CHANDLER
ARCHITECTURE
DESIGN MATTERS

92 Queen Street, PO Box 550, Charlottetown
Prince Edward Island, Canada C1A 7L1
Tel: 902 628 6658
Fax: 902 566 9214
E-mail: info@wcarch.com
www.chandlerarchitecture.ca

ADDENDUM #3

PROJECT: Three Oaks Senior High School Renovations
TIE Project No 620-15005

DATE: January 5, 2017

This addendum forms part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The following items and prices shall be added to the tendered price for this project.

1. Refer to Spec Section 00 21 13, Instructions to Bidders

.1 Tender Closing: Sealed tenders will be received no later than 2:00 PM local time on Tuesday, January 17, 2017 at the location specified in the Bid Notice.

.2 Refer to 1.11, Security

Bid and Performance Bonds are to be made out to "Minister of Finance, Province of PEI".

2. Refer to Spec Volume 2 of 2, Scope of Work TP #4 – Interior Fit-Up

.1 Modify the Scope of Work for TP#4 as follows:

Add sentence 3.4.10 All door hardware for aluminium framed glazed doors shall be supplied and installed by TP #6 – Aluminium Framed Windows, Doors and Glazing and is **NIC**.

3. Refer to Spec Section 01 56 00, Temporary Barriers

.1 Contractor shall be required to install temporary infill partitions in window openings where existing windows are removed to allow for removal of panel surrounds and window refurbishment. Temporary infill partitions shall be insulated and air/water sealed. Exterior cladding shall be painted exterior grade 19 mm plywood or approved equal panel material on wood or steel stud framing, insulated. Interior face need not be finished.

4. Refer to Spec Section 02 83 11, Hazardous Materials Abatement and Spec Section 09 91 23, Interior Painting

.1 It is not the intent to remove lead-content paint from interior walls designated as remaining (not demolished). For these walls, wash, rinse and apply a super-adherent primer for latex onto oil-based paint to encapsulate the existing paint finish.

.2 Bidders shall refer to the Demolition Plans (A1-A7) for scope of interior partition walls to be removed which are finished with lead-content paint as identified in the Stantec Report.

5. Refer to Spec Section 05 50 00, Metal Fabrications

.1 Add Paragraph 2.12 ALUMINUM ENTRANCE DOOR GUARD "50 mm stainless steel HSS guard rails at aluminum entrances. See attached ASK- 5 for details. Provide one unit between Doors 200A and 200B, one to the right of Door 200B, one between Door 201A and 201B, one between Doors 407A and 407B and one between Doors 406A and 406B (5 Total)".

6. Refer to Spec Section 06 20 00, Finish Carpentry

2.8 10mm Stonewood Architectural Panels in Monticello Maple by Fiberesin Industries shall be considered equal for use in this work.

7. Refer to Spec Section 06 40 00, Architectural Woodwork

.1 Architectural Millwork (Scope of Work Item #10) in Washroom 505 and Personal Care 507 shall be as per ASK-4 attached (one unit per room, two units total).

8. Refer to Spec Section 07 27 00.01, Air Barriers

2.1.1.1 Delta-Vent SA water resistive and air barrier by Delta System and WrapShield SA by VaproShield shall be considered equal for use in this work.

9. Refer to Spec Section 08 33 23.01, Overhead Coiling Doors and Grilles

2.2.8 Model 500 Coiling Door by Wayne/Dalton shall be considered equal for use in this work.

10. Refer to Spec Section 08 71 00, Door Hardware

All aluminum door hardware supply and installation except as noted below shall be by aluminum door supplier. For all aluminum doors, weather-strip and thresholds shall be by door manufacturer, Card Access and Power supplies by Div 10, Master Keyed Cylinders by Section 08 71 00.

Continuous hinges shall be as noted in following Schedule by McKinney
Exit devices shall be as noted in following Schedule by Sargent
Closers shall be as noted in following Schedule by Sargent
Switches shall be as noted in following Schedule by Camden Controls
Switching network shall be as noted in following Schedule by Camden Controls
Power operators shall be as noted in following Schedule by Nabco
Push/Pull shall be as noted in following Schedule by Standard Metal
Wall stop shall be as noted in following Schedule by Standard Metal
Deadlock shall be as noted in following Schedule by Adams Rite
Flush bolts shall be as noted in following Schedule by Alumicor
Electric Strike shall be as noted in following Schedule by HES
Confirmation of type and size and quanity of cylinders to be confirmed to GC.

3.6 Replace Aluminum Door Hardware Packages with the following:

SET #AL01 (Doors: 407A, 100A, 314)

1	Continuous Hinge	MCK-12HD 2108 SER	CLEAR	CMC
1	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1	Exit Device	56 AD 8410 F 862	32D	CSA
1	Exit Device	16 AD 8410 F 862	32D	CSA
1	Closer	351 O	EN	CSA
2	Switch	CM-40 X CM-59S	SS	VA01
1	Switching Network	CX-33		MCCM
1	Power Operator	GT8500	C	VA01

SET #AL02 (Doors: 407B, 200B)

2	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
2	Exit Device	16 AD 8410 F 862	32D	CSA
2	Closer	351 O	EN	CSA

SET #AL03 (Doors: 201A)

2	Continuous Hinge	MCK-12HD 2108 SER8	CLEAR	CMC
1	Exit Device	56 AD 8410 F 862	32D	CSA
1	Exit Device	56 AD 8410 F 106 862	32D	CSA
1	Closer	351 O	EN	CSA
2	Switch	CM-40 X CM-59S	SS	VA01
1	Switching Network	CX-33		MCCM
1	Power Operator	GT8500	C	VA01

SET #AL04 (Doors: 201B)

2	Continuous Hinge	MCK-12HD 2108 SER8	CLEAR	CMC
2	Exit Device	56 AD 8410 F 106 862	32D	CSA
2	Closer	351 O	EN	CSA

SET #AL05 (Doors: 406B, 132A, 132B, 330B)

2	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
2	Push/Pull	3012 X 6032	32D	VA01
2	Closer	351 O	EN	CSA
2	Wall Stop	S120	26D	CSM

SET #AL06 (Doors: 406A, 315A)

2	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
2	Push/Pull	3012 X 6032	32D	VA01
1	Closer	351 O	EN	CSA
2	Switch	CM-40 X CM-59S	SS	VA01
1	Switching Network	CX-33		MCCM
1	Power Operator	GT8500	C	VA01

SET #AL07 (Doors: 002, 003, 006, 131A, 131B)

2	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
2	Exit Device	AD 8410 F	32D	CSA
2	Closer	351 O	EN	CSA
2	Wall Stop	S120	26D	CSM

SET #AL08 (Doors: 134A, 134B)

1	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1	Exit Device	16 AD 8504 F 862	32D	CSA
1	Closer	351 O	EN	CSA

SET #AL09 (Doors: 136A, 307B)

1 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1 Exit Device	AD 8510 F	32D	CSA
1 Closer	351 O	EN	CSA

SET #AL10 (Doors: 001)

