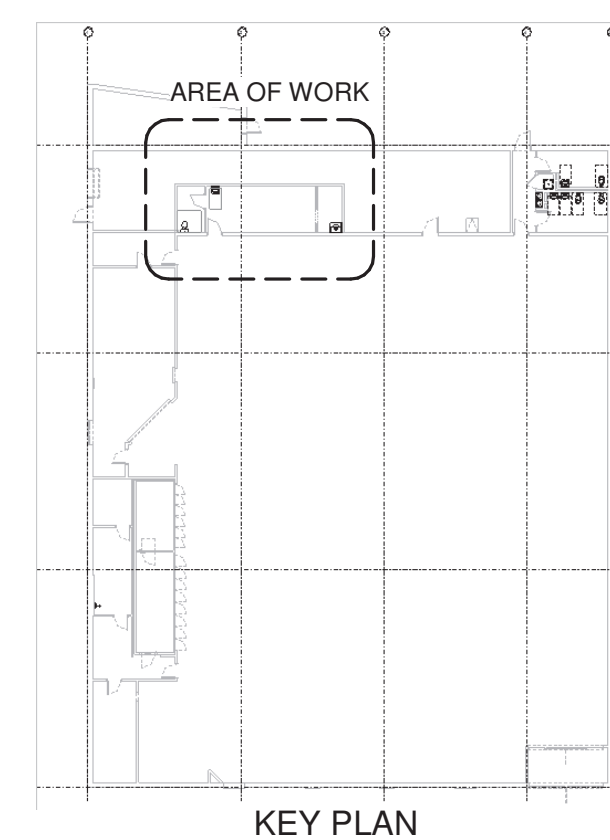


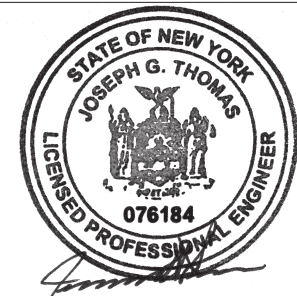
1. GENERAL:
 - 1.1. SPECIFICATION SECTIONS 01 11 00 SUMMARY OF WORK, 20 07 00 MECHANICAL INSULATION AND 22 10 00 PLUMBING SHALL BE CONSIDERED A PART OF THIS WORK.
 - 1.2. SEE ARCHITECTURAL DRAWINGS FOR PIPE PORTALS.
 - 1.3. PLUMBING VENTS ON ROOF SHALL BE LOCATED A MINIMUM OF 15'-0" AWAY FROM ANY OUTSIDE AIR INTAKE.
 - 1.4. WATER, WASTE AND VENT PIPING SHALL NOT BE LOCATED IN AN EXTERIOR WALL WHEN THE WINTER TEMPERATURE CAN DROP BELOW 32° F, UNLESS THOSE PIPES ARE LOCATED ON THE ROOM SIDE OF THE WALL INSULATION. IN THOSE CASES, PROVIDE AN ADDITIONAL NON-INSULATED WALL CHASE.
 - 1.5. PLUMBING LINES IN PROXIMITY OF ELECTRICAL PANELS SHALL BE IN ACCORDANCE WITH NFPA 70 AND NEC SECTION 110.26.
2. DOMESTIC WATER PIPING:
 - 2.1. HOT AND COLD DOMESTIC WATER PIPES ABOVE FINISHED FLOOR TO BE COPPER TYPE 'L'.
 - 2.2. DOMESTIC WATER PIPING WITHIN BUILDING SHALL BE ABOVE GROUND.
 - 2.3. BRANCH LINES TO PLUMBING FIXTURES SHALL HAVE WATER HAMMER ARRESTORS THAT ARE CODE APPROVED, AND SIZED ACCORDING TO FIXTURE UNIT LOADING.
 - 2.4. EXPOSED WATER SUPPLIES FOR PLUMBING FIXTURES SHALL BE CHROME-PLATED BRASS AND HAVE 1/4 TURN BALL TYPE HANDLE (NOT KEY) OPERATED STOPS WITH METAL STEMS, BY BRASSCRAFT OR EQUAL.
 - 2.5. WATER PIPING AND SIMILAR ITEMS THAT RUN THROUGH STUD SPACES SHALL HAVE A MINIMUM OF 1/2" CLEAR SPACE SURROUNDING THE PIPING TO AVOID CONTACT WITH ADJACENT SURFACES.
 - 2.6. DOMESTIC WATER PIPING ABOVE GRADE SHALL BE INSULATED. EXPOSED INSULATED PIPING IN GENERAL SALES SHALL BE COVERED WITH PVC JACKET.
 - 2.7. BRANCH WATER LINES SHALL HAVE ISOLATION VALVES THAT ARE ACCESSIBLE.
 - 2.8. NO DOMESTIC WATER PIPING SHALL BE ROUTED ABOVE THE ELECTRICAL ROOM AND TECH ROOM.
3. SANITARY WASTE AND VENT PIPING :
 - 3.1. CLEANOUTS SHALL BE INSTALLED IN THE BUILDING DRAIN, HORIZONTAL WASTE, STORM OR SOIL LINES WITH CHANGES IN DIRECTION GREATER THAN 45°. PROVIDE CLEANOUTS AT THE END OF EACH BRANCH, AT THE BASE OF EACH STACK, AND AS REQUIRED BY CODE. ALL CLEANOUTS TO BE VISIBLE AND ACCESSIBLE.
 - 3.2. THE USE OF DOUBLE COMBINATION FITTINGS IS PROHIBITED. A DOUBLE WYE WITH 45° SWEEP ELBOWS IS ACCEPTABLE WITH A MINIMUM OF 1'-0" TRAVEL PIECE BETWEEN THE 45° FITTING AND WYE CONNECTION.
 - 3.3. TOILET ROOM VENT STACK(S) SHALL BE LOCATED UPSTREAM OF ALL TOILET ROOM PLUMBING FIXTURES.
4. VALVES FOR PLUMBING:
 - 4.1. VALVES ABOVE CEILING SHALL BE 12" (MAXIMUM) ABOVE THE FINISHED CEILING OR AT BOTTOM CHORD OF BAR JOIST WHEN NO CEILING EXISTS. LOCATE VALVES IN EXPOSED CEILING SPACES OR ABOVE LAY-IN CEILINGS WHEN FEASIBLE. GENERAL CONTRACTOR SHALL PROVIDE ACCESS PANELS FOR VALVES LOCATED ABOVE HARD CEILINGS OR CONCEALED IN WALLS.
5. FIRE SUPPRESSION SYSTEM:
 - 5.1. REFER TO THE FIRE SUPPRESSION DRAWING, F111 AND THE CORRESPONDING SECTION OF THE SPECIFICATION SECTION 21 10 00.

