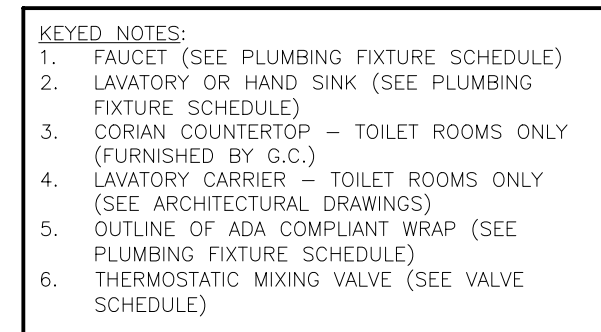
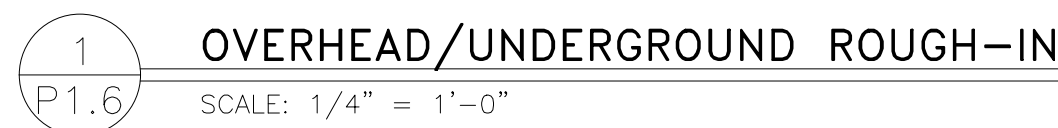


DRAWING NOTES		KEYED NOTES			
1.	ALL EXISTING PIPING LOCATIONS AND SIZES SHALL BE FIELD VERIFIED PRIOR TO BEGINNING WORK.	P1	EXISTING WATER CLOSET TO BE REMOVED AND NEW WATER CLOSET TO BE INSTALLED IN SLIGHTLY DIFFERENT LOCATION. CONNECT 1 1/2" DOMESTIC COLD WATER, 3" SANITARY, AND 2" VENT PIPING TO EXISTING COLD WATER, SANITARY WASTE, AND VENT BUILDING LINES. FIELD VERIFY EXACT LOCATIONS AND EXISTING CONDITIONS.	P6	CONNECT NEW 3" GREASE WASTE, 2" VENT LINE, 3/4" HOT AND COLD WATER FOR THE NEW FLOOR SINK TO EXISTING BUILDING GREASE WASTE, VENT , HOT AND COLD BUILDING LINES. FIELD VERIFY EXACT LOCATIONS.
2.	PIPING ROUTES ARE GENERAL AND MAY VARY DUE TO FIELD CONDITIONS. COORDINATE ALL PIPE ROUTES WITH OTHER TRADES.	P2	EXISTING LAVATORY TO BE REMOVED AND NEW LAVATORY TO BE INSTALLED. CONNECT 1/2" DOMESTIC HOT & COLD WATER, 2" SANITARY, AND 1-1/2" VENT PIPING TO EXISTING HOT AND COLD WATER, SANITARY WASTE, AND VENT BUILDING LINES. FIELD VERIFY EXACT LOCATIONS. LINES INSIDE BUILDING SHALL BE COPPER.	P7	PROPERLY SEAL ALL PIPE PENETRATIONS THROUGH DRAFT STOP WALL (TYP.)
3.	ALL WATER DISTRIBUTION PIPING SHALL BE INSULATED. INSULATION NOT SHOWN FOR CLARITY. SEE PLUMBING NOTES FOR INSULATION REQUIREMENTS.	P3	ALL PIPING UNDER LAVATORIES AND HAND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT, PER ADA REQUIREMENT.(TYP)	P8	CAP AIR TIGHT ANY REMOVED OR RELOCATED PLUMBING FIXTURE'S WATER, WASTE AND VENT LINES. ALL OTHER EXISTING WATER, WASTE, AND VENT LINES TO EXISTING FIXTURES TO REMAIN AS IS. FIELD VERIFY EXISTING CONDITIONS.
4.	SEE DRAWING P4.0 FOR PLUMBING SCHEDULE, LEGEND AND ABBREVIATIONS.	P4	SEE DETAIL 1 ON DRAWING P1.6 FOR MIXING VALVE INSTALLATION DETAILS.	P9	RELOCATE EXISTING FLOOR DRAINS AS REQUIRED. REPLACE WITH NEW IF NECESSARY. CONTRACTOR TO FIELD VERIFY EXISTING LOCATION.
5.	VERIFY EXISTING WATER HEATER CAPACITY AND RECOVERY RATE WHEN A NEW UPRIGHT WAREWASHER WILL BE INSTALLED, TO MEET HOT WATER DEMAND. A NEW 199 MBH (GAS) OR 54 KW (ELEC.) WATER HEATER MAY BE NECESSARY. SEE PROTOTYPICAL WATER HEATER SCHEDULE ON SHEET P4.0	P5	EXISTING URINAL TO BE REMOVED AND NEW URINAL TO BE INSTALLED. CONNECT 1" DOMESTIC COLD WATER, 2" SANITARY, AND 1-1/2" VENT PIPING TO EXISTING COLD WATER, SANITARY WASTE, AND VENT BUILDING LINES. FIELD VERIFY EXACT LOCATIONS AND EXISTING CONDITIONS.	P10	CONNECT NEW GREASE WASTE AND VENT LINES FOR THE NEW FLOOR SINK AS SHOWN TO EXISTING BUILDING GREASE WASTE AND VENT LINES. FIELD VERIFY EXACT LOCATIONS.
				P11	EXISTING HAND SINK TO BE REMOVED OR RELOCATED TO THE NEW LOCATION SHOWN. CONNECT 1/2" DOMESTIC HOT & COLD WATER, 2" SANITARY, AND 1-1/2" VENT PIPING TO EXISTING HOT AND COLD WATER, SANITARY WASTE, AND VENT BUILDING LINES. FIELD VERIFY EXACT LOCATIONS. LINES INSIDE BUILDING SHALL BE COPPER.





