

Republic of the Philippines Tourism Infrastructure & Enterprise Zone Authority

MEMORANDUM

FOR

The Assistant Chief Operating Officer

Architectural and Engineering Services Sector

FROM

The Manager, Corporate Planning Department

SUBJECT

Cancellation of Proposed Public Restroom near Bomod-Ok Waterfalls and

Construction of Tourism Covered Pathway with Hanging Bridges, Sagada,

Mountain Province

DATE

10 March 2021

Relative to the request of Mayor James B. Pooten, Jr. on the above subject, the same having been previously inspected by your personnel, may we refer for appropriate action, the following documents received by this Office thru email:

Copy of memorandum from DOT Usec. and Chief of Staff Edwin R. Enrile dated 09 February 2021 transmitting the requests of Mayor Pooten, Jr.

For the construction of Sagada Tourist Center and Public Restrooms:

- Copy of letter from Mayor Pooten, Jr. requesting for the cancellation of proposed construction of Public Restroom near Bomod-ok Waterfalls and consequent reallocation of funds for the Sagada Tourist Center and Public Restroom
- Copy of Engineering Design/plans and Cost Estimates

For the construction of Tourism Covered Pathways with Hanging Bridges:

- Copy of letter from Mayor Pooten, Jr. transmitting Sangguniang Bayan Resolution No. 220-2020
- Copy of Program of Work, Detailed Cost Estimate, Location Plan, and Engineering Designs/plans

Please furnish this Office and the Office of the Chief Operating Officer (OCOO) the action taken on the matter.

Thank you.

FRANCI\$ RANDY J. HORTELANO

cc: Office of the Chief Operating Officer

typully/











FW: Letter of Mayor James Pooten Jr. - Cancellation of Proposed Project of Public Restroom near Bomod-Ok Waterfalls and Consequent Reallocation for the Sagada Tourist Center and Public Restroom and Construction of Tourism Covered Pathways with Hanging Bridges



From ocoo <ocoo@tieza.gov.ph>

To <corplan@tieza.gov.ph>

Date 2021-02-26 18:09

☑ Memo for TIEZA - Request of Mayor Pooten (Sagada, Mountain Province).pdf(~6.9 MB)

Good day!

For your appropriate action, please

Kindly see attached documents.

Thank you

Rex

Sent from my Galaxy

----- Original message ------

From: DOT OCOS - Office of the Chief of Staff <ocos.dot@gmail.com>

Date: 2/26/21 2:25 PM (GMT+08:00)

To: ocoo@tieza.gov.ph

Cc: corplan@tieza.gov.ph, DOT OSEC <sbrp.osec2@gmail.com>, sagada.mayor@yahoo.com, sagada.mayor@gmail.com
Subject: Letter of Mayor James Pooten Jr. - Cancellation of Proposed Project of Public Restroom near Bomod-Ok Waterfalls
and Consequent Reallocation for the Sagada Tourist Center and Public Restroom and Construction of Tourism Covered
Pathways with Hanging Bridges

Dear COO Lapid,

This is to respectfully transmit the attached memorandum from the Office of the Chief of Staff regarding the request of Mayor James Pooten Jr. of the Municipality of Sagada, Mountain Province:

- Cancellation of the Proposed project of construction of Public Restroom near Bomod-ok Waterfalls
- Construction of Tourism Covered-Pathways with Hanging Bridges through the Sitios of Dao-Angan, Kinlebed, Igi, Eco-Valley
 and Latang Underground River, and Sagada Inter-Village Pathways.

Kindly acknowledge receipt of this email.

Thank you.

Best regards, DOT Office of the Chief of Staff

cc: Mayor James B. Pooten Jr.



MEMORANDUM FROM THE OFFICE OF THE SECRETARY

FOR

MARK T. LAPID

Chief Operating Officer

Tourism Infrastructure and Enterprise Zone Authority (TIEZA)

SUBJECT

REQUEST OF MAYOR JAMES B. POOTEN JR. FOR THE CANCELLATION OF THE PROPOSED PROJECT OF PUBLIC RESTROOM NEAR BOMOD-OK WATERFALLS AND CONSEQUENT REALLOCATION FOR THE SAGADA TOURIST CENTER AND PUBLIC RESTROOM; AND, REQUEST FOR FINANCIAL ASSISTANCE FOR THE CONSTRUCTION OF TOURISM-COVERED PATHWAYS WITH HANGING BRIDGES AT SAGADA, MOUNTAIN PROVINCE

DATE

09 FEBRUARY 2021

This is to respectfully refer to your office for appropriate action, subject to existing laws, and applicable procurement, auditing, budgeting, and accounting rules and regulations, the attached letters of Mayor James Pooten Jr. of the Municipality of Sagada, Mountain Province:

- Requesting for the cancellation of the proposed project of construction of Public Restroom near Bomod-ok Waterfalls with the purpose that budget allocation for the said project be included in the Sagada Tourist Center and Public Restroom fund allocation.
- 2. Requesting for financial assistance for the construction of Tourism-covered Pathways with Hanging Bridges through the Sitios of Dao-Angan, Kinlebed, Igi, Eco-Valley and Latang Underground River, and Sagada Inter-Village Pathways in the amount of One Hundred Twenty-Five Million Pesos (Php125,000,000.00).

May we kindly request your office to directly coordinate with the Office of Mayor Pooten on any action regarding this request, copy furnished our office.

Should you have any questions/clarifications, you may contact the office of the undersigned at ocos.dot@gmail.com.

Thank you.

TTY. EDWIN R. ENRILE

Indersecretary and Chief of Staff

Cc:

Mayor James Pooten Jr.

Municipality of Sagada, Mountain Province

Hon. BERNADETTE ROMULO-PUYAT Secretary, Department of Tourism New D.O.T. Bklg., 351 Gen. Gil Puyat Avenue 1200 Makati City BY TIME | III PM POC NO. 46-2020 - 00176

Thru: Atty. EDWIN R. ENRILE

Undersecretary for Legal and Special Concerns and Chief of Staff

COO POCHOLO D. PARAGAS

Tourism Infrastructure and Enterprise Zone Authority (TIEZA)

Dear Ma'am;

Warm greetings from the people of Sagada!

This refers to the proposed project: **Sagada Tourist Center and Public Restroom** in Sagada, Mountain Province. Said project has been terminated and was inspected last February 2020 by technical personnel from TIEZA and the Municipal Engineering Office.

Consequently, revision of the Program of Works of said project was necessary to conform with the Master Development Plan of the Mission Compound. The Mission Compound includes the site of the proposed project—which is under the stewardship of the Parish of St. Mary the Virgin. Please see attached revised Program of Works for your reference.

Relative to the above, may we request for the cancellation of the implementation of the proposed project: Construction of Public Restroom near Bomod-ok Waterfalls with the purpose that budget allocation for said proposed project be included in the Sagada Tourist Center and Public Restroom project fund allocation.

Trusting for your usual support and favorable consideration on the above matter while we remain as partners in working towards a sustainable tourism industry amidst the ongoing crisis, I remain.

Very respectfully yours,

Municipal Mayo

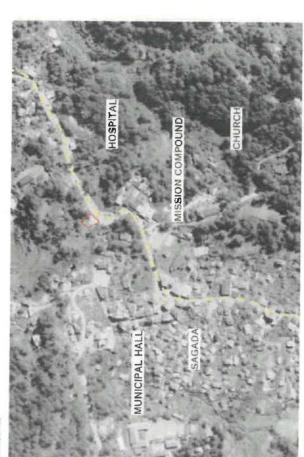
¢c:

Engr. Nestor M. Domaianta, Assistant COO, TIEZA

Engr. Resurreccion L. Aspuria, Construction Management Department Manager

CSMV Vestry, Sagada

PERSPECTIVE 1:200 A000



SITE PLAN

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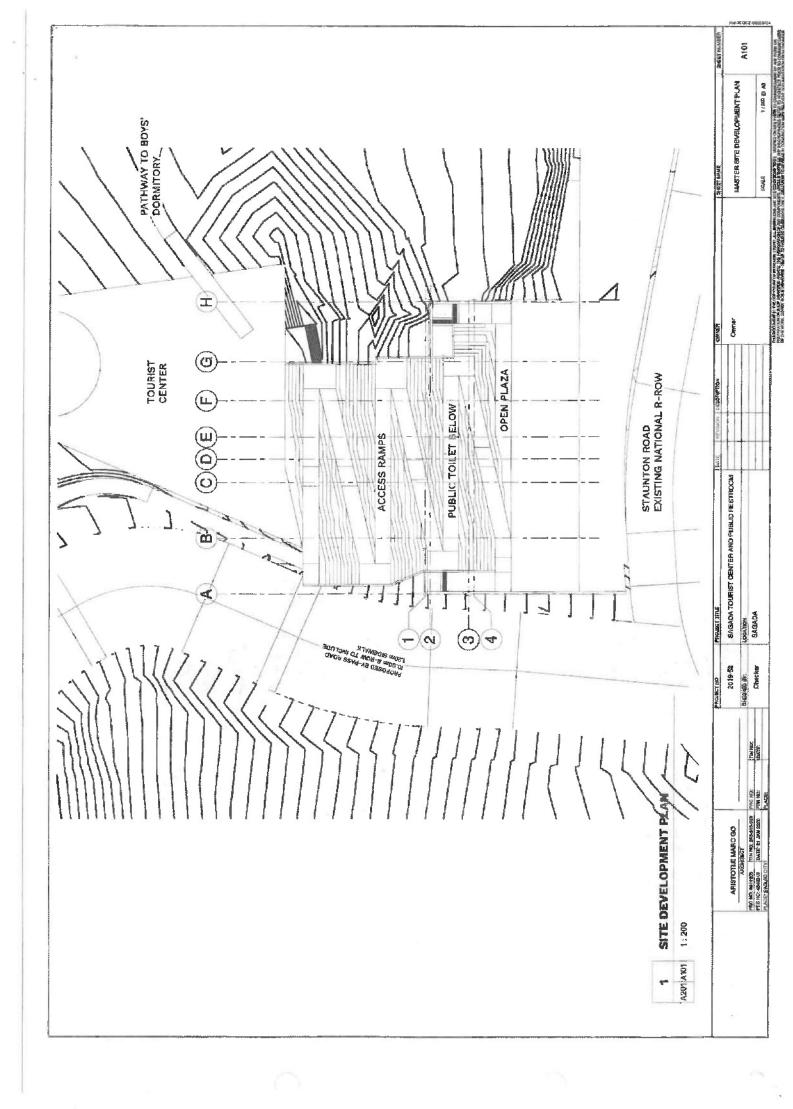
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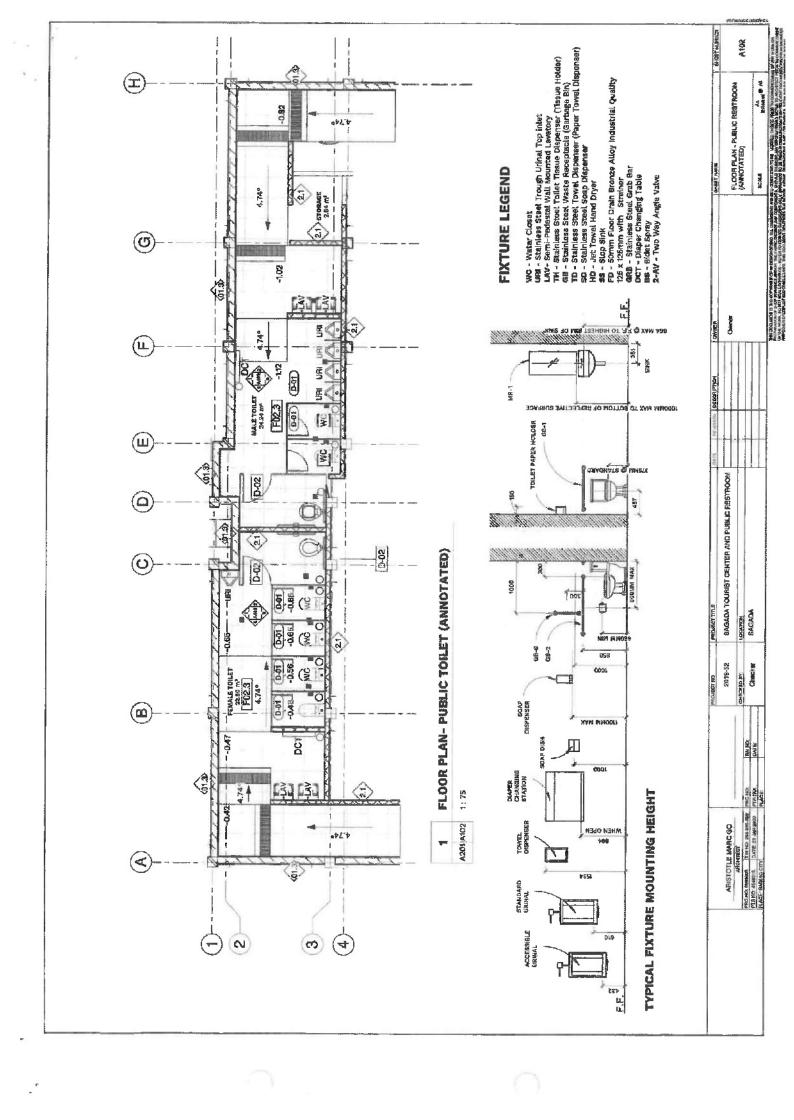
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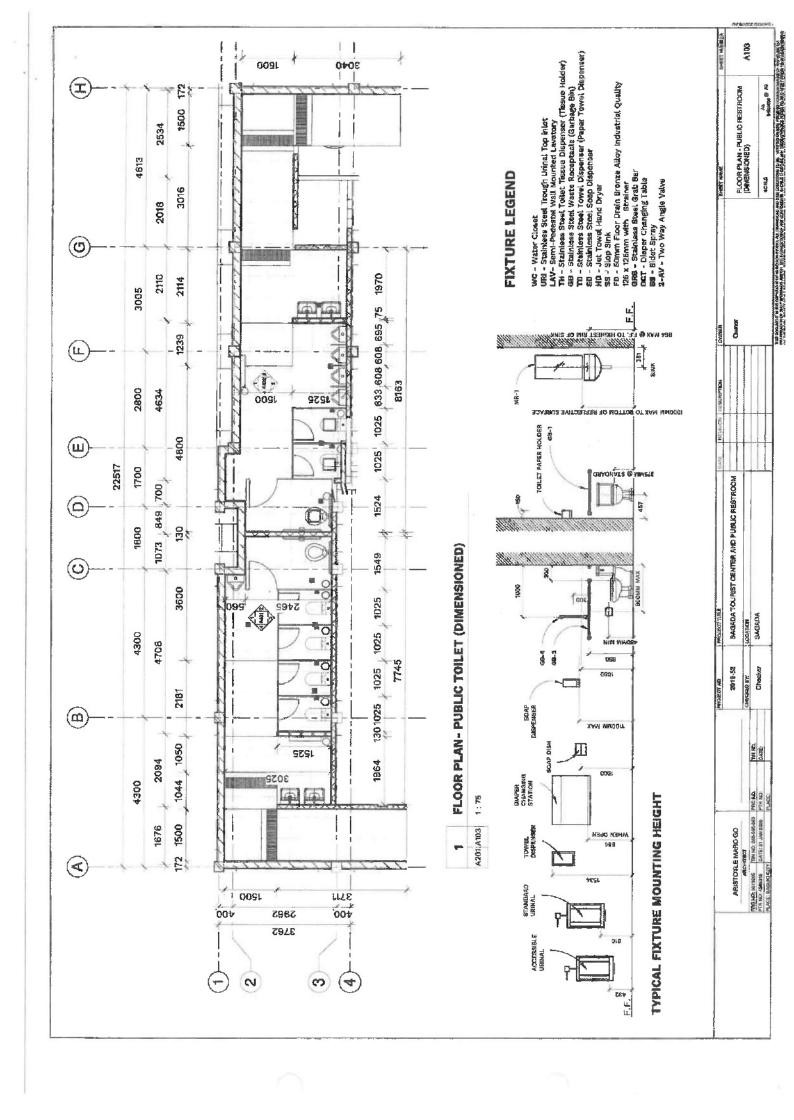
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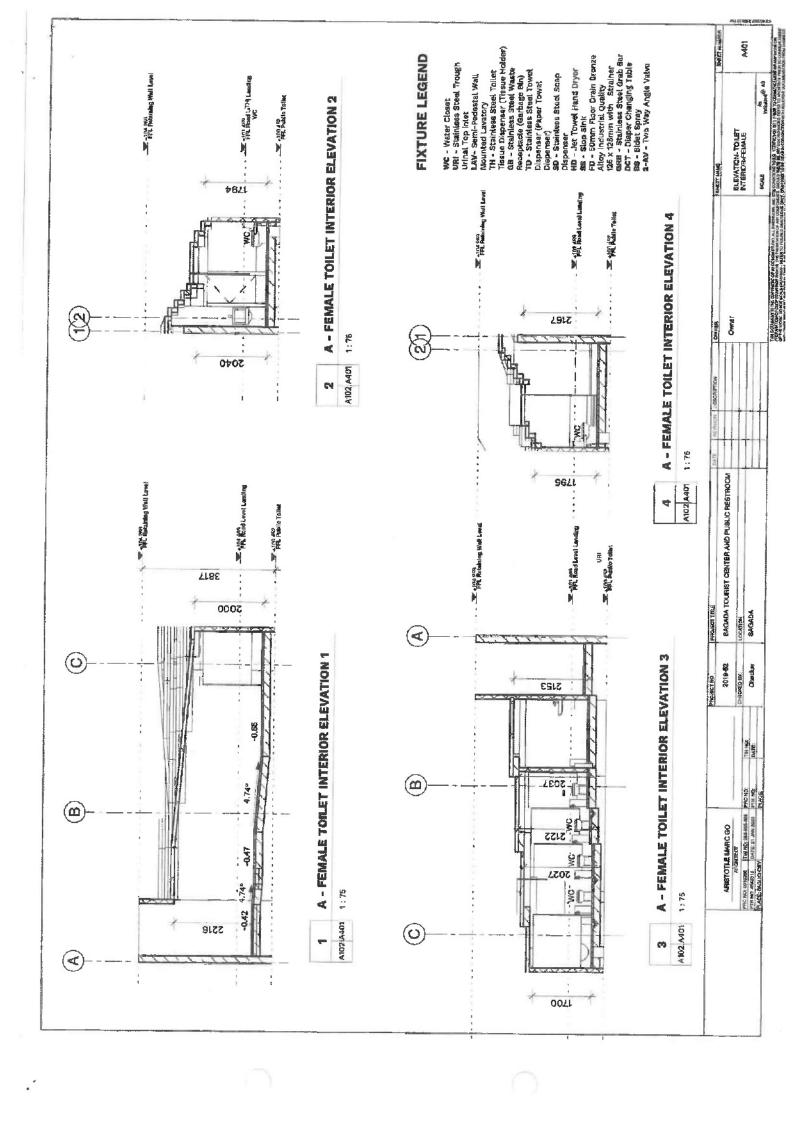
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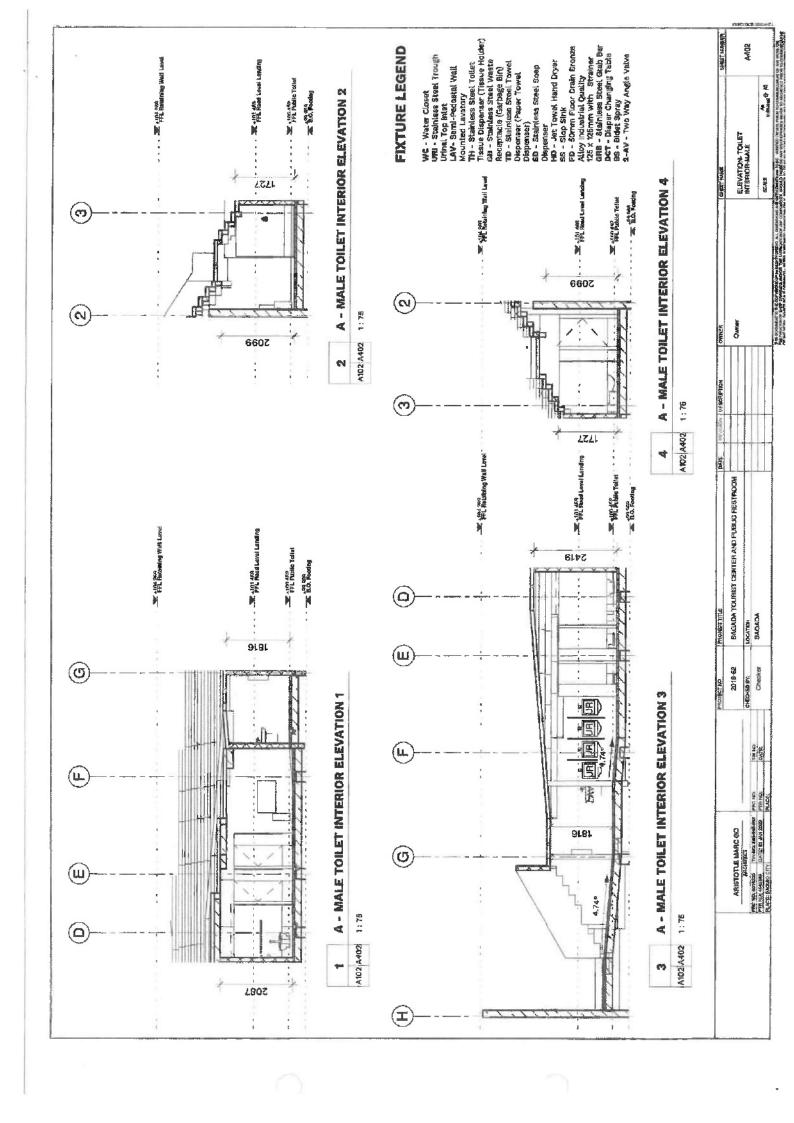
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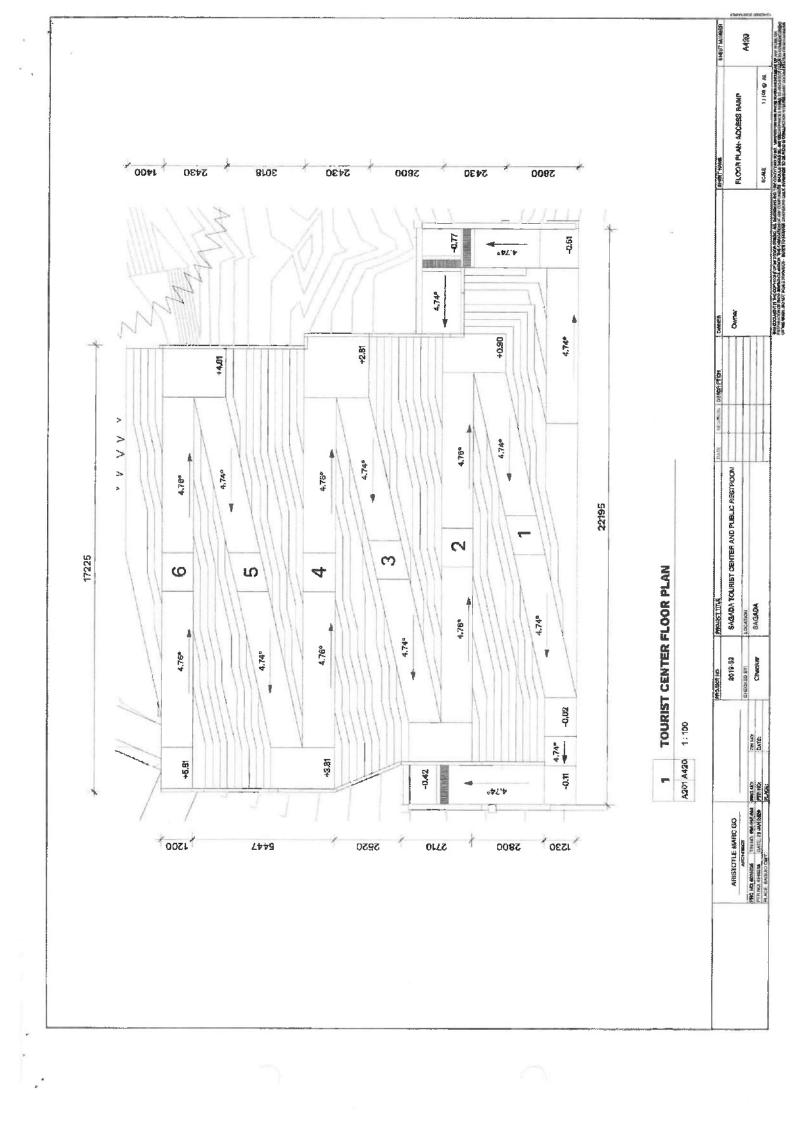


