UBJECT: Notice of Motion t Policy Section 00: Facilities

NOTICE OF MOTION APRIL 2,82021 MEETING OF HE BOARD OF EDUCATION (RICHMOND)

In accordance with Board Policy 2024 reation and Revision of Policy and Regulatithms is a Notice of Motionthat a RECOMMENDATION be presented to the une 232021 Public meeting of the Board of Education (Richmortd) approve revised Policy Section 300: Facilities t Phase 1

### BACK@OUND

At the January 18 and February 8 2021 Policy Committee Public Meeting, the draft revised Policies 700, 701, 701.2, 701.11 and 701.12, Regulation 701.2R and 701.1-R, and Administrative Guideline 701.10 were presented for information and review, along with the phasing plan fothe completion of Facilities pecific policy review. At these meetings, stakeholder representative feedback was received, and revisions were made, specifically to Administrative

## SUMMARY

Proposed replacement of Facilities pecific Policies 700, 70th d701.2, Regulations 701

Proposed Revised Policy	Current Policy	Key Changes
Policy 700 - Statement of Guiding Principles for District Facilities	Policy 700 - Statement of Guiding Principles for Building Sites	Updated title to broader     "Facilities" term, minor text     edits
Policy 701 - Facilities Planning and Development	Policy 701 - Site Acquisition and Building Construction Policy 701.6 - Preliminary Building Specification Policy 701.9 - Tendering for Construction	<ul> <li>Consolidated three policies into one comprehensive policy, eliminated outdated wording</li> <li>Recognized District Long Range Facilities Plan</li> </ul>
Policy 701-R - Facilities Planning and Development	Regulation 701-R - Site Acquisition and Building Construction Policy 701.4 and Regulation 701.4-R - Selection of an Architect Policy 701.10 - Supervision of Construction	<ul> <li>Consolidated two policies and two regulations into one comprehensive regulation, eliminated outdated wording</li> <li>Recognized District Long Range Facilities Plan, ongoing planning and current capital planning rationale and submission</li> <li>Detailed current facilities development processes</li> <li>Detailed current project consultants and construction managers procurement processes</li> <li>Recognized current reporting requirements to the Ministry</li> </ul>
Policy 701.2 - Capital Project  Design Review Process	Policy 701.2 - School Building Planning Review Process	<ul> <li>Revised title to reflect that the process is during the design phase and not the planning phase (which is covered off in Policy 701 and 701-R)</li> <li>Expanded scope of capital projects to include significant upgrades or renovations</li> <li>Updated wording to current project organizational structure</li> </ul>

Proposed Revised Policy	Current Policy	Key Changes
Policy 701.2-R - Capital Project  Design Review Process	Policy 701.2-R - School Building Planning Review Process	<ul> <li>Revised title to reflect that the process is during the design phase and not the planning phase (which is covered off in Policy 701 and 701-R)</li> <li>Defined types of capital projects</li> <li>Replaced Steering Committee with Project Design Advisory Committee and incorporated language contained in 11 September 2019 Board Resolution to reflect current project governance and design delivery protocols</li> </ul>
N/A	Policy 701.4 and Regulation 701.4-R - Selection of an Architect	Retire Policy 701.4 and Regulation 701.4-R as the contents have been incorporated into Regulation 701-R
N/A	Policy 701.6 - Preliminary Building Specification	Retire Policy 701.6 as the contents have been incorporated into Policy 701





Policy 700 (previously Policy 900)

## Statement of Guiding Principles for Building Sites District Facilities

The Board of Education recognizes that the efficient and safe operation of the district's Richmond School District's physical plantfacilities is an essential dimension of the educational programme programs. The Board supports standards of operations which will allow the schools and community to take maximum advantage of available facilities district buildings and sites.

Policy 701 (previously Policy 901)

## Site Acquisition and Building Construction Facilities Planning and Development

Overall facilities requirements for the Richmond School District are contained in the District Long Range Facilities Plan, which shall be periodically evaluated and submitted to the Board of Education by the Executive Director, Facilities Services.

