



PERCON CONSTRUCTION INC.

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SITE MEETING MINUTES No. 20

Meeting Location: 43 Millwood Road, Toronto, Ontario

Project: Davisville JPS Replacement – PERMIT # 18-169179

Meeting Date: december 18 2019

Minutes Issue Date: December 20, 2019

Meeting Time: 1:00pm

Minutes Prepared By: Nick S

Average Temp: +/- 10°C cloudy

Pages: 07 pages including this page

These minutes are assumed to be complete and a correct account of the items discussed, directions given and conclusions drawn unless this office is notified in writing to the contrary prior to the next site meeting or 5 business days.

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X				

2 TO 4 WEEK LOOK AHEAD

Project: Davisville JPS Replacement
Address: 43 Millwood Road, Toronto, Ontario
Contractor: Percon Construction Inc.
Owner: Toronto District School Board
Architect: Snyder Architects

Schedule	dec					dec					jan					jan					
	week of 23rd					week of 30th					week of 5th					week of 12th					
#	item / description	M	TU	W	TH	F	M	TU	W	TH	F	M	TU	W	TH	F	M	TU	W	TH	F
1																					
2	Excavation	x	x	x	x	x	x	n	n	x	x	x	x	x	x	x	x	x	x	x	x
3	Footing	x	m	m	m	x	x	e	e	x	x	x	x	x	x	x	x	x	x	x	x
4	Shoring	x	a	a	a	x	x	w	w	x	x										
5	waterproofing - in process	x	s	s	s	x	x			x	x	x	x	x	x	x	x	x	x	x	x
6	solid pipe waterproofing install at shoring 'blind side' - done upto grid 16, will resume when shoring complete							y	y												
7	inside foundation weeping tile - tbd until shoring done							e	e												
8								a	a												
9								r	r												
10	masonry work	x				x	x			x	x	x	x	x	x	x	x	x	x	x	x
11	mechanical rough-in	x				x	x			x	x	x	x	x	x	x	x	x	x	x	x
12	electrical rough-in	x				x	x			x	x	x	x	x	x	x	x	x	x	x	x
13	structural steel - restart in new year												x	x	x	x	x	x	x	x	x
14	precast slab 2nd flr / low roof - TBD																				
15	precast slab 3rd flr / roof - TBD																				
16	exterior fdn weeping tile - on pause until parking ramp work is being done - TBD																				
17	Removing debris off site - on hold until spring																				
18	contaminated soil removal off site - on hold until april																				

Progress as of this meeting:

site grading work = 5%
 site services = 0%

backfilling = 65%
 footings (excavate + form + rebar + concrete) = 90%
 fdn walls (excavate+ form + rebar + concrete) = 90%
 mech underground (int + ext) = 65%
 elect underground (int + ext) = 65%
 telephone/data ductbank = 0%
 electrical ductbank = 0%
 masonry walls 1st floor (LB) = 90%
 masonry walls 1st floor (NLB) = 0%
 masonry walls 2nd floor (LB) = 0%
 masonry walls 2nd floor (NLB) = 0%
 mech + elect + sprink rough in (1st) = 0%
 mech + elect + sprink rough in (2nd) = 0%
 structural steel (bearing plate + columns + beams + OWSJ + deck) = 75%
 precast slab = 25%
 S.O.G (stone + concrete) = 85%
 topping work = 0%
 windows (alum + curtain wall + glass) = 0%
 HM Door Frame install = 10% - (note: all 1st flr frames on site)
 HM Door install = 0%
 painting (1st + 2nd) = 0%
 flooring (1st + 2nd) = 0%
 ceilings (1st + 2nd) = 0%
 millwork (1st + 2nd) = 0%
 Wood Door install = 0%
 Wood Door Frame install = 0%
 mech + elect + sprink finishes (1st) = 10%
 mech + elect + sprink finishes (2nd) = 0%

concrete curbs = 0%
 concrete surfaces (sidewalks + pads) = 0%
 asphalt (subbase + base + top) = 0%
 brick veneer = 0%
 fencing = 0%
 final grading = 0%
 planting = 0%
 sod = 0%

GENERAL OVERVIEW (NEW ITEMS IN BOLD)	
<p>As of this meeting we are at: CD# 04 As of this meeting we are at: PC# 27 As of this meeting we are at: SI# 74 As of this meeting we are at: RFI# 108 - Unanswered As of this meeting we are at: CO# 36 – with owner: As of this meeting lost days due to weather are: 18 – not linear days As of this meeting the weather is: -7 °C +-</p>	
OUTSTANDING REQUEST FOR INFORMATION (RFI) (NEW ITEMS IN BOLD)	ACTION BY
Refer to the attached RFI Log regarding status	
SHOP DRAWING SUBMISSION STATUS (NEW ITEMS IN BOLD)	ACTION BY
Refer to the attached Shop Drawing Log regarding status	
CASH ALLOWANCE ITEMS – DIVISION 01 21 00, ITEM 1.1.4	ACTION BY
1 – Supply and install of interior and exterior signage (excluding traffic signage). In design stage (mtg 4) on going (mtg 5)	Board Snyder
2 – Toronto Hydro service connection charges . SI from Snyder to be issued. (mtg 3) EW-e note Shaheed sent an email (apr-29-19) to owner noting budget cost of \$92k. Owner note to issue instruction to pay \$92k cheque for hydro work via cash allowance. Snyder to issue instruction (mtg 4) board and snyder to discuss, before instruction issued engage T.O hydro, and to pay via cash allowance (mtg 5) EW-e to speak to Sal to sort out so that payments can be issued (mtg 6) Board & EW-E have spoken, but need to speak again. As percon wants the primary and secondary installed this year, along with a power shack for site power usage until the building is ready (mtg 7) as discussed cec to speak to Toronto hydro if allowed to have a power shack on site (mtg 8) T.O will not allow a power shack, must have temp pwr pole until site is ready (mtg 10) as discussed march 2020 (or sooner) the exterior service work needs to be started and completed in preparation for Toronto hydro (mtg 17)	noted
3 – Natural gas utility company charges for new gas connection . Site Instruction from EWE to be issued. (mtg 3) EW-M to look into natural gas offer to connect , with Enbridge, and obtain a budget cost to be presented to the owner, so that a formal instruction can be issued to pay for the service via cash allowance (mtg 4) on going issue EW-M to contact board directly if there is an issue (mtg 5) (mtg 6) EW-M is noting as per spec that it is the mechanical contractor has to make the call to Enbridge in regards to set up (mtg 7) (mtg 10) (mtg 12+13) board to fill application owner section. EW-M has filled intechinical portion already (mtg 14) application filled and sent to enbridge. Board to verify if payment was made by board. Percon to contact enbridge on a date of install (mtg 15)	noted
4 – Fire alarm monitoring panel (Owner to Provide and program the FA monitoring panel). As discussed owner to provide secondary FA 'red box' when site is ready to receive. EW-e to clarify exactly the scope of work (mtg 4) (TDSB to supply and program the F.A. monitoring panel). EWE to issue installation/connection when site is ready. (mtg 5)	noted
5 – LAN connection (TDSB to make final connection to LAN wiring at outlets and inside HUB Room). Owner to perform final terminations at outlets when site is ready. Wire & outlet provided via contract. EW-e to clarify exactly the scope of work (mtg 4) TDSB to make final connection of the Data wiring at the outlets and at the patch panels (mtg 5)	noted
6 – Outgoing telephone system switch (Owner to Provide and program the standalone telephone switch). Owner to provide switch and program when site is ready. Wire provided via contract. EW-e to clarify exactly the scope of work (mtg 4) TDSB to supply and program the standalone Telephone switch (mtg 5)	noted
7 – Outgoing telephone system connection (Owner to make final connection of outgoing telephone wiring at outlets and at telephone backboard) from demarcation point to room outlets final connections. Owner to make final connections when site is ready. EW-e to clarify exactly the scope of work (mtg 4) TDSB to make final connection of the outgoing phone wiring at the outlets and at the telephone backboard/Bixs panel (mtg 5)	noted
8 – Telephone company's incoming service connection charges (up to main telephone terminal), up to main demarcation point. EW-e to clarify exactly the scope of work (mtg 4) EW-e has clarified that this is the main Telephone	noted