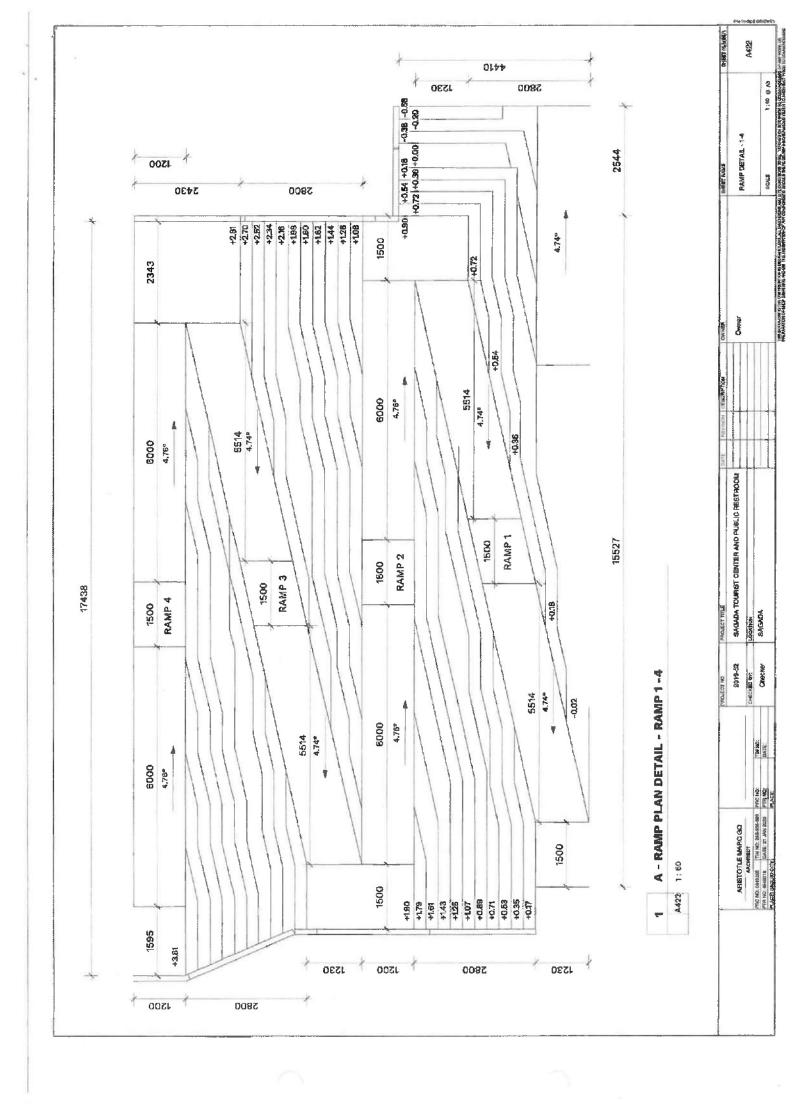


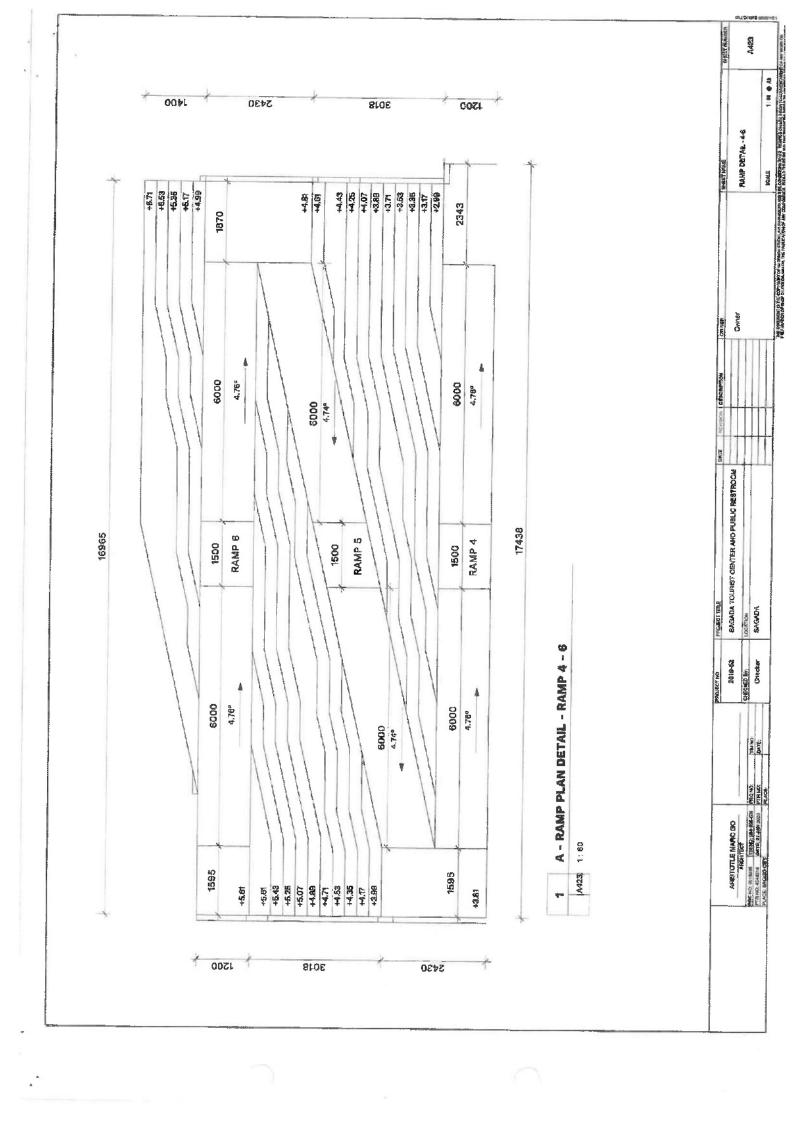


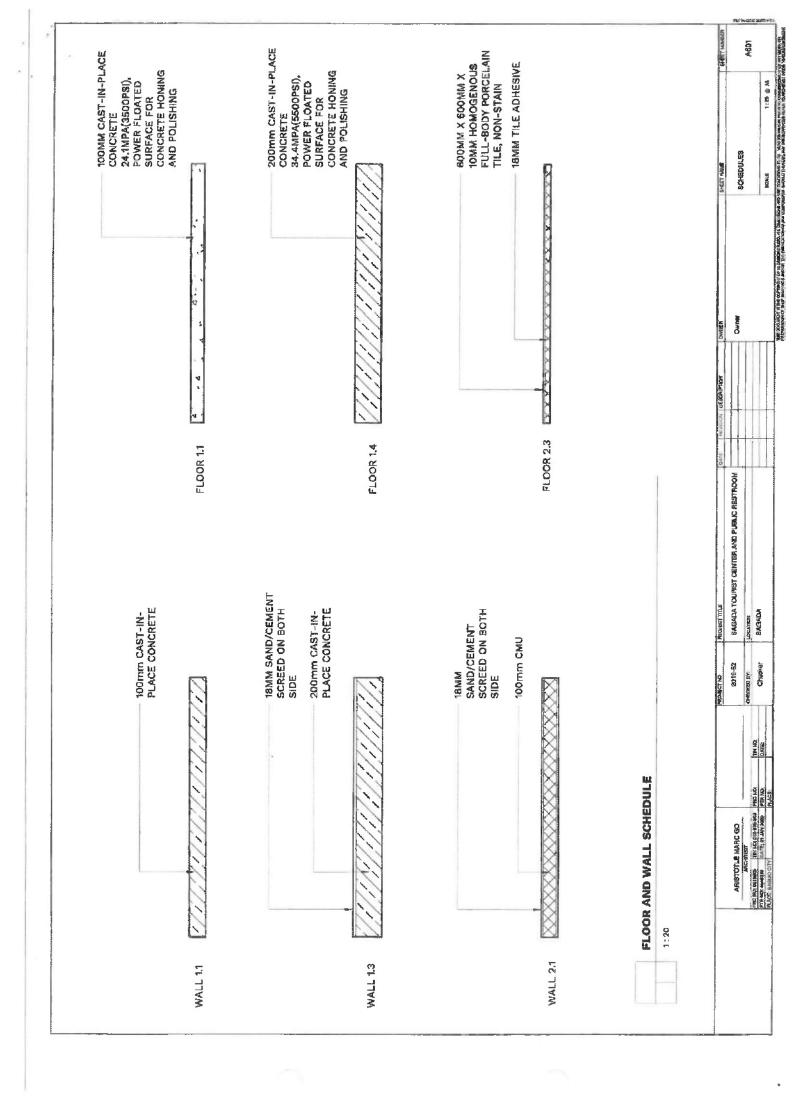


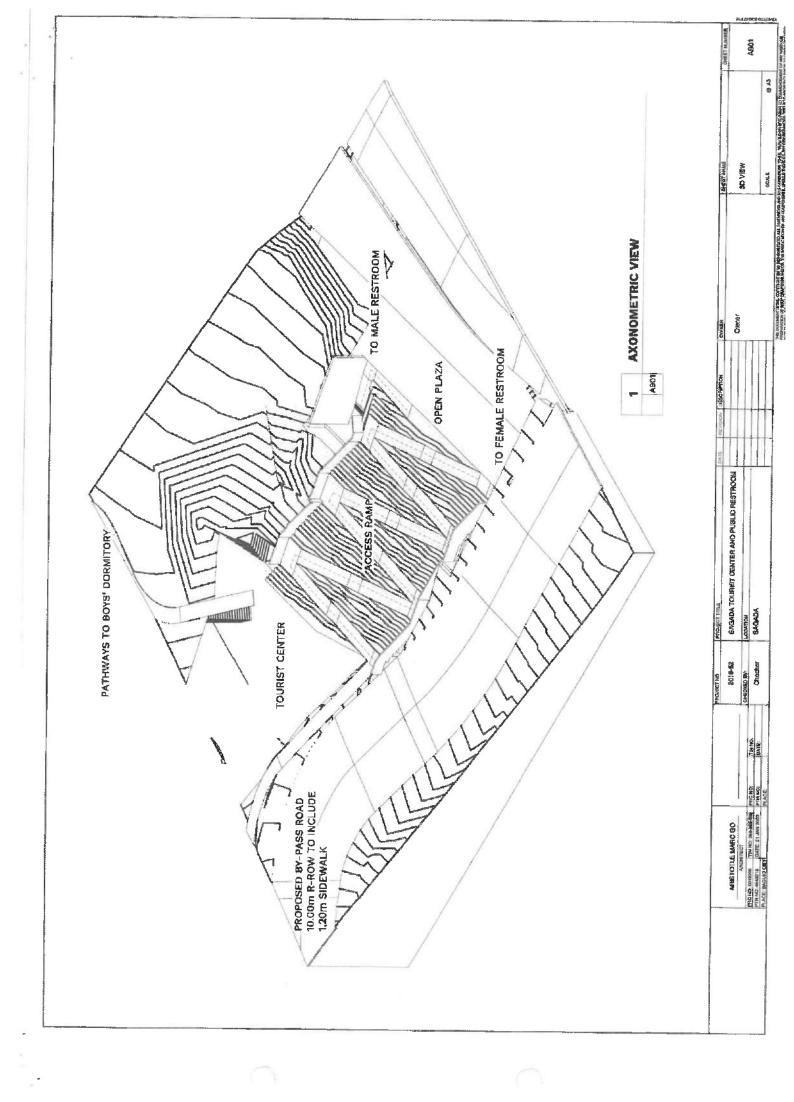


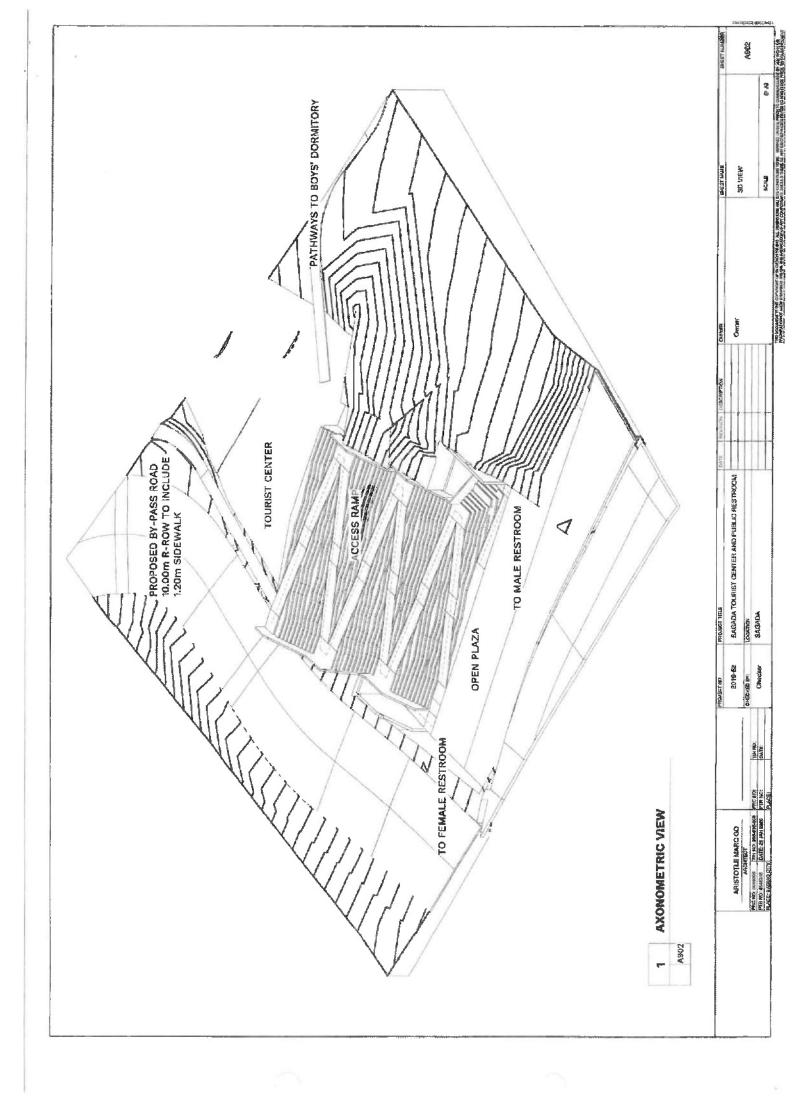












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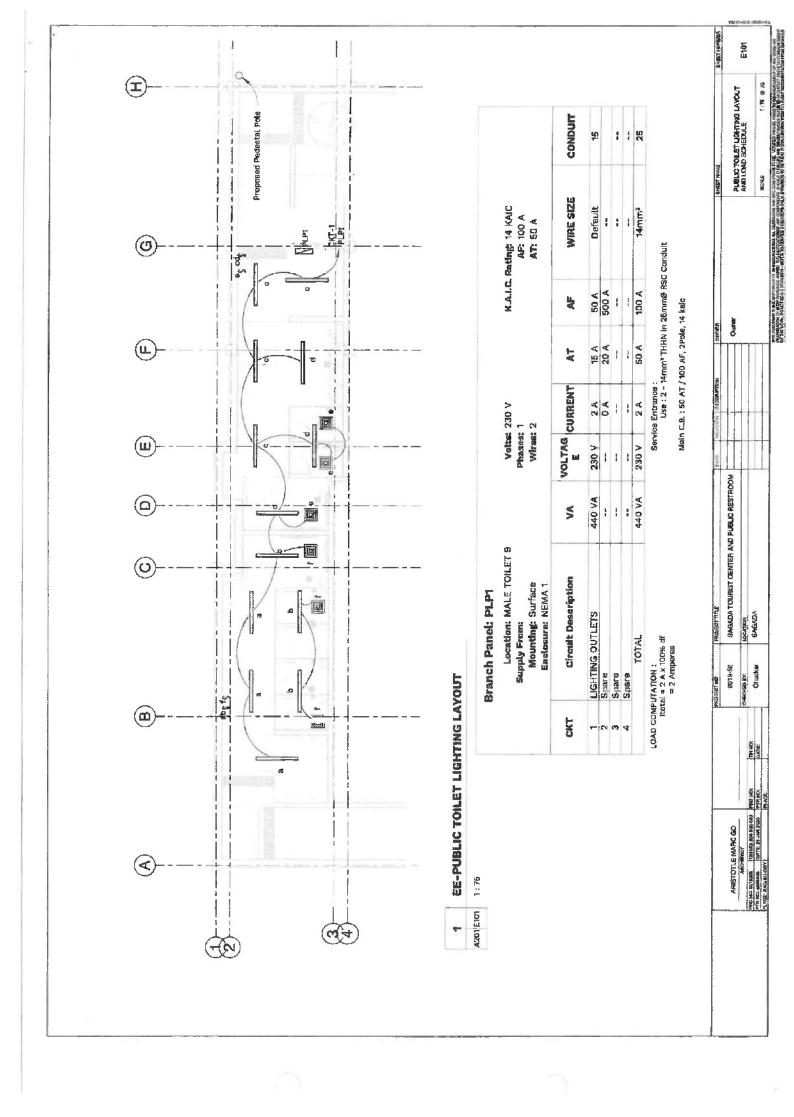