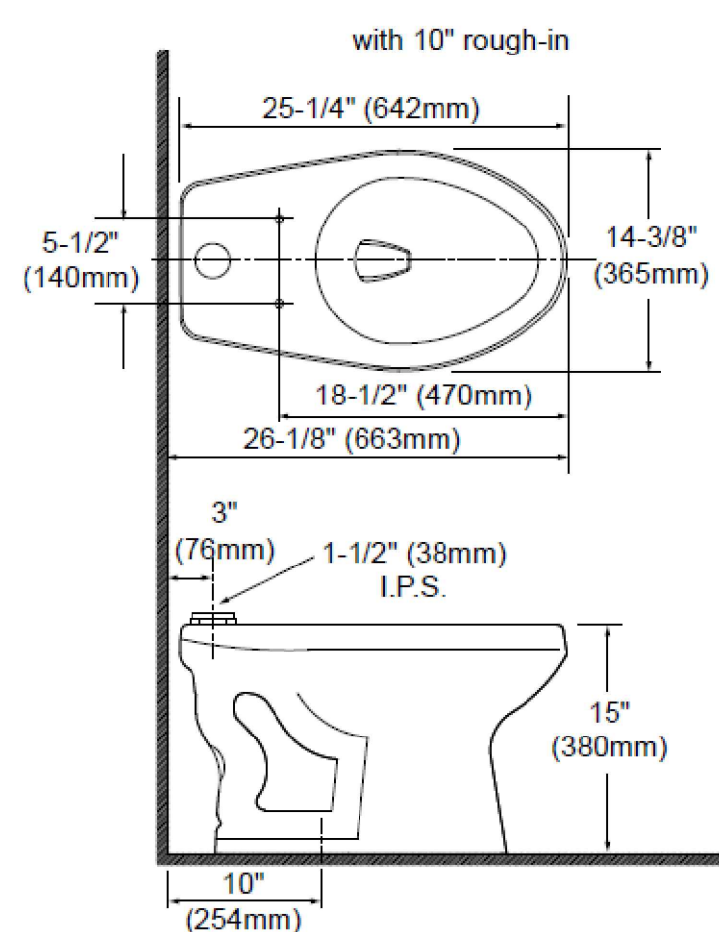
DETAIL

LAVATORY (OR HAND SINK)

SCALE:  $\frac{1}{2}$ " = 1'-0"