NOTE:
EXISTING SANITARY SEWER AND WATER PIPING
LOCATIONS AND SIZES ARE BASED ON THE EXISTING
PLUMBING DRAWINGS. PLUMBING CONTRACTOR SHALL
FIELD VERIFY EXACT LOCATIONS AND SIZES OF EXISTING
PIPING IN THE FIELD. NOTIFY GENERAL
CONTRACTOR/ARCHITECT OF ANY DISCREPANCIES
BETWEEN THE DRAWINGS AND ACTUAL LOCATIONS AND
SIZES



WCW
Engineers, Inc.

HEREBY CERTIFY THAT
THIS PLAN AND
SPECIFICATION WAS
PREPARED BY ME OR
UNDER MY DIRECT
SUPERVISION AND THAT I,
ARCHITECT OR
ENGINEER, UNDER THE
LAWS OF THE STATE OF
NEW YORK AS SIGNED
BY MY HAND AND SEAL.



DATE: 1/22/21 EXP.: 9/30/21



LINGLE DESIGN GROUP
158 W. MAIN ST.
LENA, IL 61048
815.369.9155

1764 BLAKE ST.
DENVER, CO 8020
303.974.5873

WWW.LINGLEDESIGN.COM

[illegible]

FLOOR PLAN

STORE # 02758

WALGREENS
134 WIDLEY STREET
TARRYTOWN, NEW YORK

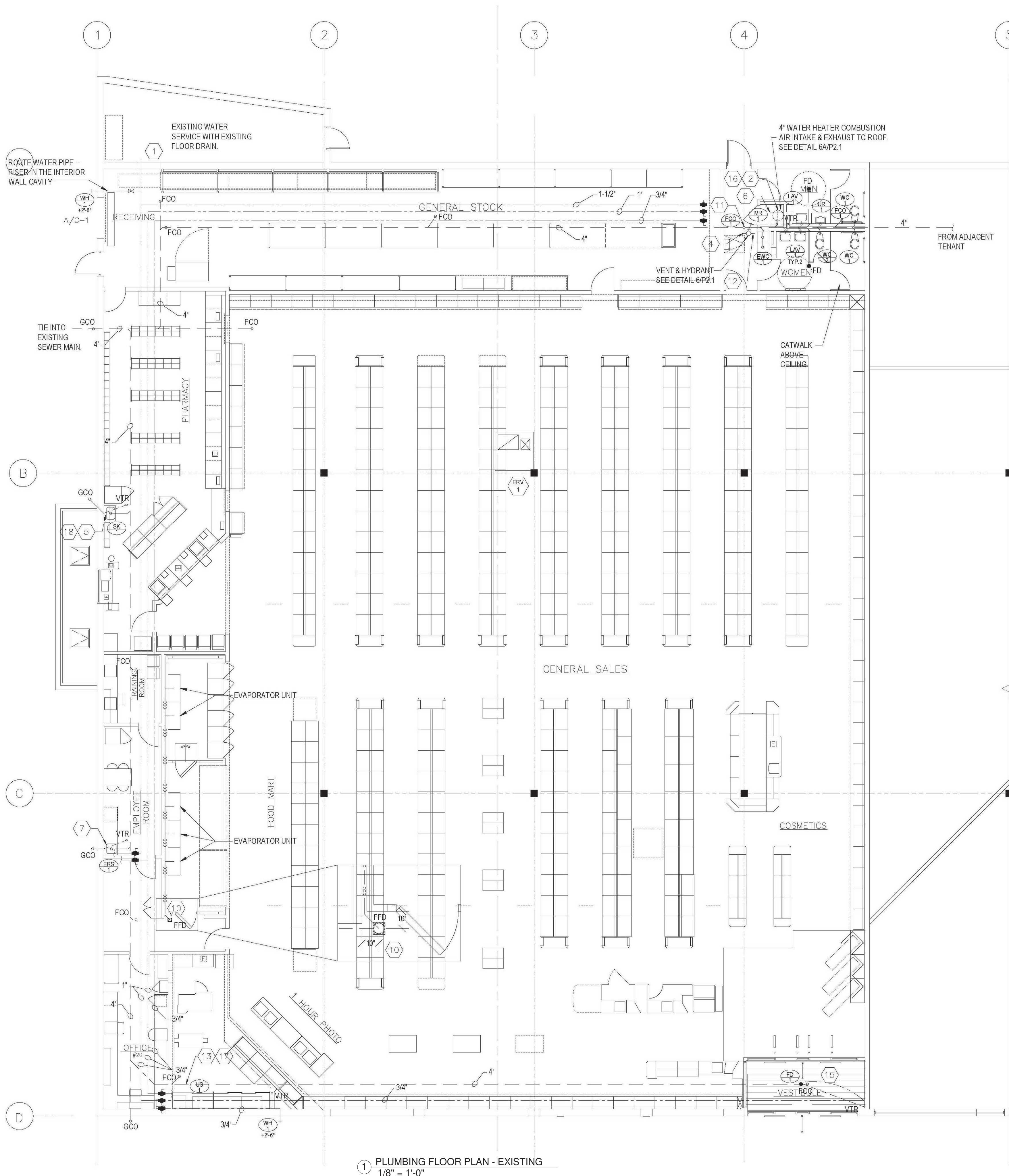
PRINT TIME STAMP:
1/1/22/2021 1:16:22 PM

