



# BUILDING FINISHING MATERIALS AND SPECIFICATIONS

PUNJAB ARCHITECTURE DEPARTMENT

JUNE 2022

# OFFICE BUILDINGS



# OFFICE BUILDINGS

## FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> <li>▪ ¾” Th. Natural Granite</li> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> <li>▪ Solid hard wood flooring</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ Acrylic based plastic emulsion paint</li> <li>▪ Natural Stone cladding on specified walls/wall areas</li> <li>▪ Tiles cladding on specified walls/wall areas</li> <li>▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li> <li>▪ HDF/fibre cement board wall cladding</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plastic emulsion paint</li> <li>▪ Matt Enamel paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling/Dampa</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>▪ MDF/HDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Solid wood panelled door</li> <li>• Solid wood glazed French door</li> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Anodized Al glazed/semi glazed door window</li> <li>▪ Tempered glass (12 mm th) frame less sensor door.</li> <li>• Steel Collapsible door may be adopted with Al/uPVC profile where required.</li> <li>• Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	<ul style="list-style-type: none"> <li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>• Solid wood glazed open able windows with open able wire gauze panels.</li> <li>• UPVC glazed/double glazed sliding or open able windows.</li> <li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li> </ul>		<ul style="list-style-type: none"> <li>▪ Fair face brick</li> <li>▪ Clad brick (Gutka)</li> <li>▪ Fair face concrete</li> <li>▪ Washed terrazzo</li> <li>▪ Aluminum cladding panels</li> <li>▪ Wall coatings <ul style="list-style-type: none"> <li>•Acrylic coating</li> <li>•Weather shield exterior paint</li> </ul> </li> <li>▪ Natural stone cladding <ul style="list-style-type: none"> <li>• Sand stone</li> <li>• Slate stone</li> <li>• Granite</li> <li>• Marble</li> <li>• Travertine</li> </ul> </li> </ul>
STAIRCASE & ENT STEPS/ /RAMPS	<ul style="list-style-type: none"> <li>• Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges</li> <li>• S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design.</li> <li>• Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design</li> </ul>								
EXECUTIVE OFFICES	<ul style="list-style-type: none"> <li>▪ Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>▪ ¾” th Granite</li> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Solid hard wood flooring</li> <li>▪ Laminate Flooring</li> <li>▪ Wood Plastic Composite floor</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ Acrylic based plastic emulsion paint</li> <li>▪ Natural Stone cladding on specified walls/wall areas</li> <li>▪ Tiles cladding on specified walls/wall areas</li> <li>▪ Decorative Wooden / POP moulding on walls / HDF wall panelling</li> <li>▪ Vinyl wall papers</li> <li>▪ Fabric wall papers</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plastic emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ MDF/HDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Solid wood panelled door</li> <li>• Solid wood glazed French door</li> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Door handles/locks &amp; latches – size 8”to 15” of good quality alloy/brass..</li> </ul>	--do--		<ul style="list-style-type: none"> <li>▪ Tiles cladding</li> <li>•External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination..</li> <li>• Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.</li> </ul>

# OFFICE BUILDINGS

## FINISHING MATERIAL SPECIFICATIONS

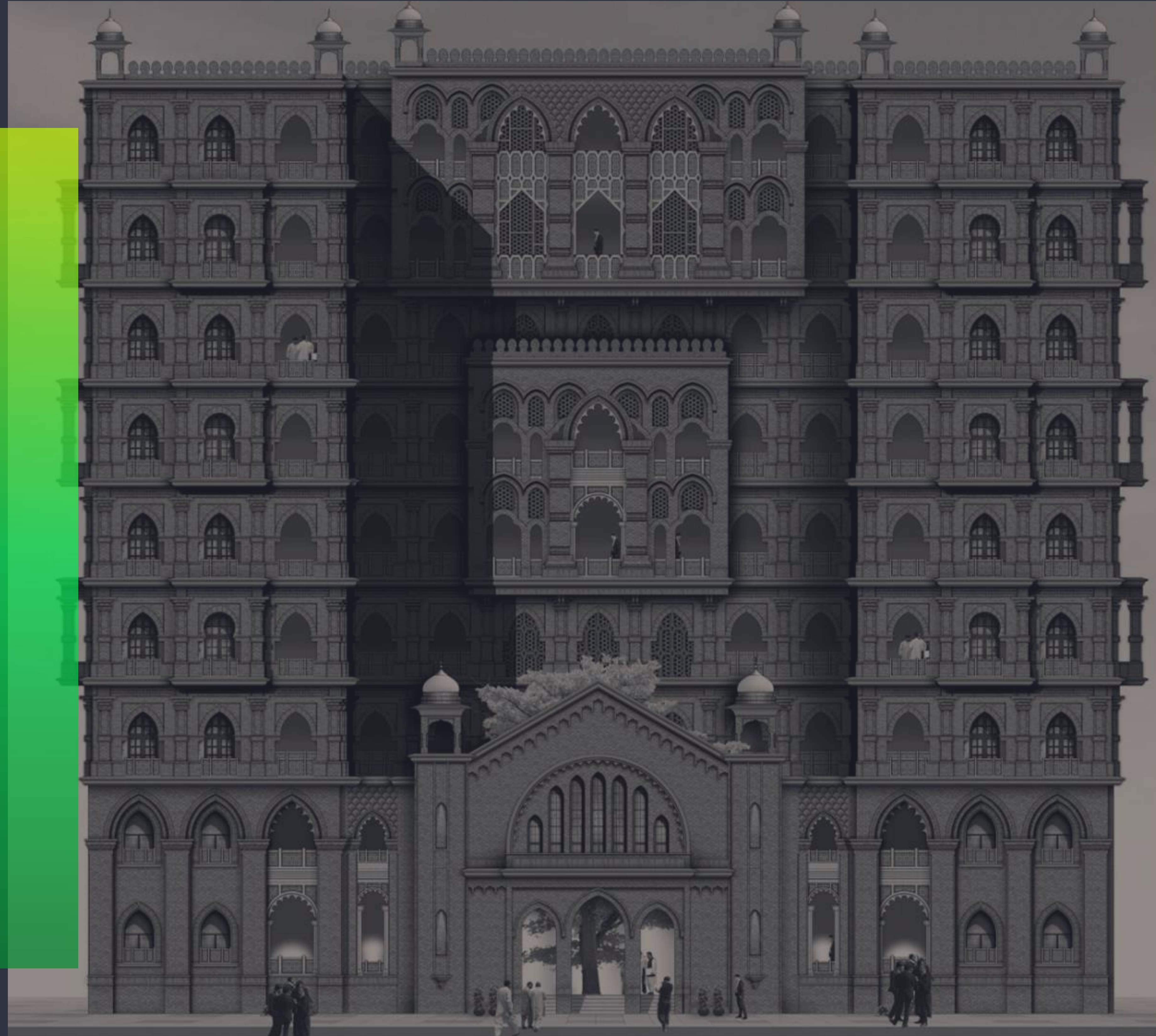
BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
STAFF OFFICES	<ul style="list-style-type: none"> <li>▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ plastic emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plastic emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	<ul style="list-style-type: none"> <li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>• Solid wood glazed open able windows with open able wire gauze panels.</li> <li>• UPVC glazed/double glazed sliding or open able windows.</li> <li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel..</li> </ul>	
RECORD ROOM	<ul style="list-style-type: none"> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> <li>▪ Terrazzo (cast in situ)</li> </ul>	-do-	-do-	-do-	--	<ul style="list-style-type: none"> <li>▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base.</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	-do-	
CONFERENCE ROOM/ BOARD ROOM/ MULTI PURPOSE HALL	<ul style="list-style-type: none"> <li>▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>• Solid hard wood flooring</li> <li>▪ Laminate Flooring</li> </ul>	-do-	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ Acrylic based plastic emulsion paint</li> <li>▪ Natural Stone/tiles cladding on specified walls/wall areas</li> <li>▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li> <li>▪ HDF/fibre cement board wall cladding</li> <li>▪ Vinyl wall papers</li> <li>▪ Fabric wall papers</li> <li>▪ Acoustic panels</li> </ul>	-do-	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling/Dampa</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>▪ MDF/HDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Solid wood panelled door</li> <li>• Solid wood glazed French door.</li> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	-do-	