2

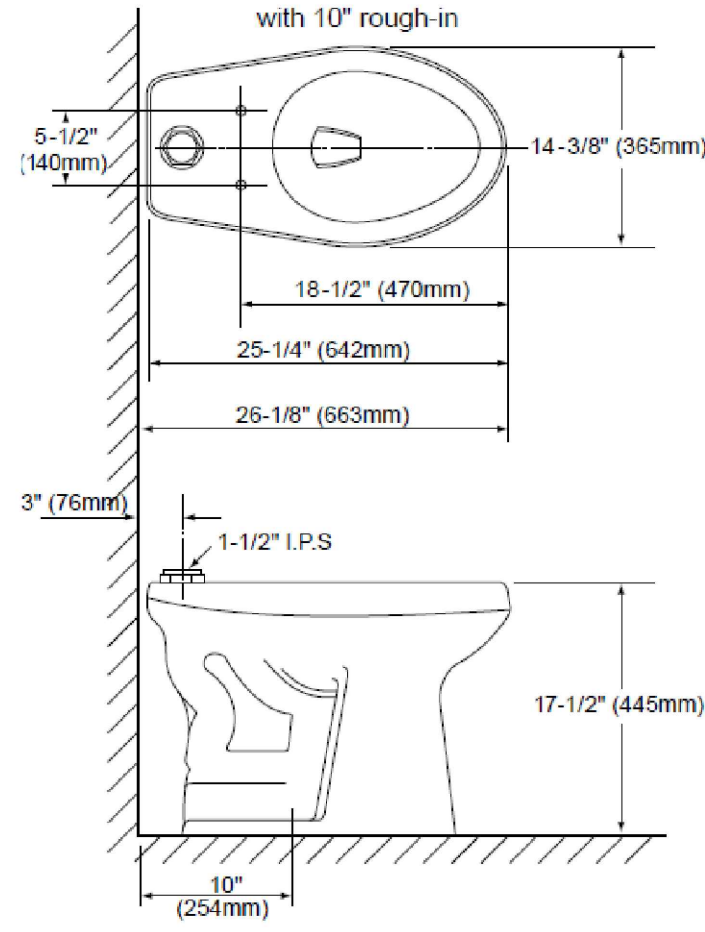
P1.6



DETAIL

WATER CLOSET MOUNTING ROUGH-INS. (WC-2)  
TOTO, MODEL# CT705EN  
SCALE: NONE

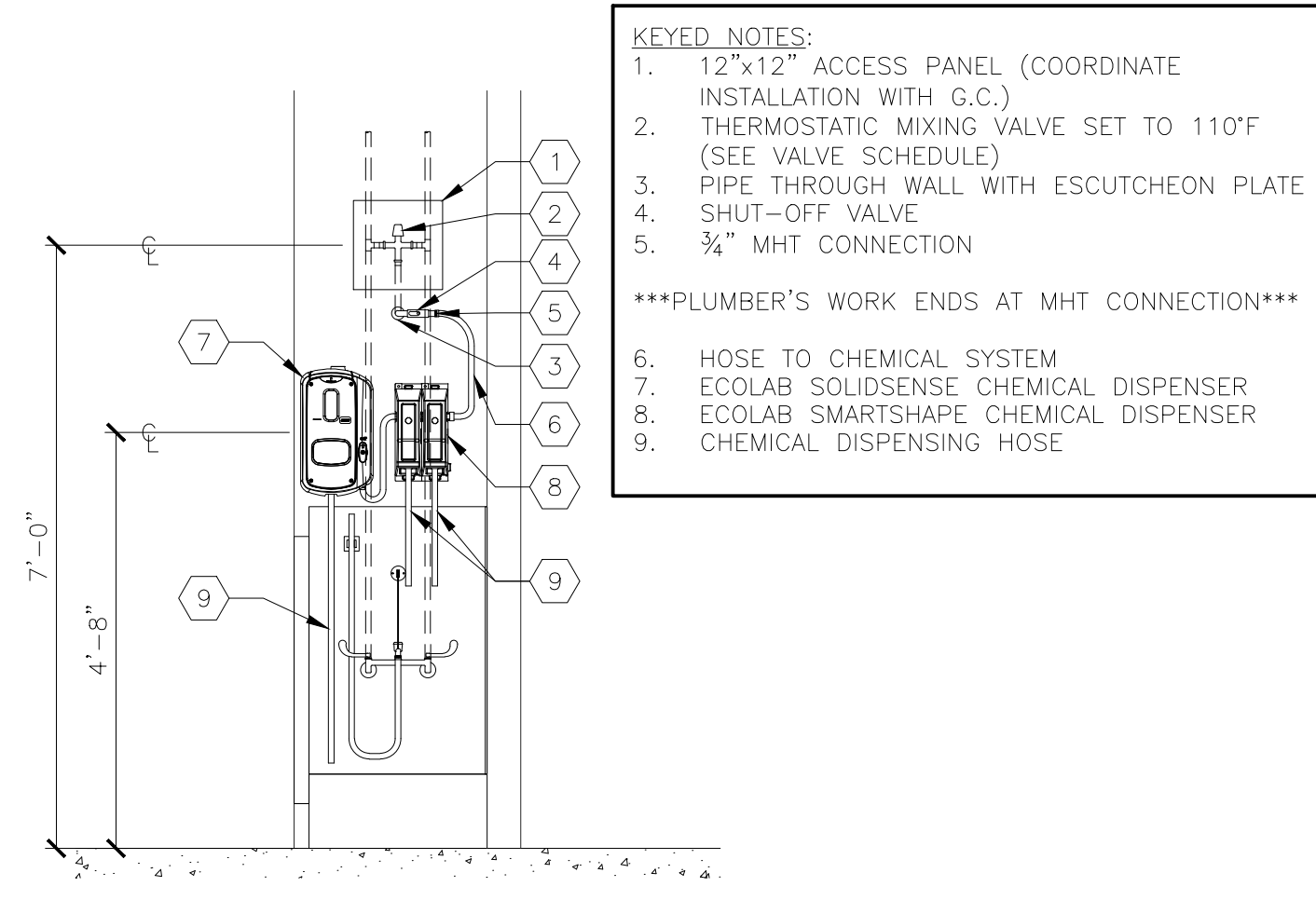
3  
P1.6



DETAIL

WATER CLOSET MOUNTING ROUGH-INS. (WC-1)  
TOTO, MODEL# CT705ELN  
SCALE: NONE

4  
P1.6

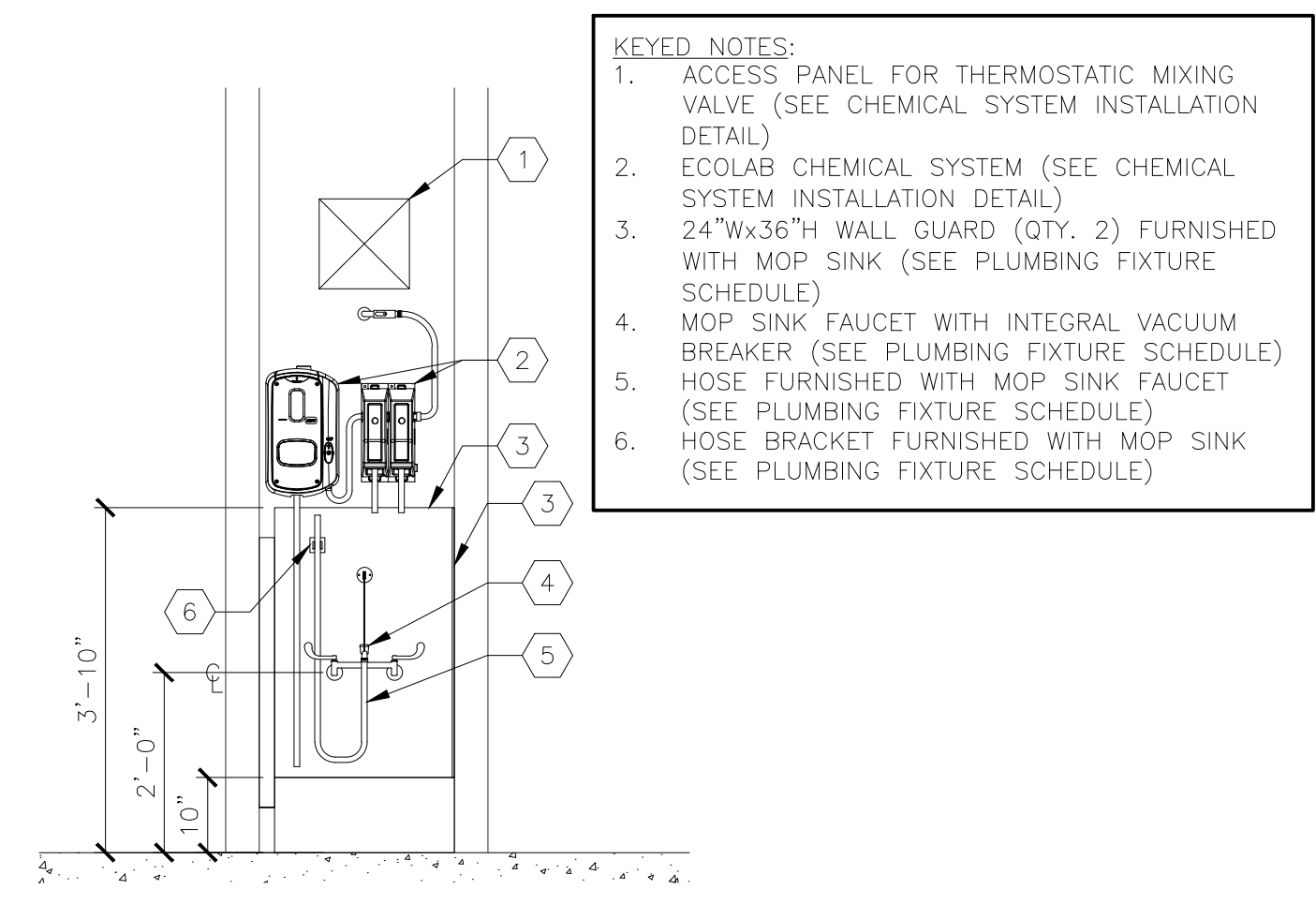


DETAIL

CHEMICAL SYSTEM INSTALLATION

SCALE:  $\frac{1}{2}''=1'-0''$

5  
P1.6

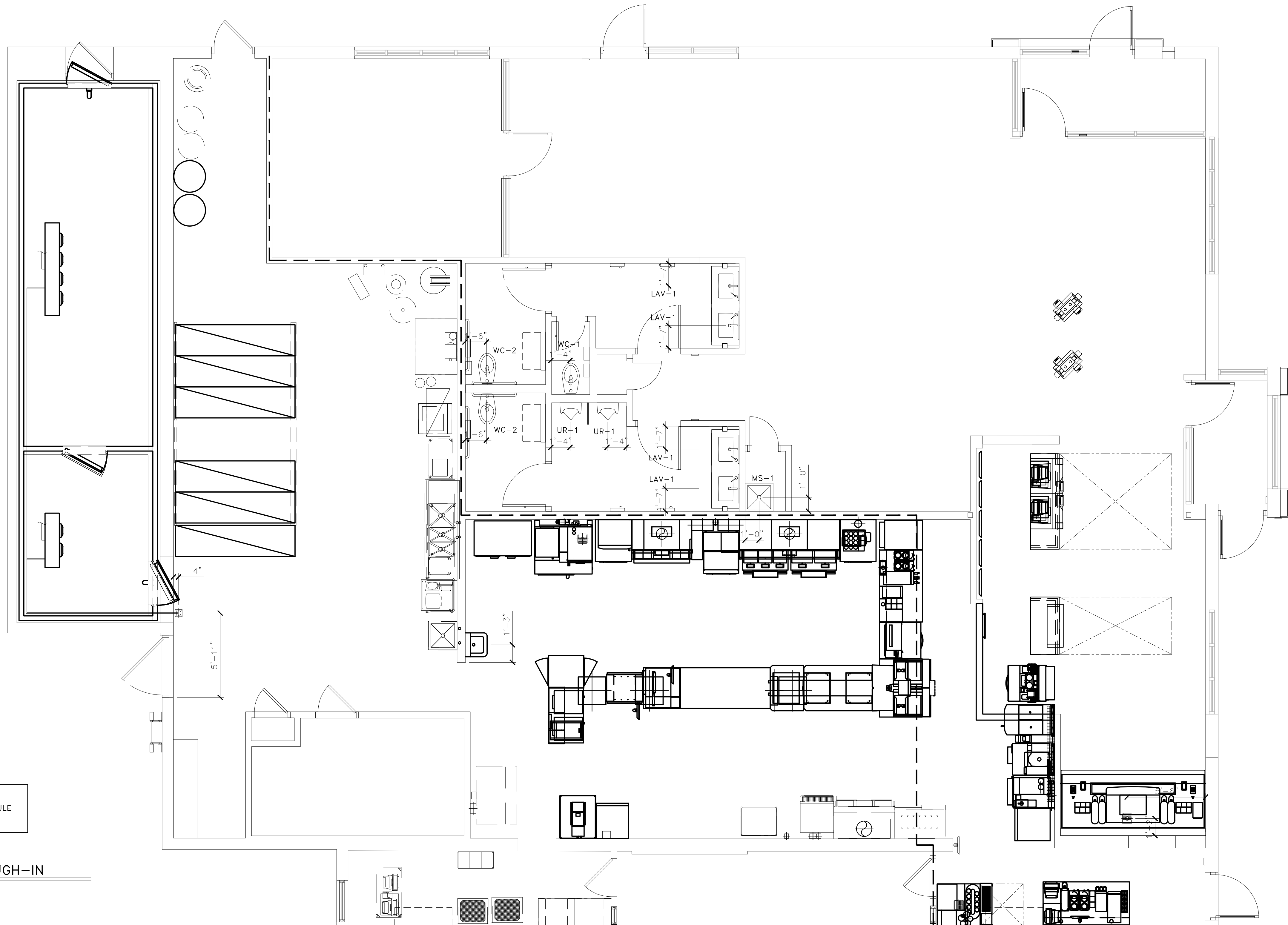


DETAIL

MOP SINK  
SCALE:  $\frac{1}{2}" = 1'-0"$

6  
P3.0

NOTE:  
SEE SHEET P4.0 FOR PLUMBING FIXTURE SCHEDULE  
AND DETAILS.



SHEET NO.	TITLE	DRAWN BY
	MRP PROGRAM CORE 16 2.0	TP
P1.6	DESCRIPTION	STD ISSUE DATE
	EXISTING MASONRY WALL CONSTRUCTION EXISTING WOOD ROOF TRUSSES TILE ARCADES — FRONT, ENTRY	MAY 2018
OVERHEAD/UNDERGROUND ROUGH-IN	DATE ISSUED	REVIEWED BY
	10/12/18	D.LEIFFER
	CITY	C.S.G. PROJECT #
	815 EASTLAND DRIVE	MCD-24772
	JEFFERSON CITY, MO 65101	

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PREPARED BY:

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ENGINEER OF RECORD:

STATE OF MISSOURI  
DAVID MICHAEL  
LICENSE  
NUMBER  
PE-291340214

15-19

[illegible]



