

NUMBER	TYPE OF FIXTURE	DRAINAGE		WATER		REMARKS - REFER TO NOTES BELOW SCHEDULE
		WP	VP	CW	HW	
P-103	VITREOUS CHINA, WALL HUNG WATER CLOSET WITH SENSOR OPERATED, BATTERY POWERED FLUSH VALVE	4"	2"	1"	---	PROVIDE FOR PUBLIC AND STAFF TOILETS; STANDARD AND ADA ACCESSIBLE APPLICATIONS
P-415	VITREOUS CHINA, WALL HUNG LAVATORY	1 1/4"	2"	1/2"	1/2"	PROVIDE FOR PUBLIC AND STAFF TOILETS; STANDARD AND ADA ACCESSIBLE APPLICATIONS
P-502	TERRAZZO FLOOR MOUNTED CORNER SERVICE SINK	3"	2"	1/2"	1/2"	PROVIDE FOR JANITOR CLOSETS
P-528	STAINLESS STEEL SINGLE BASIN COUNTERTOP MOUNTED SINK	1 1/2"	1 1/2"	1/2"	1/2"	PROVIDE FOR BREAK ROOMS
P-529	STAINLESS STEEL SINGLE BASIN SINK	1 1/2"	1 1/2"	1/2"	1/2"	PROVIDE FOR COFFEE/CART STORAGE

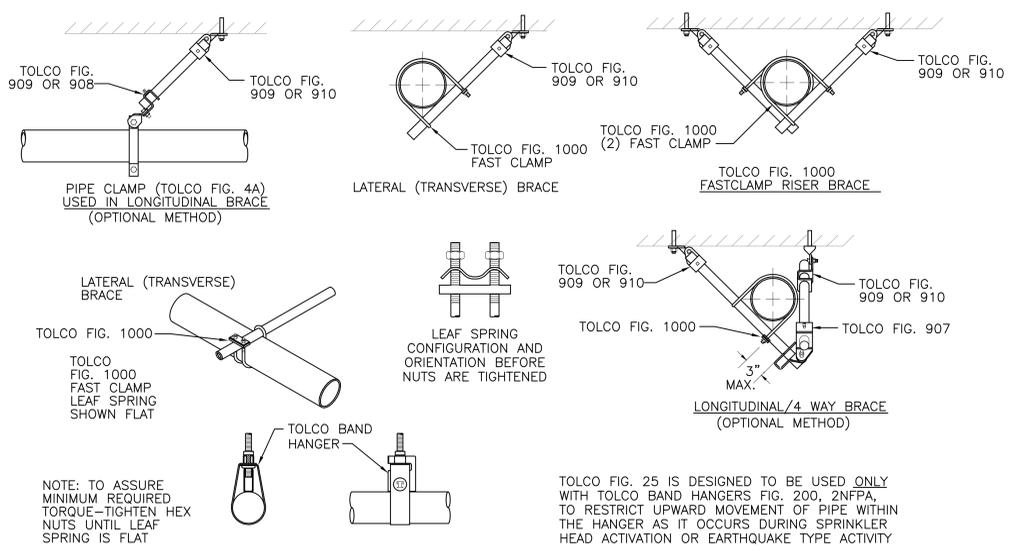
- WHERE COLOR/FINISH OPTIONS ARE AVAILABLE FOR FIXTURES, SELECTIONS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO PURCHASE AND INSTALLATION.
- VERIFY SINK DIMENSIONS WITH ARCHITECT, RE: MILLWORK.
- REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF ALL FIXTURES.
- FIXTURES FOR USE BY THE HANDICAPPED:
 - INSTALL IN ACCORDANCE WITH A.D.A., STATE, AND LOCAL REQUIREMENTS.
 - THE FORCE REQUIRED TO ACTIVATE FLUSH VALVES SHALL BE 5 LBS MAXIMUM.
 - FLUSH ACTIVATOR SHALL BE LOCATED ON WIDE SIDE OF THE STALL.
 - THE FAUCET CONTROLS AND THE OPERATING MECHANISM (OPERABLE WITH ONE HAND) SHALL BE OF THE TYPE NOT REQUIRING AN OPERATING FORCE EXCEEDING 5 LBS, OR TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
- PROVIDE INSULATED COVERINGS FOR WASTE, TRAP, CW AND HW SUPPLIES ON ADA ACCESSIBLE PLUMBING FIXTURES WHERE OTHER MEANS OF PROTECTION ARE NOT PROVIDED BY ARCHITECT.

