

PLUMBING FIXTURE SCHEDULE / SPEC. 22 00 00 & 22 40 00 / ALL FIXTURES & FITTINGS MUST BE "LEAD FREE"										
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	PIPING REQUIREMENTS			REMARKS	APPROVED MANUFACTURER'S	CODE APPROVALS
					WASTE	VENT	SUPPLY			
H.W.C.	HANDICAP ACCESSIBLE WATER CLOSET (TANK TYPE)	AMERICAN STANDARD	CADET RIGHT HEIGHT BOWL RIM @ 16-1/2" H PRESSURE-ASSISTED TOILET 2467.016	CHURCH 9500CT WHITE OPEN FRONT SEAT COMPLETE W/BOLT CAPS	4"	2"	1/2"	LOW-CONSUMPTION 1.6 GPF MAX. MEETS ADA GUIDELINES	ZURN	ANSI A117.1, ADA COMPLIANT
LAV.	HANDICAP ACCESSIBLE LAVATORY (WALL MOUNTED)	AMERICAN STANDARD	LUCERNE 0355.012 4" CENTERS	ZURN #28737 FLAT GRID SINK/STRAINER, DELTA #501-DST CLASSIC CENTERSET FAUCET, JAY R. SMITH #0700-M31 FLOOR MOUNTED LAVATORY SUPPORTS IN WALL	2"	2"	3/4"	SEE NOTE 2. 1.5 GPM MAX.	ZURN	ANSI A117.1, ASME A112.18.1, ADA COMPLIANT
M.V.	THERMOSTATIC MIXING VALVE	WATTS	#LFMMV-M1-US-1/2"	THERMOSTATIC MIXING VALVE	-	-	1/2"	SEE DETAIL 3/P2 & NOTE #4. 110°F MAX. WATER TEMP.	WILKINS, POWERS	ASSE 1070, IAPMO, ADA COMPLIANT, CUPC, NSF/ANSI 61
H.D.F.	BARRIER-FREE TWO STATION HI-LO DRINKING FOUNTAIN	ELKAY	EZSTL8LC	ACCESSORY APRON #LKAPREZL	2"	2"	1/2"	REFER TO ARCHITECTURAL SHEETS FOR MOUNTING HEIGHTS	HALSEY TAYLOR	ADA COMPLIANT
F.D.	FLOOR DRAIN	ZURN	ZN415-B-P	1/2" TRAP PRIMER CONNECTION	2"	2"	-	COMBINATION WASTE VENT	WADE & JAY R. SMITH	ASSE 1018-B
C.O.	CLEANOUT (INTERIOR)	JAY R. SMITH	410D	W/CARPET CLAMPING RING WHERE REQUIRED	SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN	-
C.O.1	CLEANOUT (EXTERIOR)	JAY R. SMITH	4250	-	SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN	-
W.H.A.	WATER HAMMER ARRESTER	SIoux CHIEF	652-A	-	-	-	-	-	WILLIAMS	-
H.B.	HOSE BIBB	WOODFORD	MODEL 65	W/WALL CLAMP	-	-	3/4"	W/VACUUM BREAKER. OPERATING ROD ASSEMBLY MUST BE ORDERED PER WALL WIDTH.	-	-
M.B.	MOP BASIN	FIAT	FIAT MSB-2424	FIAT #B32-AA HOSE & BRACKET, FIAT #B89-CC-24" MOP HANGER, ZURN #Z842M4-WHK-5H SERVICE FAUCET	3"	2"	3/4"	W/VACUUM BREAKER ON FAUCET. ALSO ADD HOSE CONNECTION VACUUM BREAKER (WATTS #8) ON FAUCET'S SPOUT	STERN-WILLIAMS	-
E.W.	EYE WASH	SPEAKMAN	SEF-9200	SPEAKMAN THERMOSTATIC MIXING VALVE (SEF-TW), SEF-9200-ILR	-	-	3/4"	SET MIXING VALVE TO DELIVER 80degF. NOTE: TEPID WATER RANGE IS 60-100degF.	BRADLEY, HAWS	ASME A112.18.1-2000, CSA B125-98, ANSI Z358-1, ASSE 1011
SRBP	SPILL-RESISTANT BACKFLOW PREVENTER	WATTS	LF008PCQT-1/2"	HEALTH HAZARD, ANTI-SIPHON, SPILL-RESISTANT BACKFLOW PREVENTER	-	-	1/2"	MAY BE INSTALLED VERTICALLY.	-	ASSE 1056
URN.	URINAL (WALL MOUNTED)	ZURN	Z5755-U OMNI-FLO	SLOAN ROYAL #186-1 FLUSH VALVE, ZURN #Z1222 FLOOR MOUNTED URINAL SUPPORT	2"	2"	3/4"	1.0 GPF. BACK OF URINAL TO BE MOUNTED FLUSH WITH THE FACE OF FINISHED WALL. SEE DETAIL 9/P2	AMERICAN STANDARD	ASME A112.19.2, ANSI A117.1, ADA COMPLIANT