## NOTES:

3. THIS SCHEDULE IS INTENDED AS A GUIDE FOR THE WORK TO BE PERFORMED. ALL WORK SHALL BE COORDINATED BETWEEN THE McDONALD'S AREA CONSTRUCTION MANAGER AND ALL GC AND O/O SUBCONTRACTORS.
4. ONE (1) COPY OF THE DECOR PACKAGE DRAWINGS SHALL BE SUPPLIED TO THE GENERAL CONTRACTOR AND EACH OF THE SUBCONTRACTORS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO INSURE THAT THEY HAVE RECEIVED THE DECOR PACKAGE DRAWINGS.
5. FOR ANY WORK NOT CLARIFIED IN THIS SCHEDULE OR IN THE NOTES AND SPECIFICATIONS, PLEASE CONSULT THE McDONALD'S AREA CONSTRUCTION MANAGER FOR SCOPE OF WORK.
6. ALL ROOFTOP UNIT EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR AND THE KITCHEN EQUIPMENT SUPPLIER SHALL BE ON SITE AT THE SAME TIME FOR A SINGLE CRANE LIFT. EQUIPMENT SITE ARRIVAL DATE SHALL BE COORDINATED BETWEEN THE AREA CONSTRUCTION MANAGER, MECHANICAL CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER.
7. ALL ROOFTOP UNITS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY EQUIPMENT. THE INSTALLATION OF STANDARD EFFICIENCY ROOFTOP UNITS IS PROHIBITED.
8. ALL KITCHEN EQUIPMENT REQUIRING EXHAUST SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE REPORTED TO THE AREA CONSTRUCTION MANAGER AND THE ENGINEER-OF-RECORD.
9. WHERE GYPSUM BOARD CEILINGS ARE INSTALLED, THE MECHANICAL CONTRACTOR SHALL SUPPLY DRYWALL MOUNTING FRAMES FOR LAY-IN TYPE DIFFUSERS AND FACE-ACCESSIBLE VOLUME DAMPERS TO FACILITATE AIR BALANCING.
10. NOT USED.
11. NOT USED.
12. THE BEVERAGE SYSTEM INSTALLER FURNISHES, RUNS AND CONNECTS ALL FLEXIBLE WATER AND SYRUP LINES FOR ALL AFFECTED EQUIPMENT INCLUDING THE FOLLOWING:
  - A. HOT CHOCOLATE
  - B. COFFEE BREWER
  - C. ICE MACHINE
  - D. O.J.
  - E. SODA TOWERS
13. ALL WATER HEATERS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY SEALED-COMBUSTION WATER HEATERS. THE INSTALLATION OF STANDARD EFFICIENCY GRAVITY-VENTED WATER HEATERS IS PROHIBITED.
14. THE AREA CONSTRUCTION MANAGER, PLUMBING CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER SHALL COORDINATE WHICH 3-COMPARTMENT SINK IS BEING INSTALLED IN THE RESTAURANT. NOTE: THE

[illegible]

GENERAL:

1. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL LOCAL CODES AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
2. ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBER.
3. ALL DIMENSIONS, CLEARANCES AND TOLERANCES SHALL BE VERIFIED PRIOR TO INSTALLATION. ALL ROUGH-IN LOCATIONS SHALL BE COORDINATED WITH THE MANUFACTURER'S SUBMITTAL INFORMATION.
4. ALL DIMENSIONAL INFORMATION IS AS FOLLOWS (UNLESS NOTED OTHERWISE):
  - A. UNDERGROUND PIPE IS TO FOUNDATION
  - B. OVERHEAD PIPE IS TO FINISHED WALL
  - C. ELEVATIONS ARE TO FINISHED FLOOR
5. ALL MATERIALS, FIXTURES AND EQUIPMENT USED SHALL BE IN ACCORDANCE WITH McDONALD'S SPECIFICATIONS. SPECIFICATIONS ARE CONTAINED WITHIN THESE DRAWINGS AND THE McDONALD'S PROJECT MANUAL. ANY CONTRACTOR DESIRING A COPY OF THE McDONALD'S PROJECT MANUAL, SHALL CONTACT THE McDONALD'S AREA CONSTRUCTION MANAGER. ANY VARIANCE FROM THE McDONALD'S SPECIFICATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER-OF-RECORD.
6. SEE COORDINATION SCHEDULE FOR ADDITIONAL SCOPE OF WORK.
7. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
8. WHERE POOR SOIL CONDITIONS EXIST OR WHERE SUBSTANTIAL SETTLEMENT OF EITHER THE PIPING, THE BUILDING OR ADJACENT WALKS, PLANTERS, ETC., MAY OCCUR, THE CONTRACTOR SHALL PROVIDE ADEQUATE UNDERSLAB STAINLESS STEEL PIPE HANGERS OR APPROVED OTHER SUPPORT.
9. ALL PIPE SLEEVES SHALL BE PROPERLY SEALED AND INSULATED TO PREVENT HEAT LOSS AND SEEPAGE.
10. ALL PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE FROM PIPE HANGERS. PROTECTION SHALL BE LIGHT GAUGE GALVANIZED STEEL OR EQUAL.
11. ALL PENETRATIONS OF FIRE-RATED WALLS SHALL BE FIRESTOPPED WITH AN APPROVED AND LISTED FIRESTOPPING SYSTEM.

### SANITARY AND VENT SYSTEMS:

1. THE BUILDING SANITARY PIPE SHALL BE LOCATED A MINIMUM OF 5 FT. FROM THE INCOMING WATER SERVICE, WHERE A 5 FT. SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATER SERVICE PIPE SHALL BE A MINIMUM OF 12 IN. ABOVE THE TOP OF THE HIGHEST POINT OF THE SANITARY PIPE.
2. ALL SANITARY AND VENT PIPE SHALL BE PVC TYPE DWV, ABS OR CAST-IRON WHEN REQUIRED BY CODE.
3. ALL HORIZONTAL SANITARY PIPE SHALL BE INSTALLED WITH A MINIMUM PITCH AS FOLLOWS:

PIPE SIZE	MIN. SLOPE
2½" OR LESS	¼" PER FT.
3" TO 6"	⅜" PER FT.
8" OR LARGER	⅞" PER FT.
4. CLEANOUTS SHALL BE INSTALLED IN ALL HORIZONTAL DRAINAGE PIPE AND SHALL BE LOCATED NOT MORE THAN 100 FT. APART.
5. CLEANOUTS SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION GREATER THAN 45 DEGREES, WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A SINGLE PIPE RUN, ONLY ONE (1) CLEANOUT SHALL BE REQUIRED FOR EVERY 40 FEET OF DEVELOPED LENGTH.
6. CLEANOUTS SHALL BE INSTALLED ON PIPES PRIOR TO ANY SLAB PENETRATION.
7. WHERE PIPING IS LOCATED WITHIN WALL CAVITIES, ACCESS TO THE CLEANOUTS SHALL BE PROVIDED.
8. CLEANOUTS ON 6-IN. AND SMALLER PIPES SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 18 IN. CLEANOUTS ON 8-IN. AND LARGER PIPE SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 36 IN.
9. ALL SUSPENDED SANITARY AND VENT PIPE SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
ABS	4 FT.	10 FT.
PVC (TYPE DWV)	4 FT.	10 FT.
CAST-IRON (<10 FT. PIPE SECTIONS)	5 FT.	15 FT.
CAST-IRON (10 FT. PIPE SECTIONS)	10 FT.	15 FT.