## OFFICE BUILDINGS

### FINISHING MATERIAL SPECIFICATIONS

[illegible]

# JUDICIARY BUILDINGS



# **JUDICIARY BUILDINGS**

## **FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> <li>¾” Th. Natural Granite</li> <li>¾” Th. Natural Marble</li> <li>Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> <li>Solid hard wood flooring</li> </ul>	<ul style="list-style-type: none"> <li>4” high in matching material.</li> <li>Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>Matt enamel paint</li> <li>Acrylic based plastic emulsion paint</li> <li>Natural Stone cladding on specified walls/wall areas</li> <li>Tiles cladding on specified walls/wall areas</li> <li>Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li> <li>HDF/fibre cement board wall cladding</li> </ul>	<ul style="list-style-type: none"> <li>Plastic emulsion paint</li> <li>Matt Enamel paint</li> </ul>	<ul style="list-style-type: none"> <li>Plaster of Paris (POP) false ceiling</li> <li>Powder coated Al. panel False ceiling/Dampa</li> <li>2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>MDF/HDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>Solid wood panelled door</li> <li>Solid wood glazed French door</li> <li>Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>Solid wood Engineered door.</li> <li>Anodized Al glazed/semi glazed door window</li> <li>Tempered glass (12 mm th) frame less sensor door.</li> <li>Steel Collapsible door may be adopted with Al/uPVC profile where required.</li> <li>Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	<ul style="list-style-type: none"> <li>Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>Solid wood glazed open able windows with open able wire gauze panels.</li> <li>UPVC glazed/double glazed sliding or open able windows.</li> <li>Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li> </ul>	<ul style="list-style-type: none"> <li>Fair face brick</li> <li>Clad brick (Gutka)</li> <li>Fair face concrete</li> <li>Washed terrazzo</li> <li>Aluminum cladding panels</li> <li>Wall coatings <ul style="list-style-type: none"> <li>Acrylic coating</li> <li>Weather shield exterior paint</li> </ul> </li> <li>Natural stone cladding <ul style="list-style-type: none"> <li>Sand stone</li> <li>Slate stone</li> <li>Granite</li> <li>Marble</li> <li>Travertine</li> </ul> </li> <li>Tiles cladding</li> </ul>
STAIRCASE & ENT STEPS/ /RAMPS	<ul style="list-style-type: none"> <li>Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design.</li> <li>Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design</li> </ul>							
EXECUTIVE OFFICES	<ul style="list-style-type: none"> <li>Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>¾” th Granite</li> <li>¾” Th. Natural Marble</li> <li>Solid hard wood flooring</li> <li>Laminate Flooring</li> <li>Wood Plastic Composite floor</li> </ul>	<ul style="list-style-type: none"> <li>4” high in matching material.</li> <li>Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>Matt enamel paint</li> <li>Acrylic based plastic emulsion paint</li> <li>Natural Stone cladding on specified walls/wall areas</li> <li>Tiles cladding on specified walls/wall areas</li> <li>Decorative Wooden / POP moulding on walls / HDF wall panelling</li> <li>Vinyl wall papers</li> <li>Fabric wall papers</li> </ul>	<ul style="list-style-type: none"> <li>Plastic emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>Plaster of Paris (POP) false ceiling</li> <li>MDF/HDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>Solid wood panelled door</li> <li>Solid wood glazed French door</li> <li>Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>Solid wood Engineered door.</li> <li>Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	--do--	<ul style="list-style-type: none"> <li>External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination..</li> <li>Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.</li> </ul>

**JUDICIARY BUILDINGS**  
**FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
COURT ROOMS	<ul style="list-style-type: none"><li>▪ ¾” Th. Natural Granite</li><li>▪ ¾” Th. Natural Marble</li><li>▪ Porcelain Tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ Solid wood flooring in select areas.</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic emulsion paint</li><li>▪ Matt Enamel paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic emulsion paint</li><li>▪ Matt Enamel paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ Powder coated Al. panel False ceiling/Dumpa</li><li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li><li>▪ MDF/HDF false ceiling on solid wood frame.</li><li>▪ Solid wood false ceiling</li></ul>	<ul style="list-style-type: none"><li>• Solid wood panelled door</li><li>• Solid wood glazed French door</li><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li><li>▪ Solid wood Engineered door.</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li><li>• Solid wood glazed open able windows with open able wire gauze panels.</li><li>• UPVC glazed/double glazed sliding or open able windows.</li><li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li></ul>		
JUDGES CHAMBERS	<ul style="list-style-type: none"><li>▪ Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ ¾” th Granite</li><li>▪ ¾” Th. Natural Marble</li><li>▪ Solid hard wood flooring</li><li>▪ Laminate Flooring</li><li>▪ Wood Plastic Composite floor</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li></ul>	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ Acrylic based plastic emulsion paint</li><li>▪ Natural Stone cladding on specified walls/wall areas</li><li>▪ Tiles cladding on specified walls/wall areas</li><li>▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li><li>▪ HDF/fibre cement board wall cladding</li><li>▪ Vinyl wall papers</li><li>▪ Fabric wall papers</li></ul>	-do-	-do-	-do-	-do-		

# **JUDICIARY BUILDINGS**

## **FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
STAFF OFFICES	<ul style="list-style-type: none"> <li>▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ plastic emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plastic emulsion paint</li> <li>▪ Matt Enamel paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	<ul style="list-style-type: none"> <li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>• Solid wood glazed open able windows with open able wire gauze panels.</li> <li>• UPVC glazed/double glazed sliding or open able windows.</li> <li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li> </ul>	
RECORD ROOM	<ul style="list-style-type: none"> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> <li>▪ Terrazzo (cast in situ)</li> </ul>	-do-	-do-	-do-	Nil	<ul style="list-style-type: none"> <li>▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base.</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	-do-	
CONFERENCE ROOM/ BOARD ROOM/ MULTI PURPOSE HALL	<ul style="list-style-type: none"> <li>▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>• Solid hard wood flooring</li> <li>▪ Laminate Flooring</li> </ul>	-do-	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ Acrylic based plastic emulsion paint</li> <li>▪ Natural Stone/tiles cladding on specified walls/wall areas</li> <li>▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li> <li>▪ HDF/fibre cement board wall cladding</li> <li>▪ Vinyl wall papers</li> <li>▪ Fabric wall papers</li> <li>▪ Acoustic panels</li> </ul>	-do-	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling/Dampa</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>▪ MDF/HDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Solid wood panelled door</li> <li>• Solid wood glazed French door.</li> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	-do-	

