

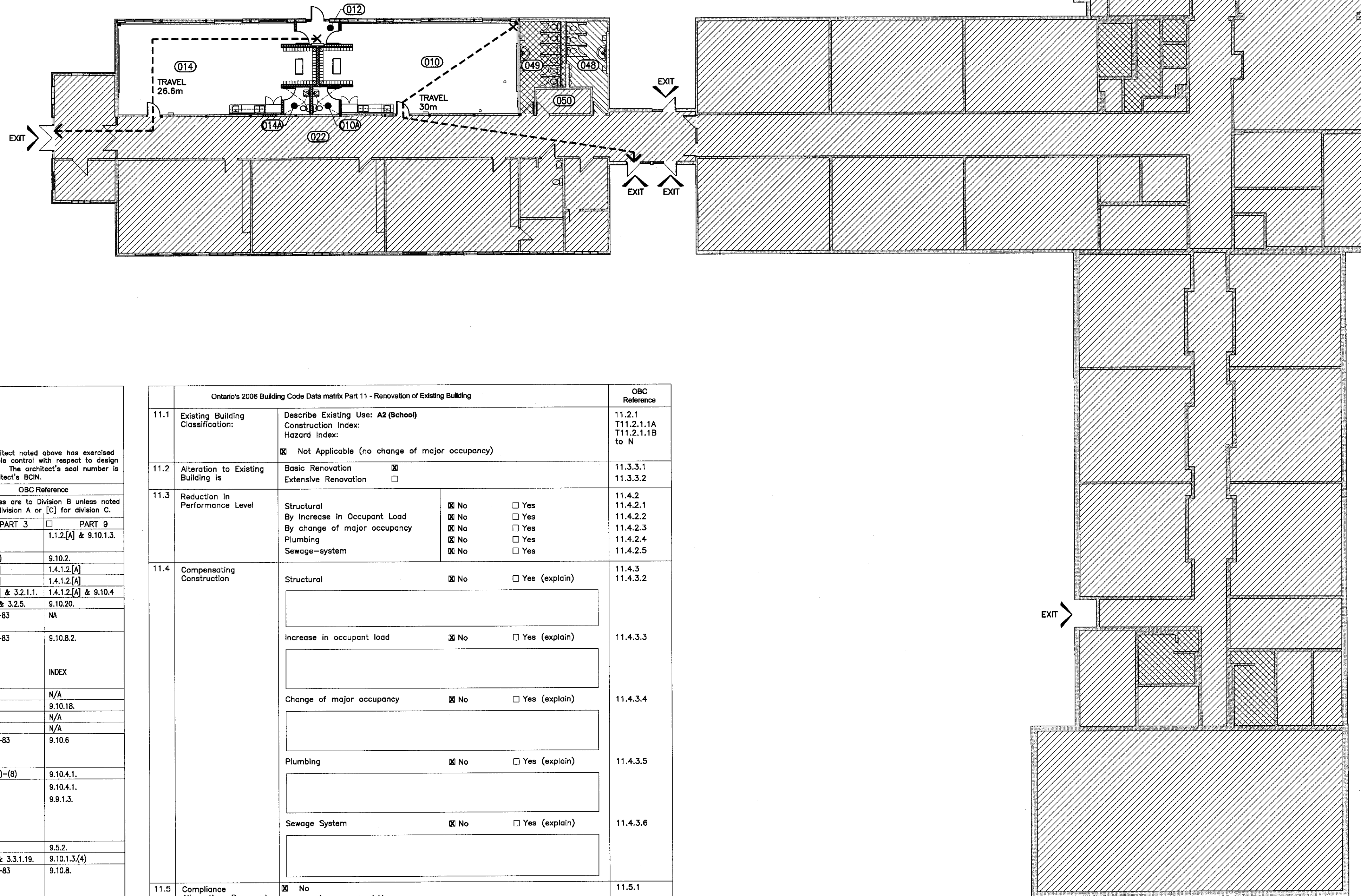
ROOM LEGEND

- 010 KINDERGARTEN CLASSROOM
 010g WASHROOM
 012 VESTIBULE
 014 KINDERGARTEN CLASSROOM
 014g WASHROOM
 022 CORRIDOR
 048 BOY'S WASHROOM
 049 GIRL'S WASHROOM
 050 STORAGE

O.B.C. LEGEND

- TRAVEL → TRAVEL DISTANCE < ---.0m
 (max. permitted =30m)
- EXIT → EXITS FOR TRAVEL DISTANCE COMPLIANCE HAVE BEEN SHOWN TO PRINCIPAL BUILDING EXITS, RATHER THAN TO NEW CONVENIENCE DOOR TO OUTDOOR KINDERGARTEN PLAY AREAS

HATCHED AREA DENOTES EXISTING WASHROOM

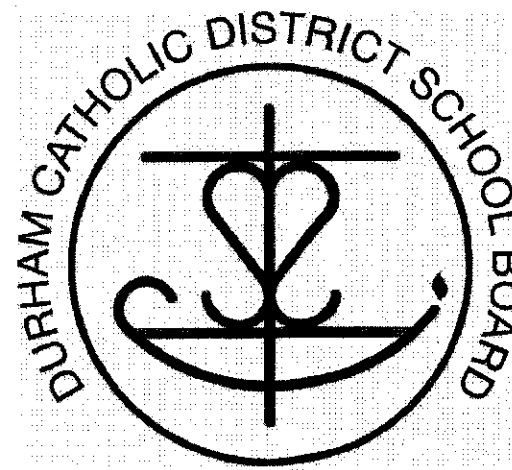


Firm Name: WalterFedy 675 Queen St. S., Suite 111 Kitchener, Ontario N2M 1A1 Name of Project: ST. CHRISTOPHER CATHOLIC SCHOOL Location: 431 Annapolis Avenue, Oshawa, ON		The architect noted above has exercised responsible control with respect to design activities. The architect's seal number is the architect's BCIN.	
Item Ontario's 2006 Building Code Data matrix Part 3 or 9		OBC Reference References are to Division B unless noted [A] for division A or [C] for division C.	
1	Project Description <input type="checkbox"/> New <input type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Change of Use	<input checked="" type="checkbox"/> PART 11 11.1 to 11.4	<input type="checkbox"/> PART 3 1.1.2[A] <input type="checkbox"/> PART 9 1.1.2[A] & 9.10.1.3.
2	Major Occupancy(s) Group A, Division 2 (ELEMENTARY SCHOOL)	3.1.2.1.(1)	9.10.2.
3	Building Area Sq.Ft.(m²) Existing 2837 m² New 0 m² Total 2837 m²	1.4.1.2.[A]	1.4.1.2.[A]
4	Gross Area Sq.Ft.(m²) Existing 2837 m² New 0 m² Total 2837 m²	1.4.1.2.[A]	1.4.1.2.[A]
5	Number of Storeys Above grade 1 storey Below grade N/A	1.4.1.2.[A] & 3.2.1.1.	1.4.1.2.[A] & 9.10.4.
6	Number of Streets/Fire Fighter Access Two	3.2.2.10 & 3.2.5.	9.10.20.
7	Building Classification N/A PER 11.2.1.1.(3)	3.2.2.20.-83	N/A
8	Sprinkler System Proposed <input type="checkbox"/> entire building <input type="checkbox"/> selected compartments <input type="checkbox"/> selected floor areas <input type="checkbox"/> basement <input type="checkbox"/> in lieu of roof rating <input checked="" type="checkbox"/> not required EXISTING TO REMAIN	3.2.2.20.-83 3.2.1.5. 3.3.1. 3.2.2.17.	9.10.8.2. INDEX
9	Standpipe required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.9.	N/A
10	Fire Alarm Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.4.	9.10.18.
11	Water Service/Supply is Adequate <input type="checkbox"/> Yes <input type="checkbox"/> No N/A	3.2.5.7.	N/A
12	High Building <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.6.	N/A
13	Construction Restrictions <input type="checkbox"/> Combustible permitted <input type="checkbox"/> Combustible <input type="checkbox"/> Non-combustible <input checked="" type="checkbox"/> Both	3.2.2.20.-83	9.10.6
14	Actual Construction <input type="checkbox"/> Combustible <input type="checkbox"/> Non-combustible <input checked="" type="checkbox"/> Both	3.2.1.1.(3)-(8)	9.10.4.1.
15	Occupant Load based on <input type="checkbox"/> m²/person <input checked="" type="checkbox"/> design of building	3.1.17.	9.9.1.3.
16	Barrier-free Design <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain) EXISTING TO REMAIN	3.8.	9.5.2.
17	Hazardous Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.2. & 3.3.1.19.	9.10.1.3.(4)
18	Required Fire Resistance Rating (FRR) Horizontal Assemblies FRR (Hours) Floors N/A Hours Roof N/A mins Mezzanine N/A Hours FRR of Supporting Members Floors N/A Hours Roof N/A mins Mezzanine N/A Hours	Listed Design No. or Description (SB-2) 3.2.2.20.-83 3.2.2.7	9.10.8.
19	Spatial Separation: N/A EXISTING TO REMAIN Wall Area of EBF (m²) L.D. (m) L/H or H/L Permitted Max. % of Openings Proposed % of Openings FRR (Hours) Listed Design or Description Comb Const Comb. Constr. Noncomb. Cladding Non-Comb. Constr.	3.2.3.	9.10.14.
20	Plumbing Fixtures MALE: 16 + 2 UNISEX = 18 Male x 30 = 540 OCCUPANT LOAD FEMALE: 15 + 2 UNISEX = 17 Female x 26 = 442 OCCUPANT LOAD TOTAL OCCUPANT LOAD 982 SUPPORTED BY EXISTING PLUMBING FIXTURES		
21	Summary ALL NEW CONSTRUCTION SHALL BE NON-COMBUSTIBLE		

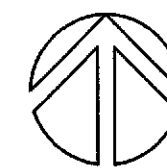
Ontario's 2006 Building Code Data matrix Part 11 - Renovation of Existing Building		OBC Reference
11.1	Existing Building Classification: Describe Existing Use: A2 (School) Construction Index: Hazard Index: <input checked="" type="checkbox"/> Not Applicable (no change of major occupancy)	11.2.1 T11.2.1.1A T11.2.1.1B to N
11.2	Alteration to Existing Building is Basic Renovation <input checked="" type="checkbox"/> Extensive Renovation <input type="checkbox"/>	11.3.3.1 11.3.3.2
11.3	Reduction in Performance Level Structural By Increase in Occupant Load By change of major occupancy Plumbing Sewage-system <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2 11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5
11.4	Compensating Construction Structural <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (explain) Increase in occupant load <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (explain) Change of major occupancy <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (explain) Plumbing <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (explain) Sewage System <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (explain)	11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6
11.5	Compliance Alternatives Proposed <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (give number(s))	11.5.1
11.6	Alternative Measures Proposed <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (give number(s))	11.5.2

BUILDING PERMIT FEE

AREA OF RENOVATION = 255 SQ. M.
 PERMIT FEE = \$9.57/SQ. M.
 TOTAL = \$2440.35



true north



project north

date	issued
2013.01.21	ISSUED FOR INTERIM COST ESTIMATE
2013.02.08	ISSUED FOR CLIENT REVIEW
2013.02.20	ISSUED FOR 80% PRE-TENDER COSTING
2013.03.08	ISSUED FOR OWNER REVIEW
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
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customer
DURHAM CATHOLIC DISTRICT SCHOOL BOARD (DCDSB)
 650 Rossland Rd. W., Oshawa, ON

project
DURHAM CATHOLIC DSB - YEAR 4 FDK KINDERGARTEN RENOVATION
 DCDSB - TENDER NO. T13-02

title
St. Christopher Catholic School
ONTARIO BUILDING CODE ANALYSIS PLAN

WALTERFEDY

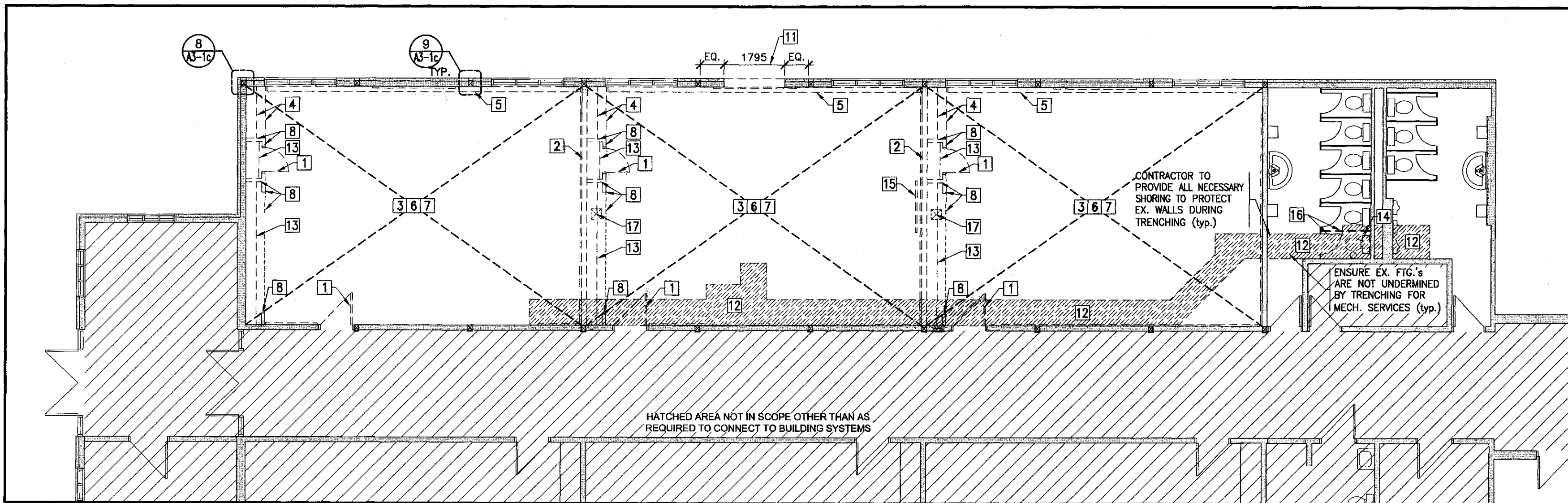
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 Kitchener, Ontario, Canada N2M 1A1
 T 519.576.2150 F 519.576.5499
 walterfedy.com

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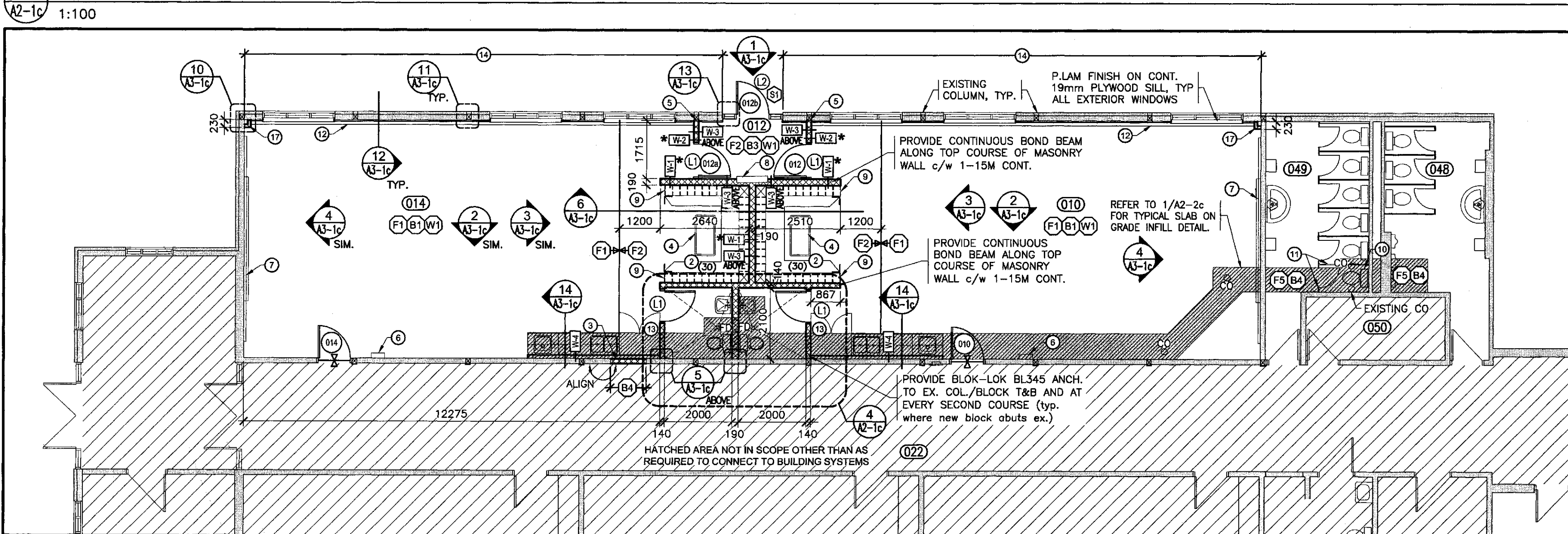
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drawn by: CE	
checked by:	

