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MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



LOCKER ROOM
ADDITION
MOORE WEST
JUNIOR HIGH SCHOOL

sheet no:

P601

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Salas O'Brien
2600 Van Buren St., Suite 2635
Norman, OK 73072
Salas O'Brien Registration: CA# 7058
Expiration Date: 6/30/2025
Salas O'Brien Project Number: 2023-04636-00

PLUMBING FIXTURE SCHEDULE										
MARK	FIXTURE	MANUFACTURER	MODEL	MOUNT	ROUGH-IN SCHEDULE				FITTINGS AND REMARKS	
					COLD	HOT	WASTE	VENT		
L-1	LAVATORY ADA	AMERICAN STANDARD	0355.012	WALL	1/2"	1/2"	1 1/2"	1 1/2"	COLOR WHITE. PROVIDE CHICAGO FAUCET 420-CP FAUCET. PROVIDE MCGUIRE HD155W OFFSET STRAINER, 8902C P-TRAP, & LFBY2165CC SUPPLY STOPS. TRUEBRO LAV GUARD 2 PIPE COVERS. WADE CARRIER S20-08. REFER TO ARCHITECT'S PLANS FOR MOUNTING HEIGHT AND WALL TYPE. ADA INSTALLATION.	
WC-1	WATER CLOSET ADA	AMERICAN STANDARD	2257.101	WALL	1 1/4"	-	4"	-	COLOR WHITE. PROVIDE SLOAN ROYAL 111-1.6 SFSM BATTERY OPERATED FLUSH VALVE. PROVIDE BEIMS 1655SSOT OPEN FRONT ELONGATED SEAT. EXTERNAL CHECK HINGE, COLOR WHITE. WADE WALL CARRIER. REFER TO ARCHITECT'S PLANS FOR HEIGHT AND WALL TYPE. ADA INSTALLATION.	
UR-1	URINAL ADA	AMERICAN STANDARD	6590.001	WALL	1"	-	2"	1 1/2"	COLOR WHITE. PROVIDE SLOAN ROYAL 186-0.5 SFSM BATTERY OPERATED FLUSH VALVE. WADE WALL SUPPORT CARRIER. REFER TO ARCHITECT'S PLANS FOR MOUNTING HEIGHT AND WALL TYPE. ADA INSTALLATION.	
SH-1	SHOWER ADA	BRADLEY	SEE REMARKS	WALL	1/2"	1/2"	2"	-	SHOWER ENCLOSURE, BY OTHERS. PROVIDE BRADLEY SHOWER SYSTEM 10-HD-B-A24-DV WITH SHOWER VALVE, DIVERTER VALVE, SHOWER HEAD, HAND WAND WITH BRACKET, 60" HOSE, 24" SLIDE BAR & VACUUM BREAKER. PROVIDE WADE FLOOR DRAIN. COORDINATE TRIM & DRAIN LOCATIONS WITH GC. ADA INSTALLATION.	
EW-1	ELECTRIC WATER COOLER DUPL	ELKAY	LZSTL8WSVRSK	WALL	1/2"	-	1 1/2"	1 1/2"	DUAL LEVEL VANDAL-RESISTANT WITH PUSH BUTTON ACTIVATION, SENSOR WATER BOTTLE FILLING STATION ON LOWER UNIT, FILTERED, 120 VOLT. PROVIDE ELKAY CANE APRON LKAPPEZL ON UPPER UNIT. PROVIDE PVC P-TRAP AND 1/4 TURN SUPPLY STOP. REFER TO ARCHITECT'S PLANS FOR MOUNTING HEIGHT & WALL TYPE. ADA INSTALLATION.	
