

| REVISIONS |                  |
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| NO.       | DESCRIPTION DATE |
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**SKY ENGINEERING**

MECHANICAL • ELECTRICAL • PLUMBING

DO JUSTLY, LOVE MERCY AND WALK HUMBLY - Micah 6:8

1630 DESTINY LANE SUITE 113  
BOWLING GREEN, KY 42104  
270-599-0182

IN-PROGRESS  
REVIEW SET

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TODD COUNTY BOARD OF EDUCATION

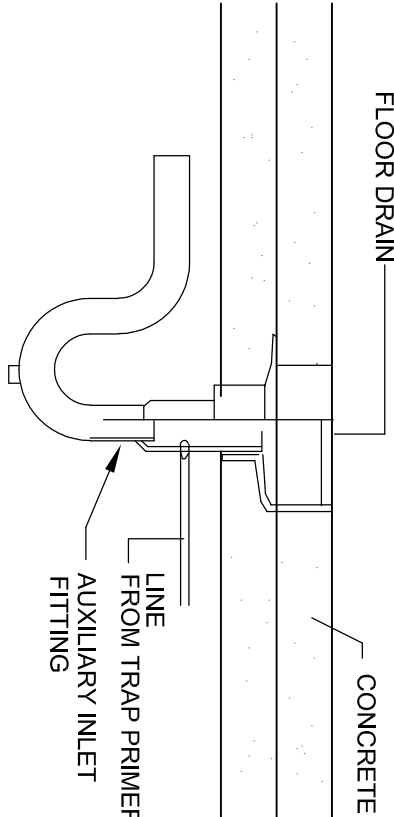
TRACK AND FIELD RENOVATION

ELKTON, KY

|                |                     |
|----------------|---------------------|
| DESIGNER       | LR-ACE              |
| APPROVED       | NN                  |
| PROJECT NUMBER | 18-104              |
| DATE           | DECEMBER 31, 2018   |
| SHEET NAME     | PLUMBING FLOOR PLAN |
| SHEET NO.      | P100                |

# GENERAL NOTES:

- ALL WORK SHALL BE DONE BY A LICENSED CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND AUTHORITY.
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- ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR. UNLESS NOTES OTHERWISE, BE NOTHING ABANDONED IN PLACE.
- ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, INCLUDING ADDENDA, AND APPLICABLE CODES AND STANDARDS.
- ALL TRADES SHALL COORDINATE THE ROUTING OF ALL PIPING AND DUCTWORK WITH THE CONTRACTOR.
- PROVIDE ALL EQUIPMENT, MATERIAL, LABOR, SUPERVISION, COST, AND SERVICES REQUIRED TO INSTALL COMPLETE AND WORKING SYSTEMS. NECESSARY REASONABLE INCIDENTAL OR CUSTOMERLY INCLUDED. EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFIED OR SHOWN.



