SECTION IV: TECHNICAL SPECIFICATION

PROPOSED COMPLETION OF LIVELIHOOD TRAINING AND DEVELOPMENT CENTER (PHASE 3) SLSU-MAIN CAMPUS, SOGOD, SOUTHERN LEYTE SOUTHERN LEYTE STATE UNIVERSITY

Project: Location: Owner:

Mobilization/Demobilization/Site Clearing	ciated work items. Demobilization includes the clean-up, etc., and making good damages or temporary grame (including vegetation, minor structures etc.) dractivities. takings and endeavors, ensure the continued and yro indirectly associated with the Works. During the reparation of the site and final clean up upon care in order to prevent damage to the environment en by the Contractor, at his own cost, to ensure the labor engaged on the Works and the public in the le for the safety of the public legitimately passing I danger to the public must be barricaded and signitractor must provide sufficient watchmen to ensure the stelly as work permits. Filling materials shall be made in one the next fill is placed by the Construction to limits indicated by the Owner and (3000psi), ement all through-out acceptable to the Engineer -inscendably clean and free from organic matter later / cement ratio (3000psi), ement all through-out acceptable to the Engineer -inscendably clean and free from organic matter later / cement ratio (3000psi), ement all through-out acceptable to the Engineer -inscendably clean and free from organic matter later / cement ratio (3000psi), ement all through-out acceptable to the Engineer -inscendably clean and free from organic matter later / cement ratio (3000psi),
1.0 Mobilization/Demobilization/Site Clearing Contractor shall mobilize and put into operation at lea countents, which is the Bill of Quantities and all asso of the site and the removal of materials, debris, waste afterations, restoration of damages to the surrounding resulting from the construction or construction relate continuous safety of the public and all persons directle entire process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion in process of constructing the Works – including a completion of the regime and vicinity of the Works – including a completion of the regime and vicinity of the Works – including a considerable of the public at all times. It is considerable to the safety and process of the public at all times. It is considerable to the safety and process of the public at all times. It is considerable to the safety and process of the public at all times. It is considerable to the safety and vicinity of the Works of the public at all times. It is considerable to the safety and vicinity of the Works of the public at all times. It is considerable to the safety and vicinity of the Works of the public at all times. It is considerable to the safety and vicinity of the work of the public and vicinit	cataled work items. Demobilization includes the cleanu- cetc., and making good damages or temporary catal activities. I activ
continuous safety of the public and all persons directle enfire process of constructing the Works – Including grompletion — the Contractor shall exercise the utmost and adjoining properties. Due precautions shall be tak safety and practicion against accidents of all staff and vicinity of the Works. The Contractor will be responsit through the site. All exeavations and items of potential posted to the satisfaction of the Engineer, and the Corsafety of the public at all times. 1.0 Excavation 1.0 Excavation 2.0 Backfilling Materials 3.0 Lines and grades 1.0 Concrete 1.1 Footing (Stairs Area) 1.1 Footing (Stairs Area) 1.1 Footing (Stairs Area) 1.1.1 Cernent 1.1.2 Sand Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.1.3 Gravel 1.1.4 Mixture 1.2.1 Slab-11.8 Roof Deck Slab including Concrete toping at Ballroom 1.2.2 Sand Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.3 Gravel 1.2.4 Mixture 1.2.4 Mixture 1.2.5 Sand Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.3 Gravel 1.2.4 Mixture 1.2.4 Mixture 1.2.5 Sand Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.5 Sand Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.3 Gravel 1.2.4 Mixture 1.2.4 Mixture 1.2.5 Sand Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.3 Gravel 1.2.4 Cement Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.3 Gravel 1.2.4 Mixture 1.2.5 Sand Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.4 Column - 12 to 13 Maximum Compressive Strength at 28 days = 21 MPa Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.2.4 Column - 12 to 13 Maximum Compressive	ro indirectly associated with the Works. During the reparation of the site and final clean up upon care in order to prevent damage to the environment en by the Contractor, at his own cost, to ensure the labor engaged on the Works and the public in the lefor the safety of the public legitimately passing I danger to the public must be barricaded and signitizator must provide sufficient watchmen to ensure the tely as work permits. Filling materials shall be made in one the next fill is placed by the Construction to limits indicated by the Owner and (3000psi), ement all through-out acceptable to the Engineer -instance in the construction of the Engineer instance in t
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1.2.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.3 Column - L1 to L2 Maximum Compressive Strength at 28 days = 21 MPa 1.3.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.3.2 Sand Washed Sand. Uncoated granules, strong, durable, recommendation of the charge of the ch	rater / cement ratio (3000psi),
1.2.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.3 Column - L1 to L2 Maximum Compressive Strength at 28 days = 21 MPa 1.3.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.3.2 Sand Washed Sand. Uncoated granules, strong, durable, recommendation of the strength	rater / cement ratio (3000psi),
1.3 Column - L1 to L2 1.3.1 Cement 1.3.2 Sand 1.3.2 Sand 1.3.3 Gravel 1.3.4 Mixture 1.3.4 Mixture 1.4.1 Cement 1.4.1 Cement 1.4.2 Sand 1.4.2 Sand 1.4.3 Gravel 1.4.4 Mixture 1.5.3 Gravel 1.6.4 Column - L3 to Roof Beam 1.6 Column - L3 to Roof Beam 1.7 Cement 1.8 Maximum Compressive Strength at 28 days = 21 MPa 1.9 Crushed Gravel (3/4"). Uncoated granules, strong, durable, resident of column of the charge. 1.6 Column - L3 to L3 1.7 Crushed Gravel (3/4"). Uncoated granules, strong, durable, resident of column of the charge. 1.8 Gravel 1.9 Crushed Gravel (3/4"). Uncoated granules, strong, durable, resident of the charge. 1.9 Crushed Gravel (3/4"). Uncoated granules, strong, durable, resident of the charge. 1.9 Crushed Gravel (3/4"). Uncoated granules, strong, durable, resident of the charge. 1.9 Crushed Gravel (3/4"). Uncoated granules, strong, durable, resident of the charge. 1.9 Column - L3 to Roof Beam 1.5 Column - L3 to Roof Beam 1.5 Cement 1.5 Cem	(3000psi),
1.3.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of or charge. 1.3.2 Sand Washed Sand. Uncoated granules, strong, durable, restance of the charge of the charge. 1.3.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, durable, restance of the charge of the charge of the charge of the charge. 1.4.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of charge. 1.4.2 Sand Washed Sand. Uncoated granules, strong, durable, restance of the charge of the c	
charge. 1.3.2 Sand Washed Sand. Uncoated granules, strong, durable, research and the strong of the	5
1.3.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, dur 1.3.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.4 Column - L2 to L3 Maximum Compressive Strength at 28 days = 21 MPa 1.4.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c charge. 1.4.2 Sand Washed Sand. Uncoated granules, strong, durable, rer 1.4.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, dur Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.5 Column - L3 to Roof Beam Maximum Compressive Strength at 28 days = 21 MPa 1.5.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c charge.	