A1-2c

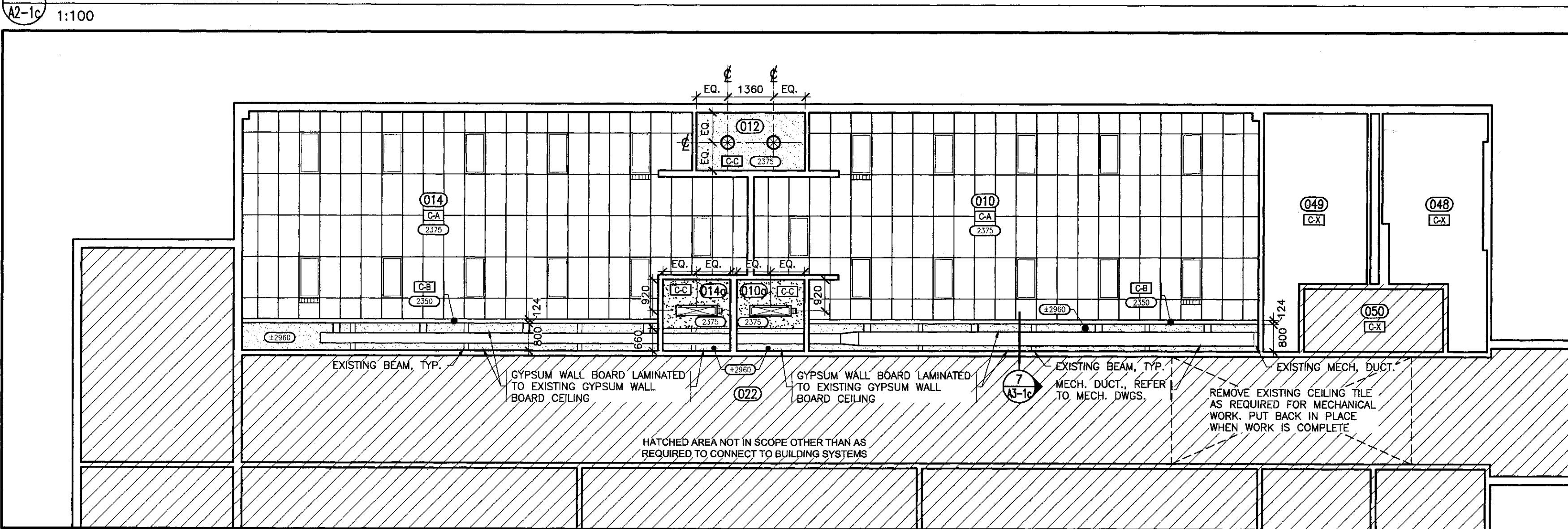
SC-0009



1 PARTIAL GROUND FLOOR DEMOLITION PLAN



2 PARTIAL GROUND FLOOR PLAN



3 PARTIAL GROUND FLOOR REFLECTED CEILING PLAN

DEMOLITION NOTES

- EXISTING DOOR TO BE REMOVED C/W FRAME AND RELATED HARDWARE.
- EXISTING MASONRY WALL ASSEMBLY TO BE REMOVED FULL HEIGHT. COORDINATE WITH ELECTRICAL AND MECHANICAL TRADES FOR REMOVAL OF EX. SERVICES EFFECTED. PROVIDE TEMPORARY SHORING AS REQUIRED TO MAKE SAFE.
- REMOVE AND DISPOSE OF EXISTING VCT FLOORING. CLEAN REMAINING SUBSTRATE, TO ACCEPT PROPOSED FLOOR FINISH, FREE FROM ALL ADHESIVES.
- EXISTING MILLWORK TO BE REMOVED. COORDINATE WITH MECHANICAL AND ELECTRICAL DWGS. FOR REMOVAL/TEMPORARY SUPPORT OF EX. SERVICES WITHIN.
- REMOVE AND DISPOSE OF EXISTING MECHANICAL CONVEYOR/RADIATOR AND ASSOCIATED PLUMBING. COORDINATE WITH MECHANICAL DWGS. FOR ADDITIONAL SCOPE.
- REMOVE EXISTING BLACKBOARDS/TACKBOARDS. RETURN TO OWNER.
- REMOVE AND DISPOSE OF EXISTING RUBBER BASE COMPLETE. CLEAN REMAINING SUBSTRATE FREE FROM ALL ADHESIVES.
- REMOVE AND DISPOSE OF EXISTING WOOD PANEL & STUD WALL FULL HEIGHT. COORDINATE WITH MECHANICAL AND ELECTRICAL DWGS. FOR REMOVAL OF EX. SERVICES EFFECTED.
- REMOVE AND DISPOSE OF EXISTING TERRAZZO BASE.
- RESERVED
- PORTION OF EXISTING EXTERIOR MASONRY WALL TO BE REMOVED TO FACILITATE INSTALLATION OF DOOR AND SCREEN. ROUGH OPENING TO BE THE WIDTH SHOWN ON DWG. BY ±7"-2" HIGH (FULL BLOCK COURSE) FROM FINISHED FLOOR LEVEL. COORDINATE WITH MECHANICAL AND ELECTRICAL DWGS. FOR REMOVAL/RELOCATION OF ANY SERVICES WITHIN WALL. CONTRACTOR TO DESIGN, SUPPLY, AND INSTALL TEMPORARY SHORING FOR EX. STRUCTURE AND MASONRY AS REQUIRED FOR INSTALLATION OF LINTELS IN EX. MASONRY WALL.
- DENOTES PORTION OF CONC. SLAB TO BE SAW CUT AND REMOVED TO FACILITATE MECHANICAL WORK. CO-ORDINATE WITH MECHANICAL TRADE ON EXTENT.
- REMOVE AND DISPOSE OF WOOD SHELF AND COAT HOOKS
- CAREFULLY REMOVE EXISTING TOILETS AND STORE, PROTECTED, ON SITE FOR RE-INSTALLATION. TEMPORARILY CAP SERVICES.
- REMOVE EXISTING SMART BOARD AND RETURN TO OWNER.
- CAREFULLY REMOVE EXISTING WASHROOM PARTITIONS AND STORE, PROTECTED, ON SITE FOR RE-INSTALLATION.
- SAW CUT AND REMOVE PORTION OF EXISTING WOOD ROOF DECK AND EXISTING ROOF ASSEMBLY TO ALLOW INSTALLATION OF MECH. DUCT CO-ORDINATE OPENING LOCATION AND SIZE WITH MECH. TRADE

ROOM LEGEND

- 010 KINDERGARTEN CLASSROOM
- 010a WASHROOM
- 012 VESTIBULE
- 014 KINDERGARTEN CLASSROOM
- 014a WASHROOM
- 022 CORRIDOR
- 048 BOY'S WASHROOM
- 049 GIRL'S WASHROOM
- 050 STORAGE

WALL LEGEND

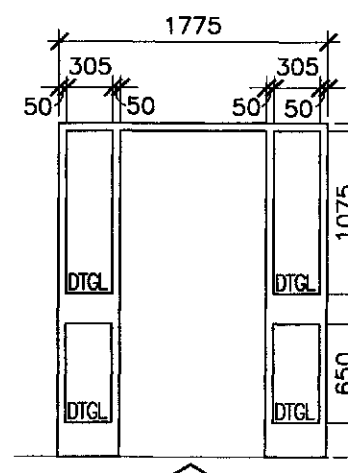
- W-1 -190mm LWT. CONC. BLOCK
- W-2 -140mm LWT. CONC. BLOCK
- W-3 -16mm GYPSUM WALL BOARD -92mm METAL STUDS @ 400mm o.c. -16mm GYPSUM WALL BOARD
- W-4 -16mm ABUSE RESISTANT GYPSUM BOARD -92mm METAL STUDS @ 400mm o.c.

HEIGHT TO MATCH TOP OF MILLWORK WALL CABINET. PROVIDE BLOCKING AS REQUIRED TO SUPPORT MILLWORK. END OF WALL TO BE COVERED BY MILLWORK END GABLE

1. ALL WALLS EXTEND TO U/S STRUCTURAL DECK UNLESS OTHERWISE NOTED

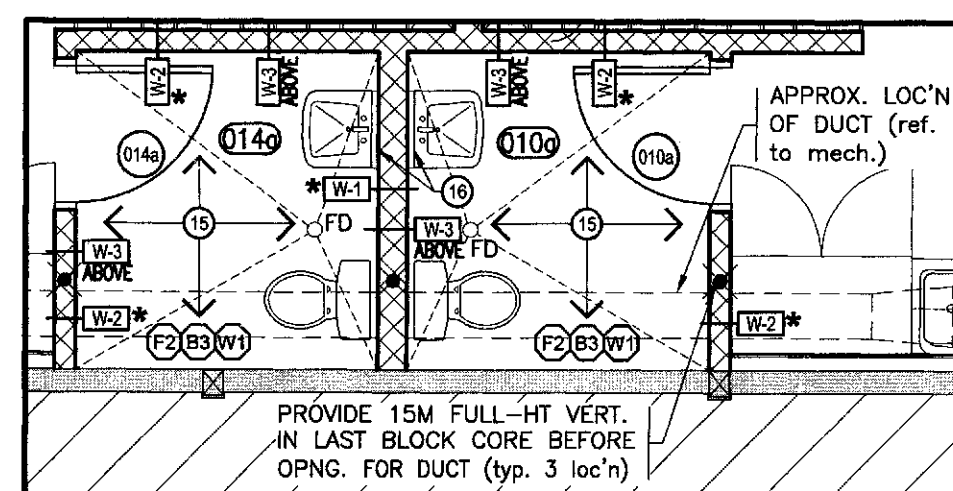
* INDICATES WALL TO EXTEND TO UNDERSIDE OF EXISTING BEAM (±2590mm)

SCREEN ELEVATION



CEILING LEGEND

- CA -610mmx1220mm ACOUSTIC CEILING TILE -METAL T-BAR SUSPENSION SYSTEM
- CB -16mm GYPSUM WALL BOARD -92mm METAL STUDS @ 400mm o.c. -16mm GYPSUM WALL BOARD
- CC -16mm GYPSUM WALL BOARD -22mm METAL FURRING CHANNEL @ 400mm o.c. -64mm METAL CARRYING CHANNEL @ 400mm o.c.
- CX -EXISTING CEILING TO REMAIN



4 ENLARGED WASHROOM PLAN

GENERAL NOTES - DEMOLITION

- REFER TO HAZARDOUS MATERIALS ASSESSMENT REPORT PRIOR TO DEMOLITION/REMOVAL OF ANY INTERIOR OR EXTERIOR MATERIAL. ORIGINAL REPORT AND SUBSEQUENT UPDATES ARE REFERENCED IN SPECIFICATION SECTION 00 51 00
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE AND MAKE MODIFICATIONS TO SUIT EXISTING SITE CONDITIONS
- CARRY OUT ALL DEMOLITION, REMOVAL AND DISPOSAL IN ACCORDANCE WITH APPLICABLE PROVINCIAL AND LOCAL REGULATIONS.
- EXECUTE DEMOLITION IN AN ORDERLY AND CAREFUL MANNER WITH DUE CONSIDERATION FOR ADJACENT STRUCTURES AND FINISHES.
- CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR, AND MAKE GOOD ALL DAMAGE TO ADJACENT FINISHED SURFACES AND ASSEMBLIES.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO GUARD AGAINST MOVEMENT OR SETTLEMENT OF THE REMAINING STRUCTURE, INCLUDING ALL NECESSARY BRACING OR SHORING THAT IS REQUIRED.
- ALL DEMOLITION DEBRIS TO BE DISPOSED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
- REFER TO MECHANICAL AND ELECTRICAL SPECIFICATION DRAWINGS OR DEMOLITION NOTES FOR DETAILS OF SCOPE OF MECHANICAL AND ELECTRICAL DEMOLITIONS.
- LOCATE AND DISCONNECT, CAP AND PLUG ALL GAS, WATER, SEWER, HYDRO, TELEPHONE AND OTHER SERVICES AS REQUIRED.
- CONTRACTOR TO ENSURE ALL EXIT SIGNAGE TO REMAIN AS INSTALLED AND ENSURE FIXTURES ARE OPERATIONAL. CONTRACTOR TO PROVIDE RE-SUPPORT AS REQUIRED.
- CONTRACTOR TO ENSURE ALL EMERGENCY LIGHT FIXTURES CONNECTED TO REMAIN ALONG EGRESS ROUTES.
- CONTRACTOR TO MAINTAIN BATTERY POWERED CEILING RECESSED LIGHTING HEADS AND PROVIDE RE-SUPPORT AS REQUIRED.
- CONTRACTOR TO PROTECT AND SUPPORT ALL EXISTING HEAT AND SMOKE DETECTORS DURING DEMOLITION. COORDINATE ANY NECESSARY REMOVALS WITH THE PROJECT MANAGER AND FIRE ALARM CONTRACTOR.

DRAWING NOTES:

- DENOTES AREA OF CONC. FLOOR INFILL PATCH AND MAKE LEVEL TO SUIT FLOOR FINISH.
- CUBBIES (QUANTITY SHOWN ON DWG.), REFER TO DETAIL 2/SD-2.
- INFILL OPENING WITH CONCRETE BLOCK TO MATCH EXISTING. ALIGN WITH FACE OF EXISTING CONCRETE BLOCK WALL.
- WOOD BENCH, REFER DETAIL 1/SD-2
- CENTRE WALL ON COLUMN
- CONTROL PANEL, REFER TO DETAIL 1/SD-1 FOR CONSTRUCTION. REFER TO ELECTRICAL DWGS. FOR DEVICES.
- TEACHING WALL: (2) 1830mmx1200mm WHITEBOARD BETWEEN (2) 1200mmx1200mm TACK BOARDS.
- SEMI-RECESSED (100mm) FORCE FLOW HEATER, REFER TO MECH. DWGS.
- FULL HEIGHT BIRCH PLYWOOD GABLE, FINISH TO MATCH CUBBIES
- RE-INSTALLED TOILET
- RE-INSTALLED WASHROOM PARTITION
- WALL FIN, REFER TO MECH. DWGS.
- (2) 600 WIDE x 2135 HIGH WOOD DOORS C/W LOCKSET (KEYED ALIKE WITH CLASSROOM DOOR). CONTRACTOR TO CO-ORDINATE WITH MILLWORK CONTRACTOR.
- 16mm GYPSUM WALL BOARD ON 22mm METAL FURRING CHANNELS @ 600mm o.c.
- TOILET TISSUE DISPENSERS, PAPER TOWEL DISPENSERS, AND WASTER RECEPTACLES PROVIDED AND INSTALLED BY OWNER (NIC)
- MIRROR BY SECTION 08 80 00 - GLAZING
- 90mm CONC. BLOCK CHASE, PROVIDE 100mm CLEAR WIDTH.

PROPOSED DOOR

EXISTING DOOR

FD FLOOR DRAIN

CO CLEAN OUT

CEILING SYMBOLS:

- RECESSED FLUORESCENT LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS FOR SIZE AND TYPE
- SUSPENDED/SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS FOR SIZE AND TYPE
- RECESSED POT LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS FOR SIZE AND TYPE
- SUPPLY AIR DIFFUSER, REFER TO MECHANICAL DRAWINGS FOR SIZE AND TYPE
- RETURN AIR GRILLE, REFER TO MECHANICAL DRAWINGS FOR SIZE AND TYPE
- UNDERSIDE OF FINISH CEILING



KEY PLAN



true north



project north

date	issued
2013.01.21	ISSUED FOR INTERIM COST ESTIMATE
2013.02.08	ISSUED FOR CLIENT REVIEW
2013.02.20	ISSUED FOR 80% PRE-TENDER COSTING
2013.03.08	ISSUED FOR OWNER REVIEW
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
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DURHAM CATHOLIC DISTRICT SCHOOL BOARD (DCDSB)
650 Rossland Rd. W., Oshawa, ON

DURHAM CATHOLIC DSB - YEAR 4 FDK KINDERGARTEN RENOVATION
DCDSB - TENDER NO. T13-02

St. Christopher Catholic School
PARTIAL GROUND FLOOR DEMOLITION PLAN, FLOOR PLAN, AND REFLECTED CEILING PLAN

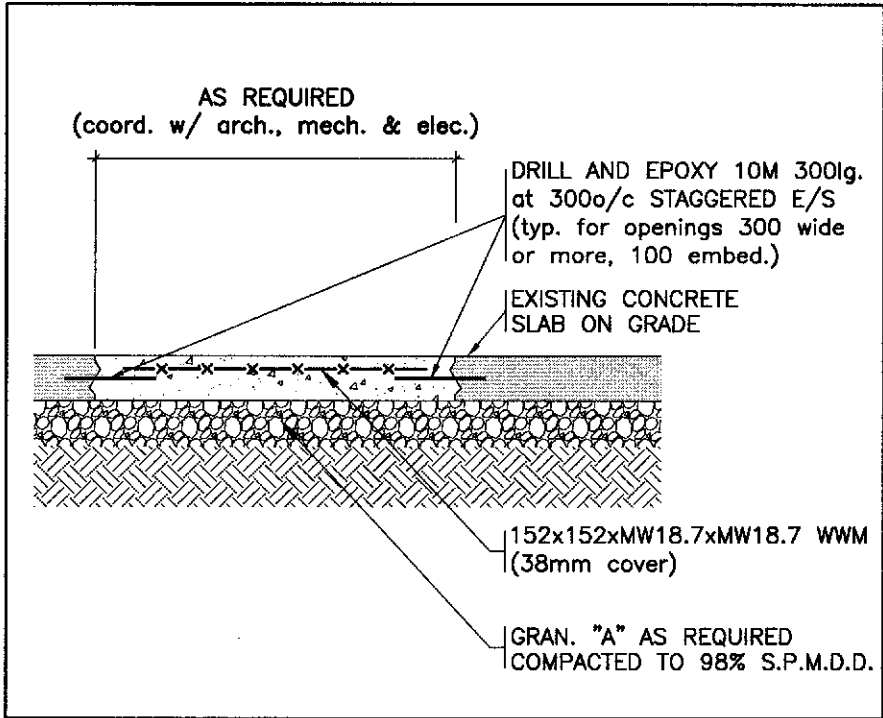
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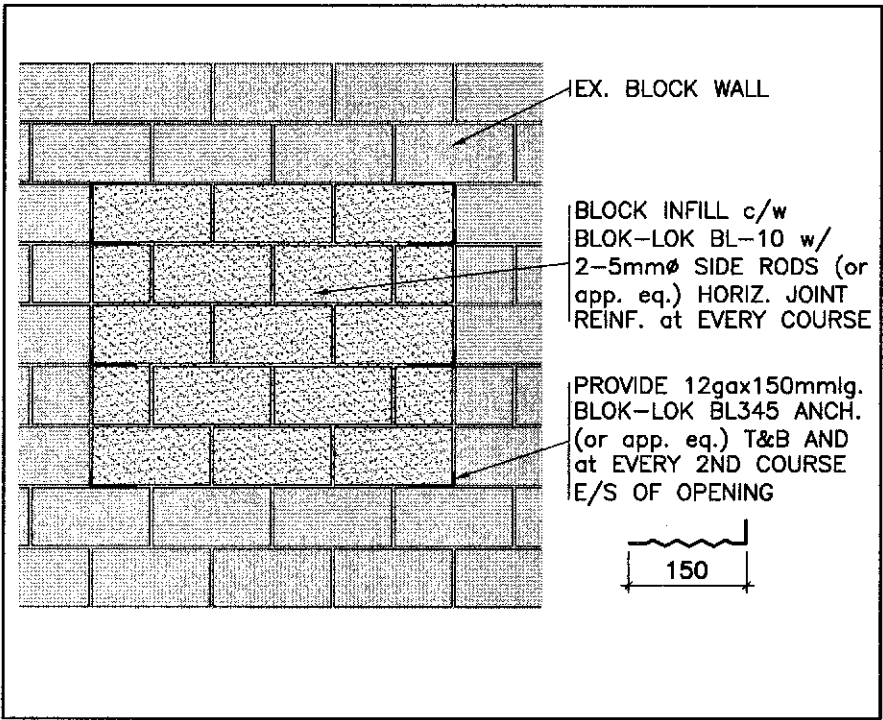
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job no.: 2012-0265-10	
CAD file: A2-1_2012-0265-10(ST.CHR)	
drawn by: CE	
checked by:	

