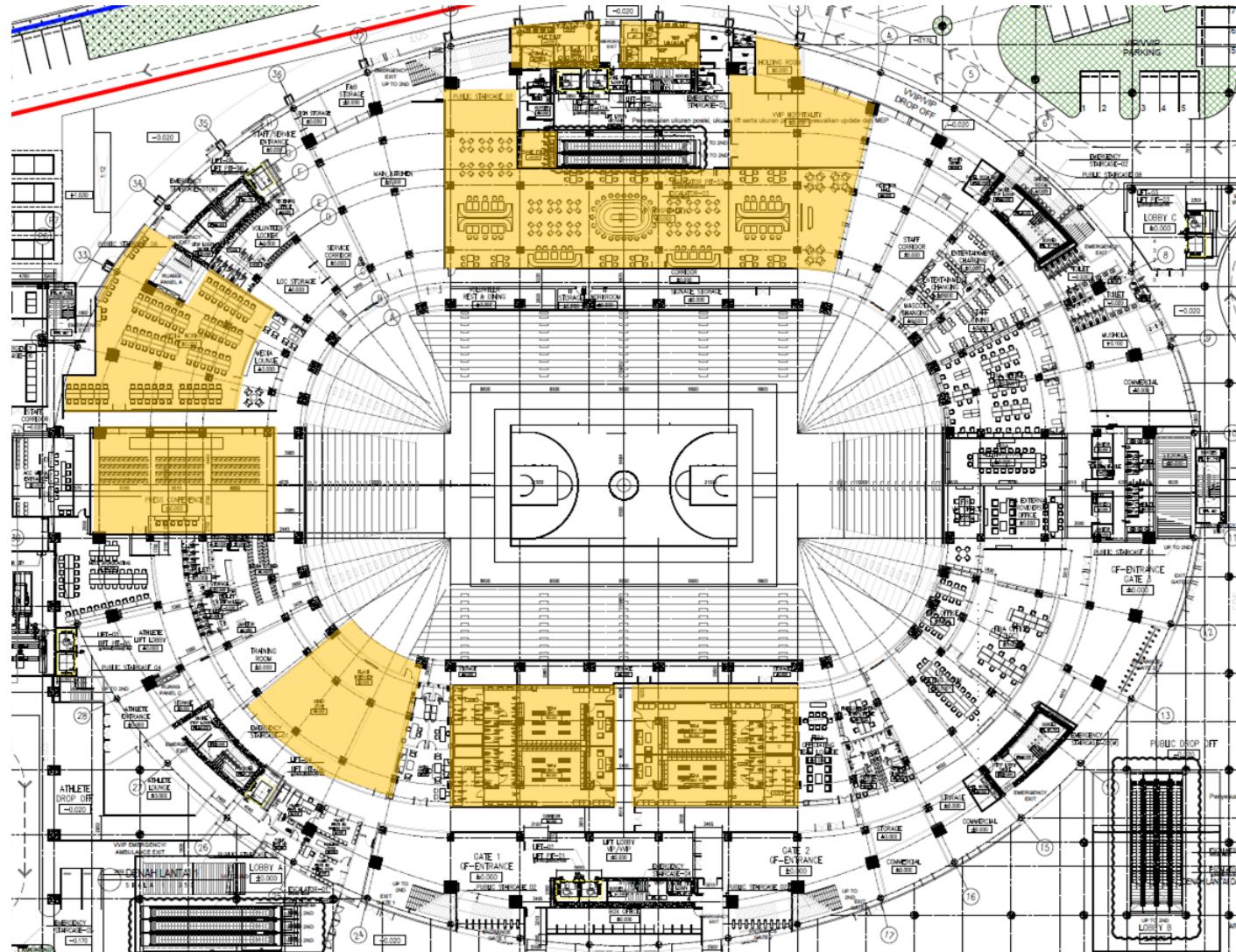


#REVOLUTIONARYMOVEMENT

LAYOUT PENGEMBANGAN

LANTAI 1

Area yang termasuk pekerjaan

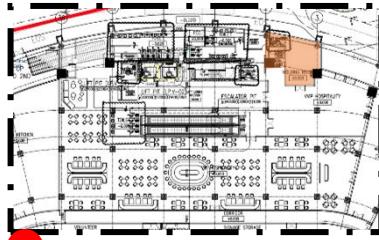


HOLDING ROOM-Lt.1

EXECUTIVE AREA



KEYPLAN

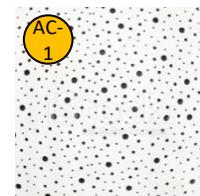


LF LOOSE FURNITURE

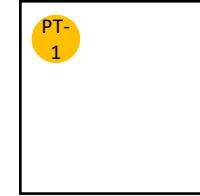
G W GRAPHIC WALL

TV DIGITAL EQUIPMENT

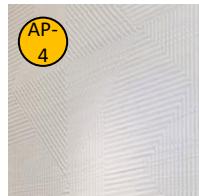
TIDAK TERMASUK LINGKUP PEKERJAAN



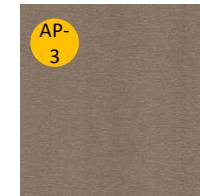
ACOUSTIC CEILING
SIZE: 600 x 600 MM



WALL PAINT
COL. WHITE



ACOUSTIC PANEL
COL. WHITE PATTERN



ACOUSTIC PANEL
COL. BROWN



VENEER ON PLYWOOD
FINISH MELAMIC NATURAL



VENEER ON PLYWOOD
FINISH MELAMIC NATURAL



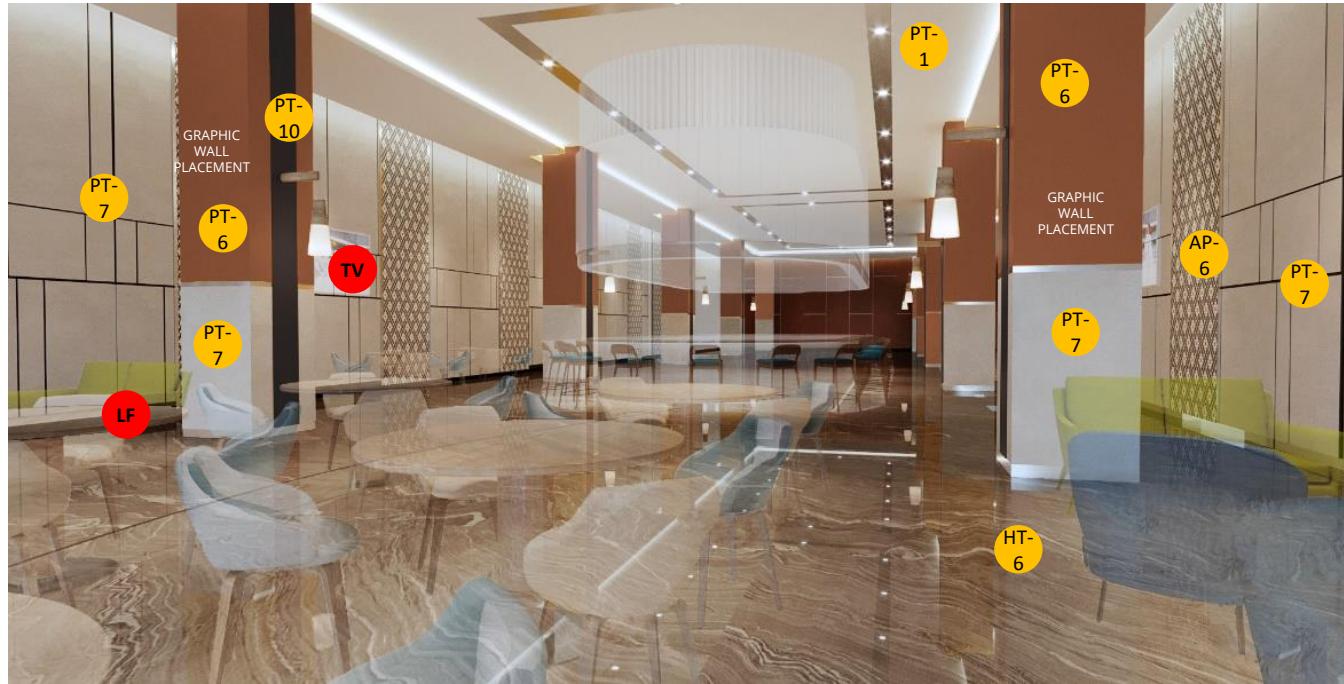
VENEER ON PLYWOOD
FINISH MELAMIC NATURAL



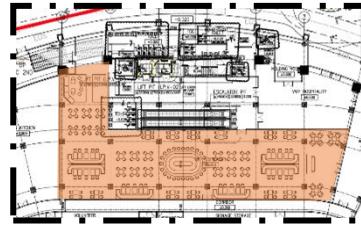
HOMOGENOUS TILE
SIZE: 150 x 600 x 9,8 MM
FIN. DEBOSSED