<u>District facilities shall be planned and designed to provide the built environment necessary to implement educational policies and plans. The Board supports standards of construction which will ensure that these facilities are both functional and attractive.</u>

<u>The Board also recognizes that School districtits</u> facilities play a vital role in the life of the community. <u>The Board recognizes and that it is our its</u> responsibility to make the public aware of plans for new facilities and to provide opportunities for public input through meetings, committees,

Policy 701 (previously Policy 901)

## **Facilities Planning and Development**

Overall facilities requirements for the Richmond School District are contained in the District Long Range Facilities Plan, which shall be periodically evaluated and submitted to the Board of Education by the Executive Director, Facilities Services.

District facilities shall be planned and designed to provide the built environment necessary to implement



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## Regulation

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The planning of new schools normally adheres to the following pattern:

Recognizing that the quality of district facilities can enhance effective leadministration, the Board of Education will strive for facilities which offer



- maintain appropriately sized facilities that will accommodate changing educational programs over the next 10 to 15 years;
- value input from stakeholders from the community and partner ground
- strive for increased efficiency in operational and capital costs, with made that are sustainable over the long term;
- guarantee the LRFP is robust, resilient and adaptable as it accommo challenges, new needs and information; and
- always consider recommendations and decisions that are made will learners.
- d) The District Long Range Facilities Plan shall be reviewed, and if necession annually.

## 2. On-going Planning

a) Enrolment projections will be produced for



- x Major renovations to school buildings to suit changes in facility us programs;
- x Remediation of schools suffering damage from water ingress dubuilding envelope failure;
- x Energy efficiency projects that lower the Districts' carbon emission
- x The purchase and installation of new or replacement playground equ
- x The purchase of new or replacement busses.
- c) Such projects shall be supported byorther Bisdei Etacilities Plan and if approare paid for by the Ministry of Education capital fund.

B. Facilities Deeleo prets

#### 1. Site Acquisition

- a) The requirement for a new schoghizite its recresult of residential build activity in an area or a resulting complement to two or more existing so
- b) Site acquisition projectschwilledbeninthe Five-Year Capital Plan.
- c) The School Site Acquisition Agreemethe Betweend the City of Richmond be utilized to minimize site acquisition capital costs.
- d) Approval by the Minister of Education is required prior to any site acq

#### 2. Pre-Design

If the Ministry supports a major capital project, defined as a new sereplacement, seismic upgrade or other improvement project as set out annual Five-Year Capital Plan insteutcollowsing process will be followed:

- a) The Minister issues a response letter to the Board identifying the p number and due date for the business case – the Project Definition Re
- b) The District assigns a Project Planner and funds the retention of an arc consultants (refer Section D for selection process) to develop the Planner works with district departments and the Ministry as necessity completeness of the document.
- c) The Project Planner develops PDR opersons santo the Facilities & Build Committee for recommendation of a preferred option for Board approximate the comm
- d) Upon Board approval, the Projectlizelanther Plot and submits to the Mir for approval.
- e) Upon Ministry approval, a Capital Funding Project Agreement (CFPA) is co-signed between the Board and Ministry to enable funding of the costs associated with the development of the PDR, and to initiate implementation.

#### 3. Design

Once the CFPA is duly executed and Certificate of Approval is received f Education:

- a) The District assigns a Project Manager, who is responsible for the su the complete project.
- b) The Project Manager retains theeprtojspecialthyitcontsubtrad construction manager (refer Section D for selection process) for the duration of the



c) The Project Manager establishes Dterseg Prajevisory Committee and proc with the design and review of the project in accordance with District Capital Project Design Review Process.

## 4. Permits and Tendering

Once working drawings and specifications are complete:

- a) The project architect assembles the necessary documents to apply fo from the City of Richmond.
- b) The Project Manager works with gthe Partichast to conduct tendering awarding of trade contracts in accordance with provincial procureme practices.

