

Stahl Construction Company
 861 E. Hennepin Avenue, Suite 200
 Minneapolis, Minnesota 55414
 Phone: (952) 931-9300

Project: 4020-10 - St. Francis City Hall & Fire Station-Material
 3740 Bridge Street NW
 St. Francis, Minnesota 55070

Prime Contract Potential Change Order #008: PR05/PR05R Plumbing Permit Requirements (Material)

TO:	St. Francis, MN (City of) 23340 Cree Street NW St. Francis, Minnesota 55070	FROM:	Stahl Construction Company 861 E. Hennepin Avenue, Suite 200 Minneapolis, Minnesota 55414
PCO NUMBER/REVISION:	008 / 0	CONTRACT:	4020-10 - St. Francis City Hall & Fire Station-Material
REQUEST RECEIVED FROM:		CREATED BY:	Ryan Byrne (Stahl Construction Company)
STATUS:	Pending - In Review	CREATED DATE:	1/24/2024
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$13,054.25

POTENTIAL CHANGE ORDER TITLE: PR05/PR05R Plumbing Permit Requirements (Material)

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #012 - PR05 Plumbing Code Updates

ATTN Project Managers:

- Please review the attached PR and associated changes.
- Stahl will issue formal RFQ's (Request for Quotes) to all contractors who we believe will be affected by these changes.
- Please reach out if you do not receive an RFQ but the changes associated with this PR will have cost or schedule impacts to your scope of work. Stahl will ensure an RFQ is sent to you as well.

Thank you.

Ryan Byrne

Project Manager

Direct: (952) 767-2116 | Cell: (612) 499-3528

HQ: 861 E. Hennepin Avenue, Ste 200 | Mpls. | MN | 55414

IA: 3175 99th Street | Urbandale | IA | 50322

MN #IR657032 | IA #C104461

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ATTACHMENTS:

[AJ Moore PR05R Material.pdf](#) , [PR-05 St. Francis Cover.pdf](#) , [PR-05R St. Francis Cover.pdf](#) , [Falcon PR5 Material.pdf](#) , [Falcon PRO5R Material.pdf](#)

#	Budget Code	Description	Amount
1	22-0000-__-.S Plumbing.SUBCONTRACT	PR05 Updates	\$6,507.00
2	22-0000-__-.S Plumbing.SUBCONTRACT	PR05R Updates	\$5,890.00
3	26-0000-__-.S Electrical / Low Voltage.SUBCONTRACT	PR05 Updates	\$0.00
4	26-0000-__-.S Electrical / Low Voltage.SUBCONTRACT	PR05R Updates	\$528.00
Subtotal:			\$12,925.00
Fee (1.00% Applies to all line item types.):			\$129.25
Grand Total:			\$13,054.25

Ginnie Schneider (Brunton Architects & Engineers, Inc.)

St. Francis, MN (City of)

Stahl Construction Company

23340 Cree Street NW
 St. Francis, Minnesota 55070

861 E. Hennepin Avenue, Suite 200
 Minneapolis, Minnesota 55414

 SIGNATURE DATE

 SIGNATURE DATE

 SIGNATURE DATE

Stahl Construction Company
 861 E. Hennepin Avenue, Suite 200
 Minneapolis, Minnesota 55414
 Phone: (952) 931-9300

Project: 4020 - St. Francis City Hall & Fire Station
 3740 Bridge St NW
 St. Francis, Minnesota 55070

Prime Contract Potential Change Order #009: PR05/05R Plumbing Permit Requirements (Labor)

TO:	St. Francis, MN (City of) 23340 Cree Street NW St. Francis, Minnesota 55070	FROM:	Stahl Construction Company 861 E. Hennepin Avenue, Suite 200 Minneapolis, Minnesota 55414
PCO NUMBER/REVISION:	009 / 0	CONTRACT:	4020- - St. Francis City Hall & Fire Station
REQUEST RECEIVED FROM:		CREATED BY:	Ryan Byrne (Stahl Construction Company)
STATUS:	Pending - In Review	CREATED DATE:	1/24/2024
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$9,547.65

POTENTIAL CHANGE ORDER TITLE: PR05/05R Plumbing Permit Requirements (Labor)

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
 CE #011 - PR05 Plumbing Code Updates

ATTN Project Managers:

- Please review the attached PR and associated changes.
- Stahl will issue formal RFQ's (Request for Quotes) to all contractors who we believe will be affected by these changes.
- Please reach out if you do not receive an RFQ but the changes associated with this PR will have cost or schedule impacts to your scope of work. Stahl will ensure an RFQ is sent to you as well.