10. ALL PLUMBING FIXTURES SHALL BE VENTED AND THE MAXIMUM DISTANCE FROM THE FIXTURE TRAP TO THE VENT SHALL BE AS FOLLOWS:
- | TRAP SIZE   | SLOPE      | DISTANCE |
|-------------|------------|----------|
| 1¼"         | ¼" PER FT. | 2'-6"    |
| 1½"         | ¼" PER FT. | 3'-6"    |
| 2"          | ¼" PER FT. | 5'-0"    |
| 3"          | ⅝" PER FT. | 6'-0"    |
| 4" & LARGER | ⅝" PER FT. | 10'-0"   |
11. ALL PLUMBING VENTS THROUGH THE ROOF SHALL TERMINATE A MINIMUM OF 12 INCHES ABOVE THE ROOF AND SHALL BE LOCATED A MINIMUM OF 8 FT. FROM ANY PARAPET WALL. WHERE A VENT TERMINATES WITHIN 8 FT. OF A PARAPET WALL, THE VENT SHALL TERMINATE A MINIMUM OF 6 INCHES ABOVE THE PARAPET.
12. ALL PLUMBING VENTS SHALL TERMINATE A MINIMUM OF 10 FT. HORIZONTALLY FROM ANY OUTDOOR AIR INTAKE. WHERE A PLUMBING VENT IS LOCATED WITHIN 10 FT. OF AN INTAKE, THE VENT SHALL TERMINATE A MINIMUM OF 2 FT. ABOVE THE INTAKE.
13. ALL SIDE WALL VENT TERMINATIONS SHALL BE PROTECTED TO PREVENT BIRDS OR RODENTS FROM ENTERING OR BLOCKING THE VENT OPENING.
14. ALL FLOOR DRAINS THAT DO NOT SERVE EQUIPMENT SHALL BE PROTECTED AGAINST DRYING OUT EITHER THROUGH THE INSTALLATION OF A TRAP PRIMER, DEEP SEAL TRAP OR PROSET TRAP GUARD.
15. ALL APPLIANCES SHALL TERMINATE ON AN APPROVED SANITARY WASTE RECEPTOR (FLOOR SINK OR DRAIN DRAIN WITH FUNNEL). INDIRECT DRAINAGE FROM AN APPLIANCE SHALL MAINTAIN AN AIR GAP BETWEEN THE PIPE OUTLET AND THE TOP OF THE RECEPTOR. THE MINIMUM DISTANCE BETWEEN THE PIPE OUTLET AND THE TOP OF THE RECEPTOR SHALL BE TWICE THE DIAMETER OF THE APPLIANCE DRAIN PIPE.

GREASE INTERCEPTORS:

1. SEE SITE PLAN FOR THE SIZE AND LOCATION OF THE GREASE INTERCEPTOR.
2. THE GREASE INTERCEPTOR SHALL BE INSTALLED IN A LOCATION THAT IS ACCESSIBLE FOR PUMPING.
3. THE GREASE INTERCEPTOR SHALL BE CONSTRUCTED OF FIBERGLASS OR PRECAST CONCRETE. GREASE INTERCEPTOR CONSTRUCTION SHALL CONFORM TO ALL LOCAL CODES.
4. PRECAST CONCRETE INTERCEPTORS SHALL BE CAPABLE OF 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, SHALL BE REINFORCED WITH BAR OR WIRE MESH AND SHALL BE COATED WITH A MINIMUM OF TWO (2) LAYERS OF NOVOLAC EPOXY ON THE INTERIOR. NOVOLAC EPOXY SHALL BE SHERWIN-WILLIAMS NOVA-PLATE UHS (OR EQUIV.).

