



# PERCON

## CONSTRUCTION INC.

Leaders in I.C.I. Building [www.perconconstruction.com](http://www.perconconstruction.com)

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### SITE MEETING MINUTES No. 09

**Meeting Location:** 43 Millwood Road, Toronto, Ontario

**Project:** Davisville JPS Replacement – PERMIT # 18-169179

**Meeting Date:** july 18, 2019

**Minutes Issue Date:** july 19, 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				
X				
X				
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	july					july					july					august					
	week of 15th					week of 22nd					week of 29th					week of 5th					
#	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	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	Footing	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
4	Shoring	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
5	Removing debris off site - <b>in process</b>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6	contaminated soil removal off site - <b>in process</b>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	waterproofing	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8	solid pipe waterproofing install at shoring 'blind side'	x	x	x	x	x															
9	inside foundation weeping tile	x	x	x	x	x															
10	exterior fdn weeping tile	x	x	x	x	x															
11	u/g mech & elect prep in parking area - 1st phase	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					

**Progress as of this meeting:**

site grading work = 5%  
 site services = 0%

backfilling = 15%  
 footings (excavate + form + rebar + concrete) = 60%  
 fdn walls (excavate+ form + rebar + concrete) = 60%  
 mech underground (int + ext) = 0%  
 elect underground (int + ext) = 0%  
 telephone/data ductbank = 0%  
 electrical ductbank = 0%  
 masonry walls 1st floor (LB) = 0%  
 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) = 0%  
 precast slab = 0%  
 S.O.G (stone + concrete) = 0%  
 topping work = 0%  
 windows (alum + curtain wall + glass) = 0%  
 HM Door Frame install = 0%  
 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) = 0%  
 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%

<b>GENERAL OVERVIEW (NEW ITEMS IN BOLD)</b>	
<p>As of this meeting we are at: <b>CD# 03</b>  As of this meeting we are at: <b>PC# 12</b>  As of this meeting we are at: <b>SI# 23</b>  As of this meeting we are at: <b>RFI# 60 - Unanswered 16, 24, 30, 40, 56. 58. 59. 60, 61</b>  As of this meeting we are at: <b>CO# 06 – with owner for signing #6</b>  As of this meeting lost days due to weather are: <b>18 – not linear days</b>  As of this meeting the weather is: <b>+30 °C +-</b></p>	
<b>OUTSTANDING REQUEST FOR INFORMATION (RFI) (NEW ITEMS IN BOLD)</b>	<b>ACTION BY</b>
<b>Refer to the attached RFI Log regarding status</b>	
<b>SHOP DRAWING SUBMISSION STATUS (NEW ITEMS IN BOLD)</b>	<b>ACTION BY</b>
<b>Refer to the attached Shop Drawing Log regarding status</b>	
<b>CASH ALLOWANCE ITEMS – DIVISION 01 21 00, ITEM 1.1.4</b>	<b>ACTION BY</b>
1 – Supply and install of interior and exterior signage (excluding traffic signage). <b>In design stage (mtg 4) on going (mtg 5)</b>	<b>Board Snyder</b>
2 – <b>Toronto Hydro service connection charges</b> . 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) <b>as discussed cec to speak to Toronto hydro if allowed to have a power shack on site (mtg 8)</b>	<b>Cec service</b>
3 – <b>Natural gas utility company charges for new gas connection</b> . Site Instruction from <del>EWE</del> to be issued. (mtg 3) EW-M to look into natural gas <b>offer to connect</b> , 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) <b>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)</b>	<b>municipal</b>
4 – <b>Fire alarm monitoring panel</b> (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 – <b>LAN connection</b> (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 – <b>Outgoing telephone system switch</b> (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 – <b>Outgoing telephone system connection</b> (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 – <b>Telephone company's incoming service connection charges</b> (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 incoming service to main telephone terminal (mtg 5)	noted
9 – <b>Cable TV incoming service connection charges</b> (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 – <b>Security system</b> (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 – <b>Supply and install of the Lighting / HVAC controls in Gym area</b> (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 – <b>Municipal charges for new water, storm, and sanitary service connections and disconnection of existing services</b> 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. <b>In design stage (mtg 4) on going (mtg 5)</b>	noted
14 – <b>Testing and inspection SI#06</b> 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 = board to choose MILLWORK = AWMAC (mtg 4) <b>commissioning agent to be chosen still (mtg 5) (mtg 7)</b>	<b>Noted, Board</b>
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 - <b>Supply and install of the artificial turf surfacing.</b> (Base bid to include sub- base and sub-drainage shown on landscape dwgs) as per Add#03 (mtg 4) <b>under review</b> (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) <b>board noted this sytem will be possibly deleted. Board still reviewing (mtg 8)</b>	<b>Board, snyder</b>
<b>SAFETY ITEMS (NEW ITEMS IN BOLD)</b>	<b>ACTION BY</b>
<b>Consultants to provide their own safety harnesses</b>	noted
<b>Trades to provide all safety ppwrk to site and percon office before starting on site</b>	<b>All sub-trades</b>
<b>All visitors on site to Sign-In with the Site Super, and be properly equipped with PPE.</b>	<b>All</b>
<b>All individuals, including sub-trades' sub-trades, should obey and respect the safety policy at all times when they are on site.</b>	<b>All</b>
<b>Visitors to be careful when walking in the site, due to open excavation and exposed rebar</b>	<b>All</b>
4.09 – as discussed the fenced off easement roadway at 68 davisville: - there are existing orange garbage bins - no percon trades people or employees are using it as parking	<b>Noted</b>

