INFRASTRUCTURE AUDIT CHECKLIST FOR BUILDINGS (Zone 4: Seismic Zone Map of the Philippines)

IDENTIFICATION Region / Province	IV-A/ CAVITE	City/Municipality	Managandon
Barangay	Carita B	Street Boundary	1 /
INSPECTION			
Inspector/s: CAD	AROS, ELLA	Position: RESEARCHER STU	DENT Office:
Inspection Date / Ti	me: <u>05-27-2015</u>	Weather Condition:	Sunny Part Sunny Clou
BUILDING INFOR			
Building Name :	Science Laborato	Dry Blog. 9 (OSI	S-RSHS)
Address :	carita B. Maraga	roon, covite	
Contact Person : 1 Address :	Erick D. Angue	Building Owner	Administrator Tenant
Contact/No. : C	968 - 492 - 5389		
No. of Storey : 4	Above g	round Below	Ground
Coordinates (if avai	lable) Latitude		
A. Type of Building:			
Concrete Frame	☐ Timb	per Frame	Reinforced Masonry
Steel Frame		posite Steel-Concrete	Unreinforced Masonry
Reinforced Concre		er types, pls. specify	Circumorced Masonry
B. Type of Structure			
Build-up Section	☑ Pre-C	Cast	☐ Combination
☐ Rolled Section	Cast-		Other types, pls. state
C. Design Occupancy			
Public Assembly	offic		Do
Health Center	☐ Indu		School
Commercial		orical (museum?)	Emergency/Evacuation Center
		incar (museum:)	Or pls. specify
Current Occupancy,			
Year Edition of NSCF	2010	Date Constructed / .	
Original Constructio		Storey:	Add'l span/overhang:
Rehabilitated (Y/N)	Pls. d	escribe:	
Available Records/D	ocuments: Geot	echnical investigation	Construction Plan
		ilt Plan	Structural Design Computation
	☐ Other	r, pls. specify	computation
Comments:			
oo.mileito.			

RAPID VISUAL SCREENING OF BUILDING FOR POTENTIAL SEISMIC HAZARDS (from FEMA-154 2015 Data Collection Form)

TYPE OF CONSTRUCTION	Wood Frame (W1A)	Steel Frame (S1)	Concrete Frame (C1)
Basic Score	1.90	1.50	1.00 /
Severe Vertical Irregularity	-0.90	-03.0-	-0.70
Moderate Vertical Irregularity	-0.50	-0.40	-0.40
Plan Irregularity	-0.70	-0.50	-0.40
Pre-Code (1972)	-0.30	-0.30	-0.10
Post Benchmark (wood=1986, conc. =1992, steel=2001)	1.90	1.00	1.40
_ Soli Type A or 8 (hard rock or rock)	0.50	0.3	0.20
_ Soli Type E (soft soll, 1-3 stories)	-0.2	-0.3	-0.1 .
_ Soil Type E (soft soil, >3 stories)	-0.4	-0.3	-0.1
FINAL SCORE, S	(0.7 min)	(0.5 min)	S (0.3 min)

This serious value shifty assessment in aimed multiply at determining earthquade revience, as designed by HEMA 2015 and not the present condition of the structure. The series shawn are determined part from the Verying's conseign at zone of the Serious Zone Major did to Major goal, subsent the minimum stores to be described by an ideal of Major goal, subsent the minimum stores to be described by as ideal, of More goe afferent one prosted for business; inclined a zone Zone (prostagin) in shuffical and and of radiance).