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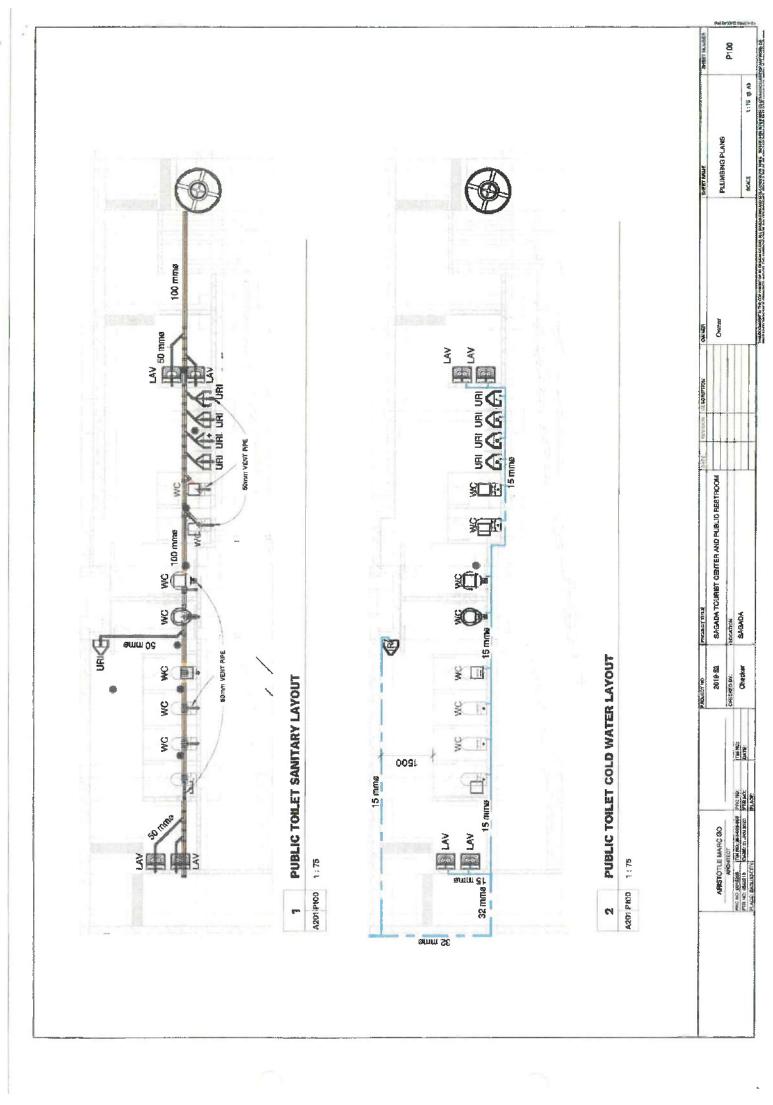
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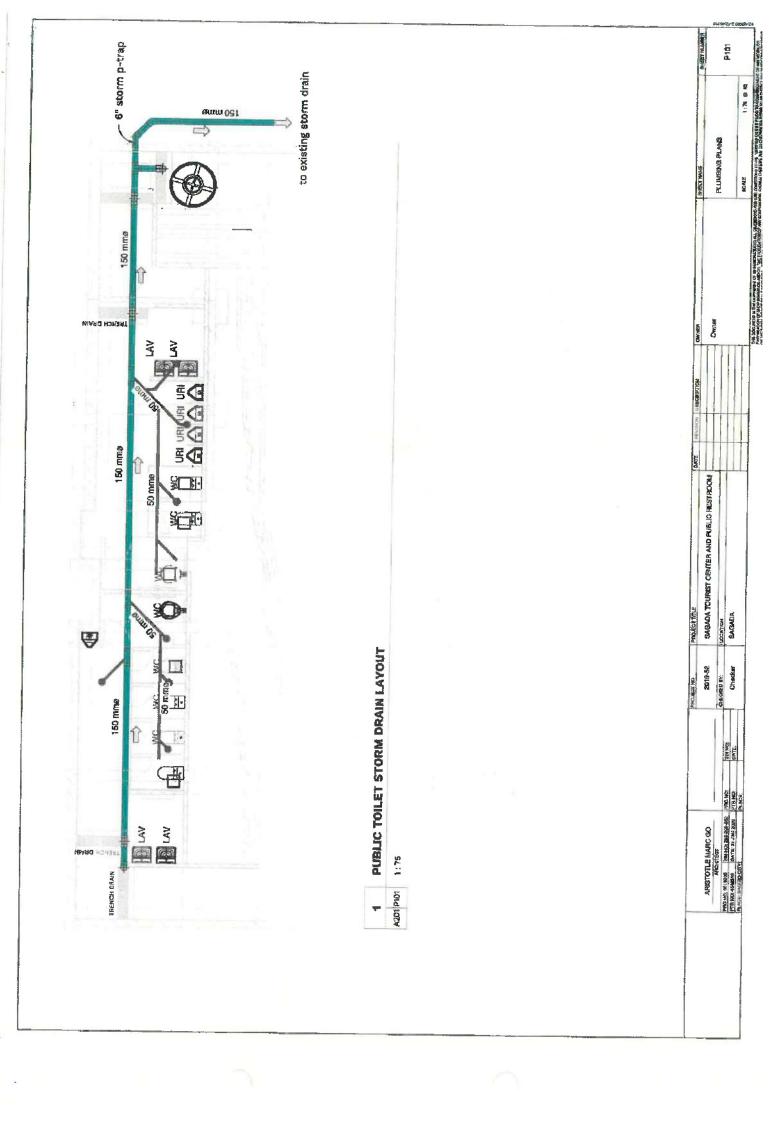
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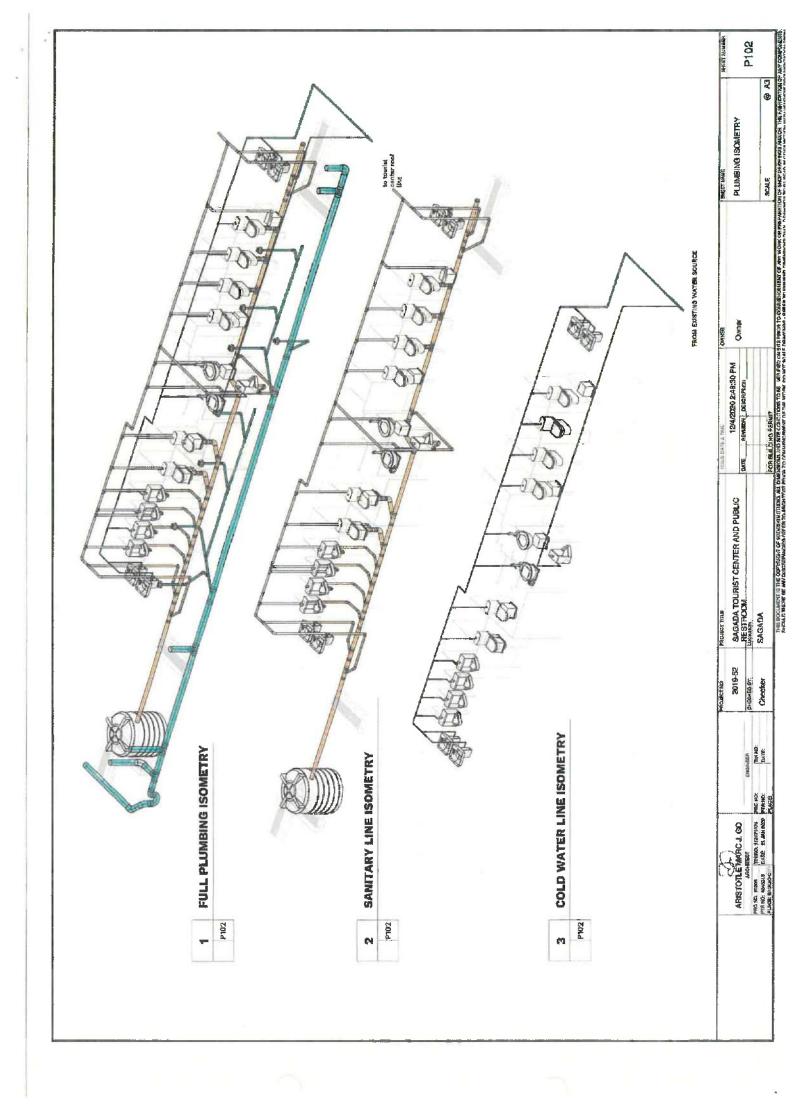
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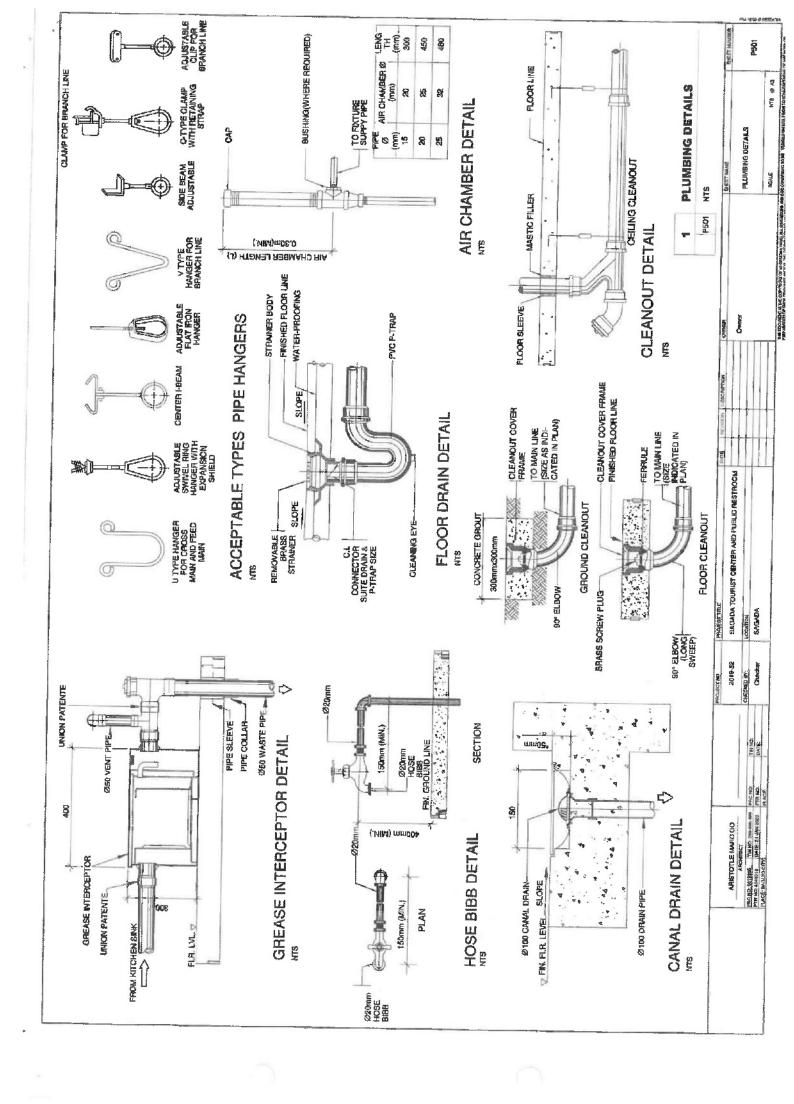