- area is not in percon's control or carriage
- area is not covered under percons insurance
- photos have been taken of current conditions (mtg 4)

OLD MEETING ITEMS --- (NEW ITEMS IN BOLD) --- *** = post mtg notes --- PCM = pre-construction mtg	ACTION BY
<p>1.5 – <u>SI#03 - Easement Clarification</u> has various issues and they will eventually prevent foundation work to precede beyond gridline 12 / 13. This will potentially cause schedule delay as major subtrades will need to demobilize and remobilize on site. A formal Letter has been submitted by Percon elaborating the site situation, currently waiting on the board and the consultants' response. Formal response to the letter to be issued. Meeting to be arranged with the Board, Consultants and Percon to discuss means &amp; method and design of the construction. (mtg 2)  Meeting conducted. Waiting on the formal response from the Board and Snyder. (mtg 3)  CD# 3 issued for shoring work only. The remaining work to be issued under a PC, today/tomorrow (mtg 4) CD# 3 quote submitted and is under review. PC# 5 has been issued for the remainder and is out for pricing (mtg 5) as discussed civil trade is requesting a formal dwg dwg from the civil consultant to describe the change. Snyder note the civil changes will be under PC# 5r1, Snyder to issue (mtg 6) (mtg 7)  *** PC# 5r1 issued june-21-19  <b>Currently with trades for pricing (mtg 8) (mtg 9)</b></p>	<p><b>Percon + trades</b></p>
<p>2.1 – Property Bars are found on site – there are 5 found. 1 property bar is found 3ft inside the fence line along the Davisville road. (mtg 2) Board to confirm why 1 property bar was located 3 ft inside the fence line. (mtg 3)  As discussed, Board asked budget surveyor to locate the property bars and all monuments. Budget has informed they can't locate any registered site markers. Board to get the board surveyor back (llyod &amp; Purcell) to site and verify all the property bar locations against original survey documents. As noted L&amp;P will take 20 days to come to site (mtg 4) lloyd &amp; Purcell to return to site this week to survey 68 davisville easement, and to also verify property bars. As noted the property bar which is beyond the property line is obsolete, it is from a former property/easement. L&amp;P to co-ordinate with craig when on site (mtg 5) L&amp;P did not show. Board to follow up (mtg 6) board note L&amp;P did perform the work. board to forward the drawing. Board note there are additional bars also added (mtg 7) board noted the work was completed and will send out the survey dwg (mtg 8) <b>work completed Snyder to send out an official instruction notification (mtg 9)</b></p>	<p><b>snyder</b></p>
<p>2.3 – <b>Garage access control</b> to be Superior Product Type (mtg 2)  This is in regards to the Gates and Swipe card for the underground parking garage access, EWE to provide information.(mtg 3)  CA item #13. in design stage between owner and ew-e for power compatibility, and security (mtg 4) with board and under review. percon note if there is an in ground detection loop, this info will be needed asap, as it will affect the fdn work. (mtg 5)  as discussed:  - ground loop to be added  - there will be a second set of gates close to the elevator. As discussed fdn concrete work is approaching that area quickly, any conduits that need to be embedded needs direction quickly</p> <p>Instruction to be issued by EW-e (mtg 6)  Currently this is with the board under review before direction can be given to the consultants. Board to expedite given the urgency (mtg 7) SI# 16r1 and SI#20 issued. Snyder noted there will be slab thickening done at the gates, as per structural requirements. Percon notes the slab work will be happening in the next 2 weeks (mtg 8) <b>Snyder to issue PC# 12 for the slab thickening portion (mtg 9)</b>  *** PC# 12 issued</p>	<p><b>noted</b></p>
<p>2.9 – <b>Commissioning agent to be chosen</b>, 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) <b>on going, with baord</b> (mtg 5) (mtg 6) (mtg 7) (mtg 8) <b>(mtg 9)</b></p>	<p><b>Board</b></p>
<p>3.0 – Board has asked for Snyder to review and confirm site plan approval and if there is any impact on the building permit. (mtg 3)  Snyder note the SPA review is holding up the issuance of the final bldg. permit. Snyder note it is at the signature level. As noted Current permit is for fdn to roof, and includes civil work. When full permit is ready Percon will print at a cost (mtg 4)</p>	<p><b>Snyder, noted</b></p>