Thank you.

Ryan Byrne
 Project Manager
 Direct: (952) 767-2116 | Cell: (612) 499-3528

HQ: 861 E. Hennepin Avenue, Ste 200 | Mpls. | MN | 55414
 IA: 3175 99th Street | Urbandale | IA | 50322
 MN #IR657032 | IA #C104461

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ATTACHMENTS:

[_PR-05R St. Francis Cover.pdf](#) , [_Falcon PR05R Labor.pdf](#) , [_AJ Moore PR05 Labor.pdf](#) , [_Falcon PR05 Labor.pdf](#) , [_PR-05 St. Francis Cover.pdf](#)

#	Budget Code	Description	Amount
1	22-0000-__-.S Plumbing.SUBCONTRACT	PR05 Updates	\$3,872.00
2	26-0000-__-.S DEMO.Electrical/Low Voltage.SUBCONTRACT	PR05 Updates	\$0.00
3	22-0000-__-.S Plumbing.SUBCONTRACT	PR05R Updates	\$4,715.00
4	26-0000-__-.S DEMO.Electrical/Low Voltage.SUBCONTRACT	PR05R Updates	\$506.00
Subtotal:			\$9,093.00
GC Fee 5% (5.00% Applies to all line item types.):			\$454.65
Grand Total:			\$9,547.65

Ginnie Schneider (Brunton Architects & Engineers, Inc.)

St. Francis, MN (City of)

Stahl Construction Company

23340 Cree Street NW
 St. Francis, Minnesota 55070

861 E. Hennepin Avenue, Suite 200
 Minneapolis, Minnesota 55414

 SIGNATURE

 DATE

 SIGNATURE

 DATE

 SIGNATURE

 DATE



MANKATO

225 BELGRADE AVE
NORTH MANKATO, MN 56003

MINNEAPOLIS

1040 SIXTH ST SOUTH
HOPKINS, MN 55343

PROPOSAL REQUEST 05 (PR-05)

ISSUE DATE: 11-17-2023

PROJECT NAME: St. Francis Fire & City Hall

PROJECT NUMBER: 22455-1

ARCHITECT: Brunton Architects & Engineers
225 Belgrade Avenue
North Mankato, MN 56003

**CONSTRUCTION
MANAGER:** Stahl Construction
861 Hennepin Avenue
Suite 200
Minneapolis, MN 55414

OWNER: City of St. Francis
23340 Cree St. NW
St. Francis, MN 55070

DESCRIPTION

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within fourteen (14) calendar days or notify the Owner and Architect in writing of the anticipated date of submission.

1. CHANGES TO STRUCTURAL DRAWINGS

A. Sheet S1.03

1. As requested by Stahl Construction through their subcontractors, the alternate beam sizes for the interior roof beam at or near gridline 5.3 as shown in the attachment are acceptable. The wider widths are to provide longer bearing lengths and more field adjustability. Please note sizes are given to result in minimum top flange widths of 8" and 10" are shown in attached drawing. Either set of sizes are acceptable from a structural point of view.

2. CHANGES TO MECHANICAL DRAWINGS

A. Sheet M2-13

1. Updated roof drain square footage numbers to account for vertical wall area being routed to each roof drain.
2. Added roof slope notations for compliance with plumbing code review.
3. Add 2" VTR for oil interceptor.
4. Add 3" FOVTR for oil interceptor fuel vent.
5. Add 2" VTR for 4" FS-1 vent piping.
6. Revise 2" VTR location serving SP-1.