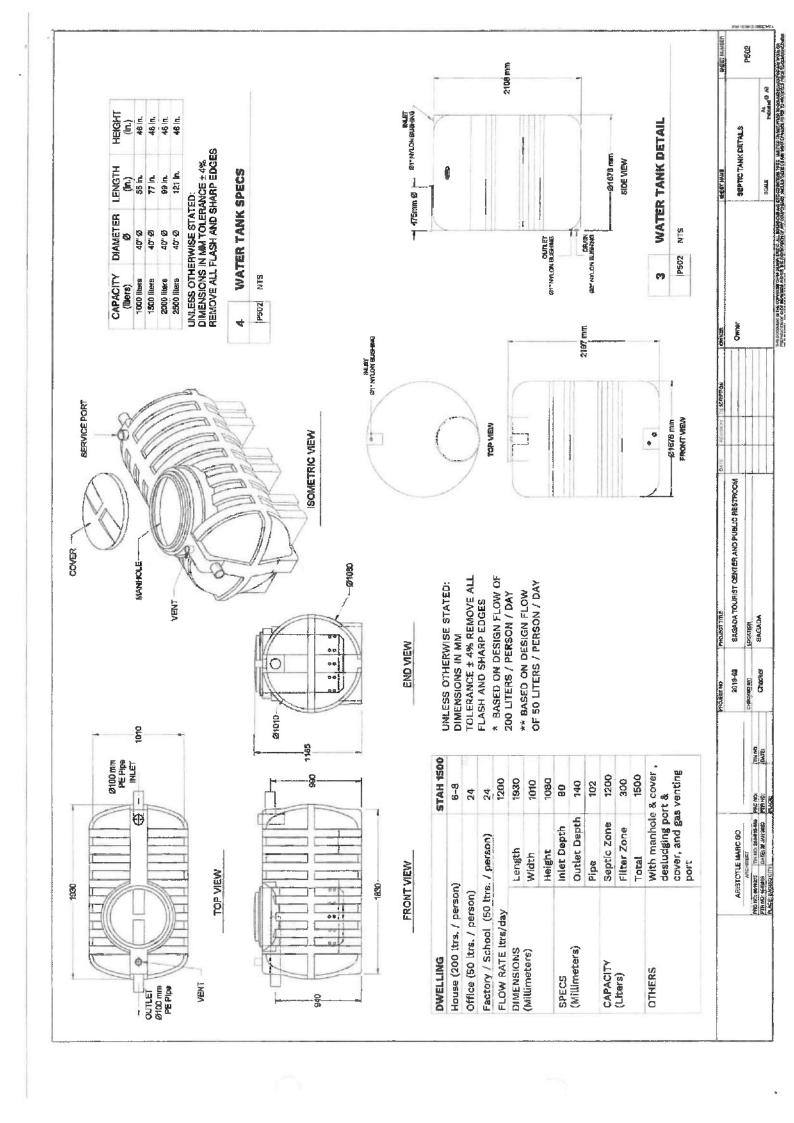
5	GENERAL NOTES:		MALERIAL SPECIFICATIONS:		
		ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE TO THE PROVISION OF THE REVISED PHILIPPINE PLUMBING CODE. THE NATIONAL BUILDING CODE	COLD WATER LINE (FOR INTERIOR PIPES)	POLYPROPYLENE BY VESBO, UNITEC, WIRSBO & REHAU.	
-		AND THE RULES AND REGULATIONS OF THE LOCAL. MUNICIPALITY.	VENT & DOWNSPOUT (FOR EXTERIOR AND EXPOSED PIPES)	50 TO 160mm, SHALL BE POLYVINYL CHLORIDE (PVC) PIPE. SERIES 1000, MANUFACTURED ACCORDING TO ASTM 2729 OR DNS/GAC 377	
,		COORDINATE THE DRAWINGS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS, THE ENGINEER AND / OR THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.	DRAINAGE LINE	60 TO 150mm, SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000, MANUFACTURED ACCORDING TO ASTM 2729 300mm, LARGER SHALL BE REINFORCED CONCRETE PIPE CONFIDMING TO ASTM. 200	
3.0		ALL PIPES SHALL BE INSTALLED AS INDICATED. ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF THE PLUMBING WORK SHALL BE WITH PRIOR APPROVAL OF THE E ENGINEER AND / OR THE ARCHITECT.	SEWER LINE	NON-REINFORCED CONCRETE PIPE 200mm. TO 350mm. TO ASTM-C/4, 50 TO 150mm. SHALL BE POLYVINYL CHLORIDE (PVC) PIPE, SDR-35 MANUFACTURED ACCORDING TO ASTM 3034.	
0.4		PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATIONS OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE	PIPE DIAMETER SEPTIC TANK:	ALL PIPE DIAMETERS INDICATED IN THE DRAWINGS ARE INSIDE. DIAMETERS.	
5.0		CONTRACTOR. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN TWO PERCENT (0.02) AND ONE PERCENT (0.01) MINIMUM UNLESS OTHERWISE SPECIFIED.	1.0 THE DIGESTION CHAM 2.0 NOT LESS THAN THIR BETWEEN THE SEWA	THE DIGESTION CHAMBER OF THE SUMP PIT MUST BE WATERTIGHT & AIRTIGHT. NOT LESS THAN THIRTY (30cm) CENTIMETERS OF AIR SPACE MUST BE LEFT BETWEEN THE SEWAGE LEVEL AND THE UNDER PART OF THE COVER.	- Milylana
6.0		WATER SUPPLY PIPE TO FIXTURE SHALL BE SIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.	3.0 INNER SURFACE OF L PLASTERED FINISH, COMPUTATION	INNER SURFACE OF LEACHING & DIGESTION CHAMBER SHALL BE CEMENT PLASTERED FINISH. TATION	
7.0		ALL BRANCHES OF FIXTURE OR GROUP OF FIXTURES SHALL BE PROVIDED WITH AIR CHAMBER MADE OF CAPPED VERTICAL EXTENSION PIPE.	WATER DEMAND CONSUMPTION TOTAL NUMBER OF OCCUPANTS	= 150 PE	
8. O.		ALL, WATER LINES SHALL BE HYDROSTATICALLY TESTED @ 100 PSI FOR A PERIOD OF TWO(2) HOURS BEFORE BURIED OR COVERED. GALVANIZED IRON (G.I.) PIPES DIRECTLY IN CONTACT WITH THE SOIL SHALL BE PROVIDED WITH TWO COATS OF MELTED ASPHALT AND WRAPPED WITH JUTE CLOTH SOAKED IN MELTED ASPHALT.	SIZE OF ABOVE GROUND TANKS:	= 7500 GALLONS PER DAY = 28.39 CU, M PER DAY KS: (RESERVED FOR 3 DAYS) = 27000 GALLONS = 102.21 CU, M	
0.6		THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES @ SITE AND COORDINATE THE WORK WITH THE SEWER AND STORM DRAINAGE LINE EFFLUENT DISPOSAL POINT AND WATERLINE SERVICE CONNECTING/TAPPING POINT.	NUMBER OF PERSONS AVERAGE OF SEWAGE FLOW RATE PER PERSON SEWAGE FLOW RATE PER DAY SIZE OF SEPTIC TANK: (28.39 LITERS/DAY X 0.75)	NUMBER OF PERSONS AVERAGE OF SEWAGE FLOW RATE PER PERSON 189.25 LITERS/ DAY 189.25 LIPERS/ DAY SIZE OF SEPTIC TANK: (28.39 LITERS/DAY X 0.75) + 1125 LITERS = 583.87 FO LITERS DES DAY	
11.0	_	OTHER DIMENSIONS ARE IN MILLIME WASE SPECIFIED. (S THEREIN, SHALL BE UNDER THE I STER PLUMBER AND OR A DULY LICE	NO. OF FIXTURES. 4 4 LAV X 1 fu = 20 4 URI X 6 fu = 20 8 WC X 6 fu = 48 15S X 3 fu = 3 TOTAL;	4 48 75 Fixture Units Proof NTS	
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A. GENERAL NOTES

- GENERAL NOTES & TYPICAL STRUCTURAL DETAILS SHALL APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR
- PEATURES OF CONSTRUCTION SHOWN ARE TYPICAL & SHALL APPLY GENERALLY THROUGHOUT FOR SIMILAR CONDITIONS. çi
- MODIFY TYPICAL DETAILS AS REQUIRED TO MEET SPECIAL CONDITIONS.
 THE CONTRACTOR SHALL EXAMINE THE DRAWINGS & SHALL NOTIFY THE ENGINEER / ARCHITECT OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK OR DURING CONSTRUCTION. ന്
 - If SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE ADEQUATE SHORING & BRACING, જ લ
- ALL MATERIALS & WORKMANSHIP SHALL CONFORM TO THE LATEST APPLICABLE STANDARDS OR SPECIFICATIONS. ALL
- WORKS SMALL CONFORM WITH THE BEST PRACTICE PREVAILING IN THE VARIOUS TRADES. INSPECTION-ALL CONSTRUCTION & WORKMANSHIP SHALL BE SUBJECT TO INSPECTION. EXAMINATION & TESTING BY THE ENGINEER / ARCHITECT.THE ENGINEER / ARCHITECT SHALL, HAVE THE RIGHT TO RELECT DEFECTIVE MATERALS & 80
 - WORKMANBHIP OR REQUIRE IYS CORRECTION. UNLESS SPECIFICALLY DETAILED ELSEWHERE CONTRACTOR SHALL FOLLOW TYPICAL DETAILS AS SHOWN IN THESE DRAWINGS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF WORK AMONG THE VARIOUS TRADES AS NECCESSARY TO AVOID CONFLICTS A TO INSURE THE INSTALLATION OF ALL WORK WITHIN THE AVAILABLE SPACE. DO NOT SCALE DRAWINGS. CALLED-OUT DIMENSIONS A STANDARD CODE REQUIREMENTS SHALL GOVERN OVER UN SCALED. 89
- SPECIAL NOTE: DIMENSIONS INDICATED ON THE STRUCTURAL DRAWINGS SHALL, BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS. ARCHITECTURAL DRAWINGS SHALL BE USED TO DEFINE DETAIL CONFIGURATIONS,
- CONSTRUCTION AS DEEMED SUITABLE PROVIDED THAT SUCH OPTION IS IN CONFORMITY WITH THE DESIGN CONCEPT OF THE PROJECT & IS COMPLIANT WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS GIVEN THE OPTION TO UTILIZE ALTERNATIVE METHODS OF DESIGN & ALTERNATIVE METHOD OF ELEVATIONS, DPENINGS, JOHNTS, SLOPES, ETC. Ę.

B. REINFORCED CONCRETE NOTES

SCHEDULE OF CONCRETE 28-DAY COMPREHENSIVE STRENGTH AND TYPES

LOCATION	LOCATION STRUCTURAL ELEMENTS 28-DAY COMPYEHENSI	STRUCTURAL ELEMENTS 28-DAY COMPTENENTIVE STRENGTH DENSITY	DEMSITY	MAX, BLUMP
FOUNDATION	PILES FOOTING THE BEAMS	4000 PSI	150 PCF	4" (tD0mm)
GROUND TO ROOF	SLAB, BEAMS GOLUMNS, RAMPS RC WALLS RETAINING WALLS	4000 PSI	150 PCF	5" (125mm)

SCHEDULE OF CONCRETE AGGREGATIES

TEMB	AGGREGATE SIZE
FOOTING THE BEAM	3/4" (19mm)
SLAB BEAMS, COLUMNS, RAMPS RC WALLS, RETAINING WALLS	3/4" (19mm)
CURBS & MASS	1" (35mm)

- INFORM THE ARCHITECT/ENGINEER OF OTHER MISCELLANDUES CONCRETE STRUCTURAL ELEMENTS NOT SHOWN ABOVE
 - 여연호
- TO DETERMINE THEIR COMPREHENSIVE STRENGTHS.