## FLOOR DRAIN INSTALLATION DETAIL

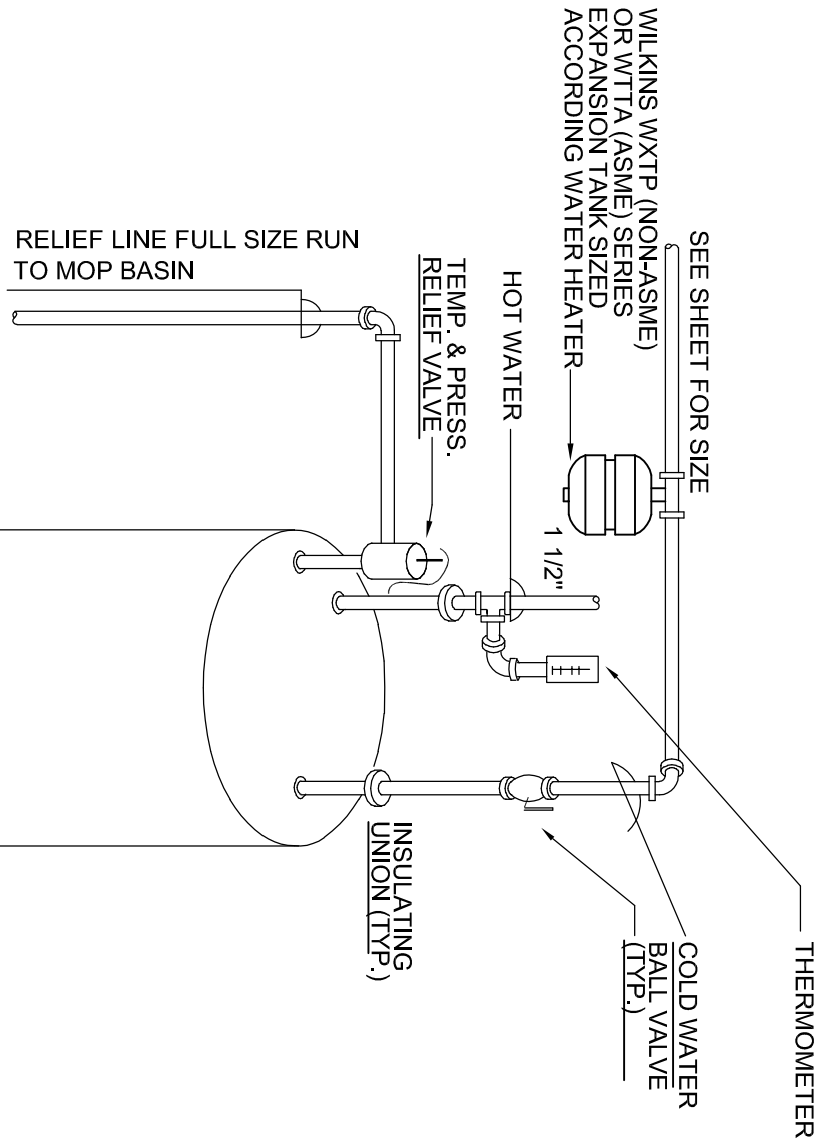
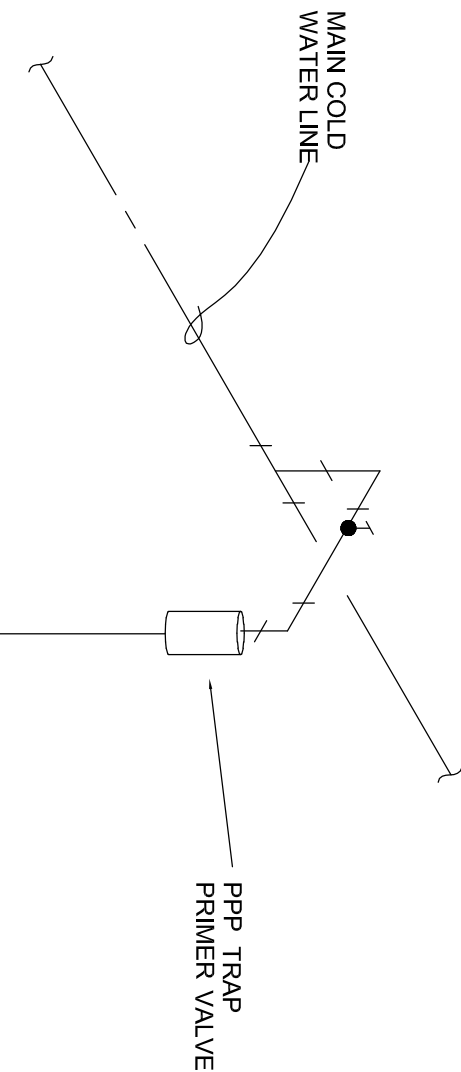
NOT TO SCALE

