



673-2006 ADDENDUM No. 1

A PUBLIC – PRIVATE PARTNERSHIP FOR EAST DISTRICT POLICE STATION DEVELOPMENT AND OPERATION

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

ISSUED: April 4, 2007
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20060821

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph Appendix D, Proposal Certification may render your Bid non-responsive.

APPENDIX G - SPECIFICATIONS

Replace: 0 00 10 TABLE OF CONTENTS with attached 00 00 10 (R1), (6 pages)

Revise: 06 20 00 2.3.2.4 to read: PLAM-4: Arborite; Silvertone Granite P-898-CA; Cashmere texture.

Delete: 06 20 00 2.3.2.11

Revise: 06 20 00 2.4.3 to read: ET-3: Woodtape Accent Edge PVC; Fog Grey 242S; 3 mm thick.

Revise: 08 80 00 2.2.5 to read: Plastic film: Vinyl window film: 3M Scotchcal Electro Cut Plastic film; pattern Diamond Etch.

Revise: 09 31 00 1.10.1 to read: Provide 2% *extra materials* of each size, colour, and surface finish of tile specified.

Revise: 09 31 00 2.1.3 to read: Porcelain Tile (PCT-3): Olympia tile: Yura series; NY.YS.SNO.0416.OC; Colour – Snow Y01; 4" x 16".

Revise: 09 31 00 2.1.7 to read: Glass Tile (GT-1): Ames Sanwon Ceramic; colourful Life Décor Glass Tile; colour - Z7 Glacier; *Finish – Smokie / Frosted*; 2" x 2".

Revise: 09 57 00 2.3.1 to read; Security Planks: 1.9 mm thick galvanized steel with overlapping edges; 600 mm wide; perforated with 23% open area; *perforation pattern – 3mm dia. Holes on 6mm staggered centres.*

Revise: 09 65 00 2.1.1 to read: Resilient Sheet Flooring (RSF-1): Tarkett Optima colour and pattern through total thickness; colour 05832 - Brown; weldrod - Matching 32944296.

Revise: 09 65 00 2.2.2 to read: Static Control Rubber Flooring (RF-2): Static Smart Environments by Julie Industries; StaticSmart Rubber ESD control, static dissipative hammered surface rubber tile flooring; Rhino Rubber Series; Sumatran Basalt colour No. 3902; tile size 1000 mm x 1000 mm x 3.5 mm thick.

Revise: 09 95 00 2.1.1.1 to read: Flooring EF-1: Stonehard *Stoneshield* HRI with Stonproof ME7 waterproof membrane; colour to be Ash with medium texture and matte finish.