FD	FLOOR DRAIN	WADE	1100-DA6-1	FLOOR	-	-	SEE PLANS	-	6" ROUND NICKEL BRONZE STRAINER, CAST IRON BODY ANCHOR FLANGE, CLAMP COLLAR, ADJUSTABLE COLLAR, ADJUSTABLE STRAINER HEIGHT, VANDAL-PROOF SECURED TOP, 1/2" TRAP PRIMER CONNECTION.	
FS-1	FLOOR SINK	WADE	9110-64-15-24-27	FLOOR	-	-	3"	-	8"x8" TOP, 6" DEEP, CAST IRON BODY WITH WHITE A.R.E INTERIOR, 1/2 GRATE, SEDIMENT BUCKET, ANCHOR FLANGE.	
FCO	FLOOR CLEANOUT	WADE	6000-1-VP-75	FLOOR	-	-	SEE PLANS	-	ADJUSTABLE, CAST IRON BODY, ANCHOR FLANGE, MEDIUM DUTY SCORRIATED ROUND TOP WITH NICKEL BRONZE FINISH, VANDAL RESISTANT COVER SCREWS, BRASS PLUG.	
WCO	WALL CLEANOUT	WADE	8560-75 8304-85-VP	WALL	-	-	SEE PLANS	-	CAST IRON CLEANOUT TEE, THREADED BRASS PLUG, PROVIDE 8304-85-VP STAINLESS STEEL 6" ROUND ACCESS COVER WITH VANDAL RESISTANT SECURING SCREW.	
ECO	EXTERIOR CLEANOUT	WADE	8401-COF4-VP	GRADE	-	-	SEE PLANS	-	CAST IRON CLEANOUT ACCESS HOUSING, ANCHOR FLANGE, SECURED GASKETED COVER WITH CLEANOUT FERRULE WITH BRASS PLUG, VANDAL PROOF SCREWS.	
BWV	BACKWATER VALVE (SANITARY)	RECTORSEAL	97034	GRADE	-	-	4"	-	PVC BODY, FLAPPER WITH EXTENSION AND CAP. PROVIDE PVC SLEEVE TO FLUSH WITH FINISH GRADE. FIELD VERIFY DEPTH OF ACCESS HOUSING. ASSEMBLY MEETS IPC CODES. SEE DETAIL SHEET P501.	
HA-1	HAMMER ARRESTOR	WATTS	LF15M2	PIPE	VARIES	-	-	-	LEAD-FREE DESIGN, PDI WH201 LISTED, MAINTENANCE FREE, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	
TP-1	TRAP PRIMER	SIoux CHIEF	695-ES01	PIPE	1/2"	-	-	-	ELECTRONIC UNIT WITH 24 HOUR ELECTRIC TIMER, SOLENOID VALVE, INTEGRAL BALL VALVE, WATER HAMMER ARRESTOR & AIR GAP, 1/2" CW INLET & OUTLET, 120V POWER HARD-WIRED. PROVIDE STRAINER PRIOR TO UNIT. COORDINATE 120 VOLT POWER WITH EC. PROVIDE DISTRIBUTION SPLITTER. SEE DETAIL 1/P501.	
TMV-1	THERMOSTATIC MIXING VALVE	WATTS	LFMMV-M1	BELOW FIXTURE	1/2"	1/2"	-	-	LEAD FREE MIXING VALVE WITH ADJUSTABLE TEMPERATURE SET-POINT & LOCKABLE, INTEGRAL CHECK STOPS & STRAINERS, 1/2" INLETS & OUTLET. SET OUTLET TEMP AT 105 DEGREES F. ASSE 1070 LISTED.	
AP-1	ACCESS PANEL	ACUDOR	UF-5000 14x14 CLSS	WALL	-	-	-	-	14"x14" STEEL, 16 GAGE DOOR & FRAME, 18 GAGE MOUNTING FRAME. CONCEALED HINGE, CYLINDER LOCK & KEY, STAINLESS STEEL FINISH. CONCEALED FASTENING POINTS.	
FWH	FREEZELESS WALL HYDRANT	WOODFORD	B65	WALL	3/4"	-	-	-	CONCEALED BOX TYPE WITH HINGED DOOR, CHROME FINISH, ASSE STANDARD 1019, INSTALL AT MINIMUM 18" ABOVE GRADE, GIVE HYDRANT KEY TO OWNER.	