DRAWN BY:
D. LYASKOV

DATE: 01/26/21

REVIEWED:
J. THOMAS

P111



1 PLUMBING FLOOR PLAN - EXISTING
1/8" = 1'-0"

NOTES

- ALL WORK SHOWN TO COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC.
- SEE ALL OTHER DRAWINGS AND WALGREENS SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK.
- ALL WATER & GAS SHUT OFF VALVES SHALL BE JOMAR T/S100, BALL TYPE (OR EQUAL) AND JOMAR T/S100SS FOR BALANCING VALVES.
- PROVIDE COMPLETE WALK-IN-COOLER/FREEZER PLUMBING SYSTEM. PLUMBING CONTRACTOR TO INSTALL COND. DRAIN.
- ALL HOT AND COLD WATER PIPING (ABOVE FINISHED FLOOR) TO BE COPPER TYPE "L". (ALL WATER PIPING WITHIN BLDG. TO BE ABOVE GROUND).
- ALL WATER PIPING ABOVE GRADE SHALL BE INSULATED.
- EXPOSED WATER SUPPLIES FOR ALL FIXTURES SHALL BE CHROME PLATED BRASS AND HAVE WHEEL OR OVAL (NOT KEY) OPERATED STOPS (EXCEPT URINALS) WITH METAL STEMS, BRASSCRAFT (OR EQUAL).
- ALL PLUMBING FIXTURES SHALL HAVE BRANCH SIZE, 12" LONG AIR CHAMBERS AND/OR CODE APPROVED DEVICES WHICH MAY BE USED AT FIXTURES AND/OR BRANCH PIPING IF PIPING METHOD IS CODE APPROVED.
- PROVIDE CLEAN OUTS AT THE END OF EACH BRANCH, PER CODE AT THE BASE OF EACH STACK AND AS OTHERWISE NOTED. ALL CLEAN OUTS TO BE VISIBLE AND ACCESSIBLE FOR USE.
- ALL VALVES ABOVE THE CEILING TO BE 12" MAX. ABOVE THE CEILING OR AT BOTTOM CHORD OF BARJOIST WHEN NO CEILING EXISTS.
- ALL WATER PIPING THAT RUNS THROUGH ITEMS SUCH AS STUDS, SHALL HAVE A MIN. OF 1/2" CLEAR SPACE ALL AROUND PIPING TO AVOID ANY POSSIBLE CONTACT WITH THAT ITEM.
- NO DOUBLE FITTINGS SUCH AS Y, 1/2Y, COMBINATION Y & 1/8 BEND, T, SANITARY ETC. FITTINGS SHALL BE USED IN THE SEWER PIPING SYSTEM.

FIRE SUPPRESSION SPRINKLER SYSTEM NOTE

CONTRACTOR TO FURNISH SHOP DRAWINGS AND PROVIDE A COMPLETE FIRE SUPPRESSION SPRINKLER SYSTEM TO ENTIRE WALGREENS LEASED AREA. SYSTEM TO BE INCORPORATED INTO WALGREENS LAYOUT AND MUST COMPLY TO ALL NATIONAL, STATE AND LOCAL CODES AND ORDINANCES, INCLUDING INSURANCE UNDERWRITER'S REQUIREMENTS. IF SUPPLEMENTARY SPRINKLERS ARE REQUIRED IN SOFFITS, SEE ARCHITECTURAL DRAWINGS FOR APPLICABLE SOFFIT DETAIL. SPRINKLER PIPING IN STOCKROOM TO BE LOCATED TIGHT TO BAR JOIST, CENTERED ON ISLE WAYS, (CLEAR OF STOCKROOM SHELVING). COORDINATE WITH FIRE ALARM SYSTEM WHEN APPLICABLE.

THE AUTOMATIC FIRE SUPPRESSION SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED TO PROVIDE THE HIGHEST OF THE FOLLOWING DENSITIES WHICH CAN BE ACCOMPLISHED WITH THE PUBLIC WATER SUPPLY:
STORAGE/STOCK AREAS AT 0.35 GPM/SF OVER 2000 S.F.;
RETAIL (SALES), OFFICES, TRAINING/EMPLOYEE ROOMS AND PHARMACY AT 0.15 GPM/S.F. OVER 1500 S.F.