<p>board has reviewed and signed the SPA, and sent it back to the city. It is with the city now for final signing and issuance. Snyder to follow up (mtg 5) as discussed the city has signed it, waiting for copy / ppwrk (mtg 6) (mtg 7) <b>on going. city needs more documents from the board before processing (mtg 8) (mtg 9)</b></p>	
<p>3.1 – Board to contact <b>Bell</b> for any <b>existing line rework required that serves the houses at 68 Davisville.</b> (mtg 3) As discussed formal RFI to be issued. But owner to review internally also (mtg 4) RFI# 16 issued. Between bell and board to resolve (mtg 5) unresolved still, sal to speak to bell directly (mtg 6) <b>un resolved Sal and bell are in discussions</b> (mtg 7) (mtg 8) <b>(mtg 9)</b></p>	Board
<p>3.5 – Electrical hardware, such as tab operator, lights for barrier free washroom, has to be coordinated with the Electrical Consultant and hardware contractor to ensure there is no issue at time of installation. Items in the Cash Allowance to be reviewed to identify the scope of work for all parties. (mtg 3) ew-e reviewing the electrical rough-ins, location, power requirements, and any AODA requirements. To be co-ordinated with Snyder any discrepancies, if discovered an instruction to be issued (mtg 4) EW-e responded to snyder via email, but there are still issues. Electrical supply has to be located to the active leaf. Snyder and ew-e to further review and discuss. After review clarification instructions to be issued, noting any changes/alterations (mtg 5) EW-e issued an instruction, and is with Snyder to issue (mtg 6) with Snyder under review before issuing. percon note door frames are being ordered as the site needs them. Currently door frames do not have preps for electric hardware, if frames need to be Re &amp; Re after there will be cost (mtg 7) as discussed the doors and frames need to be prepped / roughed in for security, electrified strikes, which needs a detail on how. what is required is a conduit and box within the door frame, to the various locations (mtg 8) <b>Snyder &amp; EW-E issued email on july-16-19, noting dwg e12 detail #5 notes detail on conduit and boxes to be installed on door frames for electrical hardware device use. Percon note HM frame and door specs and schedules do not note any requirements for prep work for security devices. Percon notes HM frames are being released today (mtg 9)</b></p>	Percon, cec, EW-E, Snyder, metal door
<p>4.07 – percon to follow up with general sprinkler on design / shop dwgs (mtg 4) ew-m note pressure info is under the sprinkler division section 210010. As discussed the pressure tests are 2 years old. Snyder to contact cortex if water pressure test is still valid, or be re-done (mtg 5) as discussed cortex will re-test the water pressure, work being scheduled through owner/Snyder (mtg 6) (mtg 7) cortex confirmed the pressure results are good for a year, and to stay as noted as per instructions. As discussed the sprinkler shop dwgs to be submitted as is for review (mtg 8) <b>general sprinkler has performed a new flow test on june-26-19, and this has been sent to the consultants. EW-M to review the sprinkler results and note if okay for site water needs (mtg 9)</b>  <b>*** A EW-M july-18-19 email, test results from general sprinkler and spec requirements have a negligible difference. The current water pressure for the area will serve the needs for the building</b></p>	noted
<p><b>4.08 – regarding CD# 2 – contaminated + debris soil.</b>  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) <b>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)</b></p>	noted
<p><b>4.13 – monitoring well #107</b>  - shows <b>soil</b> contamination  - This is on the budget demolition side.  - owner to determine the action to take, but for now the area will remain as is (mtg 4) on going (mtg 5)  Area is behind the building footprint at the location of the old school. When uncovered, and disposed. Depth of contamination, and area of contamination (length, width) to be documented on the HLV2K reports (mtg 6) Rockwell siteworks is not at this area yet (mtg 7) <b>when Rockwell at area, percon will notify HLV2K. work to be submitted under the chemical contaminated CD#2 instruction (mtg 8) (mtg 9)</b></p>	noted, HLV2k, Rockwell siteworks