GENERAL NOTES:

- DRAWINGS SHOW ONLY THE KNOWN SERVICES IN THE VICINITY OF THE PROJECT AREA.
- CONTRACTOR SHALL VISIT THE PROJECT SITE AND FIELD VERIFY LOCATIONS, ELEVATIONS, AND SIZES OF ALL EXISTING SERVICES PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL REMOVE, REWORK AND/OR REROUTE EXISTING SERVICES AS REQUIRED TO ACCOMPLISH THE WORK REQUIRED BY THIS CONTRACT.
- CONTRACTOR SHALL COORDINATE THE DISRUPTION OF ANY SERVICE WITH THE LOCAL OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO SAID DISRUPTION TO MINIMIZE ANY INCONVENIENCE TO THE OWNER/USER.
- EXISTING SERVICES TO REMAIN OR TO BE RELOCATED SHALL BE REPAIRED TO ORIGINAL OPERATION OR REPLACED SHOULD THEY BE DAMAGED DURING CONSTRUCTION.
- ALL EXISTING WORK NOT SHOWN ON THESE DRAWINGS SHALL REMAIN AS-IS UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. CONTRACTOR SHALL INSTALL EQUIPMENT AND MAKE FINAL CONNECTIONS. PROVIDE ALL NECESSARY VALVES, TRAPS, FLOW CONTROLS, FILTERS, BACKFLOW PREVENTERS, FAUCETS, STOPS, TAILPIECES, VACUUM BREAKERS, PRESSURE REDUCING VALVES, AND PIPING IF NOT FURNISHED ON, OR WITH NEW EQUIPMENT.
- CONTRACTOR SHALL FURNISH AND INSTALL SHOCK ABSORBERS ON PIPING SERVING FLUSH VALVE FIXTURES AND/OR QUICK CLOSING VALVES (SOLENOID OPERATED, ETC.) IN ACCORDANCE WITH "PLUMBING AND DRAINAGE INSTITUTE" (PDI-WH-201) GUIDELINES.
- CONTRACTOR SHALL COORDINATE INSTALLATION WITH ALL DISCIPLINES INVOLVED TO AVOID ANY PIPE ROUTING PROBLEMS. IN THE EVENT CONFLICTS ARE ENCOUNTERED WHICH CANNOT BE RESOLVED BY THE TRADES INVOLVED, THE ARCHITECT SHALL BE CONSULTED AND HIS DECISION SHALL GOVERN.
- ALL VENTS SHALL BE A MINIMUM OF 12'-0" AWAY FROM ALL FRESH AIR INTAKES FOR AIR HANDLING UNITS.
- ALL FIXTURES, EQUIPMENT AND PIPING SHOWN ON THESE DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
- PENETRATIONS THROUGH NEW WALLS AND FLOORS SHALL BE SLEEVED AND/OR PATCHED AS DIRECTED BY THE SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
- ALL WORK SHOWN IS PART OF BASE BID EXCEPT WHERE OTHERWISE DESIGNATED.
- CONTRACTOR SHALL COORDINATE THE REMOVAL AND DISPOSAL METHOD OF ALL SCRAP METAL WITH ARCHITECT.
- COORDINATE THE EXACT LOCATION OF ROOF DRAINS WITH ARCHITECT PRIOR TO CONSTRUCTION.
- SEISMICALLY BRACE ALL PIPE AS REQUIRED BY LOCAL CODE REQUIREMENTS.

DEMOLITION NOTES:

- DRAWINGS SHOW ONLY THE KNOWN SERVICES IN THE VICINITY OF THE PROJECT AREA.
- CONTRACTOR IS ADVISED THAT LOCATIONS SHOWN FOR EXISTING SERVICES ARE APPROXIMATE. FIELD VERIFY LOCATIONS, MATERIALS, AND SIZES OF SERVICES PRIOR TO CONSTRUCTION. BRING DISCREPANCIES BETWEEN THE NEW CONSTRUCTION DRAWINGS AND THE EXISTING CONDITIONS TO THE ENGINEER'S ATTENTION FOR COORDINATION PRIOR TO CONSTRUCTION.
- EXISTING SERVICES THAT ARE NOT SHOWN, BUT ARE DISCOVERED DURING DEMOLITION, SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BY THE CONTRACTOR FOR PROPER COORDINATION. REMOVE, REWORK AND/OR REROUTE THE EXISTING UTILITIES AS DIRECTED BY THE ENGINEER.
- COORDINATE ANY DISRUPTION OF PLUMBING OR FIRE PROTECTION SERVICE TO ADJACENT AREAS WITH THE LOCAL OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS IN ADVANCE OF SAID DISRUPTION.
- REMOVE EXISTING SERVICES AS SHOWN ON DRAWINGS OR AS REQUIRED.
- PATCH EXISTING WALL AND FLOOR PENETRATIONS FORMERLY OCCUPIED BY PIPING TO MATCH EXISTING CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
- REMOVE EXISTING PIPING THAT HAS BEEN ABANDONED IN PLACE AND IS NO LONGER IN SERVICE. CAP AS CLOSE TO MAIN AS POSSIBLE. REMOVE EXISTING PIPING THAT IS NO LONGER CONNECTED TO MAINS.



