PROVINCE OF NOVA SCOTIA DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

DTIR Document DC350

APPENDICES

DESIGN REQUIREMENTS

Appendix A

Performance Criteria

for Design Projects

2010 EDITION

Printed September 21, 2010

DC 350, Appendix A is not intended to be a complete architectural, mechanical or electrical specification for all projects. Such a complete specification must be written for each project by the Project Consultant.

This section, in conjunction with DC 350, Part 1 and Part 2 and other Appendices, and client department design requirements, specifies, in outline form, the minimum acceptable standards for design services and building components.

DTIR - DC 350	Performance Criteria	Appendix A
Design Requirements Manual	for	
2010 EDITION	Design Projects	September 21, 2010

1 PROFESSIONAL CONSULTANTS

1.1 All design services shall be provided by architects, mechanical engineers, electrical engineers, structural engineers, civil engineers, and landscape architects who are registered with the respective professional association within the Province of Nova Scotia. Professional Consultants shall provide complete consulting services during all stages of the projects as outlined by their professional associations. The Prime Consultant; or in the case of a Design Build Project, the Contractor must confirm/identify their consulting team prior to the signing of the contract. Any change to the consulting team must be accepted and approved by the Department of Transportation and Infrastructure Renewal.

2 DESIGN REVIEW PROCESS

- 2.1 At the end of the Schematic Design, Design Development and Construction Documents stages of the project the Consultant; or in the case of a Design Build, the Contractor, shall submit to the DTIR for review and approval, drawings, specifications, and estimates that explain /detail the project. DTIR and our client Department will review the submitted material and shall provide written comments to the Consultant / Contractor within the time identified in Appendix B for the individual Stages of the Work. The Consultant /Contrator, in timely fashion, shall submit a written respons to each review comment outlining pending action(s)
- 2.2 The Consultant; or in the case of a Design Build, the Contractor may not move to the next Stage of the project (as outlined in Appendix 'B' attached) until they have received written comments from the Department of Transportation and Infrastructure Renewal and the client Department on the Contractor's previous submission and the Contractor has provided an acceptable written response to Department of Transportation and Infrastructure Renewal and the client Department comments.
- 2.3 It is the province's objective through this process, to build high quality buildings with a 40-50 year life cycle. Although parts of this manual are meant to be/act as a guideline/performance document, if the consultant (after careful consideration and discussion by both parties) is unable to convince client Department and the Department of Transportation and Infrastructure Renewal staff that, what the Consultant is proposing is equal to or exceeds the intent of the design guidelines as interpreted by Department of Transportation and Infrastructure Renewal and the client Department staff, then DTIR and the client Department staff will make the final decision on all interpretations of the design guidelines.

END

PROVINCE OF NOVA SCOTIA DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

DTIR Document DC350

APPENDICES

DESIGN REQUIREMENTS

Appendix B

Design Review Process

2010 EDITION

September 21, 2010

DC 350, Appendix B is not intended to be a complete architectural, mechanical or electrical specification for all projects. Such a complete specification must be written for each project by the Project Consultant.

This section, in conjunction with DC 350, Part 1 and Client Department design requirements and other Appendices, specifies, in outline form, the minimum acceptable standards for design services and building components.

September 21, 2010

GOVERNMENT OF NOVA SCOTIA DESIGN REVIEW PROCESS

- All information (drawings, specifications, reports) to be submitted in accordance with standard practice procedures as described in the Professional Handbooks of Practice for Architects and Engineers. All work is to be prepared in conjunction with the Provincial Acts and Regulations for both Nova Scotia Professional Associations.
- Document submissions, for review and approval, are to be provided to the Department of Transportation and Infrastructure Renewal and the client Department in accordance with the following stages and submission guidelines. Written responses to these submissions will be provided in a timely manner necessary to reasonably allow the work to continue.
- <u>Written responses to the province's comments on a submission from the Consultant;</u> or in the case of a Design Build, the Contractor <u>, must be provided by the Consultant;</u> or in the case of a Design Build <u>, the contractor prior to starting the next stage.</u> Government staff will make every effort to achieve dates agreed to, but may require additional time depending on work load and number of submissions made at one time.
- Prior to the start of construction, the Consultant; or in the case of a Design Build the Contractor and the Contractor's consulting team must provide the province with a written certification that all standards in the design guidelines of the bid documents have been met. The province also reserves the right to inspect all work, without notice, to ensure compliance with the DC350 Design Requirements Manual and good building practice. Inspections will be carried out by DTIR staff or consultants acting as their agents. The Consultant or in the case of a Design Build project, the Contractor shall also provide copies of all inspection reports, including but not limited to; **Consultant's or** Contractor's Consultant site review reports, geotechnical, testing, balancing, and underground services.
- In addition to other meeting requirements, the Consultant or the Contractor's Consultant shall attend a minimum of 3 meetings with DTIR and the client Department at a mutually convenient location: as well as 3 meetings, 3.5 hours each, in the subject community, for the purposes of consultation with users groups regarding detailed design.
- Following Sign Off by Department of Transportation and the client Department in stages 1 through 5, Design teams shall not make major changes to approved systems and layouts, beyond the changes required to improve and complete those systems without written approval from the Minister's Representative.

September 21, 2010

STAGE 1 - SCHEMATIC DESIGN STAGE

- 1 The Schematic Design Documents shall consist of the documents required to illustrate the scale and character of the Project and how the parts of the Project functionally relate to each other, in sufficient detail to fully interpret the program.
- 2 Purpose: to demonstrate compliance with approved Program
- 2.1 Review by DTIR, and our client Department.
- Sign Off by DTIR, and our client Department and the, and the Contractor. 2.2
- 3 Information Required:
- 3.1 Design Concept Brief
- 3.2 Space Program Comparison Report
- 3.3 Architectural Schematic Floor Plans
- Architectural Schematic Building Elevations (including major elements) 3.4
- 3.5 Architectural Schematic Building Sections (minimum scale 1:200)
- 3.6 Schematic Site Plan
- 3.7 Class 'D' estimate
- 3.8 Outline specification including architectural, mechanical, electrical and structural
- 3.9 Building Code Analysis Report
- LEED Target Summary Report including overview of sustainable initiatives. 3.10
- 3.11 All documentation required by the LEED Commissioning Agent.
- 4 Submission
- 4.1 Submit eight (8) copies of Schematic Design Documents
- 5 Timing
- 5.1 To be submitted within 6 weeks of receiving award to proceed from the DTIR
- 5.2 The Province will provide comments within 15 working days of Design Development submission

STAGE 2 - DESIGN DEVELOPMENT STAGE

1 The Design Development Documents shall consist of drawings, specifications, reports and other documents appropriate to the size of the Project, required to describe and represent the size and character of the entire Project as to the architectural, structural, mechanical, electrical and landscape systems, including materials and other elements as are appropriate.

- 2 Purpose:
- 2.1 To demonstrate compliance with approved Program
- 2.1.1 Review by DTIR, the our client Department
- 2.1.2 Sign Off by DTIR, the client Department, and the Design -Build Contractor if applicable.
- 3 Information Required:
- 3.1 Design Development Brief
- 3.2 Space Program Comparison Report
- 3.3 Civil Drawings: Site Plan, Grading Plan & Servicing
- 3.4 Landscape Drawings: Site Layout
- 3.5 Architectural Drawings: Floor plans, Building Elevations, Building Sections and Building Envelope Details
- 3.6 Structural: Foundation, Floor & Roof Framing and Details
- 3.7 Mechanical Drawings: HVAC, Plumbing, and Piping Floor Plans
- 3.8 Electrical Drawings: Site Plan, Power Plans, Communications Plans, Lighting Plans and Details
- 3.9 Class 'C' estimate
- 3.10 Outline specification including architectural, structural, civil, landscape, mechanical, electrical and structural
- 3.11 Building Code Analysis Report
- 3.12 LEED Target Summary Report including overview of sustainable initiatives.
- 3.13 All documentation required by the LEED Commissioning Agent.
- 4 Submission
- 4.1 Submit eight(8) copies of Design Development Documents
- 5 Timing:
- 5.1 Department of Education and Department of Transportation and Infrastructure Renewal shall provide comments within 15 working days.

STAGE 3 - CONSTRUCTION DOCUMENT STAGE

- 1 Construction Documents shall consist of drawings and specifications setting forth in detail the requirements for the construction of the Project.
- 2 Purpose:
- 2.1 To demonstrate compliance with approved design and design guidelines
- 2.1.1 Review by DTIR, the client Department.

- 2.1.2 Sign Off by DTIR, the client Department, and Design Build Contractor if applicable.
- 3 Information Required at 50% and 100%:
- 3.1 All Civil Work
- 3.2 Landscape Work
- 3.3 All Structural Work
- 3.4 All Architectural Work
- 3.5 All Mechanical Work
- 3.6 All Electrical Work
- 3.7 All Specifications including LEED Commissioning Plan
- 4 Submission:
- 4.1 Submit 10 full size sets of above information.
- 4.2 Submit 5 drawing sets at half size.
- 5 Timing:
- 5.1 To be submitted by Contractor in two submssions, at 50% and 100% completion as identified above, at intervals agreed to by the Minister's Representative but not to exceed 6 weeks of Stage 2 approval by Department of Transportation and Infrastructure Renewal.
- 5.2 The province shall provide written comments within 15 working days.

STAGE 4 - FUNCTIONAL PERFORMANCE TESTING STAGE

- 1 Purpose
- 1.1 Review by DTIR, client Department.
- 1.2 Sign Off by DTIR, the client Department, and the Design Build Contractor, if applicable.
- 2 Information Required:
- 2.1 Written plan and appropriate performance requirements
- 2.2 For LEED registered projects provide documentation required by Owner's LEED Commissioning Agent.
- 3 Timing
- 3.1 To be submitted by Contractor 3 months prior to Substantial Performance.
- 3.2 DTIR and Client Department to provide written comments within 15 working days of receiving Stage 4 submission.

STAGE 5 - OCCUPANCY

- 1 Components:
- 1.1 Substantial Completion
- 1.2 Functional Performance Testing Report
- 1.3 As-builts and Warranty
- 1.4 Final Completion Date
- 1.5 Operation and Maintenance Manuals
- 2 Purpose:
- 2.1 Review by DTIR, the client Department.
- 2.2 Sign Off by DTIR, the client Department, and the Design Build Contractor, if applicable.
- 3 Information Required:
- 3.1 For LEED registered projects provide documentation required by Owner's LEED Commissioning Agent
- 3.2 6 copies of all above noted documentation, reports, permits and any other required documentation
- 3.3 3 copies of Operating and Maintenance Manuals.
- 3.4 3 hard copies of As-built drawings
- 3.5 3 copies of As-built drawings on 3 CD's.