A. Previous	Hazard Experience		
☐ Volcanic		☐ Tsunami	Ground-shaking Earthquake
☐ Landslide	٦.	☐ Liquefaction	☑ Typhoon
☐ Flooding		☐ Fire	Others, pls. specify
B. Soil Foun	dation		
☐ Sandy		Loam	Rock
Silt		☐ Peat	Shale
☐ Clay		Limestone	Adobe
Other typ	pes, pls. specify		
C. Vulnerat	oility to Earthquake		
C1. Appr	oximate Distance form	a known Active Fault	
□ 5	meters or less	between 5m to 1km	52.4 Lmapprox. distance if more than 1 km
C2. Grou	nd Condition (select a	II that applies)	
	xistence of fissures	Remarks:	
_	xistence of fissures	Remarks:	
□ B			
□ 8 □ S	suldged ground	Remarks:	
□ 8 □ s □ s	uldged ground oil Creep	Remarks: Remarks: ation support) Remarks:	
B B S	buldged ground soil Creep scouring (loss of Found	Remarks: Remarks: ation support) Remarks:	(in meters)
B S S D. Vulnerate D1. A	ouldged ground oil Creep couring (loss of Found bility of Landslide/Soil approximate Distance	Remarks: Remarks: ation support) Remarks:	
D. Vulnerat	ouldged ground oil Creep couring (loss of Found bility of Landslide/Soil approximate Distance	Remarks: Remarks: ation support) Remarks: Erosion	(in meters) (in meters) ✓ N
D. Vulnerat D1. A D2. A D3. V	suldged ground soil Creep couring (loss of Found bility of Landslide/Soil upproximate Distance is upproximate Distance is upproximate Distance is	Remarks: Remarks: ation support) Remarks: Erosion	(in meters)
D. Vulneration D1. A D2. A D3. V D4. P	suldged ground soil Creep couring (loss of Found bility of Landslide/Soil upproximate Distance is upproximate Distance is upproximate Distance is	Remarks: Remarks: ation support) Remarks: Erosion from Hillside from Slopes, Cliffs, Ravines	(in meters)
D. Vulnerat D1. A D2. A D3. V D4. P D5. P	uidged ground ioil Creep couring (loss of Found bility of Landslide/Soil upproximate Distance upproximate Distance Vithin Low-lying Area tresence of Landslide of	Remarks: Remarks: ation support) Remarks: Erosion from Hilliside from Slopes, Cliffs, Ravines lisplacement or debris encroaching	(in meters)