VIP LOUNGE-Lt.1

EXECUTIVE AREA



KEYPLAN

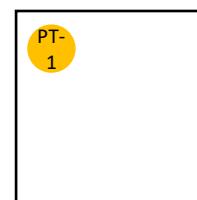


LF LOOSE FURNITURE

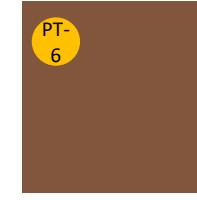
G W GRAPHIC WALL

TV DIGITAL EQUIPMENT

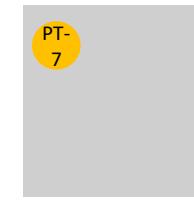
TIDAK TERMASUK LINGKUP PEKERJAAN



WALL PAINT
COL. WHITE



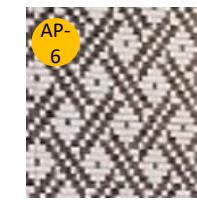
WALL PAINT
COL. TERRACOTTA



WALL PAINT
COL. LIGHT GREY



WALL PAINT
COL. BLACK CHARCOAL



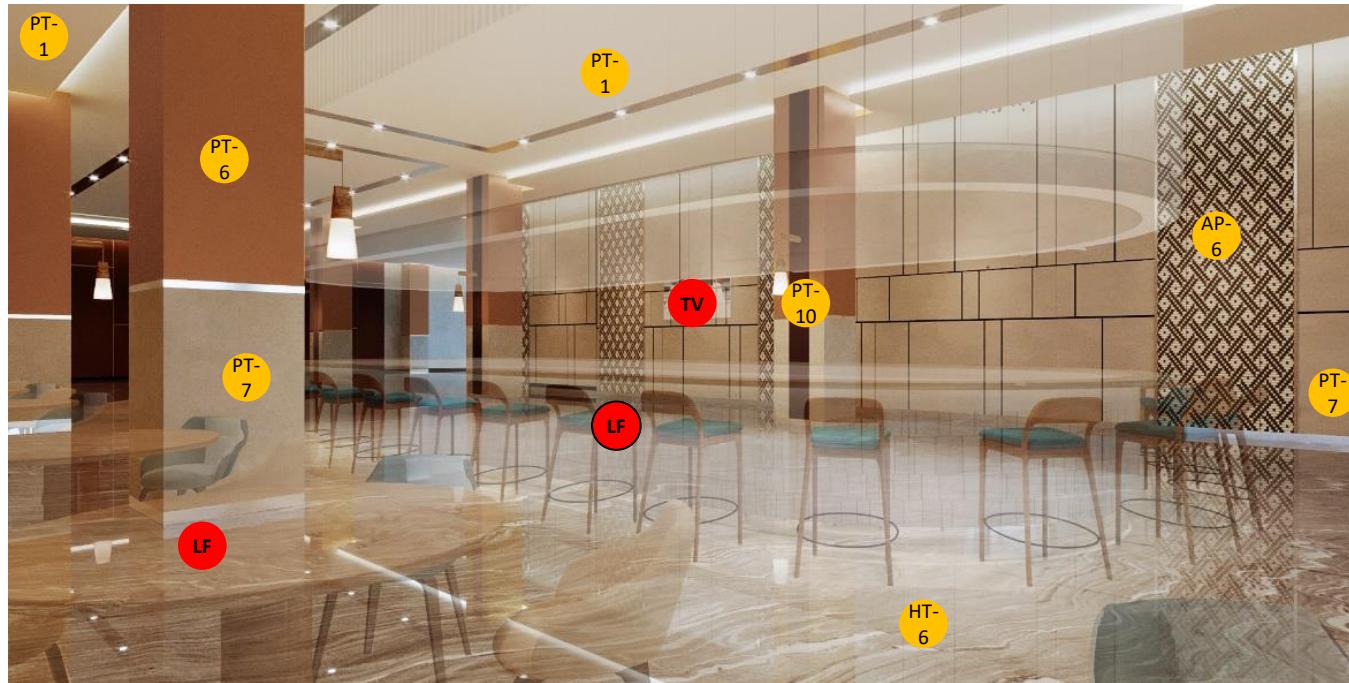
ACOUSTIC PANEL
COL. CUSTOM PATTERN



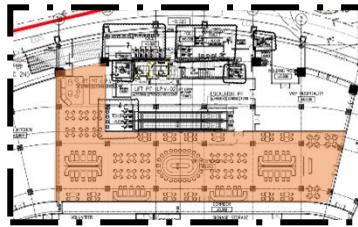
HOMOGENOUS TILE
GP804 - FROST
SIZE: 600 x 600 x 11 MM
FIN. GLAZED POLISHED

VIP LOUNGE-Lt.1

EXECUTIVE AREA



KEYPLAN

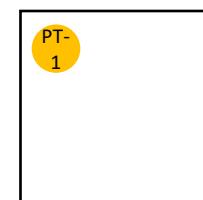


LF LOOSE FURNITURE

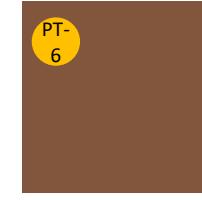
G W GRAPHIC WALL

TV DIGITAL EQUIPMENT

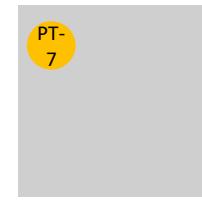
TIDAK TERMASUK LINGKUP PEKERJAAN



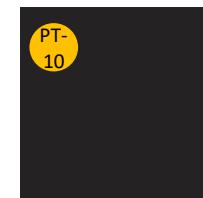
WALL PAINT
EX. DULUX
COL. WHITE



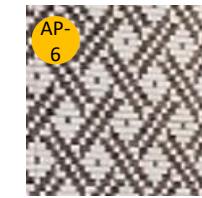
WALL PAINT
EX. DULUX
COL. TERRACOTTA



WALL PAINT
EX. DULUX
COL. LIGHT GREY



WALL PAINT
EX. DULUX
COL. BLACK CHARCOAL



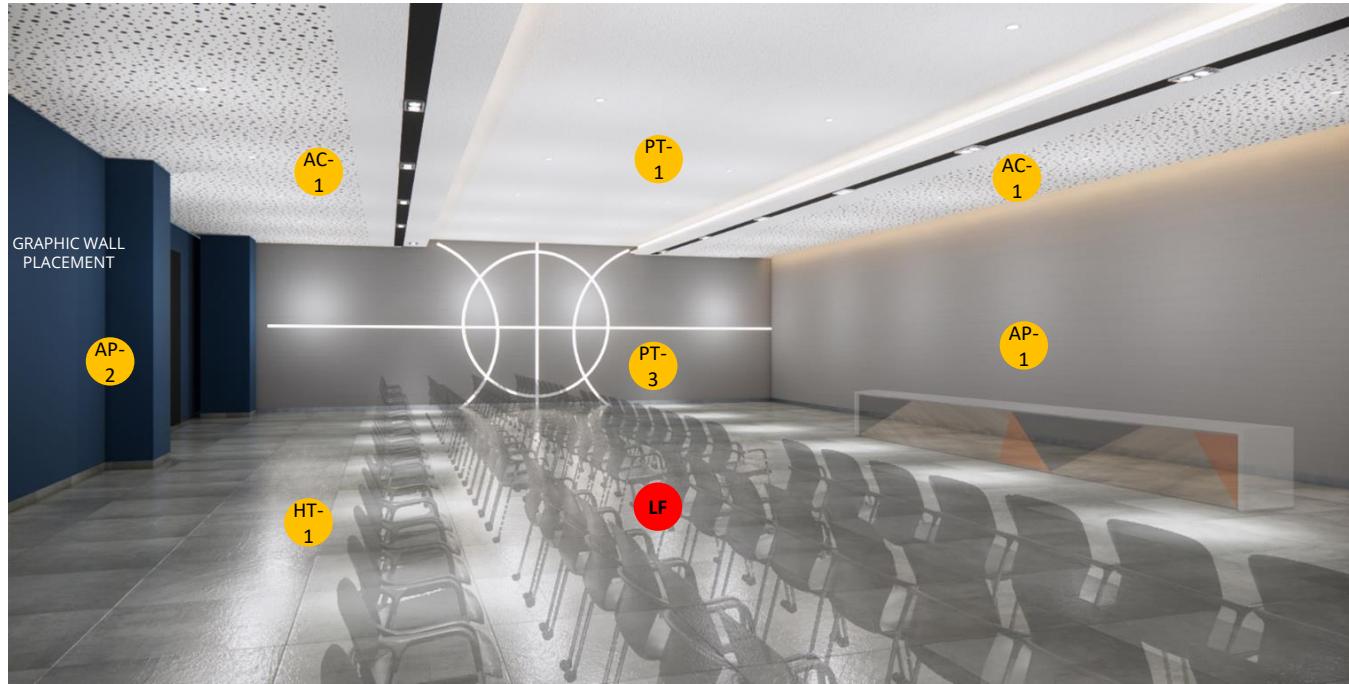
ACOUSTIC PANEL
EX. -
COL. CUSTOM PATTERN



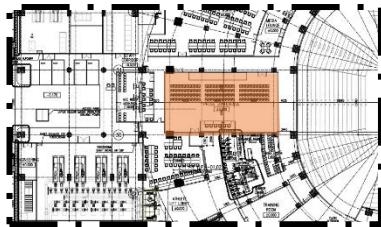
HOMOGENOUS TILE
EX. NIRO GRANITE
POLLAR BLACK
GPB04 - FROST
SIZE: 600 x 600 x 11 MM
FIN. GLAZED POLISHED