3. THE GREASE INTERCEPTOR SHALL BE VENTED IN ACCORDANCE WITH THE LOCAL CODE OR THE MANUFACTURER'S REQUIREMENTS.
  6. ACCESS TO THE GREASE INTERCEPTOR SHALL BE PROVIDED WITH TWO (2) 24-IN. MANHOLES. ALL SURFACE WATER MUST DRAIN AWAY FROM MANHOLES.
  7. PIPING INLET AND OUTLET SIDES SHALL BE CLEARLY LABELED ON THE TOP OF THE GREASE INTERCEPTOR TO INSURE PROPER INSTALLATION.
- DOMESTIC SUPPLY SYSTEMS:
1. INCOMING WATER SERVICE PIPE SHALL BE LOCATED A MINIMUM OF 5 FT. FROM THE EXISTING SANITARY PIPE WHERE A 5 FT. SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATER SERVICE PIPE SHALL BE A MINIMUM OF 12 IN. ABOVE THE TOP OF THE HIGHEST POINT OF THE SANITARY PIPE.
  2. ALL UNDERGROUND STOP PLUMBING SHALL CONFORM TO NSF 61, SHALL BE TYPE K COPPER TUBING OR COPPER PIPE, POLYETHYLENE (PE) OR CPVC. IF CPVC IS USED, FOAM INSULATION SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION TO ACCOUNT FOR EXPANSION AND CONTRACTION.
  3. INCOMING WATER SERVICE PRESSURE SHOULD BE BETWEEN 45 AND 55 PSI STATIC. WHERE WATER PRESSURE SERVICE EXCEEDS 80 PSI STATIC, AN APPROVED WATER PRESSURE REDUCING VALVE WITH STRAINER CONFORMING TO ASSE 1003 SHALL BE INSTALLED. WHERE INCOMING WATER PRESSURE IS BELOW 45 PSI STATIC, A PRESSURE BOOSTER SYSTEM SHALL BE INSTALLED.
  4. IF THE RESTAURANT HAS A COMBINED WATER AND FIRE SPRINKLER SERVICE, THE INCOMING WATER SERVICE SHALL BE SIZED BASED ON THE FIRE SPRINKLER CONTRACTOR'S HYDRAULIC CALCULATIONS.
  5. PROVIDE A MINIMUM 1/2" ANNUAL CLEARANCE AROUND ALL PIPE SLAB PENETRATIONS.
  6. A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RP2) SHALL BE INSTALLED AT THE INCOMING SERVICE WHERE REQUIRED BY CODE.
  7. AN EXPANSION TANK SHALL BE INSTALLED ON THE COLD WATER LINE INLET TO THE WATER HEATER. SEE EXPANSION TANK SCHEDULE.
  8. ALL WATER SUPPLY PIPE WITHIN 5 FT. OF THE BUILDING AND INSIDE THE BUILDING SHALL COMPLY WITH NSF 61 AND SHALL BE TYPE L COPPER TUBING, COPPER PIPE OR CPVC PIPE.
  9. CPVC PIPE SHALL BE FLOWGUARD GOLD OR FLOWGUARD BENDABLE AS MANUFACTURED BY LUBRIZOL.
  10. CPVC PIPE SHALL BE CONNECTED WITH FLOWGUARD GOLD YELLOW LOW-VOC SOLVENT CEMENT AS MANUFACTURED BY IPS WELD-ON OR OATEY.

11. ALL CPVC PIPE SHALL BE INSULATED TO PREVENT EXPOSURE TO GREASE.

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
COPPER PIPE	12 FT.	10 FT.
COPPER TUBING $\leq 1\frac{1}{4}"$	6 FT.	10 FT.
COPPER TUBING $> 1\frac{1}{2}"$	10 FT.	10 FT.
CPVC $\leq 1"$	3 FT.	10 FT.
CPVC $\geq 1\frac{1}{4}"$	4 FT.	10 FT.

13. A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RPZ) SHALL BE INSTALLED AT THE INLET TO THE WATER FILTRATION SYSTEM. ALL PIPING DOWNSTREAM OF THE RPZ SHALL BE COPPER OR CROSS-LINKED POLYETHYLENE (PEX).
14. ALL DEVICES, APPLIANCES, AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM. ALL BACKFLOW PREVENTION DEVICES SHALL BE ASSE LISTED AND APPROVED FOR THE DEVICE OR APPLIANCE THEY SERVE.
15. ALL WATER SUPPLY LINES SHALL BE PROVIDED WITH A QUARTER-TURN SHUT-OFF VALVE BEFORE FINAL CONNECTION TO EQUIPMENT.
16. QUARTER-TURN SHUT-OFF VALVES SHALL BE INSTALLED UPSTREAM OF ANY INLINE BACKFLOW PREVENTION DEVICE.
17. ALL VALVES AND BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED WITH FITTINGS THAT FACILITATE REMOVAL IN CASE OF FAILURE.
18. ALL OVERHEAD WATER LINES SHALL BE INSULATED WITH 1" THICK EXTERNAL JACKETED INSULATION AND A MINIMUM INSTALLED R-VALUE OF 3.7.
19. PRIOR TO BUILDING TURNOVER, THE DOMESTIC WATER SUPPLY SYSTEM SHALL BE PURGED OF DELETERIOUS MATERIAL AND DISINFECTED. DISINFECTION SHALL BE DONE IN ACCORDANCE WITH THE LOCAL HEALTH CODE, PLUMBING CODE OR IN ACCORDANCE WITH AWWA C651 OR AWWA C652.

VALVE SCHEDULE

MANUFACTURER	MODEL	TEMP. SETTING	LISTING	SERVES
WATTS	LFMMV	110°F	ASSE 1017,1069,1070	CHEMICAL SYSTEM MIXING
WATTS	LFMMV	104°F	ASSE 1017,1069,1070	LAVS & HAND SINKS MIXING
NIBCO	585-70-HC	—	—	CHEMICAL SYSTEM SHUT-OFF
NIBCO	S-FP-600A-LF	—	—	RESTROOM SHUT-OFF

GENERAL REQUIREMENTS	FURNISH	INSTALL	FINAL CONNECTION	NOTES
MECHANICAL PERMIT	MC			1-3
HOT WORK (WELDING) PERMIT (IF APPLICABLE)	KES			1-3
PLUMBING PERMIT	PC			1-3
ELECTRICAL PERMIT	EC			1-3
FIRE SPRINKLER PERMIT (IF APPLICABLE)	FPC			1-3
FIRE ALARM PERMIT (IF APPLICABLE)	FAC			1-3

## CONTRACTOR COORDINATION REQUIREMENTS

PLUMBING SYSTEMS				
WATER HEATERS	PC	PC	PC	1-4
HOT AND COLD WATER PIPE	PC	PC	PC	1-4
VENTS AND INTAKES	PC	PC	PC	1-4
THERMOSTATIC MIXING VALVE	PC	PC	PC	1-4
POWER AND CONTROL WIRING	EC	EC	EC	1-5