PROVINCE OF NOVA SCOTIA DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

DTIR Document DC350

APPENDICES

EDUCATIONAL FACILITIES DESIGN REQUIREMENTS

Appendix C

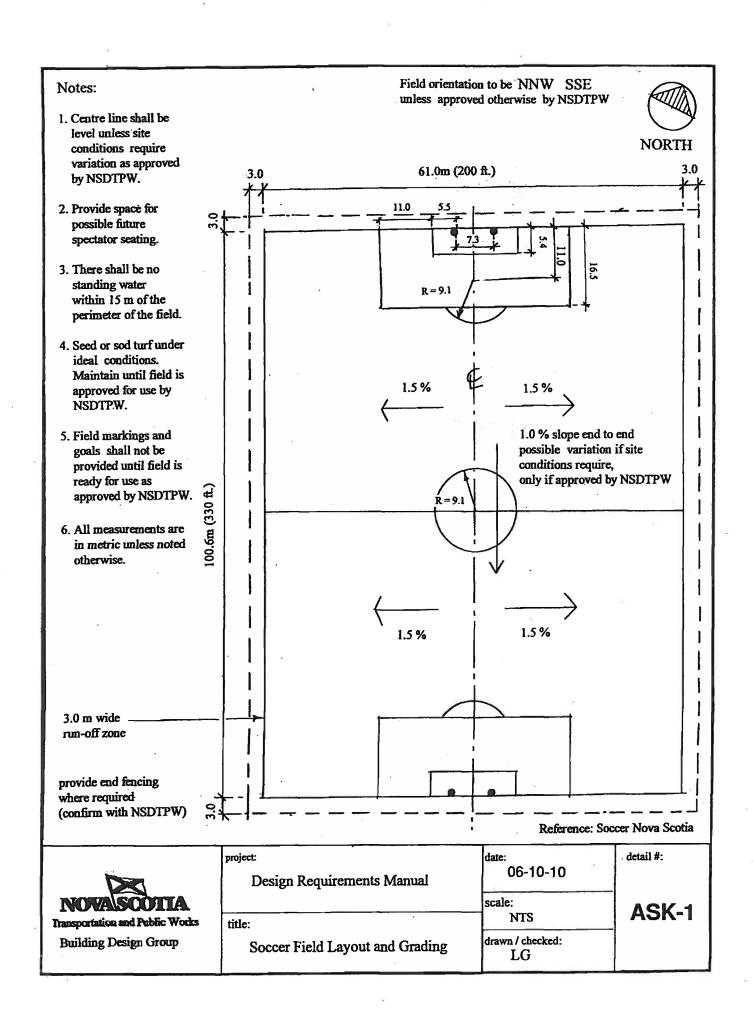
Drawings and Sketch Details

2010 EDITION

September 21, 2010

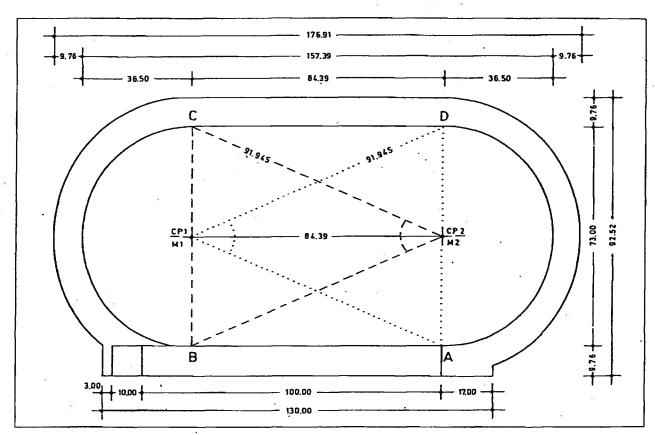
DC 350, Appendix B is not intended to be a complete architectural, mechanical or electrical specification for a school project. Such a complete specification must be written for each project by the Project Consultant.

This section, in conjunction with DC 350, Part 1 and Part 2 and other Appendices, specifies, in outline form, the minimum acceptable standards for school components.



The 400m Standard Track

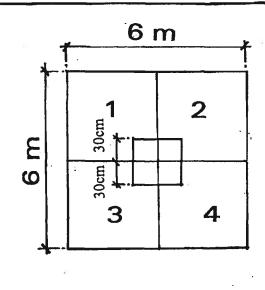
The 400m Standard Track has the advantages of a simple construction, straight and curved sections of almost equal length and uniform bends which are most suitable to the running rhythm of athletes. Furthermore, the area inside the track is large enough to accommodate all throwing events and also a standard football pitch (68m x 105m).



The 400m Standard Track comprises 2 semi-circles, each with a radius of 36.50m, which are joined by two straights, each 84.39m in length (Fig 1.2.3a). This diagram indicates the inside edge of the track which must have a kerb with a height of 0.05m to 0.065m and a width of 0.05m to 0.25m. The inner edge of the track is 398.12m in length (36.5m x 2 x π + 84.39m x 2) where π = 3.1416. This length for the inner edge gives a length of 400.00m (36.8m x 2 x π + 84.39m x 2) for the theoretical line of running (measurement line) at a distance of 0.30m from the kerb. The inside lane (lane 1) will, therefore, have a length of 400.00m along its theoretical line of running.

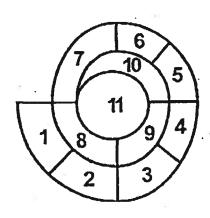
Reference: International Amateur Athletic Federation Track and Field Facilities Manual

NOVASCOTIA	project: Design Requirements Manual	date: 06-10-10	detail #:
Transportation and Public Works Building Design Group	title:	scare: NTS	ASK-2
¥.	Layout for 400 Metre Track	drawn/checked: lg/gr	



Minimum Size Requirement

All squares, x's, semicircles, etc. should be made large enough to accommodate a child's foot comfortably (30-40cm).

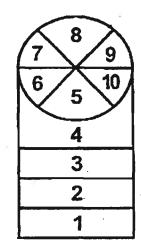


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Transportation and Public Works

Building Design Group

project:

Design Requirements Manual

title:

Pavement Markings for Childrens' Games

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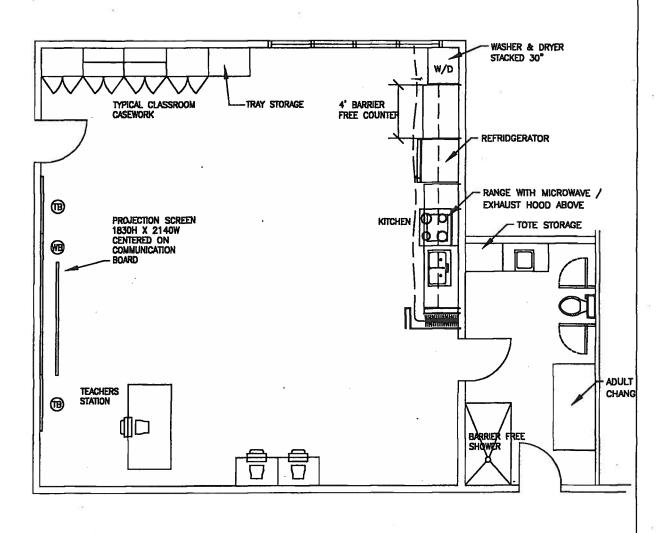
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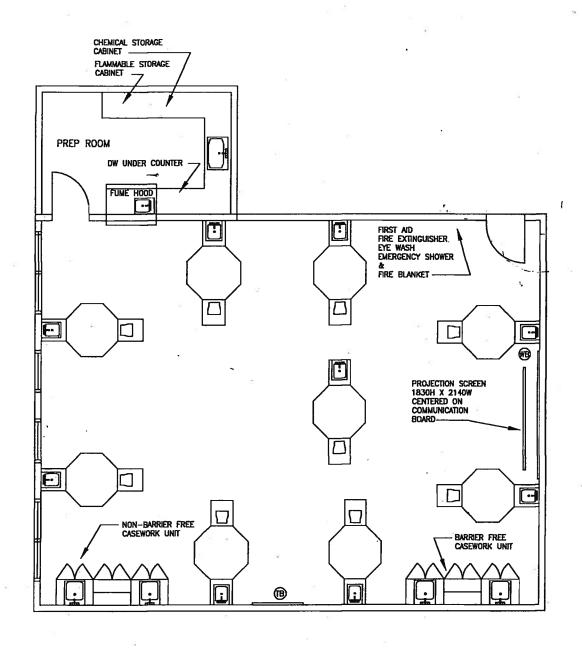
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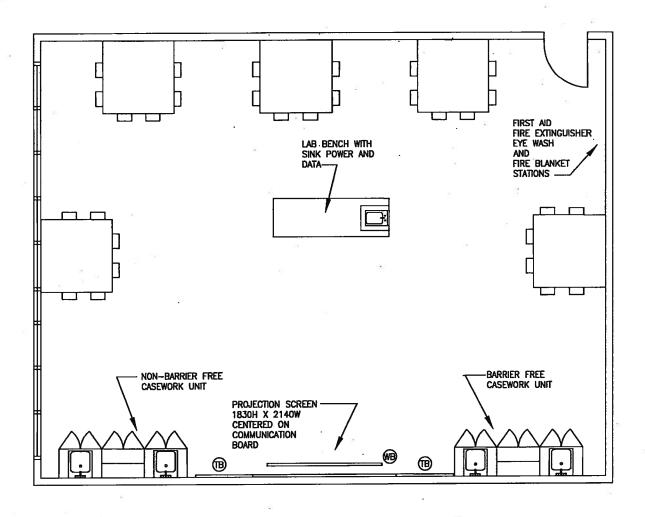
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NOVASCOTIA Transportation and Infrastructure Renewal	DESIGN REQUIREMENTS MANUEL 2010 EDITION	SCALE NTS	ASK-4
Public Yorks	DRAWNG LEARNING SUPPORT	DATE: SEPT 15, 2010	



	PROJECT	DC350	PROJECT NO. W01-02-01-02
Transportation and Infrastructure Renewal		DESIGN REQUIREMENTS MANUEL. 2010 EDITION	SCALE NTS
Public Works	DRAWING	CHEMISTRY LAB	DATE: SEPT. 15, 2010

DWG. NO.