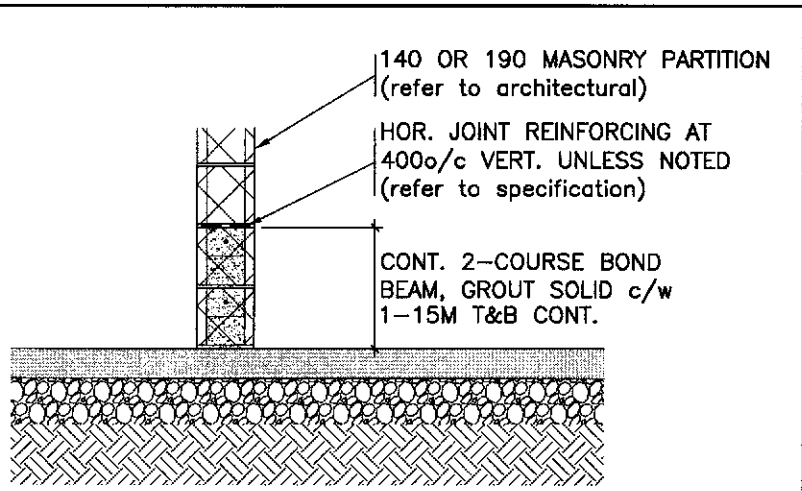
A2-1c



1 TYPICAL SLAB ON GRADE REPAIR
A2-2c 1:25



3 BLOCK OPENING INFILL
A2-2c 1:25



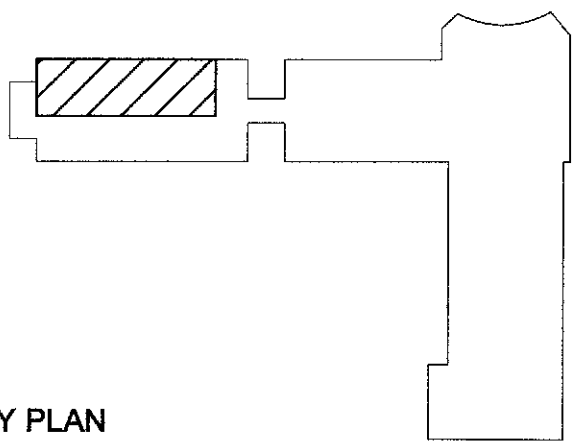
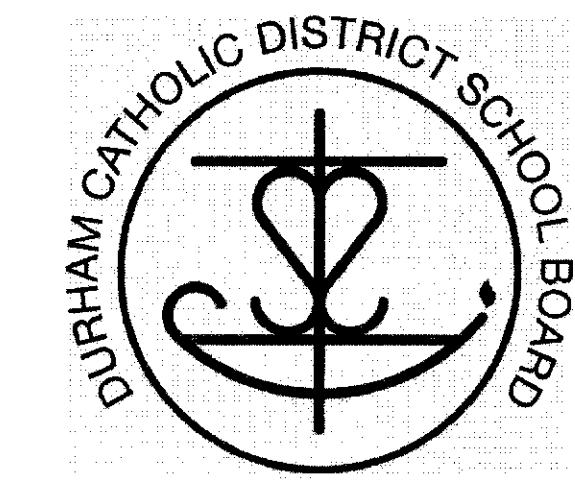
INTERIOR NON-LOAD BEARING WALLS ON EXISTING CONCRETE SLAB ON GRADE

2 BLOCK PARTITION ON EX. SLAB
A2-2c 1:25

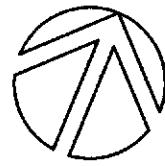
LINTEL SCHEDULE			
MARK	WALL	MAX. SPAN	LINTEL
L1	140 BLOCK	1200	2-L89x64x6.4
L2	EX. WALL ASSEMBLY	1800	W200x15 + 6.4mm Pl. + L127x89x7.9 GALV.

NOTES:
1. THE FIRST DIMENSION SHOWN ON STEEL ANGLES IS VERTICAL.
2. MINIMUM BEARING FOR LINTELS SHALL BE 150mm U/N.
3. FOR LINTELS ABUTTING STEEL COLUMNS, PROVIDE L89x89x9.5 SHELF ANGLES WELDED TO COLUMNS.
4. ALL EXPOSED STEEL LINTELS TO BE HOT DIPPED GALVANIZED.
5. PROVIDE ALL LINTELS REQUIRED BY MECHANICAL AND ELECTRICAL TRADES. MAXIMUM SPAN ON THIS SCHEDULE SHALL GOVERN ALL OPENINGS THRU MASONRY WALLS U/N.

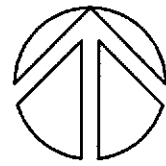
- STRUCTURAL NOTES:
- MATERIALS
 - CONCRETE: CONFORM TO THE REQUIREMENTS OF CAN/CSA-A23.3. REFER TO SPECIFICATION FOR CONCRETE COMPRESSIVE STRENGTH.
 - REINFORCEMENT: CONFORM TO CSA G30 SERIES, $F_y=400MPa$.
 - STRUCTURAL STEEL: CONFORM TO CSA G40.20/G40.21, GRADE 300W.
 - STRUCTURAL STEEL
 - ALL WELDING SHALL CONFORM TO CSA-W59 AND BE PERFORMED BY A FABRICATOR CERTIFIED BY THE CANADIAN WELDING BUREAU TO C.S.A. W47.1 STANDARDS.
 - REMOVE PAINT AND FIRESPRAY ON STEEL SURFACES TO BE WELDED BEFORE MAKING WELDS, RESTORE AFTER WELDING.
 - ALL STEEL SHALL BE PRIMED WITH STRUCTURAL STEEL PRIMER U/N
 - MASONRY
 - ALL MASONRY CONSTRUCTION SHALL CONFORM TO CSA A371.
 - PROVIDE A MINIMUM OF 150mm BEARING ON MASONRY WALLS FOR STEEL LINTELS AND BEAMS UNLESS NOTED OTHERWISE.
 - WHERE DOWELS, ANCHOR BOLTS ETC. ARE SHOWN PROJECTING INTO MASONRY, FILL MASONRY CORES WITH MASONRY GROUT.
 - WHERE PROPOSED MASONRY WALL ABUTS EXISTING MASONRY PROVIDE BLOK-LOK BL345 12ga.x190lg. ANCH. AT 400o/c VERT.



KEY PLAN



true north



project north

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date	revision	no.
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customer
DURHAM CATHOLIC DISTRICT
SCHOOL BOARD (DCDSB)
650 Rossland Rd. W., Oshawa, ON

project
DURHAM CATHOLIC DSB - YEAR 4 FDK
KINDERGARTEN RENOVATION
DCDSB - TENDER NO. T13-02

title
St. Christopher Catholic School
TYPICAL DETAILS AND NOTES

WALTERFEDY

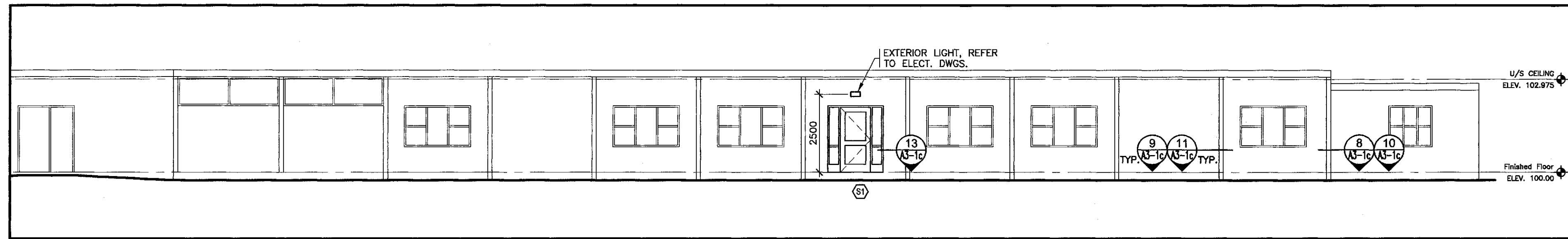
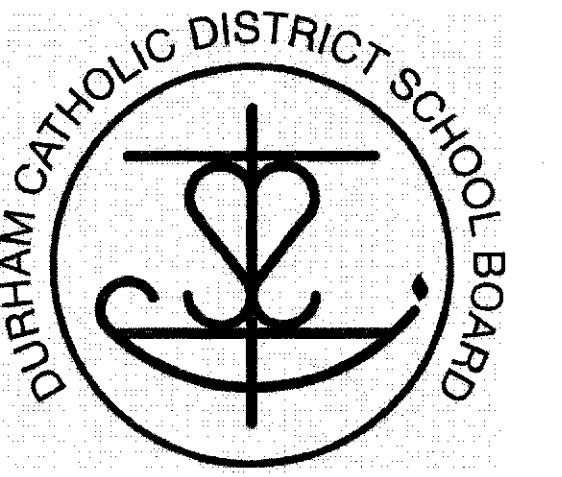
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drawn by: CE	
checked by:	