- Note:
- Tolco Fig. 1000 Fast Clamps Underwriters Laboratories Listed, Must Be Used With Tolco U.L. Listed Attachments
 - Provide Tolco Restraints Or Approved Equal As Required.
- TOLCO FIG. 25 SURGE RESTRAINER
 TYPE 1 - FOR USE WITH 1" AND 1 1/4" PIPE AND HANGER.
 TYPE 2 - FOR USE WITH 1 1/2" AND 2" PIPE AND HANGER

9 SEISMIC RESTRAINT COMPONENTS - TYPICAL APPLICATIONS
 SCALE: NTS

SYMBOL	DESCRIPTION	ABBREVIATIONS
---	SANITARY WASTE (SW)	A/E ARCHITECT / ENGINEER
---	SANITARY VENT (SV)	AD AREA DRAIN
---	COLD WATER (CW)	AFF ABOVE FINISH FLOOR
---	120° F HOT WATER (HW)	ASME AMERICAN SOCIETY OF MECHANICAL ENGINEERS
---	120° F HOT WATER RETURN (HWR)	ASPE AMERICAN SOCIETY OF PLUMBING ENGINEERS
---	NON-POTABLE WATER (NPW)	B.V. BALANCING VALVE
---	STORM DRAIN (SD)	CI CAST IRON
---	OVERFLOW DRAIN (OD)	CO CLEANOUT
---	CONDENSATE DRAIN (CD)	CW COLD WATER
---	TOP CONNECTION, 45° OR 90°	DN DOWN
---	BOTTOM CONNECTION, 45° OR 90°	DW DISHWASHER
---	SIDE CONNECTION	DWG DRAWING
---	CAPPED OUTLET	DWV DRAIN WASTE VENT
---	RISE OR DROP IN PIPE	EWC ELECTRIC WATER COOLER
---	UNION	EXIST. EXISTING
---	PIPE UP	F FAHRENHEIT
---	PIPE DOWN	FD FLOOR DRAIN
---	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK	GCD GRADE CLEANOUTS
---	CLEAN OUT	GPM GALLONS PER MINUTE
---	HOSE BIB	HW HOT WATER
---	GATE VALVE	HWR HOT WATER RETURN
---	CHECK VALVE	KW KILOWATT
---	BALL VALVE	NTS NOT TO SCALE
---	BALANCING VALVE	ORD OVERFLOW ROOF DRAIN
---		PDI PLUMBING AND DRAINAGE INSTITUTE
---		PSI POUNDS PER SQUARE INCH
---		RD ROOF DRAIN
---		SAN SANITARY SEWER
---		SS STAINLESS STEEL
---		TEMP TEMPERATURE
---		TP TRAP PRIMER
---		TYP TYPICAL
---		V VENT
---		VTR VENT THROUGH ROOF
---		W WASTE
---		WC WATER CLOSET
---		WCO WALL CLEANOUT
---		WH WALL HYDRANT
---		WS WASTE STACK