PRESS CONFERENCE-Lt.1

PUBLIC AREA



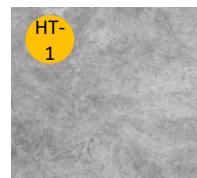
KEYPLAN



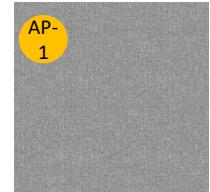
LF LOOSE FURNITURE

GW GRAPHIC WALL

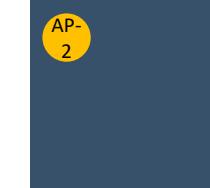
TIDAK TERMASUK LINGKUP PEKERJAAN



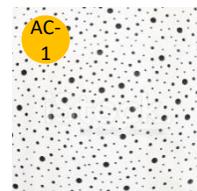
HOMOGENOUS TILE
GHROS-SPARROW
SIZE: 60 x 60 CM x 9,0 MM
FINISH: MATT



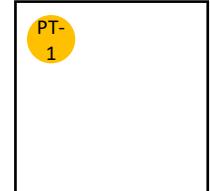
ACOUSTIC PANEL
COL. GREY



ACOUSTIC PANEL
COL. DARK BLUE



ACOUSTIC CEILING



WALL PAINT
COL. WHITE



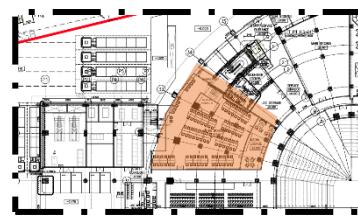
WALL PAINT
COL.DARK GREY

MEDIA WORK ROOM-Lt.1

PUBLIC AREA



KEYPLAN

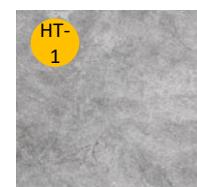


LF LOOSE FURNITURE

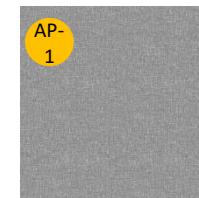
G W GRAPHIC WALL

TV DIGITAL EQUIPMENT

TIDAK TERMASUK LINGKUP PEKERJAAN



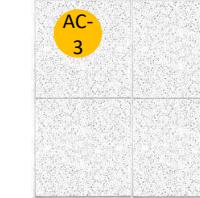
HOMOGENOUS TILE
EX. NIRO GRANITE
HARDROCK COLLECTION
GHROS-SPARROW
SIZE: 60 x 60 CM x 9,0 MM
FINISH: MATT



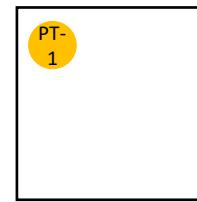
ACOUSTIC PANEL
EX. -
COL. GREY



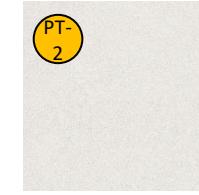
WALL PAINT
EX. DULUX
COL. DARK BLUE



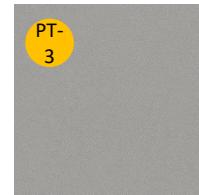
ACOUSTIC CEILING
EX. -
SIZE. 600 x 600 MM



WALL PAINT
EX. DULUX
COL. WHITE



WALL PAINT
EX. DULUX – DESIGN
EFFECT
COL. BEIGE (CONCRETE
TEXTURE EFFECT)



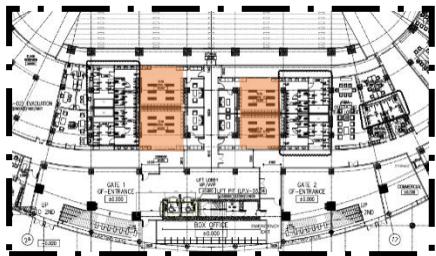
WALL PAINT
EX. DULUX
COL.DARK GREY

CHANGING ROOM-Lt.1

PUBLIC AREA

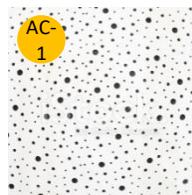


KEYPLAN

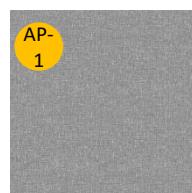


 GRAPHIC WALL

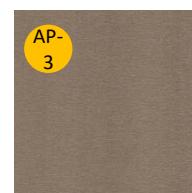
TIDAK TERMASUK LINGKUP PEKERJAAN



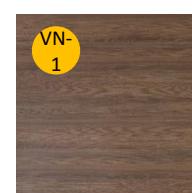
HOMOGENOUS TILE
SIZE: 60 x 60 CM x 9,0 MM
FIN. MATT