1 Continuous Hinge	MCK-12HD 2108 SER8	CLEAR	CMC
1 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1 Exit Device	56 AD 8410 F 106 862	32D	CSA
1 Exit Device	16 AD 8410 F	32D	CSA
2 Closer	351 O	EN	CSA

SET #AL11 (Doors: 330A)

2 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1 Exit Device	16 AD 8410 F 862	32D	CSA
1 Exit Device	16 AD 8410 F 106 862	32D	CSA
2 Closer	351 O	EN	CSA

SET #AL12 (Doors: 318A)

1 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1 Deadlock	MS1850S	628	CAD
1 Closer	351 O	EN	CSA

SET #AL13 (Doors: 109, 125)

2 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
2 Flush Bolt	7631		VA01
1 Lockset	8205 LNJ	32D	CSA
1 Closer	351 O	EN	CSA
2 Wall Stop	S120	26D	CSM

SET #AL14 (Doors: 121A, 121B)

2 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1 Exit Device	16 AD 8410 F 862	32D	CSA
1 Exit Device	16 AD 8410 F 106 862	32D	CSA
2 Closer	351 O	EN	CSA
2 Wall Stop	S120	26D	CSM

SET #AL15 (Doors: 219A)

1 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1 Exit Device	16 8504 F 862 LC	32D	CSA
1 Electric Strike	9600	630	CHS
1 Closer	351 O	EN	CSA
1 Wall Stop	S120	26D	CSM

SET #AL16 (Doors: 219B, 232)

1 Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1 Exit Device	16 AD 8513 F ETJ	32D	CSA
2 Switch	CM-40 X CM-59S	SS	VA01
1 Wall Stop	S120	26D	CSM
1 Power Operator	GT8500	C	VA01

SET #AL17 (Doors: 250A)

2	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1	Exit Device	16 AD 8410 F	32D	CSA
1	Exit Device	16 AD 8410 F 106 862	32D	CSA
2	Switch	CM-40 X CM-59S	SS	VA01
2	Wall Stop	S120	26D	CSM
1	Switching Network	CX-33		MCCM
1	Power Operator	GT8500	C	VA01

SET #AL18 (Doors: 250B)

2	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1	Exit Device	16 AD 8410 F	32D	CSA
1	Exit Device	16 AD 8410 F 106 862	32D	CSA
2	Closer	351 O	EN	CSA
2	Wall Stop	S120	26D	CSM

SET #AL19 (Doors: 301)

1	Continuous Hinge	MCK-12HD 2108	CLEAR	CMC
1	Exit Device	16 AD 8513 F ETJ	32D	CSA
1	Closer	351 O	EN	CSA
1	Wall Stop	S120	26D	CSM

11. Refer to Spec Section 09 21 16, Gypsum Board Assemblies

2.1.1 USG Sheetrock Brand Mold Tough Firecode X Panel shall be considered equal for use in this work.

2.1.2 USG Durock Brand Cement Board shall be considered equal for use in this work.

2.1.3 USG Securock Brand Glass-Mat Sheathing shall be considered equal for use in this work.

12. Refer to Spec Section 09 51 13, Acoustical Panel Ceilings

2.1.1.15 CGC Radar Climaplus Performance by CGC and School Zone Fine Fissured Fire Rated High NRC by Armstrong shall be considered equal for use in this work.

2.1.1 Type 1 Acoustic Panel Ceiling in Theatre/Stage, 292 shall be 'Black' in colour. All other Acoustic Panel Ceilings shall be 'White'.

2.1.2.12 CGC Radar Climaplus High-CAC, High-NRC by CGC and School Zone Fine Fissured High NRC by Armstrong shall be considered equal for use in this work.

2.1.3.13 CGC Clean Room Climaplus by CGC and Clean Room VL by Armstrong shall be considered equal for use in this work.

2.1.3 Type 3 Acoustic Panel Ceiling assemblies shall have a 1 HR fire rating.

13. Refer to Spec Section 09 53 00.01, Acoustical Suspension

2.1 Grid in Theatre/Stage 292 shall be 'Black' in colour. All other grids to be 'White'.

2.1 All grid assemblies for Type 1 and Type 3 Acoustic Panel Ceilings shall be 1 HR fire rated installation.

2.1 DX/DXL Firecode Suspension System by CGC and Prelude XL Suspension System by Armstrong shall be considered equal for use in this work.

14. Refer to Spec Section 10 11 23, Tackboards

2.4.2 Series 20 Deluxe Cork Bulletin Boards by Delta Products shall be considered equal for use in this work.

15. Refer to Spec Section 10 12 23, Whiteboards

2.5.3.1 Series 20 Duro-Delta Porcelain Whiteboards by Delta Products shall be considered equal for use in this work.

2.5.3.2 Series 40H Horizontal Slider by Delta Products shall be considered equal for use in this work.

16. Refer to Spec Section 10 21 13.19, Plastic Toilet Compartments

2.1 Phenolic Black Core Partitions by Global Partitions shall be considered equal for use in this work.

17. Refer to Spec Section 10 28 10, Toilet and Bath Accessories

2.2.5 ASI-3757P Grab Bar shall be considered equal for use in this work.

2.2.6 ASI-3413 Swing-Up Grab Bar shall be considered equal for use in this work.

2.2.7 ASI-7340-S Robe Hook shall be considered equal for use in this work.

2.2.8 ASI-0620 Fixed Channel Frame Mirror shall be considered equal for use in this work.

18. Refer to Spec Section 10 51 13, Metal Lockers

.1 Supply and install 32 mm thick HW laminate seat with rounded corners and edges, clear lacquer finish and painted steel base non-fixed Locker Room Benches as follows. Benches by Hadrian and ASI shall be accepted:

.1 Change Room 104: (3) 241 mm x 1829 mm

.2 Change Room 107: (3) 241 mm x 1829 mm and (1) 241 mm x 1219 mm

.3 Change Room 112: (4) 241 mm x 1219 mm

.4 Change Room 115: (4) 241 mm x 1219 mm

2.1.1 Elite Flush Door Single Tier Locker by General Storage Systems shall be considered equal for use in this work. **Include any on-site assembly.**

2.1.1 Traditional Collection Single Tier Locker with Double Pan Option by ASI Lockers shall be considered equal for use in this work. Include any on-site assembly.

2.1.2 Event Flush Door Double Tier Locker by General Storage Systems shall be considered equal for use in this work. **Include any on-site assembly.**

2.1.2 Competitor Collection Double Tier Locker by ASI Lockers shall be considered equal for use in this work. **Include any on-site assembly.**

2.1.3 Event Flush Door Single Tier Locker by General Storage Systems shall be considered equal for use in this work. **Include any on-site assembly.**

2.1.3 Competitor Collection Single Tier Locker by ASI Lockers shall be considered equal for use in this work. **Include any on-site assembly.**

19. Refer to Spec Section 10 56 00 Seating Systems

2.1 Maxam Plus Telescopic platform by Hussey Seating shall be considered equal for use in this work.

2.2.1 Courtside seat by Hussey shall be considered equal for use in this work.

2.2.2 Metro seat by Hussey shall be considered equal for use in this work.

20. Refer to Spec Section 10 80 00 Miscellaneous Specialties

2.1.1.6 The Single-Leaf Roof Scuttle, Type NB-20 by Bilco shall be considered equal for use in this work.

2.4.1.4 The BB-19 Gooseneck Single Post Outdoor Basketball Backstop with BB-23B Aluminum Backboard by Gymnasium and Health Equipment Limited (Waller Agencies) shall be considered equal for use in this work.