.nfrastructure Audit Checklist for Buildings

E1. Approximate Distance form Nearest Be E2. Within Reclamation Area E3. Within Low-lying Area	ody of Water		Y [1_ (in meters) N N
F. Vulnerability to Tsunami F1. Approximate Distance from Coast/Sho F2. Presence of Water Barriers	ore line	5	22 km	(in meters)
G. Vulnerability to Flooding G1. Within Floodplains G2. Within Flood-prone Area				☑ N ☑ N
H. Vulnerability to Other Hazards H1. Typhoon-prone Area H2. Storm-surge Prone Area H3. Within 20kms Radius of Active Volca H4. Distance from Garbage Dum ping Arr H5. Approximate Distance from Fire Haza H6. Approximate Distance from Toxic Ch	ea ard	_	Y Y Y N/A N/A	(in meters)
/. DETAILED EVALUATION Mark: 10 1 2 3 Legend: 0 - None 1 - Mi		2 - Mo		3 - Severe
				Remarks/Other Observations
	CONCRETE	STEEL	WOOD	Remarks/Other Observations
A. STRUCTURAL	CONCRETE	SIEEL	WOOD	Remarks/Other Observations
A. STRUCTURAL A1. Exterior Part of Building	CONCRETE	SIEEL	WOOD	nemarks/Other Observations
	CONCRETE	Sittl	WOOD	nemarky other observations
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures	9	SIEEL	WOOD	Remarks Julier Observations
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b Buildged Ground	0	SIEEL	WOOD	nemalisy unier observations
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Budged Ground c. Soil Creep	9	SIEEL	WOOD	nemalisy duter duser records
A1. Exterior Part of Building 1. Building Site a. Buistance of Fissures b. Buildged Ground c. Soil Creep d. Others, pls. specify	0	SIEEL	WOOD	remarky durit Observations
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b Building Ground c. Soil Creep d Others, pls. specify 2. Foundation	0,000	Sitt	WOOD	Retther by Outer Outset vervors
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Sail Creep d. Others, pls. specify 2. Foundation a. Settlement (meter)	0	Sitt	WOOD	remarky/unit Ouservarous
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, pls. specify 2. Foundation a. Settlement (meter) b. Titting (degree)	0,000	SIEEL	WOOD	nemarky durit Observations
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A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, pls. specify 2. Foundation a. Settlement (meter) b. Titting (degree)	0,000	SIEEL	WOOD	Remarks/Juliet Observations
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, pls. specify 2. Foundation a. Settlement (meter) b. Titing (degree) c. Soouring d. Others, pls. specify 3. Columns a. Cracks	0,000	Sittl	WOOD	Retthoracy United Guides Ventovia
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Buildged Ground c. Soil Creep d. Others, pls. specify 2. Foundation a. Settlement (meter) b. Tilting (degree) c. Soouting d. Others, pls. specify 3. Columns a. Cracks diagonal/vertical/horizontal cracks diagonal/vertical/horizontal cracks	0,000	SIEL	WOOD	Remarks/Juliet Guservarous
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, plr. specify 2. Foundation a. Settlement (meter) b. Tilting (degree) c. Soouring d. Others, plr. specify 3. Columns a. Cracks -diagonal/vertical/horizontal cracks -Panel zone cracks	0,000 6,00	SIEL	WOOD	Retthoracy Outre Outre vervous
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A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, pls. specify 2. Foundation a. Settlement (meter) b. Titting (degree) c. Soouring d. Others, pls. specify 3. Columns a. Cracks -diagonal/vertical/horizontal cracks -Panel zone cracks b. Drifting c. Soalling	0,000 6,00	SIEL	WOOD	Remarks/Juliet Gubervarous
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A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, plr. specify 2. Foundation a. Settlement (meter) b. Tilting (degree) c. Scouring d. Others, plr. specify 3. Columns a. Cracks -diagonal/vertical/horizontal cracks -diagonal/vertical/horizontal cracks b. Drifting c. Spalling -Exposure of reinforcing bars d. Changes in the Vertical / Higpment (i.e. Column out of plumb) e. Broken, Buckled or Fractured f. Joints Separation g. Detactured in g. Detactured f. Joints Separation g. Detactured detacting/s	900000000000000000000000000000000000000	SIEL	WOOD	Remarks/Juliet Guservarous
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, pls. specify 2. Foundation a. Settlement (meter) b. Tilting (degree) c. Soouring d. Others, pls. specify 3. Columns a. Cracks - diagonal/ vertical/horizontal cracks - Panel zone cracks b. Drifting c. Spalling c. Exposure of reinforcing bars d. Changes in the Vertical Alignment (i.e. Column out of plumb) e. Broken, Buckled or Fractured f. Joints Separation g. Detached Bracing/s h. Corrosion of Steel Member	000000000000000000000000000000000000000	SIEL	WOOD	Remarks/Junet Guservarous
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, plr. specify 2. Foundation a. Settlement (meter) b. Tilting (degree) c. Scouring d. Others, plr. specify 3. Columns a. Cracks -diagonal/vertical/horizontal cracks -diagonal/vertical/horizontal cracks b. Drifting c. Spalling -Exposure of reinforcing bars d. Changes in the Vertical / Higpment (i.e. Column out of plumb) e. Broken, Buckled or Fractured f. Joints Separation g. Detactured in g. Detactured f. Joints Separation g. Detactured detacting/s	000000000000000000000000000000000000000	SIEL	WOOD	Remarky Outer Guservarous
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, pls. specify 2. Foundation a. Settlement (meter) b. Tilting (degree) c. Soouring d. Others, pls. specify 3. Columns a. Cracks - diagonal/ vertical/horizontal cracks - Panel zone cracks b. Drifting c. Spalling c. Exposure of reinforcing bars d. Changes in the Vertical Alignment (i.e. Column out of plumb) e. Broken, Buckled or Fractured f. Joints Separation g. Detached Bracing/s h. Corrosion of Steel Member	000000000000000000000000000000000000000	SIEL	WOOD	Remarks/Junet Guservatoris
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, plr. specify 2. Foundation a. Settlement (meter) b. Tilling (edgere) c. Soouring d. Others, plr. specify 3. Columns a. Cracks - diagonal/ vertical/horizontal cracks - Panel zone cracks b. Drifting - Exposure of reinforcing bars d. Changes in the Vertical Alignment (i.e. Column out of plumb) e. Broken, Buckled of Fractured f. Joints Separation g. Detached Bracings' h. Corrosion of Steel Member L. Evidence of Termite Infectation j. Others, plr. specify 4. Beams	1 000	SIEL	WOOD	Remarks/Juliet Gubervarous
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, ph. specify 2. Foundation a. Settlement (meter) b. Tilting (degree) c. Soouring d. Others, ph. specify 3. Columns a. Cracks -diagonal/ vertical/horizontal cracks -Panel zone cracks b. Drifting c. Spalling c. Spalling c. Spalling c. Exposure of reinforcing bars d. Column out of plumbl) e. Broken, Buckled or Fractured f. Joints Separation g. Detached Bracing/s h. Corrosion of Steel Member i. Evidence of Termite Infestation j. Others, ph. specify 4. Beams a. Cracks 4. Geams a. Cracks a	000000000000000000000000000000000000000	SIEL	WOOD	Remarks/Junet Guservatoris
A1. Exterior Part of Building 1. Building Site a. Existence of Fissures b. Building Ground c. Soil Creep d. Others, plr. specify 2. Foundation a. Settlement (meter) b. Titing (degree) c. Scouring d. Others, plr. specify 3. Columns a. Cracks - diagonal/ vertical/horizontal cracks - diagonal/ vertical/horizontal cracks b. Drifting c. Spalling - Exposure of reinforcing bars d. Changes in the Vertical Alignment (i.e. Column out of plumb) e. Broken, Buckled of Fractured f. Joints Separation g. Detached Bracings' h. Corrosion of Steel Member L. Evidence of Termite Infestation j. Others, plr. specify 4. Beams	1 000	SIEL	WOOD	Remarks/Juliet Guservatoris