## 5. Construction

Once the building permit is obtained, the Project Manager:

- <u>a) administers construction and occupancy of the project in acc</u>ordance <u>practices and established distri</u>ct standards;
- b) at substantial completion, coordinates in specitions and commissioning equipment involving Facilities Services and Learning & Business Technolostaff; and
- c) at final completion, ensures all systems are functioning as designe arranges for filing of record drawings, maintenance materials, manuals

#### C. AppointmofProjet Consultants and Construction Mages

- 1. Processes for developing specifications and designs for new building or provide for involvemæffæcded stakeholders.
- 2. Since an effective working relationship between District staff and extension to the efficient design process, a group of three to four (3 architectural and engineering consultingnsitmustion management firms with maintained for capital projects.
- 3. Requests for prequalification of firmosite to the called every three (3) years, renewald blen for three (3) years at the discrete of the District by the Purchasing Department under the advice of the Branch. A proposal evaluation team chaired by the Assistant Manager For the second se



### D. Borting

- 1. The Project Manager prepares regular Project Status Updates for posting School District website and for reporting out to the Facilities & Building Executive Director, Facilities Services throughout the life of each project
- 2. When a capital project impacts the daily operation of a school in-session, will meet regularly with the Schadolr Admilleisignate to provide ongoing up on the status and projected timeline of the project.
- 1.—The requirement for a new school is recognized as a result of residentia an area and approval is sought from the Ministry of Education for the planning.
- 2. Once approval is received, an applithetel isna the design concept is develoconsultation with the Board and the District's professional staff. The Distance staff will include: Secretary-Treasurer or designate, Ma (ude: )6G5.9 (r)

**FACILITIES** 

Policy 701 -R (previously Policy 901- R)

## Facilities Planning and Development

Recognizing that the quality of district facilities can enhance effective learning, teaching and administration, the Board of Education will strive for facilities which offer the best possible environment, within financial limitations, for district activities.

Specifically, the Board will aim toward:

- x New and rejuvenated buildings which facilitate organizational and instructional patterns in support of the Richmond School District's educational philosophy and instructional goals;
- x Maintain ing facilities that mee t health, safety and occupant comfort requirements;
- x Providing building renovations as needed to meet accessibility requirements for persons with diverse abilities; and
- x Building design and construction which enable low maintenance costs and energy conservation.

## A. Planning

- 1. Long Range Facilities Planning
  - a) A District -wide Long Range Facilities Plan (LRFP), forming the basis for capital investment decisions in school facilities, will be maintained by district staff and will take into consideration :
    - · educational program requirements and trends;
    - current and 10 -15 year projections in enrolments, and community demographics;
    - operating capacities, utilization and condition of existing facilities, including temporary accommodation and/or renta I facilities;
    - current and anticipated changes in land use;
    - future trends or anticipated new initiatives, including both those of the the Provincial Government; and
    - transportation of students .
  - b) The vision for the LRFP is "a Board -approved planning document which supports our district vision for today, tomorrow and into the future. An LRFP will support our changing demographics and educational programming needs, and will ensure that our student learning environments will be safe and welcoming in modernized facilities distributed equitably across our district ".

c)

- strive for increased efficiency in operational and capital costs, with financial decisions made that are sustainable over the long term;
- guarantee the LRFP is robust, resilient and adaptable as it accommodates unforeseen challenges, new needs and information; and
- always consider recommendations and decisions that are made with our focus on learners.
- d) The District Long Range Facilities Plan shall be reviewed, and if necessary adjusted, annually.

## 2. On-going Planning

- a) Enrolment projections will be produced for each school annually for a fifteen (1 5)- year period and any schools expected to be over -capacity will be identified.
  - x Portable classrooms or re -

x Energy efficiency projects that lower the District

## 4. Permits and Tendering

Once working drawing s and specifications are complete

- a) The project a rchitect assemble s the necessary documents to apply for a building permit from the City of Richmond.
- b) The Project Manager works with the Purchasing Department to conduct tendering and awarding of trade contracts in accordance with provincial procurement policy and best practices.

#### 5. Construction

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Once the building permit is obtained, the Project Manager

- a) administers construction and occupancy of the project in accordanc e with industry best practices and established district standards ;
- b) at substantial completion, co ordinates deficiency inspections and commissioning of equipment involving Facilities Services and Learn ing & Business Technologies Departments staff: and
- c) at final completion, ensures all systems are func tioning as designed, receives and arranges for filing of record drawings , maintenance materials, manuals and warranties.