1.3.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.4 Column - L2 to L3 Maximum Compressive Strength at 28 days = 21 MPa 1.4.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c charge. 1.4.2 Sand Washed Sand. Uncoated granules, strong, durable, res 1.4.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, durable, res 1.4.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.5 Column - L3 to Roof Beam Maximum Compressive Strength at 28 days = 21 MPa 1.5.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c charge.	sonably clean and free from organic matter
1.4 Column - L2 to L3 1.4.1 Cement 1.4.2 Sand 1.4.3 Gravel 1.4.4 Mixture 1.5 Column - L3 to Roof Beam 1.5 Cement Cement Cement Dortland Cement (Type1) in 40kgs. Use one brand of charge. Crushed Gravel (3/4"). Uncoated granules, strong, durable, read to the charge. Crushed Gravel (3/4"). Uncoated granules, strong, durable, read to the charge. Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 where the charge of the charge of the charge.	
1.4.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of or charge. 1.4.2 Sand Washed Sand. Uncoated granules, strong, durable, results of the charge of the charge. 1.4.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, durable, results of the charge of the charge. 1.5 Column - L3 to Roof Beam Maximum Compressive Strength at 28 days = 21 MPa Cement (Type1) in 40kgs. Use one brand of charge.	rater / cement ratio
charge. 1.4.2 Sand Washed Sand. Uncoated granules, strong, durable, res 1.4.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, durable, res 1.4.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.5 Column - L3 to Roof Beam Maximum Compressive Strength at 28 days = 21 MPa 1.5.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of charge.	
1.4.2 Sand Washed Sand. Uncoated granules, strong, durable, rer 1.4.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, dur 1.4.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 w 1.5 Column - L3 to Roof Beam Maximum Compressive Strength at 28 days = 21 MPa 1.5.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of charge.	ement all through-out acceptable to the Engineer -in-
1.4.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v 1.5 Column - L3 to Roof Beam Maximum Compressive Strength at 28 days = 21 MPa 1.5.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of charge.	sonably clean and free from organic matter
1.5 Column - L3 to Roof Beam Maximum Compressive Strength at 28 days = 21 MPa 1.5.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c charge.	
1.5.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c charge.	rater / cement ratio
charge.	
	ement all through-out acceptable to the Engineer -in-
I washed Janu. Oncoaced granules, Strong, durable, rec	sonably clean and free from organic matter
1.5.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, dur 1.5.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 w	
1.6 Beam - L2, L3 & Roof Deck Beam Maximum Compressive Strength at 28 days = 21 MPa 1.6.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c	
charge.	
1.6.2 Sand Washed Sand. Uncoated granules, strong, durable, rea	sonably clean and free from organic matter
1.6.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, dur	able reasonably clean and free from organic matter
1.6.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 w	
1.7 Roof Beam & Water Wall Maximum Compressive Strength at 28 days = 21 MPa	(3000psi), G 3/4"
1.7.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c	1 77
charge.	searchly along and first form and the search and th
1.7.2 Sand Washed Sand. Uncoated granules, strong, durable, rec	isonably clean and tree from organic matter
1.7.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, dur	able, reasonably clean and free from organic matter
1.7.4 Mixture Class AA concrete mixture (1 : 1-1/2 : 3 ratio) , 0.53 v	rater / cement ratio
1.8 Lintel Beam Maximum Compressive Strength at 28 days = 21 MPa 1.9.1 Comput (Type 1) in 40kgs. Use one brand of a	
1.8.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c charge.	ement an un ough-out acceptable to the Engineer -in-
1.8.2 Sand Washed Sand. Uncoated granules, strong, durable, rea	sonably clean and free from organic matter
1.8.3 Gravel	
Crushed Gravel (3/4"). Uncoated granules, strong, dur 1.8.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 w	
1.8.4 Mixture Class AA Concrete mixture (1:1-1/2:31atio), 0.35 w 1.9 Stair - L1 to L3 Maximum Compressive Strength at 28 days = 21 MPa	
1.9.1 Cement Portland Cement (Type1) in 40kgs. Use one brand of c	
charge.	(3000psi), G 3/4"
	(3000psi), G 3/4" ement all through-out acceptable to the Engineer -in-
1.9.3 Gravel Crushed Gravel (3/4"). Uncoated granules, strong, dur	(3000psi), G 3/4"
1.9.4 Mixture Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 v	(3000psi), G 3/4" ement all through-out acceptable to the Engineer -in-sonably clean and free from organic matter
1.9.1 Ramp & Stair @ entrance Maximum Compressive Strength at 28 days = 21 MPa	(3000psi), G 3/4" ement all through-out acceptable to the Engineer -in- ssonably clean and free from organic matter able, reasonably clean and free from organic matter

		ITEMS	DETAILS
	1.9.1	Cement	Portland Cement (Type1) in 40kgs. Use one brand of cement all through-out acceptable to the Engineer -in-
			charge.