	CONCRETE	STEEL	WOOD	Remarks/Other Observations
c. Excessive Deflection	0			
d Broken, Buckled or Fractured	8			
e. Joints Separation	8			
f. Detached Bracing	~			
g, Corrosion of Steel Member	8			
h Evidence of Termite Infestation				
	0			
i. Others, pls. specify				
5. Walls				
a. Cracks	Q			
- diagonal/ vertical horizontal cracks				
b Separation from Joints or Connections,	2			
i.e. Beam/Column				
c. Spalling	0			
- Exposure of reinforcing bars				
d Racking	0			
e. Solid Shear Walls	6			
- diagonal/vertical/horizontal cracks				
f. Evidence of Termite Infestation	0		I	
g. Others, pls. specify				
A2. Interior Part of Building				
1. Foundation	_			
	-			
a. Bowing of underground walls	-0-			
b Others, pls. specify				[
2. Columns				
a. Cracks	2			WOLL GRANTING
- diagonal/vertical/horizontal cracks				
b. Broken, Buckled or Fractured	P			
c. Joints Separation	-0			
d Spalling	0			
- Exposure of reinforcing bars				
e. Changes in the Vertical Alignment	0			
f. Detached Bracing/s	-0-			
g. Corrosion of Steel Member	0			
h Evidence of Termite Infestation	0			
i. Others, pls. specify				
3. Beams				
a, Cracks	0			
- diagonal/ vertical/ horizontal cracks				
b Excessive Deflection	0			
c. Spalling	0			
- Exposure of reinforcing bars				
d Separation from vertical support	0			
e. Beam-column joint failure	0			
f. Corrosion of Steel Member	0			
g. Evidence of Termite Infestation	.0		,	
h Others, pls. specify				
4. Slab/ Flooring				
a. Cracks	9			los of minimal crocks
 Along vertical plane of beam edge 	. 6			
- Punching Shear	0			
b. Sagging	0			
c. Leaks	0			
d. Separation from vertical support	0			
(failure at columns)				
e. Spalling	0			
- Exposure of reinforcing bars				
f. Evidence of Termite Infestation	0			
g. Others, pls. Specify				
5. Wall				
a, Cracks	-			
- diagonal/vertical/ horizontal cracks				
 diagonal/vertical/ horizontal cracks 				