 ALL CONCRETE WORK SHALL CONFIRM TO THE LATEST EDITION CODE OF THE AMERICAN CONCRETE INSTITUTE (ACI 318-01)
 LOCATION OF ALL CONSTRUCTION OR COLD JOINTS MUST BE APPROVED BY THE ARCHITECT/ENGINEER,
 PIPES OR DUCTS EXCEEDING ONE THIRD THE SLAB OR WALL. THICKNESS SHALL NOT BE PLACED IN STRUCTURAL. CONCRETE UNLESS SPECIFICALLY DETAILED. PIPES MAY PASS THROUGH STRUCTURAL CONCRETE IN SLEEVES BUT SHALL
 - NOT BE EMBEDDED THEREN.
- REINFORCING BARS, ANCHOR BOLTS, AND OTHER INSERTS SHALL BESECURED IN MACE BEFORE FOURING CONCRETE BARS
 - PLACEMENT AND SUPPORTS SHALL BE IN ACCORDANCE WITH THE RECOMMENDED ACI PRACTICE.
 IN GENERAL, THE LATEST EDITION OF (MANIAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) ACTS
 316, SHALL BE ADHERED TO, UNLESS SHOWN OTHERWISE.
 1916. SHALL BE ADHERED TO, UNLESS SHOWN OTHERWISE.
 1916. DE ADALINCTURES IS REMAITTED TO PRODUCE PROPES SLUMP AND WORKABILITY BUT SUBJECT TO THE ENGINEER'S
 APPROVAL, ADDITION OF WATER TO CONCRETE AT JOBSTITE IS NOT ALLOWED.

REINFORCING STEEL

SCHEDULE OF REINFORCING BARS

ALTHOUGH TO MILES	WICHDE (FT)	ASTA
DIA. 2D AND SMALLER	GRADE 40 (40,000 psi.)	AB15/AB15M (DEFORMED)
DIA. 25 AND LARGER	GRADE 40 (40,000 psl.)	AGIS/AGISM (DEFORMED)

							1000	E H
	ARISTOTL	ARISTOTLE MARC GO			2019-52	SAGADA TOURIST CENTER AND PUBLIC RESTROOM		+1
	AMC	HUECE			CARCAGO BY:	LOCACEM	-	1
	PRIC NO. DOTTOBE	THE REP. 255-195-409	PRIC NO.	ONNU				+
-	FTR NO: 4548318	DATE: 21.3ANE 020	PINNO:	CAUTE	Chasker	BAGRDA		1
	PLACE BASCHO CITY	100000000000000000000000000000000000000	PLADE:		1			-

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STRUCTURAL NOTER

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DESCRIPTION

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- BARS SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIALS LIKELY TOIMPAIR BOND, ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- 2. ALL GRADE 80 REINFORCING STEEL SHALL BE CLEARLY MARKED TO DIFFERENTIATE THEM FROM GRADE 40 REINFORCING STEEL IF CONCURRENTLY ON SITE
 - IN GENERAL, BAR SPLICES SHALL BE MADE AT POHNTS OF MINIMUM STRESS.SPLICES SHALL BE SECURELY WIRED TOGETHER. STAGGER SPLICES AT LEAST 600 mm. WHENEVER POSSIBLE IN BEAMS AND SLABS SPLICE TOP BARS AT MID SPAM AND BOTTOM BARS TARRED SPLICE TO BENEVER SHAM AND BOTTOM BARS TARRED OR SPERM THE SE MADE ONLY AS REQUIRED OR BERRAITED ON DESIGN DRAWINGS OR AS ALLOWED BY THE ACI CODE OR AS AUTHORIZED BY THE ENGINEER, BARS NOTED AS "CONT." SHALL HAVE A MINIMUM SPLICE LENGTH OF 42 BAR DIAMETERS BUT NOT LESS THAN 600 MM.
 - चं
 - REINFORGING SHALL BE SPLICED ONLY AS INDICATED ON THE DRAWINGS. MINIMUM CONCRETE COVER FOR REINFORGING BARS SHALL BE. ത് ത്
- mm 69 38 mm AS IDM 38 mm 60 mm COVER 25 mm STRUCTURAL SLABS TOP & BOT. (INTERIOR) CONCRETE CAST AGAINST EARTH EXPOSED TO EXTERIOR WEATHER FORMED SURFACE BELOW GRADE COLUMNS AND GRADES SLAB ON GRADE
- WELDING OF REINFORCING STEEL IS NOT PERMITTED UNLESS OTHERWISE SHOWN ON THE DRAWINGS, WELDING OF REINFORCING STEEL SHALLCONFIRM TO AWS DI 4-79 "AWS STRUCTURAL WELDING CODE-REINFORCING STEEL" OF THE ANY WELDING TO BE PERFORMED MUST HAVE PRIOR. WRITTEN APPROVAL OF THE ENGINEER. r. €
 - AMERICAN WELDING SOCIETY. REINFORCING STEEL NOT COMFIRMING TO ASTM A 706 MAY BE LISED IF MATERIAL PROPERTIES OF THE REINFORCING STEEL CONFIRM TO AWS D1-79. σí
- SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REINFORCING STEEL PREPARED IN ACCORDANCE WITH ACI 315, INDICATE BENDING DIAGRAM, ASSEMBLY DIAGRAM, SPLICING, AND LAPS OF ROOTS AND SHAPES DINENSIONS AND DETAILS FOR REINFORCING BARS, ANCHOR BOLTS, DOWIELS AND OTHER EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.

D. STRUCTURAL STEEL

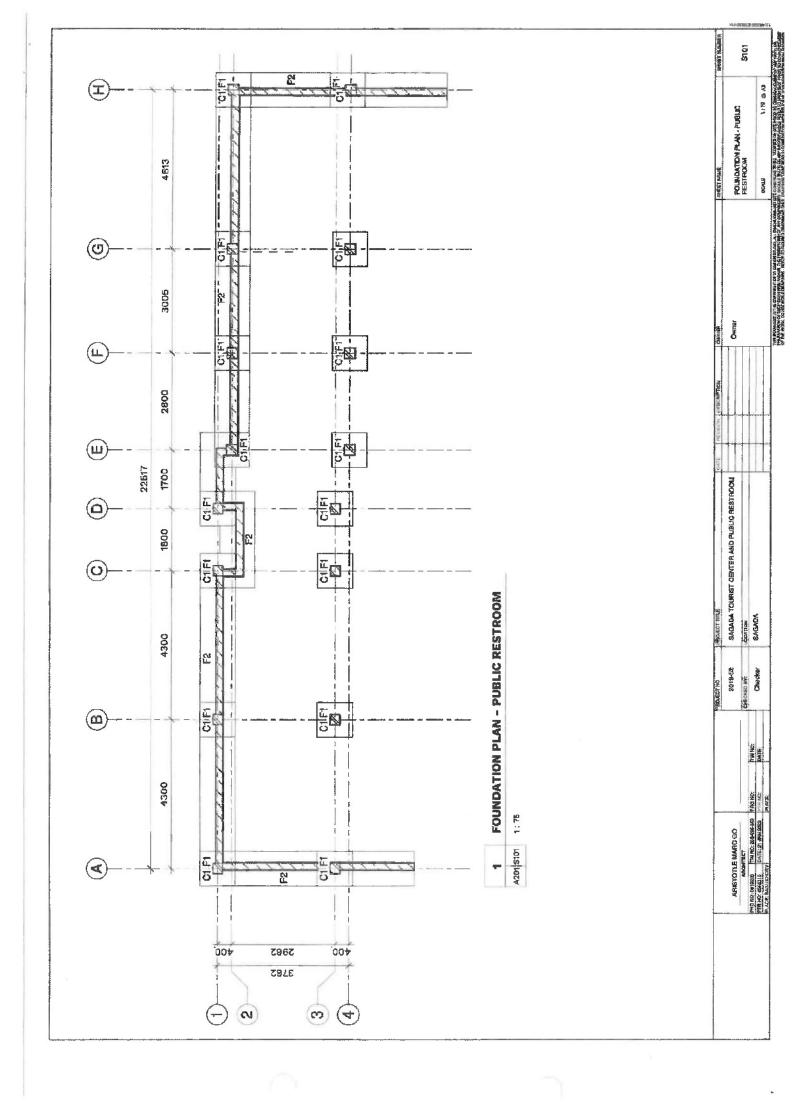
- SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
 - DESIGN LOADS FOR BUILDINGS SHALL MEET THE REQUIRED STRUCTURAL DEBIGN CRITERIA. STEEL PLATES, SHAPES, BARS AND METAL FAGRICATIONS: ASTN A-36.
- ल्ला के महत्त्व
- STRUCTURAL BOLTS AND NUTS: ASTM A-325, GALVANIZED, 7/8DIAMETER AND BELOW. A-490 1' DIAMETER AND ABOVE. ELECTRODES FOR WELDING: ASTM A233 E_BOXS SERIES; COMPLY WITH AWS DIJ CODE REQUIREMENTS. FLAME CUTTING AND VELDING SNALL BE DONE IN ACCORDANCE WITH LATEST" STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY. ŀ.
 - ALL BUTT WELDS SHALL BE FUIL, PENETRATION WELDS AND SHALL BE PROPERLYBACK-CHIPPED OR GOUGED, BACK-UPPLATES SHALL BE PROVIDED AS REQUIRED. SHOP PAINTING FOR STRUCTURAL STEEL BE RUST INHIBIT PRIMER WITH MINIMUM D.F.T. OF 2.0 MILS. TOUCH-UP PAINTING : APPLY PAINT TO EXPOSED AREAS IN MANNER SATISFACTORY TO THE EMGINEER WITH SAME.
- MATERIAL AS SHOP PAINT
- 10. COMPLY WITH AISC CODE AND SPECIFICATIONS FOR BEARING, ADEQUACY OF TEMPORARY CONNECTION AND **ALIGNMENTS.**
- 11. CONTRACTOR SHALL FURNISH COMPLETE ERECTION DRAWINGS FOR THE PROPER IDENTIFICATION AND ASSEMBLY OF THE DRAWINGS WILL SHOW ANCHOR BOLTS SETTINGS, PRIMARY, SECONDARY AND ROOF FRAMING, AND NECESSARY INSTALLATION DETAILS, SUBMIT SHOP DRAWINGS FOR APPROVAL, BEFORE APPLICATION.

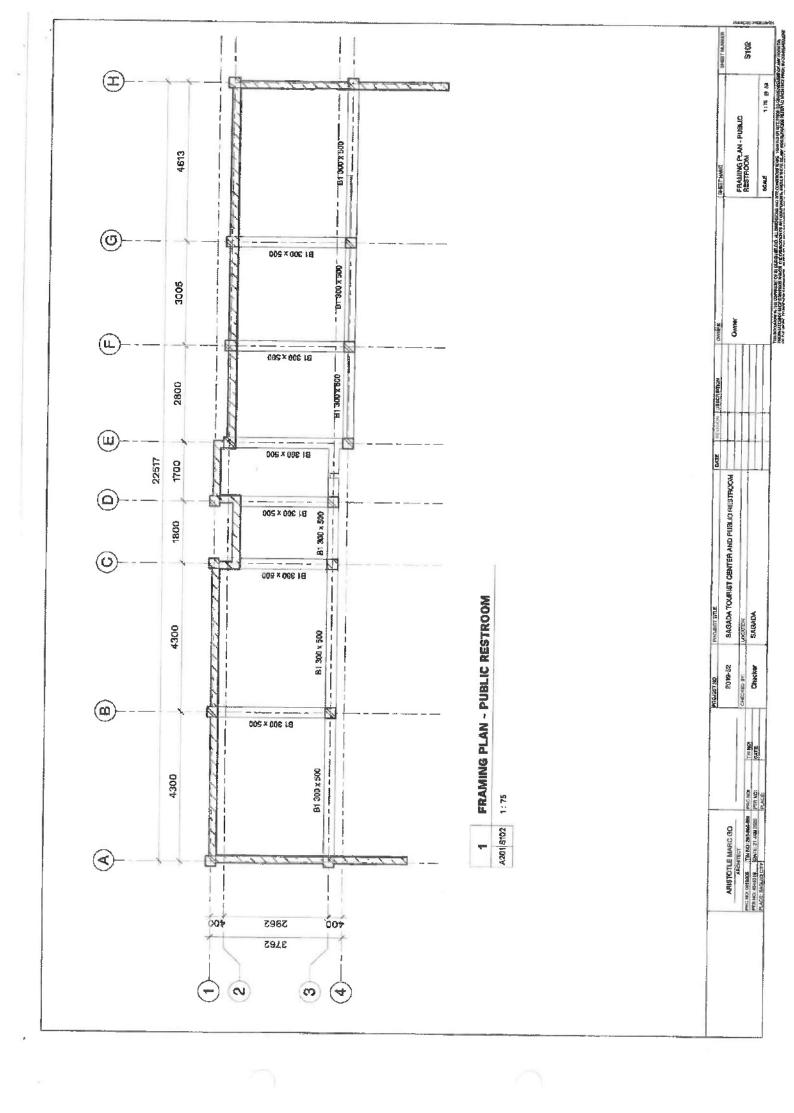
E. PORMWORKS

- FORMS SHALL RE PROVIDED FOR ALL CONCRETE INDICATED UNLESS SPECIFIED OTHERWISE, FORMS SHALL BE SET TRUE TO LINE AND GRADE AND MAINTAINED SO AS TO INSURE COMPLETED WORK WITH THE ALLOWABLE TOLERANCES SPECIFIED AND SHALL BE MORTAR TIGHT. ť
- FORMS AND THEIR SUPPORTS SHALL BE DESIGNED SO AS NOT TO DAMAGE PREVIOUSLY PLACED STRUCTURE. BY CONSTRUCTURE LAD. SHALL BE SUPPORTED ON, NOR ANY SHORING REMOVED FROM ANY PART OF STRUCTURE UNDER CONSTRUCTION EXCEPT WHEN THAT FORTION OF THE STRUCTURE IS COMBINATION WHIT THE REMAINING PORMING AND SHORING SYSTEM AGE SUFFICIENT STREAMFING STRUCTURE SACREMENT AND THE ADDITIONAL, IMPORTD LOADS FORMS SHALL BE REMOVED IN SUCH MANNERS SO AS NOT TO IMPAIR SAFETY AND SERVICE ABILITY OF THE STRUCTURE. લં લં
 - SCHEDULE OF STRIPPING OF FORMS AND SHORES, 4, πj

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FOUNDATION	
	24 HRS
SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPAIRED	14 DAVE
COLUMNS / WALLS	00000
BEANS	CIVA .