	1.9.2	Sand	Washed Sand. Uncoated granules, strong, durable, reasonably clean and free from organic matter
	1.9.3	Gravel	Control Control (2/4)
	1.9.4	Mixture	Crushed Gravel (3/4"). Uncoated granules, strong, durable, reasonably clean and free from organic matter Class AA concrete mixture (1:1-1/2:3 ratio), 0.53 water / cement ratio
	1.5	Miles	
2.0 Rebar		 	
2.1	Footing (St 2.1.1	airs Area) Reinforcing Bars	Deformed type reinforcing bars (Grade 40)
	2.1.2	Material	20mm X 6.0m Deformed Rebars, 16mm X 6.0m Deformed Rebars,12mm X 6.0m Deformed Rebars, G.I. Tie
			Wire # 16
2.2	2.1.3	Typical Plan	Refer to Structural plans for details
2.2	2.2.1	Roof Deck Slab including Concrete toping at Ballroom Reinforcing Bars	Deformed type reinforcing bars (Grade 33)
	2.2.2	Material	10mm X 6.0m Deformed Rebars, G.I. Tie Wire # 16
	2.2.3	Typical Plan	Refer to Structural plans for details
2.3	Column - L	l to L2	Mais Day Defended to a victoria bay (Code 40) Later IT a Defended to a victoria bay (Code
	2.3.1	Reinforcing Bars	Main Bars: Deformed type reinforcing bars (Grade 40), Lateral Ties:Deformed type reinforcing bars (Grade 33)
			25mm X 6.0m Deformed Rebars, 20mm X 6.0m Deformed Rebars, 16mm X 6.0m Deformed Rebars, 10mm X
	2.3.2	Material	6.0m Deformed Rebars, G.I. Tie Wire # 16
2.4	2.3.3 Column - L	Typical Plan	Refer to Structural plans for details
2.4	Column - L	: 10 L3	Main Bars: Deformed type reinforcing bars (Grade 40), Lateral Ties:Deformed type reinforcing bars (Grade
	2.4.1	Reinforcing Bars	33)
1			25mm X 6.0m Deformed Rebars, 20mm X 6.0m Deformed Rebars, 10mm X 6.0m Deformed Rebars, G.I. Tie
	2.4.2	Material Typical Plan	Wire # 16 Refer to Structural plans for details
2.5		Typical Plan 3 to Roof Beam	neces to survetural plans for actums
	2.5.1	Reinforcing Bars	Deformed type reinforcing bars with minimum yield strength, FY = 420 MPa (Grade 60)
1	252	Material	25mm X 6.0m Deformed Rebars, 20mm X 6.0m Deformed Rebars, 12mm x6.0m Deformed bar, G.I. Tie Wire #
1	2.5.2	Material Typical Plan	16 Refer to Structural plans for details
2.6		L3 & Roof Deck Beam	
-	2.6.1	Reinforcing Bars Material	Main Bars: Deformed type reinforcing bars (Grade 40), Stirrups:Deformed type reinforcing bars (Grade 33) 20mm X 6.0m Deformed Rebars, 10mm X 6.0m Deformed Rebars, G.I. Tie Wire # 16
	2.6.3	Typical Plan	Refer to Structural plans for details
2.7		& Water Wall	
	2.7.1	Reinforcing Bars Material	Main Bars: Deformed type reinforcing bars (Grade 40), Stirrups:Deformed type reinforcing bars (Grade 33) 16mm X 6.0m Deformed Rebars, 10mm X 6.0m Deformed Rebars, G.I. Tie Wire # 16
-	2.7.3	Typical Plan	Refer to Structural plans for details
2.8	Lintel Bean		·
			Main Dan Defended have reinfanischen (Corde 40) Chima Defended have reinfanischen (Corde 22)
	2.8.1	Reinforcing Bars Material	Main Bars: Deformed type reinforcing bars (Grade 40), Stirrups:Deformed type reinforcing bars (Grade 33) 12mm X 6.0m Deformed Rebars, 10mm X 6.0m Deformed Rebars, G.I. Tie Wire # 16
	2.8.3	Typical Plan	Refer to Structural plans for details
2.9	Stair - L1 to		
	2.9.1	Reinforcing Bars Material	Main Bars: Deformed type reinforcing bars (Grade 40) 16mm X 6.0m Deformed Rebars,12mm X 6.0m Deformed Rebars, G.I. Tie Wire # 16
	2.9.3	Typical Plan	Refer to Structural plans for details
2.9.1		air @ entrance	
	2.9.1	Reinforcing Bars	Main Bars: Deformed type reinforcing bars (Grade 33)
	2.9.2	Material Typical Plan	10mm X 6.0m Deformed Rebars, G.I. Tie Wire # 16 Refer to Structural plans for details
IV FORM WORKS		7,5	·
	works & Shor		
1.1	Formworks		211 - 211 - 01
1.2	1.1.1 Formworks	Material Specification	2" x 2" x 8' cocolumber, 1/2" Plywood, Common Nail 3"
	1.2.1	Material Specification	2" x 2" x 10' cocolumber, 2" x 2" x 8' cocolumber, 1/2" Plywood, Common Nail 2", Common Nail 3"
1.3		-Suspended Slab	
1.4	1.3.1 Formworks	Material Specification -Ramp Slab & Stairs	2" x 2" x 8' cocolumber, 1/2" Plywood, Common Nail 3"
1.4	1.4.1	Material Specification	2" x 2" x 8' cocolumber, 1/2" Plywood, Common Nail 3"
1.5	Shoring		
<u> </u>	1.5.1	Material Specification	2" x 3" x 12' cocolumber, Common Nail 3"
V MASONRY WORKS			1
1.0 Wall a	and Plant Box		4" Ordinary Concrete Hollow Blocks
			4" Ordinary Concrete Hollow Blocks Portland Cement
1.0 Wall a	Concrete N 1.1.1 1.1.2	Nortar Cement Sand	Portland Cement White Sand (S1)
1.0 Wall a	Concrete N 1.1.1 1.1.2 1.1.3	fortar Cement Sand Mixture	Portland Cement
1.0 Wall a	Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing	fortar Cement Sand Mixture g Bars	Portland Cement White Sand (S1) Class A mortar mixture (1 : 2 ratio)
1.0 Wall a	Concrete N 1.1.1 1.1.2 1.1.3	fortar Cement Sand Mixture	Portland Cement White Sand (S1)
1.0 Wall a 1.1	2 And Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3	Mortar Cement Sand Mixture Bars Reinforcing Bars	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details
1.0 Wall a 1.1 1.1 1.2 1.2 2.0 Water	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall	fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan	Portland Cement White Sand (S1) Class A mortar mixture (1 : 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18
1.0 Wall a 1.1	2 And Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3	fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details
1.0 Wall a 1.1 1.1 1.2 1.2 2.0 Water	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.2	Mortar Cement Sand Mixture Bars Reinforcing Bars Material Typical Plan	Portland Cement White Sand (S1) Class A mortar mixture (1 : 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1)
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.2 2.1.3	Mortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan Mortar Cement Sand Mixture	Portland Cement White Sand (S1) Class A mortar mixture (1: 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing
1.0 Wall a 1.1 1.1 1.2 1.2 2.0 Water	concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.2 2.1.3 Reinforcing	Mortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan Mortar Cement Sand Mixture g Bars	Portland Cement White Sand (S1) Class A mortar mixture (1: 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1: 2 ratio)
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.2 2.1.3	Mortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan Mortar Cement Sand Mixture	Portland Cement White Sand (S1) Class A mortar mixture (1 : 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1)
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.2.2	fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan Mixture g Bars Reinforcing Bars Material Typical Plan	Portland Cement White Sand (S1) Class A mortar mixture (1: 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1: 2 ratio) Deformed type reinforcing bars (Grade 33)
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2 VI CEILING AND PART	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.2.2 2.2.3 THOM WORKS	fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan Mixture g Bars Reinforcing Bars Material Typical Plan	Portland Cement White Sand (S1) Class A mortar mixture (1 : 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1 : 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall 2.1.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.2.2 2.2.3 Concrete N 2.2.2	fortar Cement Sand Mixture (Bars Reinforcing Bars Material Typical Plan fortar Cement Sand Mixture (Bars Sand Mixture (Bars (Bars Sand Mixture (Bars	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.J. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.J. Tie Wire # 18 Refer to Structural plans for details Light Metal Frame, 0.60m
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2 VI CEILING AND PART	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.2.2 2.2.3 THOM WORKS	fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan fortar Cement Sand Mixture g Bars Reinforcing Bars Material Typical Plan Mixture g Bars Reinforcing Bars Material Typical Plan	Portland Cement White Sand (S1) Class A mortar mixture (1 : 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1 : 2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2 VI CEILING AND PART	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.2.2 2.2.3 TOWN WORKS Ceiling 4.1.1	fortar Cement Sand Mixture (g Bars Reinforcing Bars Material Typical Plan Aortar Cement Sand Mixture (g Bars Mixture (g Bars Material Typical Plan Mixture (g Bars Material Typical Plan Material Typical Plan Wall Angle	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details Light Metal Frame, 0.60m 25mm x 25mm x 0.4mm thick, 2.40m, Ga 26, wall angle fastened to wall 19mm x 35mm x 0.4mm thick, 5m, Ga 26, double furring at board terminations only 12mm x 38mm x 0.80mm thick, 5m, Ga 22 carrying channel with double furring clip (W-clip) to fasten carrying
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2 VI CEILING AND PART	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.3 1.2.3 1.2.3 1.2.1 2.1.2 2.1.3 2.1.1 2.1.2 2.1.3 2.1.1 2.1.2 2.1.3 Concrete N 2.1.1 2.1.2 2.1.3 2.2.1 2.2.2 2.2.3 3 Ceiling 4.1.1 4.1.2 4.1.3	fortar Cement Sand Mixture () Bars Reinforcing Bars Material Typical Plan fortar Cement Sand Mixture () Bars Reinforcing Bars Material Typical Plan Wall Angle Double Furring Carrying Channel	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details Light Metal Frame, 0.60m 25mm x 25mm x 0.4mm thick, 2.40m, Ga 26, double furring at board terminations only 12mm x 38mm x 0.80mm x 0.4sm thick, S.m, Ga 26, double furring at board terminations only 12mm x 38mm x 0.80mm x 0.4sm thick, S.m, Ga 22 carrying channel with double furring clip (W-clip) to fasten carrying channel and double furring spaced at 1.20m O.C.
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2 VI CEILING AND PART	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.2.2 2.2.3 Concrete N 2.2.1 4.1.1 4.1.2 4.1.3	fortar Cement Sand Mixture (glars Reinforcing Bars Material Typical Plan Aortar Cement Sand Mixture (glars Mixture) Sand Mixture (glars Material Typical Plan Wall Angle Double Furring Carrying Channel Single Furring	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details Light Metal Frame, 0.60m 25mm x 25mm x 0.4mm thick, 2.40m, Ga 26, wall angle fastened to wall 19mm x 50mm x 0.4mm thick, 5m, Ga 26 double furring at board terminations only 12mm x 38mm x 0.80mm thick, 5m, Ga 22 carrying channel with double furring clip (W-clip) to fasten carrying channel and double furring spaced at 1.20m O.C. 19mm x 25mm x 0.4mm, 5m, Ga 26 thick single furring spaced at 0.60m O.C.
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2 VI CEILING AND PART	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.3 1.2.3 1.2.3 1.2.1 2.1.2 2.1.3 2.1.1 2.1.2 2.1.3 2.1.1 2.1.2 2.1.3 Concrete N 2.1.1 2.1.2 2.1.3 2.2.1 2.2.2 2.2.3 3 Ceiling 4.1.1 4.1.2 4.1.3	fortar Cement Sand Mixture () Bars Reinforcing Bars Material Typical Plan fortar Cement Sand Mixture () Bars Reinforcing Bars Material Typical Plan Wall Angle Double Furring Carrying Channel	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details Light Metal Frame, 0.60m 25mm x 25mm x 0.4mm thick, 2.40m, Ga 26, double furring at board terminations only 12mm x 38mm x 0.80mm x 0.4sm thick, S.m, Ga 26, double furring at board terminations only 12mm x 38mm x 0.80mm x 0.4sm thick, S.m, Ga 22 carrying channel with double furring clip (W-clip) to fasten carrying channel and double furring spaced at 1.20m O.C.