2.4.1.4 The PK4565 Gooseneck Standard Package with GN45R Backboard and 240 Goal by Gared (Centaur Products) shall be considered equal for use in this work.

2.6.2 BB-44 Pro-Mold Bolt-On Backboard Padding by Gymnasium and Health Equipment Limited (Waller Agencies) shall be considered equal for use in this work.

21. Refer to Spec Section 12 21 00, Theatre Curtains

2.2 #2800 Track, #2851 Carriers, #2852 Master Carrier, #2803 Live End Pulley, #2804 Dead End Pulley, #2807 Lap Clamp, #2808 Hanaging Clamp, #2809 End Stop, #2828 Sash Cord (3/8") and #2805 Floor Pulley by Automated Devices Company shall be considered equal for use in this work.

22. Refer to Spec Section 12 21 13, Horizontal Roller Blinds

2.1.1.11 Mermet E-Screen with 1% openness shall be considered equal for use in this work.

2.1.2.1 Light Harvesting Shading Solutions LHSS 150 by Lutron shall be considered equal for use in this work.

23. Refer to Spec Section 12 22 00 Privacy Curtain Systems

2.1.3 C/S Traditional Curtains in Nami by Arc Com shall be considered equal for use in this work.

2.3.3 #6262N Surface-Mount Aluminum Cubicle Track with #1062N Carriers and accessories by C/S Cubicle Curtains shall be considered equal for use in this work.

24. Refer to Drawings SP1 and SP2

.1 Replace Drawings SP1 and SP2 with the revised SP1R and SP2R attached. PDFs of the revised drawings may be viewed and downloaded from the link provided.

.2 Borehole results for BH1-BH5 by Stantec have been provided for Bidder's reference. See attached.

.3 Only the MH #1 and CB/MH #6 identified on SP1 are to be replaced.

25. Refer to Drawing A2, Level 1B Demolition

.1 Remove 200mm thick existing concrete block Corridor wall at top of floor cut-out for new ramp to Cafeteria. Refer to Floor Plan A10 near Door 258A.

26. Refer to drawing A10, Level 1B Floor Plan and A11, Level 1C Floor Plan

.1 Scope of Work Item #47 "New Acoustic Wall Panels":

Supply and install 19 mm thick Soundsoak 60 'Metallion' unperforated acoustic wall panels with NRC 0.65, mineral fibre core and woven fabric finish by Armstrong or approved equal as follows:

.1 Cafeteria 134: Sixteen (16) panels 762 mm x 2743 mm mounted to the upper portions of three walls facing the stage. Exact position and fabric colour to be provided by Consultant.

.2 Band Room 273: Fourteen (14) panels 762 mm x 2438 mm and two (2) panels 762 mm x 1828 mm, mounted to the upper portions of perimeter walls. Exact position and fabric colour to be provided by Consultant.

.3 Theatre/Stage 292: Three (3) panels 762 mm x 1828 mm and five (5) 762 mm x 2438 mm panels, mounted to the upper portions of walls above seating. Fabric colour to be Black. Exact position to be provided by Consultant.

27. Refer to Drawing A24, Change Rooms

.1 Lockers elevated in Details 16, 18, 19 and 21 are to be doubles.

28. Refer to Drawing A25, Detail 15

.1 Delete Three (3) Greenhouse Tables. Three existing units, similar to those detailed except approximately 1828 mm long, will be Owner-supplied. Contractor to apply new galvanized steel sheet table top, re-paint steel legs and frames and install new 19 mm thick painted plywood lower shelf to replace existing. Confirm unit dimensions before doing any work.

29. Refer to Drawing A30, Library

.1 Detail Section 9 should be labeled "10:A30:A30".

.2 Detail Section 10 should be labeled "11:A30:A30".

.3 On Detail 1:A30:A30, the Canopy should reference Detail 12:A30:A30.

30. Refer to Drawing A44, Door Schedule

.1 Replace Frame Types with the attached ASK-9 and ASK-10 with dimensions.

31. Refer to Drawing A45, Finish Schedule and Spec Section 09 30 13, Ceramic Tiling

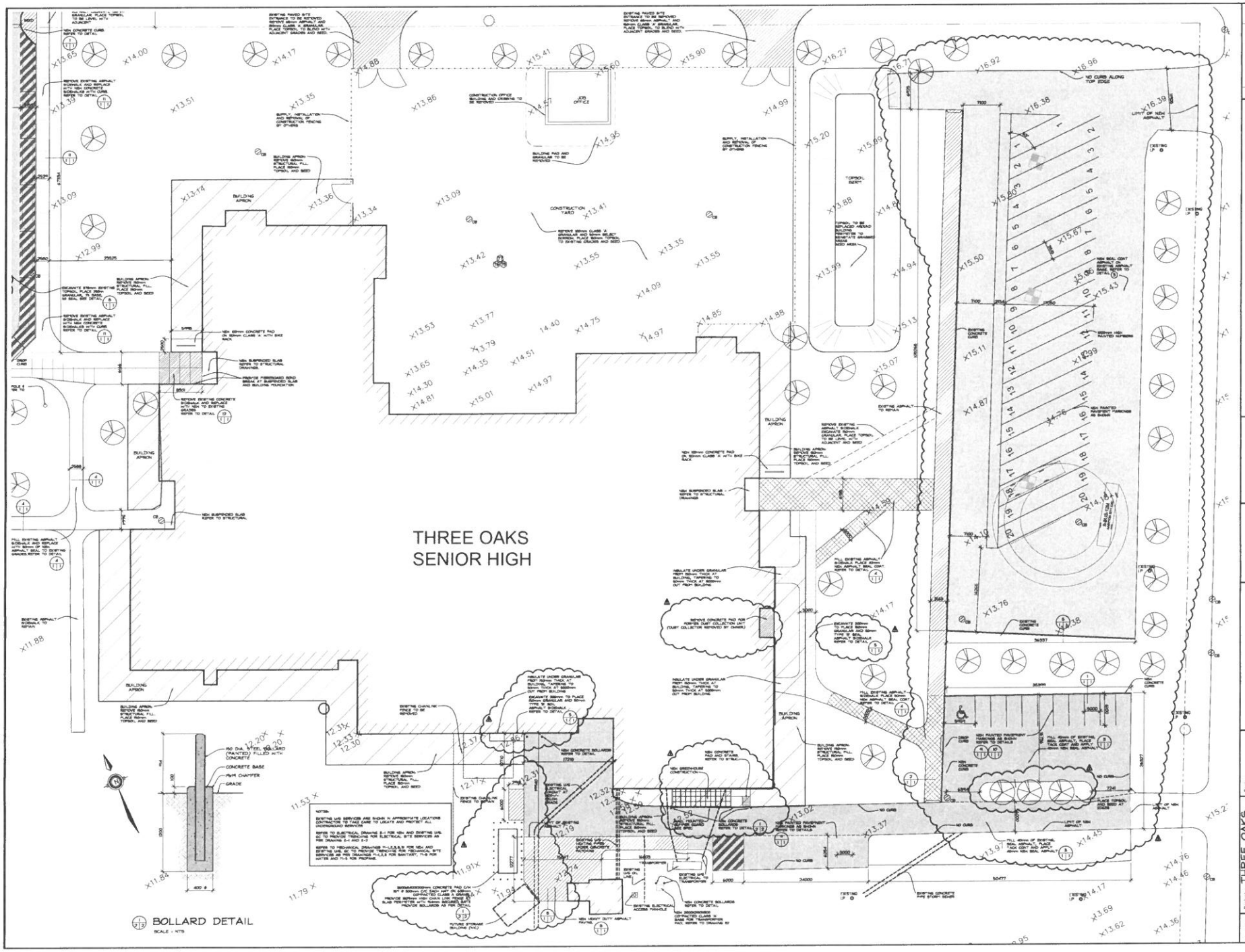
.1 Supply and install Type 1 porcelain tile in new Elevator Cab.

