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REVISIONS	



MUSGROVE ENGINEERING, P.A.
 214 S. Whitewood Way
 Boise, Idaho 83709
 208.333.8285
 musgrove.com
 OVER 40 YEARS OF EXCELLENCE



BOISE STATE UNIVERSITY

BOISE STATE CHAFFEE HALL
PLUMBING UPGRADES
1421 CESAR CHAVEZ LANE
BOISE, ID

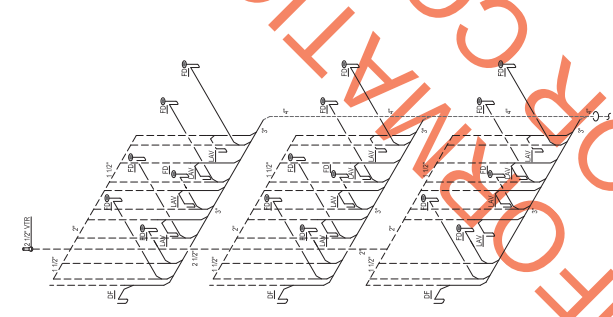
PROJECT	7-1402
DESIGNER	ID
DATE	07/20/20
SCALE	AS SHOWN
SHEET	SEE PLANS

P2.0

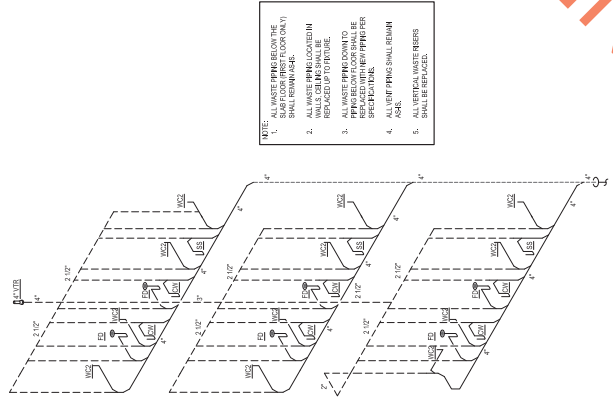
GENERAL NOTES:

- A. ALL PLUMBING FIXTURES TO BE REMOVED AND REINSTALLED TO ORIGINAL TOILET ACCESS FINISH.
- B. AS REQUIRED TO ACCESS PIPING AND WALL AND RISERS, CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH.
- C. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- D. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- E. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- F. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- G. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- H. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- I. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- J. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- K. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- L. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- M. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- N. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- O. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- P. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- Q. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- R. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- S. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- T. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- U. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- V. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- W. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- X. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- Y. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.
- Z. CONTRACTOR SHALL PATCH TO MATCH EXISTING FINISH TO MATCH EXISTING FINISH.

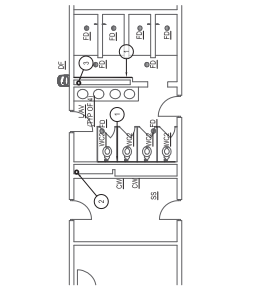
NOTE: ALL WASTE PIPING BELOW THE FLOOR FINISH SHALL BE INSTALLED IN WALLS OR UNDER FLOOR FINISH. ALL BRANCH PIPING OUT TO FIXTURES SHALL BE INSTALLED IN WALLS OR UNDER FLOOR FINISH.



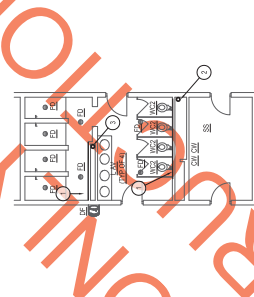
1 WASTE AND VENT RISER DIAGRAM A
 SCALE: 1/8" = 1'-0"



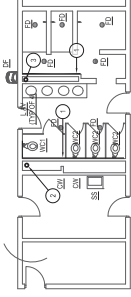
2 WASTE AND VENT RISER DIAGRAM D
 SCALE: 1/8" = 1'-0"



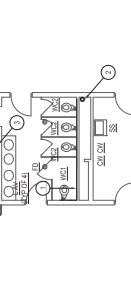
3 PLUMBING SECOND & THIRD FLOOR WING B PLAN
 SCALE: 1/8" = 1'-0"



4 PLUMBING SECOND & THIRD FLOOR WING A PLAN
 SCALE: 1/8" = 1'-0"



5 PLUMBING FIRST FLOOR WING B PLAN
 SCALE: 1/8" = 1'-0"



6 PLUMBING FIRST FLOOR WING A PLAN
 SCALE: 1/8" = 1'-0"

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1421 CESAR CHAVEZ LANE
BOISE, ID