B. Sheet P2-10

1. Significant revisions to the Underfloor Sanitary Sewer to address routing to the service location shown on Civil drawings. See revised drawing sheet for new layout. Majority of revisions were located under Room 123, and Rooms 135-144 and how piping tied together. No new fixtures or drops added other than those specifically called out in this PR verbiage.
2. Add 4" FCO-4 and associated piping in Corridor 126.
3. Add 4" FCO-4 and associated piping in TURNOUT GEAR 150.
4. Oil interceptor was relocated back to its original location with note to coordinate installation with Geotechnical to ensure proper measures are taken to avoid compromising the adjacent footing. See revised drawing sheet for location and keynote.
 - a. Structural comment: Proposed location may undermine portions of subgrade below footings for exterior wall. Geotechnical engineer shall review excavation prior to backfilling. Backfilling requirements shall be determined by geotechnical engineer and may well include use of flowable fill for all portions below the top of footing.
5. 2" Vent piping added from outlet of oil interceptor routed adjacent to 3" Fuel Oil Vent.
6. 2" FD-1 in HOSE TOWER 145 has been revised to a 4" FD-1. Add 2" V up as shown.
7. Add 4" FCO-4 to piping serving 4" FD-1.
8. Revise 4" SS piping to 4" FS-1 located under STAIR A 103. Revise 2" V up for FS-1 as shown.
9. Relocated SP-1 as shown. Revise 2" Indirect Waste piping to 4" and extend 4" Indirect Waste piping to new sump location from elevator pit as shown. 4" FD-1 in elevator pit to be installed without p-trap in lieu of 2" FD-1.
10. Revise FD SS piping routing for Floor Drains shown in MECH/ELEC 154 as shown.
11. Revise 3" FOV piping serving oil interceptor as shown.



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C. Sheet P2-11

1. Add 2" DISCH piping from SP-1 elevator sump routed to 4" FS-1 in STAIR A 103.
2. Revise 2" V up/dn as shown serving new 4" FS-1.
3. Revise SCW piping sizes as shown throughout floor plan to account for sizing for flush valve water closets instead of flush tank water closets.
4. Revise HW piping sizes as shown.
5. Add 2" V up/dn as shown serving oil interceptor in SCBA/LAUNDRY 147 chase.
6. Remove HW/SS/V piping that was serving EEW-1 in SCBA/LAUNDRY 147. Emergency eyewash is now integral to SK-3 faucet within room.
7. Locate 4" FCO-4 within TURNOUT GEAR 150 referenced in Sheet P2-10 as shown.
8. Relocate oil interceptor back to original location as shown. Locate associated 4" FCO-4 as shown.
9. Revise Vent piping throughout floor as shown. Also reference to riser diagrams. Intent is for all vent piping serving more than 1 fixture to be 3" to allow of oversizing exemption to horizontal vent piping limitations.
10. Revise piping serving KE-13 dishwasher. Dishwasher will now be supplied water through adjacent SK-2 and shall drain into SK-2 tailpiece. Install in accordance with provisions spelled out in Minnesota Plumbing Code for dishwashers installed in this way. UPC reference Sections 414.3 and 807.3.

D. Sheet P2-12

1. Revise 2" V piping up/dn for 4" FS-1 in STAIR A 103. V piping to extend up to 2" VTR as shown.
2. Add 2" V piping up/dn for oil interceptor sanitary connection in STORAGE 215. V piping to extend up to 2" VTR as shown.
3. Revise Vent piping throughout floor as shown. Also reference to riser diagrams. Intent is for all vent piping serving more than 1 fixture to be 3" to allow oversizing exemption to horizontal vent piping limitations.

E. Sheet P3-11

1. Revised view range to cut off at second floor.
2. Revised all vent piping serving more than 1 fixture to be 3" to allow oversizing exemption to horizontal vent piping limitations.
3. Refer to revised sheets P2-10, P2-11, and P4-11 for added/revised fixtures.



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F. ISSUE Sheet P3-12

1. Issue drawing sheet showing the DWV piping riser diagram for second floor separate from first floor. This is to allow for more graphical and notation clarity.
2. Revised all vent piping serving more than 1 fixture to be 3" to allow oversizing exemption to horizontal vent piping limitations.

G. Sheet P3-21

1. Revised view range to cut off at second floor.
2. Revised the majority of the domestic soft cold water piping to allow for proper sizing of a flush valve water closet system instead of a flush tank water closet system.
3. Revised domestic hot water piping mains through much of the building. Review updated riser diagram labelling pipe sizes.
4. Refer to revised sheets P2-11 and P4-11 for revised fixtures.