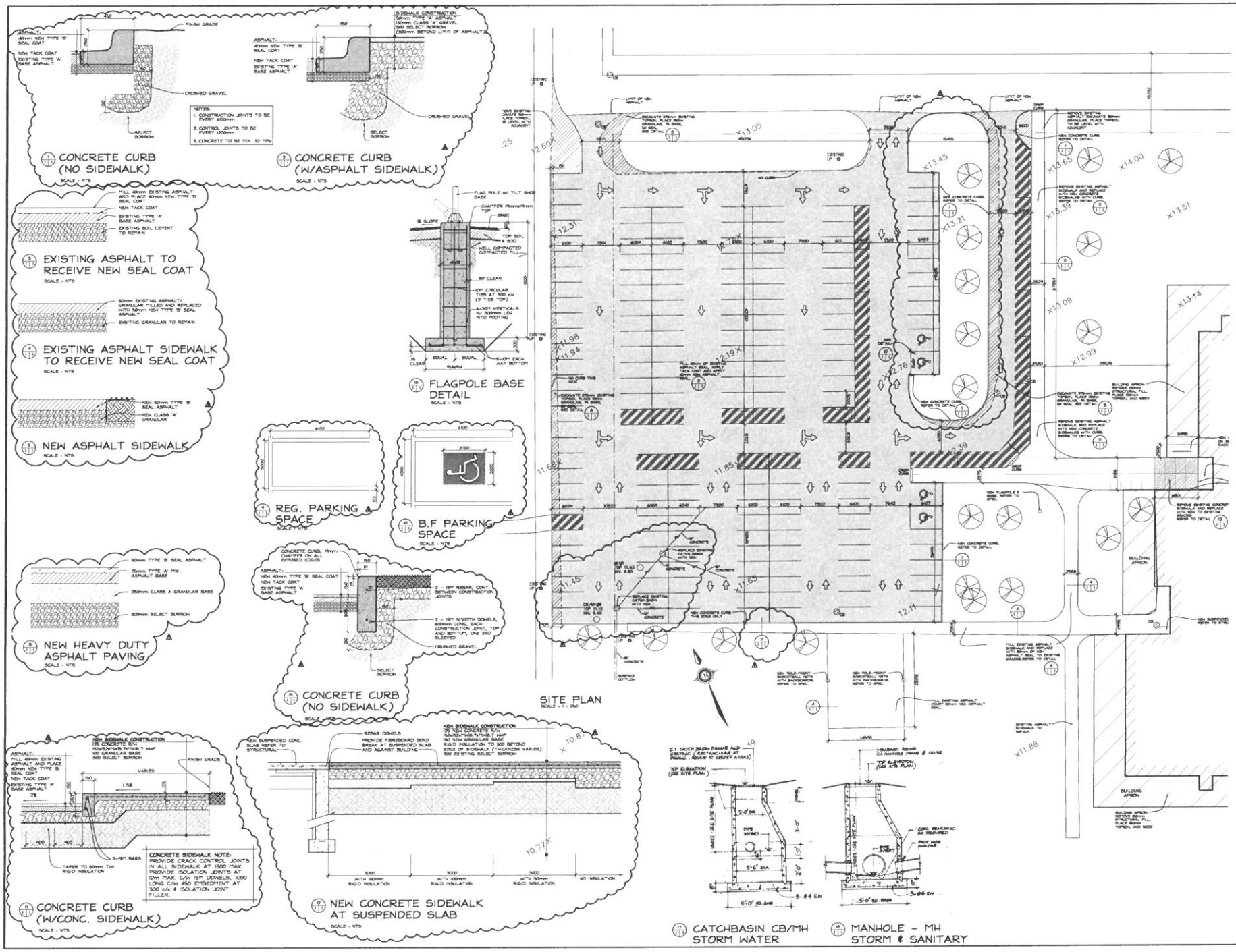
.2 Supply and Install Type 1 porcelain tile on side walls of raised floor between sets of steps from Corridor 244 (outside Library 250) and Cafeteria 134 as well as side walls of new ramp and raised floor at side of new ramp.

.3 Change Legend description for WT-2 to be 30mm solid surface sill with hardwood jambs, apron, head trims and window returns.

.4 On Finish Schedule, Change the Room Name for 111 to be "PHYSIO". Change the Floor Finish designation to "FL-3". Change the Wall Base designation to "BA-1".

.5 On Finish Schedule, Change the Room Name for 110 to be "STORAGE". Change the Floor Finish designation to "FL-1".


THREE OAKS
SENIOR HIGH
JOB OFFICE
BUILDING APRON
CONSTRUCTION YARD
TOPSOIL
NO CURB ALONG TOP EDGE
LIMIT OF NEW ASPHALT
EXISTING ASPHALT TO REMAIN
BOLLARD DETAIL
SCALE : NTS
CHANDLER
ARCHITECTURE
DESIGN MATTERS
THREE OAKS
SR HIGH SCHOOL
RENOVATION
TIE #6620-15005
WEST SITE PLAN
SP2R
2 OF 2