with 5 mm Thick ply  
pressed over MDE

with 5 mm Thick ply  
pressed over MDE

# HOSPITALS & HEALTH CARE FACILITIES



# HOSPITALS AND HEALTH CARE FACILITIES

## FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC)	<ul style="list-style-type: none"> <li>▪ ¾” Th. Natural Granite</li> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> <li>▪ Epoxy Floor</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high skirting in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> <li>• Coving at the bottom of the dado &amp; Wooden / POP/PVC/marble moulding at the top of dado.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ Acrylic based plastic emulsion paint</li> <li>▪ Vinyl emulsion paint</li> <li>▪ Marble/Tiles cladding on specified walls/wall areas</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plastic emulsion paint</li> <li>• Matt enamel paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>▪ MDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Semi-Glazed Solid Wood Paneled Door with S.S. Bar at Stretchers' height</li> <li>• Anodized Al semi glazed door/door window with 5 mm th glass.</li> <li>• 12mm th tempered glass sensor doors with air curtain.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	<ul style="list-style-type: none"> <li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li> <li>• UPVC glazed/double glazed sliding/open able windows with wire gauze panel.</li> <li>• Solid wood glazed open able windows with open able wire gauze panels.</li> </ul>	<ul style="list-style-type: none"> <li>• UPVC/wooden/</li> <li>• S.S hand rail at stretcher’s height as per design.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Fair face brick</li> <li>▪ Clad brick (Gutka)</li> <li>▪ Fair face concrete</li> <li>▪ Washed terrazzo</li> <li>▪ Aluminum cladding panels</li> <li>▪ Wall coatings <ul style="list-style-type: none"> <li>•Acrylic coating</li> <li>•Weather shield exterior paint</li> </ul> </li> <li>▪ Natural stone cladding <ul style="list-style-type: none"> <li>• Sand stone</li> <li>• Slate stone</li> <li>• Granite</li> <li>• Marble</li> <li>• Travertine</li> </ul> </li> <li>▪ Tiles cladding</li> <li>•External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick/conglomerate or their combination..</li> <li>• Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.</li> </ul>
EXECUTIVE LOBBY/ WAITING/ CORRIDORS	<ul style="list-style-type: none"> <li>▪ ¾” Th. Natural Granite</li> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> </ul>	-do-	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ Acrylic based plastic emulsion paint</li> <li>▪ Marble/Tiles cladding on specified walls/wall areas</li> <li>▪ Decorative Wooden / POP/PVC moulding on walls.</li> <li>▪ HDF/MDF/FCB wall cladding</li> </ul>	-do-	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>▪ MDF false ceiling on solid wood frame.</li> <li>▪ Solid wood false ceiling</li> </ul>	<ul style="list-style-type: none"> <li>• Solid wood panelled door .</li> <li>• Solid wood glazed French door</li> <li>• Solid core flush doors with 5 mm Thick ply pressed over 3 mm thick ply.</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Anodized Al glazed door.</li> <li>▪ Tempered glass (12 mm th) frame less open able door with floor machine and pivot.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	-do-		

**HOSPITALS AND HEALTH CARE FACILITIES**  
**FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
SEMI STERILE AREA/CLEAN CORRIDORS & LOBBIES	<ul style="list-style-type: none"><li>▪ ¾” Th. Natural Granite</li><li>• Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>• Epoxy flooring</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li><li>• Coving at the bottom of the dado &amp; Wooden / POP/PVC/marble moulding at the top of dado.</li></ul>	<ul style="list-style-type: none"><li>• Antimicrobial Paint</li></ul>	<ul style="list-style-type: none"><li>• Antimicrobial Paint</li></ul>	NIL	<ul style="list-style-type: none"><li>• Solid core flush door with SS plate up to stretcher/bed height or 3’-6”.</li><li>• Anodized/powder coated Aluminum semi glazed Door with S.S bar/Plate at Stretchers' Height.</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Optional fixed window if necessarily required in Anodized aluminum /uPVC as per architect specification</li></ul>	<ul style="list-style-type: none"><li>• UPVC/wooden/S.S hand rail at stretcher’s height as per design.</li></ul>	
STAIRCASE & ENT STEPS/RAMPS	<ul style="list-style-type: none"><li>• Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design.</li><li>• Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design</li></ul>								
OPERATION THEATRES/ SURGICAL SUITES/ CATHETERIZATION LAB	<ul style="list-style-type: none"><li>• Homogeneous Vinyl Sheet Flooring</li><li>• Homogeneous sheet rubber</li><li>• Poured flooring (Epoxy)</li></ul>		<ul style="list-style-type: none"><li>• Stainless Steel lining on Internal Wall/ As proposed by concerned Experts (Modular O.Ts)</li><li>• Antimicrobial Paint</li></ul>	<ul style="list-style-type: none"><li>▪ Antimicrobial Paint</li></ul>	NIL	<ul style="list-style-type: none"><li>• Hermetic S.S sensor Doors/As proposed by concerned Experts</li></ul>	NIL		

**HOSPITALS AND HEALTH CARE FACILITIES**  
**FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
CONSULTANT ROOMS	<ul style="list-style-type: none"><li>▪ ¾” Th. Natural Marble/granite</li><li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li><li>• Coving at the bottom of the dado &amp; Wooden / POP/PVC/marble moulding at the top of dado.</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic emulsion paint</li><li>▪ Matt enamel paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic emulsion paint</li><li>▪ Matt enamel paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ Powder coated Al. panel False ceiling</li><li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li></ul>	<ul style="list-style-type: none"><li>• Solid core Wooden Flush Door with. S.S bar/Plate upto Stretcher/ bed height.</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li><li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li><li>• UPVC glazed/double glazed sliding/open able windows with wire gauze panels.</li><li>• Solid wood glazed open able windows with open able wire gauze panels.</li></ul>	
MO & STAFF ROOMS	<ul style="list-style-type: none"><li>▪ Matt Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li></ul>	-do-	-do-	-do-	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li></ul>	<ul style="list-style-type: none"><li>▪ Solid core semi glazed flush doors with. S.S bar/Plate upto Stretcher/bed Height.</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	-do-	
NURSING UNITS /WARDS	<ul style="list-style-type: none"><li>▪ ¾” Th. Natural Marble</li><li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li></ul>	-do-	-do-	-do-	Powder coated Al. panel False ceiling	-do-	-do-	

# HOSPITALS AND HEALTH CARE FACILITIES

## FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
ICU/CCU	<ul style="list-style-type: none"> <li>• Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>• Epoxy flooring.</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> <li>• Coving at the bottom of the dado &amp; Wooden / POP/PVC/marble moulding at the top of dado.</li> </ul>	<ul style="list-style-type: none"> <li>• Plastic emulsion paint</li> <li>• Matt Enamel paint.</li> <li>• Antimicrobia l Paint</li> </ul>	<ul style="list-style-type: none"> <li>• Plastic emulsion paint</li> <li>• Matt Enamel paint.</li> <li>• Antimicrobial Paint</li> </ul>	NIL	<ul style="list-style-type: none"> <li>• Anodized Aluminum semi glazed Door with S.S Plate up to Stretchers’/bed Height</li> <li>• Semi Glazed Solid core Wooden flush Door with. S.S Plate at Stretchers’/bed Height <ul style="list-style-type: none"> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li> <li>• UPVC glazed/double glazed sliding/open able windows with wire gauze panels.</li> <li>• Solid wood glazed open able/fixed windows with open able wire gauze panels.</li> </ul>	
CSSD	<ul style="list-style-type: none"> <li>▪ ¾” Th. Natural Marble</li> <li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>▪ Epoxy flooring.</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	-do-	-do-	NIL	<ul style="list-style-type: none"> <li>• Semi Glazed Solid core Wooden flush Door with. S.S Plate up to 3’-6“</li> <li>• Anodized Al semi glazed door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	NIL	
RADIOLOGY FLOUROSCOPY X-RAY C.T SCAN MAMOGRAPHY	<ul style="list-style-type: none"> <li>• Epoxy/chemical flooring.</li> <li>• Antistatic Floor / As proposed by concerned Experts</li> </ul>	<ul style="list-style-type: none"> <li>• Solvent coating on dado</li> </ul>	<ul style="list-style-type: none"> <li>• X-Ray shield chemical coating.</li> <li>• Lead lining inside wall</li> </ul>	<ul style="list-style-type: none"> <li>• X-Ray shield chemical coating.</li> <li>• Lead lining inside slab</li> </ul>	NIL	<ul style="list-style-type: none"> <li>• X-Ray Shield Door.</li> </ul>	NIL	
LINEAR ACCELERATOR	<ul style="list-style-type: none"> <li>• Antistatic Flooring</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>• Lead lining inside 4 feet thick wall</li> </ul>	<ul style="list-style-type: none"> <li>• X-Ray shield chemical coating.</li> <li>• Lead lining inside slab</li> </ul>	NIL	<ul style="list-style-type: none"> <li>• Linear accelerator Shield Door.</li> </ul>	NIL	