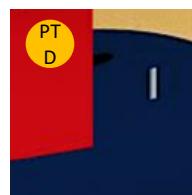
**ACOUSTIC PANE
COL. GREY**



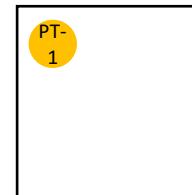
ACOUSTIC PANEL
COL. BROWN



VENEER ON PLYWOOD
FINISH MELAMIC NATURAL



MURAL PAINTER DECORATIVE

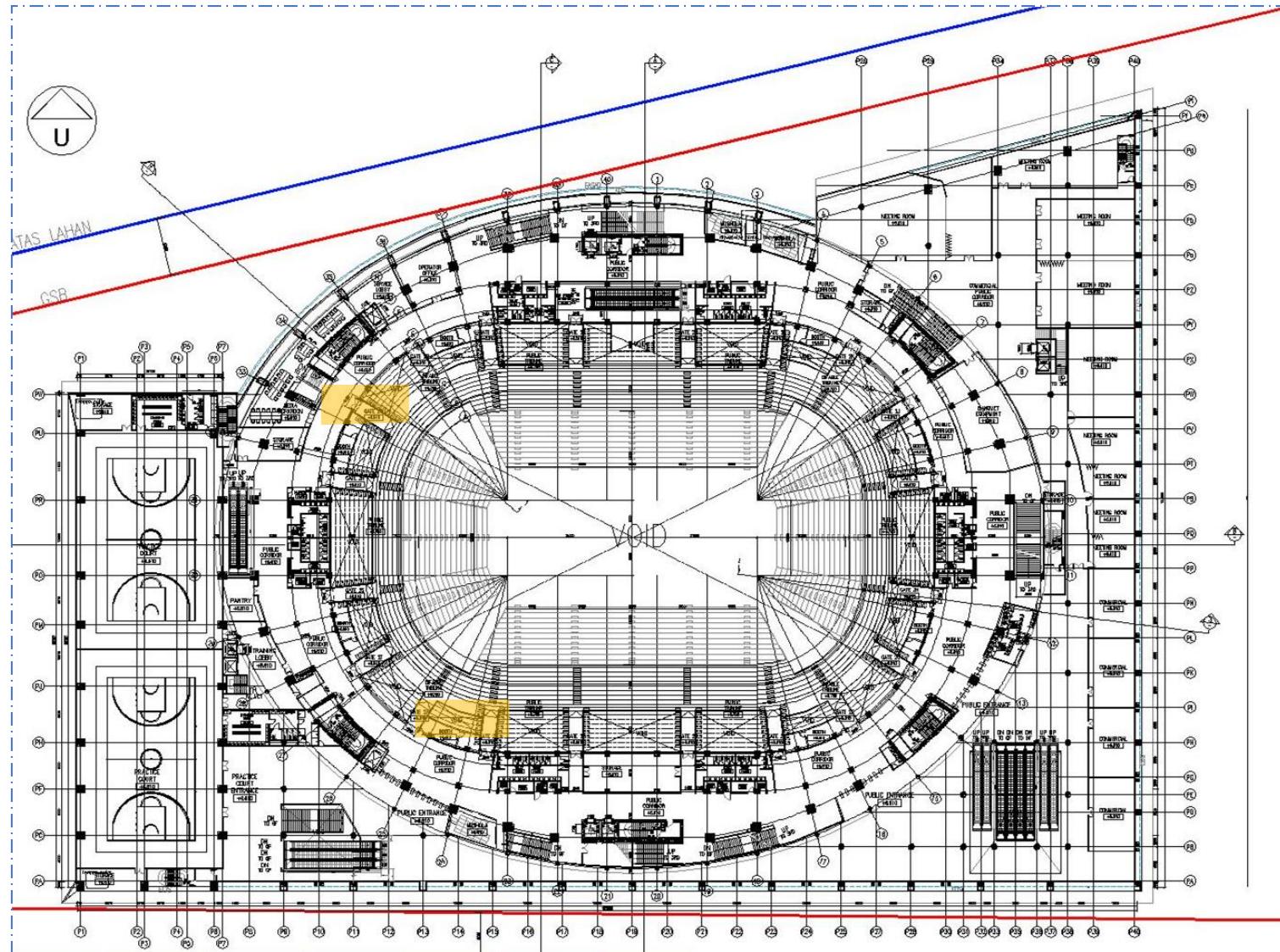


**WALL PAINT
COL. WHITE**

LAYOUT PENGEMBANGAN

LANTAI 2

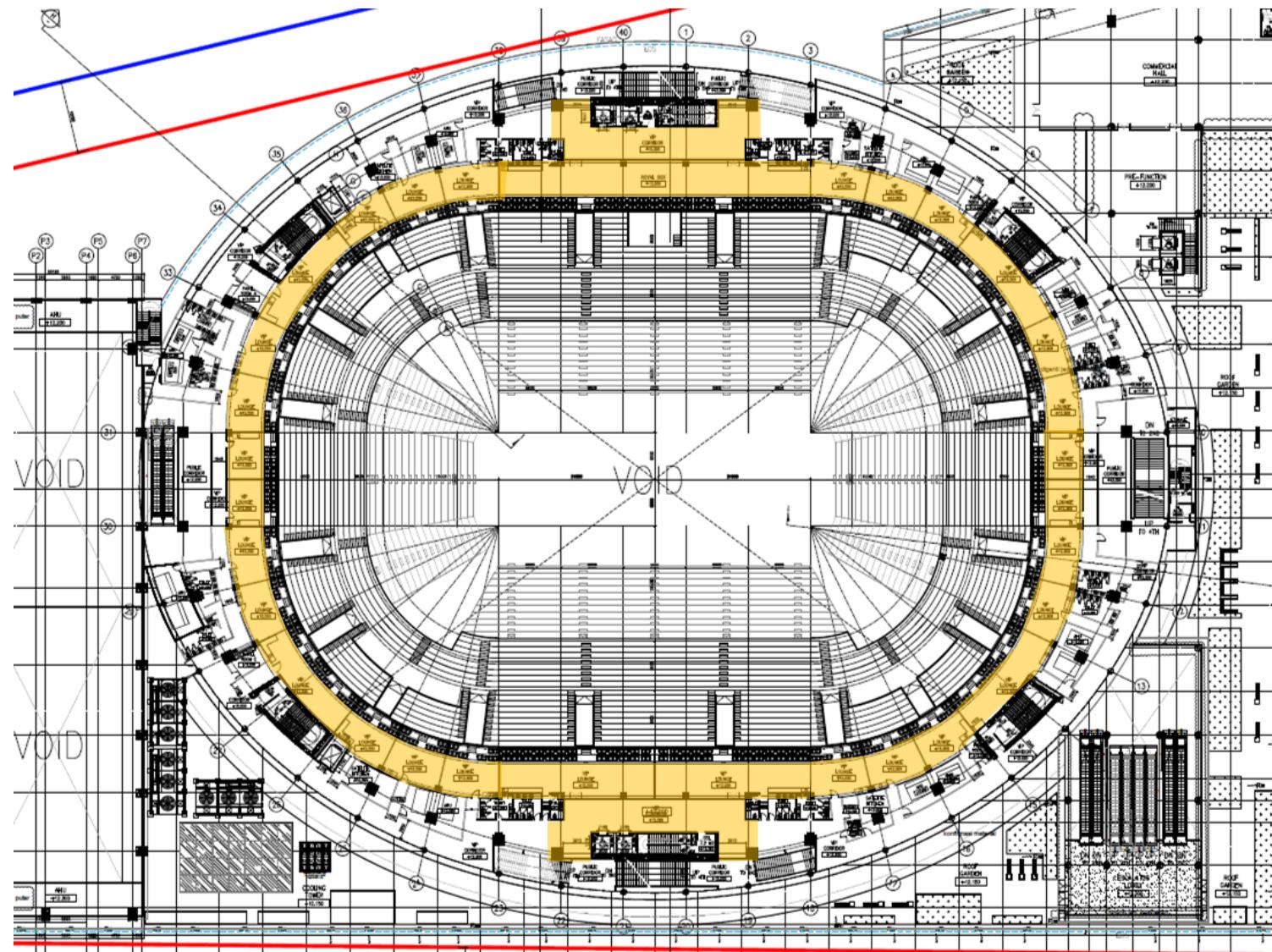
Area yang termasuk pekerjaan



LAYOUT PENGEMBANGAN

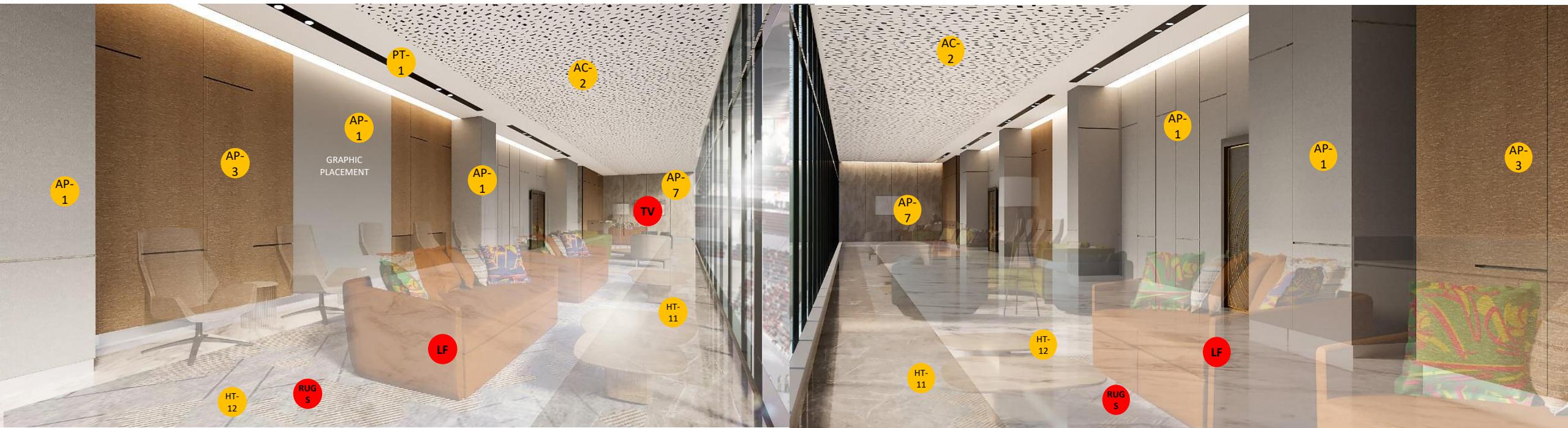
LANTAI 3

 Area yang termasuk pekerjaan

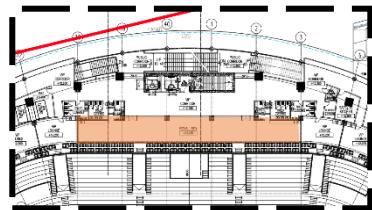


ROYAL BOX-Lt. 3

EXECUTIVE AREA

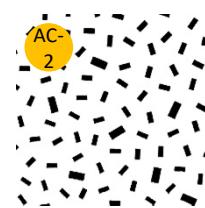


KEYPLAN

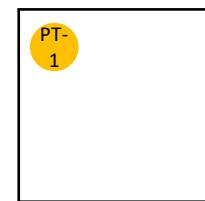


- RUG S CARPET RUGS
- LF LOOSE FURNITURE
- G W GRAPHIC WALL
- A W ARTWORK
- TV DIGITAL EQUIPMENT

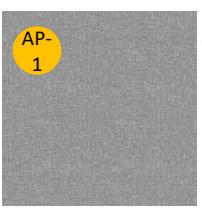
TIDAK TERMASUK LINGKUP
PEKERJAAN



ACOUSTIC PANEL



WALL PAINT



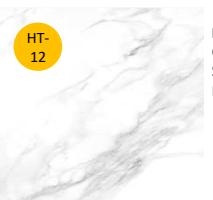
ACOUSTIC PANEL



ACOUSTIC PANEL
EX -
COL. BROWN



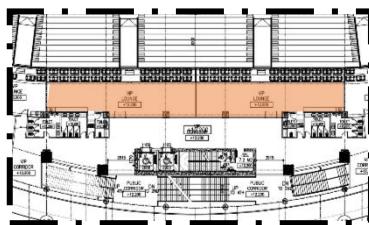
HOMOGENOUS TILE
SIZE: 60 x 120 CM 9 mm
FINISH: GLAZED POLISHED



HOMOGENOUS TILE
GMT01 ALONZO
SIZE: 60 x 120 CM 9 mm
FINISH: GLAZED POLISHED

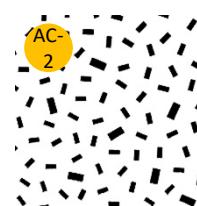
VVIP BOX-Lt.3

EXECUTIVE AREA

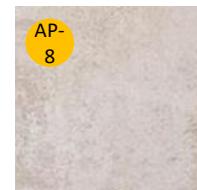


- CARPET RUGS
- LF LOOSE FURNITURE
- G W GRAPHIC WALL
- A W ARTWORK
- TV DIGITAL EQUIPMENT

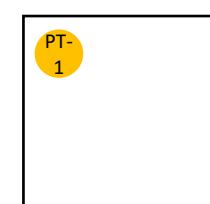
TIDAK TERMASUK LINGKUP PEKERJAAN