TAG	DESCRIPTION	MANUFACTURER	MODEL	WATER USE	ACCESSORIES/COMMENTS
F-1	FAUCET FOR LAV-1	TOTO ZURN	TEL101-D10E#CP Z6950-XL-S-10S-LL	1.0 GPM (0.17 GAL/10 SEC CYCLE)	FAUCET OPERATION: SENSOR
F-2	FAUCET FOR MS-1	ZURN	Z843M4		FAUCET OPERATION: MANUAL SEE DETAIL 2 ON DRAWING P3.0
FCO	6x6 FLOOR CLEAN OUT	ZURN JAY R. SMITH	Z1400-SZ 4040		SEE DRAWINGS FOR PIPE SIZES SEE NOTE 8
FD-2	6x6 FLOOR DRAIN	ZURN JAY R. SMITH	Z415-SZ 2005		PIPE SIZE: 3" STRAINER SIZE: 6" NICKEL BRONZE
LAV-1	LAVATORY	KOHLER	K-2882-0		FAUCET: F-1 TRUEBRO LAVGUARD2 MODEL #102-E-Z CORIAN COUNTER BY G.C.
MS-1	MOP SINK	ADVANCE TABCO FIELD FABRICATED	9-OP-24FM (24x24x12) RECESSED - FLOOR		FAUCET: F-2 INCLUDES HOSE, HOSE BRACKET AND TWO (2) 24"Wx36"H WALL GUARDS SEE DETAIL 2 ON P3.0
UR-1	ADA WALL-HUNG URINAL	TOTO ZURN	UT445U#01 Z5755	0.125 GPF	FLUSH VALVE: TOTO TEU1UA12#CP ZURN ZTR6203-ULF-LL ¾" I.P.S., 1" TOP SPUD
WC-1	WATER CLOSET	TOTO ZURN	CT705EN#01 Z5655	1.28 GPF	FLUSH VALVE: TOTO TET1LA32#CP ZURN ZTR6200EV-LL 1" I.P.S., 1½" TOP SPUD
WC-2	ADA WATER CLOSET	TOTO ZURN	CT705ELN#01 Z5665	1.28 GPF	FLUSH VALVE: TOTO TET1LA32#CP ZURN ZTR6200EV-LL 1" I.P.S., 1½" TOP SPUD
FS-2	8x8 FLOOR SINK WITH HALF-GRATE	ZURN JAY R. SMITH	ZN1910 3415		PIPE SIZE: 3" FAME STRAINER: ALUMINUM
HS-1	STAINLESS STEEL HAND SINK	ADVANCE TABCO	7-PS-61		DOCKET: INCLUDED WITH SINK SEE NOTES 6 & 10

## NOTES

- |     |   |  |
|-----|---|--|
| 1.  | SEE McDONALD'S PROJECT MANUAL FOR ADDITIONAL MANUFACTURERS  | TO ORDER PLUMBING FIXTURES, CONTACT HD SUPPLY: |
| 2.  | PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE BLOCKING FOR PROPER URINAL SUPPORT                    |  |
| 3.  | PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE INTERIOR BLOCKING ON W/W BUILDING FOR WALL CLAMP      | PHONE: (866) 310-3576                          |
| 4.  | ARD HYDRONIS FOR SINK LOCATION  | E-MAIL: MCDCOORD@HDSUPPLY.COM                  |
| 5.  | PLUMBING CONTRACTOR SHALL ROUTE 1/2" DRAIN PIPE FROM HOSE BIBB TO NEAREST FLOOR DRAIN OR FLOOR SINK             |  |
| 6.  | PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE BLOCKING FOR PROPER SINK SUPPORT                      |  |
| 7.  | SEE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION - PLUMBING CONTRACTOR SHALL COORDINATE INSTALLATION WITH K.E.S. |  |
| 8.  | PLUMBING CONTRACTOR SHALL SPECIFY CONNECTION MATERIALS/TYPES WHEN ORDERING                                      |  |
| 9.  | PLUMBING CONTRACTOR SHALL SPECIFY BURY DEPTH WHEN ORDERING  |  |
| 10. | PLUMBING CONTRACTOR SHALL PROVIDE GRID DRAIN, P-TRAP AND VALVE STOPS FOR ALL SINKS & LAVS                       |  |

ACM	AREA CONSTRUCTION MANAGER
AVB	ATMOSPHERIC VACUUM BREAKER
BSI	BEVERAGE SYSTEM INSTALLER
CO	CLEAN-OUT
DC	DOWNSPOUT COVER
DFU	DRAINAGE FIXTURE UNIT(S)
EC	ELECTRICAL CONTRACTOR
FAC	FIRE ALARM CONTRACTOR
FCO	FLOOR CLEAN-OUT
FD	FLOOR DRAIN
FPC	FIRE PROTECTION CONTRACTOR
FS	FLOOR SINK
GC	GENERAL CONTRACTOR
GI	GREASE INTERCEPTOR
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
GW	GREASE WASTE
HS	HAND SINK
I.P.S.	IRON PIPE SIZE (ALSO NPS)
KEI	KITCHEN EQUIPMENT INSTALLER
KES	KITCHEN EQUIPMENT SUPPLIER
LAV	LAVATORY
MC	MECHANICAL CONTRACTOR
MHT	MALE HOSE THREADS
MS	MOP SINK
NPS	NATIONAL PIPE THREAD STANDARD
NPT	NATIONAL PIPE THREAD TAPERED
O/O	OWNER/OPERATOR
OH	OVERHEAD
P	PUMP
PC	PLUMBING CONTRACTOR
RC	REFRIGERATION CONTRACTOR
RPZ	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
SS	SANITARY SEWER
ST	STORM SEWER
SVB	ANTI-SIPHON, SPILL RESISTANT VACUUM BREAKER
TAB	TEST AND BALANCE CONTRACTOR
UG	UNDERGROUND
UR	URINAL
V	VENT
WC	WATER CLOSET
WCO	WALL CLEAN-OUT
WSFU	WATER SUPPLY FIXTURE UNIT(S)
YC	YARD CLEAN-OUT

ENGINEER OF RECORD:



15-19

PREPARED BY:

**CORE STATES**



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TITLE	MRP PROGRAM CORE 16 2.0	DRAWN BY TP
DESCRIPTION	EXISTING MASONRY WALL CONSTRUCTION EXISTING WOOD ROOF TRUSSES EXISTING ARCADES — FRONT, ENTRY	STD ISSUE DATE REVISED BY DATE ISSUED 10/12/18
SHEET NO.	0294	C.S.G. PROJECT MCD-24772
SITE ID	815 EASTLAND DRIVE JEFFERSON CITY, MO 65101	

SHEET NO. P4.0  
GENERAL NOTES