GAS WATER HEATER SCHEDULE									
MARK	LOCATION	TEMPERATURE RISE	FLOW RATE GAL/MIN	CAPACITY (GALLONS)	MBH INPUT MAX	AIR INTAKE	FLUE EXHAUST	MANUFACTURER & MODEL NO.	NOTES
WH-1	MECH/ELEC ROOM 15	(50°F - 120°F) 70°F	5	TANKLESS	199.9	2"	2"	NAVIEN NPE-2405	ALL

NOTES:
1. INSTALL AND VENT PER MANUFACTURER'S RECOMMENDATIONS.
2. COORDINATE POWER SUPPLY WITH ELECTRICAL CONTRACTOR. POWER SUPPLY TO UNIT 120V, 2 AMP (GFCI OUTLET).
3. PROVIDE AMTROL ST-5 THERMAL EXPANSION TANK ON COLD WATER LINE. REFER TO DETAILS SHEET P501.
4. PROVIDE CLEAR WATER ENVIRO TECHNOLOGIES SCALEBLASTER MODEL SB-250 ELECTRONIC DESCALER. COORDINATE 120 VOLT OUTLETS WITH EC.
5. PROVIDE CIRCULATION PUMP WIRING FROM WATER HEATER. COORDINATE POWER CONNECTIONS WITH EC.
6. PROVIDE NAVIEN CONDENSATE NEUTRALIZER KIT AND OVERFLOW BY-PASS PIPING TO FLOOR SINK PER MANUFACTURER'S RECOMMENDATIONS.
7. PROVIDE NAVIEN EXHAUST/INTAKE CONCENTRIC VENT KIT THRU ROOF.
8. SEE DETAILS SHEET P501 FOR MORE INFORMATION.

CIRCULATION PUMP SCHEDULE									
MARK	MAXIMUM WORKING PRESSURE	MAXIMUM OPERATING TEMP (°F)	MOTOR				FLANGE SIZE (INCHES)	MATERIAL	MANUFACTURER & MODEL NO.
			ELECTRICAL CHAR	F.L. AMPS	HP	RPM			
CP-1	150 PSI	225	115/60/1	3.5	1/6	3300	3/4"	S.S.	GRUNDFOS UPS 26-150 SF

NOTES:
1. PROVIDE GRUNDFOS BRONZE 3/4" FLANGE SET.
2. DATA: 3 GPM AT 30 FEET HEAD.
3. PROVIDE 24 HOUR TIMER AND AQUISTAT - SET TIMER PER OWNER'S REQUIREMENTS.
4. COORDINATE WIRING WITH E.C.
5. SEE DETAIL SHEET P501 FOR MORE INFORMATION.

GAS LOAD TABLE					
MARK	INPUT (MBH)	REQUIRED PRESSURE	REQUIRED REGULATOR	SYSTEM PRESSURE	NOTES
UH-1	30	7"	NONE	LOW	1,2,3
UH-2	30	7"	NONE	LOW	1,2,3
UH-3	30	7"	NONE	LOW	1,2,3
UH-4	30	7"	NONE	LOW	1,2,3
UH-5	30	7"	NONE	LOW	1,2,3
WH-1	199.9	7"	NONE	LOW	1,4
TOTAL LOAD	350 MBH				

NOTES:
1. INSTALL AND VENT REGULATOR PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE VENT LIMITING DEVICE IF REQUIRED FOR INDOOR REGULATORS EQUIPPED WITH INTEGRAL VENT LIMITING ORIFICE MAXITROL MODEL 12A09.
3. COORDINATE WITH MECHANICAL CONTRACTOR FOR EQUIPMENT LOCATIONS AND REQUIRED CONNECTION.
4. PROVIDE VENT LIMITING DEVICE IF REQUIRED FOR INDOOR REGULATORS EQUIPPED WITH INTEGRAL VENT LIMITING ORIFICE MODEL 12A39.