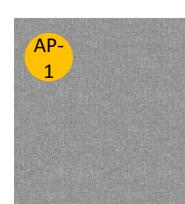
ACOUSTIC CEILING



ACOUSTIC PANEL
COL. BEIGE-CONCRETE
TEXTURE



WALL PAINT
COL. WHITE



ACOUSTIC PANEL
COL. GREY



ACOUSTIC PANEL
COL. BROWN



HOMOGENOUS TILE
SIZE: 60 x 120 CM 9 mm
FINISH: GLAZED POLISHED



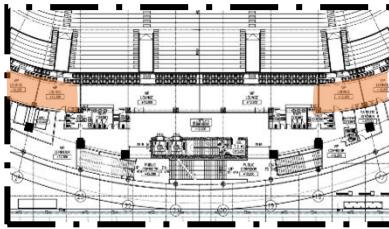
HOMOGENOUS TILE
SIZE: 60 x 120 CM 9 mm
FINISH: GLAZED POLISHED

VIP BOX-Lt.3

EXECUTIVE AREA

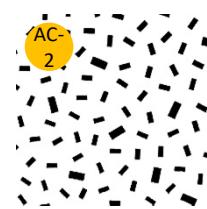


KEYPLAN

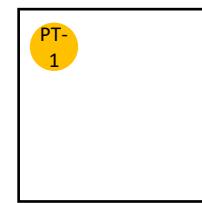


- RUG S CARPET RUGS
- LF LOOSE FURNITURE
- G W GRAPHIC WALL
- A W ARTWORK
- TV DIGITAL EQUIPMENT

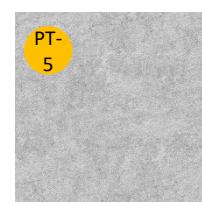
TIDAK TERMASUK LINGKUP PEKERJAAN



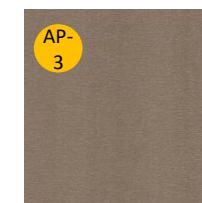
ACOUSTIC CEILING



WALL PAINT
COL. WHITE



WALL PAINT
COL. GREY (CONCRETE
TEXTURE EFFECT)



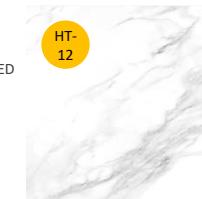
ACOUSTIC PANEL
COL. BROWN



ACOUSTIC PANEL
COL. BEIGE-CONCRETE
TEXTURE



HOMOGENOUS TILE
SIZE: 60 x 120 CM 9 mm
FINISH: GLAZED POLISHED



HOMOGENOUS TILE
SIZE: 60 x 120 CM 9 mm
FINISH: GLAZED POLISHED

Stadion Olah Raga & Multi Guna

Jakarta International Stadium (JIS)

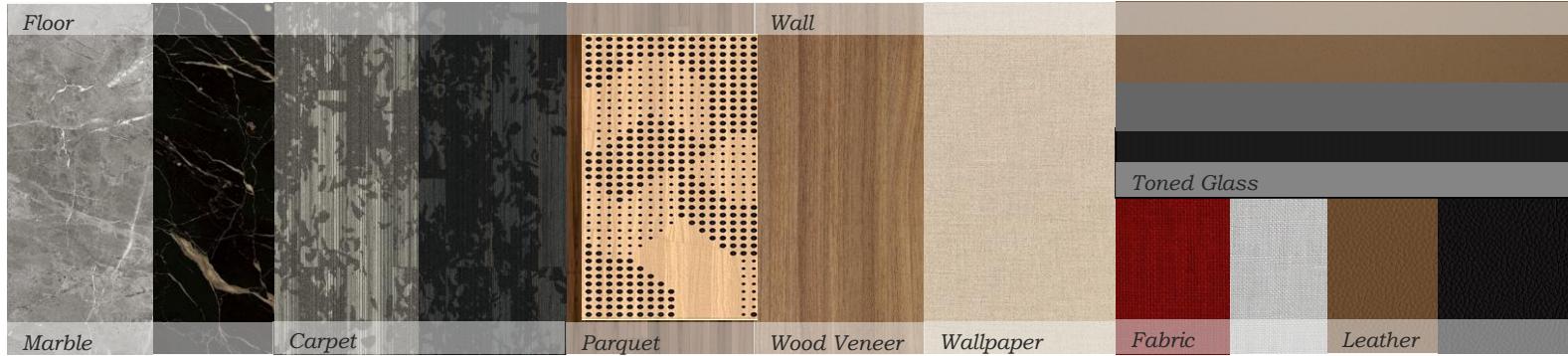
Interior Basic Design





MATERIAL CONCEPT – PREMIUM

Lobby & Hall VVIP | Royal Box | Royal Lounge



Spesifikasi teknis material adalah bagian penting dalam perencanaan desain interior, dimulai dari tahap **Basic Design** saja & **Complete /Full Interior Design Work**