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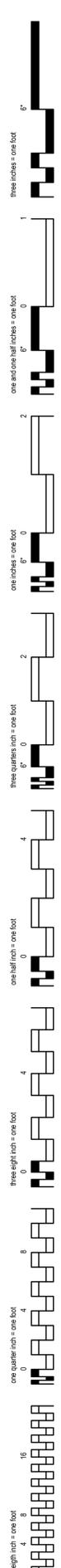
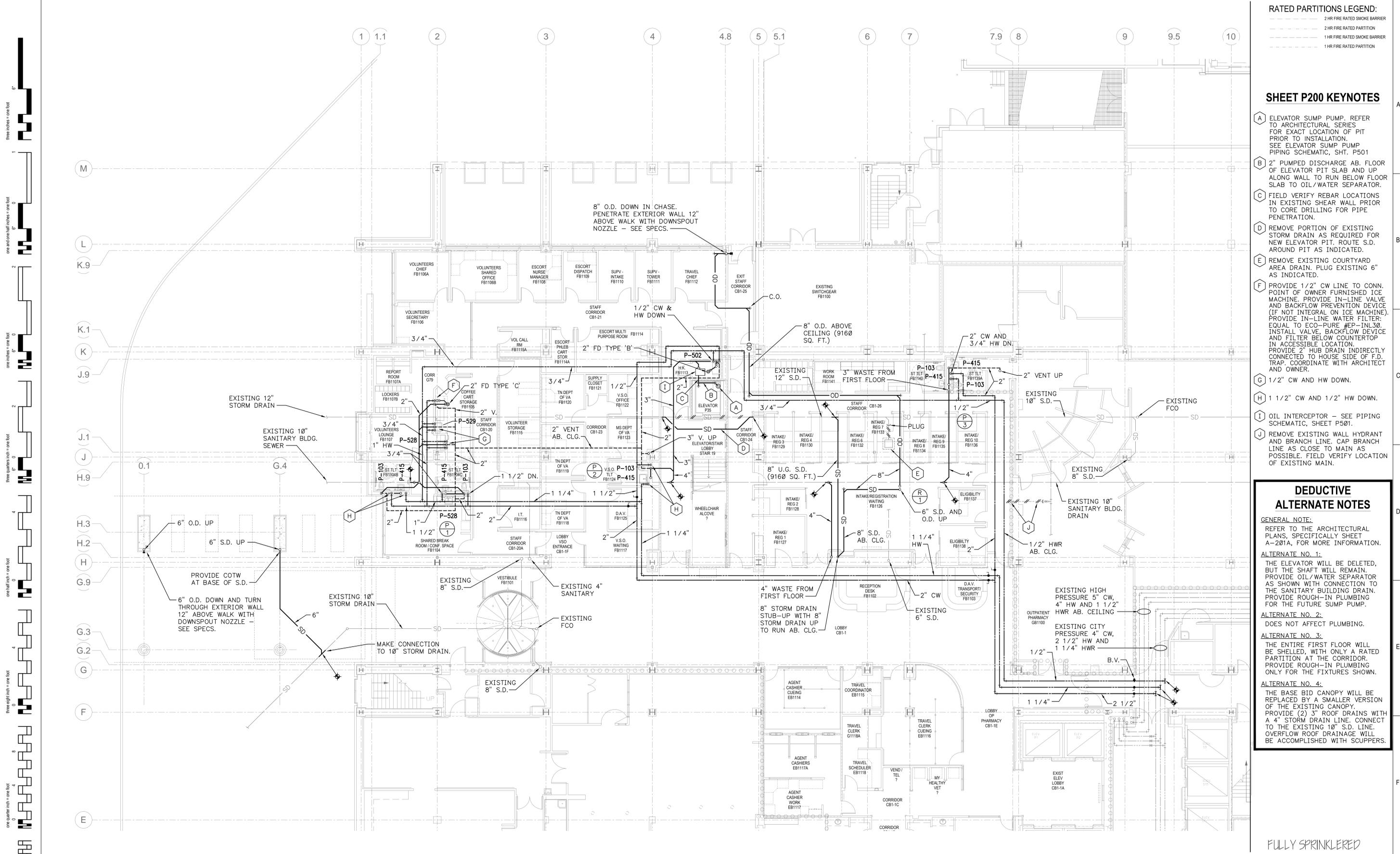
SEAL:

ARCHITECT/ENGINEERS:
brg3s architects
 11 W. Huling Avenue
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DRAWING TITLE:
LEGEND, NOTES AND SCHEDULES
 SCALE: NONE
 APPROVED PROJECT DIRECTOR:

PROJECT TITLE:
VA BUILDING 1A ENTRANCE EXPANSION
LOCATION:
VAMC, Memphis, Tennessee
 DATE: January 27, 2014
 CHECKED: RLT
 DRAWN: TLJ

PROJECT NUMBER:
61660
BUILDING NUMBER:
1A
DRAWING NUMBER:
P001
 DWG. OF



RATED PARTITIONS LEGEND:
 - - - - - 2 HR FIRE RATED SMOKE BARRIER
 - - - - - 2 HR FIRE RATED PARTITION
 - - - - - 1 HR FIRE RATED SMOKE BARRIER
 - - - - - 1 HR FIRE RATED PARTITION

SHEET P200 KEYNOTES

- (A) ELEVATOR SUMP PUMP. REFER TO ARCHITECTURAL SERIES FOR EXACT LOCATION OF PIT PRIOR TO INSTALLATION. SEE ELEVATOR SUMP PUMP PIPING SCHEMATIC, SHT. P501
- (B) 2" PUMPED DISCHARGE AB. FLOOR OF ELEVATOR PIT SLAB AND UP ALONG WALL TO RUN BELOW FLOOR SLAB TO OIL/WATER SEPARATOR.
- (C) FIELD VERIFY REBAR LOCATIONS IN EXISTING SHEAR WALL PRIOR TO CORE DRILLING FOR PIPE PENETRATION.
- (D) REMOVE PORTION OF EXISTING STORM DRAIN AS REQUIRED FOR NEW ELEVATOR PIT. ROUTE S.D. AROUND PIT AS INDICATED.
- (E) REMOVE EXISTING COURTYARD AREA DRAIN. PLUG EXISTING 6" AS INDICATED.
- (F) PROVIDE 1/2" CW LINE TO CONN. POINT OF OWNER FURNISHED ICE MACHINE. PROVIDE IN-LINE VALVE AND BACKFLOW PREVENTION DEVICE (IF NOT INTEGRAL ON ICE MACHINE). PROVIDE IN-LINE WATER FILTER: EQUAL TO ECO-PURE WEP-INL30. INSTALL VALVE, BACKFLOW DEVICE AND FILTER BELOW COUNTERTOP IN ACCESSIBLE LOCATION. PROVIDE 2" HUB DRAIN INDIRECTLY CONNECTED TO HOUSE SIDE OF F.D. TRAP. COORDINATE WITH ARCHITECT AND OWNER.
- (G) 1/2" CW AND HW DOWN.
- (H) 1 1/2" CW AND 1/2" HW DOWN.
- (I) OIL INTERCEPTOR - SEE PIPING SCHEMATIC, SHEET P501.
- (J) REMOVE EXISTING WALL HYDRANT AND BRANCH LINE. CAP BRANCH LINE AS CLOSE TO MAIN AS POSSIBLE. FIELD VERIFY LOCATION OF EXISTING MAIN.