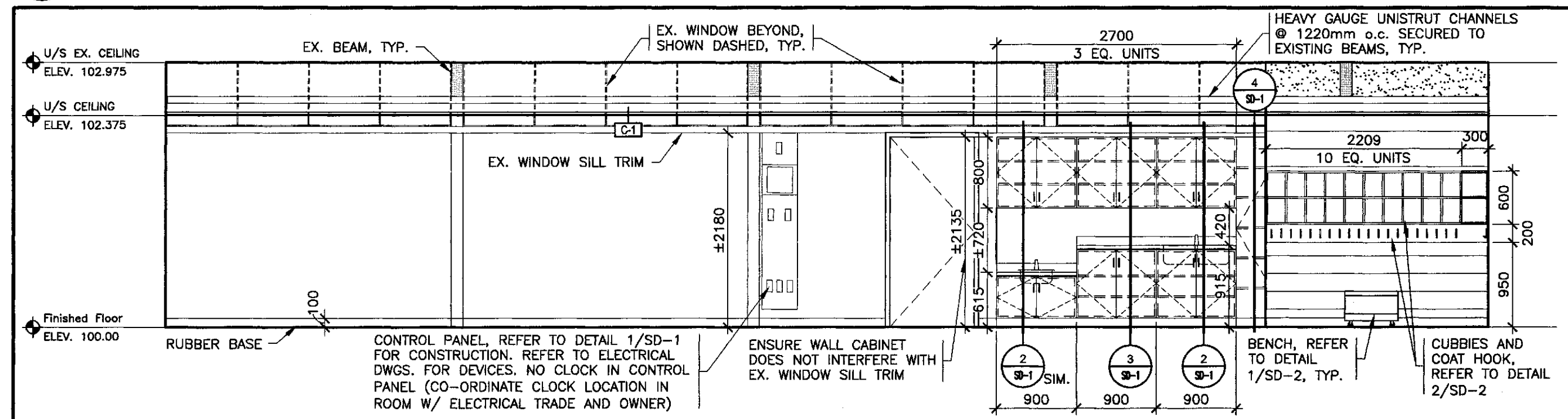
A2-2c

SC-0011



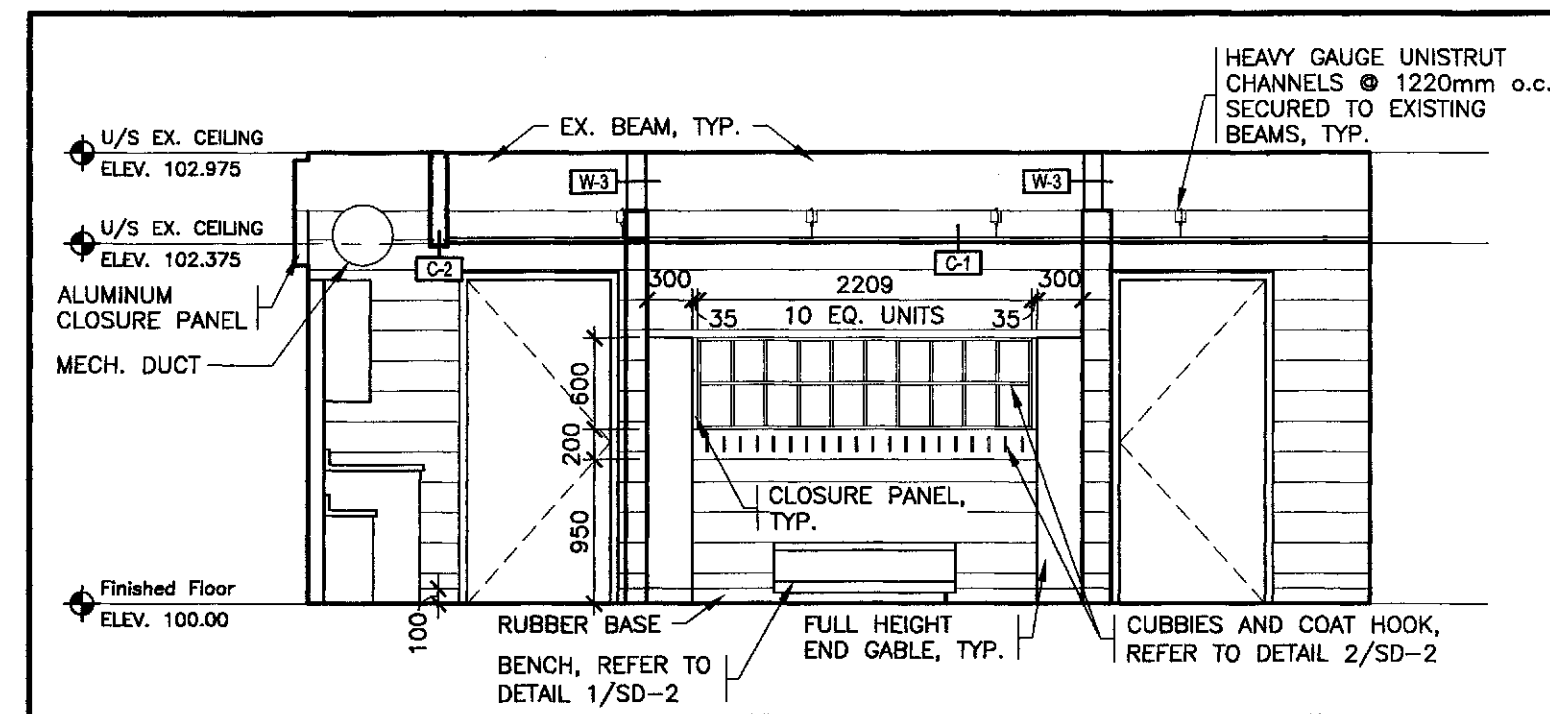
1 PARTIAL EXTERIOR ELEVATION

A3-1c 1:100



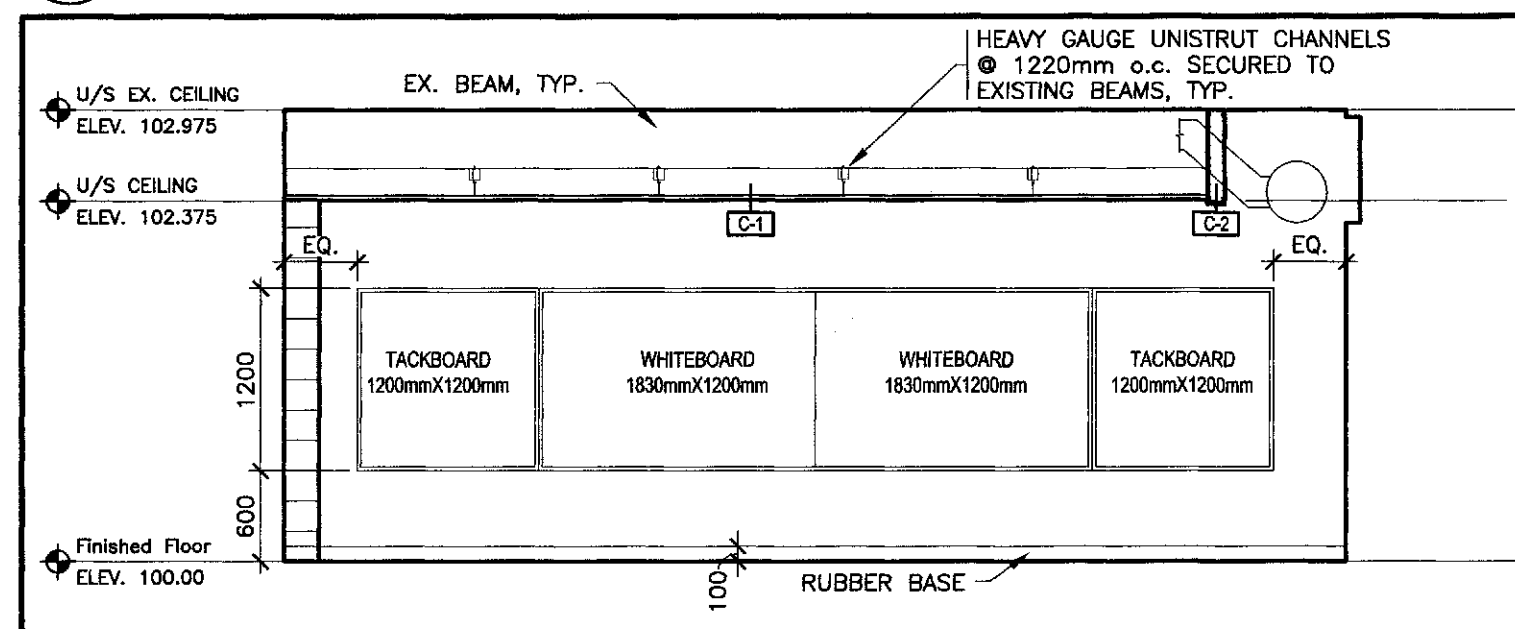
2 INTERIOR ELEVATION - ROOM 117 & 119

A3-1c 1:50



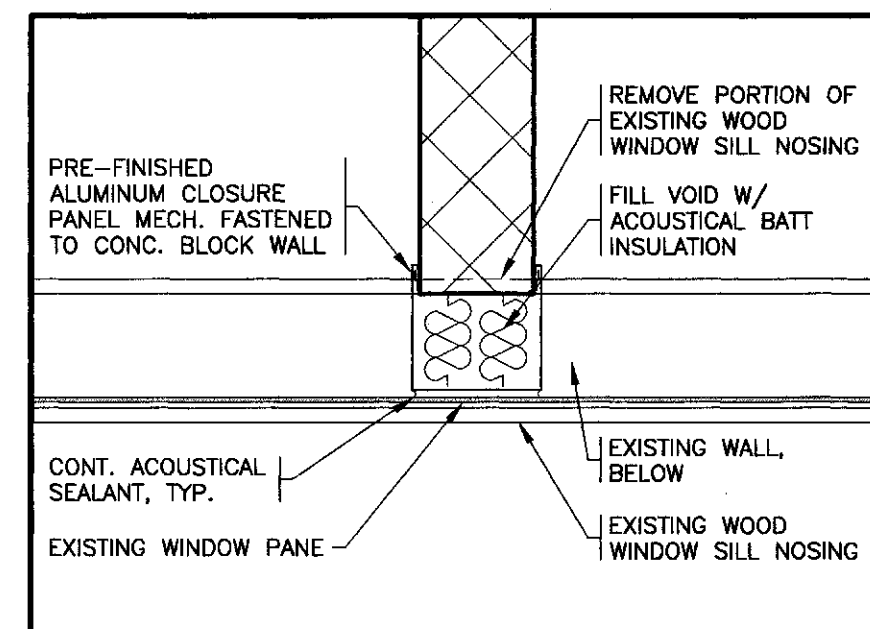
3 INTERIOR ELEVATION - ROOM 117 & 119

A3-1c 1:50



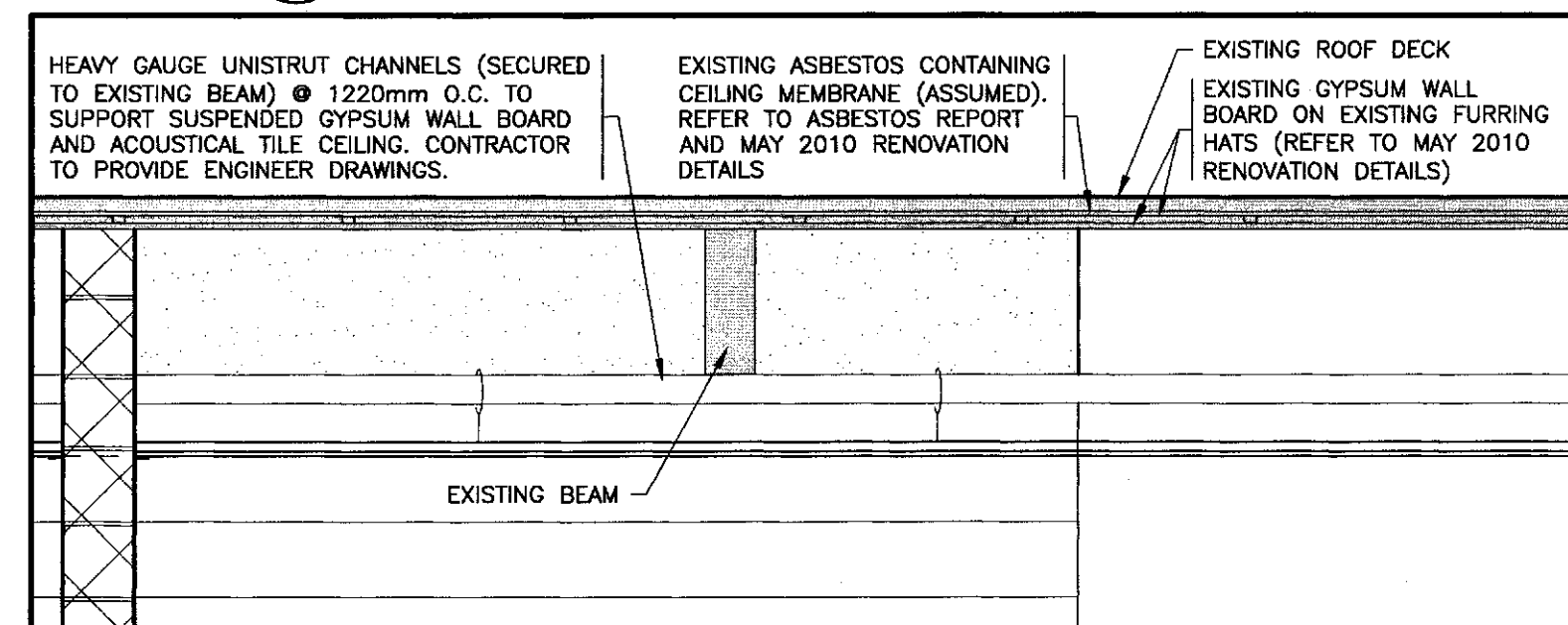
4 INTERIOR ELEVATION - ROOM 117 & 119

A3-1c 1:50



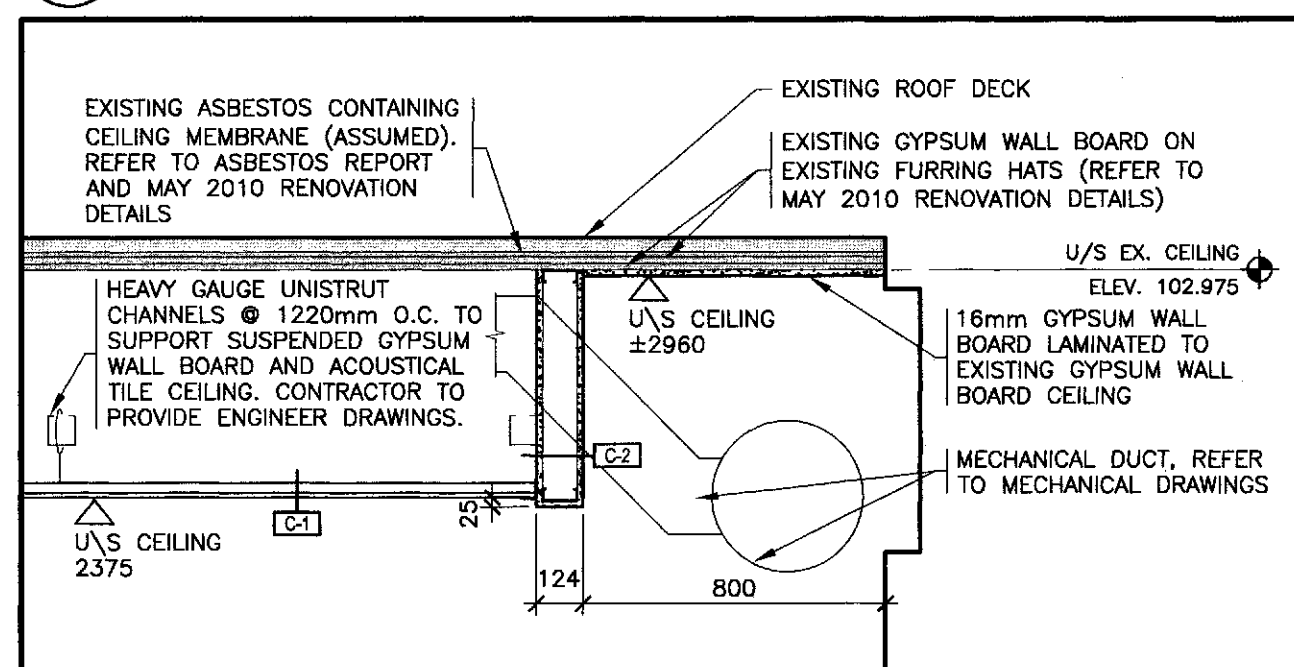
5 PLAN DETAIL @ HIGH WINDOW

A3-1c 1:10



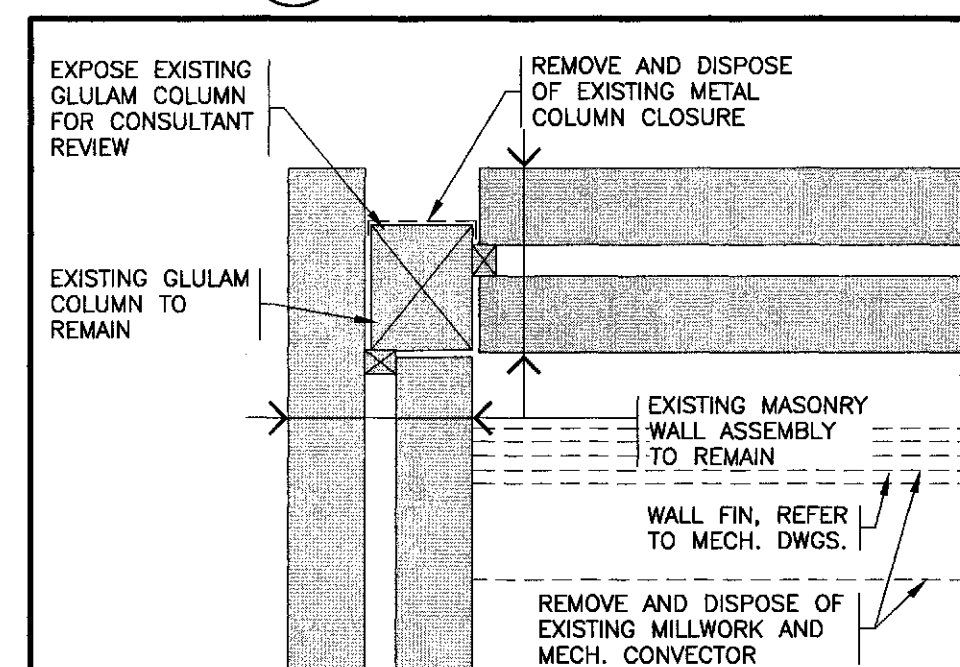
6 SECTION DETAIL

A3-1c 1:20



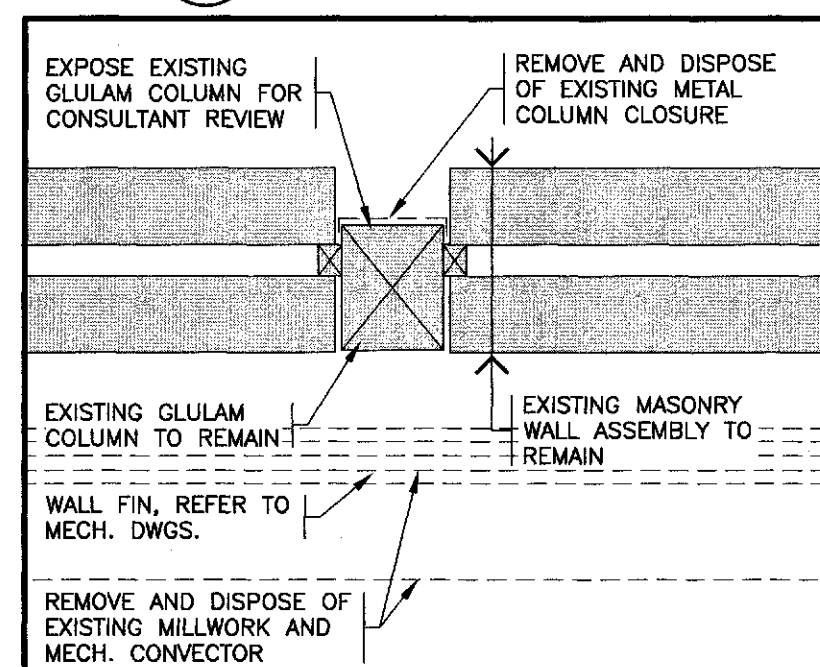
7 TYPICAL BULKHEAD DETAIL

A3-1c 1:20



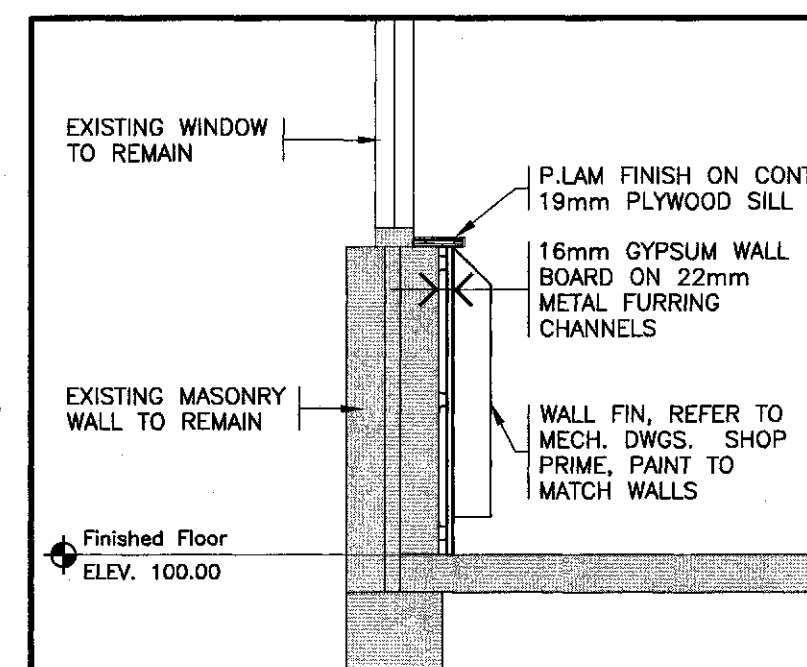
8 DEMO. PLAN DETAIL @ EXT. CORNER COLUMN