- NOTES:
- COORDINATE ROUGH-IN OF ALL PLUMBING FIXTURES W/ARCHITECTURAL DRAWINGS.
 - SINKS & LAVATORIES FOR HANDICAPPED ACCESS SHALL BE INSTALLED W/OFFSET TAILPIECES. ALL SINK & LAVATORY DRAIN & WATER LINES SHALL BE INSULATED W/PROTECTIVE DEVICES EQUAL TO "McGUIRE" #PW 2150 WC, WHITE MOLDED CLOSED CELL VINYL, OR "TRUEBRO" #103W, WHITE MOLDED VINYL.
 - FOR HANDICAPPED-ACCESSIBLE WATER CLOSET, FURNISH & INSTALL W/THE FLUSH HANDLE ON THE WIDE SIDE OF THE RESTROOM.
 - ALL LAVATORIES SHALL BE INSTALLED WITH A THERMOSTATIC MIXING VALVE.

OWNER SUPPLIED, CONTRACTOR INSTALLED

W.H.	WATER HEATER (ELECTRIC)	A.O. SMITH	ENLB-30	(28 GALLONS) 240V, 1φ, 4.5 KW ELEMENT WITH T & P RELIEF VALVE	-	-	3/4"	PIPE DRAIN LINE FROM P & T RELIEF VALVE DOWN IN SHELF PAN. SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	CSA, ASME RATED, NAECA
STAND	WATER HEATER STAND	HOLDRITE	#40-S-24-U	QUICKSTAND SUPPORTS WATER HEATERS UP TO 100 GALLON OR 1200 LBS. 2 SAFETY CLIPS TO BE ATTACHED TO FLOOR	-	-	-	SEE DETAIL 5/P2 & 6/P2	NO SUBSTITUTIONS	UPC & IPC
T.E.A.	THERMAL EXPANSION ABSORBER	AMTROL	ST-12	-	-	-	-	-	NO SUBSTITUTIONS	-

NOTE: WATER HEATER, SHELF AND T.E.A. SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR:

GRAYBAR ELECTRIC CO. INC.
11885 LACKLAND ROAD
ST. LOUIS, MO 63146

GRAYBAR O'REILLY TEAM
EMAIL: oreilly@graybar.com
TOLL FREE: (314) 573-2080

GAS LOAD	
(PIPE SIZING BASED ON INTERNATIONAL FUEL GAS CODE, TABLE 402.4(2))	
ITEM	MBH/INPUT
EX-FURNACE (RTU-1)	100
EX-FURNACE (RTU-2)	100
EX-FURNACE (RTU-3)	100
EX-FURNACE (RTU-4)	100
FURNACE (RTU-5)	100
FURNACE (RTU-6)	100
FURNACE (RTU-7)	100
FURNACE (RTU-8)	100
FURNACE (RTU-9)	100
TOTAL CONNECTED LOAD	900