**HOSPITALS AND HEALTH CARE FACILITIES**  
**FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS
PATHOLOGY LABS	<ul style="list-style-type: none"><li>• Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>• Epoxy Floor</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li><li>• Coving at the bottom of the dado &amp; Wooden / POP/PVC/marble moulding at the top of dado.</li></ul>	•Antimicrobial Paint	•Antimicrobial Paint	NIL	<ul style="list-style-type: none"><li>• Solid core flush doors with 5 mm Thick ply pressed over 3 mm thick ply with S.S bar/Plate at Stretchers' Height.</li><li>• Door handles/locks &amp; latches – size 8” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li><li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li><li>• UPVC glazed/double glazed sliding/open able windows with wire gauze panels.</li><li>• Solid wood glazed open able/fixed windows with open able wire gauze panels.</li></ul>	<ul style="list-style-type: none"><li>▪ Height of all counters in Labs to be kept at 3’-0”from F.F. Level.</li><li>▪ All counter tops to be finished in natural marble/ granite/ brushed S.S sheets</li><li>▪ Cabinets with RCC structure and tile cladding inside</li><li>▪ PVC formboard / UV sheet/ MDF lamination board Cabinet shutters to be provided.</li></ul>
LAUNDRY	<ul style="list-style-type: none"><li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ Terrazzo tiles 2” th 24”x24” or</li><li>▪ 18” x18”/ 1” th 12”x12”</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li></ul>	<ul style="list-style-type: none"><li>•Acrylic based plastic emulsion paint</li><li>•Vinyl emulsion</li></ul>	▪ Plastic emulsion paint	NIL	• Aluminum Doors/As proposed by concerned Experts.	-do-	
GENERAL STORES/ MEDICINE STORES	<ul style="list-style-type: none"><li>▪ ¾” Th. Natural Marble</li><li>▪ Terrazzo tiles 2” th 24”x24” or</li><li>▪ 18” x18”/ 1” th 12”x12”</li></ul>	-do-	-do-	-do-	NIL	<ul style="list-style-type: none"><li>• Solid core flush doors with 5 mm Thick ply pressed over 3 mm thick ply</li><li>• Door handles/locks &amp; latches – size 8” of good quality alloy/brass.</li></ul>	-do-	

## HOSPITALS AND HEALTH CARE FACILITIES

### FINISHING MATERIAL SPECIFICATIONS

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# EDUCATION INSTITUTIONS/ UNIVERSITIES



# EDUCATIONAL INSTITUTIONS/UNIVERSITIES

## FINISHING MATERIAL SPECIFICATIONS

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	EXTERIOR FINISH
LOBBIES/ RECEPTIONS/ WAITING AREAS/ VERANDAHS & CORRIDORS (PUBLIC & EXECUTIVE)	<ul style="list-style-type: none"> <li>¾” Th. Natural Granite</li> <li>¾” Th. Natural Marble</li> <li>Appropriate Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> <li>Solid hard wood flooring</li> </ul>	<ul style="list-style-type: none"> <li>4” high in matching material.</li> <li>Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> <li>Wooden / POP/PVC/marble moulding at the top of dado.</li> </ul>	<ul style="list-style-type: none"> <li>Matt enamel paint</li> <li>Acrylic based plastic emulsion paint</li> <li>Natural Stone cladding on specified walls/wall areas</li> <li>Tiles cladding on specified walls/wall areas</li> <li>Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li> <li>HDF/fibre cement board wall cladding</li> </ul>	<ul style="list-style-type: none"> <li>Plastic Emulsion paint</li> <li>Matt Enamel paint</li> </ul>	<ul style="list-style-type: none"> <li>Plaster of Paris (POP) false ceiling</li> <li>Powder coated Al. panel False ceiling/Dampa</li> <li>2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>MDF/HDF false ceiling on solid wood frame.</li> </ul>	<ul style="list-style-type: none"> <li>Solid wood panelled door (main doors)</li> <li>Solid wood glazed French door</li> <li>Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>Solid wood Engineered door.</li> <li>Anodized Al glazed/semi glazed door window</li> <li>Tempered glass (12 mm th) frame less open able door with pivot assembly floor machine</li> <li>Tempered glass (12 mm th) frame less sensor door.</li> <li>Steel Collapsible door may be adopted with Al/uPVC profile where required.</li> </ul>	<ul style="list-style-type: none"> <li>Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>Solid wood glazed open able windows with open able wire gauze panels.</li> <li>UPVC glazed sliding/open able windows.</li> <li>Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li> </ul>	<ul style="list-style-type: none"> <li>Fair face brick</li> <li>Clad brick (Gutka)</li> <li>Fair face concrete</li> <li>Washed terrazzo</li> <li>Aluminum cladding panels</li> <li>Wall coatings <ul style="list-style-type: none"> <li>Acrylic coating</li> <li>Weather shield exterior paint</li> </ul> </li> <li>Natural stone cladding <ul style="list-style-type: none"> <li>Sand stone</li> <li>Slate stone</li> <li>Granite</li> <li>Marble</li> <li>Travertine</li> </ul> </li> <li>Tiles cladding</li> <li>External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination.</li> <li>Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.</li> </ul>
STAIRCASE & ENT STEPS/ RAMPS	<ul style="list-style-type: none"> <li>Stair cases to be finished in 1” thick pre polished granite slab or 1” thick pre polished marble slab with non skid strips/grooves along front edges</li> <li>Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design</li> </ul>							S.S staircase railing with S.S. pipe
CLASS ROOMS	<ul style="list-style-type: none"> <li>Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> </ul>	<ul style="list-style-type: none"> <li>4” high in matching material.</li> <li>Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> <li>Wooden / POP/PVC/marble moulding at the top of dado.</li> </ul>	<ul style="list-style-type: none"> <li>Matt enamel paint</li> <li>Acrylic based plastic emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>Plastic Emulsion paint</li> </ul>	-Nil-	<ul style="list-style-type: none"> <li>Solid wood Engineered door.</li> <li>UPVC doors</li> <li>Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	<ul style="list-style-type: none"> <li>Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>Solid wood glazed French open able windows with open able wire gauze panels.</li> <li>UPVC glazed sliding/open able windows.</li> </ul>	

**EDUCATIONAL INSTITUTIONS/UNIVERSITIES**  
**FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
LABS	<ul style="list-style-type: none"><li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li></ul>	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ Acrylic based plastic emulsion paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic Emulsion paint</li></ul>	-Nil-	<ul style="list-style-type: none"><li>▪ Solid wood Engineered door.</li><li>▪ UPVC doors</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li><li>• Solid wood glazed French open able windows with open able wire gauze panels.</li><li>• UPVC glazed sliding/open able windows.</li></ul>	<ul style="list-style-type: none"><li>▪ Height of all counters in Labs to be kept at 3’-0”from F.F. Level.</li><li>▪ All counter tops to be finished in natural marble/ granite/ brushed S.S sheets</li><li>▪ Cabinets with RCC structure and tile cladding inside</li><li>▪ PVC formboard / UV sheet/ MDF lamination board</li><li>Cabinet shutters to be provided.</li></ul>	
OFFICES	<ul style="list-style-type: none"><li>▪ Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ ¾” th Granite</li><li>▪ ¾” Th. Natural Marble</li><li>▪ Solid hard wood flooring</li><li>▪ Laminate Flooring</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li><li>• Wooden / POP/PVC/marble moulding at the top of dado.</li></ul>	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ Acrylic based plastic emulsion paint</li><li>▪ Natural Stone cladding on specified walls/wall areas</li><li>▪ Tiles cladding on specified walls/wall areas</li><li>▪ Decorative Wooden / POP moulding on walls / HDF wall panelling</li><li>▪ Vinyl wall papers</li><li>▪ Fabric wall papers</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic Emulsion paint</li><li>▪ Matt Enamel paint</li><li>▪ Vinyl Emulsion paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ Powder coated Al. panel False ceiling/Dampa</li><li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li><li>▪ MDF/HDF false ceiling on solid wood frame.</li></ul>	<ul style="list-style-type: none"><li>• Solid wood panelled door</li><li>Solid wood glazed French door</li><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li><li>▪ Solid wood Engineered door.</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li><li>• Solid wood glazed open able windows with open able wire gauze panels.</li><li>• UPVC glazed sliding/open able windows.</li><li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li></ul>		
RECORD ROOM	<ul style="list-style-type: none"><li>▪ ¾” Th. Natural Marble</li><li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li><li>▪ Terrazzo (cast in situ)</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li></ul>	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ plastic emulsion paint</li><li>▪ Tiles cladding on specified walls/wall areas</li></ul>	-do-	-Nil-	<ul style="list-style-type: none"><li>▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base.</li><li>▪ Solid wood Engineered door.</li></ul>	-do-		