A3-1c 1:10



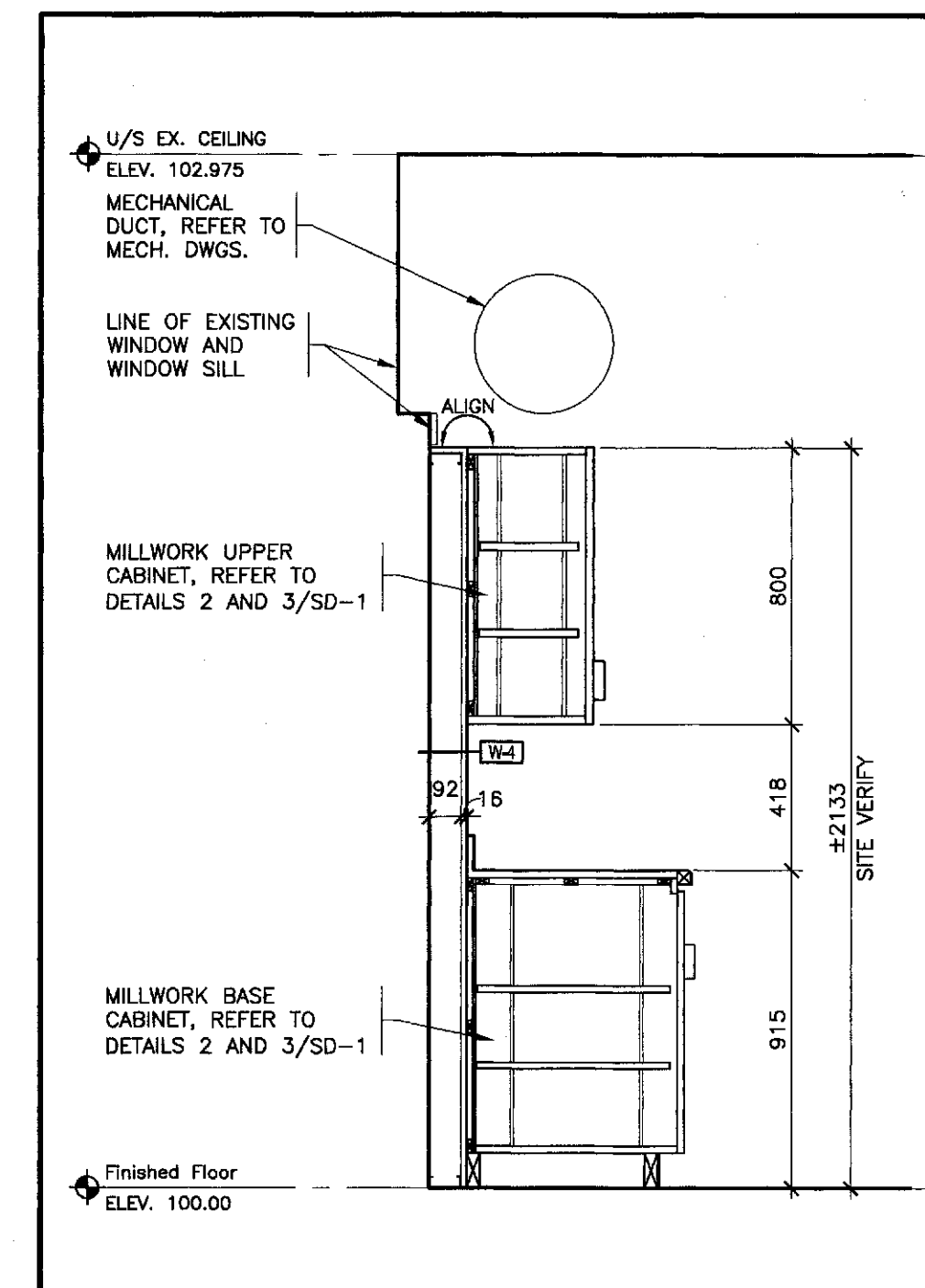
9 DEMO. PLAN DETAIL @ EXT. COLUMN

A3-1c 1:10



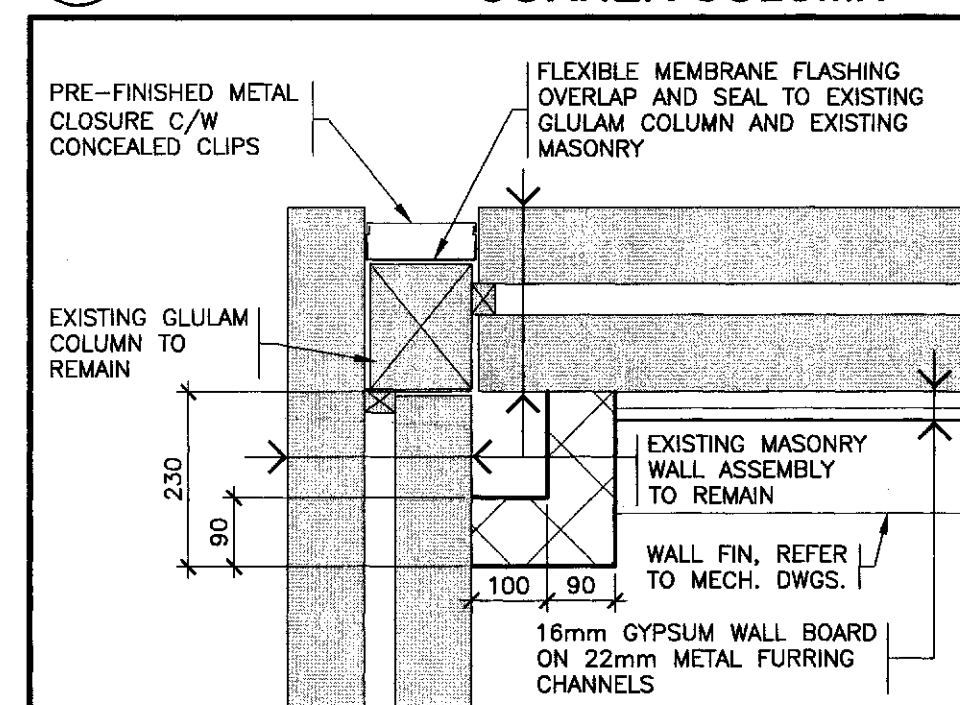
12 SECTION DETAIL @ EXT. WALL

A3-1c 1:10



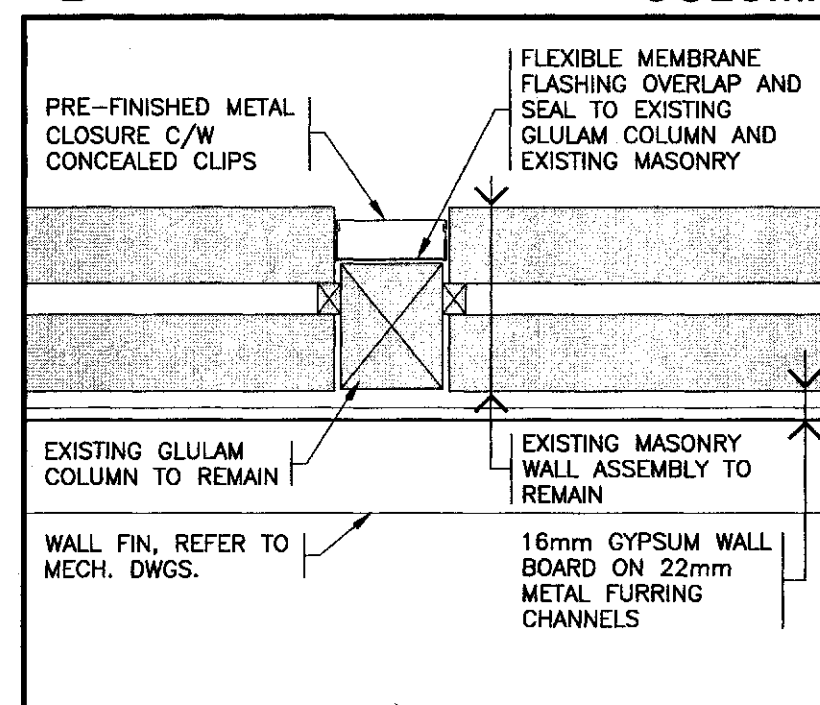
14 SECTION @ MILLWORK

A3-1c 1:20



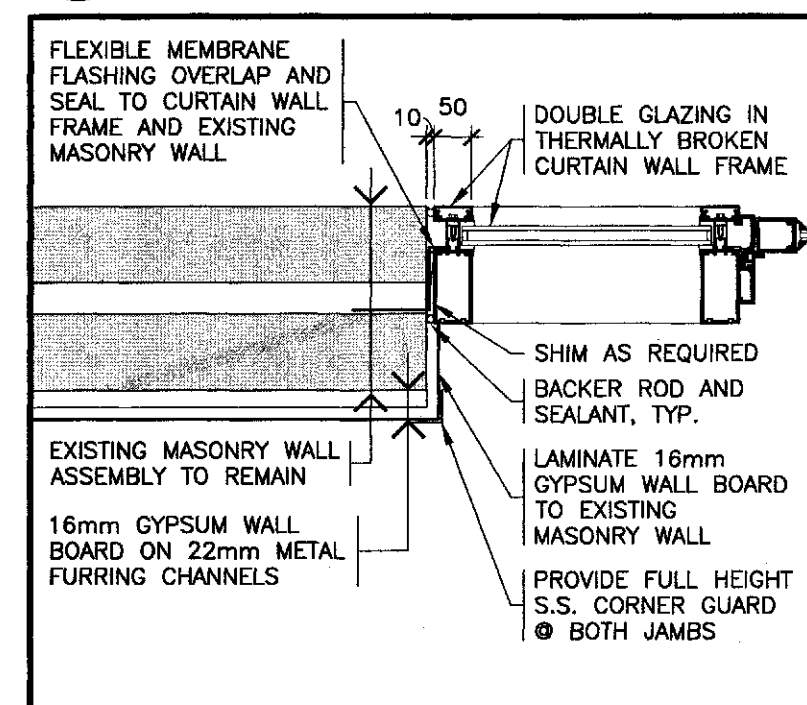
10 PLAN DETAIL @ EXT. CORNER

A3-1c 1:10



11 PLAN DETAIL @ EXT. COLUMN

A3-1c 1:10



13 PLAN DETAIL @ DOOR

A3-1c 1:10

date	issued
2013.01.21	ISSUED FOR INTERIM COST ESTIMATE
2013.02.08	ISSUED FOR CLIENT REVIEW
2013.02.20	ISSUED FOR 80% PRE-TENDER COSTING
2013.03.08	ISSUED FOR OWNER REVIEW
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
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customer
DURHAM CATHOLIC DISTRICT SCHOOL BOARD (DCDSB)
650 Rossland Rd. W., Oshawa, ON

project
DURHAM CATHOLIC DSB - YEAR 4 FDK KINDERGARTEN RENOVATION
DCDSB - TENDER NO. T13-02

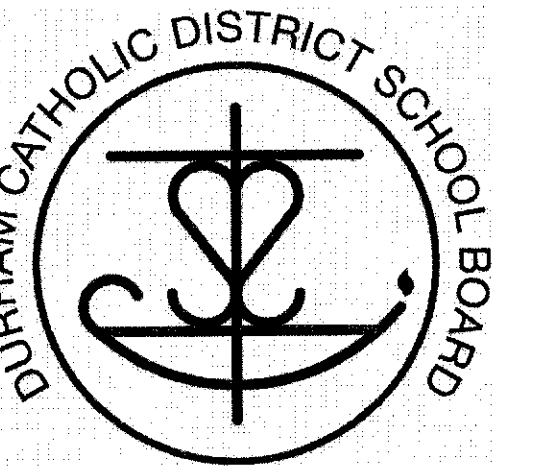
title
St. Christopher Catholic School EXTERIOR AND INTERIOR ELEVATIONS

WALTERFEDY

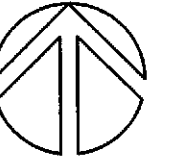
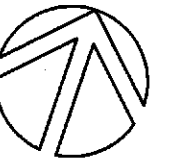
675 Queen Street South, Suite 111
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date:	2013.02.19	
job no.:	2012-0265-10	
CAD file:	A3-1_2012-0265-10(ST.CH)	
drawn by:	CE	
checked by:		

A3-1c



KEY PLAN N.T.S.



date 2013.03.11 issued
ISSUED FOR REFERENCE ONLY

date revision no.

customer
DURHAM CATHOLIC DISTRICT
SCHOOL BOARD
650 Rossland Rd W, Oshawa, ON

project
DURHAM CATHOLIC DSB - YEAR 4 FDK
KINDERGARTEN RENOVATION
DCDSB TENDER NO. T13-02

title
St. Christopher Catholic School
EXISTING CONDITIONS PLAN

WALTERFEDY

675 Queen Street South, Suite 111
Kitchener, Ontario, Canada N2M 1A1
T 519.576.2150 F 519.576.5499
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SC - 0008

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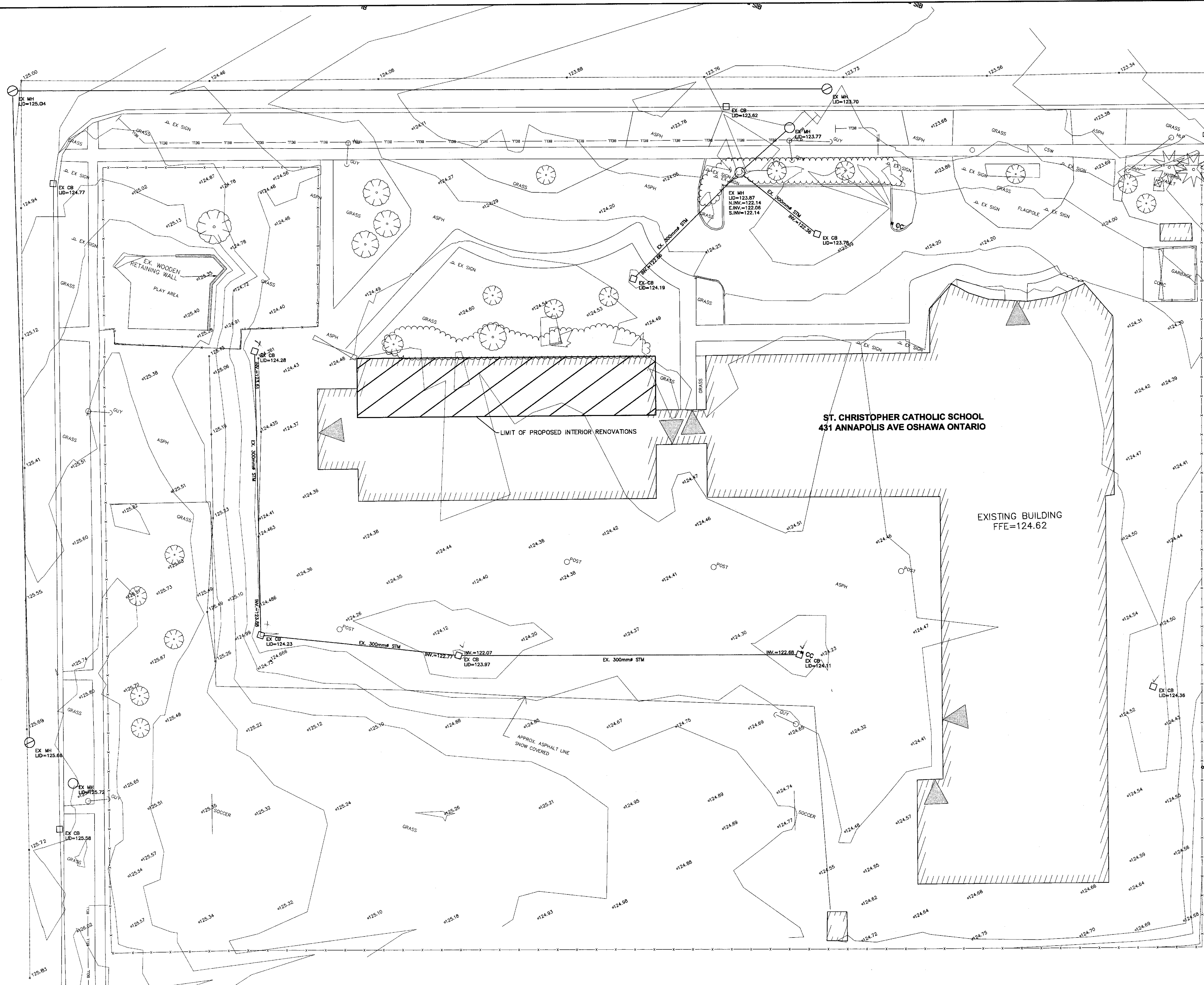
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date: 2012.12.07
job no.: 2012-0265-10
CAD file: 2012-0265-10 St.Christopher BASE
drawn by: JJZ
checked by:

sheet no.:

C1-1c

LEGEND	
---	PROPERTY LINE
■	IRON BAR
■	STANDARD IRON BAR
○	EXISTING LAMP STANDARD
△	EXISTING SIGN
△	EXISTING BELL PEDESTAL
△	EXISTING HYDRO TRANSFORMER
□	EXISTING CATCHBASIN
□	EXISTING DOUBLE CATCHBASIN
○	EXISTING STORM MANHOLE
○	EXISTING CATCHBASIN MANHOLE
○	EXISTING SANITARY MANHOLE
○	EXISTING FIRE HYDRANT
○	EXISTING WATERMAIN VALVE
○	EXISTING GATE
○	EXISTING SPOT ELEVATION
○	EXISTING MAJOR CONTOUR
○	EXISTING MINOR CONTOUR
---	EXISTING EMBANKMENT
○	EXISTING DECIDUOUS TREE
○	EXISTING CONIFEROUS TREE
---	EXISTING TREE DRIPLINE AND/OR VEGETATION LINE
---	EXISTING SANITARY SERVICE
---	EXISTING STORM SERVICE
---	EXISTING WATERMAIN
---	EXISTING DITCH CENTRELINE
---	EXISTING CHAINLINK FENCE
---	INTERIOR RENOVATIONS

BENCHMARK ELEV.= 124.221 m
CC#1 CUT CROSS IN TOP OF CURB, SOUTH
END OF WEST ENTRANCE TO MAIN OFFICE OF
ST. CHRISTOPHER CATHOLIC SCHOOL



LAVATORY SCHEDULE								
TAG #	TYPE	SIZE (mm)	TRIM	SUPPLY	TRAP	DRAIN	SUPPORT	REMARKS
L-1	AMERICAN STANDARD LUCERNE MODEL 03555.012	381x254x165	CHIGACO 802-VC	McQUIRE H165LKNS	McQUIRE 'P' TYPE 8872C	McQUIRE 155A	ZURN Z1253 CONCEALED ARM WALL SUPPORT	DECK-MOUNTED, 100mm FIXED CENTERS. LEVER HANDLE. DURABLE BRASS CONSTRUCTION.

STAINLESS STEEL SINK SCHEDULE								
TAG #	TYPE	SIZE (mm)	TRIM	STRAINER	TRAP	BRASS STOPS	SUPPORT	REMARKS
S-1	KINDRED COMMERCIAL MODEL LBD680B-1 (DOUBLE BASIN)	995x523x203	CHICAGO 1100-KXABCP	CRUMB CUP	McGUIRE CAST BRASS 'P' TYPE WITH ESCUTCHEON AND PENCIL TRAP	McGUIRE ROUGH STOPS WITH ESCUTCHEON ON EACH SUPPLY	COUNTERTOP COMPLETE WITH CLAMPING DEVICES	DECK-MOUNTED, 200mm FIXED CENTERS. CHROME-PLATED, SOLID BRASS CONSTRUCTED FAUCET. ADJUSTABLE SWING THROUGH 150° TOO PROVIDE WATER SERVICE TO DOUBLE BASINS.
S-2	KINDRED COMMERCIAL MODEL LBR5460BP-1 (SINGLE BASIN WITH DUAL BACK-RIGHT SIDE LEDGES)	529x478x203	CHICAGO 1100-KXABCP WITH CHICAGO 748-3350P SIDE BUBBLER	CRUMB CUP	McGUIRE CAST BRASS 'P' TYPE WITH ESCUTCHEON AND PENCIL TRAP	McGUIRE ROUGH STOPS WITH ESCUTCHEON ON EACH SUPPLY	COUNTERTOP COMPLETE WITH CLAMPING DEVICES	DECK-MOUNTED, 200mm FIXED CENTERS. CHROME-PLATED, SOLID BRASS CONSTRUCTED FAUCET. ADJUSTABLE SWING. COMPLETE WITH DECK-MOUNTED SIDE BUBBLER LOCATED ON THE RIGHT-SIDE LEDGE.

WATER CLOSET SCHEDULE						
TAG #	TYPE	FLUSHING ACTION	SEAT	ACCESSORIES	SUPPORT	REMARKS
WC-1	AMERICAN STANDARD MODEL CHAMPION 4 2023.504 ROUND FRONT TOILET	TANK TYPE	CENTOCO 460STS ROUND FRONT WITH COVER	FLANGE, GASKET, NUTS, BOLTS AND CAPS. ANGLE SUPPLY McGUIRE H166LKNS	FLOOR MOUNTED	LOW CONSUMPTION CHAMPION 4 FLUSHING SYSTEM, VITREOUS CHINA, PERMANENT ANTI-MICROBIAL SURFACE, SUPPLY C/W DIAMETER RIGID HORIZONTAL, V.P. LOOSE KEY CHROM PLATED BRASS STOP, FLEXIBLE RISER, AND CHROME STAINLESS STEEL WALL FLANGE.

SUPPLY AIR DIFFUSER SCHEDULE				
SYMBOL	SIZE (mm)	APPLICATION	NECK SIZE (mm)	MANUFACTURER AND MODEL
S-1	600x600	CEILING	150	KRUEGER, 1900A 2-3/4" SLOT, 1200 LONG WITH INSULATED 1900 BOOT. END CAPS BOTH ENDS

RETURN AIR GRILLE SCHEDULE			
SYMBOL	SIZE (inches)	APPLICATION	MANUFACTURER, MODEL AND REMARKS
R-1	600x150	CEILING	KRUEGER, EGC, PRIME COAT WHITE ENAMEL

EXHAUST AIR GRILLE SCHEDULE			
SYMBOL	SIZE (inches)	APPLICATION	MANUFACTURER, MODEL AND REMARKS
E-1	150x150	CEILING	KRUEGER, S80 3/4" BLADE SPACING c/w OBD, 0° DEFLECTION

EXHAUST FAN SCHEDULE											
TAG #	LOCATION	SYSTEM	AIR FLOW (LPS)	E.S.P. (Pa)	HP	VOLTAGE/PH/Hz	RPM	DRIVE	MANUFACTURER & MODEL	REMARKS	
EF-1,2	MULTIPLE	KINDERGARTEN WASHROOMS	45	75	0.016	120/1/60	1550	DIRECT	PENNBARRY DX11R	CEILING MOUNTED, REMOVABLE ACCESS DOORS, STANDARD DISCONNECT PREWIRED, VARIABLE SPEED CONTROLLER, INSULATED HOUSING AND ROOFTOP GOOSENECK. COMPLETE WITH ROOFTOP TRANSITION CURB	

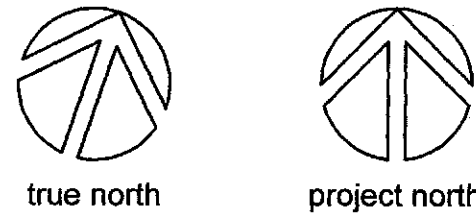
RADIATION SCHEDULE	
WALLFIN	
WF-3.05m 4.8	SIGMA TYPE-ACTIVE LENGTH(m) KW RATING
WF - SWE-S, 24C100, 1.35 kW/m	
FORCE FLOW	
FF-0 1.58	SIGMA TYPE-RECESS KW RATING
FF - SEMI-RECESSED, MODEL SFF-A-03, FLOW ARRANGEMENT 91, 142 L/S, 1/10 HP MOTOR, (1012.5mm x 237.5mm x 650mm HIGH) APR. 4, INTEGRAL THERMOSTAT	
RADIATION BASED ON 87.8°C ENTERING WATER TEMPERATURE WITH 11.1°C TEMPERATURE DROP UNLESS OTHERWISE NOTED.	