PROJECT	7-1402
CLIENT	ID
DESIGNER	BOISE STATE
DATE	9-14-22
SCALE	SEE PLANS
SHEET	

P2.1

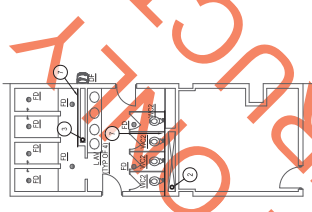
GENERAL NOTES:

- A. ALL PLUMBING FIXTURES TO BE REMOVED.
- B. REMOVE EXISTING CEILING AS REQUIRED FOR ACCESS TO WASTE PIPING PATCH BACK TO WASTO TERMINAL.
- C. EXISTING #2 WASTE STACK - SEE BEST MANAGEMENT FOR PATCHING CONDITIONS.
- D. EXISTING #2 WASTE STACK - SEE BEST MANAGEMENT FOR PATCHING CONDITIONS.

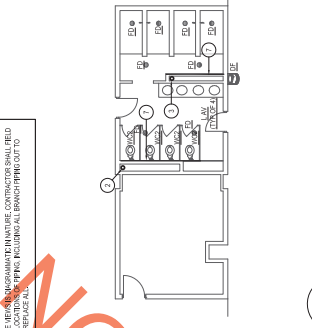
KEYED NOTES:

1. REMOVE ALL WASTE PIPING IN WASTE ROOMS IN WING A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.
2. REMOVE EXISTING CEILING AS REQUIRED FOR ACCESS TO WASTE PIPING PATCH BACK TO WASTO TERMINAL.
3. EXISTING #2 WASTE STACK - SEE BEST MANAGEMENT FOR PATCHING CONDITIONS.
4. EXISTING #2 WASTE STACK - SEE BEST MANAGEMENT FOR PATCHING CONDITIONS.

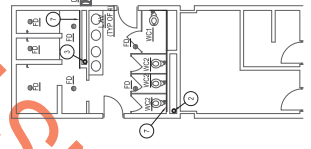
NOTE:
1. REMOVE ALL WASTE PIPING IN WASTE ROOMS IN WING A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.



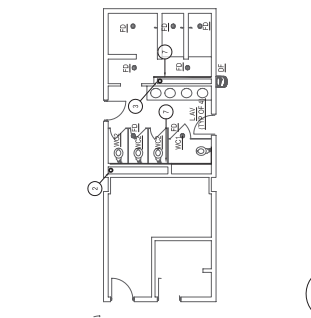
3 PLUMBING SECOND & THIRD FLOOR WING A PLAN
SCALE 1/8"=1'-0"



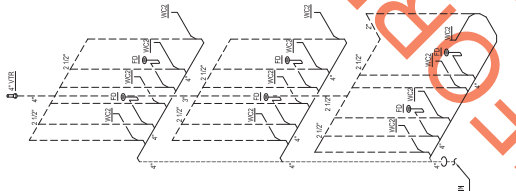
4 PLUMBING SECOND & THIRD FLOOR WING B PLAN
SCALE 1/8"=1'-0"



5 PLUMBING FIRST FLOOR WING A PLAN
SCALE 1/8"=1'-0"

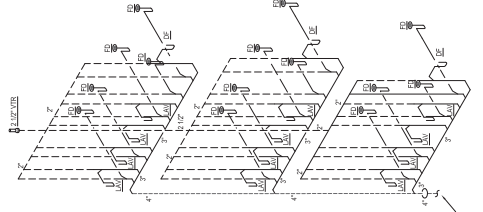


6 PLUMBING FIRST FLOOR WING B PLAN
SCALE 1/8"=1'-0"



2 WASTE AND VENT RISER DIAGRAM C
SCALE 1/8"=1'-0"

NOTE:
1. REMOVE ALL WASTE PIPING IN WASTE ROOMS IN WING A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.
2. REMOVE EXISTING CEILING AS REQUIRED FOR ACCESS TO WASTE PIPING PATCH BACK TO WASTO TERMINAL.
3. EXISTING #2 WASTE STACK - SEE BEST MANAGEMENT FOR PATCHING CONDITIONS.
4. EXISTING #2 WASTE STACK - SEE BEST MANAGEMENT FOR PATCHING CONDITIONS.