- Revise: 09 95 00 2.1.1.2 to read: Flooring EF-2: Stonehard *Stoneshield* HRI with Stonproof ME7 waterproof membrane; colour to be Ash with matte finish. Texture to be grit free - sand between the top gloss coats removing all the grit leaving a smooth "orange peel" finish.
- Revise: 09 95 00 2.1.2 to read: Epoxy Seamless Flooring (EF-3): 100% solids, no VOC no odour two component Epoxy coating, 4 mils thick. Colour to be Charcoal. Provide Safety yellow colour for parking lines. *Primer: HT primer or Stonecrest GS3. Texture 2, to be broadcast in epoxy for slip resistance.*
- Revise: 09 05 00 2.1.3 to read: Epoxy Seamless Flooring (EF-4): 100% solids, no VOC no odour, multi-coat system consisting of troweled mortar system: three component Epoxy, system; 6 mm thick; Colour to be Charcoal. *Primer: HT primer.*
- Revise: 10 09 00 2.1.1.1 to read: Series & Model No.: Custom – Refer to *Revision Sheets RA-6, RA-7, and RA-8.*
- Revise: 10 09 00 2.6.1.1 to read: Room G200 size – *1780mm x 1780mm* wide.
- Revise: 10 09 00 2.13.1 to read: Safety Nosing: Wooster Products Spectra safety treads; Type WP3J; 78mm wide
- Revise: 10 11 00 2.4.1.2 to read: EG-2 Model No. EETB6048E; 1524 mm x 1200 mm. Magnetic writing surface one side.
- Revise: 10 11 00 2.4.2 to read: Track (TR-1): Egan Visual Model EMST96; Metallic finish; *length as noted on schedule.*
- Revise: 10 11 00 2.4.3 to read: Track (TR-2): Egan Visual Model EMTT120; Metallic finish; *5485 mm track length.*
- Revise: 10 11 00 Tackboard/Whiteboard Schedule as follows:
For Room No. G 193A, Item TR-1, indicate size as "3860 mm long – Refer to Elev. 38/A-6.1".
- Revise: 10 14 19 Sign Message Schedule as follows:
Delete requirement for French translation on the following signs: SL1-EX16, SL1-EX43 thru SL1-EX80, SL1-ID104 thru SL1-ID121, SL1-ID201, SL1-ID202, SL1-ID301, SL1-ID302m SL1-ID304, SL1-ID306, SL1-ID314 thru SL1-ID316, SL1-ID401 thru SL1-ID410, SL1-ID507, SL1-ID509, SL1-ID510, SL1-ID514, SL1-ID515, SL1-ID601 thru SL1-ID605, SL1-ID607, SL1-ID608, SL1-ID610, SL1-ID612 thru SL1-ID614, and SL1-ID701 thru SL1-ID703.
- Revise: 10 21 23 2.1.1 to read: Curtain track (DT-1): continuous one piece extruded aluminium profile, 17 mm wide x 32 mm wide; AA6063 – T6 alloy; *Silent Gliss #6170* bulkhead mounted with Screws every 600 mm. Track layout as indicated on drawings; aluminium finish satin clear anodized suspension system.
- Revise: 10 21 23 2.2.6 to read: Fabric (FB-1): shower liner; Milliken Shower shield; 100% Dacron polyester with Visa XL finish; 72" wide material; colour - Snow; fire retardant and antimicrobial.
- Revise: 10 21 23 2.2.7 to read: Fabric (FB-2): Maharam privacy Curtain; fabric name- Segue 511310; 002 Linen colour' 50% Trevira CS Bioactive polyester, 50% polyester; 72 " wide material.
- Add: 10 21 23 3.2.6 to read: Install wood blocking above ceiling for secure fastening of drapery track at all drapery track locations.
- Add: Section 12 06 00 (13 pages)
- Add: Section 12 51 20 (5 pages)
- Add: Section 12 59 00 (25 pages)

- Revise: 12 24 13 2.1.3.1 to read: BLD-1: Fabric: sunscreen 600 - 3%; fabric colour #614/641; *colour #614 to face room side*; 36% fibreglass/ 64% PVC; 0.65 mm thick; 12.1 oz. / sq.yd.
- Revise: 12 24 13 2.1.3.2.1 to read: Fabric 1: Oscurama 100; fabric colour #123; (black out fabric closest to exterior window).
- Delete: 22 10 10 2.2 Sewage Pumps
- Add: 22 10 10 2.4 as follows: Domestic Hot Water Tank/ Storage Tank Circulating Pump P-14.
- .1 SA Armstrong inline circulator, all bronze body pump for temp up to 225 degrees Fahrenheit.
 - .2 Refer to pump schedule, coordinate with electrical, all wiring by electrical.
 - .3 Refer to standard detail sheet.
- Revise: 22 30 05 2.1.1 to read: The water heater shall be a Turbomax model 109 as manufactured by Thermo 2000 Inc. The water heater shall be equipped with copper piping in the form of parallel helicoidal lines with a maximum operating pressure of 150 psi. All copper components will adhere to the NSF 61 standard from the NSF International Standard Drinking Water Systems Components Health Effects document. All copper components shall be welded with lead-free silver Silfoss solder compound. The water heater shall be equipped with a patented steel injector, located on top of the tank, to act as a boiler water outlet. The tank shall be made of high-carbon steel. All joints shall be arc-welded using the MIG/argon process. The tank shall have a maximum operating pressure of 150 psi and shall undergo a 300 psi hydrostatic test. The boiler shall be wrapped in a glass fiber insulating jacket limiting thermal loss to ½°F per hour. The outer shell shall be epoxy coated. The water-heater shall be equipped with a thermostat (aquastat) that closes the circuit at 9°F below the set point and opens it at the set point. The tank shall be equipped with a brass drain cock with a maximum operating pressure of 150 psi. Three adjustable supports shall allow the leveling of the unit. The boiler shall be shipped from the plant equipped with a safety relief valve as per the ASME code, adjusted to a 30 psi setting, a themomanometer and an automatic air bleeder. The water heater is protected by a 10-year warranty, refer to manufacturer's documentation.
- Revise: 22 30 05 2.2.1 to read: Supply and install one Turbomax vertical ASME hot water storage tanks rated at 862 kPa (125 psi) working pressure, complete with (11" x 15") side manhole, lifting lugs, all necessary screwed tappings, approximate capacity 120 US Gallons.
- Revise: 22 42 01 2.1 to read: FLOOR DRAINS
1. FD #1: (Ground Floor)
 1. Zurn ZZN-415-A cast iron floor drain with 6" (150mm) diam. adjustable 1/2" (13mm) thick nickel bronze strainer.
 1. Acceptable Material: Zurn, Mifab
 2. Zurn Z-415-R cast iron, adjustable nickel bronze strainer, cast iron collar, floor level clamping ring, vandal-proof screws. Rough-in to adjacent flooring material as per manf. installation recommendations.
 1. Use in areas where sheet vinyl, sheet rubber, or sheet metal flooring material is used.
 2. Acceptable Material: Zurn, Mifab.