TOTALS	TOTALS		PERSONA				P20,387.48														
TOTAL COST	TOTAL COST	P16,800.08 P2,636.00 P2,438.00 P2,438.00 P2,438.00 P2,438.00			P16,P42.43	4 8.00		THE PROPERTY OF THE PARTY OF TH	F-24,020.00	P-6,897.73	#8,500,00	94,808,00		0 47 TH A	9-25-D#0.16	P-8E,672.18	PTAJMAGE		And the same	P28,352.97	F260,388,67
VAT(5%)	VAT(e)s)	P800.00 P1,128.00 P1,128.00 P1,128.00 P1,128.00 P460.00			P746.83	90°04			F1,820.0B	Paakaa	P405.00	#.405.0g		62.246.46	#LSTLID	P2,680.58	P3,618.76	34 984 00	74.100	79,187,197	**************************************
Overshead, Continuesses and Miscotheroness Theorem CCRP PED PT Treethood	Comment Continuous and Miscellaneous Expenses OCIS+ PROFIT	111111			P2,458.16 P1,726.20	00'04			P5,400,00	P4,710,76	P1,350.80	PL350.00		97.488.00	P5,670.34	PR, BISR, GO	F12,042.53	68 2000 AM	10 mm	22,988,27	P46,088.90
	TOTAL DINECT	**************************************			912,430,50 98,631,00	00'04			927,000.00	PS,562.75	P8,750,00	P6,750.00		P27,440.00	F27,851,71	P44,343.00	P60,312.6T	********	#28.748.80	-18.001.00	P290,444.50
LABOR UINT	LABOR UNIT	********			9160.00	W150.00			\$0.084	00'92.4	490.00	PB0,00		14,350,00	618.20	P1,350,00	418.20	P1.050.00	418.50	P10,20	P1,850.00
MANTEHBIL UNIT	MATERIAL UNIT	2			111	# ##			000000	P250.00	P300.05	100.00		P-4,E00,00	P46.00	P4,500.00	P48.00	P8.300.00	P48.00	*48.00	#5,600,00
QUANTITY UNIT	QUENTTY QUET	1.00 Loc 1.00 Loc 1.00 Loc 1.00 Loc 1.00 Loc 1.00 Loc 1.00 Loc 1.00 Loc			87.54 m²	Ė			300.05	74.88 m²	75,00 m ^a	78.00 m³		6.40 m²	414.46 Hg	ε ^ω 85.2	BOTAN KE	8.76 m²	SAN DE SAN	De Person of	12.23 m
LOCATION ON PLAN	LOCKTION DA PLAN				alab on grade Footling, bearite acts, retaking welds				retaining wall	EOMETHE	suspended stab	grade basera									
SARADA TOURLHT CRUTER DESCRIPTION GAGINDA TOURIST CRUTER	ebata par para	Devineur 61 - Althera Refighteringer 19 Mention 19 Ment	District of Bentoval.		basikfil and drading works (filty, all out not chall be used for besidiling works Exemution Works (out and baskfilly, all out soil shell be used for beddilling works works for Works (out)	Exercised on for Septis Tanka and plumbing thes	DIVISION OR SULFOTAL	DIVINON AS - CONCRETE	S To			Formwork Sehrat for Cast-vis-Place grade beams in 1/2* phanolic boards with 1- 1/2* place blaces apaced every Eddheimichemped including shorting and accessories	CONCRETE AND STREEL WORKS (SPUBLIC RESTROOM	Fill - COORCIODIX400mm SSOOpsi (24.1mPA) Constate Wall Footing Boomm below Larel 1	20mmS reinfedement bare apacod at every 200mm OC both ways	P2 = 1000x300mm 3500ps (24,1mPx) Concrete Wall Footing 600mm below Level 1	30mmS reinfocement bare apaced at every 200mm OG both ways	skom 68-1- 300mmx800mm Cast-İn-Place SODQue (37.8m9A) Constate Grade Ream	26mm3 Retricognment bars 660 Include 19 Sauge 61 de wites	12mmO Sunforcement bare 640 include 10 Bauge Ca' tie wings annyabiling 1944,	Wall Type ONE SOOmm BOODpal (37 BrotA) Centrin-place Concrete Nataining Wall
PROJECT: FROAKCT:	ITEM	99 99	01 50 00	00-00-00			00 e0 ce	42 00 60													

TEM	BANG CHIPTYOAN	ADCATION ON PLAN	QUANTITY UNIT	MATGRAL UNIT	CENT CENT	TOTAL DIRECT	Overhead, Ombiogency and Micoellanasus Espenses Octics PROFIT	WATIBH	TOTAL COST	TOTALS
	12 mmil Reinforcament bars 645 at 300mm 0.5 include 16 Bauge 63 de wiess. Contame		9,787,86 kg	9-46.60	F19.20	P187,260,81	P97,670.18	PTI,241.05	P236,082.15	
	C1 - 300mm X 300mm Cast-in-Place S000ps (37.5mPA) Consists Column		F.97 m ²	93.800.00	P1.160.80	P20 WM. 40	and seem than	25 25 20		
	2をい mild Reinforcesment bara SRO Include 16 Gauge Gi tre wires		2,226.6B kg	P-48.50	P19.20	P-148.787.09	#20.8E3.45	PA TOR AS	Bette Total	
	12mm3 Reinforcement bare 640 traducte 18 Gauge 61 the winns		Cathari Ng	P48.00	F19.20	P59,367.84	PT1,278,57	F3,362,07	PTACTA 48	
	4507 <i>5</i>									
	FLOOR TYPE OLD 200mm Gast-In-Place Consruts on grade 2600psi (24.mmPs). Power Floated surface for Concrete Horing and Posteling		12,9± m	P3,800,00	F1,349.00	P86,116,20	917,023.34	PE,108.97	197812120141	
	Sammed Reinforcement bars 680 - Temperature Bars at Boomm OC BW Instade 18 Guige GI 8e wires		382.46 kg	P48.00	F19.20	12,588,839	P10,788.50	\$4,23B.55	74.04.404	
	TSWIN Basechuse, ইইলাল Costee Aggregate Laking thechanical portipaction		66.17 m²	P900.00	P360.00	P108,574,20	P20,714.84	P8,514.45	Productes	
	COMPRETE AND STIEL WORKS @ RAMP				60'00	₽0.00				
	PLOSE									
	FLOOR TYPE 641 100mm Cast-in-Mose Central on grads 2500ps (24,4mPA), ON GRADE Power Floated surface for Contrals Holing and Polishing	ON GRADE	25.80 m²	F3,805,00	P1,140.00	00/260/1914	P31,418,40	P1,425.52	P-107,4786.02	
	22mmid Mainforcement but 2 080 - Temperature Bairs at 600mm OC BW Inducte to Dungs Stille Wires		\$61.48 kg	9948.00	19.20	P82,827,04	₱12,835,41	P3,767.62	70.010.07.7	
	78mm Banacaska, 25mm Coame Aggragate using machenical compaction		200,000 mg	#400,00	4360.00	00,181,7727	02.889.30	P22,830,89	PATS,248.0s	
	FLOOR TYPE Bit it 100mm Cust-in-Place Consists on grade 3600pul (24.1mPA), Power Bloaded surface for Concrete Honing and Polishing	SUSPENDED	TLAS ent	98,808,00	P1,140.00	955,780.80	Ph;359.52	₱2,408.84	P71,888.34	
	12mmild Rainforcement bare GBD - Yempanatura Bara at 15Orian DC RW kxd.uda 19 Gusge GI ya wifee		24 et.bes,r	₱48.00	19.20	PBB,382,72	P47,878,54	95,362,88	+ Italiana	
01 00 00	DALISTON IS - sell TOTAL.	THE PERSON NAMED IN COLUMN		STATE OF THE PARTY						DA JULY CARE AND
76.00.00	A BAN A A FALL AND A STANDARD TO STANDARD									
00000	A Maddania - w Managania									
	Wall Type GZ.13 900mm CILLI randered 16mm seng/coment acreed on one side, TOILET amount case plaster forlich	TOILET	25.55 m²	\$450.00	1136,00	P-15,607,80	P3,121.58	P696.47	9-18,548,52	
	12mm9 Heimersoment bare (360 – Temperatuse Bare at 900mm OC 200 (notade 16 Suage & It its wites		12.10 kg	P-48.00	F18.2G	P5,572,90	P1,714.58	*324.37	\$*7,021,86	
	Well Type 0242 100mm CMU rendered 18mm sand/cennert acreed on both skies, smooth cast plaster finish	TOILET AND BAMP	61.29 m ²	\$460.00	P136.00	P28,887,86	PE,8881,67	P1,787,49	9-77,746,89	
	12mm/6 Reinfordament baza 660 - Temperature Bars at 600mm DC BW Include 18 Gange GI Me Mres		THE NAME AND	F48.00	P15.20	910,884,89	#2,108,88	P641.6B	P13,475.55	
64 do 00	DIVERSOR GA . MARCHINY									err, stout
00 00 10	DIVISION OT . THERMAL & MOISTURE PROTECTION									Total Section Section
	Waterproofing									
	Application of 4mm Trk. Waterproofing Membrane		74.19 m²	6750.00	P282.60	P78,117.38	P15,022.48	P4,507,04	PB4,467,49	
07 00 00	DIMERTIN ST STATIOTAL		THE PERSON NAMED IN		ALTERNATION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED					P84.847.89
00 00 00	DIVISION S- PARIENCE									
	Tile, Non-Stain on Samm 71p Adhesie Drolods graut and expansion gup Mad. With polyarethans sesion?	Levet 1 - Restrooms (PWD Tallet)	TASM sqm	P1,506.00	₩450.00	P148,722,00	P28,824,40	P4,647.32	P184,485,72	
00 00 00	Printed is separated.									P-100,622.72
27 04.06	SANDERS OF SEPTEMBER SPRINGERS									
10 22 00	Partitions									

BAGABA TOURIST CENTER

PROJECT

TOPPORT	Stock the Tristical Population									
扩系袖	MOLLANDOS	LGGATION ON PLAN	QUANTITY SHIT	MATTERIAL LINET COST	LABOR UNIT TOTAL BRIEST CORT OUST	NOTAL DIRECT CUST	Dvarfand, Gwethges cy and Macellaneaus Expanses Octive PRESTT	VAT(0%)	TOTAL COST	TOTALS
	* All partition successories are STANIEDS STERL, WALL ROACKITS, SELF-CHESSEN PRICES, BIDICATOR LIDEKET, COAT MOCKE, KNOB - HAMBLE, TOP BLILL, CHESCHET TO SERVICET. SUCCESSORIES SHAKE CORE COMPACT BOOK BORY SUDATSOOM TO BE SELL TIME THE Prescripe Black CORE COMPACT BORY or		1							
	equivalent (Stafuless Steak Accessories inchided) 1800/addonn Toket allali (Tymm THK Presente Steak Core Compact Board or equivalent (Stafuless Steak Accessories Instance)	Livel 1 - Restrooms	d de c	F22,000,00	P6,600.00	#57,200.00	P34,350,00	#10,286,00 #2,432,00	**************************************	
	Unital Serven 0400 x 900 x 12mm Phenoite black-core compact board or equivalent Stainless Stael Applesories Included	Egual 1 - Restrooms	To the same of the	P4,000.50	P1220400	P18,600.00	P3,120.00	P838.00	PILEFEOG	
10.28.00	Tellot Accessories Th Stabless Bran Tolist These Dispenser	Lavel 1 - Rustrooms	## 2	00'004	7180,00	P5,200.0D	97,040,00	22.20	94.882.00	
	68-1 Cathage Sin, Stainless Steel Wasts Knorptacin, St. Capacity(JVD or equivalent)	Level 1 - Restroems	2	P780.00	P234.00	410,140,00	P2,028.00	0+*00#4	778.40	
	6D Stairiess Steel Liquid Soap Dispender (Masch 75-584) or equivatent)	Level 1 - Restrooms	*	9766.00	P240.40	#3,883,60	P788.73	P2390.42	P-5,02150.0	
	GAR-3 Se" Length Brainkan Brasi Grab Boffranch VS-501-500 or equivalent) GAR-3 42" Length Brakhass Stasi Grab Sarjitasch VS-500-500 or stasivatent)	Level 1 - Restrooms	<u>8</u> 8	#880.00 #1.000.00	#270.00 #300.00	P2,340,00	F466.00	9140,40 948,00	P2,948.40	
	Brun diass Mirce Baveled, with saphalt Pats on Tomm this Weatherproof Marine Plywood(200mm a 1000mm); Include Bestants and Jobiding compounds		1. 12. 1. 10.	P6,588.00	P1,970.40	917,078.80	P3,445,38	PT,026.69	Paration.	
	list arter Special Bookers. BST Wall, it curried Horizontal, Dispar Changing Stablen 33.25° Let'l A'Wod"H, Color Off Withte (Bubbarmaid or equivalent)	Level 1 - Restracma	5 <u>.</u>	P24,050.90	P4,200,00	D0'00+196-6	00,280,00°	47,384.00	P7,064,00	
45 GO 85	DAVISION IS SUSTOTAL.									P421,108,30
930000	DYVINION 22- OLIMINAD									
	POTABLE WATER SUPPLY PPPE 20mnis PPR Plos PH20 (Multer, Bolden, Atlanta or equivalent		48.00 lm	10,411	F26.00	P6,235,06	P1,058.16	#364.78	P1,458,70	
	Jammie FFK Pipe MIZO (Neiber, Belden, Atlanta or equivalent)		#1.00 tm	P887,00	974.26	P18,833.76	P2218,74	P1,707.52	P22,260.tt	
	32mms-32mms Coupling Reducing PM20 (Nelbat, Belden, Atlanta or equivalent)		1,46 pg	P-80,00	90'914	P78.00	F12,75	F4.38	40.000	
	2.0 mma-30 mme Elbow PASO (Naitex, Belden, Atlanta or oesthyland) 32 mma-32 mma Elbow PA2O (Naitsx, Bolden, Allinta or equipalent)		24.00 pc	#37.30 P78.36	#8.33 8.47	P1719.00	F180,23	P65.48	#1,374,6b	
	20 mms-20 mms-20 mms Tee PH2D [Malbey, Belden, Atlanta or equivalent)		20,000	P-40,78	61,0,79	966219	75214	P3B.74	9613.25	
	32 mm9-32 mms-20 mms Tee PARO [Neltex, Balden, Atlants or equivalent]		2.00 pc	P78.25	#19.56	P106.83	Parage	44.04	P240.22	
22 11 17	Greg-Webser Piljelog 96Gmm/G PVC Beritary Pipe Berites 1000 (Atlanta or aquiv.)		## FFF III	P385.00	P-85.50	P9,282,50	P1,674.83	98/7754	********	
	50 svane 80derg albow (Sunignard or equivalent) 160 mins 90derg elbow (Sanignard or equivalent)		10.00 pc	P35.68	F11.80	F502.45 F383.84	P16,42 P94,82	P-10-36	P-677.20 P-646.73	
	So neme Coordook ant (Samilpaerd or equivalent)		2d 90°6	\$4.24	90'44	Petrile	P42,78	P4,75	4+44.03	
	61 mm=50 mms Reducer - PVC - Boh 40 - DWV: Standard (Sanigland or equivalent)		7,00 pc	P57,622	917.38	P624,34	41 48 74	78,067	9444.18	
	80 mme-50 mme-50 mme Tee Sankary Sanka 1000 (Atlanta or equivalent)		7.00 pa	P53,01	P18.50	98,0084	01284	P.19.38	P-E14.BB	
	150 mmeri60 reme-60 mms Tee Banitasy Saries 1000 [Attanta or equivalent)		2,403 ps	P124,84	P37,48	P487.27	P82.64	P28.51	P898,63	
	150 mma-150 mm-t50 mma Tee Seathary Sudes 1000 (Atlenta or equivalent)		4-00 pd	₩208.88	P62.90	P1,080.93	#185.34	#43.78	P1,228,28	

PROJECTS	SAGADA TOURIST CENTER									
NEW		LOCATION ON PLAN	QUANTITY UNGT	NATIONAL WHIT COST	LABOR UNIT COST	LABOR UNIT TOTAL BREGT COST COST	Dverbeach Cortificionary and infereshies soon Expenses OCM+ PROFIT	VAT(BM)	TOTAL COST	TOTALS
	Honna -160mms P-Trap Series(000 printers or aquivalent		1,00 pc	984.30	925.29	P 106, Se	Cy W. L	2	#134.83	
22 23 00	Bihadi-wabar Pipes 50mmS PVC Sanluzy Pipe Sezias 1000 (Atlanta or equiv.) 30mmB PVC Santary Pipe Serias 1000 (Atlanta or equiv.)		Thurst I'm	9786-9	P30.00	P2,470.00 PE2,228.00	#419,90 #2,767.48	P144.50 P740.27	STANGEN STANGEN	
	SOwers. Sprows Band Long Sweep or 2 45 dag hands Barbes 1900 (Attanta or equivalent) to the series bend Long Sweep or 2 45 dag bonds Bentes 1999 (Adamta or any indivalent)		od oorsp.	P62.42	P16.73	F1,460.63 F827.88	7246.31 P157.74	P85.45	separta separta	
	50 mms-50 mms-80 mms Tes Bastlary Series 1000 (Atlanta or expéralant) 100 mms-100 mms-50 mms Tes Santesy Series 1000 (Atlanta or expéralant) 100 mms-100 mms-100 mms Tes Santesy Series 1000 (Atlanta or experalant)		9.00 pc 17.00 pc	P124.54 P147.00	#27.44 P44.80	P1,461,80 P4,833,48 P1,538.80	P248,5Y F787,89 P258,80	P#5.52 P271.08	P4,784.23 P4,675.23	
22 12 00	NO TRING CLEARCHE BE (SANIGLAND OF ACTIVITY) ÉDORME-GOMME P. Trap Barlandoo (Atlanta of aquiumben) Vant Pigne GOMM P. P. C. Barlany P. P. Barlan 1000 (Atlanta of aquiv.)		8.484.89 pr. 14.44.89 fm	######################################	F18.20	P88,30	PM.14 PMG7.37 PRQSD2.50	76.87 07.77 81.118.16	F102.21 P C271.68	
	Sprons-Sonorus Bend Swies 1900 (Atlants er equivalent) 50 mms-80 mms-50 mms Tee Bentaly Saides 1000 (Atlants or equivalent)		od 80°95	P35.0E	08,114	#783.68 P1,844.21	20.824-12 20.62-13	P0,00 P44,09 P0,00	\$\$28.28 \$7405.60	
42 15 15	Bankbary brokes Finor Orain, Separas, Staintons Streetfamerican Beandard A-BOOT-KIDIY or Equivalent] Finor Orain, 900mm Linear, Stakktes Staetfamertam Standard A-BOOT-HIDIY or Equivalent		34.00 pc	P228.00	P151.20	P3,873.80 P30,084.08	12.400% 12.400%	F214.81	P4,819.02 P39,321,44	
22 13 00	Septite Yeark 2500 Litorizanizi Beptis Tenk Dros Brend or Esphinitianit Reinwater Tenk	Supplic Tartik	700 bo	F72,828,03	P71,848.00 P71,848.00	#84,688.00 #84,868.00	978,084,12 978,084,12	\$5,637,88 PE ₆ 617,98		
22 40 00	Plannshag Faderers Class Caughal Blasspead Tallet, Duti Flush, 3/4.6.1PF Double Flush System (Amerikan Stanford Cornespr Cabb Y830 or equivalent) Blasspead agrang Statinions Stanford Cornespr Cabb are squared to the stanford or Equivalent) Blasspead agrang Statinions Stanford Trap, (7) Angle Vabre, (7) Faskle Hosse (4) Fauth Type Sop-les, (7) Stanford Trap, (7) Angle Vabre, (7) Faskle Hosse (4) Annother Stanford or equivalent) Charlet Stanford or equivalent) Charlet Stanford Cornespr Statinion & 40 Stanford Marky, Fush Subton Type Samel Social Stanford Charlet Stanford or equivalent Jamel Social Stanford Charlet Stanford Charlet Stanford Amerikan Stanford Stanford Charlet Stanford Charlet Stanford Amerikan Stanford Charlet Stanford Charlet Stanford Amerikan Stanford Charlet Stanford Loft Stanford Stanford Charlet L. & Wenn Spout H. x 88mm [Amerikan Stanford Loft Singia Hole TJ87 or equivalent)	Lauch - Restronns Lauch - Rastronns Lavel - Rastronns Lavel - Rastronns Lavel - Rastronns	m m m m 4 4 5 5 00 00 00 00 00	**650.00 **650.00 **650.00 **650.00 **650.00 **650.00	P22774.86 P90.00 P178.70 P1,214.85 P2281.14	P104,882,80 P4,828,00 P6,828,80 P54,881,00 P720,188,40	P73440 P73440 P1,488.35 P4,088.89 P1,488.89	P289,72 P269,72 P504,60 P3,811,12 P1,705,65	PURCHANA PUR	

