

# ARCHITECTURAL PLANS

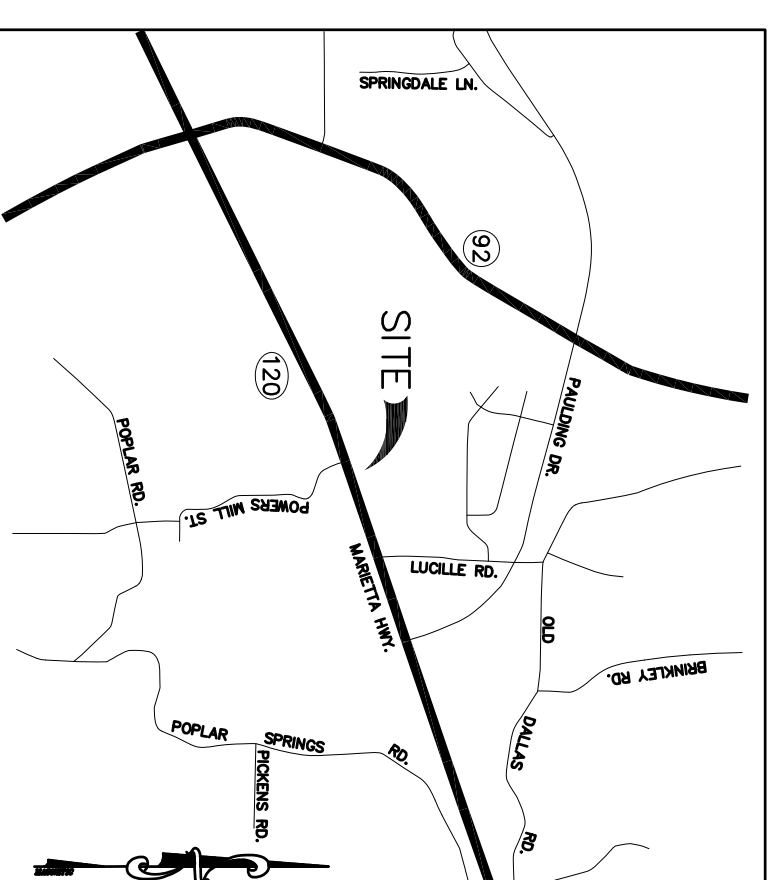
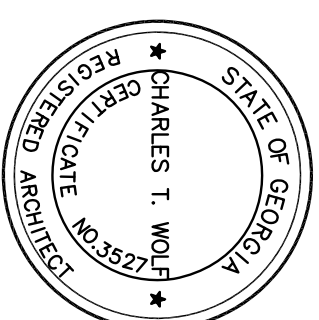
## FOR PARADISE CAR WASH MARIETTA HIGHWAY DALLAS, PAULDING COUNTY, GEORGIA 7/7/15

**OWNER / DEVELOPER  
PRIMARY PERMITEE**

**STEPHEN KEYS  
4549 KNIGHT ROAD  
MACON, GA 31220  
478-254-7022**

**24 HR. CONTACT**

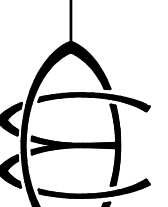
**STEPHEN KEYS  
PRO CONSTRUCTION  
4549 KNIGHT ROAD  
MACON, GA 31220  
478-254-7022**