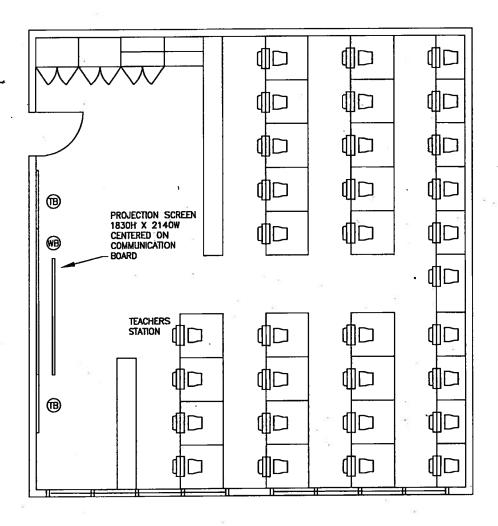
ASK-5



	PROJECT	DC350	PROJECT NO. W01-02-01-02
NOVA SCOTIA Transportation and Infrastructure Renewal		DESIGN REQUIREMENTS MANUEL 2010 EDITION	SCALE NTS
Public Vorks	DRAWING	GENERAL SCIENCE LAB RIOLOGY / PHYSICS LAR	DATE: SEPT 15. 2010

DWG. NO.

ASK-6

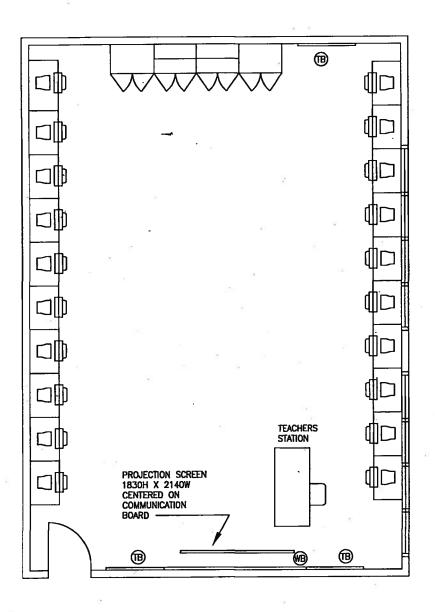


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	PROJECT	DC350

PROJECT	DC350	PROJECT NO. W01-02-01-02
	DESIGN REQUIREMENTS MANUEL	SCALE
	2010 EDITION	NTS
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	INFORMATION TECHNOLOGY	SFPT 15 2010

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ASK-8



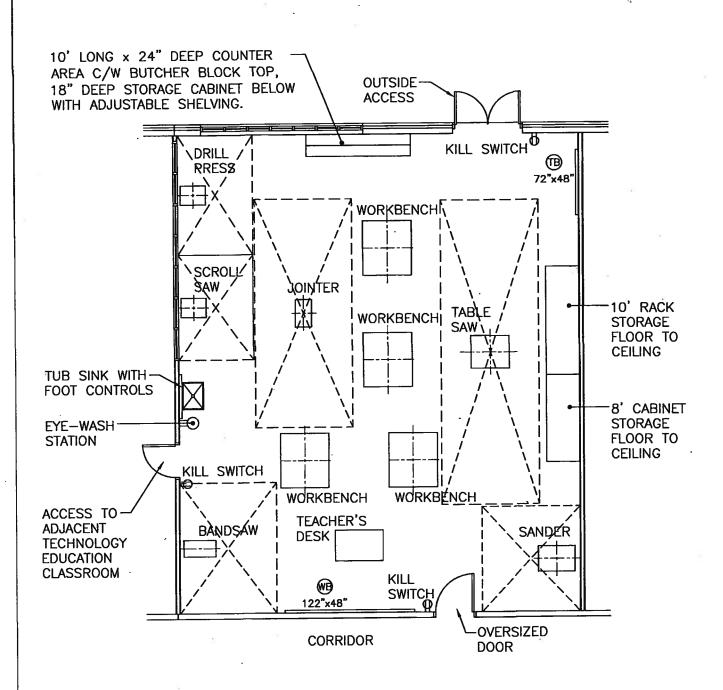
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Public Works

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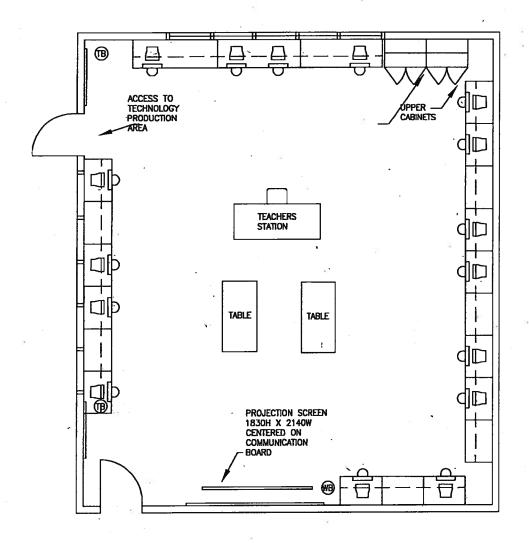
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ASK-8A



SAFETY ZONE AS REQUIRED

	PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
NOVA SCOTIA		DESIGN REQUIREMENTS MANUAL	SCALE	
Transportation and Public Works		2007 EDITION	N.T.S.	ASK-9
Public Works	DRAWING	TECHNOLOGY PRODUCTION AREA	DATE: 07-01-10	/// 3
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DC350 DESIGN REQUIREMENTS MANUEL

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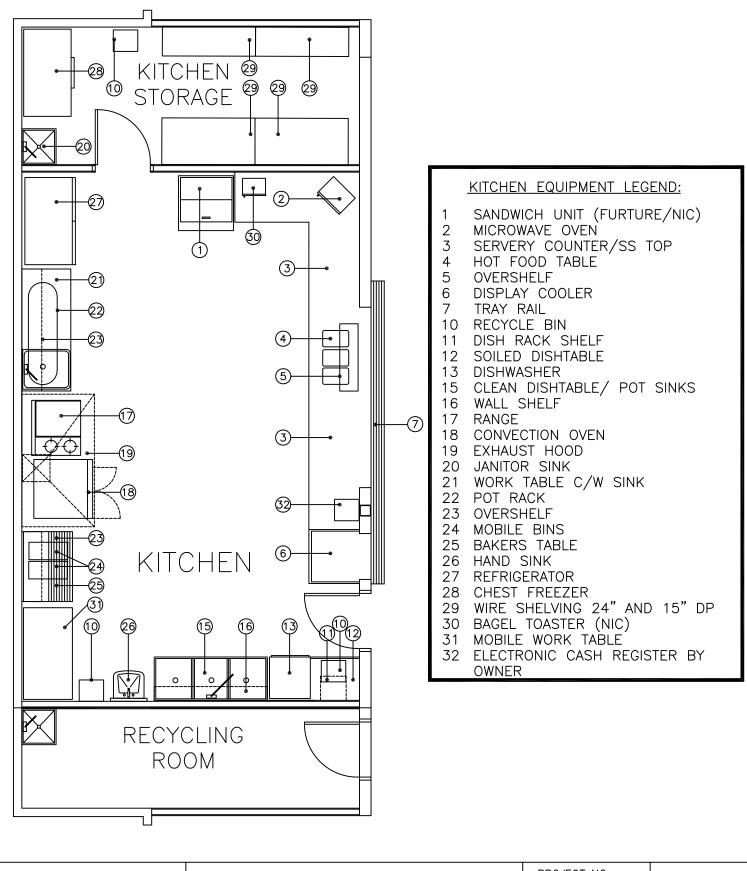
TECHNOLOGY INNOVATION

PROJECT NO. W01-02-01-02 SCALE NTS DATE:

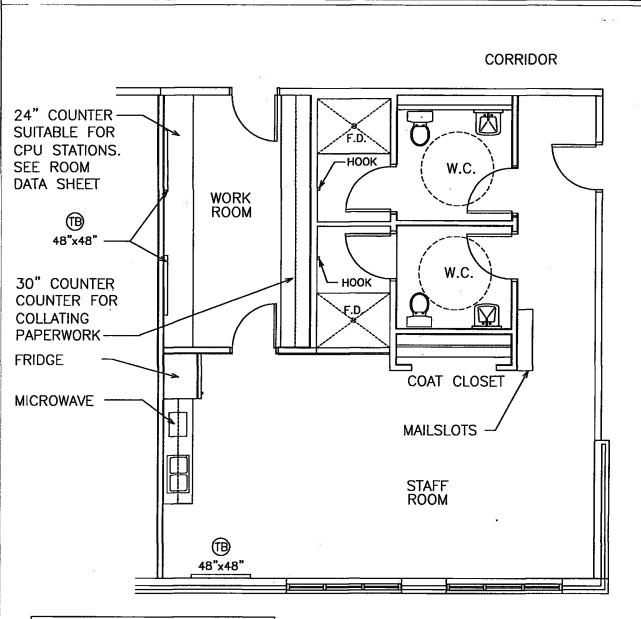
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DWG. NO.

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	PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
NOVA SCOTIA		DESIGN REQUIREMENTS MANUAL	SCALE	
Transportation and Public Works		2006 EDITION	N.T.S.	ΔSK_11
Public Works	DRAWING		DATE:	ASIN II
		KITCHEN	06-10-10	



NOTE: BOTH WATERCLOSETS TO HAVE BARRIER FREE WALL HUNG LAVATORIES. BOTH SHOWERS TO BE BARRIER FREE.

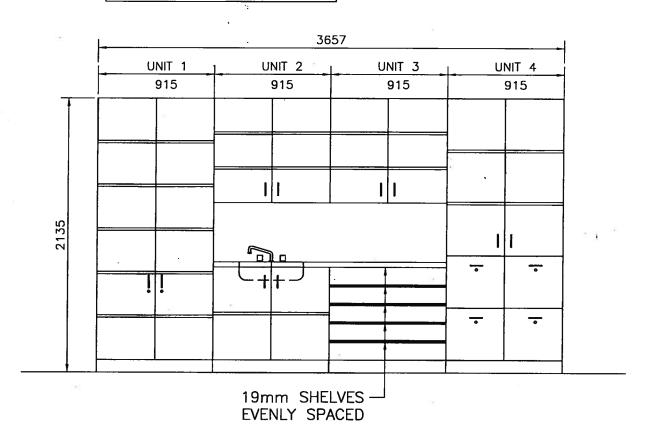
	PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
NOVASCOTIA		DESIGN REQUIREMENTS MANUAL	SCALE	
Transportation and Public Works		2007 EDITION	N.T.S.	ASK-12
Public Torks	DRAWING	TYPICAL STAFF ROOM LAYOUT	DATE: 07-01-10	NON 12
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NOTE:

PRIMARY,1,2 CLASSES INCLUDE SINKS.