NOTE: INSTALL ACCORDING TO MANUFACTURER RECOMMENDATIONS

TO OPEN SITE DRAIN

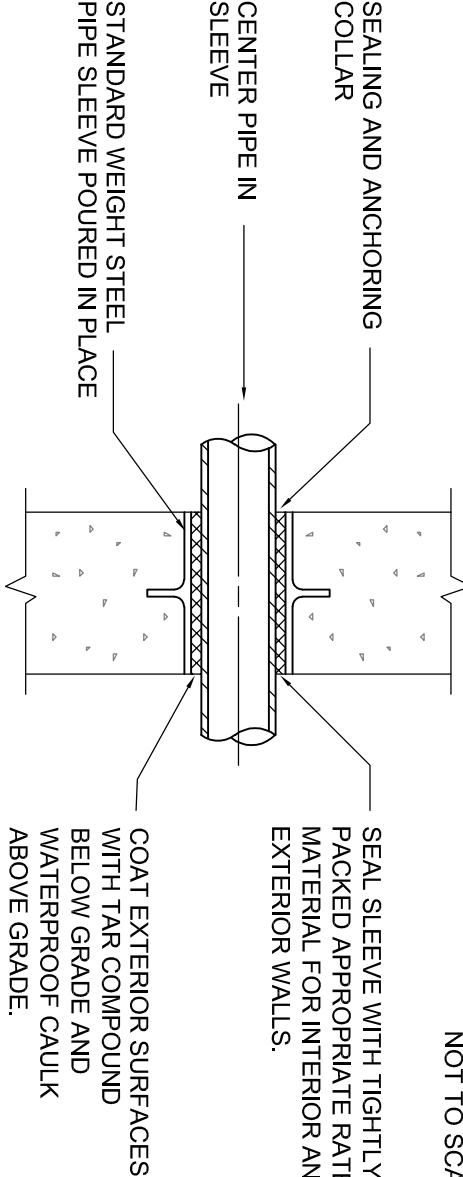
## TRAP PRIMER UNIT

NOT TO SCALE



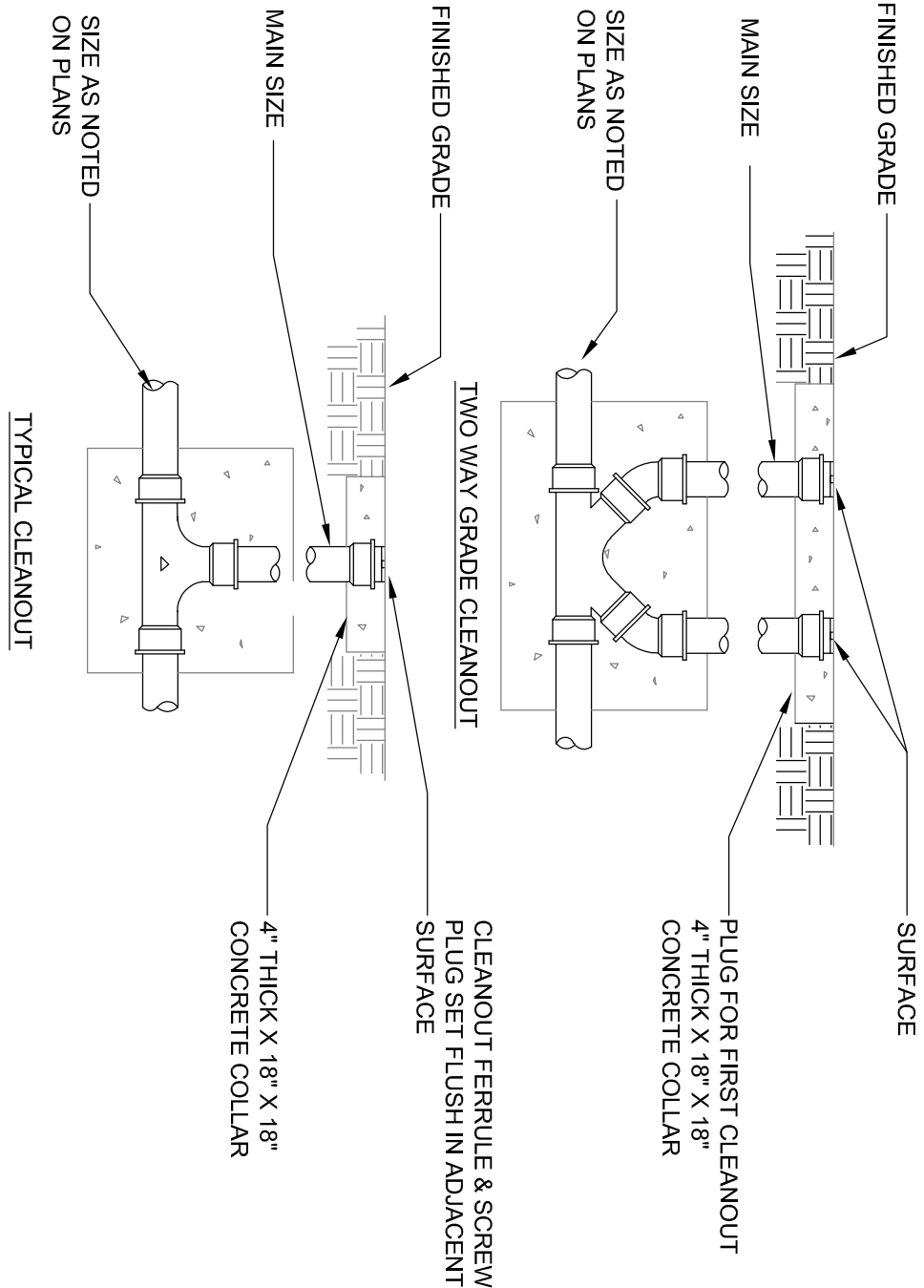
## WATER HEATER DETAIL

NOT TO SCALE



## PIPE SLEEVE THRU WALL DETAIL

NOT TO SCALE



## CLEANOUT DETAIL

NOT TO SCALE

### PLUMBING FIXTURE SCHEDULE

| MARK            | FIXTURE DESCRIPTION   |
|-----------------|---|
| (P-1)<br>A.D.A. | ADA AMERICAN STANDARD MODEL NUMBER 211AA-104, 1.28 GPF TANK TYPE TOILET WITH A 4" ELKAY FOOD SERVICE 3 COMPARTMENT SS SINK MODEL #SS8346 WITH ELKAY MODEL #LK943C FOOD SERVICE WALL MOUNT FAUCET. TRAP AND SUPPLY WRAP. PROVIDE ANY OTHER ACCESSORIES NEEDED FOR COMPLETE UNIT INSTALLATION. PROVIDE ADA TRAP INSULATION FOR ALL ADA LAV. PIPING COVER. |
| (P-2)           | AMERICAN STANDARD MODEL NUMBER 211CA-104, 1.28 GPF TANK TYPE TOILET WITH A 4" AMERICAN STANDARD MODEL #690.503 URINAL. 1.25 GPF WH. WITH MANUAL FLUSH VALVE INCLUDED IN PACKAGE. PROVIDE ANY OTHER ACCESSORIES NEEDED FOR COMPLETE INSTALLATION.  |