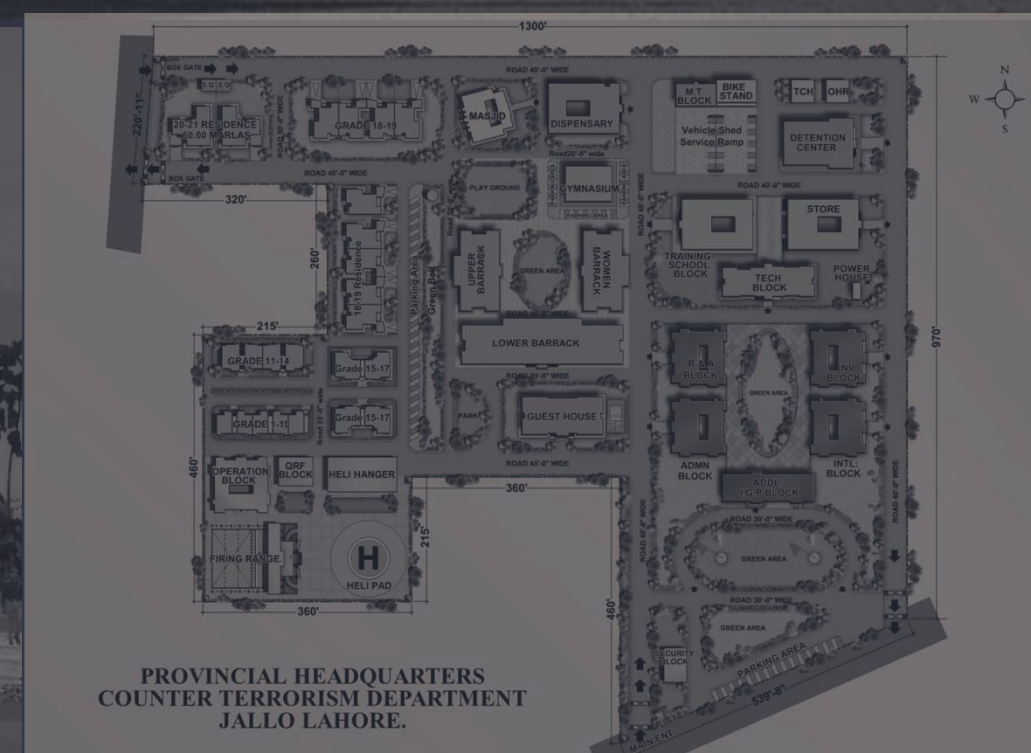
**EDUCATIONAL INSTITUTIONS/UNIVERSITIES**  
**FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
CONFERENCE ROOM	<ul style="list-style-type: none"><li>▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>• Solid hard wood flooring</li><li>▪ Laminate Flooring</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li><li>• Wooden / POP/PVC/mar ble moulding at the top of dado.</li></ul>	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ Acrylic based plastic emulsion paint</li><li>▪ Natural Stone cladding on specified walls/wall areas</li><li>▪ Tiles cladding on specified walls/wall areas</li><li>▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li><li>▪ Vinyl wall papers</li><li>▪ Fabric wall papers</li><li>▪ Acoustic panels (fabric finished)</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic emulsion paint</li><li>▪ Matt Enamel paint</li><li>▪ Vinyl Emulsion paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ Powder coated Al. panel False ceiling/Dampa</li><li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li><li>▪ MDF/HDF false ceiling on solid wood frame.</li></ul>	<ul style="list-style-type: none"><li>• Solid wood panelled door</li><li>• Solid wood glazed French door</li><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li><li>▪ Solid wood Engineered door.</li><li>▪ Anodized Al glazed/semi glazed door window</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li><li>• Solid wood glazed open able windows with open able wire gauze panels.</li><li>• UPVC glazed sliding/open able windows.</li><li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li></ul>		
LIBRARY	-do-	-do-	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ Acrylic based plastic emulsion paint</li><li>▪ Natural Stone cladding on specified walls/wall areas</li><li>▪ Tiles cladding on specified walls/wall areas</li></ul>	-do-	-do-	-do-	-do-		
LECTURE THEATER	<ul style="list-style-type: none"><li>▪ Matt Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ Solid hard wood flooring</li><li>▪ Laminate Flooring</li></ul>	-do-	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ plastic emulsion paint</li><li>▪ Acoustic Panelling</li></ul>	-do-	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ MDF/HDF false ceiling on solid wood frame.</li></ul>	<ul style="list-style-type: none"><li>▪ Solid core flush doors with 5 mm Thick ply pressed over MDF base</li><li>▪ Solid wood Engineered door.</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	-do-		

## EDUCATIONAL INSTITUTIONS/UNIVERSITIES

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# POLICE & COUNTER TERRORISM FACILITIES



# **POLICE & COUNTER TERRORISM FACILITIES**

## **FINISHING MATERIAL SPECIFICATIONS**

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**POLICE & COUNTER TERRORISM FACILITIES**  
**FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
EXECUTIVE OFFICES	<ul style="list-style-type: none"><li>▪ Porcelain tiles (full body) (24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ ¾” th Granite</li><li>▪ ¾” Th. Natural Marble</li><li>▪ Solid hard wood flooring</li><li>▪ Laminate Flooring</li><li>▪ Wood Plastic Composite floor</li></ul>	<ul style="list-style-type: none"><li>• 4” high in matching material.</li><li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li></ul>	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ Acrylic based plastic emulsion paint</li><li>▪ Natural Stone cladding on specified walls/wall areas</li><li>▪ Tiles cladding on specified walls/wall areas</li><li>▪ Decorative Wooden / POP moulding on walls / HDF wall panelling</li><li>▪ Vinyl wall papers</li><li>▪ Fabric wall papers</li></ul>	<ul style="list-style-type: none"><li>▪ Plastic emulsion paint</li></ul>	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ Powder coated Al. panel False ceiling/Dampa</li><li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li><li>▪ MDF/HDF false ceiling on solid wood frame.</li></ul>	<ul style="list-style-type: none"><li>• Solid wood panelled door</li><li>• Solid wood glazed French door</li><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li><li>▪ Solid wood Engineered door.</li><li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li></ul>	<ul style="list-style-type: none"><li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li><li>• Solid wood glazed open able windows with open able wire gauze panels.</li><li>• UPVC glazed sliding/open able windows.</li><li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li></ul>		<ul style="list-style-type: none"><li>• External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo o/terrazzo tiles/brick or their combination..</li><li>• Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.</li></ul>
STAFF OFFICES	<ul style="list-style-type: none"><li>▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li><li>▪ ¾” Th. Natural Marble</li><li>▪ Laminate Flooring</li><li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li></ul>	-do-	<ul style="list-style-type: none"><li>▪ Matt enamel paint</li><li>▪ Acrylic based plastic emulsion paint</li><li>▪ Tiles cladding on specified walls/wall areas</li></ul>	-do-	<ul style="list-style-type: none"><li>▪ Plaster of Paris (POP) false ceiling</li><li>▪ Powder coated Al. panel False ceiling</li><li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li></ul>	<ul style="list-style-type: none"><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li><li>▪ Solid wood Engineered door.</li><li>▪ Tempered glass (12 mm th) frame less open able door.</li></ul>	-do-		