1 WASTE AND VENT RISER DIAGRAM B
SCALE 1/8"=1'-0"

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 BOISE, ID**

PROJECT	7-1402
ISSUE	01
DATE	01-14-2022
SCALE	SEE PLANS
SHEET	

P2.3

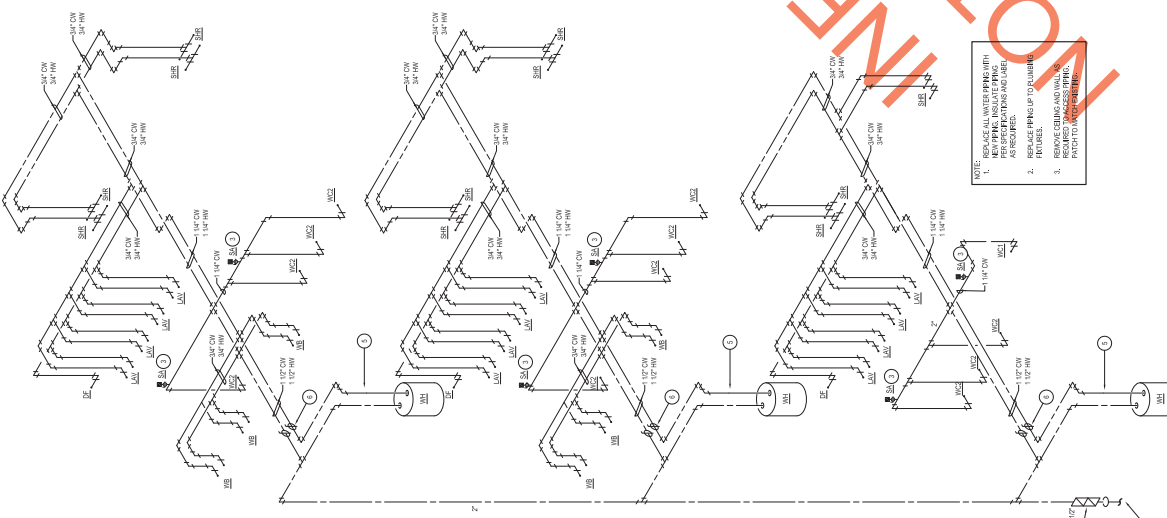
KEYED NOTES:

- 1. REMOVE EXISTING HANGERS AND CEILING AS REQUIRED TO EXPOSE ALL PLUMBING. REPAIR AND REFINISH CEILING TO MATCH EXISTING.
- 2. EXISTING CHANGES TO BE AS SHOWN. SEE ALL OTHER FLOOR PLANS FOR CONTINUATION. SEE NOTES REGARDING ADDITIONAL INFORMATION.
- 3. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- 4. PIPES DOWN TO CONTROL VALVE SHALL BE REPLACED WITH NEW PIPING. ALL PIPING SHALL BE INSTALLED TO THE ACCESS PANEL. ACCESS PANEL SHALL BE INSTALLED TO THE ACCESS PANEL IF ABOVE. PROVIDE ACCESS PANEL IF ABOVE. PROVIDE ACCESS PANEL IF ABOVE. PROVIDE ACCESS PANEL IF ABOVE.
- 5. REPAIR AT WATER HEATER. NEW COPPER PIPING AND SOLDER SHALL BE INSTALLED TO THE WATER HEATER. SOLDER SHALL BE INSTALLED TO THE WATER HEATER. SOLDER SHALL BE INSTALLED TO THE WATER HEATER.
- 6. PROVIDE SHUT-OFF VALVES FOR EACH WATER SERVICE CONNECTION. PROVIDE SHUT-OFF VALVES FOR EACH WATER SERVICE CONNECTION. PROVIDE SHUT-OFF VALVES FOR EACH WATER SERVICE CONNECTION.
- 7. CONTRACTOR SHALL CUT SLOTTED WALL TO ACCESS PIPING. CONTRACTOR SHALL CUT SLOTTED WALL TO ACCESS PIPING. CONTRACTOR SHALL CUT SLOTTED WALL TO ACCESS PIPING.

GENERAL NOTES:

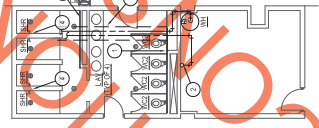
- A. ALL PLUMBING TO BE REMOVED AND REINSTALLED AS SHOWN.