1.0 Wall a 1.1 1.2 1.2 2.0 Water 2.1 2.2 VI CEILING AND PART	and Plant Box Concrete N 1.1.1 1.1.2 1.1.3 Reinforcing 1.2.1 1.2.2 1.2.3 r Wall Concrete N 2.1.1 2.1.2 2.1.3 Reinforcing 2.2.1 2.2.2 2.2.3 Concrete N 2.2.1 4.1.1 4.1.2 4.1.3	Mortar Cement Sand Mixture (Bars Reinforcing Bars Material Typical Plan Mixture (Bars Sand Mixture (Bars Mortar Cement Sand Mixture (Bars Reinforcing Bars Material Typical Plan Wall Angle Double Furring Carrying Channel Single Furring Accessories Sheeting	Portland Cement White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details 4" Ordinary Concrete Hollow Blocks Portland Cement; Note: Provide WaterProofing White Sand (S1) Class A mortar mixture (1:2 ratio) Deformed type reinforcing bars (Grade 33) Deformed type reinforcing bars (Grade 33) Deformed Steel Bar 10mm X 6.0m, G.I. Tie Wire # 18 Refer to Structural plans for details Light Metal Frame, 0.60m 25mm x 25mm x 0.4mm thick, 2.40m, Ga 26, double furring at board terminations only 12mm x 38mm x 0.4mm thick, 5m, Ga 26 double furring at board terminations only 12mm x 38mm x 0.4mm, 5m, Ga 26 trick single furring spaced at 0.60m O.C. Double Furring Clips, Hardi Screws (6mm dia. X 3/4"), Blind Rivets (1/8" dia. X 1/2"), Fanhead Screws for Wall

	ITEMS	DETAILS
	4.2 Comfort Room (Pilaster, Side & Middle Divider)	12mm thick water proof Phenolic Compact Board with Hanging brace. 1820mm high Pilaster & Side Divider,
	4.2 Connot Room (Finascer, Side & Wilddie Brider)	1800mm high Middle Divider.
	4.3 Comfort Room Partition Accessories	Rising Hinge, Indicator, Adjustable Foot, Bracket, U aluminum profile, Corner aluminum Profile, Edge
		aluminum Profile, Top aluminum Profile, Coat Hook, Toilet paper holder
VII DOORS AND WIND	oows	
1.0 Doors	s and Windows	
1.1	(Presidential, Guest, Storage & Dressing Room	0.90m x 2.10m panel Door-8 w/ door jamb and design (mahogany)
1.2 1.3	Presidential, Guest, 3rd Floor Cr	0.70m x 2.10m panel Door-3 w/ door jamb and design
1.3	Refer to Door Schedule	Swing Glass Door (0.90m. x 2.10m.)w/ 1¾"x 3" Powder Coated Frame & concealed heavy duty door close
1.4	Linen Room	Double Swing Glass Door-17 Heavy Duty (1.20m. x 2.10m.)w/ 1¾"x4" Analok Frame & concealed heavy duty
1.5		door closer Double Swing Glass Door-18 Heavy Duty (2.00m. x 2.10m.)w/ 1%"x4" Analok Frame & concealed heavy duty
1.5	Ballroom & Function Hall	door closer
1.6	Resto Area	Double Swing Glass Door-18a Heavy Duty (2.00m. x 2.10m.)w/ Fixed Glass, 1%"x4" Analok Frame & concealed
1.7		heavy duty door closer Swing Glass Door-22 Heavy Duty (1.00m. x 2.10m.)w/ Fixed Glass, 1¾"x4" Analok Frame & concealed heavy
2.,	1st Floor Ramp Area	duty door closer
1.8	3rd Floor Ramp Area	Double Swing Glass Door-23 Heavy Duty (2.00m. x 2.10m.)w/ Fixed Glass, 1¾"x4" Analok Frame & concealed
1.9	Presidential	heavy duty door closer Sliding Glass Door-11 Heavy Duty (2.00m. x 2.10m.)w/ 1½"x4" Analok Frame
2	Presidential Bath Rm.	Swing Tempered Glass Door-24 (0.70m. x 2.10m.)w/ Fixed Tempered Glass & Complete Accessories
2.1	Stair Landing Area	Swing Glass Door-26 Heavy Duty w/ Fixed Glass (1/4"xW-1.25m. x H-3.10m.)w/ 1¾"x 4" Analok Frame
2.2	Function Hall, Ballroom & Dressing Room	Typical Window 1 w/ capiz design 1.20x2.40m
2.3	Presidential Room	Typical Window 2 w/ capiz design 1.20x1.80m
2.4	Guest Room Kitchen	Typical Window 3 w/ capiz design 1.20x0.80m 0.40x1.20m Sliding Window 4, glass with analok frame
2.6	Presidential	0.45x0.60m awning Window 5, glass with analok frame
2.7	3rd Flr Male and Female Toilet	0.45x1.20m awning Window 14, glass with analok frame
2.8	Ballroom Proceing Room Male and Female CP	Typical Window 15 w/ capiz design 1.20x1.20m
2.9	Dressing Room Male and Female CR Storage & Linen Room	0.45x1.80m awning Window 20, glass with analok frame 0.45x2.40m awning Window 21, glass with analok frame
3.1	Storage & Linen Room AVR	U.45x2.40m awning window 21, glass with analok frame Tinted Fixed Glass Panel (1/4"xW-3.60m. x H-1.85m.)w/ 1¾"x 4" Analok Frame
3.2	Stairs Landing Area	Hidden Frame Curtain Wall with Awning window 2½"x6" Powder Coated Frame (White) & sealant using 1/4"
		thick Tinted Glass(W-4.10m. x H-2.80m.)
3.3	Stairs Landing Area	Hidden Frame Curtain Wall with Awning window 2½"x6" Powder Coated Frame (White) & sealant using 1/4" thick Tinted Glass(W-4.10m. x H-3.10m.)
3.4	Stairs Landing Area	Hidden Frame Curtain Wall with Awning window 2½"x6" Powder Coated Frame (White) & sealant using 1/4"
	Statis Latituding Area	thick Tinted Glass(W-4.10m. x H-0.80m.)
3.5	Stairs Landing Area	Hidden Frame Curtain Wall with 2½"x6" Powder Coated Frame (White) & sealant using 1/4" thick Tinted Glass(W-1.25m. x H-2.80m.)