GAS PIPING SIZED USING LONGEST MAXIMUM RUN OF EQUIVALENT LENGTH OF PIPING = 400'-0"
INLET PRESSURE = 7in W.C. OR 1/4 psig
MAXIMUM PRESSURE DROP = .5 INCH W.C. AND .8 SPECIFIC GRAVITY

PIPING LEGEND	
WS	WATER SERVICE (BELOW GRADE)
HW	HOT WATER
CW	COLD WATER
S	WASTE
S	WASTE (BELOW GRADE)
V	VENT
G	GAS
GS	GAS SERVICE (BELOW GRADE)
WHA	WATER HAMMER ARRESTER, SEE SCHEDULE
F.D.	FLOOR DRAIN, SEE SCHEDULE
C.O.	CLEANOUT (INTERIOR), SEE SCHEDULE
C.O.	CLEANOUT (EXTERIOR), SEE SCHEDULE
⊘	BALL VALVE

PLUMBING DEMO NOTE

CONTRACTOR SHALL REMOVE ALL EXISTING PLUMBING FIXTURES IN EXISTING RESTROOMS AS REQUIRED. CAP WASTE BELOW FLOOR AND REPAIR FLOOR AS REQUIRED. REMOVE SUPPLY BRANCHES BACK TO MAIN SUPPLY.

FIELD VERIFY ANY ADDITIONAL EXISTING PLUMBING STUB-UPS THAT NEED SAWCUT AND CAP. BACKFILL TO FINISHED FLOOR ELEVATION.

CONTRACTOR SHALL REMOVE EXISTING PLUMBING EQUIPMENT NOT IN USE AND ALL ASSOCIATED PIPING COMPLETELY. SEAL ANY EXTERIOR WALL PENETRATIONS.

REFER TO ARCHITECTURAL FLOOR PLAN FOR ADDITIONAL INFORMATION

PLUMBING SCOPE OF WORK

GAS PIPING TO EXISTING HVAC UNITS SHALL REMAIN.

ALL EXISTING HOSE BIBBS SHALL REMAIN.

CONTRACTOR SHALL RE-USE EXISTING GAS PIPING WHERE POSSIBLE. NEW GAS PIPING TO EXISTING GAS PIPING INTO NEW HEADER/MANIFOLD. FIELD VERIFY SIZE AND EXACT LOCATION OF EXISTING GAS PIPING.

NEW RESTROOMS SHALL BE INSTALLED AS SHOWN.

NEW WATER HAMMER ARRESTER SHALL BE TIED INTO EXISTING WATER SERVICE AS SHOWN.

NEW WATER SERVICE TO BE INSTALLED AS SHOWN.