NOTE:
 1. PIPING THESE RISES BE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL FIELD VERIFY ALL PIPING AND MAKE NECESSARY ADJUSTMENTS TO THE PLAN.

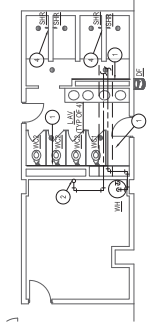


NOTE:
 1. REMOVE ALL WATER PIPING WITH PERMISSIONS AND LABEL. REMOVE ALL WATER PIPING WITH PERMISSIONS AND LABEL. REMOVE ALL WATER PIPING WITH PERMISSIONS AND LABEL.
 2. REMOVE EXISTING AND REPLACE WITH NEW PIPING.
 3. REMOVE EXISTING AND REPLACE WITH NEW PIPING.

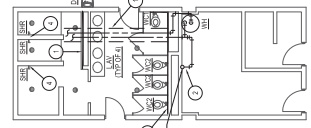
1 WING A & B WATER RISER DIAGRAM B
 SCALE: 1/8" = 1'-0"



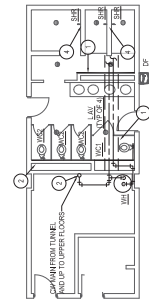
2 PLUMBING SECOND & THIRD FLOOR WING A PLAN
 SCALE: 1/8" = 1'-0"



3 PLUMBING SECOND & THIRD FLOOR WING B PLAN
 SCALE: 1/8" = 1'-0"



4 PLUMBING FIRST FLOOR WING A PLAN
 SCALE: 1/8" = 1'-0"



5 PLUMBING FIRST FLOOR WING B PLAN
 SCALE: 1/8" = 1'-0"

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PROJECT	TH-02
ISSUED FOR	ISSUED FOR
DATE	DATE
SCALE	SCALE
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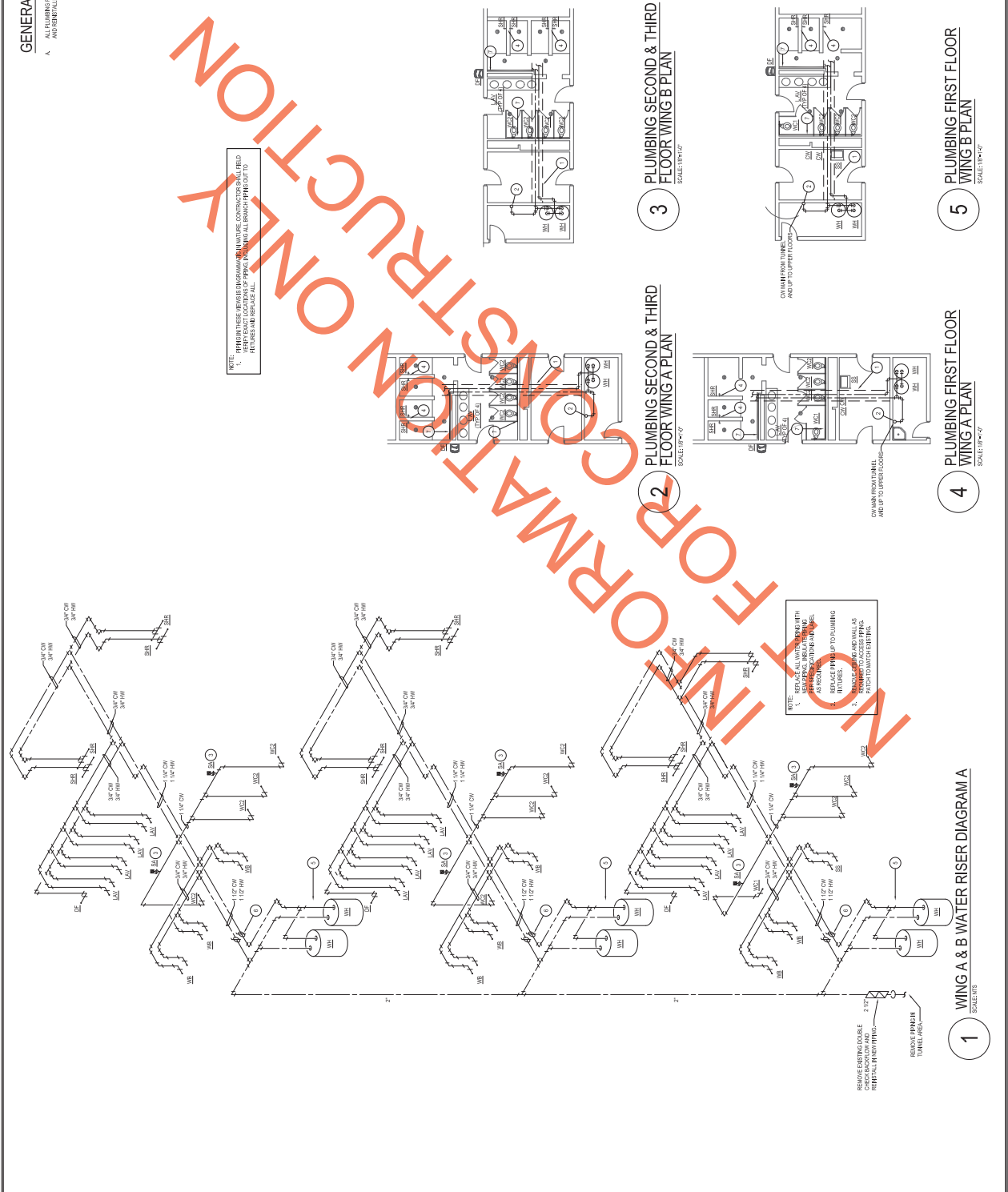
KEYED NOTES:

- 1. REMOVE EXISTING HANGERS AND CEILING AS REQUIRED TO EXPOSE THE PLUMBING. RE-CEILING TO MATCH EXISTING CONDITIONS.
- 2. EXISTING CHANGES TO BE PLACED AS SHOWN ON FLOOR PLAN FOR CONTINUITY AND SEE MECHANICAL FOR ADDITIONAL INFORMATION.
- 3. VALVE SHALL BE INSTALLED WITH SHUT-OFF PIPING DOWN TO CONTROL VALVE SHALL BE REPLACED WITH WATER HEATER REPAIR COPPER PIPING AND SHALL BE COATED TO MATCH EXISTING VALVE. CUT SHALL BE COATED TO MATCH EXISTING VALVE. CUT SHALL BE COATED TO MATCH EXISTING VALVE.
- 4. PROVIDE SHUT-OFF VALVES FOR MAIN WATER SERVICE ACCESS PANEL IF ABOVE HANG UP.
- 5. COMPARTMENT SHALL CUT OUT WALL TO ACCESS PIPING REPAIRS TO UPPER FLOOR. DO NOT CUT STRUCTURE. COMPARTMENT SHALL BE REBUILT TO MATCH EXISTING.

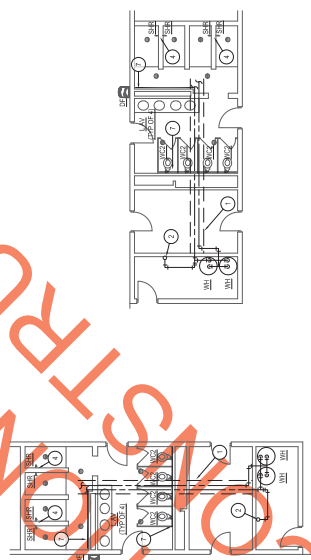
GENERAL NOTES:

- A. ALL PLUMBING FIXTURES TO BE REMOVED AND REINSTALLED AS SHOWN.

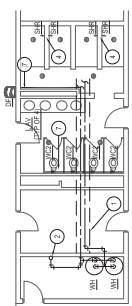
NOTE: REFER TO MECHANICAL DRAWINGS FOR ALL REVISIONS TO BE MADE TO THIS DRAWING. ALL DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS OTHERWISE NOTED.



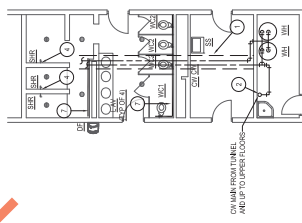
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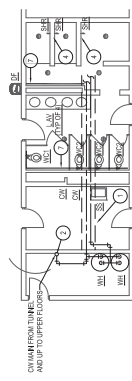
2 PLUMBING SECOND & THIRD FLOOR WING A PLAN
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3 PLUMBING SECOND & THIRD FLOOR WING B PLAN
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4 PLUMBING FIRST FLOOR WING A PLAN
SCALE: 1/8"=1'-0"



5 PLUMBING FIRST FLOOR WING B PLAN
SCALE: 1/8"=1'-0"

1 WING A & B WATER RISER DIAGRAM A
SCALE: 1/8"=1'-0"