2.6	Chaire Landing Assa	Hidden Frame Curtain Wall with 2½"x6" Powder Coated Frame (White) & sealant using 1/4" thick Tinted
3.6	Stairs Landing Area	Glass(W-1.25m. x H-3.10m.)
3.7	Stairs Landing Area	Hidden Frame Curtain Wall with 2½"x6" Powder Coated Frame (White) & sealant using 1/4" thick Tinted
		Glass(W-3.10m. x H-2.20m.) Hidden Frame Curtain Wall with 2½"x6" Powder Coated Frame (White) & sealant using 1/4" thick Tinted
3.8	Stairs Landing Area	Glass(W-1.25m. x H-2.00m.)
3.9	Stairs Landing Area	Hidden Frame Curtain Wall with 2½"x6" Powder Coated Frame (white) & sealant using 1/4" thick Tinted
		Glass(W-2.70m. x H-2.80m.) Hidden Frame Curtain Wall with 2½"x6" Powder Coated Frame(White) & sealant using 1/4" thick Tinted
4	Stairs Landing Area	Glass(W-2.70m. x H-3.10m.)
4.1	Stairs Landing Area	Hidden Frame Curtain Wall with Awning window 2½"x6" Powder Coated Frame (White) & sealant using 1/4"
		thick Tinted Glass(W-2.70m. x H-3.10m.) Hidden Frame Curtain Wall with Awning window 2½"x6" Powder Coated Frame(White) & sealant using 1/4"
4.2	Floor Lobby Area	thick Tinted Glass(W-7.00m. x H-2.40m.)
4.3	1stFloor resto	Tinted Fixed Glass Panel (1/4"xW-7.20m. x H-2.15m.)w/ 1¾"x 4" Analok Frame
4.4	1stFloor resto	Tinted Fixed Glass Panel (1/4"xW-4.10m. x H-2.15m.)w/ 1¾"x 4" Analok Frame
4.5 4.6	1st Floor Male and Female Toilet 1st Floor Male and Female Toilet	Tinted Fixed glass 1/4"x 0.15x0.20m. Door design 0.20x0.80m Wooden louver with frame
4.7		
	Resto Area	Swing Glass Door (0.90m. x 2.10m.)w/ 1¾"x 3" Powder Coated Frame & concealed heavy duty door close
4.8	Resto Area	Swing Glass Door-15 Heavy Duty (1.10m. x 2.10m.)w/ 1¾"x4" Analok Frame & concealed heavy duty door
		closer Sliding Glass Door-27 Heavy Duty with 1¾"x 4" Powder Coated Frame & sealant using 1/4" thick Tinted
4.9	2nd Floor & 3rd Floor Balcony	Glass(W-7.00m. x H-2.40m.)(3rd Floor Lobby Area)(see specs and detail)
	Accessories	
2.1	Lockset	Cylindrical Lockset, (3½"x 4") Loose Pin Hinges
3.0 Fixed 3.1	Glass and Glass Door with Sensor Lobby Entrance	Automatic sliding Frameless Tempered Glass Sensor Operated Door and Fixed glass Partition, with complete
		fittings and Accessories including fabrication and installation
VIII TILE WORKS	Mada	
1.0 Tile W	Vorks Stair Entrance & Stair 1st to 3rd floor	16" x 16" (400mm x 400mm)(for approval of MTI)
1.1	Veranda 1st Floor	24" x 24" (600mm x 600mm) (for approval of MTI)
1.3	Floor tiles Presidential & Guest CR	24" x 24" (600mm x 600mm)(for approval of MTI)
1.4	Wall tiles Presidential & Guest CR/Floor to Ceiling	24" x 24" (600mm x 600mm) (for approval of MTI)
1.5	Floor tiles CR Male & Female 3rd floor Wall tiles CR Male & Female 3rd floor/Floor to Ceiling	16" x 16" (400mm x 400mm)(for approval of MTI) 16" x 16" (400mm x 400mm)(for approval of MTI)
1.6 1.7	Wall tiles CR Male & Female 3rd floor/Floor to Ceiling 3rd floor Dressing Rm. and Lobby, 1st flr. Storage, Linen Rm.	16" x 16" (400mm x 400mm)(for approval of MTI) 24" x 24" (600mm x 600mm)Polished(for approval of MTI)
1.8	1st floor Presidential Suite area	24" x 24" (600mm x 600mm)Polished Granite Tiles (for approval of MTI)
1.9	1st flr. Lobby entrance & expansion	32" x 32" (800mm x 800mm)Polished Granite Tiles (for approval of MTI)
2.1	Water Wall Veranda wall, Stairs, Plantbox, 2nd and 3rd floor ramp Area	16" x 16" (400mm x 400mm)(for approval of MTI) Stone Cladding (for approval of MTI)
2.1	2.1.1 Terminations	Grout Termination, White
	2.1.2 Nosing	Stair Nosing 1½" x 3m. Brass
IX ROOFING WORKS		
1.0 Roof I		
1.1	Framing 1.1.1 Truss	Top and Bottom Chord 2-2"x2"x1/4" thick angle bar, Vertical and Web member 2-2"x2"x3/16",
	1.1.1 Truss 1.1.2 Frame	100 and bottom chord 2-2 AZ AZ/4 thick dright bar, vertical and web Member 2-2 XZ X3/10 ,
		1"x 1"x3/16"x6m. Angle bar (Metal Fascia Frame), 12mm dia. Round Bars Cross Bracing, 16mmØTurnbuckle
	1.1.3 Purlins	2"x 3"x 20'x 1.5mm C-Purlins
	1.1.4 Sagrod	Deformed Steel Bar 10mm X 6.0m Aschar Relt 16mm X 700mm Long w/ Nuts and Washer Wolding Red, Bust Convertor, Red Load
	1.1.5 Consumables	Anchor Bolt 16mmØ x 50mm x 300mm Long w/ Nuts and Washer, Welding Rod, Rust Converter, Red Lead Paint, Paint thinner, Roller & Paint brush, #16 GI wire
400	***	
1.0 Roofii	rig	0.5mm thick Twin Rib Type Prepainted Rib type roof long span, (white)

ITEMS	DETAILS
1.1 Accessories	Preformed Gutter(white), 0.40mm thk Aluminum Composite Panels, Pre-Painted, Pre-Fabricated Soffit Plain
111 / 10003501105	(Driftwood/Wood Stain), Downspout roof drain Stainless Strainer 3", Series 1000 downspout
1.2 Insulation	10mm thk Double Sided PE Foam
1.3 Consumables	2-1/2" tekscrews, 1/8" x 1/2" Blind Rivets, Sealant
X PAINTING WORKS	
1.0 Painting Works	
1.1 Interior Wall & Exterior Wall	1 coat skimcoat (Primer), 2 coats semi-gloss latex Use # 120 sandpaper
1.1.1 Color	White
1.2 Eaves and Ceiling Vent	Epoxy adhesive, 2 coats semi-Flat Wall Enamel Use # 120 sandpaper
1.2.1 Color	White
XI SANITARY	
1.0 Pipes and Fittings-Waterline	1/2" x 3 meters PPR Pipe, 1/2" PPR Plain Tee, 1/2" PPR Threaded Elbow, 1/2" PPR Plain Elbow, 1/2" PPR
	Threaded Tee, 1/2" PPR End Cap, Teflon Tape 1/2", Solvent Cement (400 cc), Male Adapter 1/2"
2.0 Pipes and Fittings-Sanitaryline	4" X 3.00m PVC Orange pipe S-1000, 2" X 3.00m PVC Orange pipe S-1000, 2" X 3.00m PVC Orange pipe S-1000,