<p>5.04 – HLV2k noted based on past projects, they noted that an environmental approval (<del>EZERT</del> <b>EASR</b>) will be needed for mechanical equipment that burns natural gas. Any equipment that burns natural gas which is under 20 million BTU/hr, requires an <del>EZERT</del> <b>EASR</b> application/approval.</p> <p>ew-m to look into. if ew-m has an enviornmental # then this needs to be forwarded to the board (mtg #5) <b>as discussed HLV2K will review and apply for the permit on behalf of the consultants/team, HLV2K to confirm if required first though before starting application (mtg 6) (mtg 7) board to follow up with HLV2K (mtg 8) (mtg 9)</b></p>	HLV2K, board
<p>6.05 – as discussed Rockwell noted they <b>stockpiled topsoil needs to be tested</b> if okay and what amendments are needed. As discussed and agreed to, HLV2K to perform topsoil testing (mtg 6) samples taken, on going (mtg 7) <b>report not received yet. Percon to follow up with HLV2K, as reports are taking too long to be issued (mtg 8) (mtg 9)</b>  <b>*** copy of all reports up to jul-3-19 rc'vd but missing topsoil results still</b></p>	HLV2K
<p>6.07 – as discussed on site depending on the affected area, excavation and removal of found contaminated soil areas, should be limited to a 1m depth, but ultimately it will be to the discretion of HLV2K (mtg 6) <b>to clarify for landscape areas (mtg 7) board to follow with HLV2K (mtg 8) (mtg 9)</b></p>	HLV2K, board
<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) <b>PMA landscaping speaking with board on appropriate product to use. Issue still under review (mtg 9)</b></p>	Snyder, board, PMA
<p>7.01 – as discussed cec services has noted that the intent is to have the primary and seconday power lines installed this year to avoid cost increases in power cable. As discussed a power shack is to be used until the building is ready. <b>Cec to speak to Toronto hydro (mtg 7) (mtg 8) on going (mtg 9)</b></p>	Cec services
<p>8.01 – percon note due to the weather (rain), and other projects, the shoring sub-trade who was scheduled to start work on july-8-2019, has pushed the start date approximately 1 week (mtg 8) <b>trade expected to be on site july-19-19 (mtg 9)</b></p>	noted
<b>NEW MEETING ITEMS</b>	<b>ACTION BY</b>
<p>9.01 – Board notes the surrounding neighborhood is noting issues with airborne dust/dirt from the construction site. percon notes, best efforts are being taken, road is swept on a regular basis (mtg 9)</p>	noted
<p>9.02 – Snyder to issue instruction regarding slopes, as associated to the questions within RFI# 30 (mtg 9)</p>	Snyder
<p>9.03 – board asking for a barrier to be placed around the gas tank for safety issues. Percon to do (mtg 9)</p>	percon
<p>9.04 – percon note on behalf of the shoring trade they are proposing to use rakers in lieu of tie backs, for the wall perpendicular to davisville road. If consultants are okay with this, there is no need for the tie back tests, and it will speed up the shoring work. (mtg 9)</p>	Snyder, stephensons
<p>9.05 – percon note the 68 davisville easement issue needs to be resolved quickly to keep the construction on site moving, and working properly. eventually the west side access will have to be shut down, which will leave no access to the parking garge (mtg 9)</p>	board
<p>9.06 – percon note general sprinklers has been in discussion with EW-M regarding a valve station in lieu of multiple valves, on each floor. The proposal is generally accepted, but the issues are:</p> <p>1 – where to have the valve station, i.e a custodian closet, or other  2 – are there any electrical interferences. EW-E to review the proposal sketch from general sprnkler  3 – what are the architectural implications</p> <p>Upon reviews, instruction to be issued so that general sprinkler can proceed with the sprinkler shop dwgs (mtg 9)</p>	Snyder, EW-M, EW-E