DEDUCTIVE ALTERNATE NOTES

GENERAL NOTE:
 REFER TO THE ARCHITECTURAL PLANS, SPECIFICALLY SHEET A-201A, FOR MORE INFORMATION.

ALTERNATE NO. 1:
 THE ELEVATOR WILL BE DELETED, BUT THE SHAFT WILL REMAIN. PROVIDE OIL/WATER SEPARATOR AS SHOWN WITH CONNECTION TO THE SANITARY BUILDING DRAIN. PROVIDE ROUGH-IN PLUMBING FOR THE FUTURE SUMP PUMP.

ALTERNATE NO. 2:
 DOES NOT AFFECT PLUMBING.

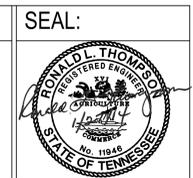
ALTERNATE NO. 3:
 THE ENTIRE FIRST FLOOR WILL BE SHELED, WITH ONLY A RATED PARTITION AT THE CORRIDOR. PROVIDE ROUGH-IN PLUMBING ONLY FOR THE FIXTURES SHOWN.

ALTERNATE NO. 4:
 THE BASE BID CANOPY WILL BE REPLACED BY A SMALLER VERSION OF THE EXISTING CANOPY. PROVIDE (2) 3" ROOF DRAINS WITH A 4" STORM DRAIN LINE. CONNECT TO THE EXISTING 10" S.D. LINE. OVERFLOW ROOF DRAINAGE WILL BE ACCOMPLISHED WITH SCUPPERS.

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Revisions	Date

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DRAWING TITLE:
 GROUND FLOOR PLAN

SCALE: 1/8" = 1'-0"

APPROVED PROJECT DIRECTOR:

PROJECT NUMBER:
 61660

BUILDING NUMBER:
 1A

DRAWING NUMBER:
 P200

PROJECT TITLE:
 VA BUILDING 1A
 ENTRANCE EXPANSION

LOCATION:
 VAMC, Memphis, Tennessee

DATE:
 January 27, 2014

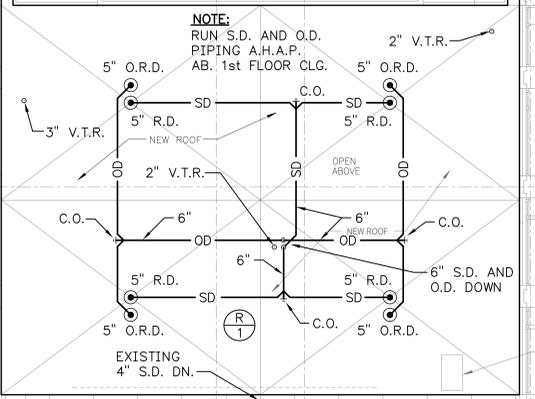
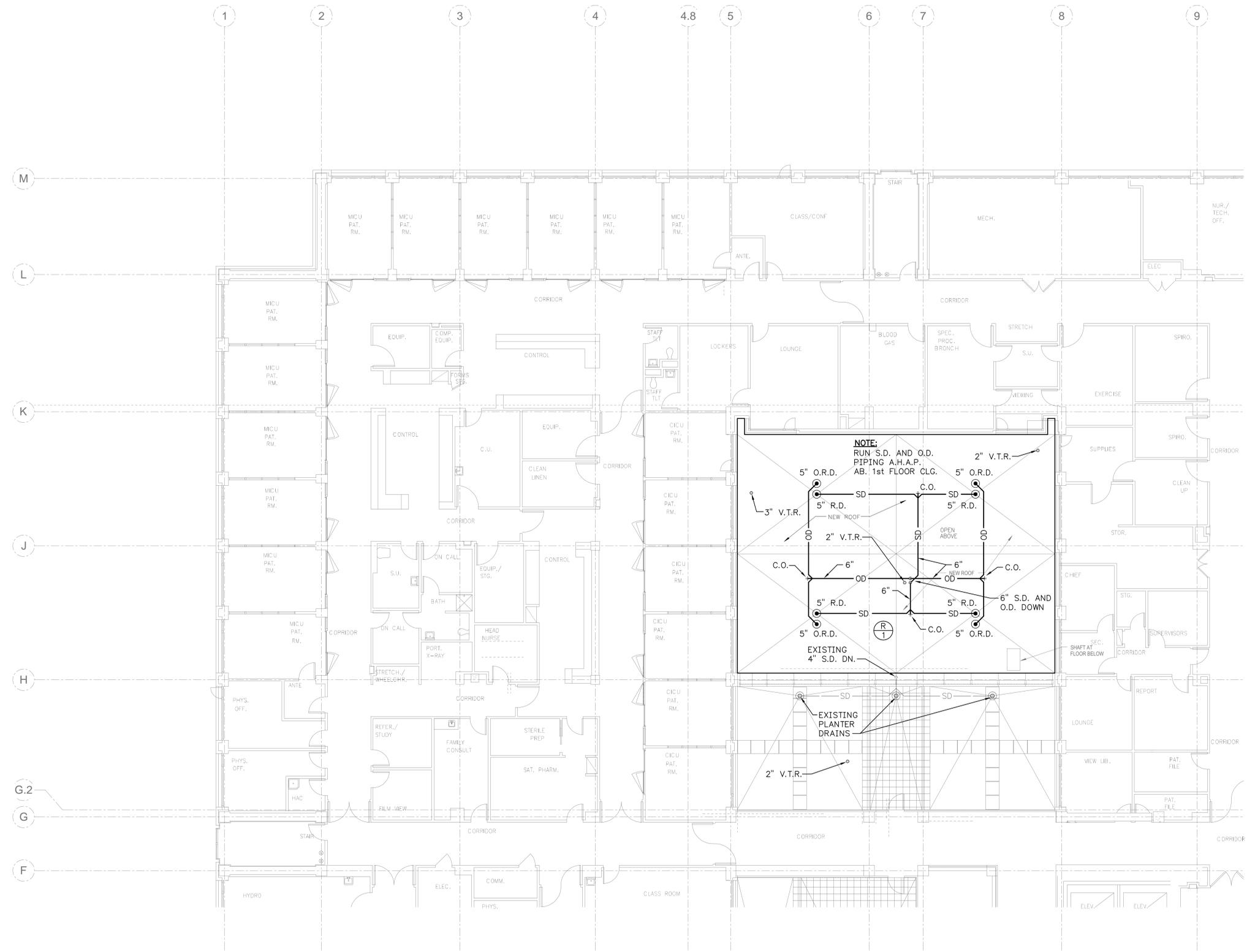
CHECKED:
 RLT