incoming service to main telephone terminal (mtg 5)	
9 – Cable TV incoming service connection charges (to main Electrical Room). EW-e to clarify exactly the scope of work (mtg 4) EW-e has clarified that this is the Cable TV incoming service to main electrical room (mtg 5)	noted
10 – Security system (Owner to make final connection of the security wiring at the control panel (only) and to program the control panel itself) EW-e to clarify exactly the scope of work (mtg 4) TDSB to make final connection of the security wiring at the control panel (only) and to program the panel itself (mtg 5)	noted
11 – Supply and install of the Lighting / HVAC controls in Gym area (Provide relays, contactors, pushbuttons, BAS control points, and associated conduits / wires to Control lighting / HVAC unit in triple gym to suit board requirements) Site instruction from EWE to be issued. (mtg 3) with owner to confirm if required (mtg 4) ew-e has clarified that this is to Provide relays, contactors, pushbuttons, BAS control points and associated conduits/wires to Control lighting/HVAC unit in Gym area to suit board requirements. Board to confirm if required. Board has confirmed this is not required anymore (mtg 5)	noted
12 – Municipal charges for new water, storm, and sanitary service connections and disconnection of existing services Not a contractor's scope of work, Board and Snyder to handle directly (mtg 2) as discussed the pipe capping is done on millwood. Davisville requires locates by T.O water before capping work. quote from T.O Water for new water connections needed. (mtg 4) as discussed all capping work is completed. Municipal services permit application submitted, waiting on T.O (mtg 6)	noted
13 – Supply and install of a Parking garage traffic access control system. In design stage (mtg 4) on going (mtg 5) si# 16r1, issued. board to re-confirm with snyder (avi) that all information has been received, understood, and sent to percon (mtg 17) pkg gate equipment should be okay as per instruction. Board to check internally one last time (mtg 18) (mtg 19) still with board. Cec confirmed no issues all info they need has been provided (mtg 20)	board
14 – Testing and inspection SI#06 has been issued. (mtg 2) HLV2K = soils, environmental, soil bearing capacity, compaction, footing and foundation reinforcing, concrete compressive strength test, CMU compressive test, masonry structural grout and mortar, up-fill, asphalt marshall test, inspection & testing services ZEC = roofing, building envelope including window test(s), transition membrane, cavity wall insulation & fire proofing BUTLER = structural steel inspections above grade FINISH HARDWARE = inspection by AHC FLOOR TILE = TTMAC inspection deemed not required PAINTING = OPCA inspection deemed not required COMMISSIONING = will be isotherm engineering MILLWORK = AWMAC (mtg 4) commissioning agent to be chosen still (mtg 5) (mtg 7) (mtg 10) (mtg 14) (mtg 15) tender by board to close next week (mtg 17) (mtg 18) (mtg 19) (mtg 20)	Noted, Board
15 – Preparation of a fire safety plan. By board at later date. Board needs set of dwgs from snyder (mtg 4) dwgs provided with board to prepare (mtg 5)	noted
16 – Unforeseen and concealed conditions. on going (mtg 4)	noted
17 - Supply and install of the artificial turf surfacing. (Base bid to include sub- base and sub-drainage shown on landscape dwgs) as per Add#03 (mtg 4) under review (mtg 5) board and Snyder to review if artificial turf is required or not (mtg 6) Snyder has reviewed alternates, but they are sub-standard. Board notes to hold for now, as the board has a standard product to use and will pass on the info to Snyder (mtg 7) board noted this system will be possibly deleted. Board still reviewing (mtg 8) to clarify it is reinforced sod, not artificial turf. Board and Snyder still reviewing (mtg 10) board noted it will be artificial turf (mtg 12+13) (mtg 14)	noted
SAFETY ITEMS (NEW ITEMS IN BOLD)	ACTION BY
Consultants to provide their own safety harnesses	noted
Trades to provide all safety ppwrk to site and percon office before starting on site	All sub-trades

All visitors on site to Sign-In with the Site Super and be properly equipped with PPE.	All
All individuals, including sub-trades' sub-trades, should obey and respect the safety policy at all times when they are on site.	All
Visitors to be careful when walking in the site, due to open excavation and exposed rebar	All
Visitors to be careful when walking in the site, due to slippery conditions due to mud, ice and snow	All
OLD MEETING ITEMS --- (NEW ITEMS IN BOLD) --- *** = post mtg notes --- PCM = pre-construction mtg	ACTION BY
<p>2.9 – Commissioning agent to be chosen, board and Snyder to review. (mtg 2) Related to SI# 6. On going. as discussed specs note commissioning agent to be notified when excavation started, which already has started (mtg 4) on going. with board (mtg 5) (mtg 6) (mtg 7) (mtg 8) (mtg 9) (mtg 10) (mtg 11) board down to 2 candidates (mtg 12+13) (mtg 14) on going. Percon note agent should be chosen soon, as underground items have been closed in, or are in process of being closed in. as well as commissioning ppwrk and set up meeting needs to be set-up and coordinated with the trades (mtg 15) board to issue tender by end of the week (mtg 16) board to close tender next week (mtg 17) (mtg 18) (mtg 19) board has noted it will be iso-therm. Formal instruction to be issued by snyder (mtg 20)</p>	Board / snyder
<p>4.08 – regarding CD# 2 – contaminated + debris soil. As discussed: - HLV2K to count trucks - there will be weight tickets - HLV2K to have people at dumping site also. Percon to forward the address (mtg 4)</p> <p>Address forwarded. HIV2K needs the weigh tickets still. Percon to follow up with Rockwell siteworks (mtg 5) Additional contaminated soil found at the millwood road entrance area (mtg 6)</p> <p>Rockwell siteworks note they have received approval from GFL dumpsite to start transporting material off site (mtg 7) rockwell notes quotations will be submitted this week for completed to date (mtg 8) Percon has submitted the costs for soil removal to date, with additional soil removal costs expected later on, until all contaminated soil is removed from site (mtg 9) as discussed the site is encountering more contaminated soil. Areas are being documented and reported by HLV2k, as per previous process (mtg 10) on going, excavation is upto grid 18 only still (mtg 11) As discussed, there are some new areas found which have brick/rubble in landscape areas (mtg 12 + 13) on going (mtg 14) (mtg 15) (mtg 16) (mtg 17) (mtg 18) on going. some soil being removed today (mtg 19) on going (mtg 20)</p>	noted
<p>6.10 – as discussed regarding durolawn supplier of re-enforced sod product. As discussed durolawn wants to be paid 100% up front to hold pricing until time of install. As discussed percon note durolawn is single sourced. Board does not agree, and wants Snyder to find 2 other companies who can provide the product (mtg 6) Snyder has reviewed alternates, but they are sub-standard. Board notes to hold for now, as the board has a standard product to use and will pass on the info to Snyder (mtg 7) to clarify the work is for re-enforced sod. Board notes the reinforced sod has never worked, and maybe deleted altogether. Board wants Snyder to propose an alternate method, or just put sod. Percon also note if the product is staying, the supplier wants to be paid up front 50% (mtg 8) PMA landscaping speaking with board on appropriate product to use. Issue still under review (mtg 9) (mtg 10) as discussed there will be no re-enforced sod, it will just be sod, Snyder to issue instruction (mtg 11) as discussed, the board noted this will now be artificial turf. Snyder to issue formal instruction (mtg 11+12) as discussed an instruction to be issued for artificial turf for all areas that had structured grass (mtg 14) before snyder can issue the instructions, they need the board to agree on what to do and where before the issue can be moved forward, to avoid any confusion (mtg 15) snyder noted it will be 'blue grass' on the roof. Snyder still needs response on email sent to board that has a few questions. Board still to finalize (mtg 16) on going (mtg 17) (mtg 18) (mtg 19) board waiting on letter of authorization from boards landscape architect, and boards groundskeeper. Once letter received, snyder can issue the instruction (mtg 20)</p>	Snyder, board
<p>10.1 - Percon note shoring sub-trade has noted they will return sometime between aug-19 and aug-30 (mtg 10) trade has noted it will be week of sept-9th hopefully (mtg 11) as discussed the trade has notified percon due to current commitments, they expect to be back on site between sept-30 to oct-4 (mtg 12+13) percon has been informed the trade should return on oct-7-19 (mtg 14) as discussed: - trade is expected to return to site on the 17th - trade is currently on a project, and needs to complete, before trade can apply for the Toronto permit to transport large</p>	Terra, pro-cassions