	CONCRETE	STEEL	WOOD	Remarks/Other Observations
b. Separation of Joints/Connection	0			
(i.e. Floor -wall separation				
Beam/Column/Slabs separation)				E-12 E-11 E-11 E-12 E-12 E-12 E-12 E-12
c. Spalling	-			
- Exposure of reinforcing bars	0	-	-	THE THE PARTY OF T
d Evidence of Termite Infestation	0	-		Company of the Compan
e. Others, pls. Specify		mage recommend which		The second region of the second contract of the second sec
6. Shear Walls	-	1964 Turk (1764 176 1876 1876		the Many Continues of the Continues of t
		-		
a. Spalling and exposure of vertical	0	-		
reinforcement at boundary elements				
 b. Horizontal cracks 3mm(1/8") or larger 	0			
extending through boundary elements.				
c. Shear failure at piers	0			
d Failed spandrel beams	0			
e. Others, pls. Specify		William State of Barbara		
7. Roof Framing				AND CARLOS NOW ADMINISTRATION OF A STREET OF THE PARTY OF
a. Separation from Wall	0			
b Cracks/Fractured at welded connections	0			A CONTRACTOR OF THE PROPERTY O
c, Buckling of members (including wood)	7	-		
d Corrosion of Steel Members	X			
	1			
e. Sagging	- X			
f. Evidence of Termite Infestation	0			
g. Others, pls. Specify				
. NON-STRUCTURAL				
1. Ceiling				
a. Evitjence of Termite Infestation	0			
b. Materials are not securely	1	-		some part of ceiling has
fastened	-	-		PONS TOUR OF CELLIND TOP
c. Warping			-	GUCAS
d Others, pls. Specify	0		-	
2. Interior Walls/Partition		-		TO THE OWNER OF THE PARTY OF TH
a. Masonry				
a1. Separation from column to beam				
a2. Cracks	0	1		
a3. Spalling	0			
b Wood				
b1. Separation from column to beam			0	
b2. Cracks		-	0	
b3. Evidence of Termite Infestation		-	-	
c. Glass				
c1. Separation from columns/ beams	-	-	-	
	- Q	-		
c2. Cracks	0			
3. Doors and Entrances		-		
 a. Not securely fastened and cannot be 	1			
closed or opened				
b Evidence of Termite Infestation	0			
c. Glass Crack	0			
d. Others, pls. specify				
4. Windows and Shutters		-	-	
a. Not securely fastened and cannot be	1	-		country porce of the age
closed or opened	-	-		cannot open I has croc
	-	-		
b Evidence of Termite Infestation	D	-		
c, Glass Crack	1			
d Others, pls. specify			-	
5. Stairs				
a. Cracks on step and rise	7			
b Sagging	0	-		
C Displacement of steps/ railings	18	-		
	8	-		
d Separation from joints	1.0	-		
e. Corrosion	0	-		
	8			

	CONCRETE	STEEL	WOOD	Remarks/Other Observations
h Others, pls. Specify				· · · · · · · · · · · · · · · · · · ·
6. Cladding				
a. Materials are not securely fastened	~			
b. Others, pls. Specify				
7. Parapet				
a. Cracks	-			
b Spalling				
	0			
c. Others, pls. Specify				
8. Floor Coverings (Tiles)			1	
a. Cracks	0			
b Displacement	0		1	
c. Others, pls. Specify	-		1	
9. Roof Sheets				
a. Materials are not securely fastened				
b Corrosion				
C Others, pls. Specify			- Salan	
10. Ramps for Differently Abled				
a. Cracks on ramps				
b Displacement of railings	-			
c. Corrosion				
d Spalling	0			
e. Others pls. Specify				
		Yes	No	Remarks/Other Observations
11 . Presence of open space (easement)				
a. Front				
b. Back 🦏 .			-	
c. Sides				
12. Parking capacity not exceeding NBC requir				
Building provisions allowing people to pass	within the			
building premises in due consideration of s	ecurity,		/	
thus providing more options for pedestrian				
14. Covered walkway connecting the building t	to		-	
transport waiting areas.			/	
C. ANCILLARY/AUXILIARY EQUIPMENT AND	FACILITIES (Or	ntionall		
1. Electrical System	THE CALL THE TO	, cional,	1	
a. Convenience Outlets				
Breakage				
Corrosion				
Loose Contact				
Others, pls. Specify				
b. Wirings				
Exposed conductor				
Loose connections				
Others, pls. Specify				
c. Fixtures				
Breakage				
Corrosion				
Others, pls. Specify				
d Generator Sets				
Not securely fastened to base support				
Corrosion				
Others, pls. Specify				
2. Water Supply System				
a. Tank				
Leakages				
Corrosion				
Spalling				
Leaning				
Others, pls. Specify				
b Pipes				
Corrosion				