LEGEND

- (HWR) HOT WATER RECIRCULATION
- (CW) COLD WATER
- (HW) HOT WATER
- CONDENSATE DRAIN
- SANITARY SEWER
- SANITARY VENT
- FD FLOOR DRAIN
- FFD FUNNEL FLOOR DRAIN
- FCO FLOOR CLEAN OUT {NOT ALLOWED IN PHARMACY
- GCO GRADE CLEAN OUT
- PH POST HYDRANT
- WALL HYDRANT
- BALL VALVE - SHUT-OFF

PLUMBING KEYED NOTES

- EXISTING 1-1/2" DOMESTIC WATER SERVICE AND FIRE PROTECTION SERVICE TO REMAIN. PROVIDE WATER SERVICE FOR DOMESTIC, IRRIGATION AND FIRE PROTECTION, INCLUDING SHUT-OFF VALVES, METERS (USE MINIMUM SIZE METER ALLOWED BY CODE AND SEPARATE METER FOR IRRIGATION SYSTEM), BACK PRESSURE VALVES AND PRESSURE REGULATING VALVE WHEN REQUIRED TO LIMIT STORE PRESSURE TO 50 PSI. COORDINATE THE LOCATION AND ROUTING WITH WALGREEN CO. AND THE WATER DEPARTMENT.
- GAS FIRED WATER HEATER, BRADFORD WHITE # PDX2-5016EN WITH POWER DIRECT VENT EXHAUST & AIR INTAKE, 60,000 BTU, WITH 4" FLUE & AIR INTAKE TO ROOF, (50 GALLONS). SEE DETAIL 2/P2.1 AND 2A/P2.1. ACCEPTABLE ALTERNATE MANUFACTURER- A.O. SMITH FPD-50, AND STATE PR6-50-NBDVT.
- NOT USED.
- WATER COOLER, PROVIDE 1/2" C.W.; 1 1/2" DRAIN AND VENT IN WALL (MOUNTED 3'-0" A.F.F. TO CENTER LINE OF NOZZLE).
- RX SINK: PROVIDE 1/2"C.W.; 1/2"H.W., 105 DEGREE F.; 1 1/2" DRAIN AND VENT IN WALL. SEE DETAIL 1/P2.1.
- MOP BASIN, PROVIDE 1/2"C.W.; 1/2"H.W., 105 DEGREE F.; 3" DRAIN AND VENT IN WALL.
- EMPLOYEE ROOM SINK, PROVIDE 1/2"C.W.; 1/2"H.W.; 1 1/2" DRAIN AND VENT IN WALL.
- NOT USED.
- NOT USED.
- COMBINATION FUNNEL/FLOOR DRAIN.
- FLOOR CLEAN-OUT TO ACCEPT FLOOR TILE.
- POST HYDRANT (PH-1) ABOVE ROOF FOR MAINTENANCE OF EQUIPMENT. PROVIDE A DRAIN LINE FROM POST HYDRANT DRAIN PORT TO FUNNEL/FLOOR DRAIN.
- UTILITY SINK, PROVIDE 1/2" C.W., 1/2" H.W, 3" DRAIN AND 1 1/2" VENT IN WALL. SEE DETAIL 4/P2.1 FOR WASTE PIPING CONFIGURATION.
- NOT USED
- PROVIDE A DRAIN FOR FLOOR MAT WITH CONTINUOUS FLOW TRAP PRIMER ABOVE CEILING.
- PUMP FOR H.W. RECIRCULATION SYSTEM- BELL & GOSSET MODEL NBF-8S/LW, 1/40 H.P., .38FLA., 115V.1 PH., RATED @ 4 GPM, @ 4FT OF HEAD ; BRONZE IN-LINE. TACO AS ALTERNATE. CONTROL OF PUMP SHALL BE BY CONNECTING IT TO ELECTRICAL CIRCUIT DESIGNATED "GENERAL SALES MAINTENANCE LIGHTS".
- EYE WASH (FAUCET MOUNT), BRADLEY MODEL S19-270HD.
- PHARMATE REVERSE OSMOSIS DISPENSER, FAUCET, FILTERS AND INSTALLATION KITS PROVIDED BY WALGREENS, INSTALLED BY THE PLUMBING CONTRACTOR. FAUCET TO BE MOUNTED ON PHARMACY SINK AND DISPENSER AT END OF BOTTLE BAY SHELF (FIELD VERIFY EXACT LOCATION).

Walgreens
Store Planning and Design Development
106 Wilmet Road
Deerfield, IL 60015-5105

I HEREBY CERTIFY THAT
THIS PLAN AND SPECIFICATIONS
WAS PREPARED BY ME OR
UNDER MY DIRECT SUPERVISION AND THAT I
AM A LICENSED PROFESSIONAL
ENGINEER, UNDER THE
NEW YORK AS SIGNED
BY MY HAND AND SEAL.