FIXTURE SCHEDULE (mm)				
FIXTURE	DRAIN	VENT	COLD WATER	TEMPERED WATER
LAVATORY	32	32	-	15
SINK	40	32	-	15
WATER CLOSET	75	40	FV 25, FT 15	-
URINAL	50	40	FV 25, FT 15	-
FLOOR DRAIN	AS NOTED	40	-	-

LEGEND	
SYMBOL	DESCRIPTION
	SANITARY DRAIN (BELOW FLOOR)
	COLD HARD WATER
	HOT WATER
	HOT WATER RECIRCULATING LINE
L	LAVATORY
WC	WATER CLOSET
S	SINK
CO	CLEAN OUT
FD	FLOOR DRAIN
	HOSE BIBB
	SHUT-OFF VALVE
	2-WAY CONTROL VALVE
	CIRCUIT BALANCING VALVE
	HOT WATER HEATING SUPPLY
	HOT WATER HEATING RETURN
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	FIRE DAMPER
	MANUAL BALANCING DAMPER
	LITERS PER SECOND (LPS)
	GRILLE SIZE
	RETURN AIR OR EXHAUST GRILLE
	SUPPLY AIR GRILLE OR DIFFUSER
	THERMOSTAT
BDD	BACK DRAFT DAMPER
	EXISTING TO BE REMOVED
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	CONNECT TO EXISTING

MECHANICAL DRAWING LIST

M0-1c	MECHANICAL LEGEND AND SCHEDULES
M2-1c	PARTIAL GROUND FLOOR PLAN PLUMBING LAYOUT
M2-2c	PARTIAL GROUND FLOOR PLAN HVAC AND HVAC PIPING LAYOUTS



date	issued
2013.03.08	ISSUED FOR OWNER REVIEW
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
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customer
DURHAM CATHOLIC DISTRICT SCHOOL BOARD
650 Rossland Rd W, Oshawa, ON

project
ST. CHRISTOPHER CATHOLIC SCHOOL KINDERGARTEN RENOVATION
431 Annapolis Avenue, Oshawa, ON

title
MECHANICAL LEGEND AND SCHEDULES

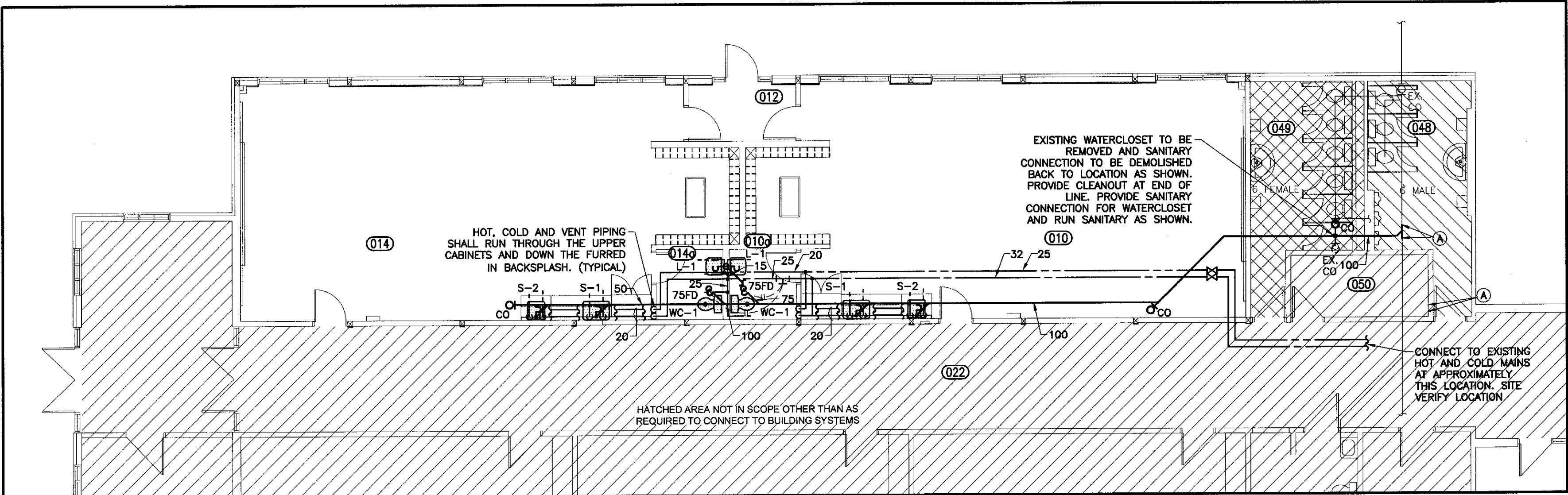
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date: 2013.02.12	
job no.: 2012-0265-10	
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drawn by: TM	
checked by:	

M0-1c



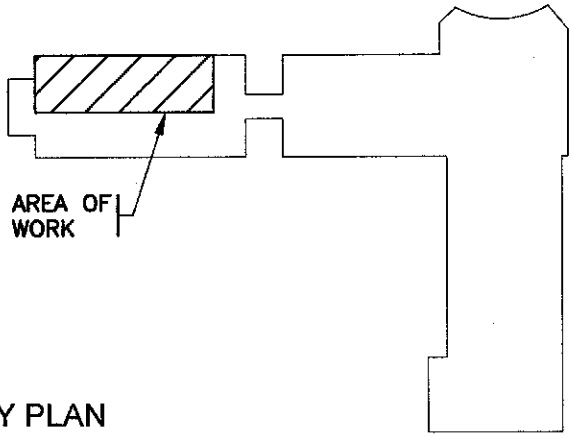
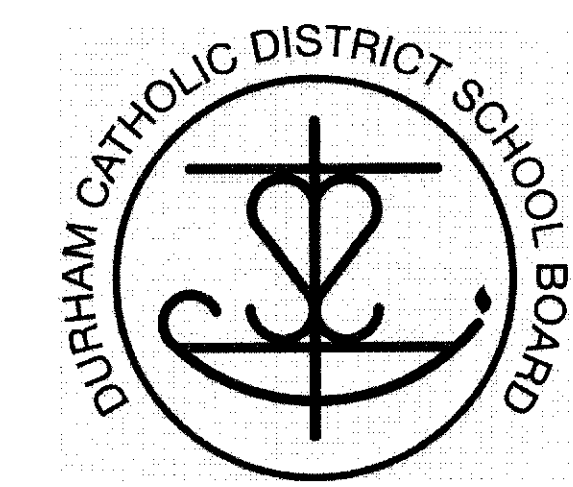
2 PARTIAL GROUND FLOOR PLAN- PLUMBING LAYOUT
WI-1c 1:100

GENERAL NOTES

- 1) ALL MATERIALS WITHIN RETURN AIR PLENUMS SHALL HAVE A FLAME-SPREAD RATING NOT MORE THAN 25 AND A SMOKE DEVELOPED CLASSIFICATION NOT MORE THAN 50.

ROOM LEGEND

- 010 KINDERGARTEN CLASSROOM
010 WASHROOM
012 VESTIBULE
014 KINDERGARTEN CLASSROOM
014 WASHROOM
022 CORRIDOR
048 BOY'S WASHROOM
049 GIRL'S WASHROOM
050 STORAGE



KEY PLAN



true north



project north

date	issued
2013.02.26	ISSUED FOR PRE TENDER COSTING
2013.03.08	ISSUED FOR OWNER REVIEW
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
------	----------	-----

customer
DURHAM CATHOLIC DISTRICT
SCHOOL BOARD
650 Rossland Rd W, Oshawa, ON

project
ST. CHRISTOPHER CATHOLIC SCHOOL
KINDERGARTEN RENOVATION
431 Annapolis Avenue, Oshawa, ON

title
PARTIAL GROUND
FLOOR PLAN
PLUMBING LAYOUT

WALTERFEDY

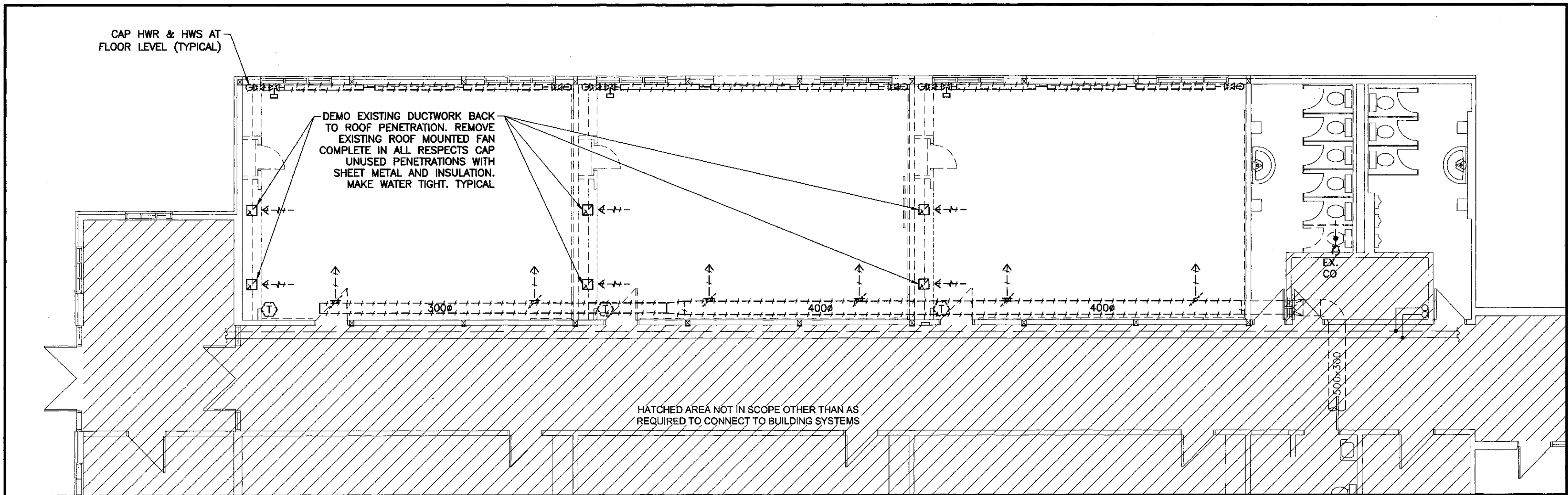
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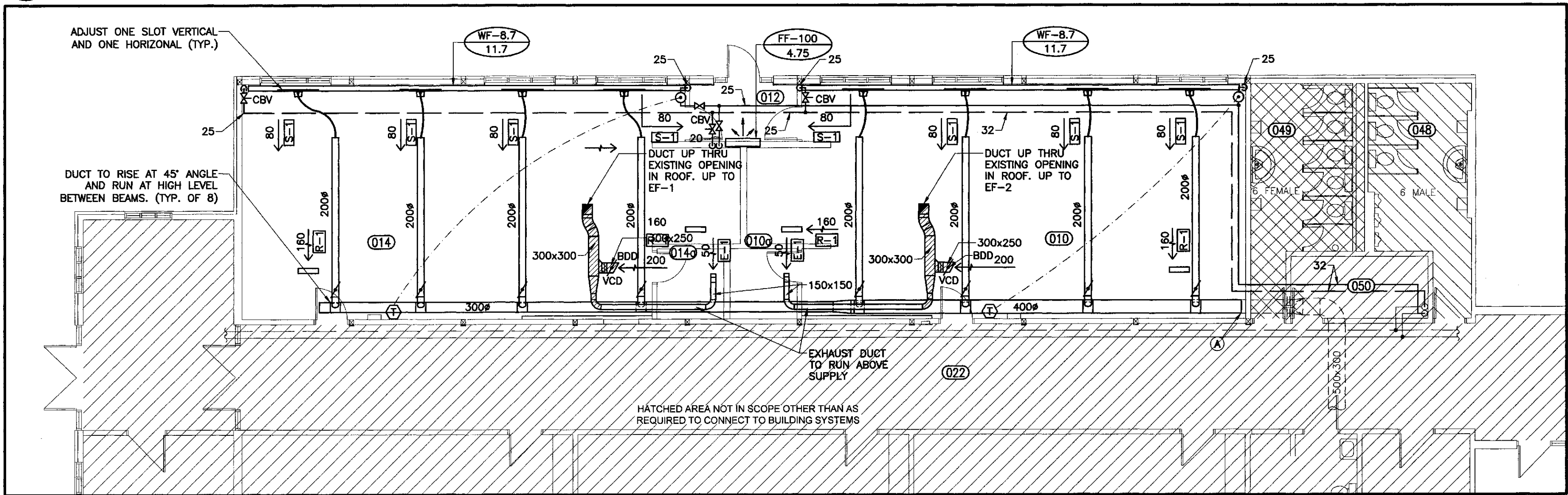
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date: 2013.02.26	
job no.: 2012-0285-10	
CAD file: M2-182_2012-0285-10(ST.CH)	
drawn by: TM	
checked by:	

M2-1c

SC-0014



1 PARTIAL GROUND FLOOR PLAN - DEMOLITION
1:100



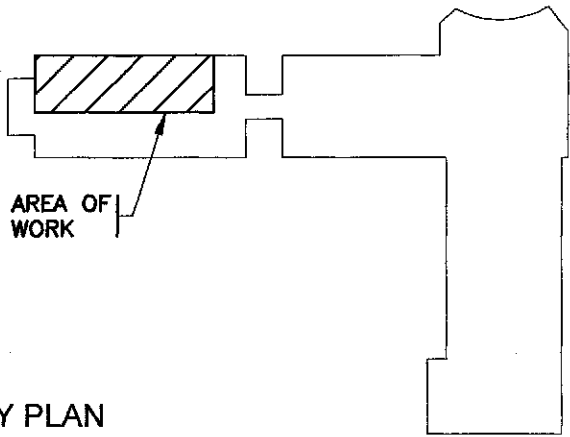
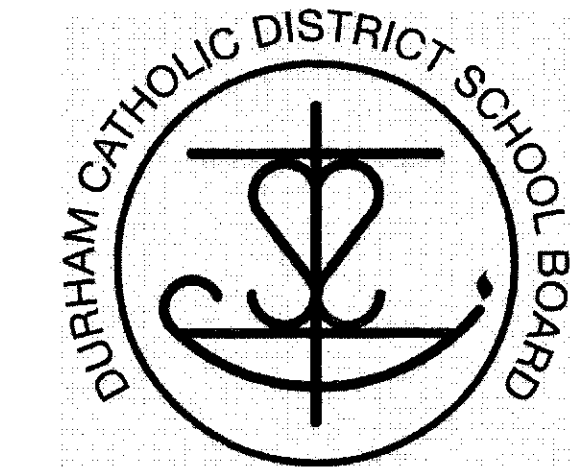
2 PARTIAL GROUND FLOOR PLAN- HVAC AND HVAC PIPING LAYOUT
1:100

GENERAL NOTES

- ALL MATERIALS WITHIN RETURN AIR PLENUMS SHALL HAVE A FLAME-SPREAD RATING NOT MORE THAN 25 AND A SMOKE DEVELOPED CLASSIFICATION NOT MORE THAN 50.
- SITE VERIFY EXISTING CURB SIZE BEFORE PROVIDING SHOP DRAWING.

ROOM LEGEND

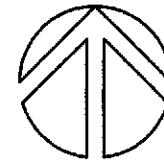
- 010 KINDERGARTEN CLASSROOM
- 0103 WASHROOM
- 012 VESTIBULE
- 014 KINDERGARTEN CLASSROOM
- 0149 WASHROOM
- 022 CORRIDOR
- 048 BOY'S WASHROOM
- 049 GIRL'S WASHROOM
- 050 STORAGE



KEY PLAN



true north



project north

date	issued
2013.02.26	ISSUED FOR PRE TENDER COSTING
2013.03.08	ISSUED FOR OWNER REVIEW
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
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customer
DURHAM CATHOLIC DISTRICT SCHOOL BOARD
650 Rossland Rd W, Oshawa, ON

project
ST. CHRISTOPHER CATHOLIC SCHOOL KINDERGARTEN RENOVATION
431 Annapolis Avenue, Oshawa, ON

title
PARTIAL GROUND FLOOR PLAN HVAC AND HVAC PIPING LAYOUTS

WALTERFEDY

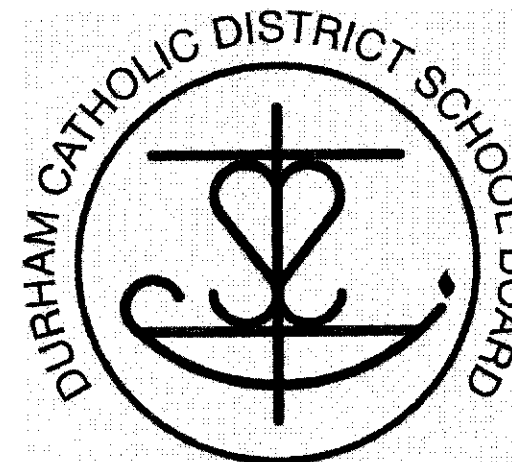
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drawn by:	TM		
checked by:			

M2-2c

60-0015



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2013.02.20	ISSUED FOR 80% PRE-TENDER COSTING
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
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customer
DURHAM CATHOLIC DISTRICT SCHOOL BOARD (DCDSB)
650 Rossland Rd W, Oshawa, ON

project
DURHAM CATHOLIC DSB- Year 4 FDK KINDERGARTEN RENOVATION
DCDSB TENDER NO. T13-02

title
DCDSB - STANDARD DETAILS

WALTERFEDY

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Kitchener, Ontario, Canada N2M 1A1
T 519.576.2150 F 519.576.5499
walterfedy.com