DRAWN:
 TLJ

DWG. OF

RATED PARTITIONS LEGEND:

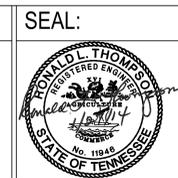
- 2 HR FIRE RATED SMOKE BARRIER
- 2 HR FIRE RATED PARTITION
- 1 HR FIRE RATED SMOKE BARRIER
- 1 HR FIRE RATED PARTITION



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Revisions:	Date:

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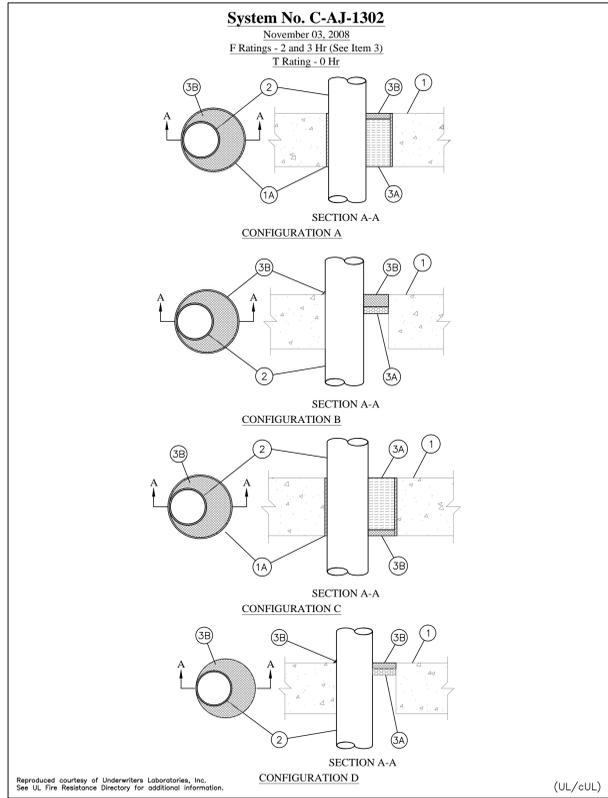