# **POLICE & COUNTER TERRORISM FACILITIES**

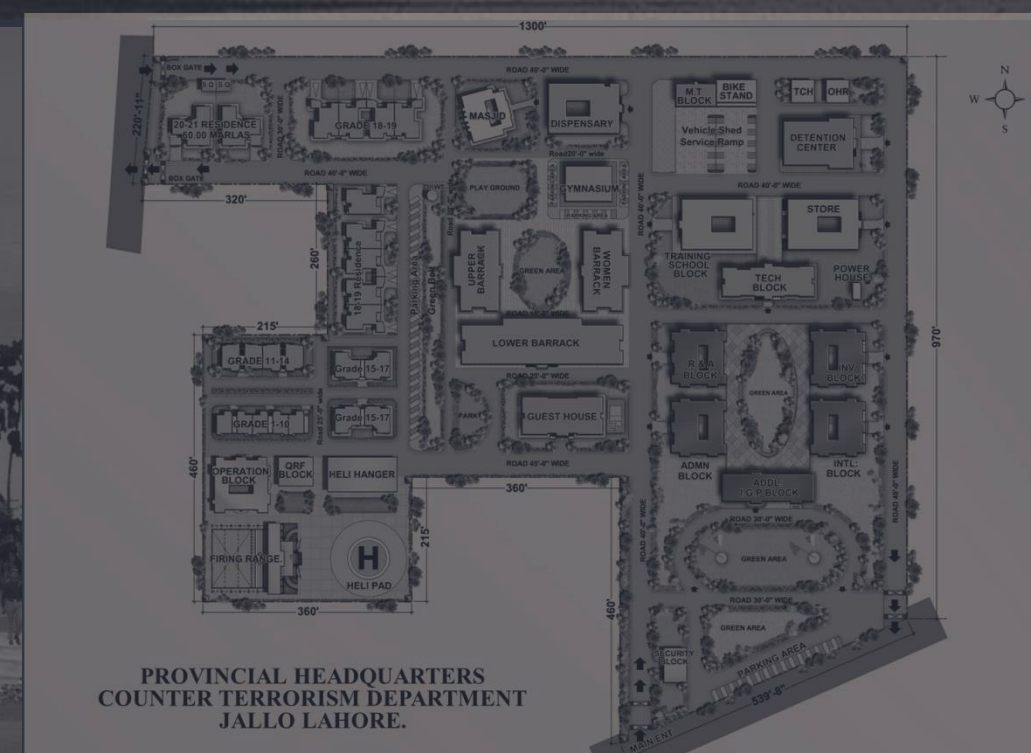
## **FINISHING MATERIAL SPECIFICATIONS**

BUILDING COMPONENT	FLOORS	SKIRTING & DADO	WALLS	CEILING	FALSE CEILING	DOORS	WINDOWS
RECORD ROOM/ STORE	<ul style="list-style-type: none"> <li>▪ Terrazzo tiles 2” th 24”x24” or 18” x18”/ 1” th 12”x12”</li> <li>▪ Terrazzo (cast in situ)</li> </ul>	<ul style="list-style-type: none"> <li>• 4” high in matching material.</li> <li>• Dado in matching material up to 4’-0”or other appropriate height decided by the architect.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Vinyl emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Vinyl emulsion paint</li> </ul>	-Nil-	<ul style="list-style-type: none"> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered wooden door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	<ul style="list-style-type: none"> <li>• Powder coated/Anodized Al. sliding glazed windows with 5 mm thick glass and wire gauze panel.</li> <li>• Solid wood glazed open able windows with open able wire gauze panels.</li> <li>• UPVC glazed sliding/open able windows.</li> <li>• Anodized Al. sliding double glazed windows with tempered glass (filled with Argon gas) with wire gauze panel.</li> </ul>
CONFERENCE ROOM/ BOARD ROOM	<ul style="list-style-type: none"> <li>▪ Porcelain tiles (full body) 24”x24” / 24”x48” or as deemed appropriate by the architect.</li> <li>• Solid hard wood flooring</li> <li>▪ Laminate Flooring</li> </ul>	-do-	<ul style="list-style-type: none"> <li>▪ Matt enamel paint</li> <li>▪ Plastic emulsion paint</li> <li>▪ Natural Stone /Tiles cladding on specified walls/wall areas</li> <li>▪ Decorative Wooden / POP/PVC/MDF moulding on walls / wall cladding.</li> <li>▪ HDF/fibre cement board wall cladding</li> <li>▪ Vinyl wall papers</li> <li>▪ Fabric wall papers</li> <li>▪ Acoustic panels</li> </ul>	<ul style="list-style-type: none"> <li>• Plastic emulsion paint</li> <li>• Vinyl emulsion paint</li> </ul>	<ul style="list-style-type: none"> <li>▪ Plaster of Paris (POP) false ceiling</li> <li>▪ Powder coated Al. panel False ceiling</li> <li>▪ 2’x2’ Gypsum board false ceiling on Al. frame.</li> <li>▪ MDF false ceiling on solid wood frame.</li> <li>▪ Solid wood false ceiling</li> </ul>	<ul style="list-style-type: none"> <li>• Solid wood panelled door</li> <li>• Solid wood glazed French door</li> <li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li> <li>▪ Solid wood Engineered door.</li> <li>▪ Anodized Al glazed door window</li> <li>▪ Tempered glass (12 mm th) frame less open able door.</li> <li>▪ Door handles/locks &amp; latches – size 8” to 15” of good quality alloy/brass.</li> </ul>	-do-

good quality alloy/brass.

good quality alloy/brass.