<p>equipment on the roads</p> <ul style="list-style-type: none"> - trade has noted this will be the 3rd time to mobilize on site, when the scope of work was to mobilize once - issue surrounding the 68 davisville property have caused additional mobilizations - approx. 1 month has been lost <p>(mtg 15)</p> <p>Shoring trade has mobilized today oct-24-19, and is in the process of drilling the piles (mtg 16) drilling work is completed. Lagging work in process (mtg 17) test tie back work starting this week (mtg 18) test tie back was approved. Tie-back work in progress, then after lagging work (mtg 19) shoring , lagging and tie-back work completed. Percon to chase down sign off reports from terra (mtg 20)</p>	
<p>10.4 – percon has received the cost from Toronto hydro water for the street connection work as \$229,905.08. board and Snyder to review and issue appropriate ppwrk so that Toronto hydro water can get forces organized. Percon would like to perform the street connection work in September (mtg 10) on going with board (mtg 11) board noted they are in the process of getting the cheque prepared and then will issue to T.O water (mtg 12 + 13) board has issued the cheque. Percon has a co-ordination mtg scheduled with the T.O contractor on oct-4-19 (mtg 14) as per meeting to contractor noted they are in process of getting locates and is expected to start by nov-1st hopefully, percon to follow up with the trade (mtg 15) percon cannot get a response from the city's sub-trade. Percon to follow up with the city. Percon needs the work completed before the winter / frost (mtg 16) percon to follow up with city's sub-trade. Board notes to take photos, to monitor the work and maintain a record if neighbors complain (mtg 17)</p> <p>*** as per discussion the sub-trade will be on site the 14th</p> <p>As discussed the city's trade is now on site. The city's trade has started with work along millwood road (mtg 18) work on going. As notified today, davisville watermain is at 1.4 m depth, the new city standard is at 1.8m depth. Board gave permission to city to take money from contingency allowance to add elbow, excavate, line pipe to move the line to the 1.8m depth requirement. (mtg 19) percon to follow up with city if all work is now completed.(MTG 20)</p> <p>*** C.O.T has confirmed all city site service work is completed via email, which was fwd to owner and snyder</p>	<p>noted</p>
<p>11.01 – percon notes the forming contractor, and the shoring contractor have been affected by the 68 davisville issues, and related CD# 4 instruction. Both trades have gone as far as possible but had to demobilize from site (mtg 11) as discussed shoring trade is still demobilized. Forming trade has returned to form the suspended slab. Forming trade is quickly running out of work and may need to demobilize again, until shoring work is completed (mtg 12+13)</p> <p>As discussed,:</p> <ul style="list-style-type: none"> - forming trade did demobilize then returned, then had to demobilized again as work was available to him due to the easement issues - shoring trade expected to return oct-7-19 - shoring work is approx. 4wks +- from shoring re-start given tieback work, testing, etc, if no issues encountered - after shoring completed excavation work can continue - after excavation work completed forming work can continue - site will be in winter conditions for forming and pouring the remaining foundation walls - site will experience additional winter protection costs, and costs to deal with snow, frost and slushy material <p>(mtg 14)</p> <p>As discussed, shoring trade expected on oct-17th</p> <p>(mtg 15) shoring trade has re-mobilized today (oct-23-19) (mtg 16) drilling completed, lagging work in process (mtg 17) test tie back work starting this week (mtg 18) test tie back work starting this week (mtg 18) test tie back was approved. Tie-back work in progress, then after lagging work. Forming of the suspended slab is also in process upto 16a only (mtg 19) tie back work completed now. Percon to follow up with reports from shoring engineers (mtg 20)</p>	<p>Percon, proccassions</p>
<p>11.02 – percon note the skyline product for the roof railing system will not work with the project design, and has to be changed. Snyder note that there is a misc metal roof railing detail. Percon note they will further review but believe it is the same detail throughout (mtg 11) under review still (mtg 12 +13) (mtg 14) RFI# 84 issued (mtg 15) still being reviewed. Percon note specifications clearly note the roof railing system which was carried at time of bid. Snyder note there are clear misc metal roof railing details. Snyder to further review and provide direction (mtg 16) still in dispute, percon to respond formally (mtg 17) (mtg 18) (mtg 19)</p>	<p>Percon</p>
<p>15.2 – RFI# 79 regarding camber. As discussed camber as per rfi is approx.. 1.5 inch. Topping to be placed as per contract. It is accepted/known that the topping will be thinner at the apex of the camber and be thicker at the sides, but the coverage will still be okay, given the camber. Stephenson's noted to install walls then topping. Percon note if time and weather allow, they will pour the topping first as it provides a uniform finish, this was in agreement with all. Formal</p>	<p>noted</p>

response to rfi still to be issued (mtg 15) as discussed when the slabs arrive shots will be taken of the camber to see how good / bad it is (mtg 16) (mtg 17) (mtg 18) (mtg 19) coreslab is installed. The camber is within the 20mm – 25mm range (mtg 20)	
16.06 – board noted they want to review the approved millwork shop dwgs to check if there are any issues, to avoid past project issues. review to be done by the 25 th (mtg 16) board still reviewing (mtg 17) (mtg 18) (mtg 19) (mtg 20)	board
17.01 – percon note to date the roofing sub-trade has not been established. Percon note pollard roofing has submitted all shop dwgs to date but they are still not allowed to perform work on the site, due to board policies. Board has noted there have been internal changes, and the at the issue needs to be further discussed. Board to review internally and get back to the team (mtg 17) on going (mtg 18) as per board confirmation (terry L) pollard roofing is okay to perform the work for the project. Snyder to process the shop dwgs that are currently on hold due to this issue (mtg 19) as discussed pollard roofing has issued to the board an extended warranty letter. Board to get the letter signed off internally before shop dwgs can be released (mtg 20)	snyder
17.02 – snyder and board to review changing lockets in storage closets to standard locksets in addition to teacher closet locksets (mtg 17) board still reviewing options (mtg 18) on going tied to millwork shopo dwg review by board (mtg 19)	Snyder / board
17.04 – board and snyder to review and finalize the color schedule (mtg 17) on going (mtg 18) currently with board / principal under review (mtg 19) (mtg 20)	Board
18.1 - 68 davisville owner got their own surveyor to perform a check / review, due to the concerns that the shoring tie-backs will go through / damage the footing and/or foundation wall. Report from owner is supposed to be this week. board to follow up. As discussed a confirmation of foundation depth hole, may have to be dug also, but board to notify if needed (mtg 18) no report received for file purposes, board to look into this. Board note there is no issue with the depths, it is better than what was expected, and is therefore a non-issue (mtg 19) board to get the report and forward to percon (mtg 20)	Board
18.4 – board noted any previous badminton and volleyball sport posts have been removed and sent away, and are not expected to return. As discussed, the specifications do not ask for new volleyball and badminton sport posts, therefore new posts would need to be supplied by the board, through or outside of the contract (mtg 18) as per discussion issue is with the board currently if they want new posts being purchased through the contract (mtg 19) on going. Posts may have to be alternate type given floor socket depth issue (mtg item 20.2), board to review with snyder (mtg 20)	Board, snyder
18.5 – as discussed gameline dwg and dimensions to be re-confirmed between the board and snyder to make sure they meet regulation sizes (mtg 18) as discussed, the board to re-check with the city community, if the gameline dimensions are okay (mtg 19) board notes the gamelines as per the dwgs are correct. The gamelines have been sent to the city, and is just waiting for city sign off (mtg 20)	Board
18.7 – percon to update the project schedule (mtg 18) on going (mtg 19) snyder notes waiting for update for several weeks after the shoring trade re-started. Percon notes the focus was getting quotes out as was discussed prior. Percon also notes the shoring trade had to wait due to last minute issues with 68 davisville, with unforsen, and unconfirmed issues (mtg 20)	percon
19.1 – as per email issued on nov-25-19, gym dwg a707 shows sockets in odd locations, and ask that this re-checked, along with dimensions added to locate each socket. Also sockets within storage room 109R require dimensions to locate the sockets, and quantity needs to be verified (mtg 19) in stg room 109r these will be sleeves not floor sockets. Snyder to get approval of floor socket dwg from the board so that formal instruction can be issued to percon, showing the dimensions and locations of all the floor sockets, in relation to the gamelines (mtg 20)	Snyder, board
19.2 – as discussed the board will be getting a new gym scoreboard, but has to confirm the model and type first. Scoreboard will be wireless type so that it still works with the rough-ins that are already complete. Cec services has noted they are also providing a hard line rough-in also (mtg 19) board to review internally if purchasing scoreboard through or outside of contract (mtg 20)	Board
19.4 – municipal has noted the grease interceptor was too complex to install with the forming work. The cast-in place interceptor does not work with the depth of the forming material.. The proposal is to pocket out the area and install the interceptor after. Municipal to issue formal RFI on the issue for clarity (mtg 19) no rfi sent yet, but this is still an issue. Municipal also note the grease interceptor must be heat traced. Board notes any projections below the slab must	Municipal, ew-mech, snyder