Slap Slade Assessability

PROJECT.	EA GAID A TOURSOT CENTER									
Mail		LOCATION ON PLAN	THU TITLE	MATIBUAL BRITT COLFT	LABOR UNIT	LABOR UNIT TOTAL DIRECT	Overhand, Contingatory and Missolitaneous Expenses OCH+ PROFIT	VAT(6M)	TOTAL COST	TOTALS
	900mm1W x 500mm0 0 x 400mm H - 78mm this Reinfacced Consists Stopsishs, Statistics Stops 440mm0 (free, Accessories; Statistices Statistics Stati	Lovel 1 - Restrome	2.	FB,250.00	₽1,860.00	#28,70a.ac	P2,875,00	€1,833.50	P-54,306.80	
22 00 00	DIVINEN 22 TUTAL									PUTS, BALLAO
28 20 00	bavisies, se, itterraica. All Lynkag beboles timmnahas-color temparatura to ba ditesmiled upon opporert of produce:									
	Fooder Empe Agresses THNM Electrical Wire 3.6 mm² [Pheipe Sodge or equivalent] THNM Electrical Wire 14 mm² [Pheipe Rodge or equivalent] THNM Electrical (Brown Accessories (Brown Episamula, Electrical Installation Accessories (Brown Episamula, And etc.)		990-d0 tm 90-d0 tm 1-d0 ansy 1-60 lot	#25.00 #96.00 #25.00.00	P25.50	P3,550,00 P6,830,00 P32,500,00	60.2589 00.258,09 07.751,19 07.2589 07.2589 07.2589 07.2589 07.2589 07.2589 07.2589 07.2589	P190.13 P487.26 P1,201.26	P1,922.62 P0,144.00 P28,778.70	
28 99 85 50 80	Reneasering and Power System Lighting and Power System 1/2'S EMT pipe 1'S FMT pipe		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	P2H5.00 \$380.00 P285.00 P26.00 \$98.00 \$98.00	P84,50 P104,00 P75,00 P7,20 P35,60	\$2,788,60 \$48,80 \$480 \$95,00 \$45,00 \$4,00 \$6,00 \$4,00 \$6,00 \$4,00 \$6,00 \$4,00 \$6,00 \$4,00 \$6,00 \$4,00 \$4,00 \$4,00 \$4,00 \$6,00 \$6,00 \$6,00 \$6,00 \$6,00 \$6,00	9475.16 9238.39 90.00 90.40 90.00	#183.59 #8243 #9.00 #0.00 #9.00	97,134,88 97,734,88 90,09 90,09	
	Electrical Baskes Lighting and Perver 19yetests Julian Bask G.1. W. Cover Usilian Bask G.1. W. Cover Feeder-fines Bytests 15 vp 15 15 14 15 20 pull Bask 15 vp 15 15 14 18 20 pull Bask		20.00 pcs. 5.00 pcs. pcs. 1.00 may	P46.00 P55.00 P86.00 P86.00	P13.50 P10.50 P18.50	00.071.1°9 00.0°9 00.0°9 00.084,8°9	P188.50 P38.66 P3.060 P3.04.90	SP'60 d Freid Dood	#1,457,38 #275,48 P1,664,73	
24 09 00	Gentuliselening of Electrical Systems Tacing and Camminioning of electrical systems		NAO lot		930,896.00	P30,000.00	P5,100,00	PV755.00	DOMESTICAL	
25 24 16 14 24 16	Brain-Bhound and Parobhounds DP-Adhama PANEL BOACO with resorted and ground terminals, sauface meastrad, wewn 1 and. Main: 80A7/250AF.3P, 406V, 32 kato Panel		Your Out.	OU.786,A87	P6,436.70	05:508:204	PM_778.83	P5,428.02	#114,842.1E	
	1 – 15A77100 AFJP, 400V, 18 kate 1 – 20A77100 AFJP, 400V;16 kalg 1 – 8pace									
26 37 <u>26</u>	Withing Davidose 1 gang awitch with piate cover Schneider 2 gang awitch with plate cover Schneider		2,00 sets	P147.00 P338.00	+80.00 +60.00	P084.00	P90,068	80'25'0	P486.02	

	TOTALE		PASSAGE PASSAGE
	TOTAL COST	PREST. 27	1750 CEP 14
	WAT (Brit.)	PE17.73 P200.215 P1,147.77	
	Overhead, Cardinguage and Macellareau Expenses DCM+ PROFIT	#1,554,50 #887,00 0,1395,40	
	TOTAL DERECT COST	PB,460.00 PG,00.00 P19,00.00	
	CARON UNITY COST	00'084 00'084	
	AMTERIAL UNIT COST	#2,500.00 #2,500.00 #86,8770.00	
	финальной под	68.00 sets 3.60 sets 1.00 for	
	Logation on plan		
saraba Tolinist Centur	D NOCCUPTION:	lepturiar Lightdagg TB LED TUBELIGHT Copylight Energency Light, Wall Moundary, Lad Jamp, Battery Back-up Electrical Insulations Accessories (SNew, Batte, Men, Electrical Tapa, Connectors, And atts)	DWARDEN 28- ELECTRICAL.
PROJECT:	Mar	CD 14 DE	28 00 00

Proposed flys Andle Ariestally J. Bo Consultant



REPUBLIC OF THE PHILIPPINES MOUNTAIN PROVINCE

MUNICIPALITY OF SAGADA

Office of the Municipal Mayor

Hon. BERNADETTE ROMULO-PUYAT Secretary, Department of Tourism New D.O.T. Bldg., 351 Gen. Gil Puyat Avenue 1200 Makati City JAM 14 2021

BYTIME 1: 14 PM

DOC NO 14-2021-boff5

Thru: Atty. EDWIN R. ENRILE

Undersecretary for Legal and Special Concerns and Chief of Staff

COO POCHOLO D. PARAGAS

Tourism Infrastructure and Enterprise Zone Authority (TIEZA)

Dear Ma'am;

Respectfully transmitting herewith Sanguniang Bayan Resolution No. 220-2020, A RESOLUTION REQUESTING THE DEPARTMENT OF TOURISM THRU ITS GOOD SECRETARY HON. BERNADETTE ROMULO PUYAT TO ESPOUSE THE ALLOCATION OF FUNDS AMOUNTING TO ONE HUNDRED TWENTY FIVE MILLION (125,000,000.00) PESOS FOR THE CONSTRUCTION OF A TOURISM COVERED PATHWAYS WITH HANGING BRIDGES PASSING THROUGH THE SITIOS OF DAO-ANGAN, KINLEBED, IGI, ECO-VALLEY AND LATANG UNDERGROUND RIVER, AND SAGADA INTER-VILLAGE PATHWAYS LEADING TO DAP-AYS AND THE INDIGENOUS HERITAGE SITES AT SAGADA, MOUNTAIN PROVINCE.

The approval of the allocation of funds for the improvement and enhancement of pathways leading to popular tourist sites will provide ease and comfort to tourists who travel to enjoy eco-tourism activities in Sagada. This will favorably increase the volume of tourist arrival in the municipality thereby benefitting the majority of our constituents whose source of income is derived from tourism-related activities.

We hope that this request will merit your most favorable consideration.

Very respectfully yours,

Municipal Mayor

CC:

Jovita A. Ganongan, Regional Director,-CAR, DOT

GSMV Vestry

Sagada.mayor@yahoo.com | Sagada.mayor@gmail.com | Poblacion, Sagada, Mountain Province

Republic of Philippines Province of Mountain Municipality of Sagada

OFFICE OF THE SANGGUNIANG BAYAN

E-mail

b.sagada2169 Egmail com

RESOLUTION NO. 220 - 2020

INTRODUCED BY THE COMMITTEE ON INFRASTRUCTURE

A RESOLUTION

REQUESTING THE DEPARTMENT OF TOURISM THRU ITS GOOD SECRETARY HON. BERNADETTE ROMULO PUYAT TO ESPOUSE THE ALLOCATION OF FUNDS AMOUNTING TO ONE HUNDRED TWENTY-FIVE MILLION (125,000,000.00) PESOS FOR THE CONSTRUCTION OF A TOURISM COVERED PATHWAYS WITH HANGING BRIDGES PASSING THROUGH THE SITIOS OF DAO-ANGAN, KINLEBED, IGI, ECO-VALLEY AND LATANG UNDERGROUND RIVER, AND SAGADA INTER-VILLAGE PATHWAYS LEADING TO DAP-AYS AND THE INDIGENOUS HERITAGE SITES AT SAGADA. MOUNTAIN PROVINCE.

WHEREAS, the municipality of Sagada being among the top tourist destination in Northern Luzon is gifted with natural and man-made attractions emplaced in its steep geographical contours;

WHEREAS, Sagada, despite being in the tourist's checklist, still faces issues on the distance and rigidness of access to the different tourist spots;

WHEREAS, to address the issue, development of tralls as access facilities that connects the spots to highways is perceived necessary to further promote tourism in the municipality that will at the same time benefit the residents of the areas;

WHEREAS, the proposed project will help realize Municipal Ordinance No. 03 - 2019 mandating a modified park and walk scheme for tourist coming to Sagada, as it will help minimize traffic congestion along the central areas and barangays of the municipality;

NOW THEREFORE, be it,

RESOLVED AS IT IS HEREBY DONE by the Sangguniang Bayan in a regular session assembled to:

- To request the Department of Tourism through its good secretary Hon. Bernadette Romulo Puyat to espouse the allocation of funds for pathway projects:
 - a) Construction of a tourism covered pathways with hanging bridges passing through the sitios of Dao-angan, Kinlebed, Igi, Eco-valley and Latang Underground River amounting to 75,000,000 pesos;
 - Sagada inter-village pathways (with railings) leading to Dap-ays and the indigenous heritage sites in the amount of 50,000,000 pesos.
- Forward copy of this resolution to the Office of the Tourism Infrastructure and Enterprise Zone Authority through Chief Operating Officer and General Manager Pocholo Paragas for their favorable action and consideration.

RESOLVED FURTHER, that copy of this resolution shall be forwarded to other offices concerned for their information and reference.

220-2020 MUNICIPAL RESOLUTION

SANGGUNTANO BAYAN

SAGADA







This 19th Apy, of October 2020 at Sagada, Mountain Province. PAUL S. BENJAMIN G. CAPUYAN UMBAYA Member 58 Member Sa Manyber DAVID B. BUYAGAN VIETA DELEO JR. SB Member Wodings-EZRA C. WADINGAN KAPDIOB. GOMGOM-O JOHN BAGSINGIT Sig Member **5B Member** SB Member - ABC President JAME G. DUGAO JEREVÁL M. LAWAGEY SB Member - IPMR SB. Member-SK Federation

I hereby certify that the above resolution was adopted by the Sanggunlang Bayan on session assembled dated October 19, 2020.

Secretary to the Sangguniang Bayan

FELICITO O. DULA Municipal Vice Mayor, Sagada

Attested

Approved:

JAMES B. POOTEN IR.

Municipal Maydr, Sagada

Republic of the Philippines MOUNTAIN PROVINCE **SAGADA**

OFFICE OF THE MUNICIPAL ENGINEER

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PROGRAM OF WORK

Name and Location Of Project	Source of Fund	Project Description
CONSTRUCTION OF COVERED PATHWAYS WITH HANGING BRIDGES PATAY, Sagada, Mountain Province	FOR FUNDING	SIDEWALK, SUSPENSION FOOTBRIDGE

1. EQUIPMENT TO BE USED

Equipment on Hand:

Various Handtools Desirable starting date:

Upon Approval

Equipment to be Acquired: 1 Unit 1 bagger mixer

WELDING MACHINE SPEED CUTTER

JACK HAMMER

2. ESTIMATE OF COST PROPOSED WORK

ITEM	SCOPE OF WORK TO BE	%	UNIT	QTY.	UNIT	TOTAL	
NO.	DONE/DESCRIPTION	TOTAL			COST	COST	
ITEM 001:	PROVISSION FOR SAFETY AND HEALTH PROGRAM	1.55%	fal	1	łumpsum	1,163,030.4	
SPLITEM 1:	EXCAVATION, CLEARING AND SITE PREPARATION	2.02%	lat	1.00	iumpsum	1,514,898.0	
ITEM 404:	REINFORCING STEEL BARS	2.40%	kgs	5990.52	300.29	1,798,902,0	
TEM 405:	CONCRETE WORKS	13.05%	cu.m.	609.3	16,065.5	9,788,940.4	
TEM 506:	MASONRY WORKS(100mm thk CH6)	0.19%	sq.m.	96.68	1,446.31	139,800.1	
TEM 1027:	CEMENT PLASTER FINISH	0.19%	sq.m.	215.58	1,031.97	140,382,8	
TEM 1021:	CEMENT FLOOR TOPPINGS	0.06%	sq.m.	60.00	719.63	43,177.7	
TEM 1018:	FLOOR TILES	0.08%	sq.m.	60.00	943.11	56,586,6	
TEM 1009:	DOORS AND WINDOWS	0.25%	Lot	1.00	lumpsum	185,472.0	
TEM 1002(3)a:	SANITARY FIXTURES	0.44%	Lot	1.00	lumpsum	327,151.4	
TEM 1002(1)a:	WATERLINE PIPES(GI pipe)	0.58%	Lot	1.00	lumpsum	433,137.6	
TEM 1002(2)a:	SEWERLINE PIPES(PVC)	0.12%	Lot	1.00	lumpsum	87,166.8	
TEM 403(1)b:	ROOF FRAMING	14.22%	Lot	1.00	lumpsum	10,665,081.0	
TEM 1013:	ROOFING	16.87%	lot	1.00	lumpsum	12,655,503.0	
TEM SPL2:	RAILLINGS	4,13%	mtrs	3000.00	1,031.97	3,095,920.4	
TEM SPL3:	SUSPENSION FOOTBRIDGE	43.87%	mtrs	220.00	149,567.50	32,904,849.0	
TOTAL 100.0% P 75.							