CONCRETE CURB (NO SIDEWALK)
SCALE : NTS
CONCRETE CURB (W/ASPHALT SIDEWALK)
SCALE : NTS
EXISTING ASPHALT TO RECEIVE NEW SEAL COAT
SCALE : NTS
EXISTING ASPHALT SIDEWALK TO RECEIVE NEW SEAL COAT
SCALE : NTS
NEW ASPHALT SIDEWALK
SCALE : NTS
FLAGPOLE BASE DETAIL
SCALE : NTS
REG. PARKING SPACE
SCALE : NTS
B.F PARKING SPACE
SCALE : NTS
NEW HEAVY DUTY ASPHALT PAVING
SCALE : NTS
CONCRETE CURB (NO SIDEWALK)
SCALE : NTS
SITE PLAN
SCALE : 1:250
CONCRETE CURB (W/CONC. SIDEWALK)
SCALE : NTS
NEW CONCRETE SIDEWALK AT SUSPENDED SLAB
SCALE : NTS
CATCHBASIN CB/MH STORM WATER
MANHOLE - MH STORM & SANITARY
CHANDLER ARCHITECTURE
DESIGN MATTERS
THREE OAKS SR HIGH SCHOOL RENOVATION
TIE #620-15005
EAST SITE PLAN
SPIR
2 OF 2

V:\01216\active\3829-121619798\figures_drawings_logs\121619798B-102.dwg

THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

BOREHOLE LOCATION PLAN

THREE OAKS HIGH SCHOOL

MACEWEN ROAD, SUMMERSIDE, PE

Job No.:	121619741
Scale:	1:1250
Date:	16.DEC.19
Dwn. By:	MO
App'd By:	MM
Dwg. No.:	1

Client: PEITIE

Stantec

Stantec

BOREHOLE RECORD

BH-01

CLIENT **Prince Edward Island Department of Transporation, Infrastructure and Energy** PROJECT No. **121619798**

LOCATION **Three Oaks High School, Summerside, Prince County, PE** BOREHOLE No. **BH-01**

DATES: BORING **2016/12/14** WATER LEVEL **Not Encountered** DATUM **none**

DEPTH (m)	ELEVATION (m)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES N-VALUE OR RQD
							mm	
0		ASPHALT (75 mm)						
		FILL: Soil cement (55 mm)						
		Reddish brown silty sand (SM): TILL			SS	1	585	12
		End of borehole						
1								
2								

Undrained Shear Strength - kPa: 20, 40, 60, 80

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/0.3m ★

Standard Penetration Test, blows/0.3m ●

10 20 30 40 50 60 70 80 90

△ Unconfined Compression Test

□ Field Vane Test ■ Remoulded

✖ Torvane

Stantec

BOREHOLE RECORD

BH-02

CLIENT **Prince Edward Island Department of Transporation, Infrastructure and Energy** PROJECT No. **121619798**

LOCATION **Three Oaks High School, Summerside, Prince County, PE** BOREHOLE No. **BH-02**

DATES: BORING **2016/12/14** WATER LEVEL **Not Encountered** DATUM **none**

DEPTH (m)	ELEVATION (m)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N-VALUE OR RQD
0		ASPHALT (75 mm)						
		FILL: Soil cement (100mm)						
		Reddish brown silty sand (SM): TILL			SS	1	535	13
		End of borehole						
1								
2								

Undrained Shear Strength - kPa: 20, 40, 60, 80

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/0.3m ★

Standard Penetration Test, blows/0.3m ●

10 20 30 40 50 60 70 80 90

△ Unconfined Compression Test

□ Field Vane Test ■ Remoulded

✖ Torvane

Stantec

BOREHOLE RECORD

BH-03

CLIENT **Prince Edward Island Department of Transporation, Infrastructure and Energy** PROJECT No. **121619798**

LOCATION **Three Oaks High School, Summerside, Prince County, PE** BOREHOLE No. **BH-03**

DATES: BORING **2016/12/14** WATER LEVEL **Not Encountered** DATUM **none**

DEPTH (m)	ELEVATION (m)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N-VALUE OR RQD
0		ASPHALT (100 mm)						
		FILL: Soil cement (150 mm)						
		Reddish brown silty sand (SM): TILL			SS	1	560	31
		End of borehole						
1								
2								

Undrained Shear Strength - kPa

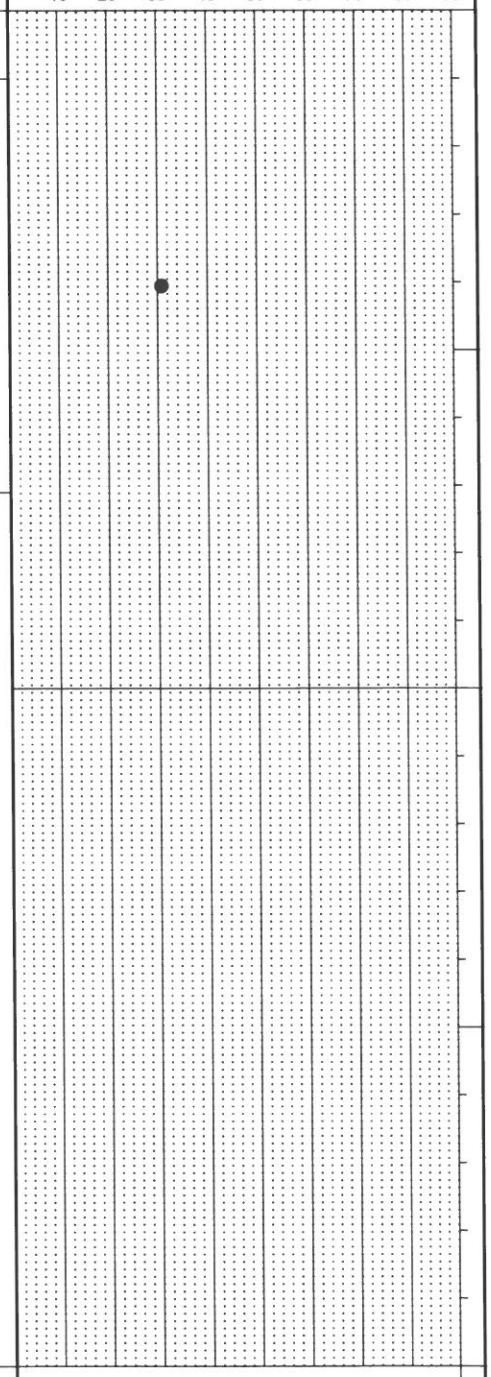
20 40 60 80

Water Content & Atterberg Limits W_P W W_L

Dynamic Penetration Test, blows/0.3m ★

Standard Penetration Test, blows/0.3m ●

10 20 30 40 50 60 70 80 90



△ Unconfined Compression Test

□ Field Vane Test ■ Remoulded

✖ Torvane

Stantec

BOREHOLE RECORD

BH-04

CLIENT **Prince Edward Island Department of Transporation, Infrastructure and Energy** PROJECT No. **121619798**

LOCATION **Three Oaks High School, Summerside, Prince County, PE** BOREHOLE No. **BH-04**

DATES: BORING **2016/12/14** WATER LEVEL **Not Encountered** DATUM **none**

DEPTH (m)	ELEVATION (m)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N-VALUE OR RQD
0		ASPHALT (75 mm)						
		FILL: Pulverized asphalt and gravel (175 mm)						
		Reddish brown silty sand (SM): TILL			SS	1	610	20
		End of borehole						
1								
2								