H. ISSUE Sheet P3-22

1. Issue drawing sheet showing the domestic water piping riser diagram for second floor separate from first floor. This is to allow for more graphical and notation clarity.
2. Revised the majority of the domestic soft cold water piping to allow for proper sizing of a flush valve water closet system instead of a flush tank water closet system.
3. Revised domestic hot water piping branch piping up as shown. Review riser diagram labelling pipe sizes.

I. Sheet P3-31

1. Revised Storm Riser Diagram to show updated square footage numbers for each drain.
2. Revised Storm Drain Calculations table for updated square footage numbers.

J. Sheet P4-11

1. Adjusted pipe sizes for CW/HW/V piping in all clouded floor plans as referenced in revisions to sheets P2-11, P2-12, P3-11, P3-12, P3-21, and P3-22.
2. Remove 2-1/2" water meter for domestic water service. Domestic water shall tie in downstream of 4" water meter for truck fill line. See updated pipe sizes and section of water meter showing revised routing.



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3. Add 2-1/2" shutoff valve for domestic water piping as shown.
4. Irrigation system was incorporated to project by delegated design. Add 2" irrigation branch piping from 2-1/2" CW domestic cold water piping main routed to the exterior wall by boilers as shown with 2" shutoff valve. Coordinate with Landscaping Contractor exact location to leave the building and coordinate accessories required for irrigation connection that are to be supplied on the building water supply side of connection. Add 2" RPZ to piping branch for protection of the domestic water system.

K. Sheet P6-11

1. PLUMBING FIXTURE SCHEDULE: Added information for SK-1, SK-2, and SK-3.
2. FLOOR DRAIN SCHEDULE: Added 4" FD-1 and 4" FS-1 to schedule.
3. FIXTURE UNIT SUMMARY: Revised FD-1 for Hose Tower to be 4".
4. FIXTURE UNIT SUMMARY: Revised information for sinks.
5. FIXTURE UNIT SUMMARY: Revised CWFU for all Water Closets to reflect proper sizing for flush valve fixtures.
6. SUMP PUMP SCHEDULE: Revised SP-1 depth and remarks.

3. CHANGES TO ELECTRICAL DRAWINGS

A. Sheet E1-21

1. In reference to Elev. 102 and Stair A 103, SP-1 (sump pump), dedicated 46" GFI receptacle, and sump pump control panel relocated to under stairs in Stair A 103

END OF PROPOSAL REQUEST 05 (PR-05)



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225 BELGRADE AVE
NORTH MANKATO, MN 56003

MINNEAPOLIS
1040 SIXTH ST SOUTH
HOPKINS, MN 55343

PROPOSAL REQUEST 05R (PR-05R)

ISSUE DATE: 1-3-2024

PROJECT NAME: St. Francis Fire & City Hall

PROJECT NUMBER: 22455-1

ARCHITECT: Brunton Architects & Engineers
225 Belgrade Avenue
North Mankato, MN 56003

**CONSTRUCTION
MANAGER:** Stahl Construction
861 Hennepin Avenue
Suite 200
Minneapolis, MN 55414

OWNER: City of St. Francis
23340 Cree St. NW
St. Francis, MN 55070

DESCRIPTION

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within fourteen (14) calendar days or notify the Owner and Architect in writing of the anticipated date of submission.

Note: Highlighted items indicate changes from PR-05.

1. CHANGES TO MECHANICAL DRAWINGS

A. Sheet M2-13

1. Updated roof drain square footage numbers to account for vertical wall area being routed to each roof drain.
2. Added roof slope notations for compliance with plumbing code review.
3. Add 2" VTR for oil interceptor.
4. Add 3" FOVTR for oil interceptor fuel vent.
5. Add 2" VTR for 4" FS-1 vent piping.

