



Republic of the Philippines
Department of Education
Region IX, Zamboanga Peninsula
SCHOOLS DIVISION OF ZAMBOANGA DEL NORTE
Capitol Drive, Estaka, Dipolog City, 7100



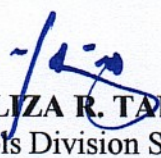
Tel No.: (065) 212-5843

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Division Memorandum

No. 04, s. 2020

To: Public School District Supervisors
Elementary and Secondary School Heads
District Physical Facilities Coordinator
All Others Concerned

From:  **MA. LIZA R. TABILON EdD, CESO VI**
Schools Division Superintendent

Subject: Submission of School Building Structural Analysis and Needed Repairs

Date: January 28, 2020

1. In order to have accurate and comprehensive data of school buildings for use in planning, budgeting, resource allocation and decision making, this Division announces the conduct of National School Building Inventory (NSBI) following the guidelines stipulated in DepEd Order No. 1 series of 2017 "Guidelines on the National Inventory of DepEd Public School Buildings for School Year 2016-2017.
2. School heads and physical facilities coordinator shall accomplish the attached localized monitoring tools and submit to their respective District physical facilities coordinator for consolidation.
3. District consolidated monitoring report shall be submitted to the Division Education Facility section not later than February 28, 2020.
4. For queries, all concerned may contact the Division EF Head, Engr. Dave Patigayon or the assigned deputized cluster engineers.
5. For guidance and compliance

Attachment: as stated.

jl/p/DAP/Subm. School Building Structural Analysis & Repair/SGODEFS/DM002-2020



"Be and Do Much Better Each Day with a Sense of Urgency"





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Education Facilities Tools

MAJOR/ MINOR REPAIR PARAMETERS				
BUILDING COMPONENT	CONDITION	% OF DAMAGE	REPAIR CLASSIFICATION	REMARKS
Roofing and Accessories	Detached, dismantled, severe corrosion, severe dents and deformation	80-100%	Total Replacement	
		10-79%	Major Repair	
		1-9%	Minor Repair	
Purlins	Collapsed, evidence of termite incursion, severe deflection, severe corrosion, evidence of decay	90-100%	Total Replacement	
		10-89%	Major Repair	
		1-9%	Minor Repair	
Trusses	Collapsed, evidence of termite incursion, severe deflection/deformation, signs of separation between members, severe corrosion	90-100%	Total Replacement	
		10-89%	Major Repair	
		1- 9%	Minor Repair	
Exterior Ceiling	Collapsed, evidence of termite incursion, severe sagging, decay, dismantled boards	80-100%	Total Replacement	
		10- 79%	Major Repair	
		1- 9%	Minor Repair	
Interior Ceiling	Collapsed, evidence of termite incursion, severe sagging, decay, dismantled boards	80-100%	Total Replacement	
		10-79%	Major Repair	
		1-9%	Minor Repair	
Exterior Wall	Collapsed, severe cracks (2mm or larger), displacement	90-100%	Total Replacement	
		1-89%	Major Repair	
Partition	Collapsed, evidence of termite incursion, sagging, decay	90-100%	Total Replacement	
		10-89%	Major Repair	
		1-9%	Minor Repair	
Doors	Severely damaged door and jamb	90-100%	Total Replacement	
		10-89%	Major Repair	
		1-9%	Minor Repair	
Windows	Severely damaged jalousie and jamb	90-100%	Total Replacement	
		10-89%	Major Repair	
		1-9%	Minor Repair	
Flooring	With large cracks	90-100%	Total Replacement	
		10-89%	Major Repair	
		1-9%	Minor Repair	
Beams	Large cracks, evidence of deflection, exposed rebars, shear failure	90-100%	Total Replacement	
		1-89%	Major Repair	
Columns	Large cracks, evidence of buckling, exposed rebars, severe spalling	51-100%	Total Replacement	
		1-50%	Major Repair	

Assessed by:

Checked and Validated by:

School Head

Deped Project Engineer

Certified:

DAVE A. PATIGAYON, CE

Engineer III



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STRUCTURAL ANALYSIS OF SCHOOL BUILDING AND OTHER STRUCTURE

NAME OF SCHOOL: _____

SCHOOL ID: _____

DISTRICT: _____

DATE OF INSPECTION: _____

TYPE OF BUILDING/STRUCTURE: ☐ Gabaldon

☐ Army

☐ Magsaysay

☐ Marcos

☐ Bagong Lipunan I-III ☐ RP-US Bayanihan

☐ ESF bldg

☐ Imelda

☐ Pagcor

☐ GOJ-TRSP

☐ GOF-EFIP Bldg

☐ SED-Carino

☐ LAPUS

☐ TEEP SB

☐ DECS 1 room

☐ FVR 2000

☐ SB RAMOS

☐ FFCCCH

☐ SEDIP Bldg

☐ Little Red School House

☐ DepEd School Building (standard/Modified)

☐ DepEd School Building (All Wood)

☐ DEPED Multi-storey Bldg

☐ Multipurpose Workshop Bldg

☐ Spanish Grant School Building Package

OTHER STRUCTURE:

☐ Stage

☐ Lunch Shed

☐ Covered Court

☐ Comfort Room

☐ HE Building

☐ Other: _____

NO. OF YEARS: _____

SOURCE OF FUND: _____

STRUCTURAL OBSERVATIONS:

Roofing: () New/Stable () Needs Minor repair () Needs Major repair () Hazardous

Ceiling/Ceiling joist: () New/Stable () Needs Minor repair () Needs Major repair () Hazardous

Beam: () New/Stable () With minor cracks () Needs Major repair () Hazardous

Column: () New/Stable () With minor cracks () Needs Major repair () Hazardous

Wall: () New/Stable () With minor cracks () Needs Major repair () Hazardous

Flooring: () New/Stable () With minor cracks () Needs Major repair () Hazardous

REMARKS:

1. _____
2. _____

Assessed by:

Checked and Validated by:

School Head

Certified:

Deped Project Engineer

DAVE A. PATIGAYON, CE

Engineer III