2. FD#2: (Rowdy)
 1. Jay R. Smith flushing rim floor drain.
 1. Model #2508, acid resistant coated interior, nickel bronze top with vandal-proof grate, c/w flushing connection.
3. FD#3: (Search Alcove)
 1. Bradley WC7500 stainless steel in-floor toilet (Detox), c/w flushing connection.
4. FFD #1: (Mechanical Room)
 1. Zurn Z-415-F cast iron floor drain, 3" x 9" (75mm x 225mm) polished nickel bronze strainer with one piece oval funnel with full port opening.
 1. Acceptable Material: Zurn, Mifab.
 2. Zurn Z-415-R cast iron body, floor clamping ring with grate and 3" x 9" (75mm x 225mm) bronze oval funnel strainer, one piece full port opening funnel grate.
 1. Rough-in to adjacent flooring material as per manf. installation recommendations.
 2. Use in areas where sheet vinyl and sheet rubber flooring material is used.
 3. Acceptable Material: Zurn, Mifab.
5. HD (Hub Drain)
 1. Zurn Z-326 indirect waste funnel.

Revise: 22 42 01 2.2 to read:

ROOF DRAINS

1. Roof Drains - Control Flow
 1. Zurn ZA-105-CERA with cast iron body, aluminium dome strainer, deck clamp, waterproofing flange, roof sump receiver, extension frame, 6" (150mm) high parabolic weirs as required.

Revise: 22 42 01 2.6 to read:

BACK FLOW PREVENTERS

1. As described on plans and as required by latest manual for the 'selection and installation of backflow prevention devices'. CAN/CSA B64.10S1-04/B64.10.1S1-04.

Delete: 22 42 01 2.8 Solids Interceptor

Delete: 22 42 01 2.9 Water Softener

Revise: 22 42 01 2.11 to read:

EXPANSION TANKS

1. Provide HG expansion tank for potable hot water system, bladder type model BFA 30.

Revise: 22 42 01 2.13 to read:

EMERGENCY EYEWASH

1. EW-1 (Eyewash Mechanical Room)

1. Bradley wall-mounted eye/face wash, S19-220FW, plastic bowl, wall mount bracket, pushdown handle.
2. Refer to Mixing Valve Section.
2. EW-2 (Eyewash Equipment Decontamination)
 1. Bradley S19-270B swing deck/counter mount eye/face wash, stainless steel pushdown handle.
 2. Refer to Mixing Valve Section.
3. DS-1 (Drench Shower Garage)
 1. Bradley S19-310FW, plastic showerhead and bowl.
 2. Refer to Mixing Valve Section.

Revise: 22 42 01 2.14 to read:

MIXING VALVES

1. MX-1
 1. Leonard TM-600 drench/combo, c/w cold water bypass.
2. MX-2
 1. Leonard TM-300 eye/face wash c/w cold water bypass.
3. MX-3
 1. Domestic hot water supply Mechanical Room.
 2. Symmons 5-200 tempcontrol thermostatic controller with swivel action check stops at 20 psi pressure differential, @ 18 gpm.