not impeded with height of vehicles entering the parking garage or impediment of pedestrian headroom. EW-mech & snyder to review (mtg 20)	
NEW MEETING ITEMS	ACTION BY
20.1 – school board to schedule mtg with empire hardware to go over and establish the keying schedule (mtg 20)	School board / empire
20.2 – as discussed therev maybe an issue with the proposed gym sockets and concrete slab thickness, in the area between grid 3a and 9: --- Floor sockets as per shop dwgs = 177.3 mm (6.98 inches) --- slab thickness = 250mm thick --- difference 73mm +- Areas of sockets may need to have concrete thickened, consultants to review (mtg 20)	Snyder, stephensons
20.3 – as per recent emails, there will be a cash allowance increase for HLV2k. snyder to issue a formal SI (mtg 20) *** SI# 46 previously issued. Snyder to confirm if this is the same or it is additional increase	snyder
20.4 – as discussed there are several rough-ins (empty boxes + conduit) for stage lighting, but there appears to be no stage rigging/lighting system . board and snyder to review and issue a package, if the project will have stage lighting (mtg 20)	Board / snyder
20.5 – board has inquired if there is a stage curtain for the project. Snyder to review (mtg 20) *** upon further review there is no stage curtain noted for the project	noted
20.6 – snyder has noted that several areas of the coreslab that was installed have defects. Percon to notify and have coreslab engineers review / comment (mtg 20) *** photos taken and sent to coreslab on dec-19-19 via email	coreslab
20.7 – snyder 7 EW-mech need the qualifications for the air balancer under municipal. Percon to follow up with municipal (mtg 20)	municipal
20.8 – as per previous request under PC# 26r1 to fence off the sidewalk on millwood road is now closed. The board to deal with the issue internally (mtg 20)	noted
20.9 – percon has noted the quote submitted for SI# 69 (RFE# 58) needs to be reviewed and or approved asap. This involves a lot of field welding of steel plates, to the steel that is on site, so that the coreslab can be supported. Snyder to review (mtg 20)	Snyder, stephensons
20.10 – in regards to recent by-law complaint email issued regarding dust and smells. It is noted the city has responded that the complaint has nothing to do with the davisville site and is dropped (mtg 20)	noted

NEXT MEETING: Wednesday January 15, 2019 @ 1:00 p.m. – in percon site trailer
DISTRIBUTION: All present + all in action column

The preceding is assumed to be a complete and correct account of the items discussed, directions given and conclusions drawn, unless this office is notified in writing to the contrary prior to next site meeting or within 5 business days.

**Davisville JPS Replacement
Site Instructions**

SI	Work Description	Status	SI RCVD	SI SENT	Costs for SI	Comments
1	Schedules for the reinforced slabs, SSI#01	with subs	Mar-19-19	Mar-19-19		
2	roof low point, scupper, ramp	with subs	Mar-21-19	Mar-21-19		
3	Easement Clarification	with subs	Mar-21-19	Mar-21-19		
4	Dewatering Package	with subs	Mar-27-19	April-12-19		
5	elevator/shaft size	with subs	April-10-19	April-10-19		To be distribute to all Trades related to elevator
6	Inspection and Testing	with subs	April-10-19	April-12-19		
7	Elec. Clarification	with subs	April-24-19	April-24-19		To be distribute to all Trades related to elevator
8	Response to RFI#12-MSQ#3	with subs	May-06-19	May-06-19		
9	elevator shaft size adjustment - mech (SI#M1)	with subs	may-7-19	may-7-19		
10	property line offset - SK-05	with subs	may-10-19	may-10-19		
11	steel shop dwg comments E2.4 & E3.4	with subs	may-22-19	may-22-19		
12	application for gas meter	with subs	may-22-19	may-22-19		
13	rebar coupler question (RFI#19)	with subs	may-22-19	may-22-19		
14	shop dwg steel detail3 on A6.1 dimension change	with subs	may-30-19	may-30-19		
15	thermostat line voltage (RFI# 35)	with subs	june-25-19	june-25-19		
16r1	parking security gates (ESI5)	with subs	june-28-19	june-28-19		
17	gym curatin & steel intereference - RFI# 17 resp	with subs	july-2-19	july-2-19		
18	back to back zum carrier (RFI# 52 resp.)	with subs	july-3-19	july-3-19		
19	strap anchor spacing + slab infill (RFI# 43 resp)	with subs	july-3-19	july-3-19		
19r1	strap anchor spacing + slab infill (RFI# 43 resp)	with subs	sept-10-19	sept-10-19		
20	mech layout parking garage access control (EJ13)	with subs	july-3-19	july-3-19		
21	rev location of pwr dr operator (EJ14)	with subs	july-3-19	july-3-19		
22	3rd flr duct through beam web (SB4)	with subs	july-3-19	july-3-19		
23	steel deck closure angle grid 11 (SB5)	with subs	july-3-19	july-3-19		
24	Perimeter Boundary Documentation & Easement Location	with subs	july-25-19	july-25-19		
25	REV due to steel & structural coordination (ESI6)(MSI4)	with subs	july-25-19	july-25-19		
26	floor slope clarification (RFI#30 resp)	with subs	july-29-19	sept-10-19		
27	White board adj + outlet heights (RFI# 56 resp)	with subs	sept-9-19	sept-10-19		
28	68 davisville - pre-construction survey (struct option)	with subs	sept-10-19	sept-10-19		
29	sump pit locations (RFI# 65 resp)	with subs	sept-10-19	sept-10-19		
30	BE light mounting height STR F+G (RFI# 68 resp)	with subs	sept-10-19	sept-10-19		
31	string dimension clarifications (RFI# 31 resp)	with subs	sept-10-19	sept-10-19		
32	angled precast slab cut support (RFI# 44 resp)	with subs	sept-10-19	sept-10-19		
33	exhaust Rm # 6 - opening dimensions (RFI# 24 resp)	with subs	sept-10-19	sept-10-19		
34	wall thickness dimensions (RFI# 45 resp)	with subs	sept-10-19	sept-10-19		
35	hand dryers (RFI# 57 resp)	with subs	sept-10-19	sept-10-19		
36	string dimension = plumbing clarifications (RFI# 32 resp)	with subs	sept-10-19	sept-10-19		
37	receptacle and counter height needed (RFI# 70 resp)	with subs	sept-10-19	sept-10-19		
38	structural dimentions (RFI# 60 resp)	with subs	sept-10-19	sept-10-19		
39	stair H & K if precast or not (RFI# 46 resp)	with subs	sept-10-19	sept-10-19		
40	shift mech openings request (RFI# 48r1 resp)	with subs	sept-10-19	sept-10-19		
41	insulation above sanitary clarification (RFI# 54 resp)	with subs	sept-10-19	sept-10-19		
42	XXX zum drain clarification (RFI# 55 resp)	with subs	sept-10-19	sept-10-19		
43	MSQ#12 - structural steel (RFI# 62 resp)	with subs	sept-10-19	sept-10-19		
44	parapet structural steel issue (RFI# 44 resp)	with subs	oct-7-19	oct-7-19		
45	BBnet & scoreboard receptable location	with subs	oct-7-19	oct-7-19		
45r1	BBnet & scoreboard receptable location (ESI8)	with subs	nov-20-19	nov-20-19		
46	extend HLV2K monies increase	with subs	oct-7-19	oct-7-19		
47	dead weight of concrete for coreslab calcs (SI#47)	with subs	oct-9-19	oct-9-19		
48	Additional Girt for Curtainwall CW1 & CW9	with subs	oct-9-19	oct-9-19		