9.07 – percon note there are numerous outstanding shop dwgs under review with the consultants, a majority are associated to structure and rebar. Percon needs any hop dwg that is oldwer than 2 weeks to be issued ASAP. Percon has issued emails to each consultant listing the outstanding shop dwgs (mtg 9)	Snyder, EW-M, EW-E, stephensons
9.08 – percon note on behalf of forum athletic, that a structural change had to be made to suit gym equipment. Snyder (kamal) and forum athletic have been in discussion via email on this. Snyder to follow up and issue the change (mtg 9)	Snyder, stephensons

**NEXT MEETING: Wednesday July 31, 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		
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		with subs				
25		with subs				
26		with subs				
27		with subs				
28		with subs				
29		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	NO						
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	NO						need formal response
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	NO						need formal response
31	arch	string dimension on dwg A200 request	june-3-19	email	ASAP	Yes	July-02-19			yes	subs, site	
32	arch/mech	dimension & info on dwg A201 request	june-3-19	email	ASAP	Yes	June-19-19				subs, site	response needs further review
33	S	MSQ#9	June-04-19	email	ASAP	Yes	June-18-19			yes	subs, site	
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	

RFI	CONSLT	DESCRIPTION	SENT	VIA	REPLY BY	RESP	RESP RCVD	SI	CN	EMAIL	REPLY SENT TO	COMMENT
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			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	NO						
41	arch / struct	precast stair & slab questions	june-14-19	email	ASAP	Yes	June-18-19			yes	subs, site	response needs further review
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			yes	subs, site	response needs further review
44	arch / struct	angled precast slab cut support	june-20-19	email	ASAP	Yes	July-02-19				subs, site	
45	arch / struct	wall thickness discrepancies	june-20-19	email	ASAP	Yes	July-03-19			yes	subs, site	
46	arch / struct	stair H & K if precast or not	june-20-19	email	ASAP	Yes	July-02-19			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			yes	subs, site	
49	mech / arch	various mechanical plumbing issues + clarifications	june-21-19	email	ASAP	yes	june-21-19			yes	subs, site	response needs further review
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			yes	subs, site	
55	mech	XXX zurn drain clarification	july-2-19	email	ASAP	YES	july-3-19			yes	subs, site	
56	arch / elect	interactive projector dimensions	july-4-19	email	ASAP	NO						
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	NO						
59	struct / arch	structural steel MSQ# 10	july-5-19	email	ASAP	NO						
60	struct / arch	structural steel MSQ# 11	july-5-19	email	ASAP	NO						
61	elect	lighting control convenience power	july-8-19	email	ASAP	NO						need formal response
62				email	ASAP	NO						
63				email	ASAP	NO						
64				email	ASAP	NO						
65				email	ASAP	NO						