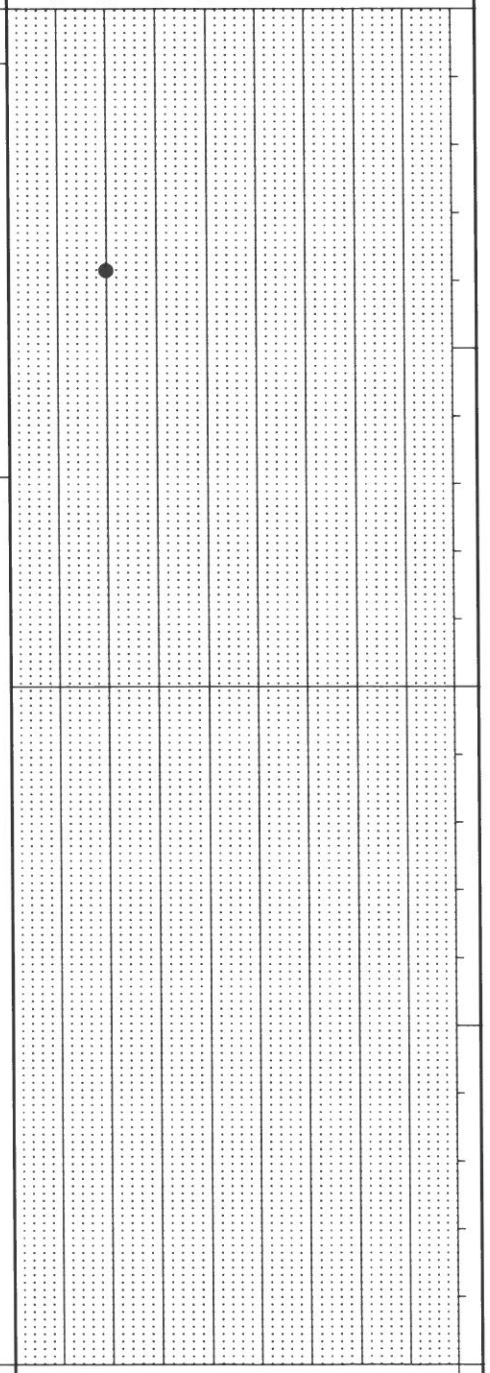
Undrained Shear Strength - kPa: 20, 40, 60, 80

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/0.3m ★

Standard Penetration Test, blows/0.3m ●

10 20 30 40 50 60 70 80 90



△ Unconfined Compression Test

□ Field Vane Test ■ Remoulded

✖ Torvane

Stantec

BOREHOLE RECORD

BH-05

CLIENT **Prince Edward Island Department of Transporation, Infrastructure and Energy** PROJECT No. **121619798**

LOCATION **Three Oaks High School, Summerside, Prince County, PE** BOREHOLE No. **BH-05**

DATES: BORING **2016/12/14** WATER LEVEL **Not Encountered** DATUM **none**

DEPTH (m)	ELEVATION (m)	SOIL DESCRIPTION	STRATA PLOT	WATER LEVEL	SAMPLES TYPE	SAMPLES NUMBER	SAMPLES RECOVERY (mm)	SAMPLES N-VALUE OR RQD
0		ASPHALT (75 mm)						
		FILL: Soil cement (225 mm)						
		Reddish brown silty sand (SM): TILL			SS	1	430	14
		End of borehole						
1								
2								

