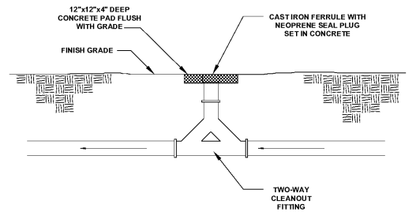
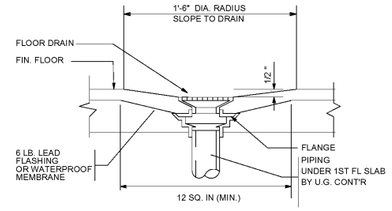
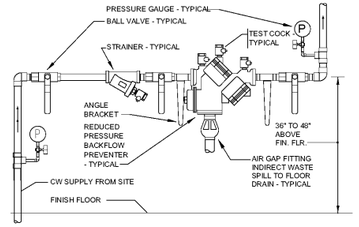


1 GRADE CLEANOUTS DETAIL
N.T.S.



2 TYPICAL FLOOR DRAIN DETAIL
N.T.S.



3 RED PRESS BFP
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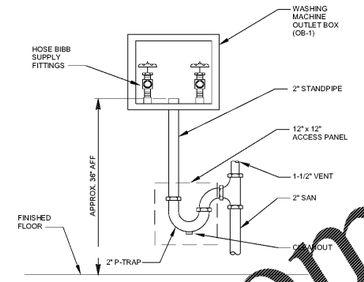
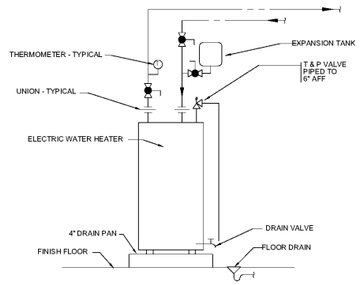
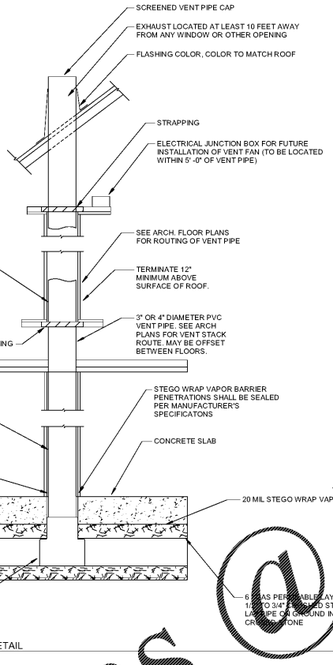


4 WASHING MACHINE HOOK-UP DETAIL
N.T.S.



5 ELECTRICAL WATER HEATER PIPING SCHEMATIC
N.T.S.



7 PASSIVE RADON SYSTEM DETAIL
N.T.S.

RADON CONTROL SYSTEM LAYOUT

PROVIDE A MINIMUM 20 STEGO WRAP VAPOR BARRIER ON TOP OF THE GAS PERMEABLE LAYER PRIOR TO POURING THE SLAB.

LARGE OPENINGS THROUGHT CONCRETE SLAB SHALL BE FILLED.

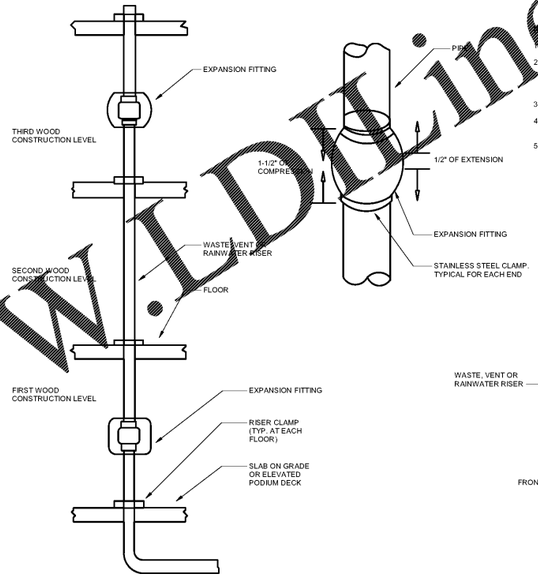
ALL CONTROL JOINTS, ISOLATION JOINTS, CONSTRUCTION JOINTS, AND ANY OTHER JOINTS IN CONCRETE SLABS OR BETWEEN SLABS AND FOUNDATION WALLS SHALL BE SEALED.

PROVIDE 3" OR 4" DIAMETER PVC VENT PIPE EMBEDDED VERTICALLY INTO THE SUB SLAB AGGREGATE A "T" FITTING ON THE BOTTOM OF THE PIPE SHALL BE USED TO ENSURE THAT THE PIPE OPENING REMAINS WITHIN THE SUB SLAB PERMEABLE LAYER.

THE VENT PIPE SHALL BE EXTENDED VERTICALLY THROUGH THE ROOF AND TERMINATE AT LEAST 12" ABOVE THE SURFACE OF THE ROOF, IN LOCATION AT LEAST 10 FEET AWAY FROM ANY WINDOW OR OTHER OPENING.

TO FACILITATE INSTALLATION OF AN ACTIVE SUB SLAB DEPRESSURIZATION SYSTEM, ELECTRICAL JUNCTION BOXES SHALL BE INSTALLED IN THE ATTIC IN PROXIMITY OF THE VENT PIPES.