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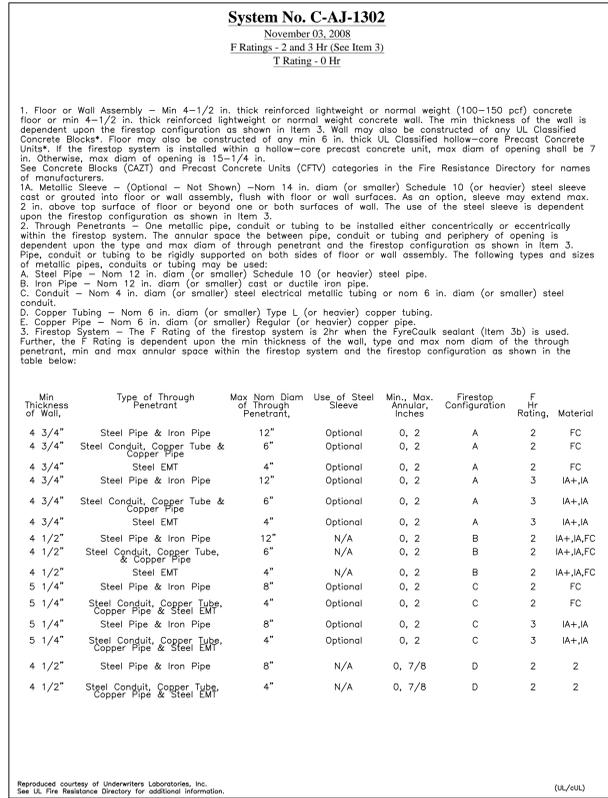
DRAWING TITLE:
 ROOF PLAN
 SCALE: 1/8" = 1'-0"
 APPROVED PROJECT DIRECTOR:

PROJECT TITLE:
 VA BUILDING 1A
 ENTRANCE EXPANSION
 LOCATION:
VAMC, Memphis, Tennessee
 DATE:
January 27, 2014
 CHECKED:
RLT
 DRAWN:
TLJ

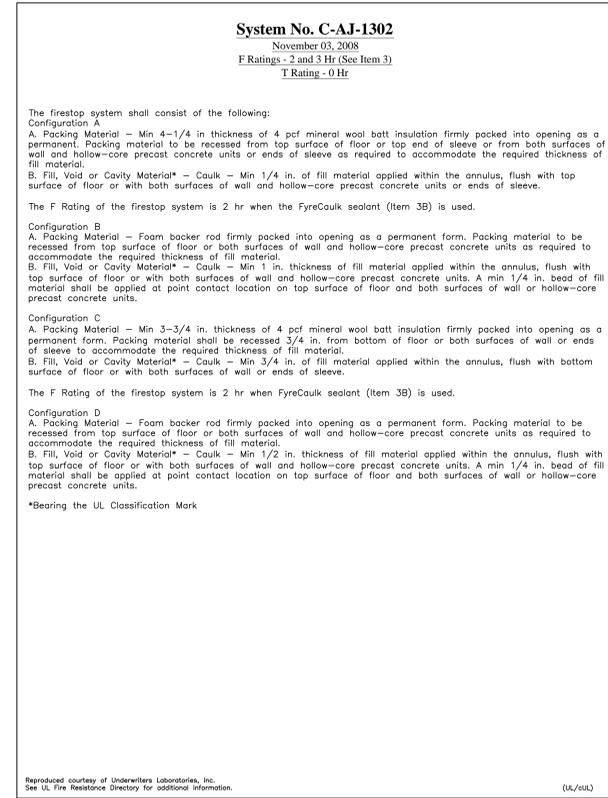
PROJECT NUMBER:
 61660
BUILDING NUMBER:
 1A
DRAWING NUMBER:
P202
 DWG. OF



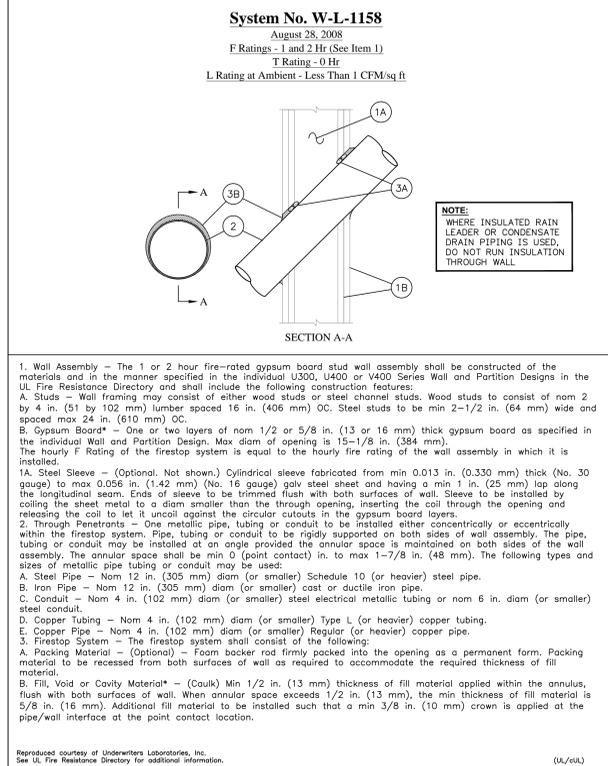
UNINSULATED STEEL, IRON OR COPPER PIPE PENETRATION THROUGH CONCRETE FLOOR OR CONCRETE/CMU WALL (1 of 3)
SCALE: NONE