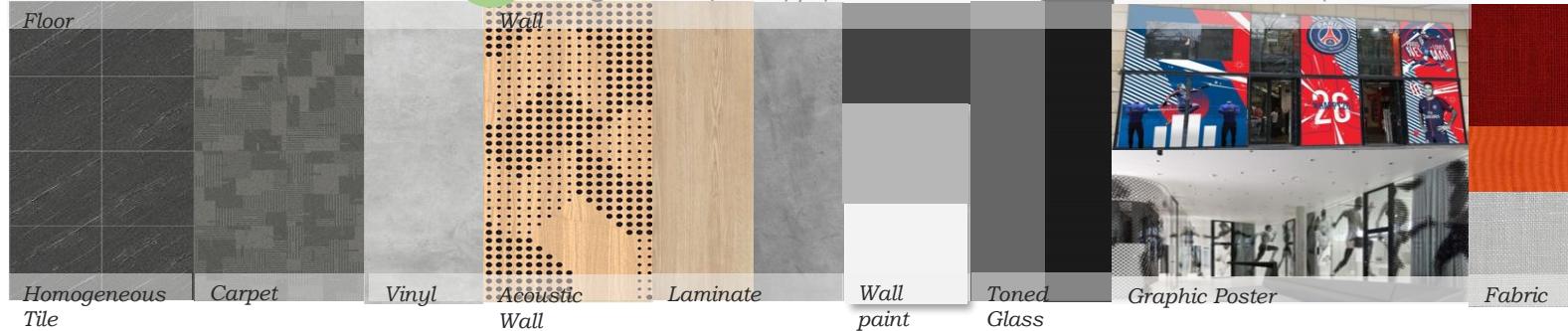
MATERIAL CONCEPT – MIDDLE

Dressing Room (Home) | Corporate Box | Corporate Lounge



MATERIAL CONCEPT – REGULAR

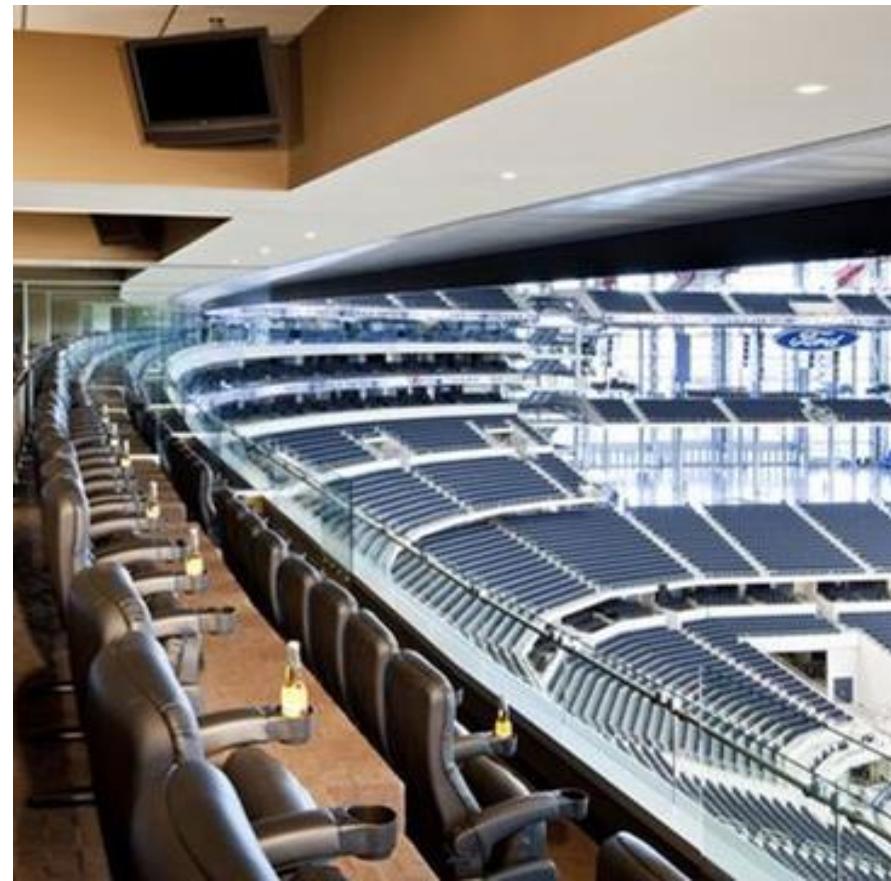
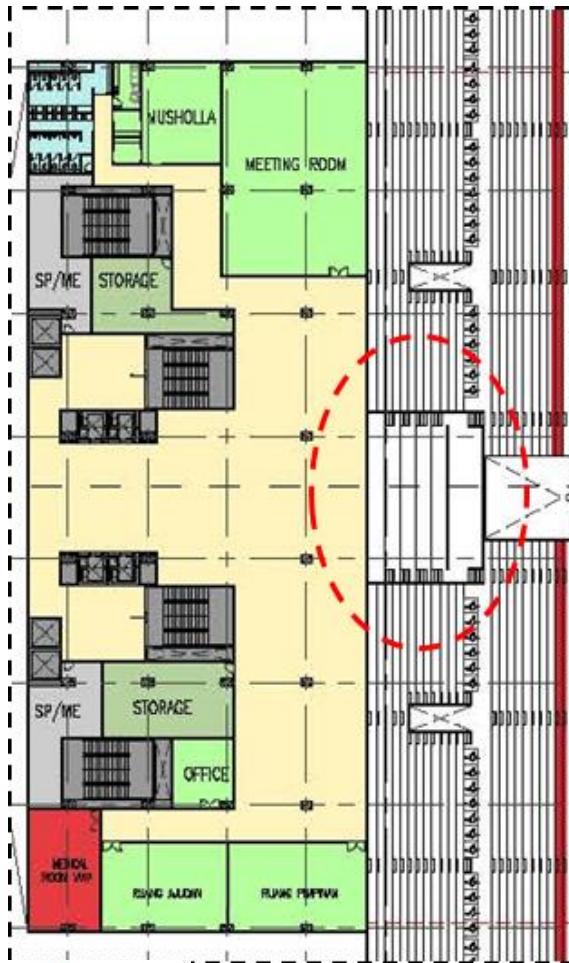
Press Room (Away) | Function Hall | Press Conference | Media Room



ROYAL BOX VVIP

Warm | Modern | Exclusive

LT.3 MEZZANINE

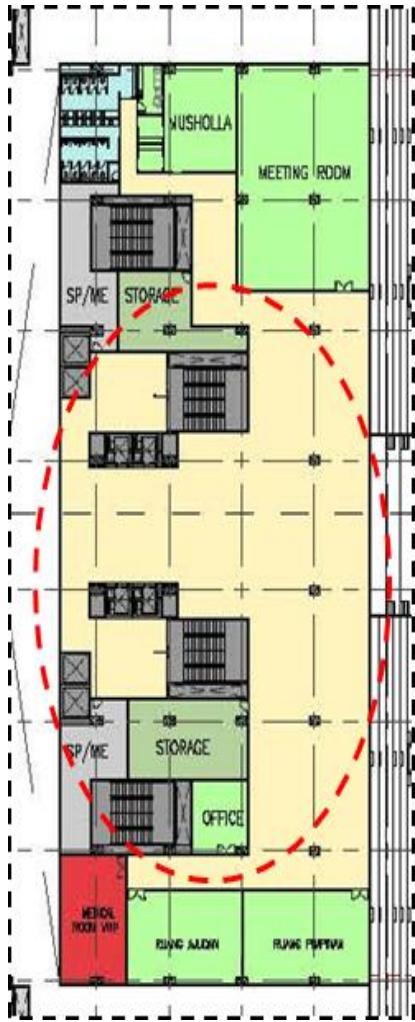


#REVOLUTIONARYMOVEMENT

ROYAL LOUNGE VVIP

Warm | Modern | Exclusive

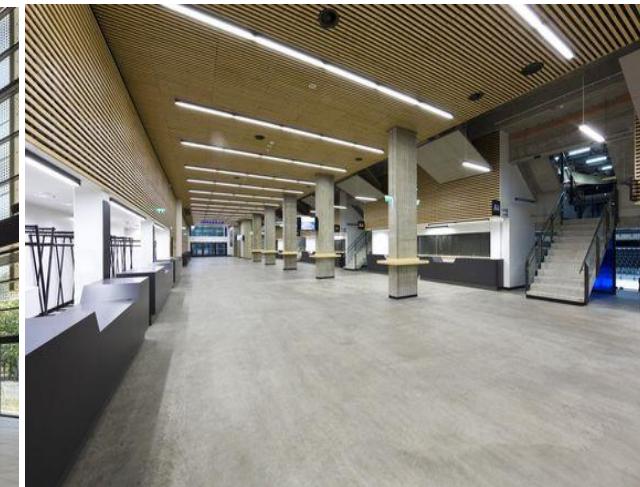
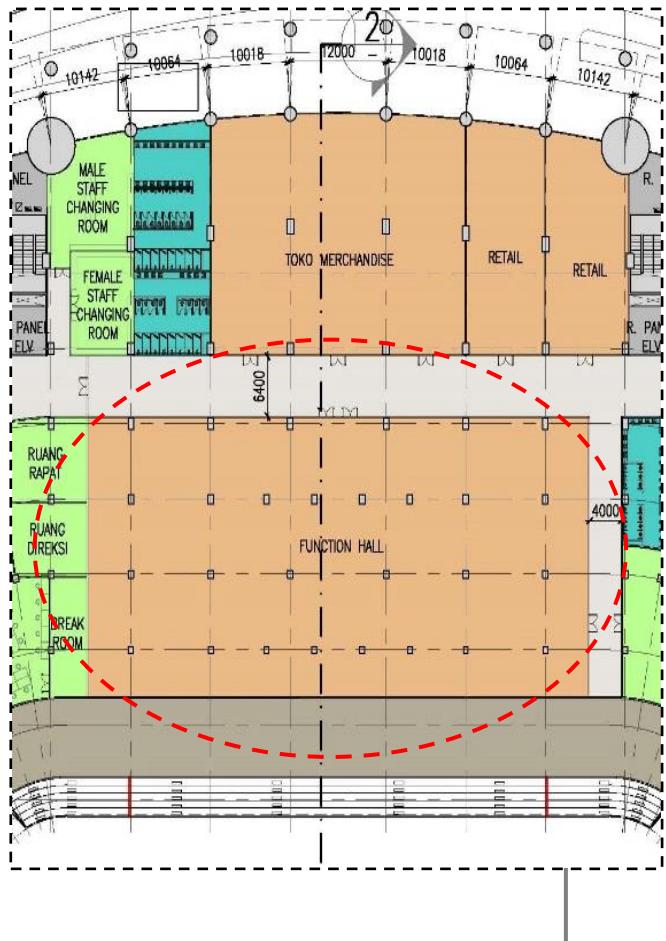
LT.3 MEZZANINE