# OFFICER'S & STAFF BARRACKS



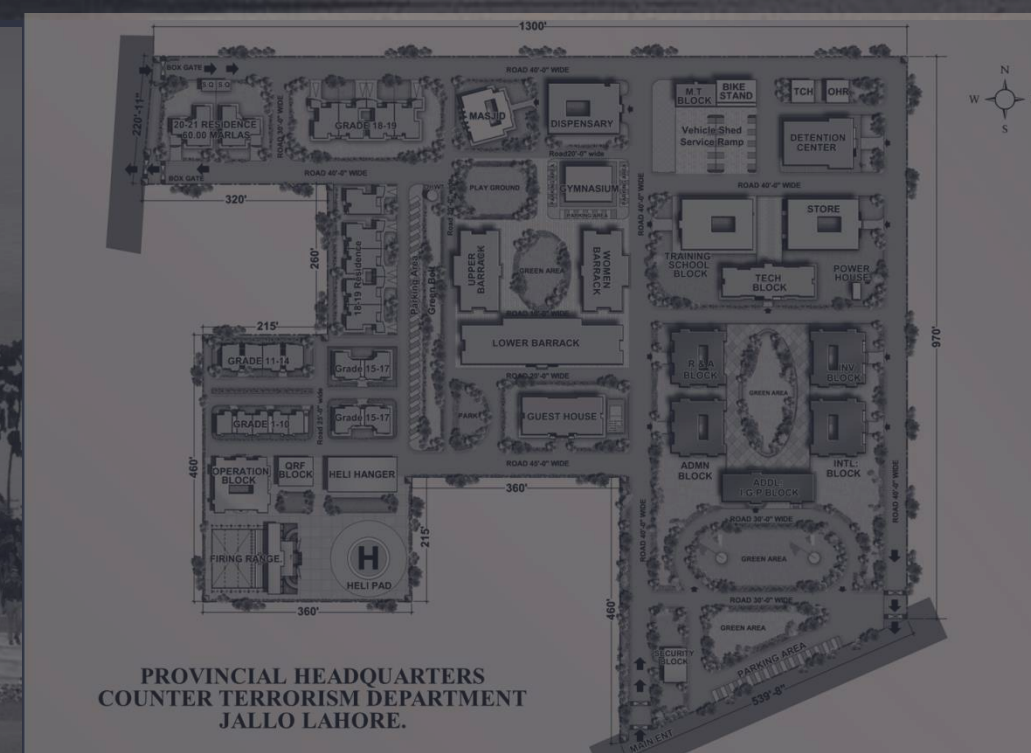


## OFFICER/STAFF BARRACKS FINISHING MATERIAL SPECIFICATIONS

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# JAILS

## PRISONER BARRACKS, CELLS, FACTORY & CLASSROOM



**JAILS**  
**FINISHING MATERIAL SPECIFICATIONS**  
**PRISONER BARRACKS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	DOORS	WINDOWS	MISCELLANEOUS	EXTERIOR FINISH
VERANDAH/ CORRIDOR	<ul style="list-style-type: none"><li>▪ Terrazzo tiles</li><li>▪ Terrazzo</li></ul>	<ul style="list-style-type: none"><li>• Terrazzo tiles up to 4'-0" Height</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Steel grating doors as per design/ jail manual</li></ul>			<ul style="list-style-type: none"><li>▪ Fair face brick</li><li>▪ Clad brick (Gutka)</li><li>▪ Fair face concrete</li><li>▪ Washed terrazzo</li><li>▪ Aluminum cladding panels</li></ul> <ul style="list-style-type: none"><li>▪ Wall coatings<ul style="list-style-type: none"><li>•Acrylic coating</li><li>•Weather shield exterior paint</li></ul></li><li>▪ Natural stone cladding<ul style="list-style-type: none"><li>• Sand stone</li><li>• Slate stone</li><li>• Granite</li><li>• Marble</li><li>• Travertine</li></ul></li></ul>
STAIRCASE	<ul style="list-style-type: none"><li>• Stair cases to be finished in 1" thick pre polished granite slab or 1" thick pre polished marble slab with non skid strips/grooves along front edges S.S staircase railing with S.S. pipe handrail as per architect design/ M.S staircase square bar railing with solid wood hand rail above as per architect design.</li><li>• Ramps to be finished in conglomerate /terrazzo/ marble in non slip pattern as per architect design</li></ul>							
BARRACK	<ul style="list-style-type: none"><li>• Terrazzo tiles</li><li>• Terrazzo</li></ul>	<ul style="list-style-type: none"><li>• 4" skirting same as floor</li><li>• Terrazzo tiles up to 4'-0" Height</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Steel grating doors as per design/ jail manual</li></ul>	<ul style="list-style-type: none"><li>• M.S. bars and steel shutters as per design/ jail manual</li></ul>		
GUARD ROOM	<ul style="list-style-type: none"><li>• 24"x24" porcelain tiles or as deemed appropriate by the architect.</li></ul>	<ul style="list-style-type: none"><li>• 4" skirting same as floor</li></ul>	-do-	-do-	<ul style="list-style-type: none"><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li></ul>	<ul style="list-style-type: none"><li>• Anodized Aluminium sliding window with tampered glass and M.S bars and safety grill.</li></ul>		
WASHROOMS	<ul style="list-style-type: none"><li>▪ Porcelain tiles (any appropriate size)</li><li>▪ Ceramic tiles (any appropriate size )</li></ul>	<ul style="list-style-type: none"><li>• Glazed tiles up to ceiling height</li></ul>	-do-	-do-	<ul style="list-style-type: none"><li>• M.S steel doors</li></ul>	<ul style="list-style-type: none"><li>• M.S. bars and steel shutters as per design/ jail manual</li></ul>		
KITCHEN/ PANTRY	<ul style="list-style-type: none"><li>• Terrazzo tiles</li></ul>	<ul style="list-style-type: none"><li>• 4" skirting same as floor</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Steel grating doors as per design/ jail manual</li></ul>	<ul style="list-style-type: none"><li>• M.S. bars and steel shutters as per design/ jail manual</li></ul>	<ul style="list-style-type: none"><li>• Marble/granite tops to be given</li><li>• Heavy duty 12" dia Exhaust fans to be provided</li></ul>	

**JAILS**  
**FINISHING MATERIAL SPECIFICATIONS**


**PRISONER CELLS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	DOORS	WINDOWS	EXTERIOR FINISH
VERANDAH/ CORRIDOR	<ul style="list-style-type: none"><li>• Terrazzo tiles</li></ul>	<ul style="list-style-type: none"><li>• Terrazzo tiles up to 4’-0” Height</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint above dado</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Steel grating doors as per design/ jail manual</li></ul>		<ul style="list-style-type: none"><li>• External Decks / pathways / Driveways may be finished in concrete pavers/marble/terrazzo/terrazzo tiles/brick or their combination..</li><li>• Roof may be finished in 12” x 12” x 1” Thick Terrazzo Tiles/Mud brick/Marble.</li></ul>
CELL	<ul style="list-style-type: none"><li>• Terrazzo tiles</li></ul>	<ul style="list-style-type: none"><li>• 4” skirting same as floor</li><li>• Terrazzo tiles up to 4’-0” Height</li></ul>	-do-	-do-	<ul style="list-style-type: none"><li>• Steel grating doors as per design/ jail manual</li></ul>	<ul style="list-style-type: none"><li>• M.S. bars and steel shutters as per design/ jail manual</li></ul>	
GUARD ROOM	<ul style="list-style-type: none"><li>• 24”x24” porcelain tiles or as deemed appropriate by the architect.</li></ul>	<ul style="list-style-type: none"><li>• 4” skirting same as floor</li></ul>	-do-	-do-	<ul style="list-style-type: none"><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li></ul>	<ul style="list-style-type: none"><li>• Anodized Aluminium sliding window tampered glass and M.S safety grill.</li></ul>	
WASHROOM	<ul style="list-style-type: none"><li>▪ Porcelain tiles</li><li>• (any appropriate size)</li><li>▪ Ceramic tiles</li><li>• (any appropriate size )</li></ul>	<ul style="list-style-type: none"><li>• Glazed tiles up to ceiling height</li></ul>	-do-	-do-	<ul style="list-style-type: none"><li>• M.S steel doors</li></ul>	<ul style="list-style-type: none"><li>• M.S. bars and steel shutters as per design/ jail manual</li></ul>	

**JAILS**  
**FINISHING MATERIAL SPECIFICATIONS**

**FACTORY AND CLASS ROOMS**

BUILDING COMPONENT	FLOORS	SKIRTING / DADO	WALLS	CEILING	DOORS	WINDOWS	EXTERIOR FINISH
VERANDAH/ CORRIDOR	<ul style="list-style-type: none"><li>• Terrazzo Tiles</li><li>• Terrazzo</li><li>• 24”x24” porcelain tiles or as deemed appropriate by the architect.</li></ul>	<ul style="list-style-type: none"><li>• 4” skirting same as floor</li><li>• Terrazzo tiles up to 4’-0” Height</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Vinyl emulsion paint</li></ul>	<ul style="list-style-type: none"><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li><li>• Steel grating doors as per design/ jail manual</li></ul>		
WORK SHOPS	-do-	-do-	-do-	-do-	-do-	<ul style="list-style-type: none"><li>• Anodized Aluminium sliding window tampered glass and M.S bars and safety grill.</li></ul>	
CLASS ROOMS	-do-	-do-	-do-	-do-	-do-	-do-	
GUARD ROOM	<ul style="list-style-type: none"><li>• 24”x24” porcelain tiles or as deemed appropriate by the architect.</li></ul>	<ul style="list-style-type: none"><li>• 4” skirting same as floor</li></ul>	-do-	-do-	<ul style="list-style-type: none"><li>• Solid core flush doors with 5 mm Thick ply pressed over MDF base</li></ul>	-do-	
WASHROOM	<ul style="list-style-type: none"><li>▪ Porcelain tiles</li><li>• (any appropriate size)</li><li>▪ Ceramic tiles</li><li>• (any appropriate size )</li></ul>	<ul style="list-style-type: none"><li>• Glazed tiles up to ceiling height</li></ul>	-do-	-do-	<ul style="list-style-type: none"><li>• M.S steel doors</li></ul>	<ul style="list-style-type: none"><li>• M.S. bars and steel shutters as per design/ jail manual</li></ul>	