GRADES 3-12, UNITS 2 ADJUSTABLE SHELVESHAVE, NO SINKS

REFER TO ROOM DATA SHEETS FOR MOUNTING HEIGHTS

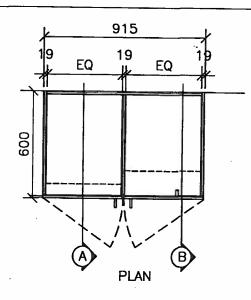


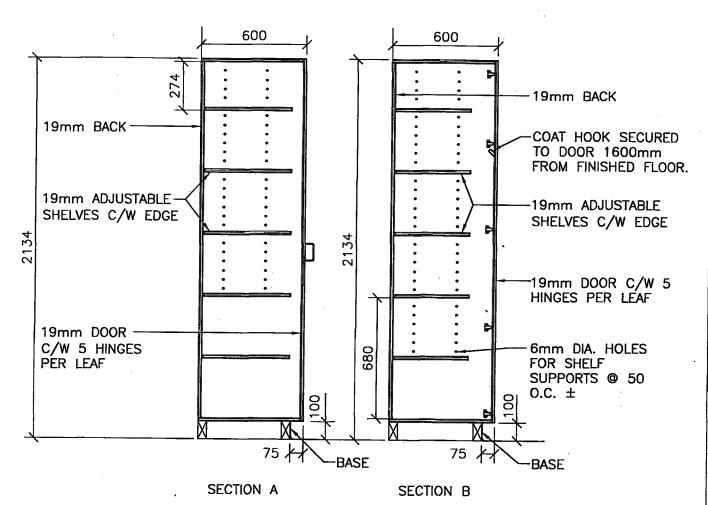
M	PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
NOVASCOTIA Transportation and Public Works		DESIGN REQUIREMENTS MANUAL 2007 EDITION	SCALE N.T.S.	ASK-13
Public Vorks	DRAWING	TYPICAL CLASSROOM CASEWORK ELEVATION	DATE: 07-01-10	NON TO

NOTES:

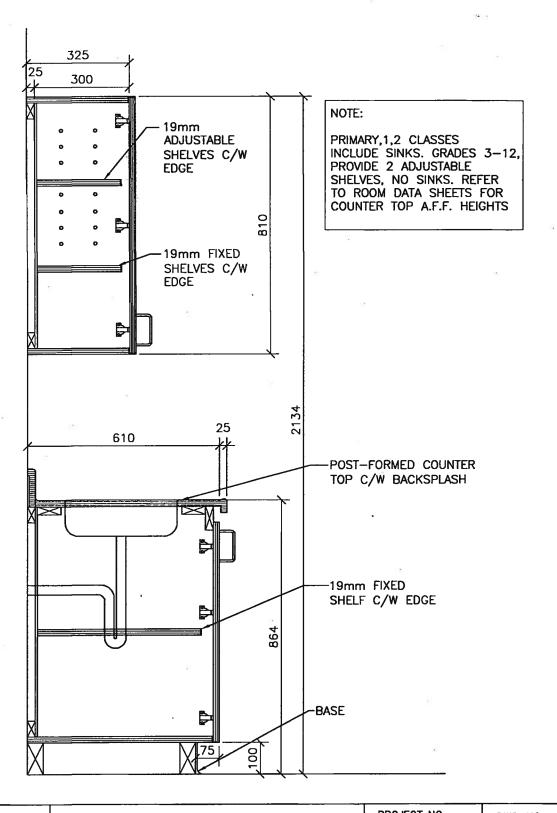
TEACHER'S CLOSET DOOR SHALL BE LOCKABLE.

PROVIDE ALL HARDWARE ITEMS: HINGES, PULLS, SHELF SUPPORTS, COAT HOOKS, DOOR HOOKS.

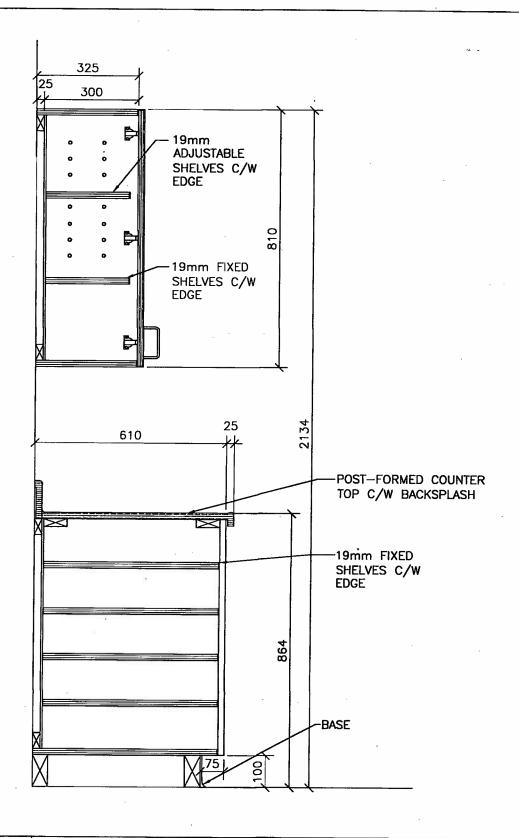




	PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
NOVAISCOTIA Transportation and Public Works		DESIGN REQUIREMENTS MANUAL 2007 EDITION	SCALE N.T.S.	ASK-13a
Public Works	DRAWING	TYPICAL CLASSROOM CASEWORK UNIT ONE - TEACHER'S CLOSET	DATE: 07-01-10	ASK-TUU



	PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
NOVASCOTIA Transportation and Public Works		DESIGN REQUIREMENTS MANUAL 2006 EDITION	SCALE N.T.S.	ASK-13bi
Public Works	DRAWING	TYPICAL CLASSROOM CASEWORK UNIT 2 - STANDARD CABINET	DATE: 06-10-10	ASK 150

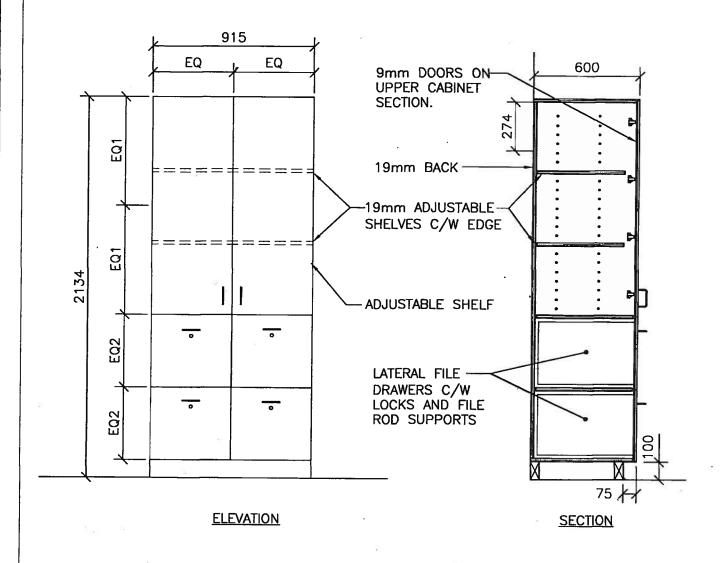


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NOVAISCOTTA Transportation and Public Works	DESIGN REQUIREMENTS MANUAL 2007 EDITION	SCALE N.T.S.	ASK-13c
Public Works	DRAWING TYPICAL CLASSROOM CASEWORK UNIT 3 - UNIT STORAGE	DATE: 07-01-10	M3N-13C

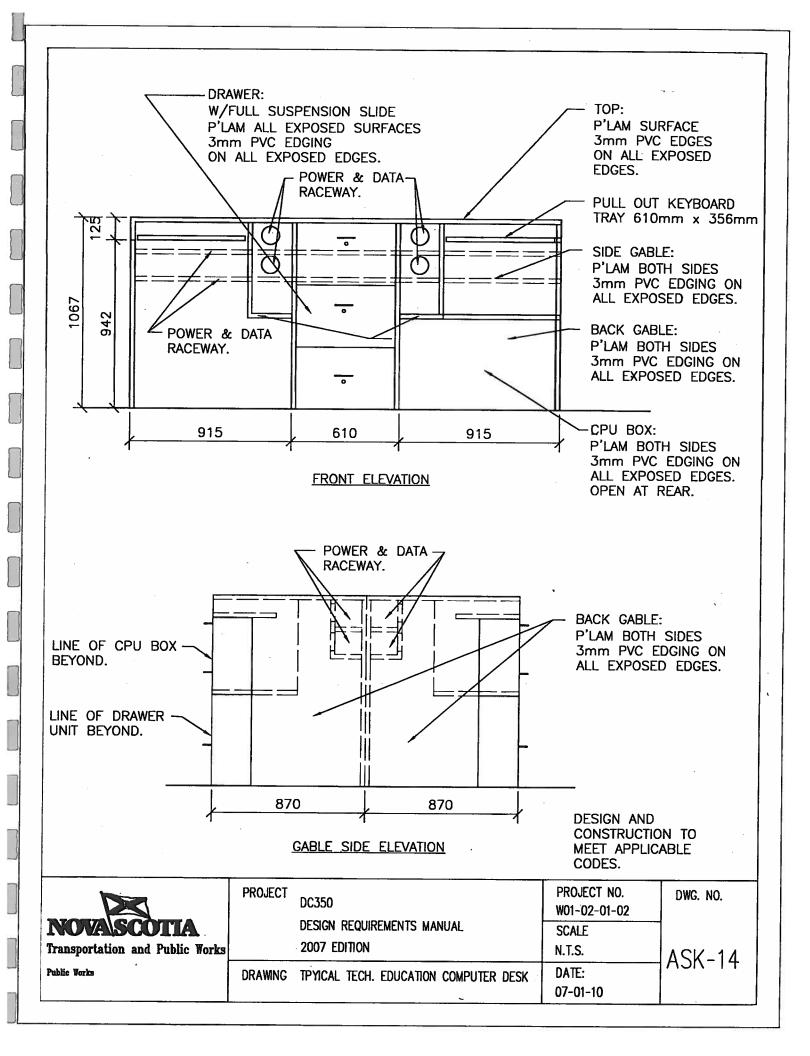
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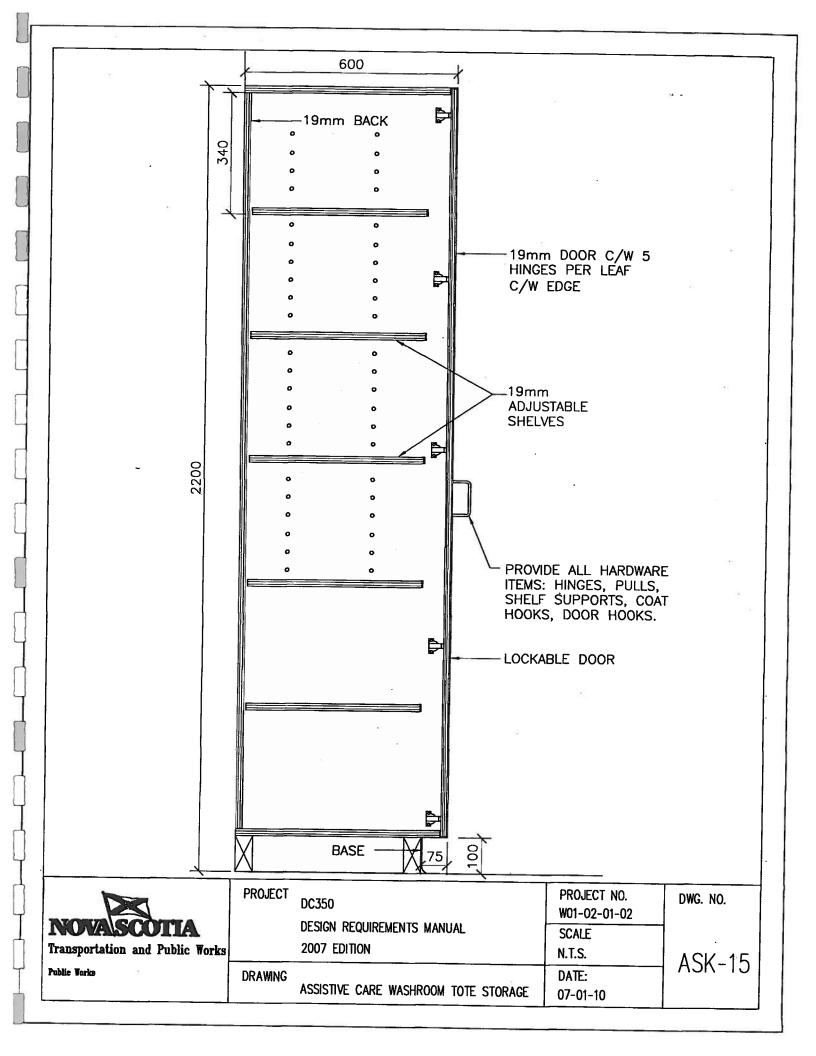
LATERAL FILE DRAWERS SHALL BE LOCKABLE.