**Davisville JPS Replacement
Site Instructions**

49	owner appliance info (RFI# 63 resp)	with subs	oct-11-19	oct-11-19		
50	roof railing system (RFI# 84 resp)	with subs	oct-11-19	oct-11-19		
51	misc metal railings + guards	with subs	oct-22-19	oct-22-19		
52	depth to cut shoring piles	with subs	oct-25-19	oct-25-19		
53	wall mounted BB net bracket (RFI# 81 resp)	with subs	oct-30-19	oct-30-19		
54	Admin Reception Stub-up (RFI# 74 resp)	with subs	oct-25-19	oct-25-19		
55	Sill height for screen S9	with subs	oct-28-19	oct-28-19		
56	Building permit	with subs	oct-28-19	oct-28-19		
57	control joint + WB locations in gym	with subs	oct-29-19	oct-29-19		
58	increase size of chase wall	with subs	oct-29-19	oct-29-19		
59	anchor bolts on line B	with subs	oct-30-19	oct-30-19		
60R1	stove top exhaust in child care	with subs	NOV-8-19	NOV-8-19		
61	plmb fixture shop dwg comments (sub-141)	with subs	oct-30-19	oct-30-19		
62	relocate duct opening through slab (RFI# 94 resp)	with subs	oct-31-19	oct-31-19		
63	10mm compressive filler	with subs	oct-31-19	oct-31-19		
64	topsoil treatment	with subs	oct-31-19	oct-31-19		
65	roof drain locations (RFI#95 resp)	with subs	nov-6-19	nov-6-19		
66	admin #101 - termination of conduits (ESI7)	with subs	nov-20-19	nov-20-19		
67	Shoring Monitoring Services	with subs	nov-28-19	nov-28-19		
68	handicapped push button height (EI#9)	with subs	nov-29-19	dec-6-19		
69	steel plate for coreslab - roof + 3rd flr @ GR 2+13 (RFI# 104 resp)	with subs	dec-5-19	dec-5-19		
70	RM# 129 ftg re-do (RFI# 101 resp)	with subs	dec-6-19	dec-6-19		
71	delta 87T 105 faucet issue (resp-RFI#108)	with subs	dec-16-19	dec-16-19		
72	200mm dia at MH#5 and CDS (RFI#106resp)	with subs	dec-17-19	dec-17-19		
73	no instruction yet	with subs				
74	elect changes to AHU + DOAS shop dwgs (ESI-10)	with subs	dec-17-19	dec-17-19		
75		with subs				
76		with subs				
77		with subs				
78		with subs				
79		with subs				
80		with subs				
81		with subs				

Legend

- A - Architectural
- S - Structural
- M - Mechanical
- E - Electrical
- C - Civil

RFI	CONSLT	DESCRIPTION	SENT	VIA	REPLY BY	RESP	RESP RCVD	SI	CN	EMAIL	REPLY SENT TO	COMMENT
1	S	Elevator Hoist Size	March-01-19	email	ASAP	YES	April-10-19	SI#05		yes	Subs, Site	
2	S	MSQ # 1	March-04-19	email	ASAP	YES	March-16-19			yes	Subs, Site	
3	S	AGF RFI # 1	March-06-19	email	ASAP	YES	March-16-19			yes	Subs, Site	
4	S	AGF RFI # 2	March-08-19	email	ASAP	YES	March-15-19			yes	Subs, Site	
5	S / A	Perimeter Site Fence & Wood Fence Install on East Side	March-19-19	email	ASAP	YES	March-19-19			yes	Subs, Site	
6	A	Temp and Perm Fence Location @ 68 Davisville	March-26-19	email	ASAP	YES	May-22-19		4	yes	Subs, Site	
7	S	AGF RFI # 3	March-22-19	email	ASAP	YES	March-28-19			yes	Subs, Site	
8	S	AGF RFI # 4	March-28-19	email	ASAP	YES	April-10-19			yes	Subs, Site	
9	C	Geo Engineer Confirmation	April-01-19	email	ASAP	YES	April-01-19			yes	Subs, Site	
10	S	AGF RFI #05	April-08-19	email	ASAP	YES	April-10-19			yes	Subs, Site	
11	S	MSQ#2	April-15-19	email	ASAP	YES	April-24-19			yes	Subs, Site	
12	S	MSQ#3	April-22-19	email	ASAP	YES	May-06-19	SI#08		yes	Subs, Site	
13	S	MSQ#4	April-24-19	email	ASAP	YES	April-25-19			yes	Subs, Site	
14	S	MSQ#5	April-25-19	email	ASAP	YES	may-22-19			yes	Subs, Site	
15	S	MSQ#6	May-06-19	email	ASAP	Yes	July-03-19			yes	Subs, Site	
16	A	Existing Service Line @ 68 Davisville	May-14-19	email	ASAP	yes at site mtg						owner noted at site meeting okay to demo line
17	arch	gym curtain conflict + dimensions	may-16-19	email	ASAP	YES	July-02-19	SI#17		yes	subs, site	
18	mech/elect	garage elect rough-in issues	may-16-19	email	ASAP	YES	may-23-19			yes	subs, site	
18r1	mech/elect	garage elect rough-in issues	NA	email	ASAP	YES	may-30-19			yes	subs, site	REVISED RESPONSE
19	Structural	rebar coupler question	may-17-19	email	ASAP	Yes	May-21-19			yes	subs, site	
20	arch	stair E - 3 step riser issue	may-23-19	email	ASAP	Yes	June-03-19			yes	subs, site	
21	arch	waterproofing questions	may-23-19	email	ASAP	Yes	June-03-19			yes	subs, site	
22	arch/mech	foundation weeper question	may-24-19	email	ASAP	Yes	July-02-19			yes		
23	arch	opening at stair D dimension request	may-24-19	email	ASAP	Yes	June-03-19			yes	subs, site	
24	arch/mech/struct	exhaust Rm # 6 - opening dimensions request	may-24-19	email	ASAP	yes		si# 33		yes	site, subs	
25	arch/struct	height of walls to determine concrete slab slope	may-24-19	email	ASAP	Yes	June-06-19			yes	subs, site	
26	arch/elect	soak away pits for ductbanks	may-24-19	email	ASAP	Yes	June-18-19			yes	subs, site	
27	arch	frost slab clarifications	may-24-19	email	ASAP	Yes	June-07-19			yes	site	
28	Structural	MSQ#7	May-29-19	email	ASAP	Yes	June-06-19			yes	subs, site	
29	struct / arch	MSQ#8	june-3-19	email	ASAP	Yes	June-18-19			yes	subs, site	
30	arch/struct/mech	floor drains + slopes + floor finish issues	june-3-19	email	ASAP	yes		si# 26		yes	Subs, Site	
31	arch	string dimension on dwg A200 request	june-3-19	email	ASAP	Yes	July-02-19	si# 31		yes	subs, site	
32	arch/mech	dimension & info on dwg A201 request	june-3-19	email	ASAP	Yes	June-19-19	SI# 36			subs, site	
33	S	MSQ#9	June-04-19	email	ASAP	Yes	June-18-19			yes	subs, site	