	PVC Orange Elbow, Wye, Tee, (Refer to Plumbing drawings for connections), PVC Orange Bushing Reducer 4"
	X 2", PVC Orange P-trap 2", PVC Orange clean out with 4" cap
3.0 Plumbing Fixtures	
3.1 Water Closet	Front round water closet with tank fitting, seat and cover, flexible hose, bidet hose, angle valve, soap & tissue
3.2 Lavatory	holder. Counter ton layatory with flevible hose, angle valve. Petran, drainage nine and bracket
3.2 Lavatory 3.2 Counter Top	Counter top lavatory with flexible hose, angle valve, P-trap, drainage pipe and bracket Granite Counter Slab, 0.60m x 2.40m Galaxy black
3.3 Lavatory Faucet	Chrome plated faucet
3.4 Foot Faucet	Plain Bibb Faucet (1/2" x 4") - Chrome
3.5 Urinal	0.125 gpf Exposed Top Spud Urinal and Manual Piston-Type Urinal flush valve
3.6 Other Accessories	4" x 4" (100mm x 100mm) Stainless floor drain, Stainless Towel bar Tower Ring, Counter Mirror 0.70x0.90m,
	Stainless Handheld Shower Round Head, with extra long hose and bracket holder
XII RAILINGS AND OTHER ARCHITECTURAL	
1.0 Railings, Louvers and Ladder Cages	Prefab 38mmØ 304 Stainless pipe
3,	20mmØ Stainless Steel Plain Round bar (standard)
2.0 Others	Standard Round Bar, Standard Stainless steel flat Bar, Standard Tubular, G.I. Pipe, 1¼"Ø x 20', Sch.40, Steel
	Bars Structural Grade 40, Welding Rod and Stainless
	Bars Structural Grade 40, Welding Rod and Stainless
XIII ELECTRICAL	Bars Structural Grade 40, Welding Rod and Stainless
1.0 Roughing Ins	
1.0 Roughing Ins 1.1 Circuit Breaker and Branch	Refer to Electrical details and design analysis
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø
1.0 Roughing Ins 1.1 Circuit Breaker and Branch	Refer to Electrical details and design analysis
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline 1.4 Conduits Ighting line 1.5 Conduits - ACU 1.6 Wiring Mainline	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline 1.4 Conduits Ighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Powerline	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow 3.5 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Powerline 1.9 Wiring Rough-ins 1	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lighting line 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded) 5.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type,Single-Gang, 2-Gang "Wide series"3-Gang "Wide series"
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits Powerline 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø
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1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Wain Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Fowerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.0 Fixtures 3.0 Fixtures 3.0 Fixtures 3.0 Fixtures 3.0 Conduits - Main Line 4.0 Minishing 4.1 Conduits - Minishing 4.2 Conduits 4.0 Conduits - Minishing 4.1 Conduits - Minishing 4.2 Conduits 4.0 Conduits - Minishing 4.1 Conduits - Minishing 4.2 Conduits - Minishing 4.3 Conduits - Min	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded) 5.5 mm², THHN Wire (Stranded) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type,Single-Gang, 2-Gang "Wide series"3-Gang "Wide series"
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Wain Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.1 Refer to Plan for Location 3.2 Refer to Plan for Location 3.3 Ballroom Area	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded) 9.5 mm², THHN Wire (Stranded) 9.6 witch, Flush Type, Single-Gang, 2-Gang "Wide series" ACU Outlet, Flush Type,1-Gang "Wide series" Duplex Convinience Outlet, Flush Type "Wide series", ACU Outlet, Flush Type,1-Gang "Wide series" LED Circular Downlight 8"Ø, 20 Watts (Day Light) Dimmable LED Recesed Ceiling Panel Downlight,20 Watts, 170mmx170mmx20mm (Day Light)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Main Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lighting line 1.8 Wiring Rough-ins 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.1 Refer to Plan for Location 3.2 Refer to Plan for Location 3.3 Ballroom Area 3.4 G/f Lobby	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type,Single-Gang, 2-Gang "Wide series"3-Gang "Wide series" Duplex Convinience Outlet, Flush Type "Wide series", ACU Outlet, Flush Type,1-Gang "Wide series" LED Circular Downlight 8"Ø, 20 Watts (Day Light) LED Circular Downlight 6"Ø, 12 Watts (Day Light) Dimmable LED Recesed Ceiling Panel Downlight,20 Watts, 170mmx170mmx20mm (Day Light) Pendant Light
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Main Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Fowerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.1 Refer to Plan for Location 3.2 Refer to Plan for Location 3.3 Ballroom Area 3.4 Gf Lobby 3.5 Refer to Plan for Location 3.5 Refer to Plan for Location 3.6 Refer to Plan for Location 3.7 Refer to Plan for Location 3.8 Refer to Plan for Location 3.8 Refer to Plan for Location 3.5 Refer to Plan fo	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded) 5.