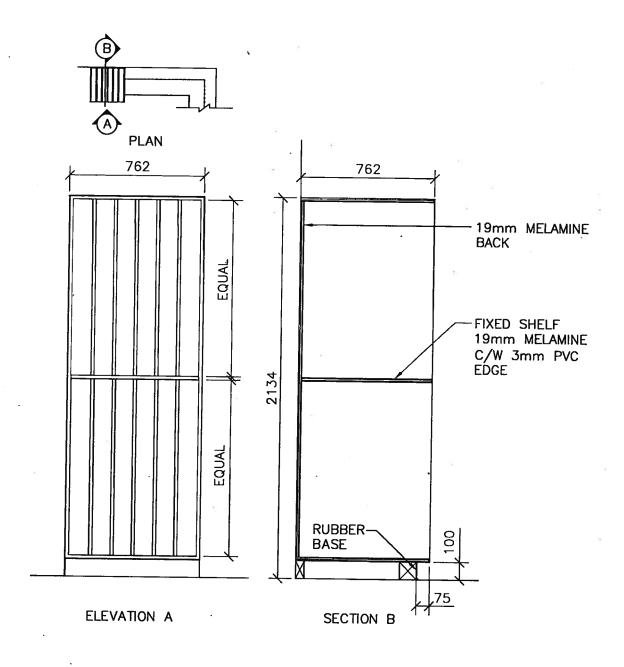
PROVIDE ALL HARDWARE ITEMS: HINGES, PULLS, SHELF SUPPORTS, COAT HOOKS, DOOR HOOKS.



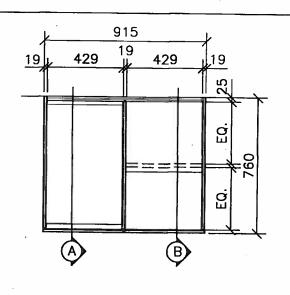
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NOVASCOTIA Transportation and Public Works		DESIGN REQUIREMENTS MANUAL 2007 EDITION	SCALE N.T.S.	ASK-13d
Public Works	DRAWING	TYPICAL CLASSROOM CASEWORK UNIT FOUR - CABINET AND LATERAL FILES	DATE: 07-01-10	ASK-130

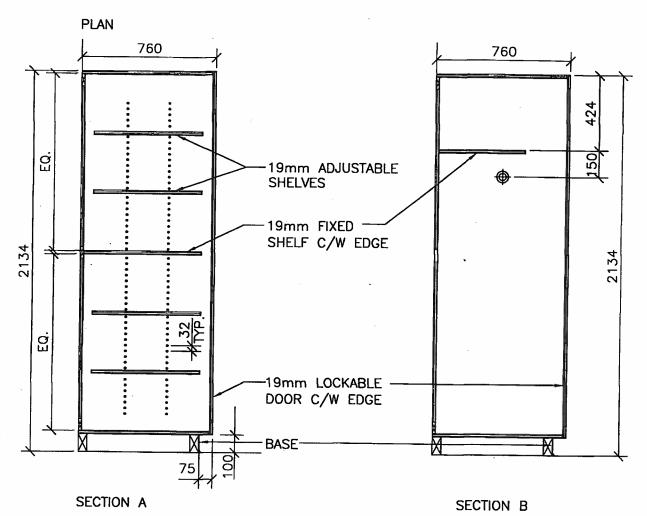




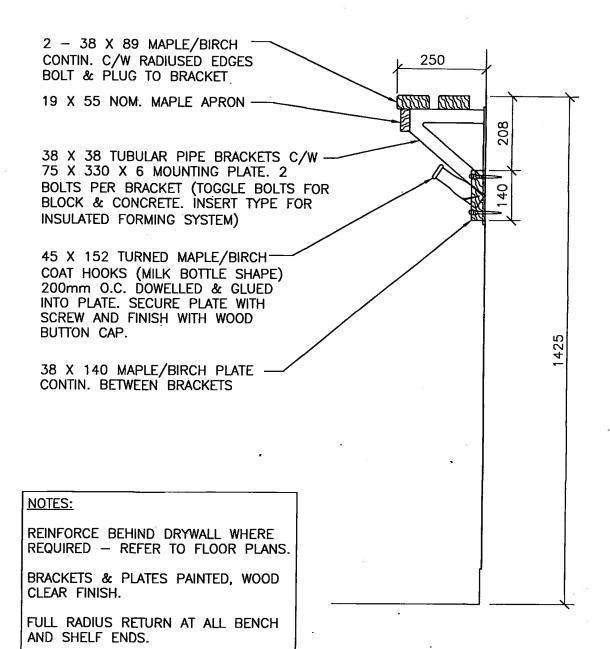


NOVASCOTTA Transportation and Public Works	PROJECT	DC350 DESIGN REQUIREMENTS MANUAL 2007 EDITION	PROJECT NO. W01-02-01-02 SCALE N.T.S.	DWG. NO. ASK-16
Public Vorks	DRAWING	VISUAL ARTS ROOM - ART STORAGE CABINET	DATE: 07-01-10	# A3N-10

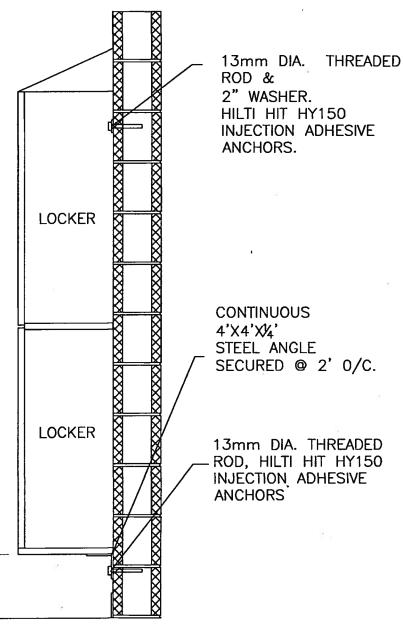




NOVASCOTIA Transportation and Public Works	PROJECT	DC350 DESIGN REQUIREMENTS MANUAL 2007 EDITION	PROJECT NO. W01-02-01-02 SCALE N.T.S.	DWG. NO.
Public Works	DRAWING	DRAMA ROOM - COSTUME STORAGE CABINET	DATE: 07-01-10	ASK-17

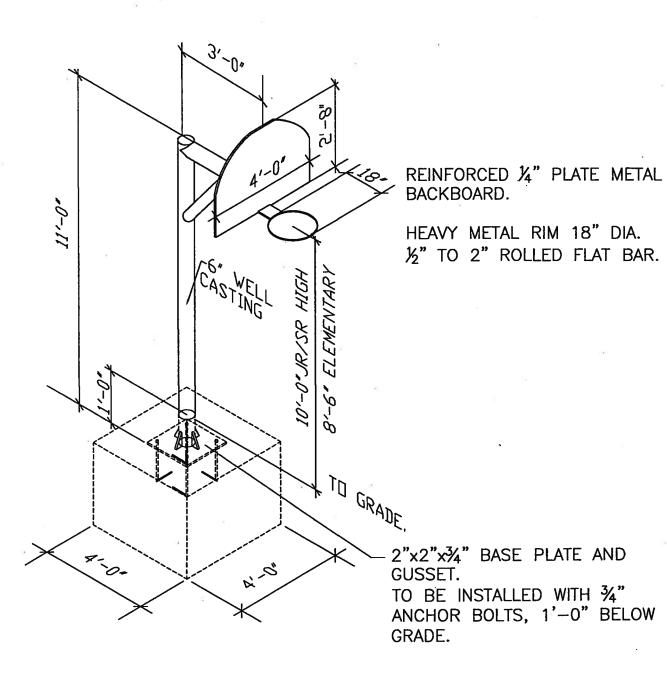


NOVASCOTTA Transportation and Public Works	PROJECT	DC350 DESIGN REQUIREMENTS MANUAL 2007 EDITION	PROJECT NO. W01-02-01-02 SCALE N.T.S.	DWG. NO. ASK-18
Public Works	DRAWING	COAT HOOKS, HAT RACK	DATE: 07-01-10	ASIN 10