#### C. Appointment of Project Consultants and Construction Managers

- 1. Processes for developing specifications and designs for new building or renovations shall provide for involvement of affected stakeholders.
- 2. Since an effective working relationship between District staff and external consultants is essential to the efficient design process, a group of three to four (3 to 4) prequalified aarckitectur 4al and engineering consultants of and constauction in an agreement firms

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Policy 701.2 (previously Policy 901.2)

School Building Capital Project Planning Design Review Process

The Board of Education recognizes the need to enable conceptual and developed design proposals for new expansion or replacement and renovated school district facility projects or projects involving significant upgrades or renovations to district facilities to be seen and commented upon by all interested parties at appropriate stages and thus to promote effective planning and enable general support of the final design.

#### Steering Committee

The planning design process will be under the general direction of the Facilities Services Branch, with a Steering Project Design Advisory Committee —established by District Management Committee for each project.

# Policy

FACILITIES Policy 701.2 (previously Policy 901.2)

Capital Project Design Review Process

The Board of Education

b) Major Capital Projects Superintendent's Representative (Area Superintendent or designate) Secretary-Treasurer or designate Executive Director, Facilities Services Project Manager (Chair/RMAPS \*1 representative) Board of Education Representative (Liaison Trustee for that school) School Administrator or designate (RASA \*3 representative) Richmond Teachers' Association Representatives (maximum of two) Student Representatives (maximum of two, selected by Student Council) School's Parent Advisory Council Representatives (maximum of two) Canadian Union of Public Employees, Local 716 Representative City of Richmond Representative (nominated by Community Services) Community Representative (nominated by nearest Community Association) Department Manager(s) or designates <u>\*1 Richmond Management Administra</u> tion Professional Staff (RMAPS) \*2 Applicable to seismic upgrade projects only \*3 Richmond Association of Sc hool Administrators (RASA) \*4 Applicable to school projects only. For a new school, representative nominated by the Superintendent \*5 Applicable to secondary school projects only . For a new school, the Student Council shall be from the school currently serving the new catchment area. sory Council shall be fr om the school currently \*6 Applicable to school projects only. Parent Advi serving the new catchment area.

\*7 Applicable to sch ool projects only.

	3. I	-rec	uenc	y of M	leetings	
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The frequency of meetings of the Committee is based on the scope and complexity of the project:

- a) for Seismic Upgrade projects not involving any major changes to the floor plan of a school

  (i.e. purely a structural upgrade with some u pgrades to building systems and/or finishes),

  meetings are to be held at the onset of design phase and at the 50%\*/95% design

  completion stages;
- b) for applicable Minor Capital projects and Seismic Upgrade projects involving major changes to the floor plan of a school (i.e. seismic upgrade plus either an addition or partial replacement to the building), meetings are to be held at the onset of design phase and at the 35%/70%\*/95% design completion stages; and
- c) for Major Capital projects, meetings are to be held as a minimum:
  - i. Onset of design
  - ii. 50%/95% complete schematic design stage to considep (c )6.Canr

### The Project Manager:

- makes drawings available for review and feedback by the Maintenance, Operations &
   Transportation and Learning & Business Technologies departments at the 50% and

   95% complete design development stage;
- at the 95% complete design development stage, co-presents with project architect the updated design supported by the Project Design Advisory Committee to the Facilities & Building Committee; the Facilities & Building Committee either recommends the updated design to the Board for approval or directs back to Project Design Advisory Committee for reconsideration;
- co-presents with the project architect the updated design recommended by the Facilities & Building Committee to the Board at a Public Meeting; and
- upon Board approval of proposed design option, submits drawings and Class B cost estimate to the Ministry for information and comments.

The project may proceed to Working Drawings/Tender Documents upon approval by the Board.

c) Working Drawings/Tender Documents

The project architect prepares working drawings, specifications and other documents necessary to apply for Building Permit and to enable a request for tenders to be undertaken.

The Project Manager:

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c) at the 95% complete design stage:
<ul> <li>submits final design drawings and Class A cost estimate to the Ministry for information</li> </ul>
and comments;
<ul> <li>makes drawings and specifications available for review and feedback by Facilities</li> </ul>
Services and Learning & Business Technologies key staff; and
• initiates the tendering process with the Purchasing Department and instructs the
project architect to proceed with the Building Perm it application.
3. The Project Manager issues regular project status updates that are posted on the Richmond
School District website and reported out to the Facilities & Building Committee and Ministry
of Education by the Executive Dire ctor, Facilities Services throughout the life of each project.
Steering Committee Membership - Major Projects
For major capital projects (above \$1.5 million total cost) parties who will be invited to attend
meetings and receive minutes will include:
Superintendent's Rep Area Superintendent or designate; Secretary Treasurer's Rep
Wanager of Facilities or designate; Manager of Maintenance and Operations;
Frustee - Liaison Trustee for that school;
Principal or Designate - Nominated by the Superintendent;
Two R.T.A. Reps - Nominated by Richmond Teachers' Association;
Fwo Students (secondary schools only) - Select
Student Council shall be from the school currently serving the new catchment area;
Fwo Parent Reps Nominated by appropriate Parent Advisory Council in consultation with
Principal. For a new school, the Parent Advisory Council shall be from the school currently
serving the new catchment area;
CUPE Ren -

### follows.

1. Stage One - Schematic Design

1.1 Design Concepts

Design concepts to be resolved during this stage will include:

- x general layout of main building spaces
- x number of storeys

X

2. Stage Two Design Development
2.1 Design Concepts
Design proposals to be presented during this stage will include:
x detailed floor plan layouts
x site layout plan
x building elevations
x perspective or model
x cost estimate
2.2 Planning Procedure
1. Steering Committee - meetings as required
Architect develops design, presenting to Steeri ng Committee for input and participation until a
final design is agreed upon.
2.——Personnel & Finance Committee
Superintendent's Representative presents design proposal agreed upon by Steering
Committee.
Committee.
Personnel & Finance Committee considers the design proposal and forwards comments to  District Management Committee.
3.——District Management Committee—— Architect presents design proposal ag reed upon with Steering Committee.——
District Management Committee recommends to Board or directs back to Steering Committee for reconsideration.
4. Board District Management Committee recommends design proposal to Board and requests public meeting date.
5. — Public Meeting Architect presents recommended design.
6.—Board Architect presents recommended design.
7 With Roard approval, design proposal is submitted to the Ministry to request their

## 3.2 Planning Procedure

Preparation of the tender documents will be coordinated by the Consultant Architect. Direction to the Architect and other Consultants will be given by School District Facilities staff who will review progress periodically to access compliance with District requirements including the budgetary and time limitations.

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Policy 701.2 -R (previously Policy 901.2- R)

Capital Project Design Review Process

A. Project Types

Capital proj.00/11Rse3.466 8l.



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## 3. Frequency of Meetings

The frequency of meetings of the Committee is based on the scope and complexity of the project:

- a) for Seismic Upgrade projects not involving any major changes to the floor plan of a school
   (i.e. purely a structural upgrade with some upgrades to building systems and/or finishes),
   meetings are to be held at the onset of design phase and at the 50%
   \*/95% design
   completion stages;
- b) for applicable Minor Capital projects and S eismic Upgrade projects involving major changes to the floor plan of a school (i.e. seismic replacement to the building), meetings are to at the 35%/70%\* /95% design completion stages ; and
- c) for Maj2\*20 9.48 108 538.68 Tm [srj2 (r)-6 Tc -0.smil.9 x 4 (o5(f)6.4Td (co0 [(r)-8 Tm [s)a1r6.6 (ta)3.4os1r6.6 ,.5 (



- c) at the 95% complete design stage
  - submits final design drawings and Class A cost estimate to the Ministry for information and comments;
  - makes drawings and specifications available for review and feedback by
     Services and Learning & Business Technologies key staff
     ; and
  - initiates the tendering process with the Purchasing Department and instructs the project a rchitect to proceed with the Building Permit application .
- 3. The Project Manager issues regular project status updates that are posted on the Richmond School District website and reported out to the Facilities & Building Committee and Ministry of Education by the Executive Director, Facilities Services throughout the life of each project

For Board Information: 06 September 1994 Board Concurrence: 20 February 1995 Board Approval of Revisions: 16 January 2006

Proposed Revision: 17 May 2021

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Policy 70 1.4 -R (previously Policy 901.4-R)

## Selection of an Architect

#### Selection Criteria

The Secretary- Treasurer would not normally plan interviews with prospective architects the estimated cost is \$500,000 or less. Normally, an architect that has done work for the Board, whether on the subject property or not, and is known to be reliable and competent, would be contacted.

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The Secretary- Treasurer should consider each arch itect included on the original list in light of the criteria below with a view to short listing not more than six architects to be interviewed.