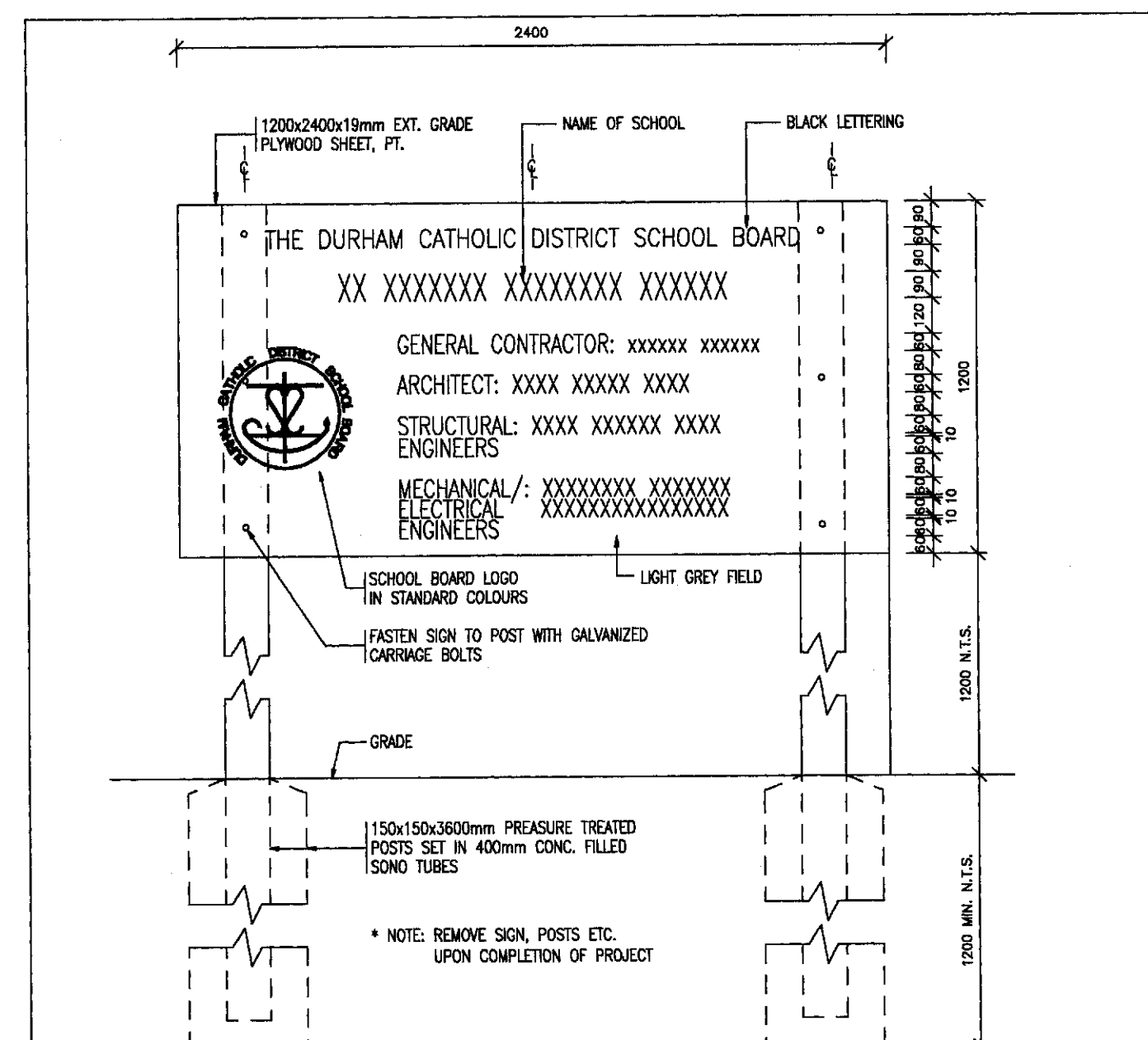
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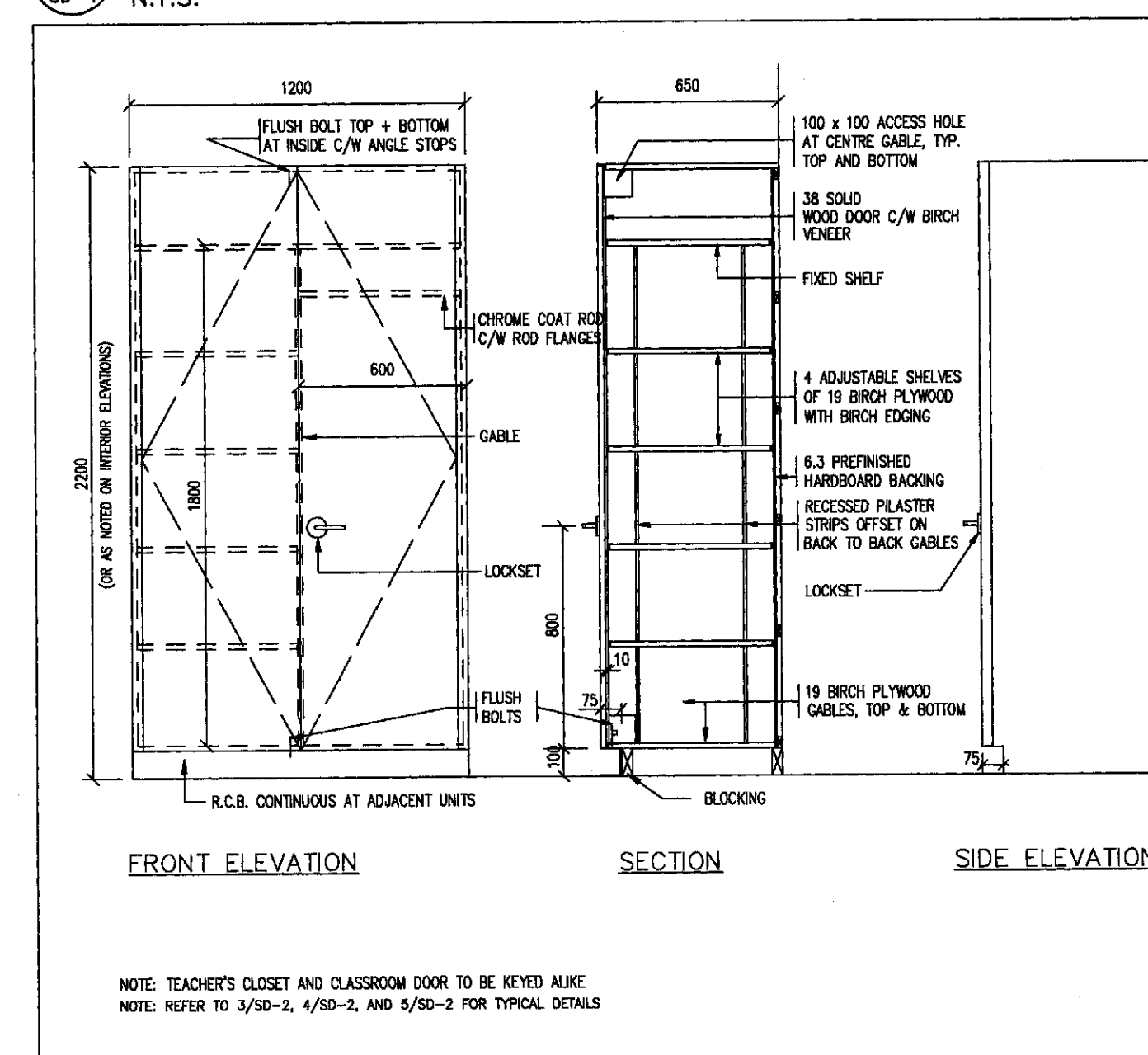
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date: 2012.12.06
job no.: 2012-0265-10
CAD file: SD-1-SD-2-DCDSB Standards
drawn by: CE
checked by:

sheet no.:

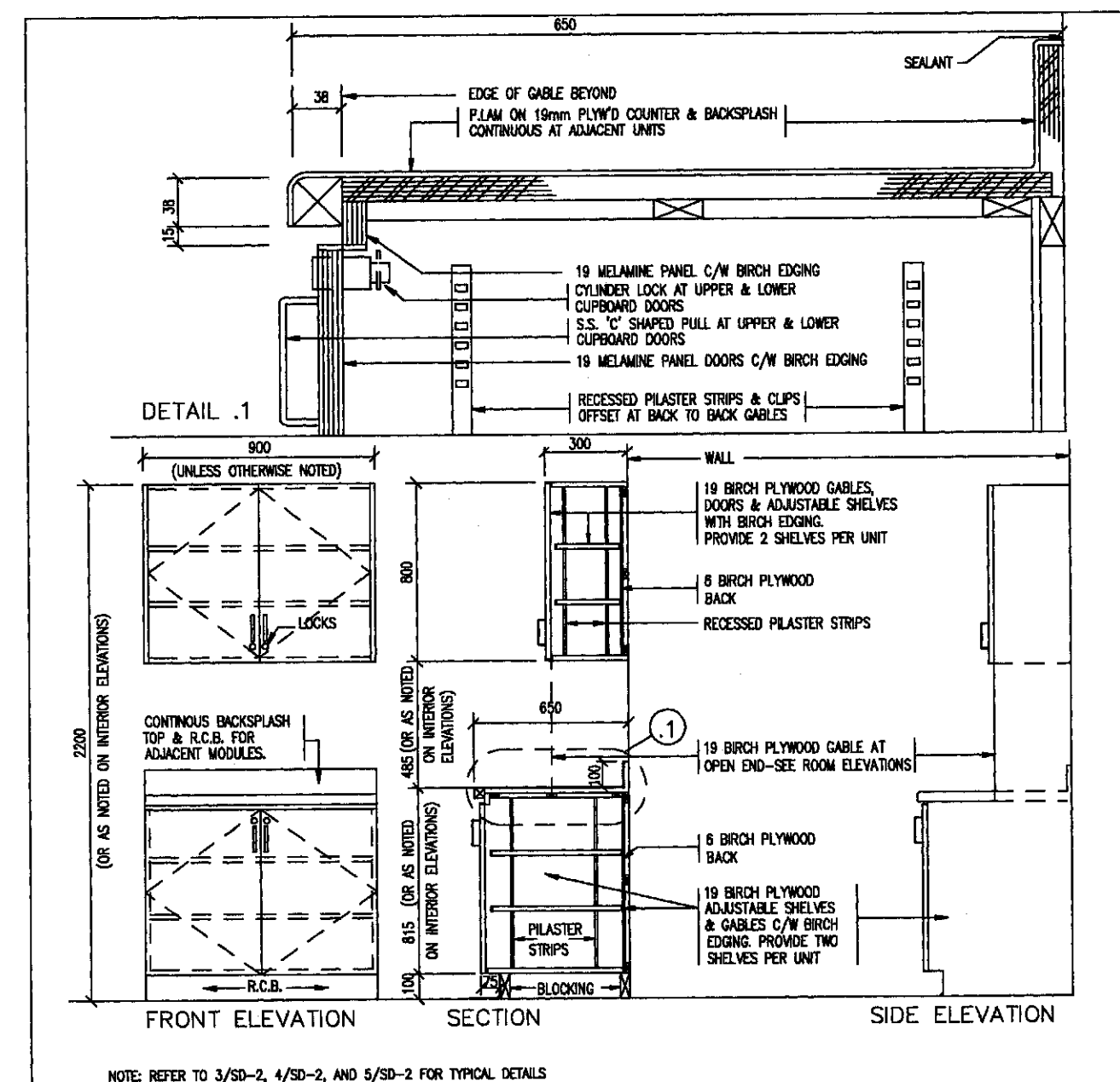
SD-1



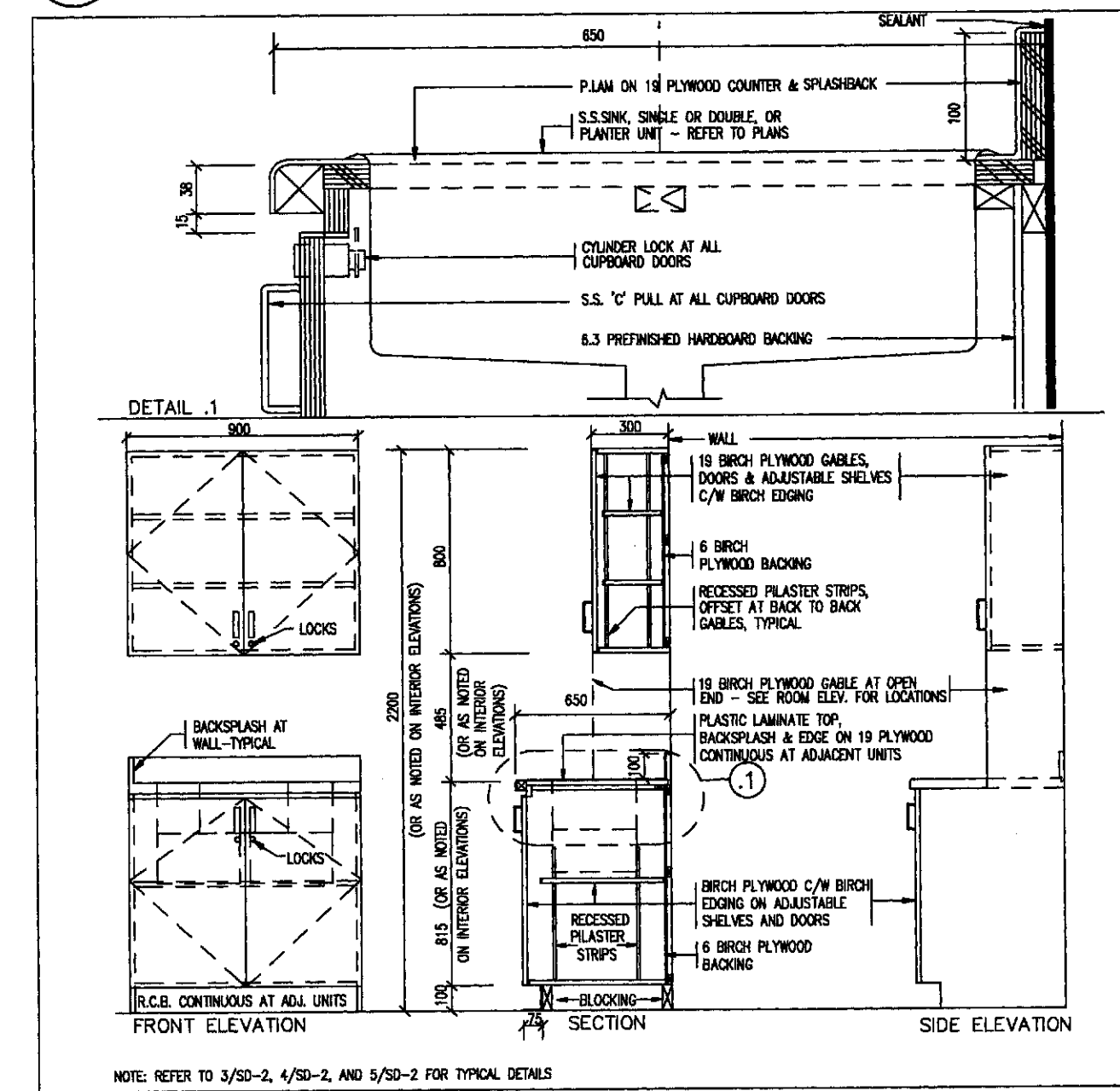
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SD-1 N.T.S.



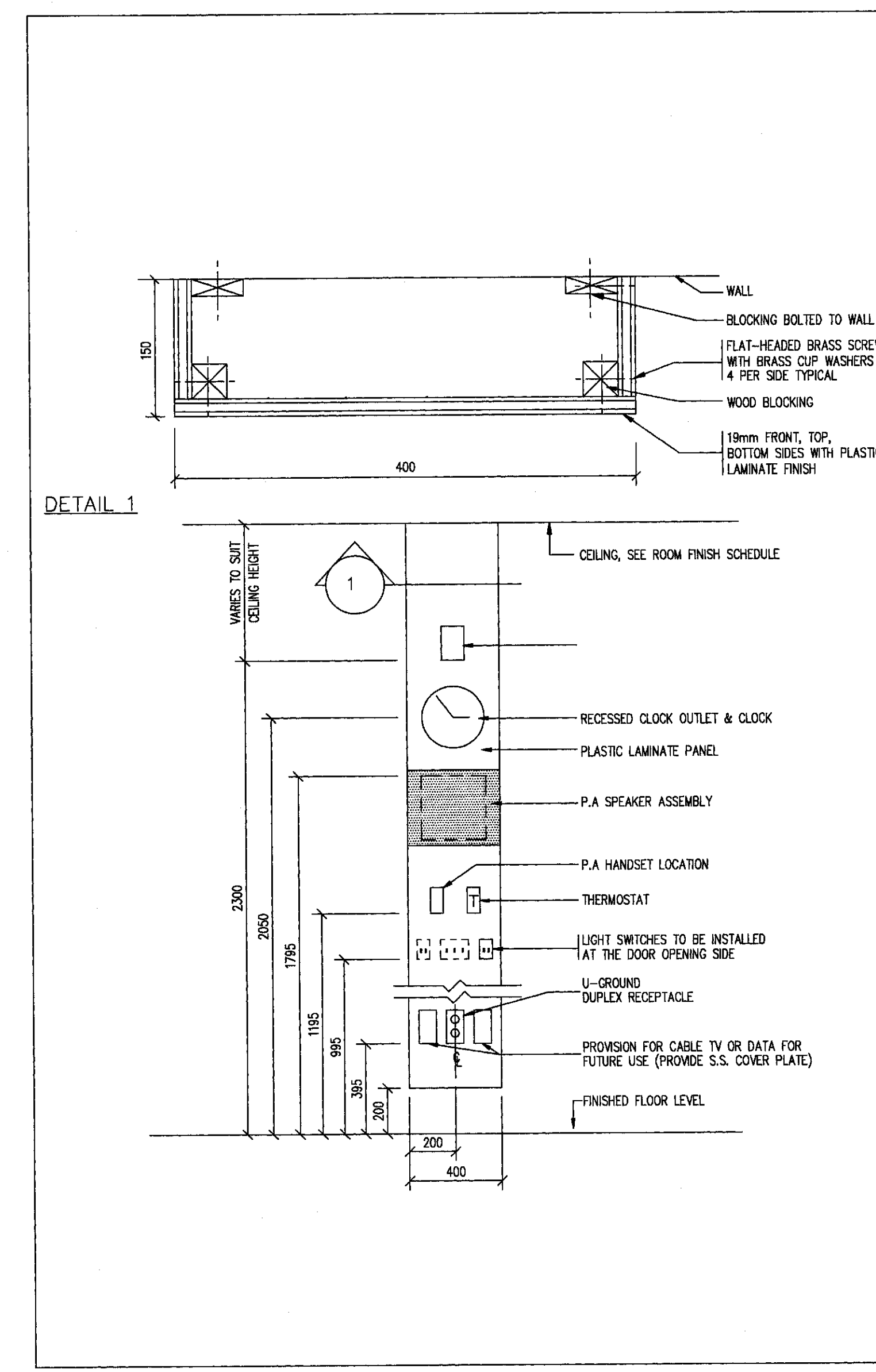
4 TEACHER'S CLOSET
SD-1 N.T.S.