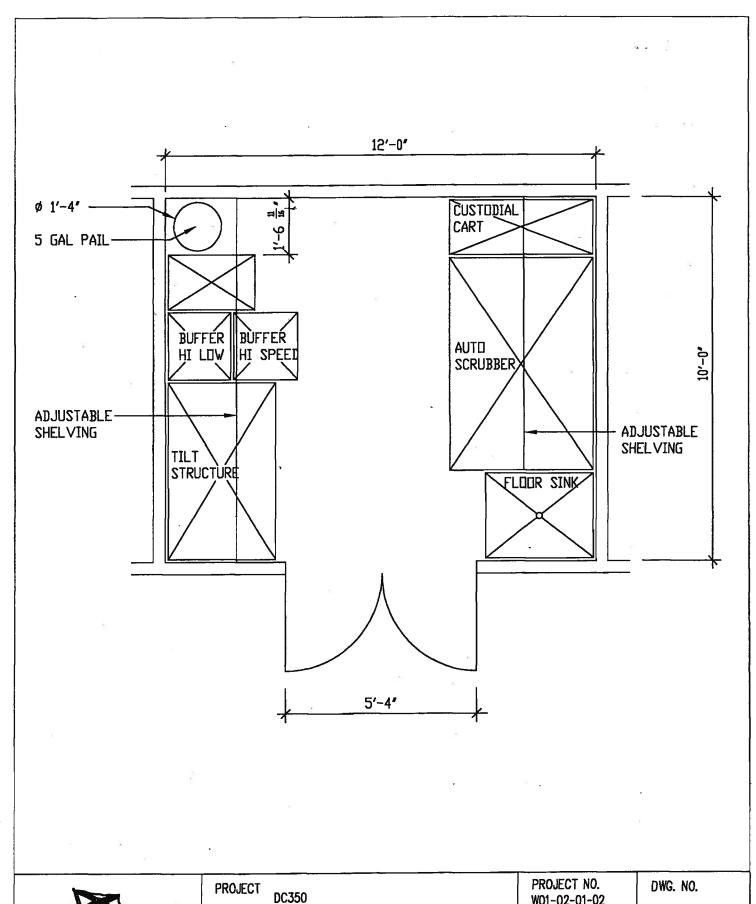


NOTE; LOCKERS TO BE SUPPLIED WITHOUT LOCKER BASES. REINFORCE BEHIND DRYWALL WHERE REQUIRED — REFER TO FLOOR PLANS.

	PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
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Transportation and Public Works	0)	2007 EDITION	N.T.S.	ASK-19
Public Works	DRAWNG		DATE:	71011 10
		LOCKER SUPPORT DETAIL	07-01-10	



NOVASCOTIA	PROJECT	DC350 DESIGN REQUIREMENTS MANUAL 2007 EDITION	PROJECT NO. W01-02-01-02 SCALE.	DWG. NO.
Transportation and Public Works Public Works	DRAWING	OUTSIDE BASKETBALL STANDARD	DATE: 07-01-10	ASK-20



PROJECT DC350

DESIGN REQUIREMENTS MANUEL

Transportation and Infrastructure Renewal

DRAWING

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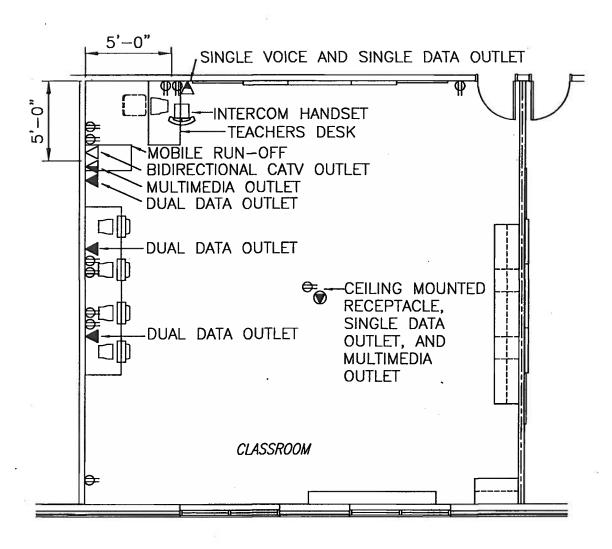
W01-02-01-02

SCALE

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DATE:

Aug 6, 2010



NOTE: THIS DRAWING IS INTENDED TO SHOW THE RELATIONSHIP OF FURNITURE WITHIN A TYPICAL CLASSROOM FOR ELECTRICAL REQUIREMENTS.

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Transportation and

Transportation and Infrastructure Renewal Public Works

PROJECT		PROJECT NO.	DWG. NO.
	DC350	W01-02-01-02	
•	DESIGN REQUIREMENTS MANUAL	SCALE]
	2010 EDITION	N.T.S.	ESK-1
DRAWING		DATE:	
	ELECTRICAL CLASSROOM CO-ORDINATION	09-04-02	

NOTE 1: DOUBLE GANG BACKBOX COMPLETE WITH SINGLE GANG SQUARE WELDED RAISED TILE RING FOR MEDIA CONVERTER (SUPPLIED AND INSTALLED BY OWNER). MEDIA CONVERTER TO BE MOUNTED ON TILE RING. PROVIDE A YELLOW LAMICOID WITH BLACK LETTERING FOR THIS ITEM.

NOTE 2: 1" EMT WALL STUB TURNED OUT INTO ACCESSIBLE CEILING SPACE.

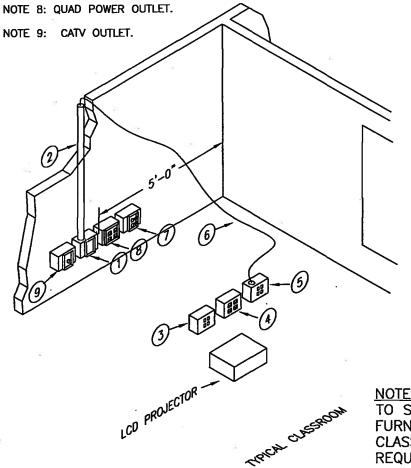
NOTE 3: SINGLE DATA OUTLET (CABLED FROM THE MAIN TELECOMMUNICATIONS ROOM) LOCATED IN THE ACCESSIBLE CEILING SPACE ABOVE THE PROJECTOR AND WITHIN 30" OF CEILING, BOX TO BE MOUNTED IN A VERTICAL ORIENTATION.

NOTE 4: QUAD POWER OUTLET LOCATED IN THE ACCESSIBLE CEILING SPACE ABOVE THE PROJECTOR AND WITHIN 30" OF CEILING, BOX TO BE MOUNTED IN A VERTICAL ORIENTATION.

NOTE 5: DUAL MEDIA CONVERTER OUTLET COMPLETE WITH COVERPLATE AND YELLOW CONNECTORS LOCATED IN THE ACCESSIBLE CEILING SPACE ABOVE THE PROJECTOR AND WITHIN 30" OF CEILING, BOX TO BE MOUNTED IN A VERTICAL ORIENTATION. PROVIDE A YELLOW LAMICOID WITH BLACK LETTERING FOR THIS ITEM.

NOTE 6: TWO CATEGORY 6 CABLES (YELLOW JACKET) TERMINATED WITH A YELLOW 8P8C AT EACH END. CABLING TO BE ROUTED THROUGH THE ACCESSIBLE CEILING SPACE ON "J-HOOKS".

NOTE 7: DUAL DATA OUTLET (CABLED FROM THE MAIN TELECOMMUNICATIONS ROOM).



NOTE: THIS DRAWING IS INTENDED TO SHOW THE RELATIONSHIP OF FURNITURE WITHIN A TYPICAL CLASSROOM FOR ELECTRICAL REQUIREMENTS.

NOVASCOTIA
Transportation and

Transportation and Infrastructure Renewal

PROJECT	DC350	PROJECT NO. W01-02-01-02	DWG. NO.
	DESIGN REQUIREMENTS MANUAL	SCALE	1
	2010 EDITION	N.T.S.	FSK-2
DRAWING	8	DATE:	LJIV Z
	SROOM MEDIA CONVERTER LAYOUT	10-07-19	