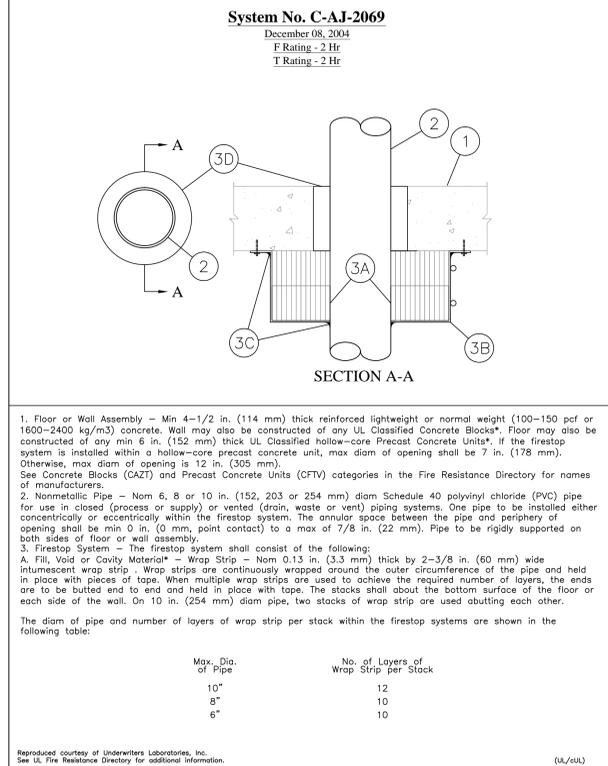
UNINSULATED STEEL, IRON OR COPPER PIPE PENETRATION THROUGH CONCRETE FLOOR OR CONCRETE/CMU WALL (2 of 3)
SCALE: NONE



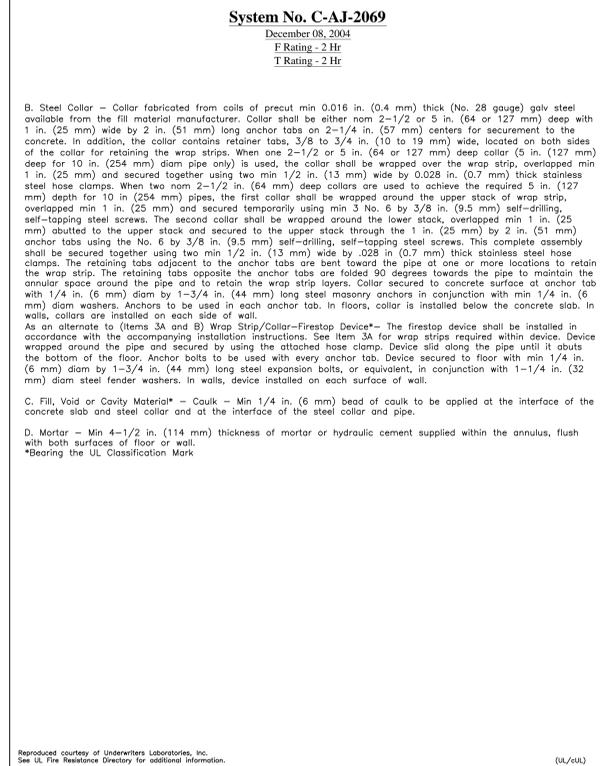
UNINSULATED STEEL, IRON OR COPPER PIPE PENETRATION THROUGH CONCRETE FLOOR OR CONCRETE/CMU WALL (3 of 3)
SCALE: NONE



UNINSULATED STEEL, IRON, OR COPPER PIPE PENETRATION THROUGH GYPSUM BOARD WALL (1 of 1)
SCALE: NONE



UNINSULATED PVC PIPE PENETRATION THROUGH CONCRETE FLOOR OR CMU WALL (1 OF 2)
SCALE: NONE



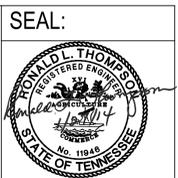
UNINSULATED PVC PIPE PENETRATION THROUGH CONCRETE FLOOR OR CMU WALL (2 OF 2)
SCALE: NONE

three inches = one foot
one and one half inches = one foot
one inch = one foot
one half inch = one foot
three quarters inch = one foot
one quarter inch = one foot
one eighth inch = one foot

Revisions:	Date:

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DRAWING TITLE:
FIRE STOP PENETRATION DETAILS

SCALE: NONE

APPROVED PROJECT DIRECTOR:

PROJECT TITLE:
**VA BUILDING 1A
ENTRANCE EXPANSION**

LOCATION:
VA MC, Memphis, Tennessee

DATE: **January 27, 2014**

CHECKED: **RLT**

DRAWN: **TLJ**

PROJECT NUMBER:
61660

BUILDING NUMBER:
1A

DRAWING NUMBER:
P502

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