Revise 22 42 02 2.1.7 to read:

Water Closet and Trim

1. WC-1
 1. Toto, wall hung flushometer siphon jet toilet CT708, 1.6 gallon per flush, 1-1/2" top spud, elongated, white vitreous china.
 2. Sloan Uppercut dual-flush flushometer, WES-111, down 1.6 gpf, up 1.1 gpf, chrome plated antimicrobial coating on handle.
 3. Toto Commercial Toilet Seat SC534, open front less cover for elongated bowl, c/w stainless steel hinges and mounting accessories.
 4. Carrier Zurn Z-1208 for 6" wall installation.
2. WC-2 (Handicap)
 1. Toto, wall hung flushometer siphon jet toilet CT708, 1.6 gallon per flush, 1-1/2" top spud, elongated, white vitreous china.
 2. Sloan Uppercut dual-flush flushometer, WES-111, down 1.6 gpf, up 1.1 gpf, chrome plated antimicrobial coating on handle complete with bumper.
 3. Toto Commercial Toilet Seat SC134, open front with cover for elongated bowl, c/w stainless steel hinges and mounting accessories.

4. Carrier Zurn Z-1208 for 6" wall installation.
3. Urinal-1
 1. Toto UT447 low consumption washout urinal, ADA compliant, ¾" top inlet spud, 2" IPS outlet flange, back spud outlet.
 2. Sloan Optima systems battery powered flushometer, Royal Model 186 for ¾" top spud.
 3. Carrier Zurn Z-1222.

Revise 22 42 02 2.1.8

Basins and Fittings

1. Lav-1
 1. Kohler Countertop Lavatory K-2098ADA, white vitreous china, self rimming with overflow, 4" centres.
 2. Sloan Model SL-0890, 4" centre-set, deck-mounted with 4" wrist blade handles, standard aerator, ceramic cartridges.
 3. Delta 33T290 offset p.o. plug with open grid strainer.
 4. Delta 33T311 c.b. adjustable P-trap with cleanout plug.
 5. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
 6. Trubro lav. guard under sink protective pipe covers.
2. Lav-2 (Handicap)
 1. Toto Wheelchair User's Lavatory LT308.4, white vitreous china, self rimming with overflow, 4" centres.
 2. Sloan Model SL-0890, 4" centre-set, deck-mounted with 4" wrist blade handles, standard aerator, ceramic cartridges.
 3. Delta 33T290 offset p.o. plug with open grid strainer.
 4. Delta 33T311 c.b. adjustable P-trap with cleanout plug.
 5. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
 6. Trubro lav. guard under sink protective pipe covers.
 7. Carrier Zurn Z-1231 concealed arm Carrier, block feet less escutcheons.
3. Lav-4
 1. Toto Commercial Wall Hung Lavatory LT307.4, white vitreous china, self rimming with overflow, 4" centres.
 2. Sloan Model SL-0890, 4" centre-set, deck-mounted with 4" wrist blade handles, standard aerator, ceramic cartridges.
 3. Delta 33T290 offset p.o. plug with open grid strainer.
 4. Delta 33T311 c.b. adjustable P-trap with cleanout plug.

5. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
6. Carrier Zurn Z-1231 concealed arm Carrier, block feet less escutcheons.
7. Trubro lav. guard protective pipe covers.

Revise: 22 42 02 2.1.9 to read:

Sinks and Fittings

1. S-1 (First Aid)

1. Kindred Steel Queen QSL2020/7, single bowl ledge back sink, 20 gauge bright mirror finish, fully undercoated, 3-1/2" basket strainer.
2. Powers P2730 sink fitting, deck-mount, 8" centres, gooseneck spout, laminar flow outlet.
3. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
4. 1-1/2" cast brass trap c/w cleanout.

2. S-2 (Kitchen)

1. Kindred Steel Queen QDL2031/7, double bowl ledge back sink, 20 gauge bright mirror finish, fully undercoated, 3-1/2" basket strainer.
2. Powers S5910 Solitaire, single lever sink fitting, deck-mount, 8" centres, swing spout, standard aerator.
3. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
4. 1-1/2" cast brass trap c/w cleanout.

3. S-3 (Equipment Decontamination)

1. Aristaline LBS7808-1, single bowl ledge back sink, 20 gauge bright mirror finish, fully undercoated, 3-1/2" basket strainer.
2. Powers P2730 sink fitting, deck-mount, 8" centres, swing spout, standard aerator.
3. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
4. 1-1/2" cast brass trap c/w cleanout.

4. S-4 (Breathalyser)

1. Aristaline LBS7508-1, single bowl ledge back sink, 20 gauge bright mirror finish, fully undercoated, 3-1/2" basket strainer.
2. Powers B540 Cranada Kitchen Fitting with spray, deck-mount, 8" centres, swing spout, standard aerator.
3. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
4. 1-1/2" cast brass trap c/w cleanout.