PROVINCE OF NOVA SCOTIA DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

DTIR Document DC350

APPENDICES

EDUCATIONAL FACILITIES DESIGN REQUIREMENTS

Appendix D

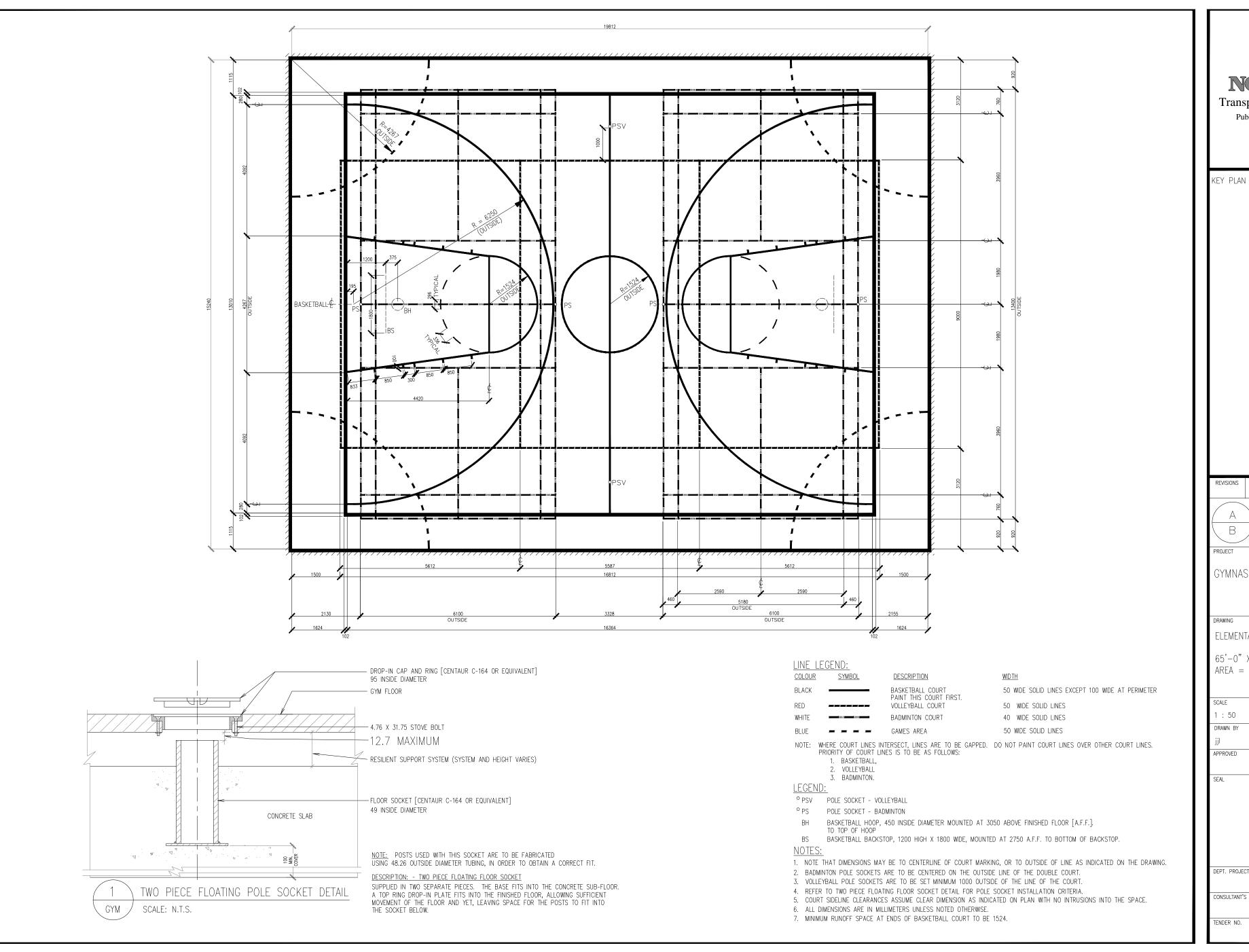
Gymnasium Floor Layout

2007 EDITION

September 21, 2010

DC 350, Appendix B is not intended to be a complete architectural, mechanical or electrical specification for a school project. Such a complete specification must be written for each project by the Project Consultant.

This section, in conjunction with DC 350, Part 1 and Part 2 and other Appendices, specifies, in outline form, the minimum acceptable standards for school components.





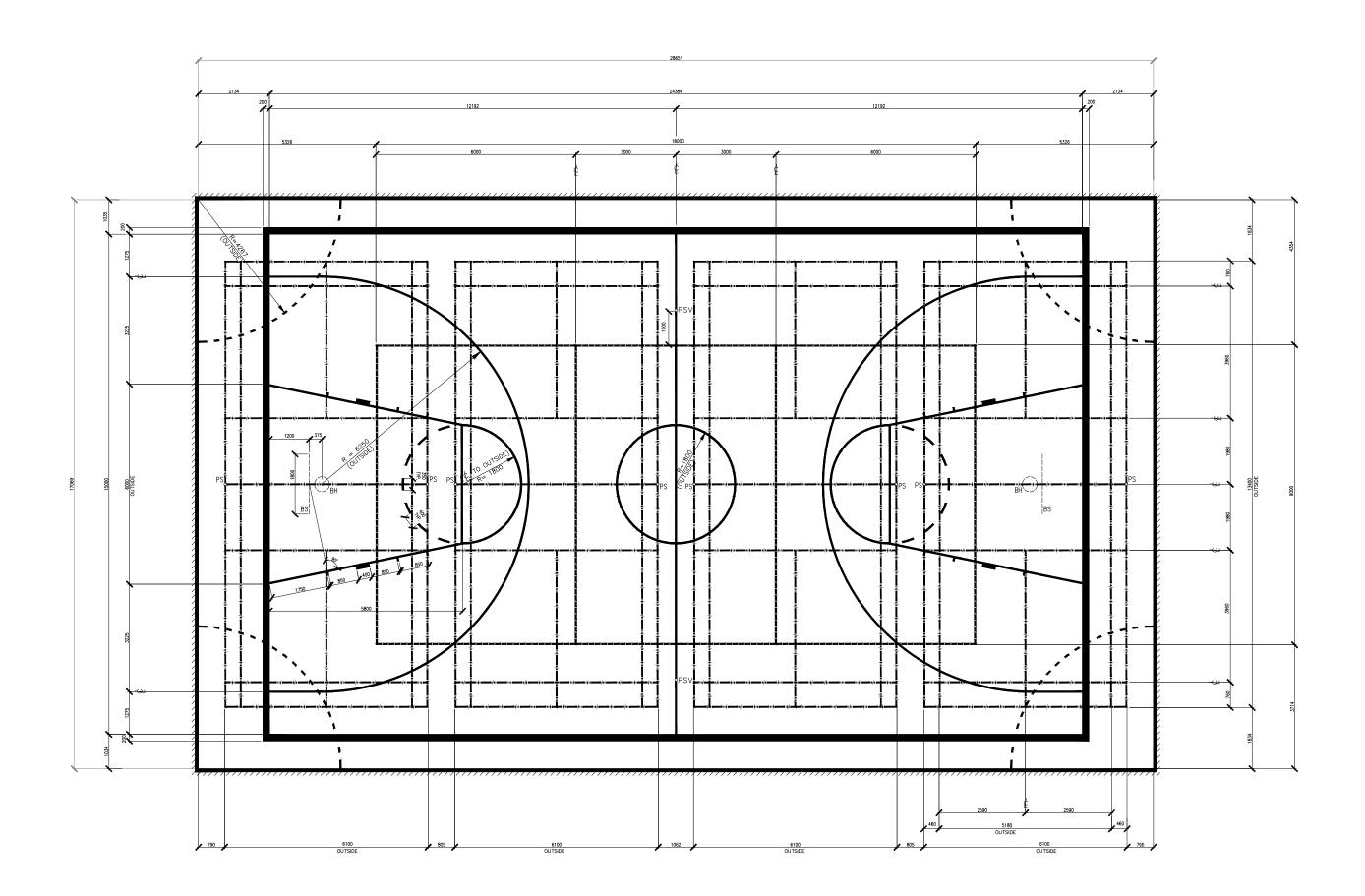
A - Detail No. B - Drawing No. В

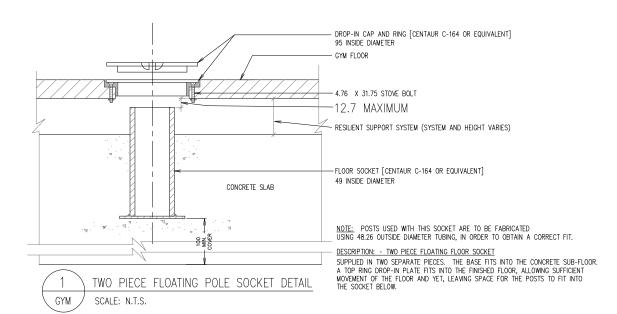
GYMNASIUM FLOOR LAYOUT

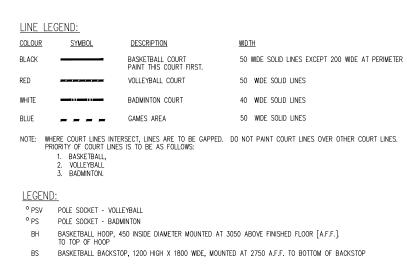
ELEMENTARY GYM

65'-0" X 50'-0" AREA = 3250 Sq. Ft.

1 : 50 May 10 2001 DRAWN BY CHECKED APPROVED DEPT. APPROVAL SEAL DEPT. PROJECT NO. DRAWING NO. CONSULTANT'S NO. GL 1







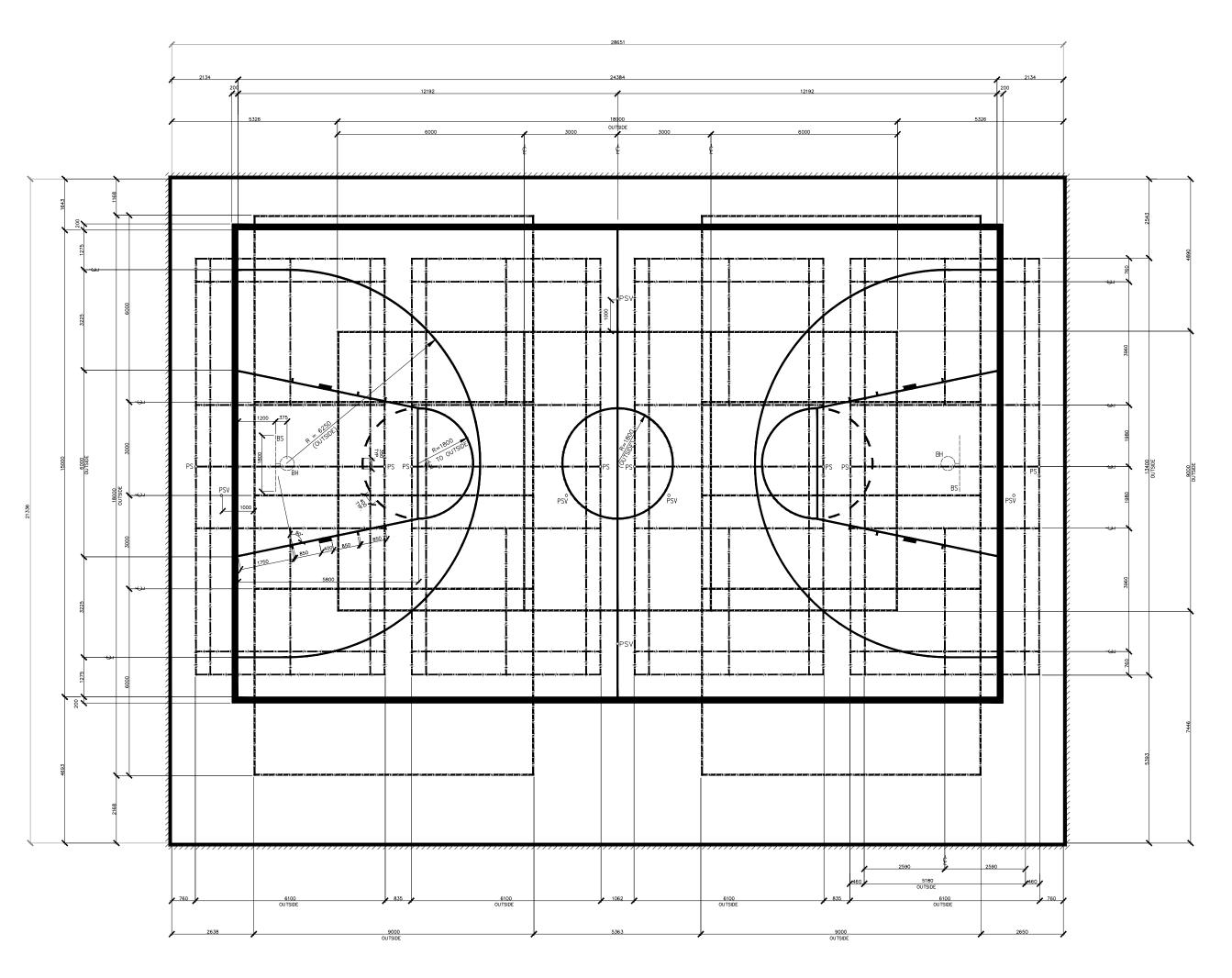
- 1. NOTE THAT DIMENSIONS MAY BE TO CENTERLINE OF COURT MARKING, OR TO OUTSIDE OF LINE AS INDICATED ON THE DRAWING.
- 2. BADMINTON POLE SOCKETS ARE TO BE CENTERED ON THE OUTSIDE LINE OF THE DOUBLE COURT.
- 3. VOLLEYBALL POLE SOCKETS ARE TO BE SET MINIMUM 1000 OUTSIDE OF THE LINE OF THE COURT.
- 4. REFER TO TWO PIECE FLOATING FLOOR SOCKET DETAIL FOR POLE SOCKET INSTALLATION CRITERIA.
- 5. COURT SIDELINE CLEARANCES ASSUME CLEAR AREA OF OVERALL DIMENSIONS INDICATED ON PLAN WITH NO INTRUSIONS INTO THE SPACE.