## DAVISVILLE JUNIOR PUBLIC SCHOOL - SUBMITAL LOG

SUBMISSION STATUS LEGEND	CONSULTANT TO REVIEW FOR APPROVAL SUBTRADE TO SUBMIT TO BE DEALT / DISCUSSED					REVIEW STATUS LEGEND	REJ - Rejected	REV - Reviewed	RAN - Reviewed as Noted					
Spec Section	Spec Description	SUB - NO.	Company	Description	Close out Doc Received	DATE IN FROM TRADE	DATE OUT TO CONSULTANT	DATE IN FROM CONSULTANT	DATE OUT TO TRADE	DATE TO SITE - PRINTED	DATE FOR CLOSEOUT COPY	DATE FOR ARCHITECT COPY	Status	Comments
Div 1	General Requirements													
Division 1	Tree Protection		Percon											
Cash Allowance	Parking Garage Gates Shop Drawing		Convergent Tech. Convergent 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														
014523.07 Part 9	Field Welding of Reinforcement - Compliance for CSA W186													
014523.07 Part 10	Reinforcement Placement on site Foundation Walls and Columns Framed Slabs and Beams Masonry Wall Reinforcing													
	<b>TEST REQUIREMENTS CAST-IN-PLACE CONCRETE</b>													
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 Structure Concrete, tests for each day													
14523.07 Part 8	Baseplat goruting test each day													
03 30 53	<b>CAST-IN-PLACE CONCRETE</b>													
	<b>FORMWORK</b>													
	Shop Drawing	SUB-024	Jessco	Formwork Systems Shop Drawing		April-08-19	April-08-19	April-09-19	April-09-19				REJ	
	Shop Drawing	SUB-024r1	Jessco	Formwork Systems Shop Drawing		April-24-19	April-25-19	April-30-19	April-30-19				REJ	
	Shop Drawing	SUB-024r2	Jessco	Formwork Systems Shop Drawing		May-27-19	May-27-19	June-03-19	June-03-19	June-03-19	June-03-19		REV	
	Shop Drawing		Jessco	Shoring for Ground Floor Shop Drawing		June-25-19	June-25-19							
	<b>Concrete Reinforcement and Embedded Assemblies</b>		AGF-Rebar											
	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
	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	
	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	
	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	
	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	
	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	
	shop drawing	SUB-017	AGF-Rebar	Foundation Wall Reinforcement (R123 + R200-R204)		March-27-19	March-27-19			Not Reviewed. Refer to SUB-060				
	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	June-19-19	RAN	waiting on PC#2 approval
	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
	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
	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
	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	
	shop drawing	SUB-034r1	AGF-Rebar	Rebar Shop Drawing, R216, 306, 400, 401, 403										
	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	June-19-19	RAN	
	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	June-19-19	RAN	
	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	June-03-19	RAN	
	shop drawing	SUB-077	AGF-Rebar	Rebar Shop Drawing, R402, 404 - 406		May-28-19	May-28-19							
	shop drawing	SUB-087	AGF-Rebar	Rebar Shop Drawing, R500 - 505		June-19-19	June-19-19							
	RFI	SUB-014	AGF-Rebar	typical length vertical bar of masonry wall.		March 22 2019	March 22 2019	March-28-19	March-28-19				REV	RFI#07