5. S-5 (Evidence Drying)
 1. Kindred Steel Queen QSL2020/7, single bowl ledge back sink, 20 gauge bright mirror finish, fully undercoated, 3-1/2" basket strainer.
 2. Powers P2730 sink fitting, deck-mount, 8" centres, swing spout, standard aerator.
 3. Speedway flexible lav supplies with screwdriver angle stops and inlet extension tubes.
 4. 1-1/2" cast brass trap c/w cleanout.
6. MS-1 (Janitor)
 1. Fiat molded stone mop service basin, MSB-2424, 3" drain connection, 889 CC mop bracket, 832 AA hose and bracket, stainless steel wall guards.
 2. Powers P2430-VB service sink fitting, top brace, pail hook.
7. P-1 (Officer Decontamination)
 1. T&S B-0167 spray unit with mixing control valve, 5 ft. stainless steel hose, angle spray valve with automatic shut-off, hose hook, spring checks, vacuum breaker.
 2. Stainless steel wall box c/w clear unbreakable glass sight window.
8. P-2 (Officer Decontamination)
 1. T&S B-2117 special equipment washer, 8" centre wall mount mixing faucet, soap injector valve/hose, 12' flexible stainless steel hose, hanger hook, vacuum breaker, spring checks.
 2. Pre-rinse spray valve on stainless steel hose B-0107.
 3. Stainless steel wall box c/w clear unbreakable glass sight window.
9. WD-1 (Water Dispenser - Rowdy Area)
 1. T&S B-1235 water station with stainless steel drip pan and splash guard.
 2. B-1210 push back glass filler with 8" clearance from tip to pan.
10. DF-1
 1. Halsey Taylor OVL-II bi-level barrier-free fountain, stainless steel finish, front pushbar.
 2. Remote chiller SJ5-Q, 115 volt.
11. SH-1 (Locker Room)
 1. Symmons Temptrol 96-1-131 shower valve, pressure balancing, c/w arm and flange.
 2. Shower head, chromed metal Bricor low flow, 1.3 gpm.

3. Floor drain ZNX-415-6VP with C.I.L. clamping ring, rough brass strainer c/w V.P. screws.

12. SH-2 (Locker Room - Handicap)

1. Symmons Temptrol 96-500-B30-LV pressure balancing, single blade handle, arm and flange, wall/hand shower with flexible metal hose, inline vacuum breaker, wall connection and flange, 30" slide bar for hand shower.
2. Shower head, chromed metal Bricor low flow, 1.3 gpm.
3. Floor drain ZNX-415-6VP with C.I.L. clamping ring, rough brass strainer c/w V.P. screws.

13. WH-1

1. Zurn 1300 c/w vacuum breaker, non-freeze, brass wall box.

14. Hose Bibbs

1. Crane P2670 c/w vacuum breaker.

15. PRVs (Pressure Reducing Valves)

1. Equimeter.

16. Solenoids

1. ASCO Red Hat quick closing.

17. Hosebibbs c/w wall box (Corridor G176, G160, Officer Decontamination G141)

1. Acorn 8156 hose and stainless supply box with wall flange and locking door, c/w vacuum breaker, screwdriver stops.

Revise: Division 23 Schedules and Details: Mechanical Schedule MS-5:

Add note: "Fan coils are based on Engineered Air units."

Revise: Division 23 Schedules and Details:

Add Plumbing Detail Sheets PD-1 thru PD-14 (14 pages).

Add: Geotechnical Investigation

Add: Supplemental Geotechnical Investigation – precast piles

Add: Supplemental Geotechnical Investigation – soil stiffness

Add: Phase 1 Environmental Site Assessment

DRAWINGS

Revise: Drawing A0.1

1. The following Revision Sheets for the drawings will be issued in accordance with the instructions included in the Bid Opportunity document on Page 6, **Clause 2.5** Construction Documents.

Revision Sheet	Drawing Revised
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RA-1, RA-2, RA-3	Drawing A1.7
RA-4	Drawing A1.3
RA-5	Drawing A6.2
RA-6, RA-7, RA-8	
RA-9	Drawing A1.6
RA-10	Drawing A1.9
RS-1	Drawing S2.1
RS-2	Drawing S2.2
RS-3, RS-4	Drawing S3.1

Revise: Drawing A1.3

1. Add closet door D-G121A in Quite Room G121, as indicated on Revision Sheet RA-4.
2. Add closet door D-G192B in Plain Clothes Detectives G192, as indicated on Revision Sheet RA-4.
3. Add closet door D-G193A in Large Meeting Room G193A, as indicated on Revision Sheet RA-4.