	Yes	No I	Remarks/Other Observations
Disconnected	All parties and the		
Leakage			
Breakage			
Others, pls. Specify		1	
C. Faucel			
Corrosion			
Broken	-		
Securely fastened/connected to support system			
Others, pls. Specify			
3. Sanitary Piping System			
a. Pipes			
Leakage			
Corrosion			
Breakage	-		
Clogging			
Securely fastened to support system			
Others, pls. Specify			
b. Bracing			
Corrosion		-	
Securely fastened to support system			
Others, pls. Specify			
4. Air Conditioning Systems		1	
a. Bracing and Support		-	
Securely Fastened		-	
Corrosion	-	1	
Others, pls. Specify		-	
Emergency Exit a. Presence of at least 2 emergency exits remote			
b. Luminous directional exit signs are located			A STATE OF THE COLUMN TWO STAT
c. Illuminated "EXIT" signs have distinctive color		-	
d. Illumination system of the exit s is AC/DC		-	
e. Fi re exit doors are fi re- resistive, swing-out type,		-	
f. Others, pls. Specify		-	
6. Fire Safety Device System		-	
a. Functional Smoke Detector			
b. Functional Alarm			
c. Functional Sprinkler			
d . Functional Hose	-		
e. Functional Fire Extinguisher			
f. Others, pls. Specify			
7. Communication Facilities			
a. Functional Telephone Line			
b. Functional Internet Access			
c. Functional Two Way Radio			
d. Others, pls. Specify			
	-		
ECOLOGICAL CONSIDERATION (Optional)			
Presence of natural shading using trees and			
Presence of open-grid pavement system.		-	
3. Presence of vegetated roofing.			
4. Presence of wastewater treatment facility.	_		
5. Presence of water recycling technologies and water	-		
6. Presence of rain water harvesting		-	
7 Using Natural Ventilation Techniques			
8 Using natural lighting and access to day lighting.			
9. Using renewable energy technologies, pls. specify.	_		
10. Using Efficient Lighting.			
11. No Smoking Policy inside the building;			
smoking areas are designated.			
12. Presence of Materials Recovery Facility			
13. Implementing Solid Waste Management.			
14. Others pls. Specify		-	

	nic Hazard
Final Score, S = <u>2.3</u> (tick box below if less tha	n 2.0)
Vulnerability of Building Site / Location	
No observed locational vulnerability Highly / moderately vulnerabile to (list down determined vulnerabilities on IV. Vulnerability)	ly of Building Location)
. Physical Over-All Conditions	
Structural Defects No adverse defects Presence of minor structural defects	Presence of some severe defect found (see photos) Presence of multiple severe defects requiring investigation
Non-Structural Defects No adverse defects Presence of minor non-structural defects	Presence of localized defect found (see photos) Presence of interrelated defects for further investigation
3. Ancillary/Auxiliary Equipment and Facilities Defects No adverse defects Presence of minor defects	Presence of localized defect found (see photos) Presence of interrelated defects for further investigation
4 Ecological Consideration No adverse defects Presence of minor ecological concerns	Presence of localized concern found (see photos) Presence of concerns affecting community (for further investigation)
. Findings and Recommendation	
1. Minor Findings and Recommendation	
No further action required Recommend to communicate with owner for Level Remarks:	2 investigation
 □ No further action required □ Recommend to communicate with owner for Level 	2 investigation
No further action required Recommend to communicate with owner for Level Remarks: 2. Major Findings and Recommendation Recommend to communicate with owner for Level Recommend to communicate with owner for Level	2 investigation
No further action required Recommend to communicate with owner for Level Remarks: 2. Major Findings and Recommendation Recommend to communicate with owner for Level Recommend to communicate with owner for Level	2 investigation