DATE: 1/22/21 EXP.: 9/30/22



158 W. MAIN ST.
DENVER, CO 80202
303.974.5873
WWW.LINGLEDESIGN.COM

ISSUE FOR PERMIT		DESCRIPTION	
NO.	DATE	BY	REVISIONS
01/26/21			

PLUMBING FLOOR PLAN - EXISTING

STORE # 02758

WALGREENS
134 WIDLEY STREET
TARRYTOWN, NEW YORK

PRINT TIME STAMP:
1/22/2021 1:15:26 PM

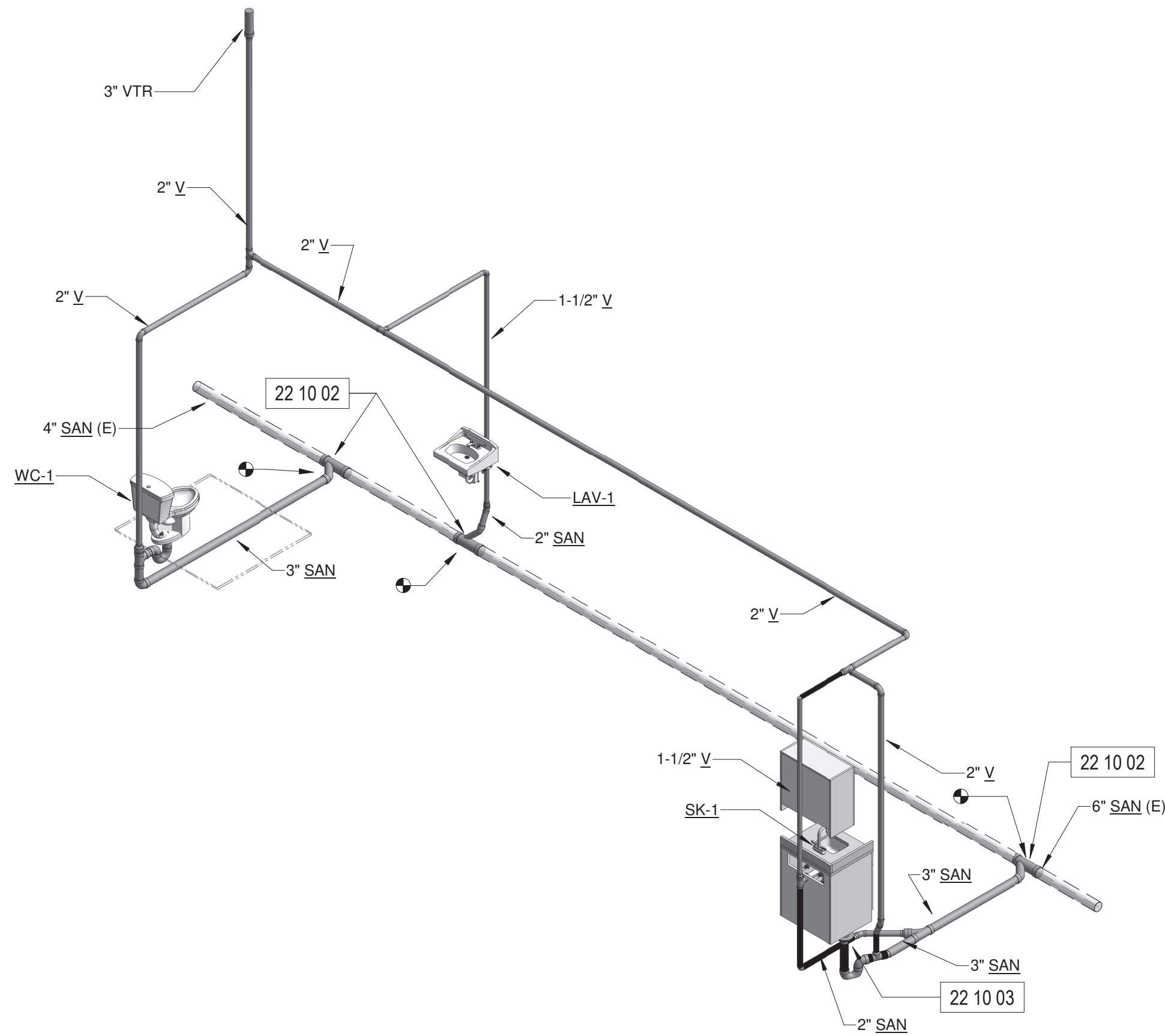
DRAWN BY:
D. LYASKOV

DATE: 01/26/21

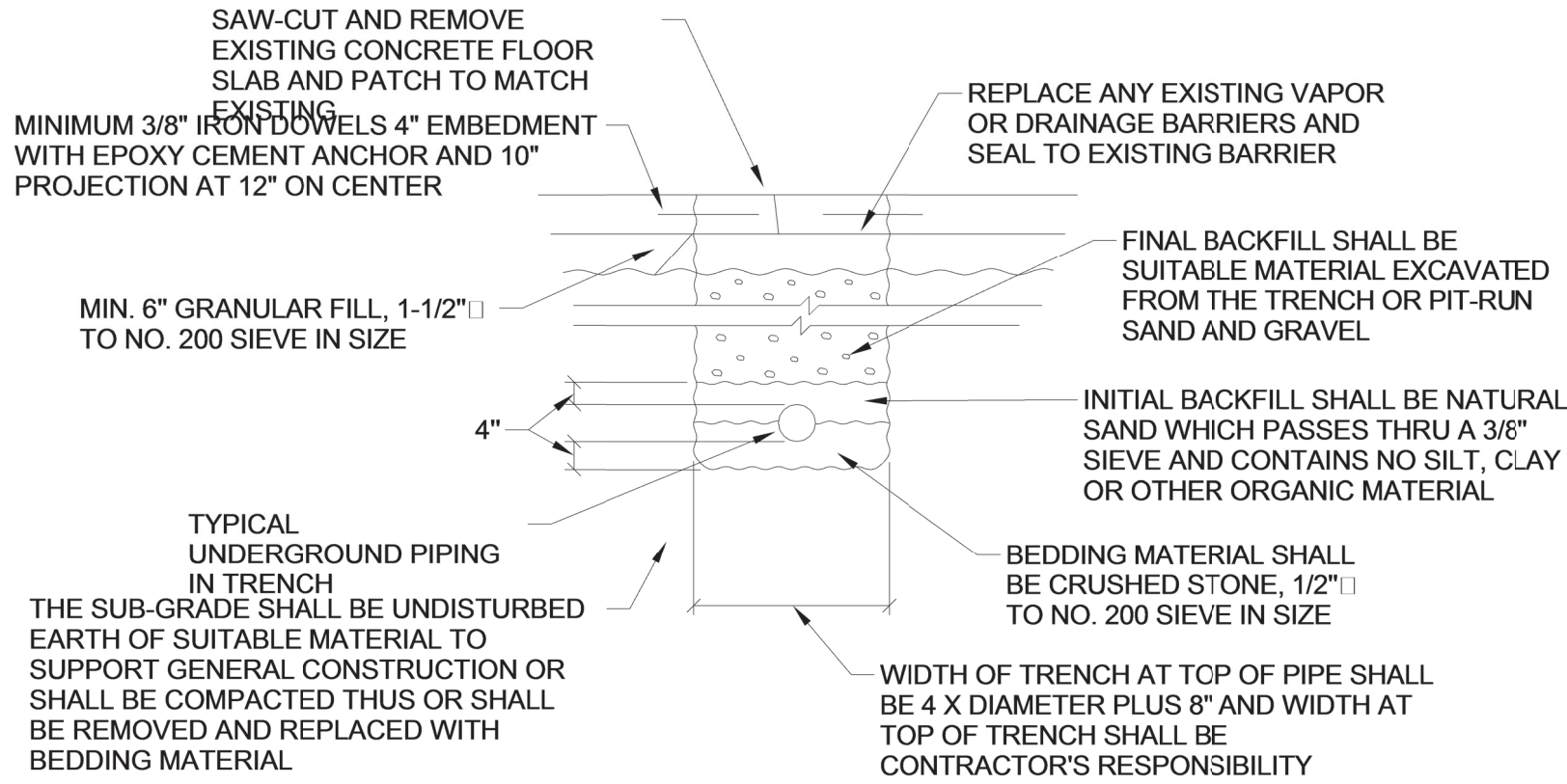
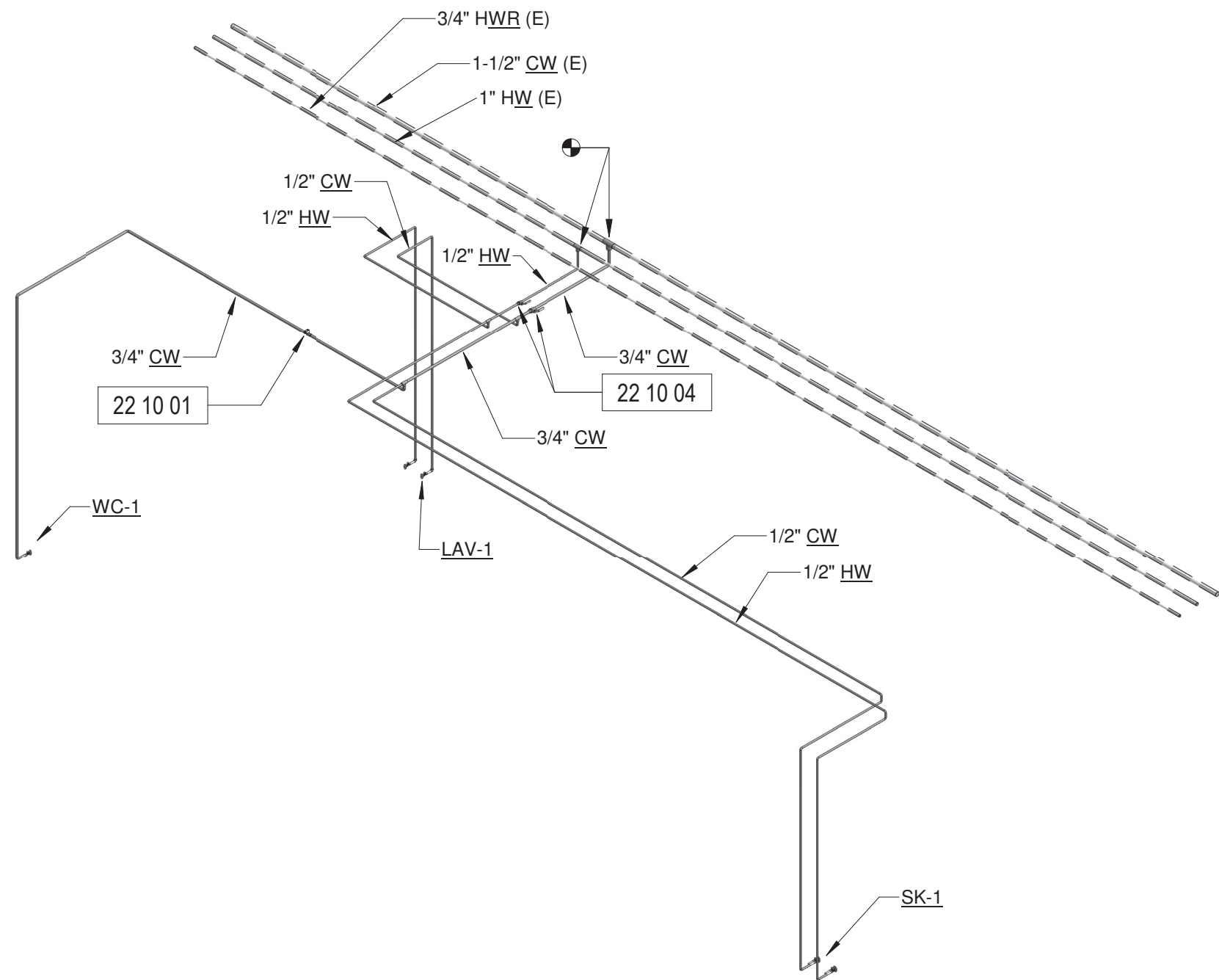
REVIEWED:
J. THOMAS