Undrained Shear Strength - kPa: 20, 40, 60, 80

Water Content & Atterberg Limits: W_P W W_L

Dynamic Penetration Test, blows/0.3m ★

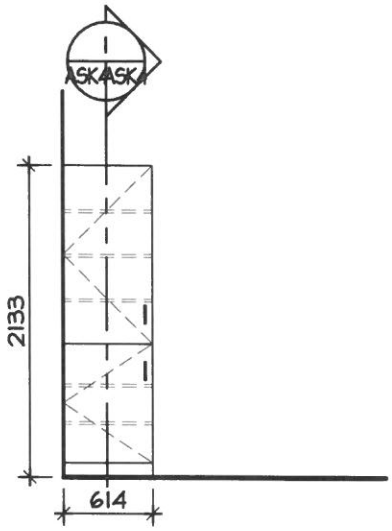
Standard Penetration Test, blows/0.3m ●

10 20 30 40 50 60 70 80 90

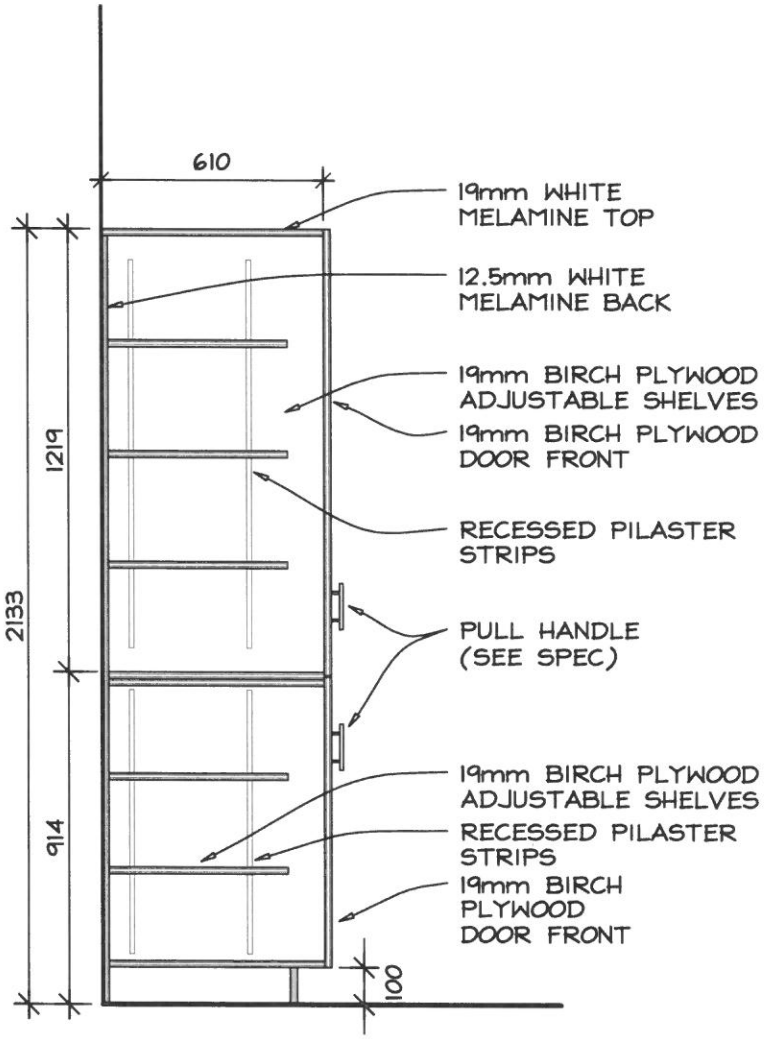
△ Unconfined Compression Test

□ Field Vane Test ■ Remoulded

✖ Torvane



ELEVATION
SCALE : 1 : 50



ASK ASK

SECTION
SCALE : 1 : 20

ASK-4

Project : THREE OAKS SR HIGH SCHOOL RENOVATION
TIE #620-15005

Sheet Title : -

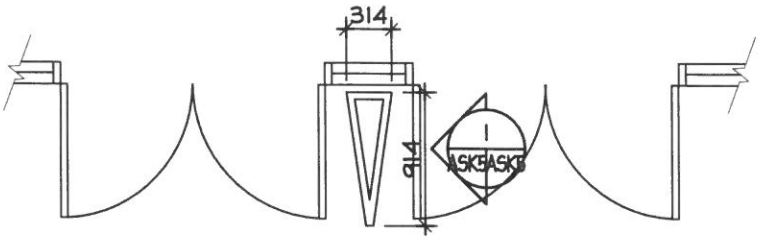
Scale: AS NOTED

Date: NOV 29, 2016

Drn BY: AJW

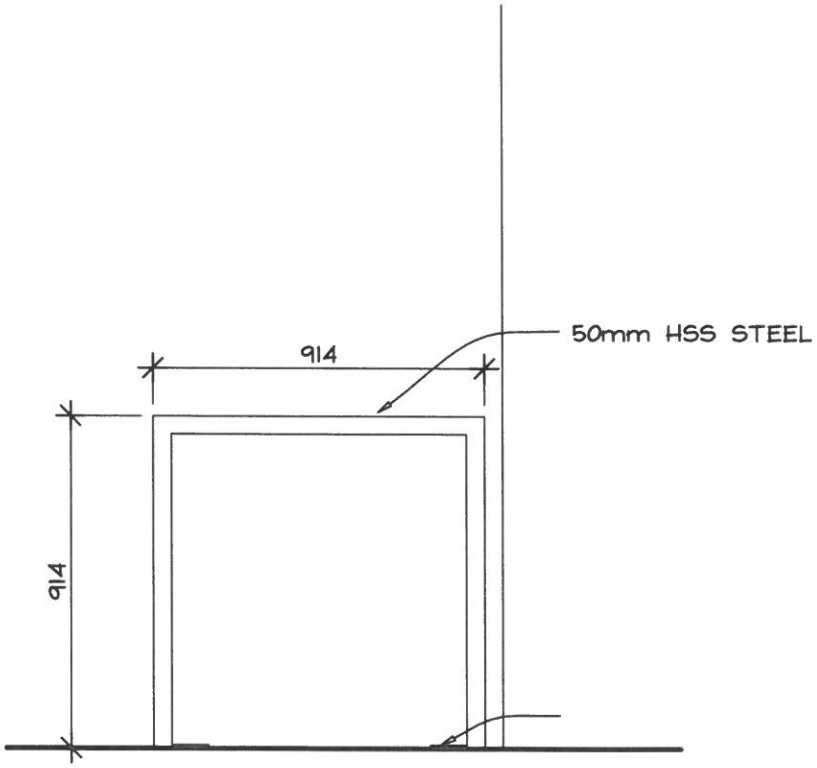
Job No.: WWC16-013ASK4

CHANDLER ARCHITECTURE
DESIGN MATTERS
92 Queen Street PO Box 650 Charlottetown
Prince Edward Island, Canada C1A 7L1
Tel: 902 628 6656
Fax: 902 566 6214 www.chandlerarchitecture.ca



TYPICAL PLAN VIEW

SCALE : 1 : 50



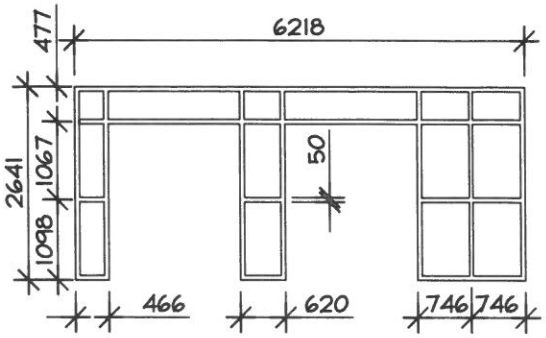
1 ASK5 ASK5

ELEVATION

SCALE : 1 : 20

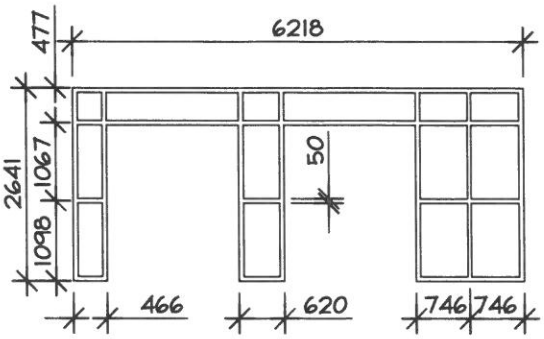
ASK-5

Project : THREE OAKS SR HIGH SCHOOL RENOVATION TIE #620-15005	Scale AS NOTED	CHANDLER ARCHITECTURE DESIGN MATTERS
	Date NOV 29, 2016	92 Queen Street PO Box 550 Charlottetown Prince Edward Island, Canada C1A 7L1
Sheet Title : ALUMINUM ENTRANCE DOOR GUARDS	Drn BY AJW	Tel: 902 628 6556 Fax: 902 566 6214 www.chandlerarchitecture.ca
	Job No. WIAC16-013ASK5	