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type, Single-Gang, 2-Gang "Wide series"3-Gang "Wide series" Duplex Convinience Outlet, Flush Type "Wide series", ACU Outlet, Flush Type,1-Gang "Wide series" LED Circular Downlight 8"Ø, 20 Watts (Day Light) LED Circular Downlight 6"Ø, 12 Watts (Day Light) Dimmable LED Recesed Ceiling Panel Downlight,20 Watts, 170mmx170mmx20mm (Day Light) Pendant Light Dimmable LED Circular Ceiling Lamp, 400mmx38mm, 24w-220V (Suface mounted)(Warm White)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Main Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.1 Refer to Plan for Location 3.2 Refer to Plan for Location 3.3 Ballroom Area 3.4 G/f Lobby 3.5 Refer to Plan for Location 3.5 Refer to Plan for Location 3.6 Refer to Plan for Location	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded) 5.5 mm², THHN Wire (Stranded) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type,Single-Gang , 2-Gang "Wide series"3-Gang "Wide series" Duplex Convinience Outlet, Flush Type "Wide series", ACU Outlet, Flush Type,1-Gang "Wide series" LED Circular Downlight 8"Ø, 20 Watts (Day Light) LED Circular Downlight 6"Ø, 12 Watts (Day Light) Dimmable LED Recesed Ceiling Panel Downlight,20 Watts, 170mmx170mmx20mm (Day Light) Dimmable LED Circular Ceiling Lamp, 400mmx38mm, 24w-220V (Suface mounted)(Warm White) Dimmable LED Recesed Ceiling Panel Downlight, 20 Watts, 170mmx170mmx20mm (Warm White)
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1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Main Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lighting line 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.1 Refer to Plan for Location 3.2 Refer to Plan for Location 3.3 Ballroom Area 3.4 G/f Lobby 3.5 Refer to Plan for Location 3.6 Refer to Plan for Location 3.7 G/f Lobby 3.8 Refer to Plan for Location 3.	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVG Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type, Single-Gang, 2-Gang "Wide series"3-Gang "Wide series" Duplex Convinience Outlet, Flush Type "Wide series", ACU Outlet, Flush Type,1-Gang "Wide series" LED Circular Downlight 8"Ø, 20 Watts (Day Light) LED Circular Downlight 6"Ø, 12 Watts (Day Light) Dimmable LED Recesed Ceiling Panel Downlight,20 Watts, 170mmx170mmx20mm (Day Light) Pendant Light Dimmable LED Recesed Ceiling Lamp, 400mmx38mm, 24w-220V (Suface mounted)(Warm White) Dimmable LED Recesed Ceiling Lamp, 9 watts (Warm White) LED Circular Dovp Light, 18 Watts (Day Light) Flexible Waterproof LED Strip light,AC220V with EU power plug, 120 led/m. 2835 SMD High brightness (Warm White) Chandelier (design for approval by MTI)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Main Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lightingline 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.1 Refer to Plan for Location 3.2 Refer to Plan for Location 3.3 Ballroom Area 3.4 G/f Lobby 3.5 Refer to Plan for Location 3.6 Refer to Plan for Location 3.7 G/f Lobby 3.8 Refer to Plan for Location 3.8 Refer to Plan for Location 3.8 Refer to Plan for Location	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded) 8.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type,Single-Gang, 2-Gang "Wide series"3-Gang "Wide series" Duplex Convinience Outlet, Flush Type "Wide series", ACU Outlet, Flush Type,1-Gang "Wide series" LED Circular Downlight 8"Ø, 20 Watts (Day Light) LED Circular Downlight 8"Ø, 20 Watts (Day Light) Dimmable LED Recesed Ceiling Panel Downlight,20 Watts, 170mmx170mmx20mm (Day Light) Pendant Light Dimmable LED Circular Ceiling Lamp, 400mmx38mm, 24w-220V (Suface mounted)(Warm White) Dimmable LED Recesed Ceiling Panel Downlight, 20 Watts, 170mmx170mmx20mm (Warm White) Dimmable LED Circular Ceiling Lamp, 9 watts (Warm White) LED Double Head Ceiling LAMP, 9 Watts (Warm White) LED Circular Doy Light, 18 Watts (Day Light) Flexible Waterproof LED Strip light, AC220V with EU power plug, 120 led/m. 2835 SMD High brightness (Warm White) Chandelier (design for approval by MTI)
1.0 Roughing Ins 1.1 Circuit Breaker and Branch 1.2 Conduits - Main Line 1.3 Conduits - Main Line 1.4 Conduits Lighting line 1.5 Conduits - ACU 1.6 Wiring Mainline 1.7 Wiring Lighting line 1.8 Wiring Powerline 1.9 Wiring Rough-ins 2.0 Finishing 2.1 Switches 2.2 Outlets 3.0 Fixtures 3.1 Refer to Plan for Location 3.2 Refer to Plan for Location 3.3 Ballroom Area 3.4 G/f Lobby 3.5 Refer to Plan for Location 3.6 Refer to Plan for Location 3.7 G/f Lobby 3.8 Refer to Plan for Location 3.	Refer to Electrical details and design analysis PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø PVC Rigid Conduit 3/4" x 3m, 3/4" Long Elbow 1/2" Polyflex, PVC Rigid Conduit 1/2" x 3m, 1/2" Long Elbow PVG Rigid Conduit 1/2" x 3m, 1/2" Long Elbow, 1/2" Long Elbow 200 mm², THHN Wire (Stranded) 3.5 mm², THHN Wire (Stranded), 8.0 mm², THHN Wire (Stranded) (ACU) PVC Utility Box 2"x4", PVC Junction Box 4"x4", service entrance cap 1½" Ø Switch, Flush Type, Single-Gang, 2-Gang "Wide series"3-Gang "Wide series" Duplex Convinience Outlet, Flush Type "Wide series", ACU Outlet, Flush Type,1-Gang "Wide series" LED Circular Downlight 8"Ø, 20 Watts (Day Light) LED Circular Downlight 6"Ø, 12 Watts (Day Light) Dimmable LED Recesed Ceiling Panel Downlight,20 Watts, 170mmx170mmx20mm (Day Light) Pendant Light Dimmable LED Recesed Ceiling Lamp, 400mmx38mm, 24w-220V (Suface mounted)(Warm White) Dimmable LED Recesed Ceiling Lamp, 9 watts (Warm White) LED Circular Dovp Light, 18 Watts (Day Light) Flexible Waterproof LED Strip light,AC220V with EU power plug, 120 led/m. 2835 SMD High brightness (Warm White) Chandelier (design for approval by MTI)
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