1	1001070		, = , = 0 = 1 = 0 = 0
3. BREAKDOWN OF ESTIMATED	% OF TOTAL	AMOUNT	
EXPENDITURES			
1. DIRECT COST			
A. Materials			
Supply/Delivery/Hauling	60,29%	P	45,220,817.5
B. Labor			
1. Direct Labor	18,70%	Р	14,027,180.0
C. Equipment			
Equipment Rental	0.50%	P	378,372.0
2. INDIRECT COST			
1, O.C.M., C.P. & V.A.T.	20.50%	P	15,373,630.5
3. PROJECT MANAGEMENT/			
SUPERVISION			
Admin Cost	0.00%	P	(0.0)
TOTAL PROJECT COST/TPC	100.00%	P	75,000,000.0

PREPARED by:

CHECKED by:

CIANO B. BALDO

Municipal Engir ear

JAMES B. POO

APPROVED by:

Municipal Mayor

DETAILED COST ESTIMATE CONSTRUCTION OF COVERED PATHWAYS WITH HANGING BRIDGES PATAY, Sagada, Mountain Province

DERIVATION OF MATERIAL COST

1	Cement			
	Source: BONTOC			
	Price from source and freight		P	
	average manual hauling		P	
	Total cost per bag @ project site		Р	350.00 /bag
2	Gravel and Boulders			
	Source : BONTOC			
	Stockpiling Price:		P	1000 /cu.m.
	Hauling and Stockpiling			
	Hauling distance: 21 kms(one way)		42.00	kma(rnd trip)
	Average speed w/o load		15.00	kph
	Average speed w/ load		10.00	kph
	Average travel time w/o load		96.00	mins.
	Average travel time w/ load		126.00	mins,
	Load and unloading time		10.00	mins.
	Slack and manuevering time		6.00	mins.
	TOTAL TIME TRAVELED		238,00	mins.
	Number of trips per day		2.00	trips
	Utilizing 1- unit dumptruck: capacity		4.00	cu.m.
	Total volume delivered per day		8.00	cu.m.
	Equipment rental per day	P	9,016.00	/day
	Unit hauling cost per cu.m.	P	1,127.00	/cu.m.
	Manual hauting cost from nearest accessible road to			
	project site @ P 50 /can	P	3,000.00	/cu.m.
		₽	4,127.00	/cu,m.
		₽	1,000.00	/cu.m.
	TOTAL COST @ PROJECT SITE	P_	5,127.00	/cu.m.
	say	P	6,127.00	/cu.m.



DETAILED COST ESTIMATE CONSTRUCTION OF COVERED PATHWAYS WITH HANGING BRIDGES PATAY, Segada, Mountain Province

TEM 001:	PATAY, Sagada, N PROVISSION FOR SAFETY AND HEALTH PROGRAM	Nountain Province	
	Quantity = 1 lot		
	A. Materials: 1 -iot first aid medicine	@ P lumpsian	5,000,00
	1 -unit tarpaulin	@P 600 Aunt	600.00
	1 -lot safety equipments	@P lumpsum————	20,000.00
	B. Labor:	sub-total	25,600,00
	1 first sider	@P lumpstim	1,000,000.00
		sub-total	1,000,000.00
		Total Direct Cost	1,025,600.00 82,048.00
		sub total	1,107,648.00
		5% VAT, BIR, TAX	55,382.40
		Total Indirect Cost————————————————————————————————————	137,430.40
		Unit Cost	1,163,030.40 jumpsum
SPL ITEM 1:	EXCAVATION, CLEARING AND SITE PREPARATION Quantity = 1 lot A. Materials: B. Labor:		
	1 -Const'n foreman	@P 561 /day for 300 days—	174,300,00
	10 -Laborers	@P 326 Aday for 300 days— subtotal————	978,000.00
	C, Equipment	Children	1, (02,000.00
	2 -unit jack hammer	@ P 1000 /day for 300 days-	50,000.00
		sub-total——— Total Direct Cost————	50,000 1,202,300,00
		ADD: 8% CP	96,184.00
		12% OCM _	144,276.00
		Sub-total	1,442,760.00
		5% VAT Total Indirect Cost	72,138.00 312,598.00
		ITEM COST	1,514,898.00
		Unit Cost	lumpsum
ITEM 404:	REINFORCING STEEL BARS Quantity > 5990.52 kgs A. Materials: 200 -pcs -20mmΦ x 7.5m RSB 48 -pcs -16mmΦ x 7.5m RSB 120 -pcs -16mmΦ x 6m RSB	@P 750 /pc	150,000.00 21,600.00 48,000.00
	620 -pcs -10mm4 x 6m RSB	@P 170 /pc	105,400.00
	2 -pcs -speed cutter blade	@ P 500 /pc	1,000.00
	50 -kgs - # 16 G.I. the wire	Ø P 95 /kg.	4,750.00 330,750.00
	B. Lebor: geng output: 40	kgs/dey	000,000.00
	1 -Const'n Foremen @ P	581 /day for 150 days	87,150.00
	2 -sluffed faborer @P 15 -Laborer @P	421 Aday for 150 days	128,300.00 733,500.00
	to more	subtotal	946,950.00
	C. Equipment		
	1 -unit speed cutter(includes electric power)	1000 /day for 150 days— subtotal—	150,000.00 150,000.00
		Total Direct Cost	1,427,700.00
		ADD: 8% CP	114,216.90
		12% OCM Sub-total	171,324.00
		5% VAT BIR TAX	1,713,240.00 85,662.00
		Total Indirect Cost	371,202.00
		ITEM COST	1,798,902.00 300,29
FTEM 405;	CONCRETE WORKS	Olik Cost	300.29
	Quantity = 609 cu.m.		
	A. Materials:	0.70 070 0	
	5546 -bags Portland cement 306 -cu.m. Fine Aggregates	@ P 350 /beg @ P 5,127 /cu. m	1,941,018.28 1,567,106.00
	609.32 -ca.m. Coarse Aggregates	@ P 5,127 /cu.m.	3,123,958.01
		aub-total	6,632,082,28
	B. Labor: gang output=	5 cu.m/day	wie en
	1 -Const'n foremen 2 -Skilfed Carpenters	@ P 581 /day for 122 days— @ P 421 /day for 122 days—	70,882.00 102,724.00
	20 -Laborers	@P 326 /day for 122 days-	795,440.00
		subtotal-	969,046.00



	C, Material	465	407.070
	1 -unit 1 bagger mixer	@P 1376 /day for 122 day	167,872
		sub-total	187,872
		Total Direct Cost	7,769,000.28
		ADD: 8% CP 12% OCM	821,520.02 932,289.03
		Sub-total	9,322,800.34
		5% VAT,BIR TAX—	466,140.02
		Total indirect Cost	2,019,940.07
		TEM COST	9,788,940.36
		Unit Cost	16,065.48
CTESS EDE-	MARCHINE MARCHARDON HELD CUST	Olul Cost -	10,000,70
TEM 508:	MASONRY WORKS(100mm thk CHB) Quantity = 98.7 sq.m.		
	A. Materials;		
	1,209 -pcs CHB-4"x8"x16"	@ P 20 / pc ———	24,180.00
	78 -bag Portland Cement	@ P 350 / bag	27,300.00
	5.2 -cu.m. River Sand	@ P 5,127 /cu.———	26,752.48
	3.0 -pcs hack saw blade	@ P 100 /pc	300.00
	88 -pcs 10 mmØ x6 m R68	@ P 140 /pc	12,320.00
	15 -kg #16 Tie wire	@ P 95 /kg.———	1,425.00
		sub-total-	92,277.48
	B. Labor: gang output=	12 sq.m/day	
	1 -Construction Foreman	@ P 581 /day for 9 day-	5,229,00
	2 -Skilled Laborer	@ P 421 Aday for 9 day	7,578.00
	2 -Laborers	@ P 326 Atlay for 9 day	5,868.00
		sub-total	18,675.00
		Total Direct Cost-	110,952.48
		ADD: 8% CP	8,876.20
		12% OCM	13,314.30
		Sub-total	133,142.96
		5% VAT,BIR TAX	6,657.15
		Total Indirect Cost	28,847.65
		ITEM COST	139,800.13
		Unit Cost	1,446.31
ITEM 1027:	CEMENT PLASTER FINISH	(25mm thk)	
.,	Quantity = 216 sq.m.	•	
	A. Meterials:		
	102 -bag Portland Cement	@ P 350 / pc	35,700.00
	6.8 -cu.m. River Sand	@ P 5,127 /cu.m	34,809.77
		sub-total	70,509.77
	B. Labor: gang output=	15 sq.m/day	
	1 -Construction Foreman	@ P 581 /day for 15 day	8,715.00
	2 -Skilled Laborer	@ P 421 /day for 15 day-	12,630.00
	4 -Laborers	@ P 325 /day for 15 day	19,560.00
		sub-tot:	40,905.00
		Total Direct Cost	111,414.77
		ADD: 8% CP	8,913.18
		12% OCM	13,369.77
		Sub-total	133,697.7
		5% VAT,BIR TAX	6,684.89
		Total Indirect Cost	28,967,84
		ITEM COST	140,382.6
		Unit Cost	651.19
ITEM 1021:	CEMENT FLOOR TOPPINGS	(S0mm thk)	
	Quantity = 60 sq.m.	3 cu.m	
	A. Materials:		
	28 -bag Portland Cement	@ P 350 / pc ————	9,800.00
	4.00 -cu.m. River Sand	@P 5,127 /pc	20,508.00
		sub-total	30,308.00
	B. Labor: gang output=	50 sq.m/day	
	1 -Construction Foreman	@ P 581 /day for 2 day	1,162.00
	1 -Skilled Laborer	@ P 421 /day for 2 day	842.00
	3 -Laborers	@ P 326 /day for 2 day	1,958.00
		eub-total	3,950,00
		Total Direct Cost	34,288,00
		ADD: 8% CP	2,741.44
		12% OCM	4,112.16
		Sub-total	41,121.8
		5% VAT,BIR TAX	2,056,08
		Total Indirect Cost	8,909.68
		ITEM COST	43,177.7
		Unit Cost ————	719.63
ITEM 1018:	FLOOR TILES		
	Quantity = 80 sq.m.		
	Quantity = 80 sq.m. A. Materials:		
		@ P 80 / pc ————	30,080,00
	A. Materials:	-	-
	A. Materials: 376 -pcs. 1'by1'ceramic floor files		30,080,00 2,500,00 4,030,00
	A. Materials: 376 -pcs. 1'by1'ceramic floor tiles 10 -bag tile adhesive(25kg/bag)	@ P 250 / pc	2,500.00

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	2			1		
,	B. Labor: gang output=	15.	6 sq.m/da	sub-lotal		36,610.00
	Construction Foreman Skilled Laborer	@ ! @ !	P 581	t /day for 1 /day for	4 day	3,368.00
	2 -Laborers	@:	9 320	8 /day for	4 day-	2,608.00 8,300.00
				Total	Direct Cost	44,910.00
			ADD:	8% 12%	CP OCM	3,592,80 5,389,20
				Sub-total		53,892.0
					VAT,BIR TAX	2,694,60
			ITTEM C		ndirect Cost	11,678,80
			Unit Co.			56,586.6 943.11
ITEM 1009:	DOORS AND WINDOWS Quantity = 1 i_ct A. Materials:					
		ite coated window(with complete		@ P	6000 /sq.ft-	108,000,00
	accessories) 4 -pcs9m by 2m STEEL door with	door jamb and complete acces	snries	@P	9000 /pc	36,000,00
	4 -pcs. heavy duty door knob(lever t	ype)	30103	@ P	800 /pc	3,200.00
	D t share Conjuded in the meterials for sight in	adaNakan)			subtotal	147,200.00
	B. Labor: (included in the materials for sight in	sianation)		Total	Direct Cost	147,200,00
			ADD:	8%	CP	11,776.00
				12%	OCM	17,664.00
				Sub-total	VAT,BIR TAX	176,640.0 8,832.00
					drect Cost	38,272.00
						185,472.0
ITEM 1002(3)a:	SANITARY FIXTURES		Onic Cos	st		lumpsum
,,	Quantity = 1 Lot A. Materials:					
	18 -pcs. atlandard water closet with fit accessories)			@ P	12000 /pc	216,000.00
	6 -pcs. stendard urinal with flush tan	k(with complete accessories)		@ P	4000 /pc	24,000.00
	4 -pcs. standard lavatory(w/ complet	e accessories)		@ P	4000 /pc	18,000.00
	1 -lot miscellaneous materials			@ P	2000 /po	2,000.00
	B. Labor:			5	subtotal	258,000.00
	1 -Construction Foremen	@ P	581	/day for	1 day	581,00
	1 -skilled	@ ₽	421	day for	1 day	421.00
	2 -Laborers	@ P	321	/day for	1 day	642.00 1,644.00
				Total Dire		259,644.00
			ADD:	8%	CP	20,771.52
				12% Sub-total-	OCM	31,157.28 311,572,80
					/AT,BIR TAX	15,578.64
				Total Indir	rect Cost	87,507,44
					8T	327,151,44
ITEM 1002(1)a;	WATERLINE PIPES(GI pipe)			OTHE COSE		шпрвин
	Quantity = 1 Lot					
	A. Materials: 12 -pcsStainless 1/2 FAUCET			@ P	300 /pc	3,600.00
	8 -pcs1/2" Gi tee			Ø P	50 /pc	400.00
	10 -pcs, -tapelone			@ P	50 /pc	500.00
	500 -pcs1/2" Gl coupling 3 -pcs. reducer(1" to 1/2")			@ P	50 /pc 80 /pc	25,000.00
	4 -pcs. 1/2" nipple			@ P	50 /pc	240,00 200.00
	4 -pcs. 1" Gl pipe(s40)			@ P	1000 /pc-	4,000.00
	500 -pcs. 1/2" GI PIPES(s40)			@ P	500 /pc	250,000.00
	B. Labor:			2.	ubtotel	283,940,00
	1 -Construction Foreman	@ P		/day for	30 day	17,430.00
	1 -skilled 2 -Laborers	@P		/day for	30 day	12,630.00
	E-mainta	@ P	3 ∠ 1	/day for	30 dayubtotal	19,260.00 49,320.00
	C. Equipment			34		70,020.1/0
	1 -set Gi threader	@ P	350 .	day for	30 day	10,500.00
				st Total Direc	t Cost	10,500.00 343,760.00
			ADD:	5%	CP	27,500.80
					OCM	41,251.20
				Sub-total—		412,512.00

ITEM SPL3:	SUSPENSION F	೧೧೯೬೯೧೭			A00:	8% 12% Sub-total- 5% \ Total india iTEM COS	Ct Cost————————————————————————————————————	2,457,080.00 196,566,40 294,849.60 2,948,456.0 147,424.80 638,640.80 3,095,920.8 1,032.0
Item orto.	Quantity =	220	mtrs					
	A. Materiels:	220	1110-5					
	555 -BGE	2" BY 4" stainless red	tangular tuha (304)			@ P	9,500 /pc	5,272,500.00
	1601 -pcs	2"BY 8" by 4' good lu				@ P	300 /pc	480,300.00
	3229 -pcs	1" diameter bolt with				@P	40 /pc,	129,180.00
	water pro		s and miscellaneous			φ.	, ,	1201700.00
	1.00 -lot		lware		@ P	Jump	sum	14,000,000.00
				/ -			sub-total	19,881,960.00
	B. Labor:							
	1 -Cons	t'n foreman		@ P	581	/day for	500 days	290,500.00
	5 -Skille	d laborer		@P		/day for	500 days	1,052,500.00
	30 -Labo:	rers		@ P	326	/day for	500 days	4,890,000.00
						8	ubtotal	6,233,000.00
						Total Dire	ct Cost	26,114,960.00
					ADD:	3%	CP	2,089,198.80
						12%	OCM	3,133,795.20
						Sub-total-		31,337,952.0
						5% \	/AT,BIR TAX	1,566,897.80
						Total India	ect Cost	6,789,889.50
						ITEM COS	ST	32,904,849.6
						Unit Cost		149,567.5
SUM OF ALL ITE	MS			75,000,000.0				
Add: Admin cost-				(0.0)				
TOTAL PROJEC	T COST			75,000,000.0				
BREAKDOWN:								
			45,220,817.5					
			14,027,180.0					
Equipment Renta	ils		378,372.0					
			59,626,369.5					
Indirect Cost			15,373,630.5					
		TOTAL	75,000,006.0					

PREPARED by:

JAMES B. POO EN, JR. Municipal Mayor

APPROVED by:

CHECKED by:

CIANO B-BALDO Municipal Engineer