RFI	CONSLT	DESCRIPTION	SENT	VIA	REPLY BY	RESP	RESP RCVD	SI	CN	EMAIL	REPLY SENT TO	COMMENT
34	E / A	Location of 3 receptacles at gym wall	June-07-19	email	ASAP	Yes	June-18-19			yes	subs, site	
35	mech	thermostat line voltage clarification request	june-12-19	email	ASAP	Yes	June-25-19	SI#15		yes	subs, site	
36	arch/struct	Design Notes requirements	June-12-19	email	ASAP	Yes	July-02-19			yes	subs, site	
37	arch	Cascadia Clips Clarification	June-12-19	email	ASAP	Yes	June-18-19	si# 35		yes	subs, site	
38	arch	Wall Assembly at South&East Elevation	June-12-19	email	ASAP	Yes	July-02-19			yes	subs, site	
39	mech/elect	binary or analog input for motor monitoring	June-13-19	email	ASAP	Yes	June-18-19			yes	subs, site	
40	mech/elect	control and feedback for AHU#1 - 3 & DOAS# 1-3	June-14-19	email	ASAP	yes	oct-30-19		23	yes	subs, site	
41	arch / struct	precast stair & slab questions	june-14-19	email	ASAP	Yes	June-18-19 + aug-15-19			yes	subs, site	
42	arch/struct	precast slab at elevator issue	june-17-19	email	ASAP	Yes	June-18-19			yes	subs, site	
43	arch / struct	precast slab cut outs for steel along grid B + anchors	june-17-19	email	ASAP	Yes	June-18-19	SI# 19r1		yes	subs, site	
44	arch / struct	angled precast slab cut support	june-20-19	email	ASAP	Yes	July-02-19	si# 32 + SI# 44			subs, site	
45	arch / struct	wall thickness discrepancies	june-20-19	email	ASAP	Yes	July-03-19	si# 34		yes	subs, site	
46	arch / struct	stair H & K if precast or not	june-20-19	email	ASAP	Yes	July-02-19	si# 39		yes	subs, site	
47	struct	library live & dead loads info request	june-20-19	email	ASAP	Yes	July-02-19			yes	subs, site	
48	arch / struct	shift mech openings request	june-20-19	email	ASAP	Yes	July-03-19	si# 40		yes	subs, site	
49	mech / arch	various mechanical plumbing issues + clarifications	june-21-19	email	ASAP	yes	june-21-19 + july-2-19			yes	subs, site	
50	arch	rubble use for shoring platform	june-21-19	email	ASAP	Yes	June-25-19			yes	subs, site	
51	mech	gym fan controls	june-24-19	email	ASAP	YES	july-3-19			yes	subs, site	
52	mech	back to back zurn clarification	june-24-19	email	ASAP	YES	july-3-19			yes	subs, site	
53	arch	S.O.G membrane below parking slab clarification	june-26-19	email	ASAP	YES	july-3-19			yes	subs, site	
54	mech	insulation above sanitary clarification	june-28-19	email	ASAP	YES	july-3-19	si# 41		yes	subs, site	
55	mech	XXX zurn drain clarification	july-2-19	email	ASAP	YES	july-3-19	si# 42		yes	subs, site	
56	arch / elect	interactive projector dimensions	july-4-19	email	ASAP	yes		SI# 27		yes	subs, site	
57	arch/elect/mech	DJRPS - RFI#57 – Hand Dryer@ Uni. WRs Install Clarification	july-4-19	email	ASAP	Yes	July-09-19			yes	subs, site	Inter-Co Responded
58	struct	shoring location confirmation	july-5-19	email	ASAP							closed issued resolved on site
59	struct / arch	structural steel MSQ# 10	july-5-19	email	ASAP	yes		si# 25		yes	subs, site	
60	struct / arch	structural steel MSQ# 11	july-5-19	email	ASAP	yes		si# 38		yes	site, sub	
61	elect	lighting control convenience power	july-8-19	email	ASAP	yes	sept-17-19			yes	site, subs	need formal response
62	struct	MSQ#12 – structural steel	july-22-19	email	ASAP	yes	july-23-19	si# 43		yes	site subs	
63	arch / owner	owner appliances info request	july-23-19	email	ASAP	Yes	AUG-27-19 + oct-11-19	si# 49		yes	site, sub	
64	struct	structural steel MSQ# 13	july-25-19	email	ASAP	Yes	aug-13-19			yes	site, sub	
65	arch, struct	ftg undermine at sump pits	july-25-19	email	ASAP	yes	july-26-19	si# 29		yes		
66	arch	teacher closet lockset	july-29-19	email	ASAP	yes	sept-10-19			yes	site, subs	
67	elect	FA panel release parking gates ?	july-29-19	email	ASAP	yes	aug-23-19			yes	site, subs	
68	elect / arch	BE light mounting heights needed STR F+G	aug-15-19	email	ASAP	yes		SI# 30		yes	site, subs	
69	arch	SOG slab arch graphic clarification	aug-15-19	email	ASAP	yes	sept-10-19			yes	site, subs	
70	arch / elect	receptacle and counter height needed	sept-2-19	email	ASAP	yes		si# 37		yes	site, subs	

RFI	CONSLT	DESCRIPTION	SENT	VIA	REPLY BY	RESP	RESP RCVD	SI	CN	EMAIL	REPLY SENT TO	COMMENT
71	mech	clarify control for fans F22 – F27, F20, F21	sept-3-19	email	ASAP	YES	sept-10-19			yes	site, subs	
72	mech	no floor drain in elevator + sprinkler room	sept-9-19	email	ASAP	yes	sept-10-19			yes	site, sub	
73		blank on purpose		email	ASAP							
74	arch / elect	admin room # 101 – power stub-up dimension request	sept-23-19	email	ASAP	yes		si# 54		yes	site, subs	
75	arch / struct	steel column bases and masonry issue	sept-30-19	email	ASAP	yes	oct-28-19			yes	site, subs	
76	arch / struct	stair C SUB-97 coreslab shop dwg comment issues	oct-1-19	email	ASAP	yes	oct-4-19			yes	site, sub	
77	arch	fire spray for steel grid 12 - G to M	oct-1-19	email	ASAP	yes	oct-1-19			yes	site, sub	
78	arch / struct	pre-cast stair SUB-98 shop dwg comment issues	oct-1-19	email	ASAP	yes	oct-1-19			yes	site, sub	
79	arch / struct	camber notice	oc-1-19	email	ASAP	yES	oct-25-19	si# 52		yes	site, subs	
80	elect	electrical drawing questions	oct-1-19	email	ASAP	yes	oct-4-19			yes	site, sub	
81	arch / struct	wall mounted BB net questions	oct-1-19	email	ASAP	yes	oct-10-19			yes	site, sub	
82	arch	sunshades color confirmation	oct-1-19	email	ASAP	yes	oct-4-19			yes	site, sub	
83	arch/struct	cisterne door + ladder	oct-3-19	email	ASAP	yes	oct-4-19			yes	site, sub	
84	arch	roof railing system	oct-7-19	email	ASAP	yES	oct-11-19	SI# 50		yes	site, sub	
85	arch / struct	dead weight of concrete for coreslab calcs	oct-7-19	email	ASAP	yes	oct-9-19	si# 47		yes	site, subs	
86	mech	gym circulating fan controls	oct-7-19	email	ASAP	yes	oct-7-19			yes	site, subs	
87	arch	location of exterior louvers	oct-9-19	email	ASAP	yes	Oct-25-19			yes	site, subs	
88	arch/struct	sound block at x-bracing issue	oct-10-19	email	ASAP	yes	oct-28-19		21	yes	site, subs	
89	mech / arch	Clarification for Faucet Manufacturer	Oct-10-19	email	ASAP	yes	nov-6-19			yes	site, subs	
90	mech/elect	network data drops for BAS panels + routers by who	oct-15-19	email	ASAP	yES	oct-16-19			yes	site, subs	
91	mech	thermostate control by BAS	oct-15-19	email	ASAP	yES	oct-16-19			yes	site, subs	
92	struct	x-bracing needed by PC# 15 changes question	oct-17-19	email	ASAP	YES	OCT-24-19			yes	site, subs	
93	Arch	Metal door questions	Oct-25-19	email	ASAP	yES	oct-30-19		23	yes	site, subs	
94	Struct / Mech	Opening on Coreslab @ girline 5 & F	Oct-30-19	email	ASAP	YES	OCT-31-19	SI# 62		yes	SITE, SUBS	
95	arch	Roof Drain Clarification Request	nov-1-19	email	ASAP	yes	nov-6-19	SI# 65		yes	site, subs	
96	struct	stair A & B mid-landing support concern	nov-4-19	email	ASAP	yes	nov-5-19			yes	site, subs	
97	struct	old concrete fdn at 68 davisville shoring	nov-4-19	email	ASAP	yes						direction provided by HLV2K on site, it was removed
98		blank on purpose		email	ASAP	NO						
99	struct	MSQ#15 Welding Clarification Request	nov-12-19	email	ASAP	yES	nov-12-19			yes	site, subs	
100	mech	ventilation in sprinkler room	nov-12-19	email	ASAP	yes	nov-12-19			yes	site, subs	
101	arch, struct	ext stg rm #129 fdn wall issue	nov-25-19	email	ASAP	yes	Nov-26-19	si# 70		yes	site, subs	
102	arch	angled window & masonry issue	dec-2-19	email	ASAP	partial - dec-16-19				yes	site, subs	formal PC to be issued
103	arch	angled top at CW1 questions	dec-2-19	email	ASAP	yes	dec-13-19			yes	site, subs	
104	struct	roof + 3rd flr beam @ GR 2+13 supporting width issue	DEC-5-19	email	ASAP	yES	dec-5-19	si# 69		yes	site, subs	
105	arch / struct	stair E issue	dec-10-19	email	ASAP	yes				yes	site, subs	
106	civil	STM-MH#6 - site service issues	dec-11-19	email	ASAP	yes		SI# 72		yes	site, subs	
107	arch	color for runtal rads needed	dec-12-19	email	ASAP	yes	dec-13-19			yes	site, subs	
108	arch / mech	delta 87T 105 faucet issue	dec-13-19	email	ASAP	yes	dec-13-19	si# 71		yes	site, subs	
				email	ASAP	NO						