#REVOLUTIONARYMOVEMENT

FUNCTION HALL

Bright | Modern | Clean

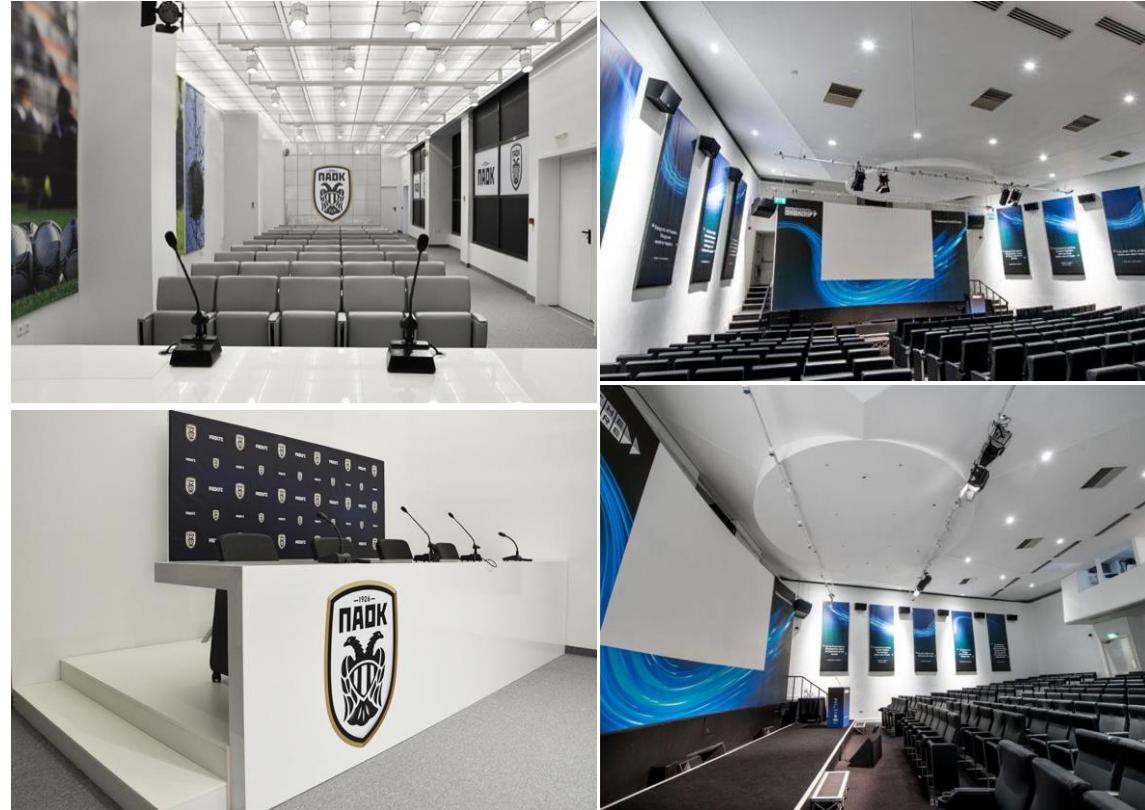
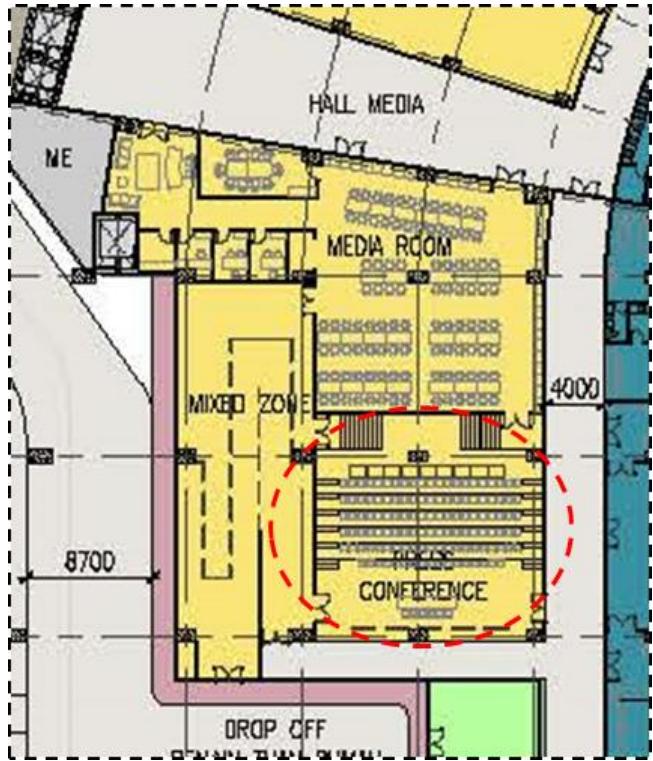




PRESS CONFERENCE ROOM

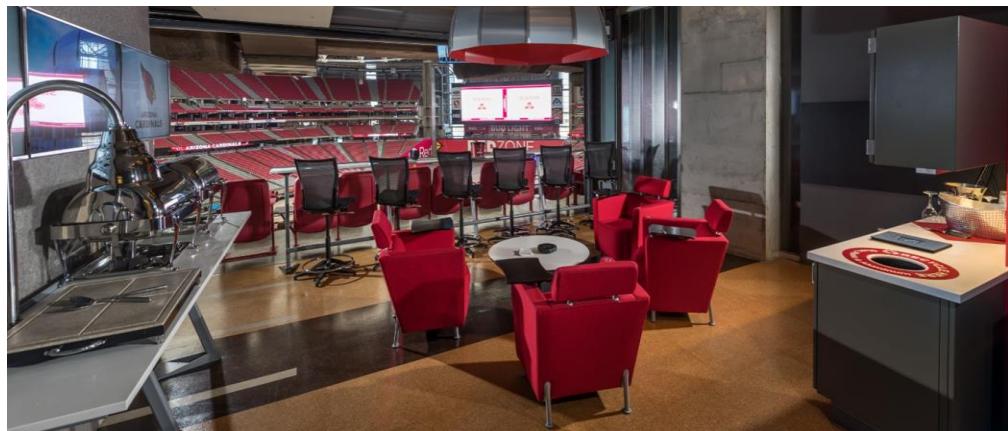
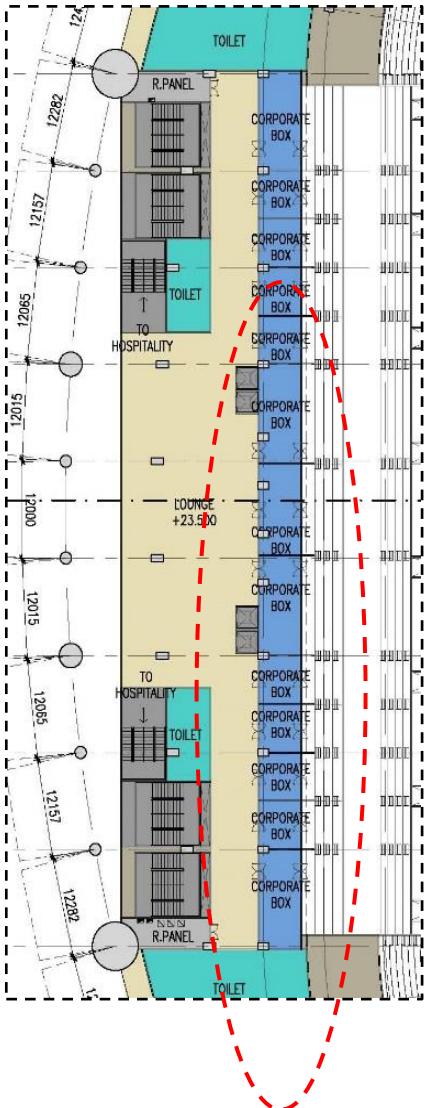
Bright | Modern | Clean

LT.2

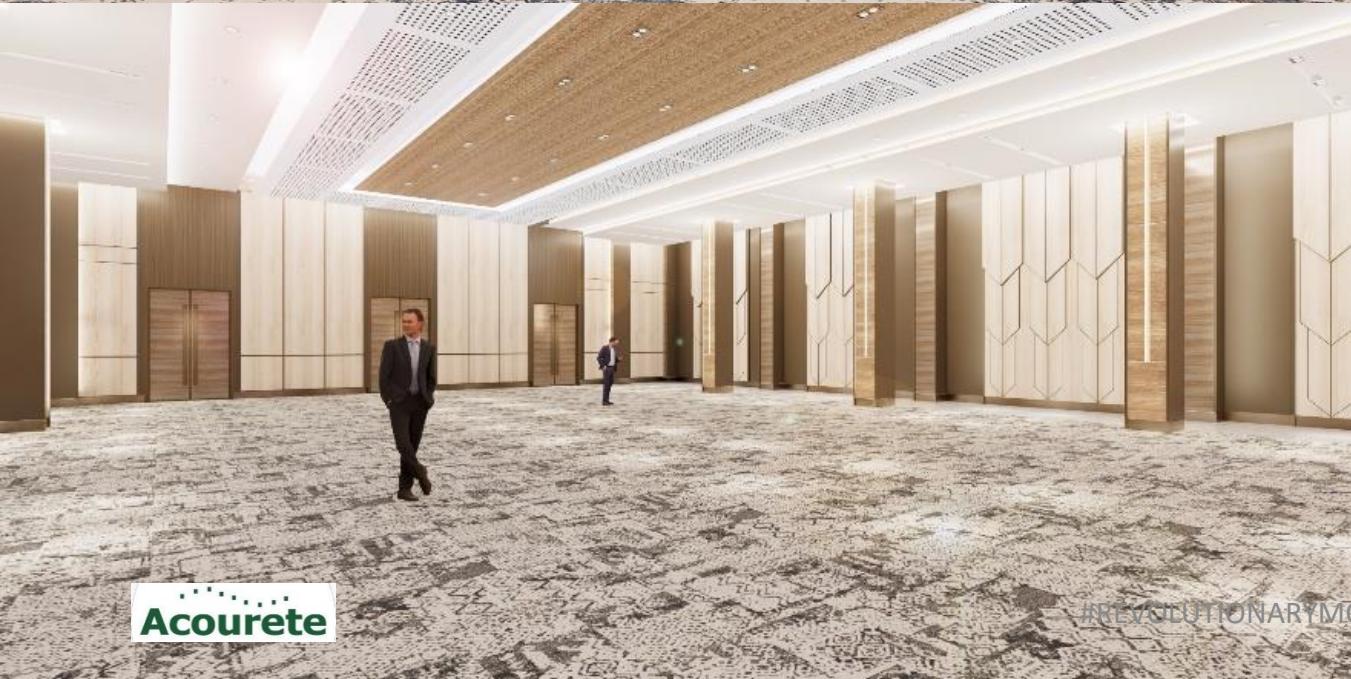


CORPORATE BOX

Bright | Modern | Clean



*gedung perkantoran (fasilitas publik) - Multi Function Room / Ballroom /Ruang Serbaguna
dengan movable panel divider*