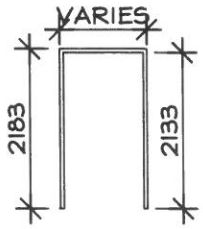
A

EXTERIOR ALUMINUM C/W THERMAL GLAZING UNITS AND SPANDREL PANELS



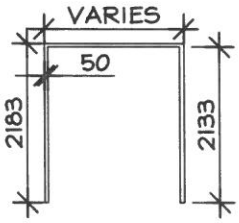
B

INTERIOR ALUMINUM C/W GLAZING UNITS AND SPANDREL PANELS



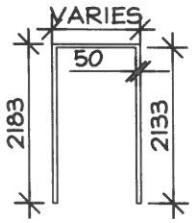
C

STEEL INTERIOR BUTT-TYPE



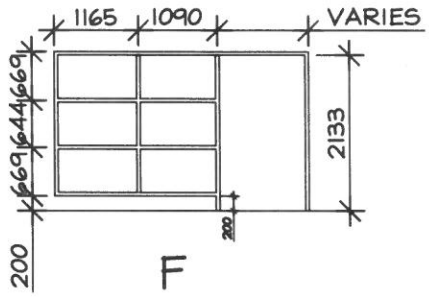
D

THERMALLY BROKEN ALUMINUM



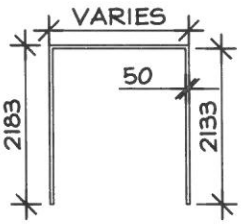
E

THERMALLY BROKEN STEEL



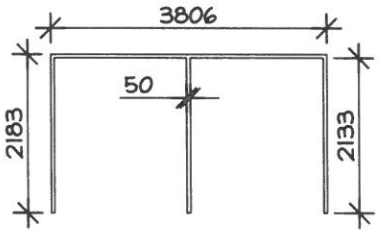
F

INTERIOR ALUMINUM C/W TEMPERED SAFETY GLAZING AND SPANDREL PANELS



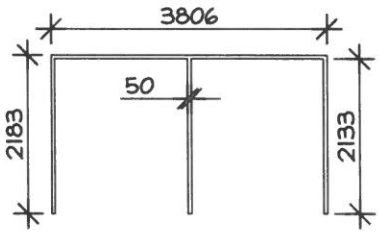
G

INTERIOR ALUMINUM



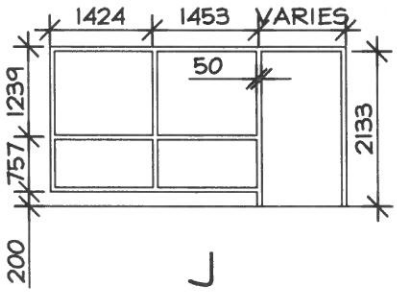
H

THERMALLY BROKEN ALUMINUM



I

INTERIOR ALUMINUM



J

EXISTING INTERIOR STEEL WITH NEW TEMPERED SAFETY GLAZING

ASK-9

Project : THREE OAKS SR HIGH SCHOOL RENOVATION
TIE #620-15005

Sheet Title :
FRAME TYPE DETAILS I
(FRAMES A-J)

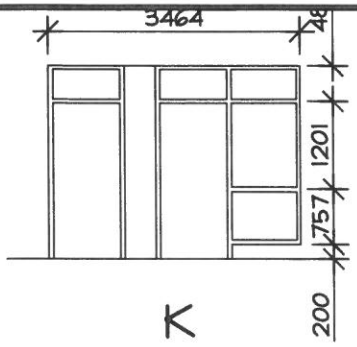
Scale: AS NOTED

Date: NOV 29, 2016

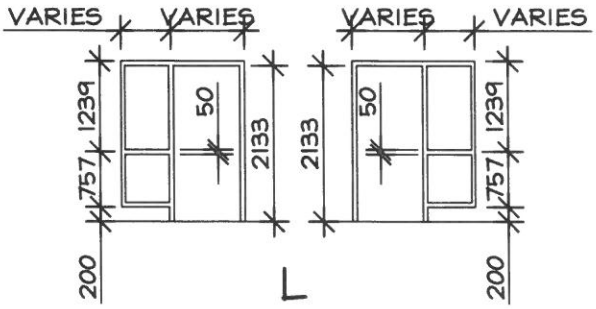
Drn BY: AJW

Job No. WIAC16-013ASK9

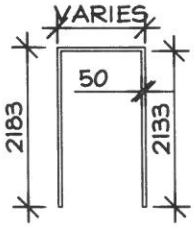
CHANDLER ARCHITECTURE
DESIGN MATTERS
92 Queen Street PO Box 850 Charlottetown
Prince Edward Island, Canada C1A 7L1
Tel: 902 628 6556
Fax: 902 566 6214 www.chandlerarchitecture.ca



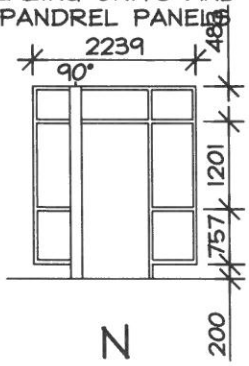
INTERIOR ALUMINUM C/W GLAZING UNITS AND SPANDREL PANELS



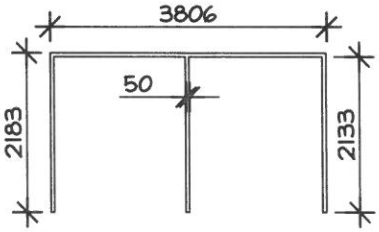
INTERIOR ALUMINUM C/W GLAZING UNITS AND SPANDREL PANELS



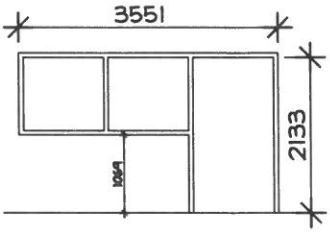
STEEL INTERIOR WRAP-AROUND TYPE



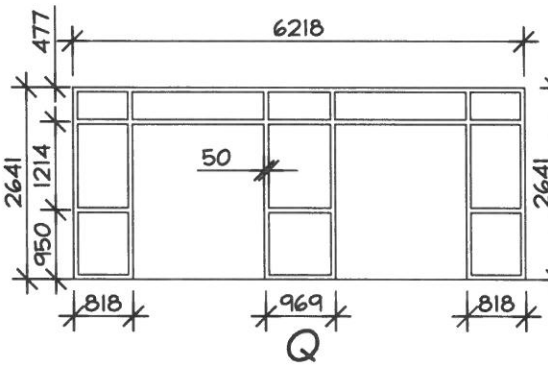
INTERIOR ALUMINUM C/W GLAZING UNITS AND SPANDREL PANELS



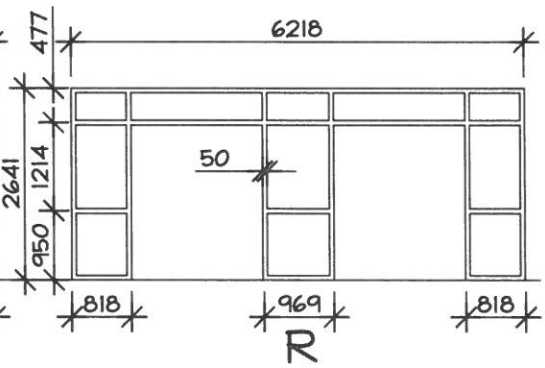
STEEL INTERIOR



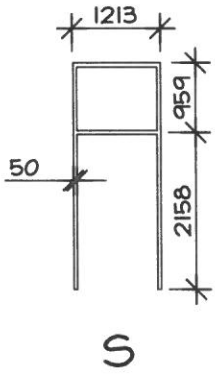
STEEL INTERIOR WITH GLAZING UNITS



EXTERIOR ALUMINUM C/W THERMAL GLAZING UNITS AND SPANDREL PANELS



INTERIOR ALUMINUM C/W GLAZING UNITS AND SPANDREL PANELS



EXTERIOR ALUMINUM C/W TRANSOM

ASK-10

Project : THREE OAKS SR HIGH SCHOOL RENOVATION
TIE #620-15005

Sheet Title :
FRAME TYPE DETAILS I
(FRAMES K-S)

Scale	AS NOTED
Date	NOV 29, 2016
Drn BY	AJW
Job No.	WWC16-013ASK10

CHANDLER ARCHITECTURE
DESIGN MATTERS
92 Queen Street PO Box 660 Charlottetown
Prince Edward Island, Canada C1A 7L1
Tel: 902 628 6656
Fax: 902 566 6214 www.chandlerarchitecture.ca