| (P-3)           | AMERICAN STANDARD LAVATORY WALL MOUNT MODEL 1031-026-020 WITH AMERICAN STANDARD FAUCET MODEL #50240-002 PROVIDE MIRROR. PROVIDE ANY OTHER ACCESSORIES NEEDED FOR COMPLETE UNIT INSTALLATION. PROVIDE ADA TRAP INSULATION FOR ALL ADA LAV. PIPING COVER.   |
| (P-4)           | ELKAY FOOD SERVICE 3 COMPARTMENT SS SINK MODEL #SS8346 WITH ELKAY MODEL #LK943C FOOD SERVICE WALL MOUNT FAUCET. TRAP AND SUPPLY WRAP. PROVIDE ANY OTHER ACCESSORIES NEEDED FOR COMPLETE UNIT INSTALLATION. PROVIDE PIPING COVER.  |
| (P-6)           | MOP BASIN BASED ON FLORESTONE MODEL MRS224 WITH 1/8" SINK FAUCET MODEL B06688STR. PROVIDE ALL DRAIN AND OTHER ACCESSORIES FOR COMPLETE UNIT INSTALLATION.   |
| (P-7)           | WATER HEATER BASED ON A.O. SMITH MODEL #E26873-3, 65 GALLON CAPACITY TANK, 4.5 KW VOLTAGE, 120V, 60 HZ. PROVIDE ANY OTHER ACCESSORIES FOR COMPLETE UNIT INSTALLATION. COORDINATE WITH ELECTRICAL.   |
| C.O.            | INTERIOR: ZURN MODEL ZH400-4NL<br>EXTERIOR: ZURN MODEL ZH400-4NL  |
| W.H.            | NON-FREEZE WALL HYDRANT, STR. WALL HYDRANT MODEL 67°C FIREPROOF WITH SLEEVE. COORDINATE WITH GC ON LOCATION.  |
| F.D.            | FLOOR DRAIN ZURN MODEL #FD2210.   |
| H.B.            | HOSE BIB: ZURN MODEL ZH341  |