Acoustic wall
Fin. HPL



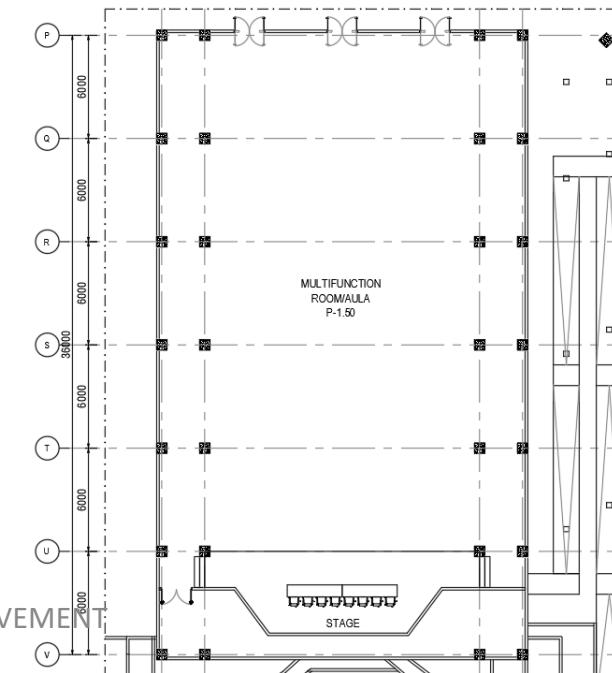
Hospitality carpet



Wood veneer



Polished brass



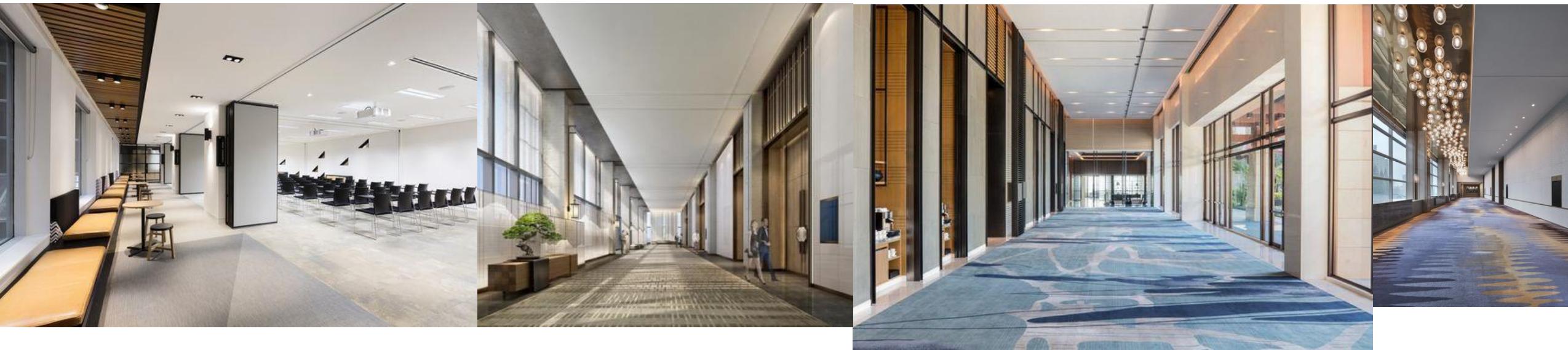
gedung perkantoran (fasilitas publik) - meeting rooms dengan acous. movable panels



gedung perkantoran (fasilitas publik) – lobby utama



gedung perkantoran & hospitality (fasilitas publik) – Pre Function (Meeting Rooms, Ballroom, Multifunction



fasilitas khusus - Exhibition /Function Hall, Rumah Sakit



Exhibiton Hall



Fasilitas Kesehatan ruang
Tindakan - medis, rawat inap



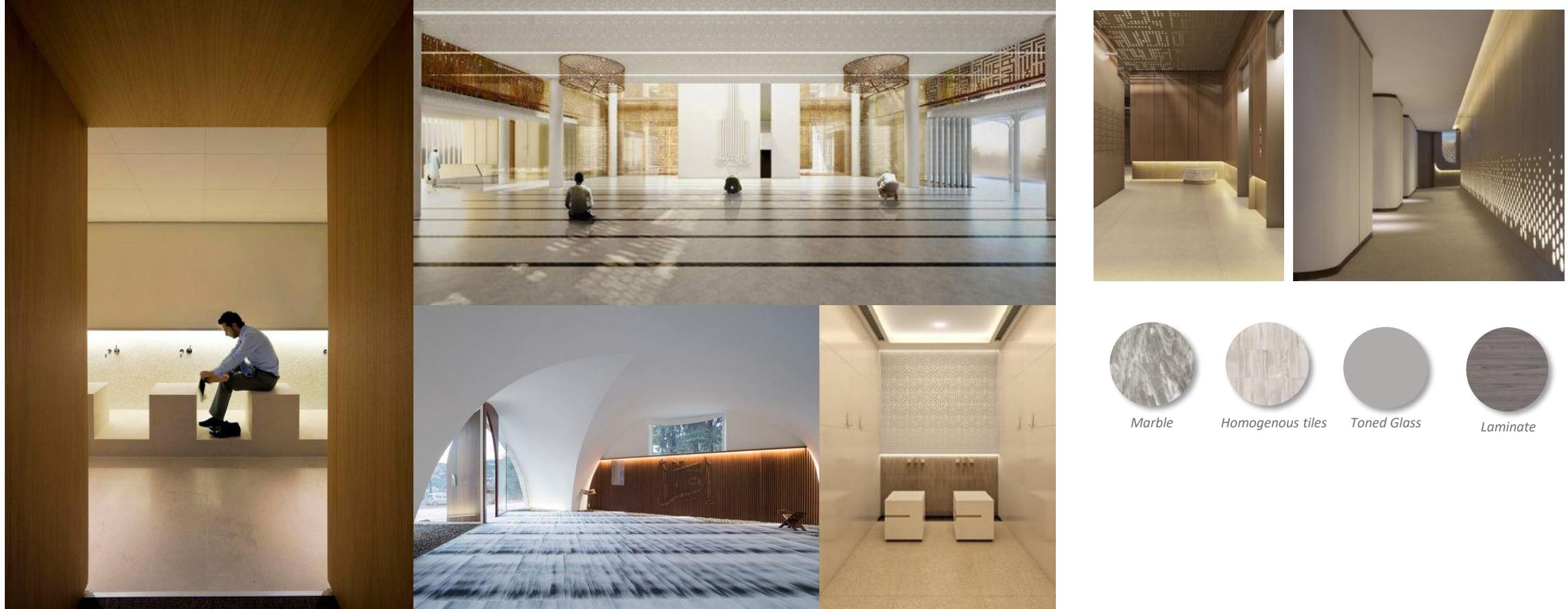
Rumah tinggal : home
theater, studio musik

gedung khusus (fasilitas publik) – Pre Function (Meeting Rooms, Ballroom, Multifunction



Theater Opera House

Gedung Perkantoran (fasilitas public) - masjid



Marble



Homogenous tiles



Toned Glass



Laminate

Gedung perkantoran - fasilitas publik



podcast



Kids club/daycare



Fitness center

ruang kerja & lounge - eksekutif





Area kerja staf



Area kerja non formal staf - kolaboratif



Rg Rapat Besar



Rg Sidang khusus

Desain interior tidak berdiri sendiri, sangat dianjurkan untuk berkolaborasi dan berkonsultasi dengan ahli akustik yang kompeten, sehingga pemilihan material akustik dengan spesifikasi teknis yang dipersyaratkan terpenuhi, dan menjadi **keberhasilan bagi desain interior khususnya.**

Salah satu unggulan material akustik yang kami rekomendasikan adalah :

Acourete