P111-E

2 ISO - WASTE AND VENTS



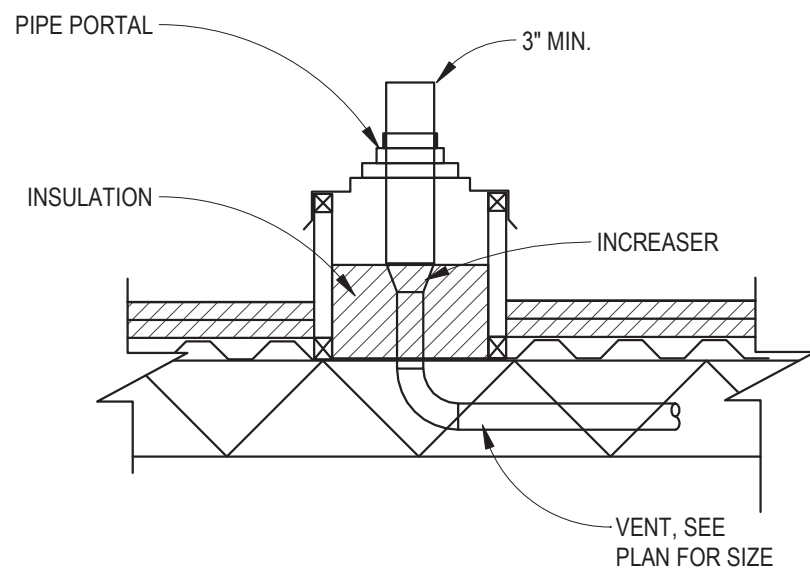
1 ISO - DOMESTIC WATER



3 UNDERGROUND PIPING DETAIL
NOT TO SCALE

PLUMBING KEYED NOTES

KEY VALUE	KEYNOTE TEXT
22 10 01	PROVIDE SWITCH CONTROLLED SOLENOID VALVE ASCO #8210G095, SOLENOID VALVE SHALL BE MOUNTED ABOVE THE LABCORP SPACE LAY-IN CEILING AT AN ACCESSIBLE LOCATION 1'-0" ABOVE THE LAY-IN CEILING IN CW LINE. LABEL LOCATION ON CEILING GRID. SEE PLUMBING FIXTURE SCHEDULE. COORDINATE WITH SITE PROJECT MANAGER DURING PRE-CONSTRUCTION WALK FOR EXACT SWITCH LOCATION AND SOLENOID VALVE LOCATION. PROVIDE A HAMMER ARRESTOR IMMEDIATELY UPSTREAM OF SOLENOID VALVE.
22 10 02	CONNECT TO EXISTING 4" SANITARY IN THIS LOCATION. CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, LOCATION AND INVERT OF EXISTING SANITARY AS SOON AS POSSIBLE PRIOR TO STARTING WORK. NOTIFY OWNER ARCHITECT IMMEDIATELY IF EXISTING INVERT OR SIZE ARE NOT ADEQUATE TO CONNECT THE NEW LABCORP SANITARY SEWER.
22 10 03	PROVIDE TRAP PRIMER FOR THE FLOOR DRAIN.
22 10 04	MAIN WATER SHUT-OFF VALVES FOR THE LABCORP SPACE SHALL BE MOUNTED ABOVE THE LABCORP SPACE LAY-IN CEILING AT AN ACCESSIBLE LOCATION 1'-0" ABOVE THE LAY-IN CEILING IN THE CW AND HW LINE. LABEL THE LOCATION ON THE CEILING GRID. COORDINATE THE EXACT LOCATION WITH THE ARCHITECTURAL.



NOTES:
1. USE STAINLESS STEEL CLAMP ON ALL PIPES.
2. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PIPE PORTAL REQUIREMENTS.