3 COUNTER & CUPBOARD HINGED DOORS
SD-1 N.T.S.

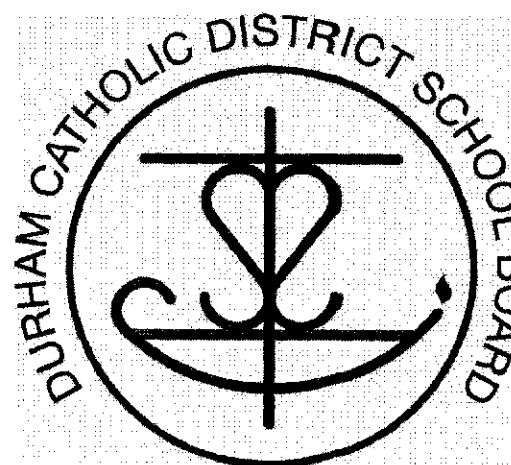


2 COUNTER & CUPBOARD HINGED DOORS & SINK
SD-1 N.T.S.



1 CONTROL PANEL
SD-1 N.T.S.

SC-0006



date	issued
2013.02.20	ISSUED FOR 80% PRE-TENDER COSTING
2013.03.11	ISSUED FOR PERMIT
2013.03.19	ISSUED FOR TENDER

date	revision	no.
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customer
DURHAM CATHOLIC DISTRICT SCHOOL BOARD (DCDSB)
650 Rossland Rd W, Oshawa, ON

project
DURHAM CATHOLIC DSB- Year 4 FDK KINDERGARTEN RENOVATION
DCDSB TENDER NO. T13-02

title
DCDSB - STANDARD DETAILS

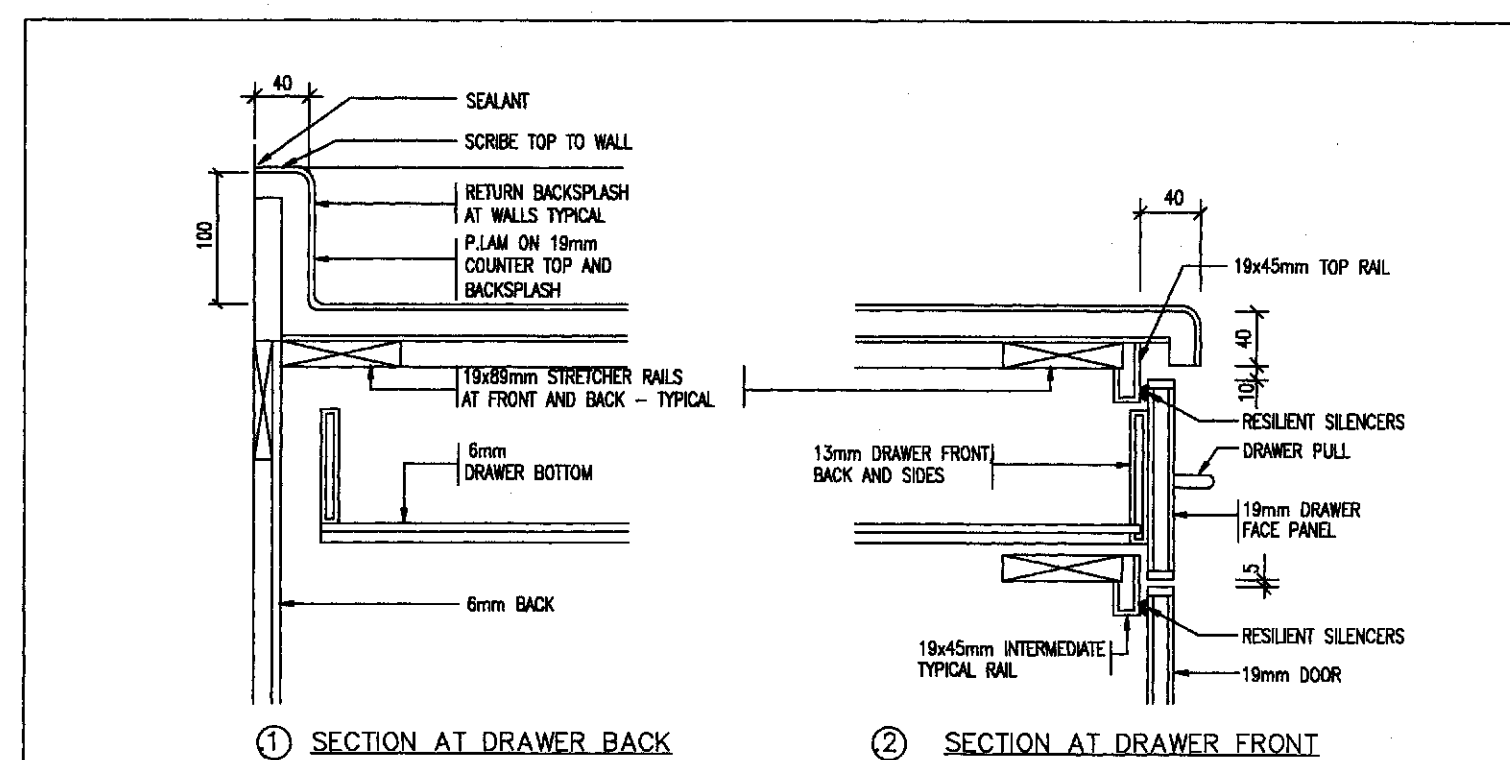
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675 Queen Street South, Suite 111
Kitchener, Ontario, Canada N2M 1A1
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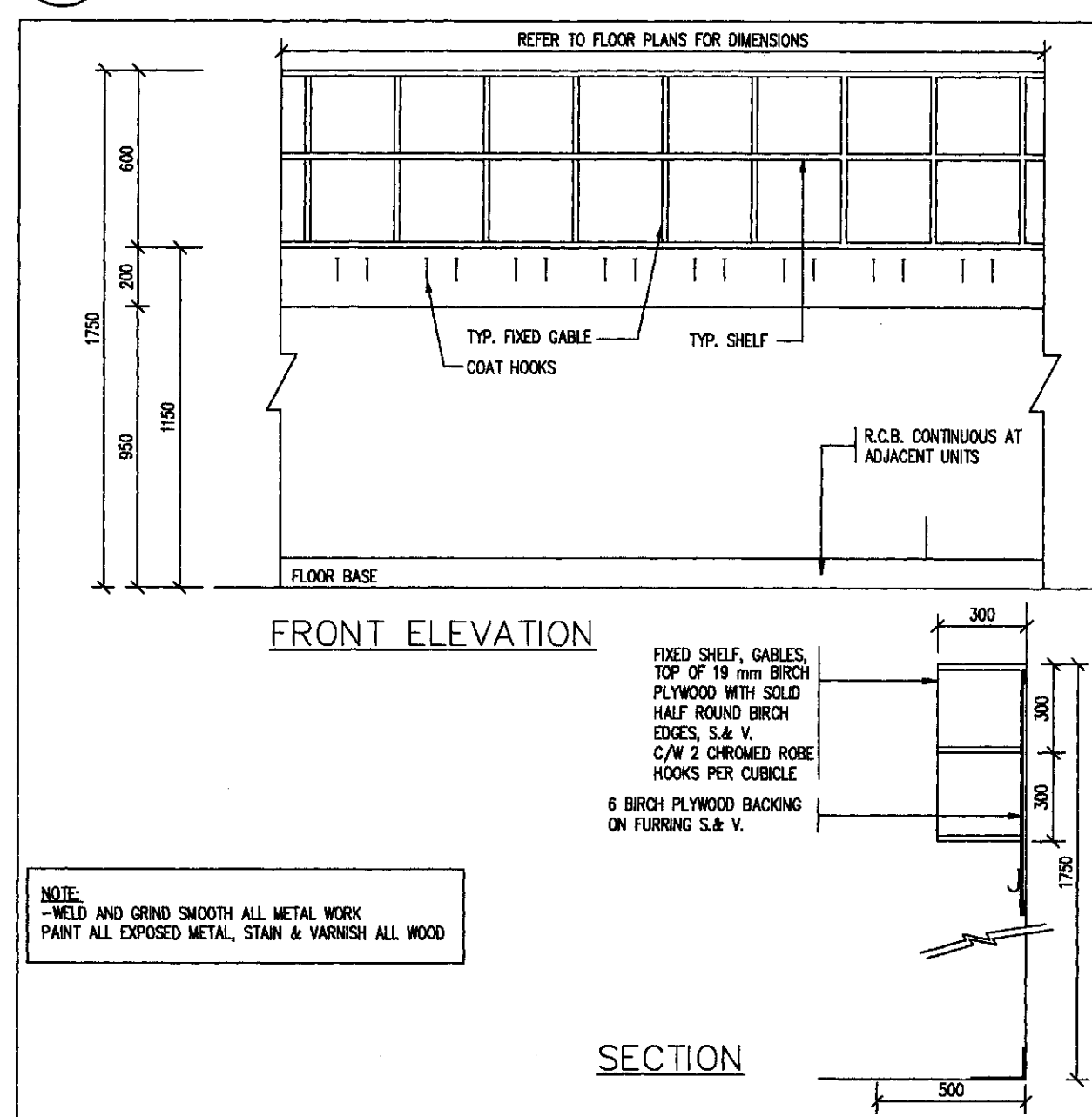
The contractor shall check and verify all dimensions and report any errors or omissions to the consultant before commencing or proceeding with any work. Do not scale this drawing.

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scale:	AS NOTED	
date:	2012.12.06	
job no.:	2012-0265-10	
CAD file:	SD-1-SD-2-DCDSB Standards	
drawn by:	CE	
checked by:		

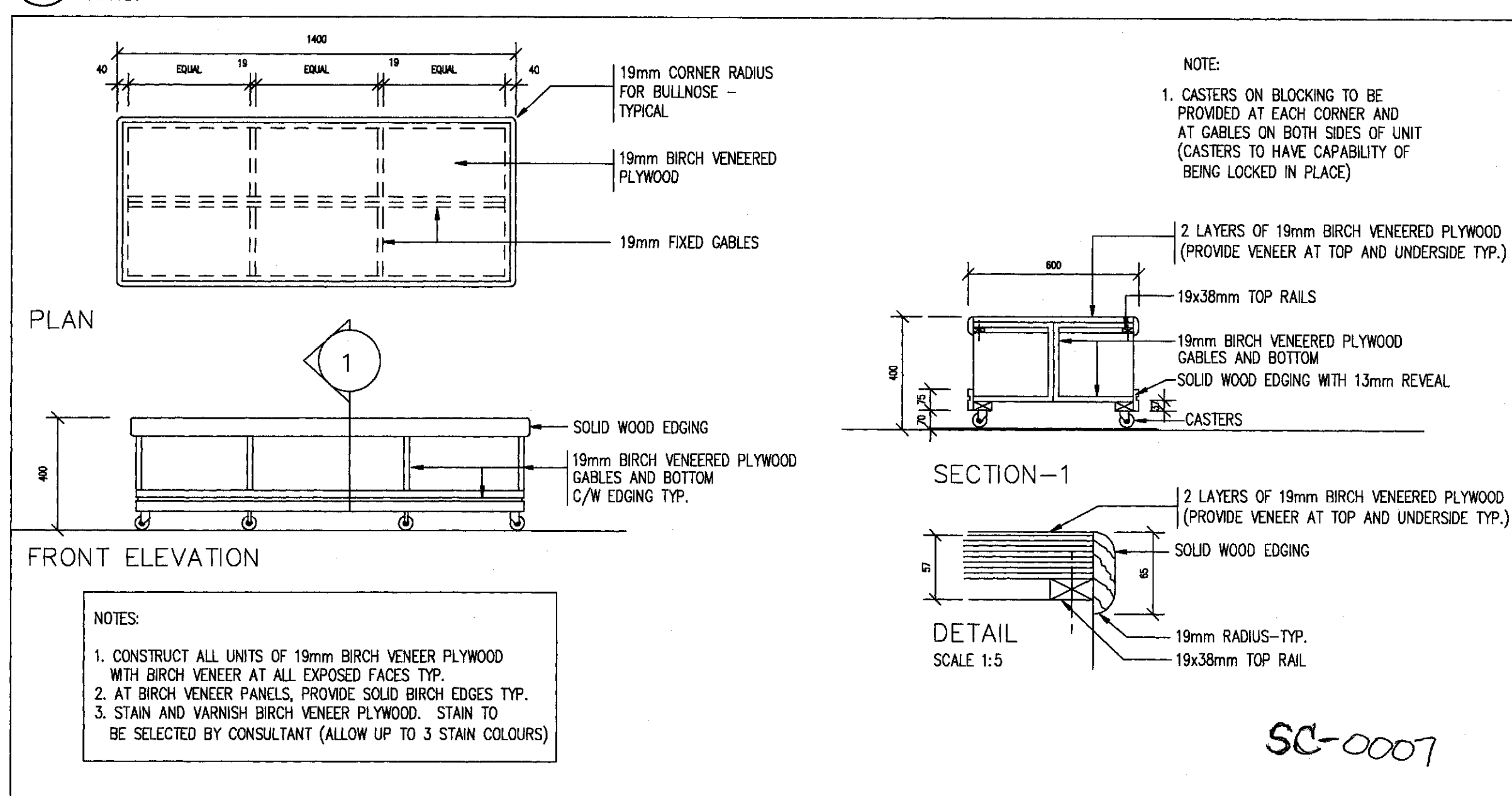
SD-2



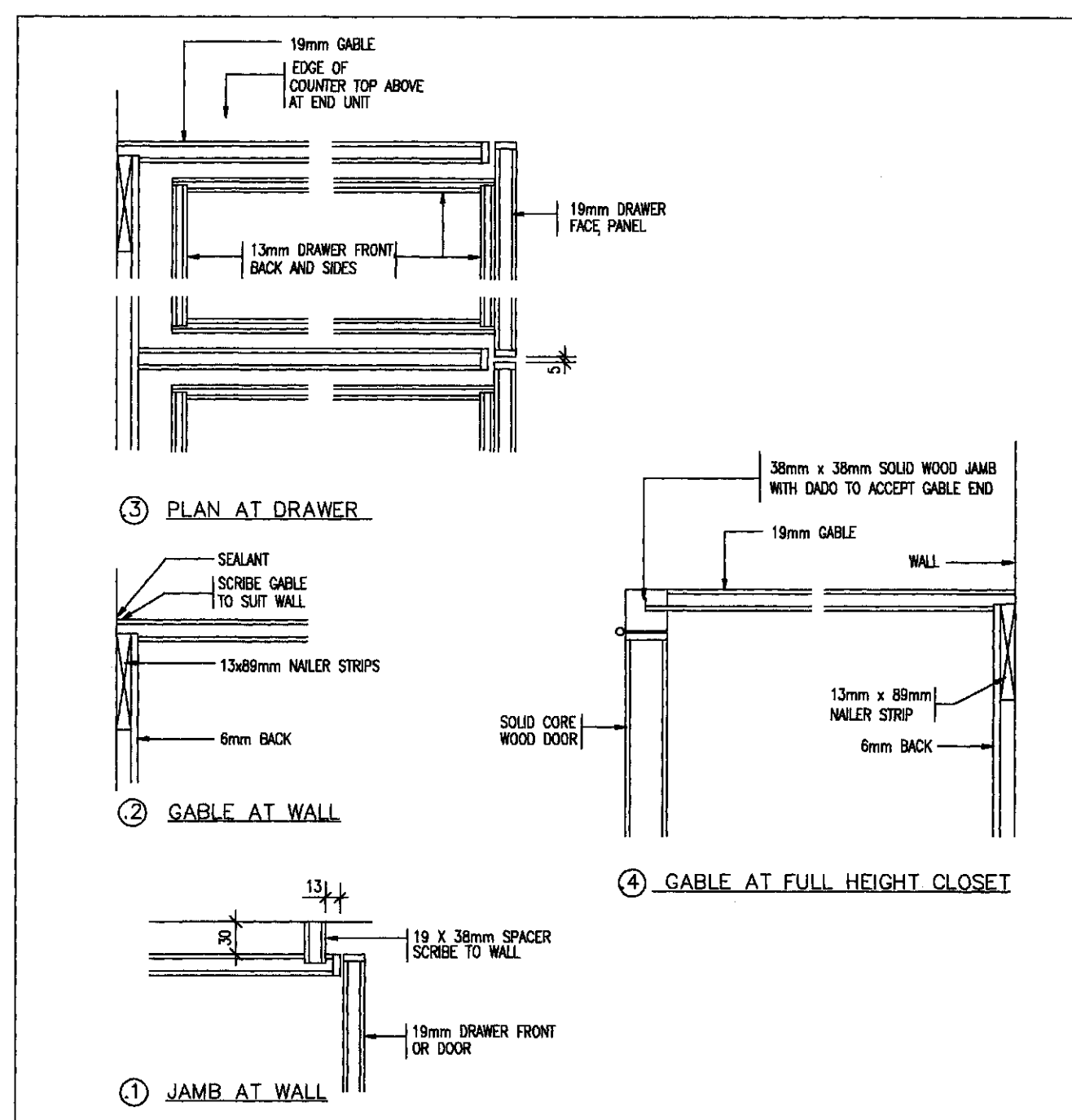
3 TYP. MILLWORK SECTION DETAILS
SD-2 N.T.S.



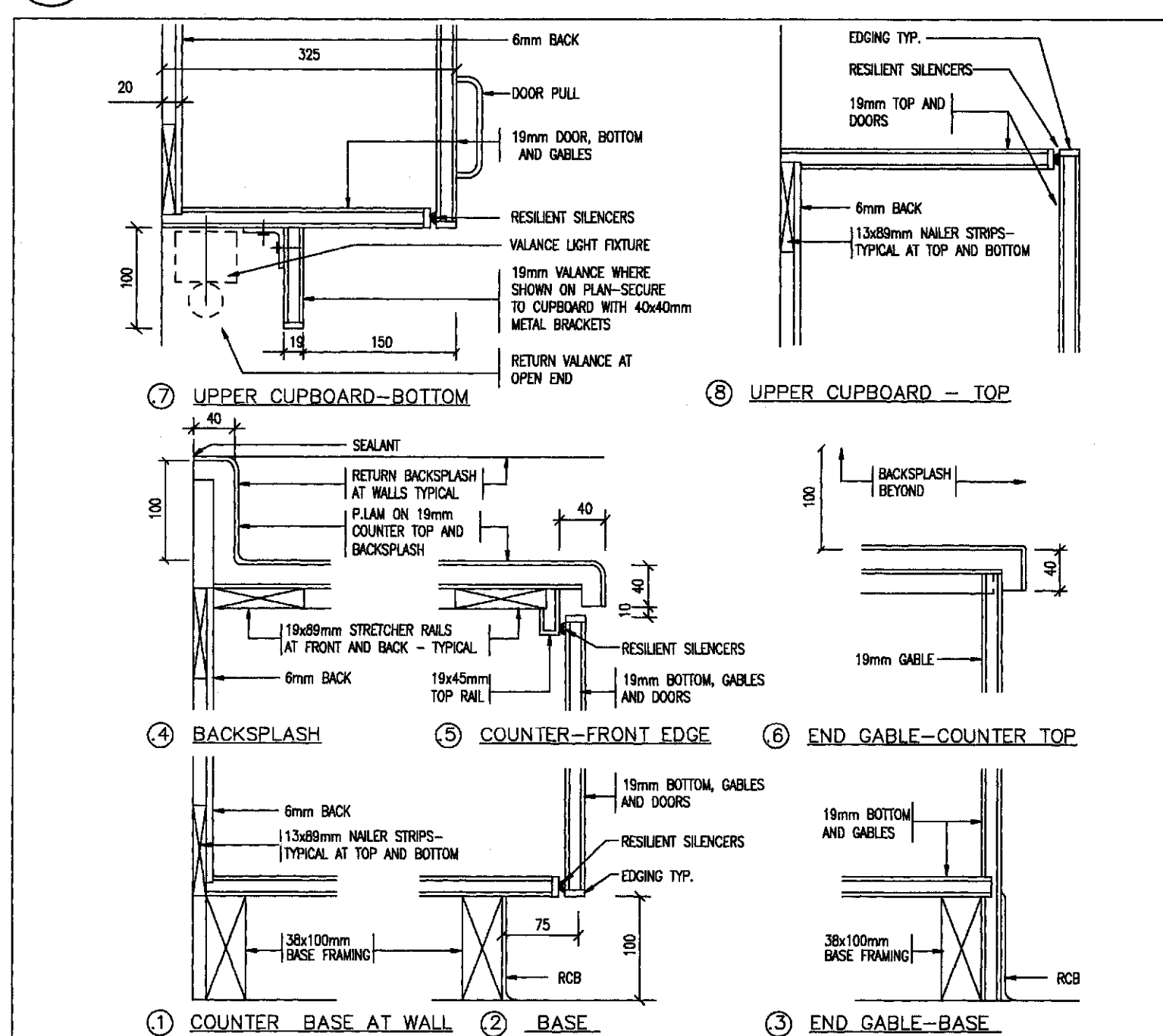
2 KINDERGARTEN CUBICLES
SD-2 N.T.S.



1 KINDERGARTEN BENCH
SD-2 N.T.S.



5 TYP. MILLWORK SECTION DETAILS
SD-2 N.T.S.



4 TYP. MILLWORK SECTION DETAILS
SD-2 N.T.S.