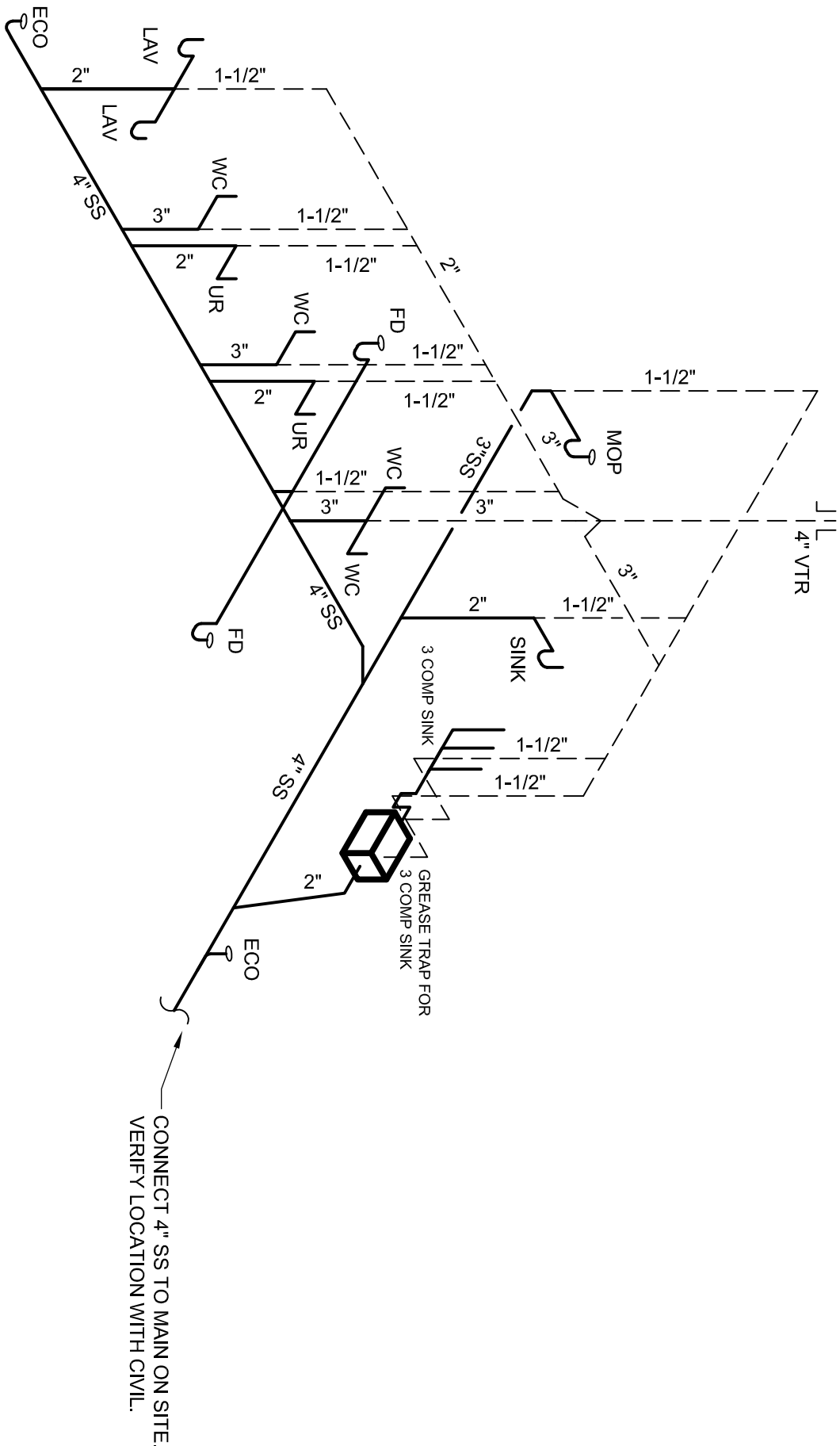
## FIXTURE CONNECTION SCHEDULE

| DESCRIPTION                | CONNECTION SIZE |             |        |
|----------------------------|-----------------|-------------|--------|
|                            | WASTE           | C.W.        | H.W.   |
| SINK                       | 2"              | 1 1/2"      | 1-1/2" |
| URINAL                     | 2"              | 3/4"        | -      |
| LAVATORY (TOILET/ADA)      | 2"              | 1 1/2"      | 1-1/2" |
| WATER CLOSET (TANK TYPE)   | 3"              | 3/4"        | -      |
| WATER CLOSET (FLUSH VALVE) | 3"              | 1-1/2"      | -      |
| SHOWER                     | 3"              | 3/4"        | 1-1/2" |
| MOP BASIN                  | 3"              | 1 1/2"      | 1-1/2" |
| DRINKING FOUNTAIN          | 2"              | 1/2"        | -      |
| FLOOR DRAIN                | 4"              | 1 1/2" T.P. | 1-1/2" |
| TRAP PRIMER UNIT           | -               | 1 1/2"      | -      |

NOTE: FIXTURE CONNECTION SCHEDULE SHALL BE USED FOR TYPICAL CONNECTION. SEE RISER AND PLANS FOR ADDITIONAL WASTE, C.W., H.W., AND VENT SIZES.