6. Revise 2" VTR location serving SP-1.

B. Sheet P2-10

1. Significant revisions to the Underfloor Sanitary Sewer to address routing to the service location shown on Civil drawings. See revised drawing sheet for new layout. Majority of revisions were located under Room 123, and Rooms 135-144 and how piping tied together. No new fixtures or drops added other than those specifically called out in this PR verbiage.
2. Add 4" FCO-4 and associated piping in Corridor 126.
3. Add 4" FCO-4 and associated piping in TURNOUT GEAR 150.
4. Oil interceptor was relocated back to its original location with note to coordinate installation with Geotechnical to ensure proper measures are taken to avoid compromising the adjacent footing. See revised drawing sheet for location and keynote.
5. 2" Vent piping added from outlet of oil interceptor routed adjacent to 3" Fuel Oil Vent.
6. 2" FD-1 in HOSE TOWER 145 has been revised to a 4" FD-1. Add 2" V up as shown.
7. Add 4" FCO-4 to piping serving 4" FD-1.
8. Revise 4" SS piping to 4" FS-1 located under STAIR A 103. Revise 2" V up for FS-1 as shown.
9. Relocated SP-1 as shown. Revise 2" Indirect Waste piping to 4" and extend 4" Indirect Waste piping to new sump location from elevator pit as shown. 4" FD-1 in elevator pit to be installed without p-trap in lieu of 2" FD-1.
10. Revise FD SS piping routing for Floor Drains shown in MECH/ELEC 154 as shown.
11. Revise 3" FOV piping serving oil interceptor as shown.
12. Add 2" FD-1 and associated piping in DIRTY 137 as shown.
13. Add 2" FD-1 and associated piping in DIRTY 141 as shown.
14. Revise 2" FD-1 in MECH/ELEC 154 to be a 2" FS-1.
15. Revise all 2" SD piping serving roof drains above VEST 100 to be 3".
16. Add 4" YCO and associated piping to 12" SD piping leaving the building to the South.
17. Add emergency 2" FD-1 and associated piping to SCBA/LAUNDRY 147. No venting of drain required.
18. Add 3" FD-1 and associated piping to the base of the pit in EXTRACTORS 142. Venting underground to be routed above 45 degree angle to offset as required.

C. Sheet P2-11

1. Add 2" DISCH piping from SP-1 elevator sump routed to 4" FS-1 in STAIR A 103.
2. Revise 2" V up/dn as shown serving new 4" FS-1.



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3. Revise SCW piping sizes as shown throughout floor plan to account for sizing for flush valve water closets instead of flush tank water closets.
4. Revise HW piping sizes as shown. See updated sizes from WHTR's and mains in CORRIDOR 126.
5. Add 2" V up/dn as shown serving oil interceptor in SCBA/LAUNDRY 147 chase.
6. Remove HW/SS/V piping that was serving EEW-1 in SCBA/LAUNDRY 147. Emergency eyewash is now integral to SK-3 faucet within room.
7. Locate 4" FCO-4 within TURNOUT GEAR 150 referenced in Sheet P2-10 as shown.
8. Relocate oil interceptor back to original location as shown. Locate associated 4" FCO-4 as shown.
9. Revise Vent piping throughout floor as shown. Also reference to riser diagrams. Intent is for all vent piping serving more than 1 fixture to be 3" to allow of oversizing exemption to horizontal vent piping limitations.
10. Revise piping serving KE-13 dishwasher. Dishwasher will now be supplied water through adjacent SK-2 and shall drain into SK-2 tailpiece. Install in accordance with provisions spelled out in Minnesota Plumbing Code for dishwashers installed in this way. Reference Sections 414.3 and 807.3.
11. Add 2" V piping for (2) added 2" FD-1 in DIRTY 137 and DIRTY 141 as shown.
12. Add 2" V piping for added 3" FD-1 in EXTRACTORS 142 pit as shown.
13. Revise 3/4" CA piping routing to now route from APPARATUS BAY 148 and drop down along wall and into SCBA/LAUNDRY 147 as shown. Extend to AIR COMPRESSOR 147B.
14. Show 4" YCO for Storm Drainage exterior cleanout.
15. Revise West 2" SD from RD serving VEST 100 canopy to be 3".

D. Sheet P2-12

1. Revise 2" V piping up/dn for 4" FS-1 in STAIR A 103. V piping to extend up to 2" VTR as shown.
2. Add 2" V piping up/dn for oil interceptor sanitary connection in STORAGE 215. V piping to extend up to 2" VTR as shown.
3. Revise Vent piping throughout floor as shown. Also reference to riser diagrams. Intent is for all vent piping serving more than 1 fixture to be 3" to allow oversizing exemption to horizontal vent piping limitations.
4. Revise 6" SD piping serving (2) roof drains located above TRAINING ROOM 209 to be 8".
5. Revise 3/4" CA piping routing as shown.