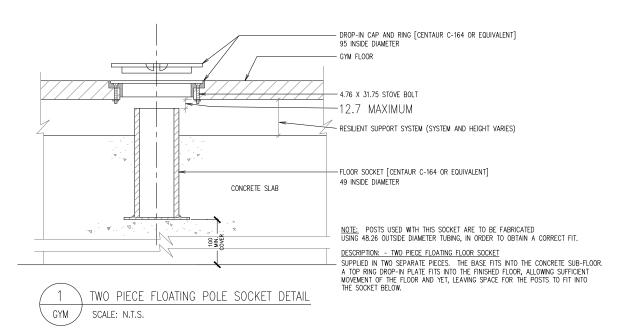
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE
 MINIMUM RUNOFF SPACE AT ENDS OF BASKETBALL COURT TO BE 1524.



KEY PLAN

REVISIONS				DATE		
A - Detail No. B - Drawing No.						
PROJECT						
GYMNASIUM	FLOOR	LAYOU	Т			
DRAWING						
ELEMENTARY G	SYM					
94'-0" X 56'- AREA = 5264	-0" Sq. Ft.					
SCALE		DATE				
1 : 50		May 10 2001				
DRAWN BY	CHECKED		REVIEWE)		
jji						
APPROVED		DEPT. APPF	ROVAL			
CEAL		CEN				
SEAL		SEAL				
DEPT. PROJECT NO.		DRAWING N	0.			
CONSULTANT'S NO.						
_ 5.100E/WHI O NO.			L	2		
TENDER NO.		G	·L	~		





LINE LEGEND: COLOUR SYMBOL DESCRIPTION **WDTH** BLACK BASKETBALL COURT PAINT THIS COURT FIRST. 50 WIDE SOLID LINES EXCEPT 200 WIDE AT PERIMETER RED VOLLEYBALL COURT (MAIN COURT) 50 WIDE SOLID LINES BLUE VOLLEYBALL COURT (CROSS COURT) 50 WIDE SOLID LINES WHITE BADMINTON COURT 40 WIDE SOLID LINES NOTE: WHERE COURT LINES INTERSECT, LINES ARE TO BE GAPPED. DO NOT PAINT COURT LINES OVER OTHER COURT LINES. PRIORITY OF COURT LINES IS TO BE AS FOLLOWS:

1. BASKETBALL,
2. VOLLEYBALL (MAIN COURT) VOLLEYBALL (CROSS COURT)
 BADMINTON. LEGEND: ° PSV POLE SOCKET - VOLLEYBALL ° PS POLE SOCKET - BADMINTON BH BASKETBALL HOOP, 450 INSIDE DIAMETER MOUNTED AT 3050 ABOVE FINISHED FLOOR [A.F.F.]. TO TOP OF HOOP BS BASKETBALL BACKSTOP, 1200 HIGH X 1800 WIDE, MOUNTED AT 2750 A.F.F. TO BOTTOM OF BACKSTOP NOTES: 1. NOTE THAT DIMENSIONS MAY BE TO CENTERLINE OF COURT MARKING, OR TO OUTSIDE OF LINE AS INDICATED ON THE DRAWING. 2. BADMINTON POLE SOCKETS ARE TO BE CENTERED ON THE OUTSIDE LINE OF THE DOUBLE COURT 3. VOLLEYBALL POLE SOCKETS ARE TO BE SET MINIMUM 1000 OUTSIDE OF THE LINE OF THE COURT. REFER TO TWO PIECE FLOATING FLOOR SOCKET DETAIL FOR POLE SOCKET INSTALLATION CRITERIA.

COURT SIDELINE CLEARANCES ASSUME CLEAR AREA OF OVERALL DIMENSIONS INDICATED ON PLAN WITH NO INTRUSIONS INTO THE SPACE.

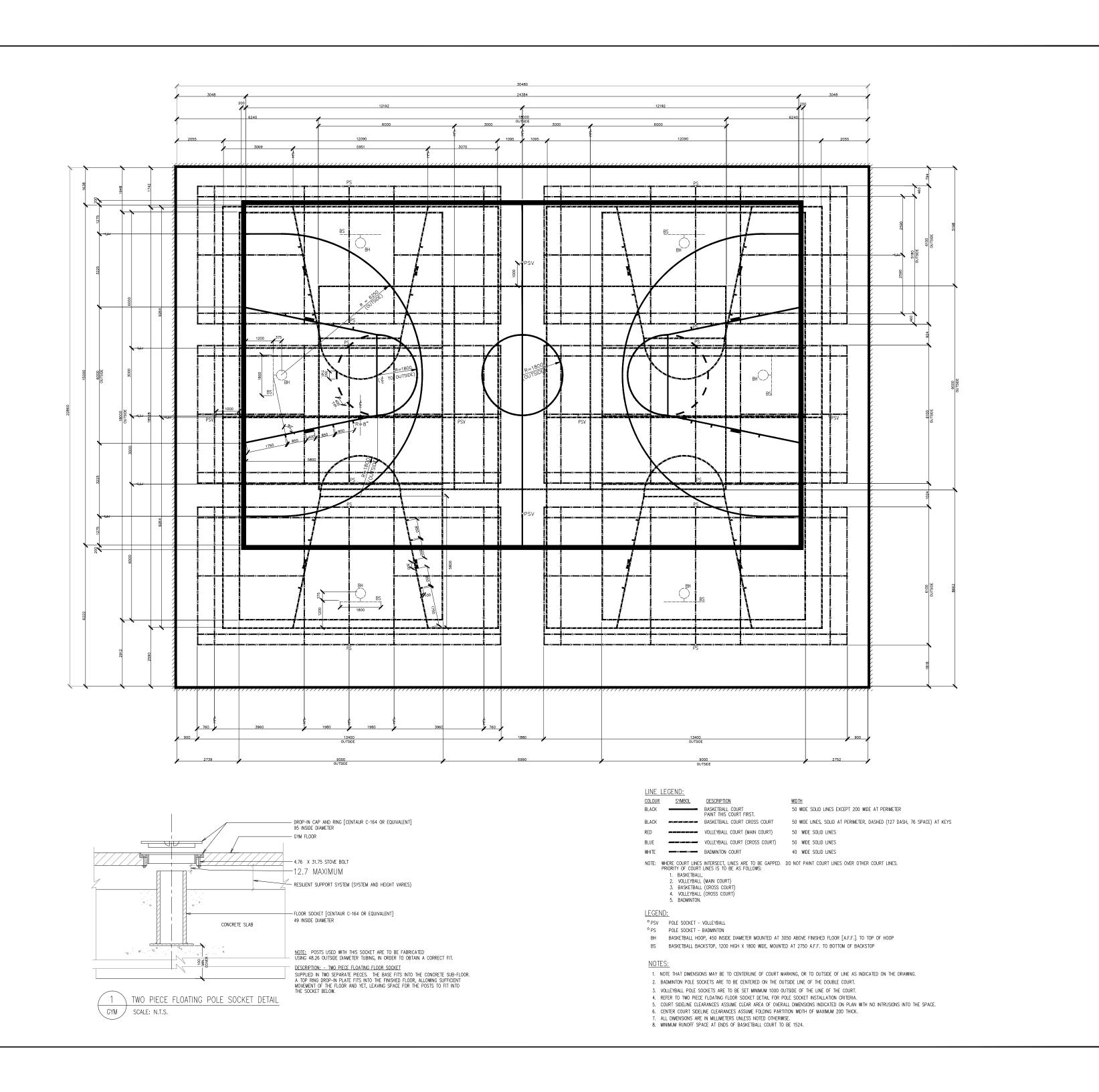
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

MINIMUM RUNOFF SPACE AT ENDS OF BASKETBALL COURT TO BE 1524.



KEY PLA

REVISIONS				DATE
l	A — Detail N B — Drawing			
PROJECT				
GYMNASIUM	FLOOR	LAYOU	T	
DRAWING				
JUNIOR HIGH SINGLE STATIO 94'-0" X 70' 6580 Sq. Ft.	N	E GYM		
SCALE		DATE		
1 : 50		May 1	0 2001	
DRAWN BY jjl	CHECKED		REVIEWED	
APPROVED		DEPT. APPF	ROVAL	
SEAL		SEAL		
DEPT. PROJECT NO.		DRAWING N	0.	
CONSULTANT'S NO. TENDER NO.		G	ίL	3





KEY PLAN

REVISIONS DATE

A - Detail No.
B - Drawing No.

PROJECT

GYMNASIUM FLOOR LAYOUT

DRAWING

JUNIOR HIGH / MIDDLE GYM

DOUBLE STATION

100.00' X 75.00'

AREA = 7500 Sq. Ft.

SCALE

1 : 50

DATE

May 10 2001

DRAWIN BY

jiji

APPROVED

DEPT. APPROVAL

SEAL

SEAL

DEPT. PROJECT NO.

DRAWING NO.

CONSULTANT'S NO.

TENDER NO.