	product data		AGF-Rebar																
	mill report		AGF-Rebar																
	strain test		AGF-Rebar																
	<b>Cast-in Place Concrete</b>		Innocon Inc																
	mix design	SUB-002	Innocon Inc	Concrete Mix Design		March 08 2019	march 08 2019	March 27 2019	March 27 2019	April-07-19									RAN
03 35 43	<b>Concrete Floor Sealing</b>																		
1.2 Product Data	Provide Product Data, including data sheets																		
1.3 Closeout	Provide Manufactures Standard Maintenance Guidelines																		
03 41 13	<b>Precast Structural Concrete</b>		Coreslab																
03 41 13	concrete mix design		Coreslab																
03 41 13	shop drawing	SUB-097	Coreslab	Coreslab Shop drawing - lvl 2		July-04-19	July-04-19												
03 41 13	structural design calculation		Coreslab																
03 41 13	welder certification		Coreslab																
03 41 13	product data		Coreslab																
1.5 Warranty	Provide 5 Year Warranty		Coreslab																
03 41 23	<b>Precast Concrete Stairs</b>		Coreslab																
03 41 23	Shop Drawings	SUB-084	Coreslab	Level 0 to Level 1 stairwells only Shop Drawing (Stairs D. E. G)		June-14-19	June-14-19												
03 41 23	Shop Drawings	SUB-098	Coreslab	Precast Shop Drawing		July-05-19	July-05-19												
03 41 23	Product Data, Cut Sheets		Coreslab																
<b>DIV 4</b>																			
14523.15	<b>Testing and Inspection Masonry and Masonry Reinforcing</b>		JVH Masonry																
Part 6	Mortar Testing - Each 500m2 and 2 tests for every floor lift		JVH Masonry																
Part 7	Grout Test - Each 20m3 of grout poured		JVH Masonry																
Part 8	Masonry Testing - 5 units of each size for each 500m2 and each Storey		JVH Masonry																
	Tests doubled for units greater than 15MPA and Clay Units at 25 MPA		JVH Masonry																
04 05 00	<b>COMMON WORK RESULTS FOR MASONRY</b>		JVH Masonry																
1.2	SAMPLES AS PER BELOW		JVH Masonry																
1.4	TEST REPORTS AS PER BELOW		JVH Masonry																
1.6	MOCK UP PANEL - 1220 x 1860		JVH Masonry																
3.1	CLEANING		JVH Masonry																
04 05 10	<b>Masonry Mortaring and Grouting</b>		JVH Masonry																
	sample		JVH Masonry																
	mock up		JVH Masonry																
04 05 19	<b>Masonry Anchorage and Reinforcing</b>		JVH Masonry																
Section 2	Samples		JVH Masonry																
04 05 23	<b>Masonry Accessories</b>		JVH Masonry																
1.3	Mockups		JVH Masonry																
2	Product Samples		JVH Masonry																
04 21 00	<b>Clay Unit Masonry</b>		JVH Masonry																
	mock up		JVH Masonry																
04 22 00	<b>Concrete unit masonry</b>		JVH Masonry																
	sample		JVH Masonry																
	mock up		JVH Masonry																
04 43 16.01	<b>Quarried Stone</b>		JVH Masonry																
	Samples and Documentation on Source of Quarried Sample		JVH Masonry																
<b>DIV 5</b>																			
	<b>TEST REQUIREMENTS - STRUCUTRAL STEEL</b>		Mirage Steel																
014523.12 - 3.2	Structural Steel Shop Inspection		Mirage Steel																
014523.12 - 3.3	Structural Steel Field Inspections		Mirage Steel																
014523.12 - 3.4	Bolted Connection Testing		Mirage Steel																
014523.12 - 3.5	Welded Connection Testing		Mirage Steel																
014523.12 - 3.6	Headed Stud Testing		Mirage Steel																
014523.12 - 3.7	Architecturally Exposed Strucutral Steel		Mirage Steel																
	<b>TEST REQUIREMENTS - STEEL DECK</b>																		
14523.13	Field Inspection																		
05 12 00, 05 12 13	<b>Structural Steel, Architectural Exposed Structural Steel</b>		Mirage Steel																
05 12 00, 05 12 13	calculations, shop drawing		Mirage Steel																
05 12 00, 05 12 13	preconstruction survey		Mirage Steel																
05 12 00, 05 12 13	erection procedure	SUB-004	Mirage Steel	Post Installed Anchor Bolts		March 12 2019	March 12 2019	March 14 2019	March 14 2019	April-07-19									REJ
05 12 00, 05 12 13	erection procedure	SUB-006	Mirage Steel	Post Installed Anchor Bolts		March-13-19	March-13-19	April-26-19	April-26-19	April-26-19	May-06-19								REV
05 12 00, 05 12 13	quality control program		Mirage Steel																
05 12 00, 05 12 13	product data		Mirage Steel																
05 12 00, 05 12 13	welding procedure		Mirage Steel																
05 12 00, 05 12 13	welder certification		Mirage Steel																
05 12 00, 05 12 13	mill report		Mirage Steel																
05 21 19	<b>Structural Steel &amp; OWSJ</b>		Mirage Steel																
05 21 19	design calculation		Mirage Steel																
05 21 19	shop drawing	SUB-015	Mirage Steel	Ground Floor Lintel Shop Drawings		March-27-19	March-27-19	April-10-19	April-10-19	April-10-19									RAN
05 21 19	shop drawing	SUB-015	Mirage Steel	Ground Floor Lintel Shop Drawings - E2.4		N.A	N.A	May-30-19	May-30-19	May-30-19	May-30-19								RAN
05 21 19	shop drawing	SUB-021	Mirage Steel	Second Floor Framing Plan E3.1, 3.2, 6.1		April-04-19	April-07-19	April-24-19	April-24-19	April-24-19									RAN
05 21 19	shop drawing	SUB-021r1	Mirage Steel	Second Floor Framing Plan E3.1, 3.2, 6.1		na	na	April-30-19	April-30-19	April-30-19	May-06-19								RAN
05 21 19	shop drawing	SUB-022	Mirage Steel	Second Floor Framing Plan E3.3, 6.2		April-05-19	April-07-19	April-24-19	April-24-19										RAN

E2.4 was reissued from the consultant with additional comments.

Reissued from arch. As resp. to RF#14