# GENERIC BUILDINGS SPECIFICATIONS

# **PROPOSAL FOR IMPROVED GENERIC BUILDINGS SPECIFICATIONS**

## **STRUCTURE MASONARY AND WATER PROOFING**

- EXPANSION JOINTS TO BE PROPERLY TREATED USING WATER STOPPERS, SEALANT AND COVER PLATES (IF NECESSARY). WORK TO BE CARRIED OUT THROUGH REPUTED FIRMS SUCH AS SIKA OR HILTI OR EQUIVALENT.
- BITUMEN FELT / WATER PROOFING ULTRA SEAL CHEMICAL COATING OR EQUIVALENT MATERIAL FOR DPC.
- UPVC / DRAINAGE PIPES TO BE PROPERLY JOINTED WITH SUITABLE ADHESIVES/CHEMICALS ETC. AS PROVIDED AND RECOMMENDED BY APPROVED MANUFACTURERS. DESIGN SLOPES TO BE MAINTAINED.
- WATER PROOFING MODIFIED BITUMEN MEMBRANES OR TWO COATS OF ULTRA SEAL CHEMICAL WATER PROOFING MAY BE USED INSTEAD OF BITUMEN AND POLYTHENE SHEETS FOR ROOF TREATMENT.
- CAVITY WALL MAY BE PROVIDED ON SOUTH / WEST SIDE.
- HOLLOW CONCRETE BLOCK MAY BE USED IN FRAME STRUCTURE FOR OUTER WALL SPECIALLY ON SOUTH / WEST SIDE.
- ASH FLY P.C.C. BLOCKS MAY BE USED IN FRAME STRUCTURE AS PARTITION WALL TO REDUCE THE LOAD AND TO MAKE THE LIGHT WEIGHT ECONOMICAL STRUCTURE.

## **ELECTRICAL & LIGHTING**

- BEST QUALITY ELECTRIC WIRES, ELECTRICAL AND LIGHTING FIXTURES , SWITCH GEARS / PANEL BOARDS, LIGHTENING CONDUCTORS AND ARRANGEMENTS TO BE PROCURED FROM APPROVED MANUFACTURERS (BOSCH, HI-LIFE OR EQUIVALENT).  
PREFERABLY CHINA FITTING IN GENERAL BUILDINGS FOR EASE OF COMPONENT REPLACEMENT.
- APPROVED WATER PROOF OUTDOOR LIGHTS FOR OUTDOOR AND BUILDING ILLUMINATION TO BE PROVIDED.
- BEST QUALITY APPROVED COPPER CONCEALED WIRING FOR ELECTRICITY (PAKISTAN CABLE/ FR CABLES OR EQUIVALENT) TO BE PROVIDED.
- EMERGENCY BACK UP ELECTRIC POWER GENERATOR & UPS SYSTEM AS PER BUILDING/ CLIENT'S REQUIREMENTS TO BE PROVIDED.
- CCTV SURVEILLANCE AND SECURITY SYSTEM TO BE PROVIDED WHERE REQUIRED.

## **BATHROOM & KITCHEN**

- R.C.C SLABS OF ALL LAVATORIES / WASH ROOMS / KITCHENS TO BE KEPT DEPRESSED BY 6" WHEREVER POSSIBLE TO INCORPORATE SANITARY PIPES OR UNDER SLAB FLEXIBLE JOINT FITTING SYSTEM TO BE GIVEN.
- FINISHED FLOORS OF ALL LAVATORIES / BATH ROOMS / KITCHENS / PANTRIES TO BE KEPT 3/4" LOWER FROM REMAINING FLOOR LEVEL.
- BEST QUALITY BATH ROOM FIXTURES TO BE INSTALLED (PORTA OR EQUIVALENT) FOR FIXTURES. GROHE, MASTER OR EQUIVALENT FOR FITTINGS AND ACCESSORIES.
- BEST QUALITY LOCAL BATHROOM FITTINGS (MASTER OR EQUIVALENT) TO BE PROVIDED.
- APPROPRIATE EXHAUST FANS TO BE PROVIDED IN EACH WASH ROOM / LAVATORY / KITCHEN/ PANTRY AND LABS AND WHERE IT IS REQUIRED.

# **PROPOSAL FOR IMPROVED GENERIC BUILDINGS SPECIFICATIONS**

## **PUBLIC HEALTH/ PLUMBING**

- BEST QUALITY PPRC APPROVED HOT & COLD WATER SUPPLY PIPES TO BE INSTALLED (POPULAR, TURK PLAST, MASTER OR EQUIVALENT).
- BEST QUALITY UPVC PIPES TO BE USED FOR SEWERAGE SYSTEM (POPULAR OR EQUIVALENT).
- SEPTIC TANK, SOAKAGE PIT & STORM WATER TANK WITH SUMP TO BE PROVIDED WHERE REQUIRED.
- TUBE WELL WITH BORE UP TO DRINKABLE WATER DEPTH (AS PER SITE CONDITIONS) ACCORDING TO PUBLIC HEALTH REQUIREMENTS TO BE PROVIDED WHERE REQUIRED.

## **TERMITE CONTROL**

- EFFECTIVE TERMITE PROOFING IN FOUNDATION AND BASE FLOOR IN APPROPRIATE MIX RATIO AND QUANTITY TO BE DONE IN FOLLOWING AREAS.
  - TRENCH FLOOR & WALLS
  - FOUNDATION MASONRY
  - BACK FILL MATERIAL UNDER FLOORING
  - OPEN LAWNS

## **THERMAL INSULATION / FIRE FIGHTING**

- THERMAL INSULATION 2" THICK HIGH DENSITY POLYURETHANE BOARD (JUMBOLON OR EQUIVALENT) TO BE INSTALLED ON ROOF.
- DOUBLE GLAZED GLASS FILLED WITH ARGON GAS MAY BE INSTALLED IN WINDOWS WHERE NECESSARY.
- SMOKE & HEAT DETECTION FIRE ALARM & FIRE FIGHTING SYSTEM TO BE PROVIDED WHERE REQUIRED.

## **EXTERIOR WORKS/EXTERNAL DEVELOPMENT**

- ALL CAST IN SITU PLANTERS TO BE MADE IN RCC WORKS / WATERPROOFED FROM INSIDE BEFORE FINISHING WITH SPECIFIED MATERIAL BY SIKA , ULTRA SEAL, ROOF GRIP OR EQUIVALENT.
- CONCRETE PAVERS FROM APPROVED MANUFACTURERS (IZHAR, CONCRETE CONCEPTS, TUFF OR EQUIVALENT) TO BE PROVIDED.

## **AMMENITIES FOR SPECIAL PERSONS**

- DEDICATED PARKING SPACES FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- DEDICATED ROUTES FROM VEHICULAR PARKING TO BUILDING ENTRANCE FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED..
- DEDICATED RAMPS FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- ELEVATORS FOR VERTICAL MOVEMENT FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- DEDICATED WASHROOMS AS PER STANDARDS FOR SPECIAL/HANDICAPPED PERSONS TO BE PROVIDED.
- GRAB/HAND RAILS TO BE PROVIDED AT APPROPRIATE LOCATIONS.

OFFICE OF THE CHIEF ARCHITECT, PUNJAB