The Secretary -Treasurer will judge the suitability of each architect to the project by appraising them on the f ollowing criteria and any others, from time to time, that the district may consider to be relevant. This process will likely involve discussions with clients and other forms of investigation.

In the process of judging the suitability of each firm, the Secretary -Treasurer will conduct confidential interviews with those short listed unless the estimated cost of the project is less than \$500,000. As part of the interview, the architects will be requested to present to the committee an outline of their approach to the development of the particular project under consideration. In preparation for the interview each architect will be provided with the same pertinent information about the project whether it be in written form or through preparatory meetings, s ite inspections, etc.

It should be noted that the following criteria are not intended to represent an exclusive listing of all those that might be used in selecting an architect. Each project will have its own problems and characteristics which will give rise to other criteria that should be considered in the selection process. These and other criteria will be used informally by representatives from the district when they are giving independent consideration to architects and formally as the representati ves deliberate collectively.

#### Basic Criteria for Selection

- 1. Demonstrated ability to discern and translate the educational philosophy and programme needs of the project into the design.
- Quick and accurate comprehension and analysis of difficulties, problems, strengths, weaknesses of building or site.
- 3. Ability to translate the specific instructions given by the owner and follow through with advice and prompt action.
- 4. Awareness of the time factors involved in school projects and one established cooperation with the Board, a commitment to adhere to the schedule.
- Creativity in design.

- 6. Previous experience in building schools and awareness of modern teaching techniques.
- 7. Availability for consultation either by telephone or meetings.
- 8. Size of firm.

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- 9. Structural, mechanical, and electrical capability.
- 10. Extent to which pre -engineered components have been used by the firm.
- 11. Use of quantity surveyors (cost analysis).
- 12. Correlation of (a) cost per square meter, (b) cost per student and (c) total area as a percentage usable for instructional purposes and maintain at a reasonable level.
- 13. Supervision of construction.

(a)

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Policy 70 1.6

(previously

Policy 901.6)

Preliminary Building Specifications (Construction Standards)

School buildings shall be designed to provide the physical facilities necessary to implement district educational policies. The Board supports standards of construction which will ensure that these facilities are both functional and attractive.

The Secretary -Treasurer and his/her staff, in consultation with the District Coordinating Architect, shall be responsible for the establishment, application, and evaluation of comprehensive standards governing construction methods and materials. These standards shall be in conformity with the requirements of appropriate regulatory agencies and shall reflect the Board's concern for lasting value and performance.

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Policy 70 1.9 (previously Policy 901.9)

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**Tendering For Construction** 

The Board of Education (Richmond) is responsible for the necessary construction, repair, and maintenance of school buildings, for their furnishing, heating, and lighting, and for the improvement and maintenance of school grounds.

The Minister of Education has been empowered by the Cabinet to make rules governing tendering procedures to be followed by Boards of Education. These rules were issued by the Minister in January 1986, and shall be observed by the Board and by all tenderers for construction in the Richmond School District.

# PROPOSE**D**OBERETIRED. WORDINGNCORPORATENDTOPROPOSED REVISEBOLICY01

Policy 70 1 10 (previously Policy 901.10)

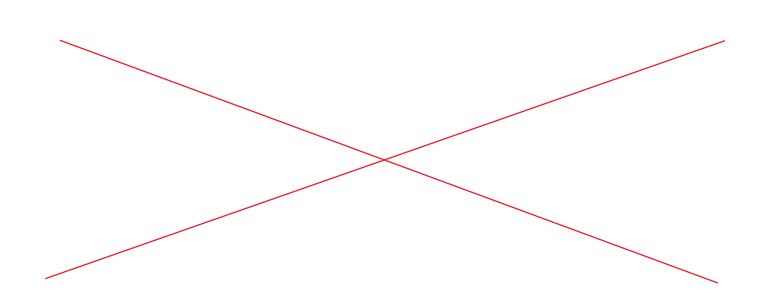
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Supervision of Construction

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# PROPOSEDOBERETIRED. WORDINGNCORPORATENDTOPROPOSED REVISEREGULATION 1-R



# PROPOSED TO BE RETIRED. WORDING INCORPORATED INTO PROPOSED REVISED POLICY 701