DAVISVILLE JUNIOR PUBLIC SCHOOL - SUBMITAL LOG

SUBMISSION STATUS LEGEND	CONSULTANT TO REVIEW FOR APPROVAL SUBTRADE TO SUBMIT TO BE DEALT / DISCUSSED	CLOSE OUT DOCUMENT	REVIEW STATUS LEGEND	REJ - Rejected REV - Reviewed RAN - Reviewed as Noted								
Spec Section	Spec Description	SUB - NO.	Company	Description	DATE IN FROM TRADE	DATE OUT TO CONSULTANT	DATE IN FROM CONSULTANT	DATE OUT TO TRADE	DATE TO SITE - PRINTED	DATE FOR ARCHITECT COPY	Status	Comments
Div 1	General Requirements											
Division 1	Tree Protection		Percon									
Cash Allowance	Parking Garage Gates		Convergint Tech.									
	Shop Drawing		Convergint Tech.									
17800	Close Out Submittals		ALL SUBCONTRACTORS									
1.2	Operations and Maintenance Manuals											
1.2.12	3 Weeks prior to Substantial Performance of Work submit: 1 Draft Copy for Review in a binder 8.5x11" Arrange by System and Section / Division Number by TAB Provide Complete list of Subcontractors with Contact Provide Complete list of Products Used Provide reviewed and accepted copies of Shop Drawings, Product Data, Samples, Test Reports, Field Reports and Certificates Finish Hardware Schedule as ammended Schedule of Paints, Coatings Maintenance of Finishes Brochures, cut sheets Operating and Maintenance Instructions Valve Manuals Controls Schematics Air and Water Balancing Reports Maintenance Contracts											
1.3	As-built Documents											
1.4	Spare Parts, Tools and Extra Stock Materials											
19001	Commissioning											
	Mechanical											
	Electrical											
DIV 3												
	TEST REQUIREMENTS CAST-IN-PLACE CONCRETE											
14523.07 Part 5	One Strength Test for Each 100m3 of each class											
14523.07 Part 5	Location to be noted on test reports											
14523.07 Part 6	Slump to be tested for Slab pours											
14523.07 Part 7	Parking Strucutre Concrete, tests for each day											
14523.07 Part 8	Baseplat goruting test each day											
03 30 53	CAST-IN-PLACE CONCRETE											
03 30 53	FORMWORK											
03 30 53	Shop Drawing	SUB-024	Jessco	Formwork Systems Shop Drawing	April-08-19	April-08-19	April-09-19	April-09-19			REJ	
03 30 53	Shop Drawing	SUB-024r1	Jessco	Formwork Systems Shop Drawing	April-24-19	April-25-19	April-30-19	April-30-19			REJ	
03 30 53	Shop Drawing	SUB-024r2	Jessco	Formwork Systems Shop Drawing	May-27-19	May-27-19	June-03-19	June-03-19	June-03-19		REV	
03 30 53	Shop Drawing	SUB-093	Jessco	Shoring for Ground Floor Shop Drawing	June-25-19	June-25-19	Sept-16-19	Sept-16-19	Sept-16-19	Sept-16-19	RAN	
03 30 53	Shop Drawing	SUB-126	Jessco	Concrete Pour Break Shop Drawing	Sept-03-19	Sept-03-19	Sept-11-19	Sept-16-19	Sept-16-19	Sept-16-19	REV	
03 30 53	Concrete Reinforcement and Embedded Assemblies		AGF-Rebar									
03 30 53	shop drawing	SUB-005	AGF-Rebar	Footing and Peir Reinforcement (R100)	March 12 2019	March 12 2019	March 27 2019	March 27 2019	April-07-19		RAN	clouded dimensions to be clarified
03 30 53	shop drawing	SUB-008	AGF-Rebar	Foundation Reinfroment (R101-R106)	March 15 2019	March 15 2019	March 18 2019	March 18 2019	April-07-19		RAN	
03 30 53	shop drawing	SUB-010	AGF-Rebar	Foundation Wall Reinforcement (R107-R110 + R112-R114)	March 18 2019	March 18 2019	March 27 2019	March 27 2019	April-07-19		RAN	
03 30 53	shop drawing	SUB-013	AGF-Rebar	Foundation Wall Reinforcement (R115-R116)	March 21 2019	March 21 2019	March 27 2019	March 27 2019	April-07-19		RAN	
03 30 53	shop drawing	SUB-012	AGF-Rebar	Foundation Wall Reinforcement (R117-R120)	March 21 2019	March 21 2019	March 27 2019	March 27 2019	April-07-19		RAN	
03 30 53	shop drawing	SUB-016	AGF-Rebar	Foundation Wall Reinforcement (R121-R122)	March-27-19	March-27-19	April-10-19	April-10-19	April-10-19		RAN	
03 30 53	shop drawing	SUB-017	AGF-Rebar	Foundation Wall Reinforcement (R123 + R200-R204)	March-27-19	March-27-19						Not Reviewed. Refer to SUB-060
03 30 53	shop drawing	SUB-018	AGF-Rebar	Foundation Wall Reinforcement (R205-R209)	March-27-19	March-27-19	June-19-19	June-19-19	June-19-19	June-19-19	RAN	waiting on PC#2 approval
03 30 53	shop drawing	SUB-020	AGF-Rebar	Foundation Wall Reinforcement (R300-R303)	March-29-19	March-29-19	April-30-19	April-30-19			REJ	Refer to SUB-046
03 30 53	shop drawing	SUB-023	AGF-Rebar	Foundation Wall Reinforcement (R210 + R305)	April-04-19	April-07-19	April-30-19	April-30-19			REJ	Refer to SUB-046 for R305
03 30 53	shop drawing	SUB-027	AGF-Rebar	Rebar Shop Drawing R211-215, R304	April-15-19	April-15-19	April-30-19	April-30-19			REJ	Refer to SUB-046 for R304
03 30 53	shop drawing	SUB-034	AGF-Rebar	Rebar Shop Drawing, R216, 306, 400, 401, 403	April-26-19	April-26-19	April-30-19	April-30-19			REJ	
03 30 53	shop drawing	SUB-046	AGF-Rebar	Rebar Shop Drawing, R300 - 305	May-09-19	May-09-19	June-19-19	June-19-19	June-19-19	June-19-19	RAN	
03 30 53	shop drawing	SUB-059	AGF-Rebar	Rebar Shop Drawing, R111	May-17-19	May-17-19	June-19-19	June-19-19	June-19-19	June-19-19	RAN	
03 30 53	shop drawing	SUB-060	AGF-Rebar	Rebar Shop Drawing, R200 - 204	May-17-19	May-17-19	June-03-19	June-03-19	June-03-19	June-03-19	RAN	
03 30 53	shop drawing	SUB-077	AGF-Rebar	Rebar Shop Drawing, R402, 404 - 406	May-28-19	May-28-19	July-24-19	July-24-19	July-24-19	July-24-19	RAN	
03 30 53	shop drawing	SUB-087	AGF-Rebar	Rebar Shop Drawing, R500 - 505	June-19-19	June-19-19	July-24-19	July-24-19	July-24-19	July-24-19	RAN	
03 30 53	shop drawing	SUB-128	AGF-Rebar	Rebar Shop Dwg - R304 - R306	Sept-04-19	Sept-05-19	Sept-25-19	Sept-25-19	Sept-25-19	Sept-25-19	REJ	
03 30 53	shop drawing	SUB-128r1	AGF-Rebar	Rebar Shop Dwg - R304 - R306	Oct-07-19	Oct-07-19	Oct-08-19	Oct-08-19	Oct-08-19	Oct-08-19	RAN	
03 30 53	shop drawing	SUB-129	AGF-Rebar	Rebar Shop Dwg - R400 - R403	Sept-04-19	Sept-05-19	Sept-16-19	Sept-16-19			REJ	
03 30 53	shop drawing	SUB-129r1	AGF-Rebar	Rebar Shop Dwg - R400 - R403	Sept-17-19	Sept-17-19	Sept-25-19	Sept-25-19	Sept-25-19	Sept-25-19	RAN	