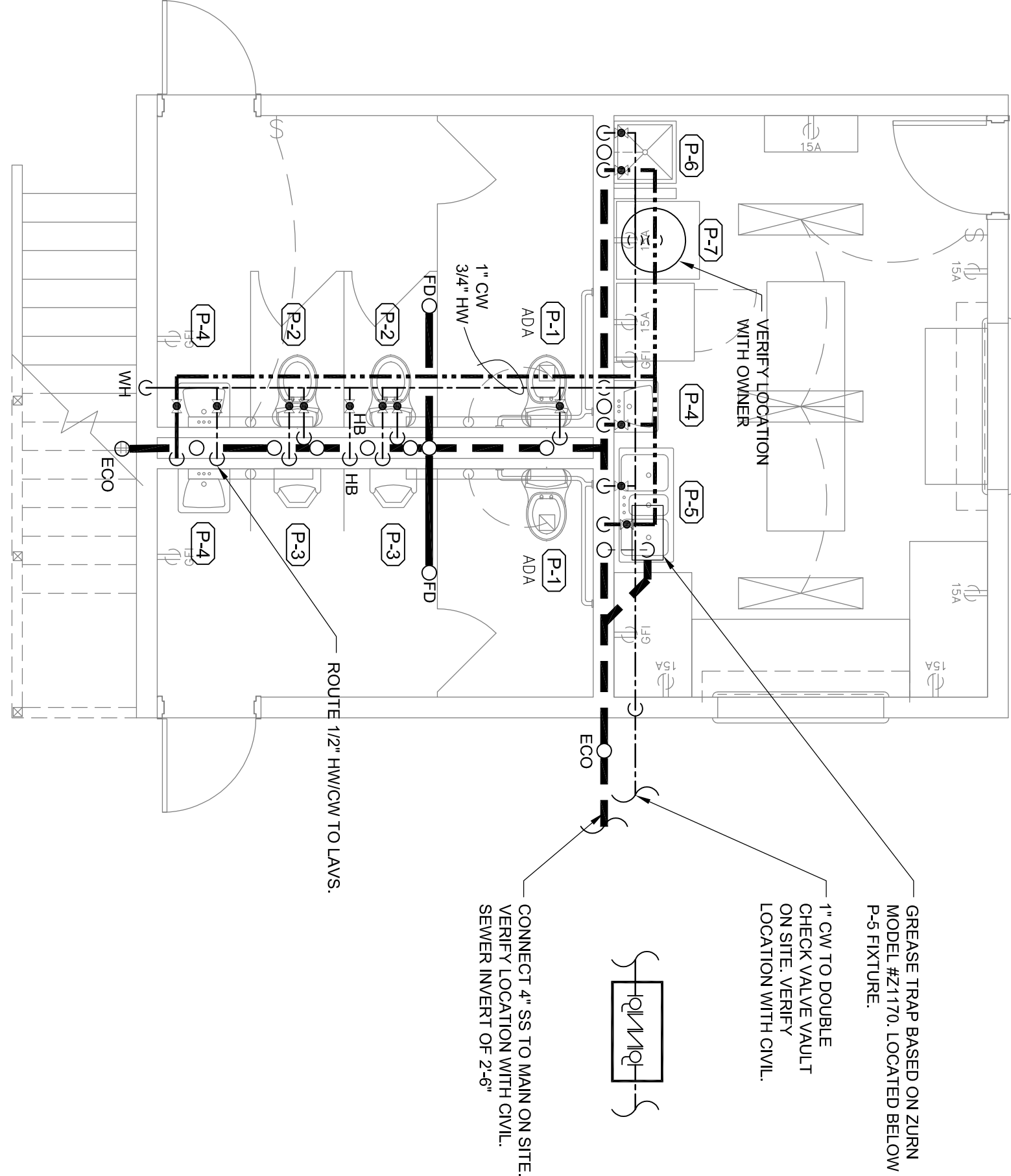
## SHOCK ABSORBER SCHEDULE

| PIPE SIZE | FIXTURE RANGE | MODEL NUMBER  |
|-----------|---------------|---------------|
| 1/2"      | 1 - 11        | PPI # SC-500  |
| 3/4"      | 12 - 32       | PPI # SC-750  |
| 1"        | 33 - 60       | PPI # SC-1000 |
| 1-1/2"    | 114 - 154     | PPI # SC-1900 |
| 2"        | 155 - 330     | PPI # SC-2000 |



## SEWER RISER

NOT TO SCALE



## FIRST FLOOR PLAN

SCALE: 1/4"=1'-0"