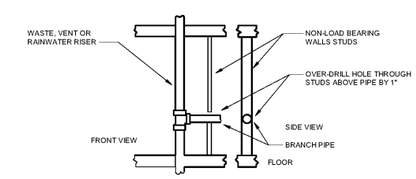
EXHAUST MUST BE ROUTED TO ROOF AT REAR FACADE TO MINIMZE VISUAL IMPACT FROM STREET.



8 EXPANSION JOINT FITTING DETAIL
3/4" = 1'-0"

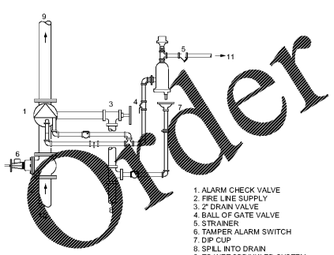
NOTE

1. EXPANSION FITTING SHALL BE EQUAL TO FERNCO KJ SERIES
2. PROVIDE EXPANSION FITTNGS ON ALL VERTICAL SANITARY, WASTE, VENT OR RAINWATER RISERS ROUTED THROUGH WOOD CONSTRUCTION. EXPANSION FITTING SHALL BE LOCATED ON THE FIRST WOOD CONSTRUCTED FLOOR AND EVERY ALTERNATING FLOOR ABOVE FIRST LEVEL.
3. INSTALL EXPANSION FITTING 4'-0" ABOVE FLOOR HEIGHT.
4. EXPANSION FITTINGS SHALL BE INSTALLED TO ALLOW A MINIMUM OF 1-1/2" OF COMPRESSION AND 1/2" EXTENSION FROM NORMAL POSITION.
5. PROVIDE RISER CLAMPS AT THE BASE OF EACH STACK OF EACH FLOOR.



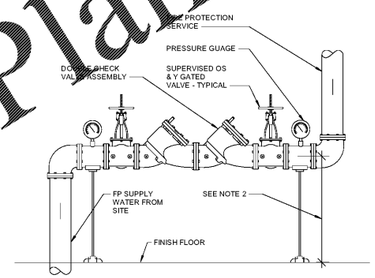
OVER BORED HOLES ARE NOT A SUBSTITUTION FOR EXPANSION FITTING DETAIL. REFER STRUCTURAL DETAILS FOR OVER BORED WALL PENETRATIONS.

9 PIPE WALL STUD PENETRATION DETAIL
3/4" = 1'-0"



1. ALARM CHECK VALVE
2. FIRE LINE SUPPLY
3. 2" DRAIN VALVE
4. BALL OF GATE VALVE
5. STRAINER
6. TAMPER ALARM SWITCH
7. DIP CUP
8. SPILL INTO DRAIN
9. TO WET SPRINKLER SYSTEM
10. SPRINKLER SUPPLY
11. TO WATER MOTOR GONG

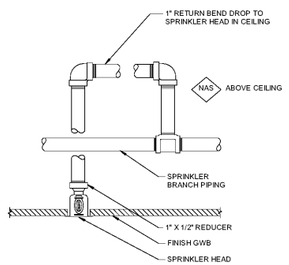
10 ALARM CHECK VALVE PIPING ARRANGEMENT
N.T.S.



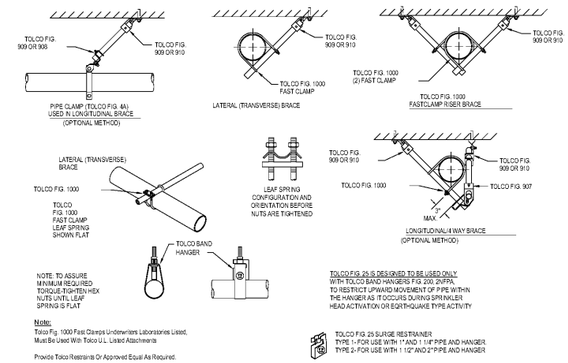
NOTE:

1. SUPPORT PIPING AND FITTINGS AS REQUIRED TO CONFORM TO MANUFACTURES REQUIREMENTS.
2. INSTALL DCVA 3' TO 4' AFF WITH CLEAR SPACE OF 3' IN FONT, 1' AT EACH END AND 1' FROM WALL (MINIMUM).

11 DOUBLE CHECK VALVE ASSEMBLY
N.T.S.



12 CONCEALED SPRINKLER HEAD WITH RETURN BEND DROP
N.T.S.



13 SEISMIC RESTRAINT COMPONENTS
N.T.S.

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Issues and Revisions

	Date	Issued / Revised
1	03/16/2020	50% CONSTRUCTION DOCUMENTS
2	05/18/2020	80% CONSTRUCTION DOCUMENTS
3	07/13/2020	PERMIT

BUILDING ADDRESSES

TYPE G-B
442, 444 ,446, 448 RATLIFF LANE
324, 236, 238, 330 ISHMAEL PLACE

TYPE H-A
373, 443 VANCE AVE
316, 364 FOOTE LANE
353 S DANNY THOMAS BLVD

TYPE I-C
385, 431 VANCE AVE
315 ISHMAEL PLACE

TYPE L-A
327 ISHMAEL PLACE
420, 350 FOOTE LANE
345 S DANNY THOMAS BLVD

TYPE M-A
402, 406 FOOTE LANE

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LRK Project Number: 01.15100.42

Project Name:

South City CNI Phase 4

Memphis TN

Drawing Name:

PLUMBING/FIRE PROTECTION DETAILS

Drawn By: EDM

Checked By: JEW

P002