Closeout	Maintenance Data		Aerloc									
Closeout	Extended Warranties as follows - 5 years for sealed units		Aerloc									
08 90 00	louvers and vents		Construction Speciaties									
08 90 00	product data	SUB-044	Construction Speciaties	Louver Shop Drawing	May-03-19	May-06-19	Oct-30-19	Oct-30-19	Oct-30-19	Oct-30-19		RAN
08 90 00	shop drawing	SUB-044	Construction Speciaties	Louver Shop Drawing	May-03-19	May-06-19	Oct-30-19	Oct-30-19	Oct-30-19	Oct-30-19		RAN
08 90 00	shop drawing	SUB-044r1	Construction Speciaties	Louver Shop Drawing	Nov-07-19	Nov-07-19						
08 90 00	samples	SUB-149	Construction Speciaties	Color Chart	Oct-18-19	Oct-18-19						
08 90 00	test report		Construction Speciaties									
DIV 9												
09 21 16	Gypsum board assemblies		Petko									
09 30 00	Tiling		Lab Flooring									
09 30 00	sample	SUB-096	Lab Flooring	Flooring Smaples	July-02-19	July-02-19						
Closeout	Maintenance Data		Lab Flooring									
Closeout	Extra Stock - 6 Boxes of each type and colour		Lab Flooring									
09 51 23	Acoustical tile ceiling		Petko									
09 51 23	sample	SUB-150	Petko	Acoustical Tile Sample	Nov-06-19	Nov-06-19	Dec-03-19	Dec-03-19	Dec-03-19	Dec-03-19		RAN
Closeout	Extra Stock Material - 1 extra box of each type as per section 1.4		Petko									
09 54 23	Linear Metal Ceilings		Petko									
09 54 23	sample	SUB-151	Petko	Linear Metal Ceilings Sample & Data Sheet	Nov-06-19	Nov-06-19	Dec-03-19	Dec-03-19				REJ
09 54 23	Shop Drawing	SUB-151	Petko	Linear Metal Ceilings Sample & Data Sheet	Nov-06-19	Nov-06-19	Dec-03-19	Dec-03-19				REJ
09 54 23	Product Data	SUB-151	Petko	Linear Metal Ceilings Sample & Data Sheet	Nov-06-19	Nov-06-19	Dec-03-19	Dec-03-19				REJ
Closeout	Extra Stock Material - Planks - 24LM and Trim/Mouldings - 5LM of each		Petko									
09 65 13	Resilient base and accessories		Lab flooring									
09 65 13	sample	SUB-096	Lab Flooring	Flooring Smaples	July-02-19	July-02-19						
Closeout	maintenance data		Lab flooring									
Closeout	Extra Stock Material - Planks - 3% of 6m2 which ever is greater		Lab flooring									
09 65 16	Resilient sheet flooring		Lab flooring									
09 65 16	sample	SUB-139r1	Lab Flooring	Vinyl Sheet flooring Samples	Nov-18-19	Nov-18-19						
Closeout	maintenance data		Lab flooring									
Closeout	Extra Stock Material - Planks - 3% of 6m2 which ever is greater		Lab flooring									
09 65 19	Resilient tile flooring		Lab flooring									
09 65 19	sample	SUB-096	Lab Flooring	Flooring Smaples	July-02-19	July-02-19						
09 65 19	sample	SUB-139	Lab Flooring	Vinyl Flooring Samples	Sept-30-19	Sept-30-19						
09 65 19	sample	SUB-139r1	Lab Flooring	Vinyl Flooring Samples	Nov-18-19	Nov-18-19						
Closeout	maintenance data		Lab flooring									
Closeout	Extra Stock Material - Planks - 3% or 6m2 which ever is greater of each		Lab flooring									
09 67 66	Fluid Applied Athletic Flooring											
09 67 66	shop drawing	SUB-042	Gym-Con Ltd.	Fluid-Applied Athletic Flooring Shop Drawing	April-30-19	April-30-19	July-04-19	July-04-19	July-04-19	July-04-19		RAN
09 67 66	sample	SUB-043	Gym-Con Ltd.	Fluid-Applied Athletic Flooring Sample	May-01-19	May-01-19						
Closeout	Maintenance Data		Gym-Con Ltd.									
	Warranty - 2 years as per section 1.8		Gym-Con Ltd.									
09 68 13	Tile Carpeting		Lab flooring									
09 68 13	sample	SUB-096	Lab Flooring	Flooring Smaples	July-02-19	July-02-19						
Closeout	maintenance data		Lab flooring									
Closeout	Warranty - Installers 2 year		Lab flooring									
Closeout	Warranty - Manufacture Extended 10 year warranty as per 1.9		Lab flooring									
09 81 00	Acoustic Insulation		Petko									No Submittal require as per the spec
09 84 13.13	Fixed sound absorptive cementitious panels		Petko									
09 84 13.13	product data		Petko									
09 84 13.13	samples		Petko									
09 90 00	Painting and coating		Platinum Painting									
09 90 00	product data		Platinum Painting									
09 90 00	samples		Platinum Painting									
Closeout	Extra Stock - 4 litres of each product, colour and sheen as per 1.7		Platinum Painting									
09 96 46	Intumescent painting		Fire Proofing Plus									
09 96 46	product data	SUB-131	Fire Proofing Plus	Fire Proofing & Intumescent Painting	Sept-16-19	Sept-16-19	Nov-20-19	Nov-20-19	Nov-20-19	Nov-20-19		RAN
09 96 46	samples		Fire Proofing Plus									
DIV 10												
10 11 00	Visual display surfaces		Global School Products									
10 11 00	shop drawings	SUB-109	Global School Products	white/tack boards and coat racks Shop Drawing	July-16-19	July-16-19	July-24-19	July-24-19	July-24-19	July-24-19		RAN
10 11 00	samples		Global School Products									
Closeout	Maintenance Data		Global School Products									
Closeout	Warranty - Extended warranty - 10 years as per 1.6											
10 14 00	Signage (CASH ALLOWANCE)											
	shop drawings											
	samples											
Closeout	Maintenance Data											

Color Schedule & Room Fin. Schedule needed