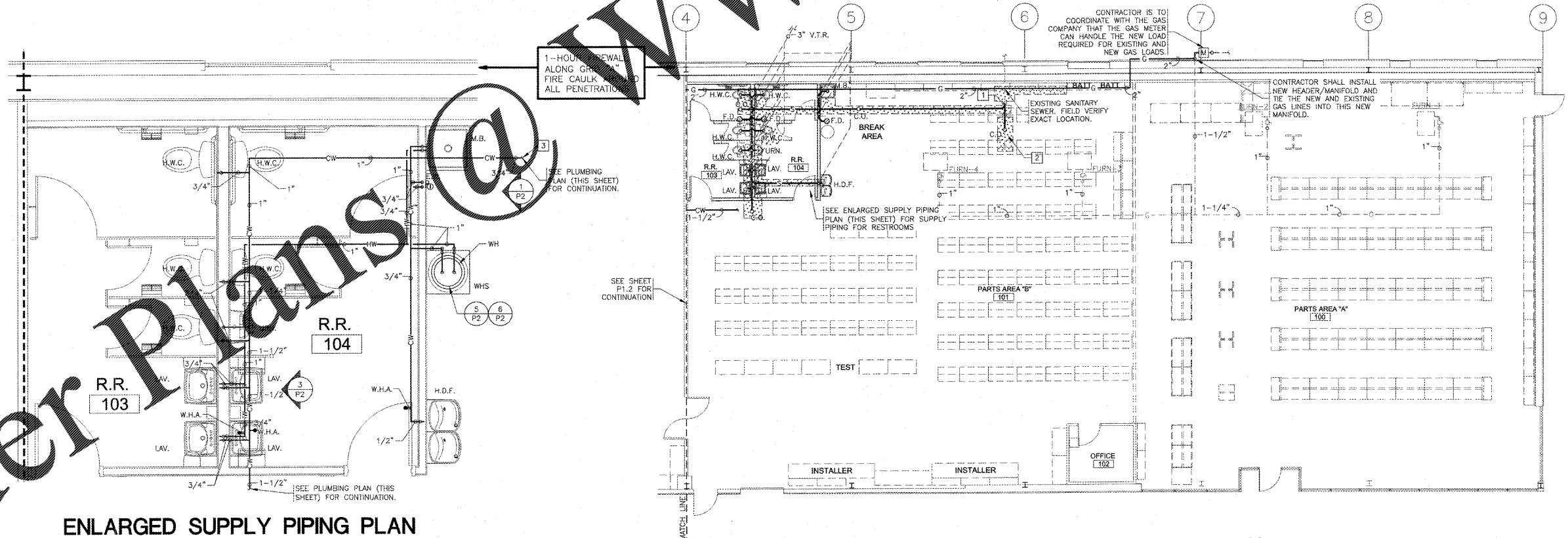
- PLUMBING NOTES**
- CONTRACTOR TO TIE NEW 4" SEWER INTO EXISTING 4" OR LARGER SANITARY SEWER AS REQUIRED. FIELD VERIFY LOCATION AND FLOW DIRECTION.
 - CONTRACTOR TO SAW-CUT FLOOR AND DEMO THE EXISTING WASTE AND VENT PIPING BELOW SLAB AS REQUIRED. KEEP MAIN EXITING THE BUILDING. CAP WATER LINES AS HIGH AS POSSIBLE. FIELD VERIFY LOCATIONS.
 - TIE NEW 3/4" WATER LINE INTO EXISTING WATER LINE TO EXISTING HOSE BIB. F.V. LOCATION. INSTALL NEW WATER LINE AS HIGH AS POSSIBLE.

NOTE: SEE THE APPLICABLE PLUMBING CODE FOR MINIMUM WASTE PIPING SLOPE.

SAWCUT

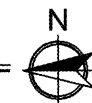
NOTE: REFER TO ARCHITECTURAL FLOOR PLAN FOR ADDITIONAL INFORMATION

NOTE: PLUMBING CONTRACTOR TO REMOVE APPROPRIATE AND NECESSARY SLAB IN THIS AREA. LAYOUT AND TIE THE NEW PLUMBING (AS NEEDED) TO EXISTING MAIN SEWER LINE AND REPAIR SLAB TO MATCH EXISTING ELEVATION AND FINISH.



ENLARGED SUPPLY PIPING PLAN
SCALE: 3/8" = 1'-0"

PARTIAL PLUMBING PLAN
SCALE: 1/8" = 1'-0"



O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2874 TELEPHONE

PROJECT: **NEW O'REILLY AUTO PARTS STORE**
2730 HIGHWAY 80 EAST
PEARL, MISSISSIPPI

PARTIAL PLUMBING PLAN

3085 S. JEFFERSON AVE.
SPRINGFIELD, MO 65807
P: 417-882-2300
WWW.BARTHOLOMEW.COM



DRAWN BY: **RM** CHECKED BY: **NEG**
DATE: **05/11/18**
REVISION:

PROJECT NUMBER: **PEA-0994**

SHEET NUMBER: **P1.1**

Order Plans