3 VENT DETAIL
1/8" = 1'-0"

PLUMBING FIXTURE SCHEDULE

SK-1	WORK ROOM SINK :
	WORK STATION SINK TO BE DAYTON SINK DXUH1210. SHIPPED LOOSE, TO BE INSTALLED IN THE FIELD. SINK TO BE PROVIDED WITH WORK STATION UNIT.
SERVICE:	1-1/2" WASTE, 1-1/2" VENT, 1/2" CW AND 1/2" HW.
FIXTURE:	WORK STATION UNIT: PREMIER WPHC083-A
FAUCET:	FAUCET TO BE PROVIDED WITH WORK STATION UNIT. ELKAY #LK411ABH4 WITH WRIST BLADE HANDLES.
DRAIN:	DRAIN TO BE PROVIDED WITH WORK STATION UNIT. JUST #JV-35-T.
TRAP:	MCGUIRE OR ZURN.
STOPS:	BRASSCRAFT 1/4 TURN BALL STOP SUPPLY KIT.
TRAP WRAP (ADA)	STANDARD TRAP WRAP HC500R, TRUEBRO.
LAV-1	LAVATORY :
	WALL HUNG, VITREOUS CHINA, 20"x18" SIZE, 4" CENTERS AND DRILLED FOR CONCEALED ARM CARRIER TO MOUNT FIXTURE AT HANDICAPPED HEIGHT AS INDICATED ON THE ARCHITECTURAL DRAWINGS. CHROME-PLATED SOLID CAST BRASS BODY WITH INTEGRAL 4" SPOUT FAUCET, ADA COMPLIANT WRIST BLADE HANDLES, 0.5 GPM FLOOR RESTRICTOR, SECURED COLOR CODED INDEX BUTTONS AND VANDAL RESISTANT SCREWS. 1/4 TURN RENEWABLE COMPRESSION CARTRIDGE. 1-1/4" O.D. TAIL PIECE WITH GRID DRAIN, CHROME PLATED ADJUSTABLE 1-1/4" IN X 1-1/2: OUT CAST BRASS P-TRAP WITH CLEANOUT PLUG AND WALL ESCUTCHEON. 3/8: COMPRESSION COUPLED INLET TUBING, IN LINE CHECKS WITH 1/4 TURN BALL VALVE STOPS. WATER AND WASTE LINES BELOW FIXTURE SHALL BE WRAPPED WITH ADA COMPLIANT TRAP WRAP CONSISTING OF REMOVABLE FOR SERVICE COVER, FOAM INSERT, FASTENERS AND VALVE COVERS. PROVIDE ASSE 1017 CERTIFIED THERMOSTATIC MIXING VALVE SET FOR 105°F MAY.
SERVICE:	1-1/2" WASTE, 1-1/2" VENT, 1/2" CW AND 1/2" HW.
FIXTURE:	AMERICAN STANDARD, LUCERNE 0355.012.
FAUCET:	AMERICAN STANDARD MONTERREY 5502.175 WITH WRIST BLADE HANDLES
CARRIER:	ZURN, WADE, JOSAM OR SMITH
TAIL PIECE & TRAP	MCGUIRE, ZURN, SYMMONS OR DELTA.
STOPS:	BRASSCRAFT
TRAP WRAP (ADA)	STANDARD TRAP WRAP HC500R, TRUEBRO.
WC-1	WATER CLOSET (ADA COMPLIANT):
	TANK TYPE WITH COVER LOCKING DEVICE, AMERICAN STANDARD "CADET PRO", ELONGATED, 1.6 GPF SIPHON JET, VITREOUS CHINA FLOOR MOUNTED AT HEIGHT SHOWN ON ARCHITECTURAL DRAWING; BOLT CAPS AND POLISHED CHROME TRIP LEVER ON WIDE SIDE; SOLID PLASTIC, OPEN FRONT SEAT, LESS COVER WITH CHECK HINGE, BEMIS 1955CT OR EQUAL.
FIXTURE:	MODEL 4188A 064 TANK COMPLETE WITH TANK LOCKING DEVICE FOR TRIP LEVER ON LEFT HAND SIDE. MODEL 4188A 065 TANK COMPLETE WITH TANK LOCKING DEVICE FOR TRIP LEVER ON THE RIGHT HAND SIDE.
FD-2	FUNNEL FLOOR DRAIN:
	CAST-IRON BODY WITH BOTTOM OUTLET, 6" TYPE E" STRAINER AND 4" NICKEL BRONZE FUNNEL. 3" SIZE UNLESS SPECIFIED OTHERWISE. PROVIDE WITH P-TRAP AND TRAP PRIMER.
FIXTURE:	ZURN Z-415E-P OR EQUAL BY JOSAM, SMITH OR WADE.
FCO	FLOOR CLEANOUT:
	SIZE AS INDICATED ON DRAWINGS OR AS REQUIRED BY CODE.
FIXTURE:	ZURN ZN1400-NH-G-VP OR SMITH 4023-UG FOR CONCRETE, ZN1400-NH-VP OR 4023-U FOR CERAMIC, QUARRY TILE OR VINYL, ZN1400-NH-CF-VP OR 4023-UX FOR CARPET. FOR OTHER FINISHES: AS APPROVED BY ARCHITECT.

Walgreens

Store Planning and Design Development
106 Wilmet Road
Deerfield, IL 60015-5105

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATIONS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I, AN ARCHITECT OR ENGINEER, UNDER THE SEAL AND SIGNATURE OF A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK, AS SIGNIFIED BY MY HAND AND SEAL.

DATE: 1/22/21 EXP.: 9/30/22

LINGLE DESIGN GROUP INC.
158 W. MAIN ST.
LENA, IL 61045
815.369.9155
1764 BLAKE ST.
DENVER, CO 80202
303.974.5873
WWW.LINGLEDESIGN.COM

PLUMBING DETAILS + FIXTURE SCHEDULE			
STORE # 02758		WALGREENS 134 WIDLEY STREET TARRYTOWN, NEW YORK	
PRINT TIME STAMP: 1/22/2021 1:17:00 PM	DRAWN BY: D. LYASKOV	DATE: 01/28/21	REVIEWED: J. THOMAS
P610			