Revise: Drawing A1.6

1. All panels labelled as 53" high to be changed to 51" high. All tackboards labelled as 53" high to be re-labelled to 51" high. This dimension is from the top of the tackboard to the floor level. Actual tackboard height is 21"h.
2. For Inspector's office G116, revise size of the wardrobe unit to 42" wide x 20" deep.
3. Re-label the chair in the Video Interview G189 with the number 43.
4. Change the size of the back worksurface in the Staff Sergeant's Office G118 to 24"d x 36" wide.
5. Re-label the three storage cabinets in the Uniformed Operations G208 area to number 81. New file-tops for these cabinets to be labelled as 81A. A new binder bin and tackboard for one storage cabinet located along gridline 2.4 to be labelled with number 82.
6. Add three file-tops (3 tops at 72" wide each) over the files in Plain Clothes Detectives G192 area and label them as 52A. Add one file-top (30" wide) for the file located in the northeast corner by the window and label it as 53A.
7. Add half moon worksurface tops to the north and south sides of the cluster of four stations with 42" high panels in the Uniformed Operations G208 area.
8. Add note for 2 new base power-ins (one for regular power, one for UPS power source) to be located on the west side of the column along grid line D for the cluster of 4 workstations in the Uniformed Operations G208 area. Quantity of base power ins for the center cluster of six stations at back of the same area to be changed to quantity of 4 base power ins.
9. Shift Supervisor's G206 area to be revised. Refer to attached Revision Sheet RA-9 sheet.

Revise: Drawing A1.7

1. Non-finishes related information was inadvertently duplicated on this drawing from other drawings. This duplicate information obscured finishes information in a number of areas. Refer to the Revision Sheets RA-1, RA-2, and RA-3 for clarification of floor and wall finishes.

Revise: Drawing A3.1

1. On Building Section 1/A3.1, revise section detail symbol X/X.X for the slot floor drain, to 1/RA-10, and add detail as per Revision Sheet RA-10.

Revise: Drawing A6.2

1. Shackle Port Detail indicated as X/A-X on interior elevations 6/A6.2 and 12/A6.2 to be revised to 1/RA-5, and add detail as per Revision Sheet RA-5.

Revise: Drawing S2.1

1. Revise piling locations along grid Y as shown on Revision Sheet RS-1.
2. Delete 400 diameter x 8000 long pile beyond north-east corner of main entrance stair which supported wide planter wall. Planter wall deleted as per landscape drawings.

Revise: Drawing S2.2

1. Revise location of grade beams along grid Y (2 locations) as per Revision Sheet RS-2. Outside face of grade beam to be located 90 mm beyond grid. Locations of joists near grids Y and B have also been revised.
2. For note in top left corner of plan regarding 150 mm slab on grade for condensing units, delete reference to generator. For generator, provide 200 mm thick concrete slab on minimum 150 mm compacted granular fill. Reinforce slab with 10M at 200 o/c each way top. Provide 400x400 thickened edge around perimeter of slab and reinforce with 2-25M top and bottom continuous, and 10M ties at 200 o/c. Provide minimum 900 long lap between top horizontal leg of ties and slab reinforcing. Refer to landscape and electrical drawings for location and size of slab.

Revise: Drawing S3.1

1. Revise plan detail G/S3.1 as per Revision Sheet RS-3. Face of concrete grade beam to be located 90 mm beyond grid Y.
2. Revise plan detail H/S3.1 as per Revision Sheet RS-4. Face of concrete grade beam to be located 90 mm beyond grid Y. Note pilaster dimensions and reinforcing are also revised.

Clarify: Drawing M1.0

1. Mechanical contractor to refer to the incoming cold water detail on drawing M3.1 ground floor fire protection and coordinate installation with sprinkler contractor. Provide reduced pressure principal backflow preventer for domestic service and double check valve assembly for fire protection system.

Revise: Drawing M2.0

1. Add pipe anchors on the heating supply and return piping at the following locations:
 1. Near gridline 3 east of gridline F
 2. South of gridline 1.5 near gridline C

Revise: Drawing M2.1

1. Add pipe anchors on the heating supply and return piping at the following locations:
 1. At gridline 3 near gridline F
 2. At gridline 3 near gridline D
 3. At gridline 3 near gridline B