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INSPECTIONS OF BUILDINGS

ARE WE READY?

INTRODUCTION

- n Inspection of structures during construction and after a natural disaster is essential.
- n People live in, work in and use buildings.
- n Safety of human beings is a top priority.
- n We need to understand the real meaning of inspection.

TYPES OF INSPECTION

QUALITY CONTROL

QUALITY ASSURANCE

SPECIAL CASES

PLAYERS

- n OWNER
- n REGISTERED DESIGN PROFESSIONAL
- n CODE OFFICIALS
- n SPECIAL INSPECTOR
- n CONTRACTOR
- n SUPPLIER
- n COMMUNITY/PUBLIC

SOURCES USED IN INSPECTION

n CODES

n STANDARDS

n APPROVED DOCUMENTS

WHAT/WHY INSPECTION IS NEEDED

n EXISTING BUILDING

n NEW BUILDINGS

CHALLENGES

- n FIELD CONDITIONS
- n ADEQUATE DOCUMENTS
- n PROPER TOOLS/CLOTHS
- n PROPER TRAINING
- n ACCESS
- n HAZARDOUS CONDITIONS.

RECOMMENDATIONS

- n PROCEDURE
- n TEAM TO WORK TOGETHER
- n TRAINING/CERTIFICATION
- n EDUCATE PUBLIC
- n INPUT FOR CODES AND STANDARDS

IBC REQUIREMENTS

n PLANS

n REVIEW

n APPROVED

n INSPECTIONS:

n SPECIAL:

n continues

n periodic

n level one/ level two/LEVEL THREE

IBC REQUIREMENTS

- Quality assurance for seismic
- Quality assurance for wind
- Special inspection for seismic
- Structural observations

CONCLUSION

n TO SAVE HUMAN LIVES:

n Proper inspection by qualified individuals

QUESTIONS?

n THANK

n YOU

n VERY

n MUCH