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E. Sheet P3-11

1. Revised view range to cut off at second floor.
2. Revised all vent piping serving more than 1 fixture to be 3" to allow oversizing exemption to horizontal vent piping limitations.
3. Refer to revised sheets P2-10, P2-11, and P4-11 for added/revised fixtures.

F. **ISSUE Sheet P3-12**

1. Issue drawing sheet showing the DWV piping riser diagram for second floor separate from first floor. This is to allow for more graphical and notation clarity.
2. Revised all vent piping serving more than 1 fixture to be 3" to allow oversizing exemption to horizontal vent piping limitations.

G. Sheet P3-21

1. Revised view range to cut off at second floor.
2. Revised the majority of the domestic soft cold water piping to allow for proper sizing of a flush valve water closet system instead of a flush tank water closet system.
3. Revised domestic hot water piping mains through much of the building. Review updated riser diagram labelling pipe sizes.
4. Refer to revised sheets P2-11 and P4-11 for revised fixtures.

H. **ISSUE Sheet P3-22**

1. Issue drawing sheet showing the domestic water piping riser diagram for second floor separate from first floor. This is to allow for more graphical and notation clarity.
2. Revised the majority of the domestic soft cold water piping to allow for proper sizing of a flush valve water closet system instead of a flush tank water closet system.
3. Revised domestic hot water piping branch piping up as shown. Review riser diagram labelling pipe sizes.

I. Sheet P3-31

1. Revised Storm Riser Diagram to show updated square footage numbers for each drain.
2. Revised Storm Drain Calculations table for updated square footage numbers.



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J. Sheet P4-11

1. Adjusted pipe sizes for CW/HW/V piping in all clouded floor plans as referenced in revisions to sheets P2-11, P2-12, P3-11, P3-12, P3-21, and P3-22.
2. Remove 2-1/2" water meter for domestic water service. Domestic water shall tie in downstream of 4" water meter for truck fill line. See updated pipe sizes and section of water meter showing revised routing.
3. Add 2-1/2" shutoff valve for domestic water piping as shown.
4. Irrigation system was incorporated to project by delegated design. Add 2" irrigation branch piping from 2-1/2" CW domestic cold water piping main routed to the exterior wall by boilers as shown with 2" shutoff valve. Coordinate with Landscaping Contractor exact location to leave the building and coordinate accessories required for irrigation connection that are to be supplied on the building water supply side of connection. Add 2" RPZ to piping branch for protection of the domestic water system.
5. Add emergency 2" FD-1 in LAUNDRY 216 branched off of the top of the previously shown 2" SS piping. Floor drain does not need to be vented.
6. Add (2) 1/2" RPZ backflow preventers in SCW piping to each SG-1 located in STEAM GEN. 143. Route drains from RPZ's to floor drain in room.
7. Add 2-1/2" shutoff valves at the inlet and outlet of the water softener. Add 2-1/2" bypass piping with shutoff valve as shown.

K. Sheet P6-11

1. PLUMBING FIXTURE SCHEDULE: HR-2 to have auto eject plug in lieu of HR-1.
2. PLUMBING FIXTURE SCHEDULE: Added information for SK-1, SK-2, and SK-3.
3. PLUMBING FIXTURE SCHEDULE: Add ASSE 1022 listed backflow preventer to applicable water supplies on OB-1, OB-2, and OB-3.
4. FLOOR DRAIN SCHEDULE: Added 3" FD-1, 4" FD-1, 2" FS-1 and 4" FS-1 to schedule.
5. FIXTURE UNIT SUMMARY: Revised FD-1 for Hose Tower to be 4".
6. FIXTURE UNIT SUMMARY: Revised information for sinks.
7. FIXTURE UNIT SUMMARY: Revised CWFU for all Water Closets to reflect proper sizing for flush valve fixtures.
8. SUMP PUMP SCHEDULE: Revised SP-1 depth and remarks.

END OF PROPOSAL REQUEST 05R (PR-05R)



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