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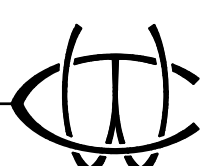
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MACON, GEORGIA - 793 POPULAR STREET - 31202  
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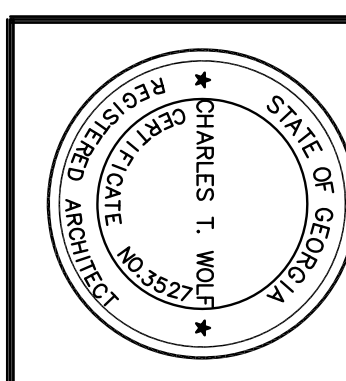
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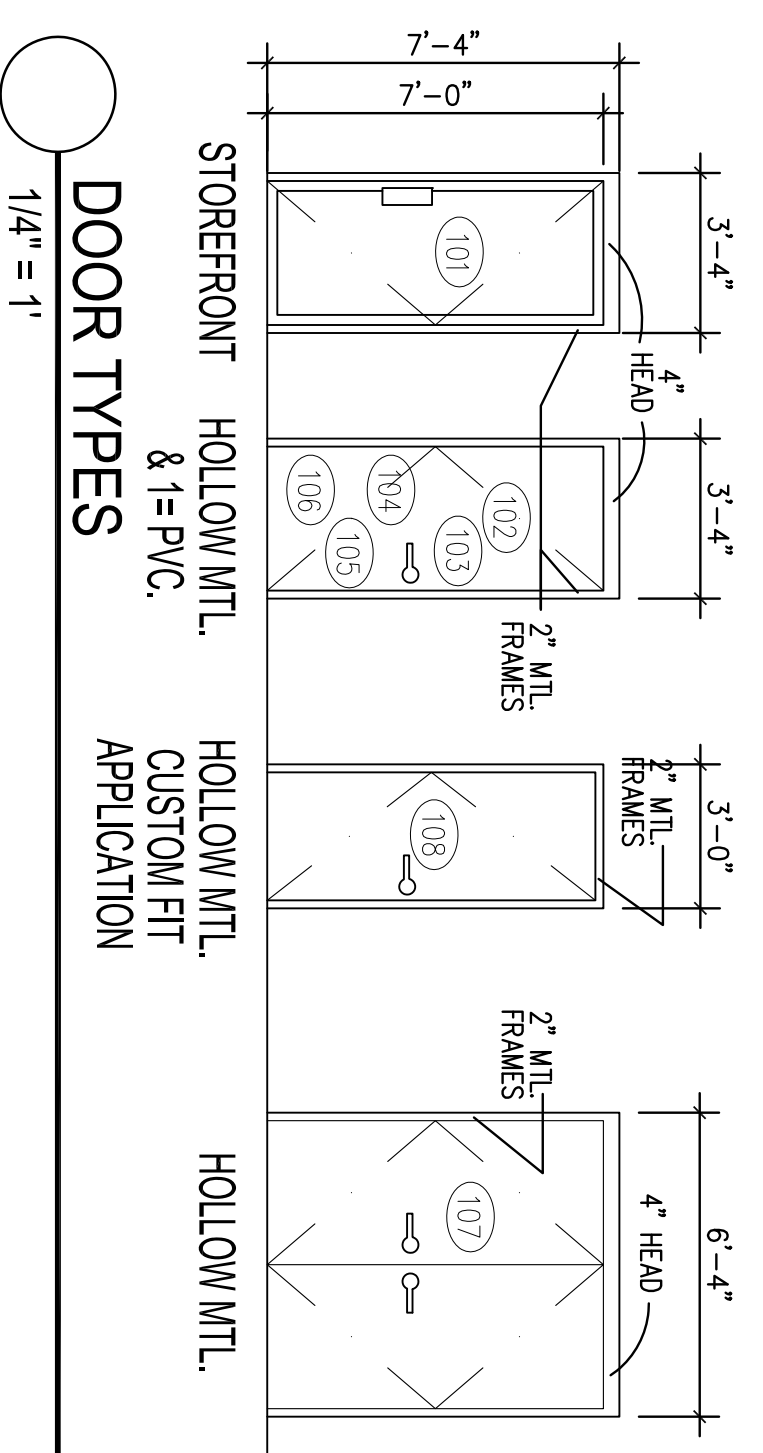
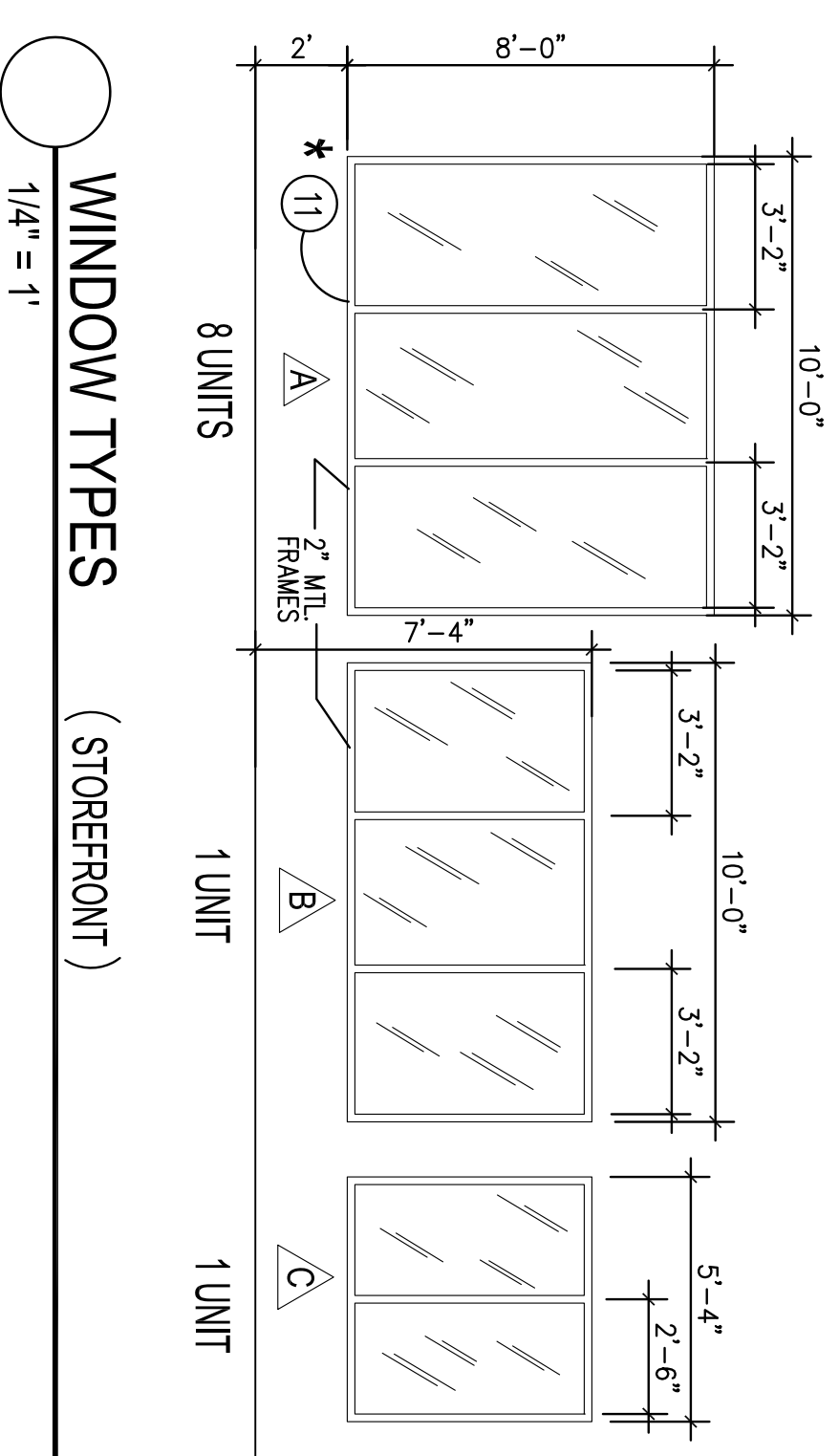


PARADISE CAR WASH  
DALLAS, GEORGIA

9866-032-01

A1

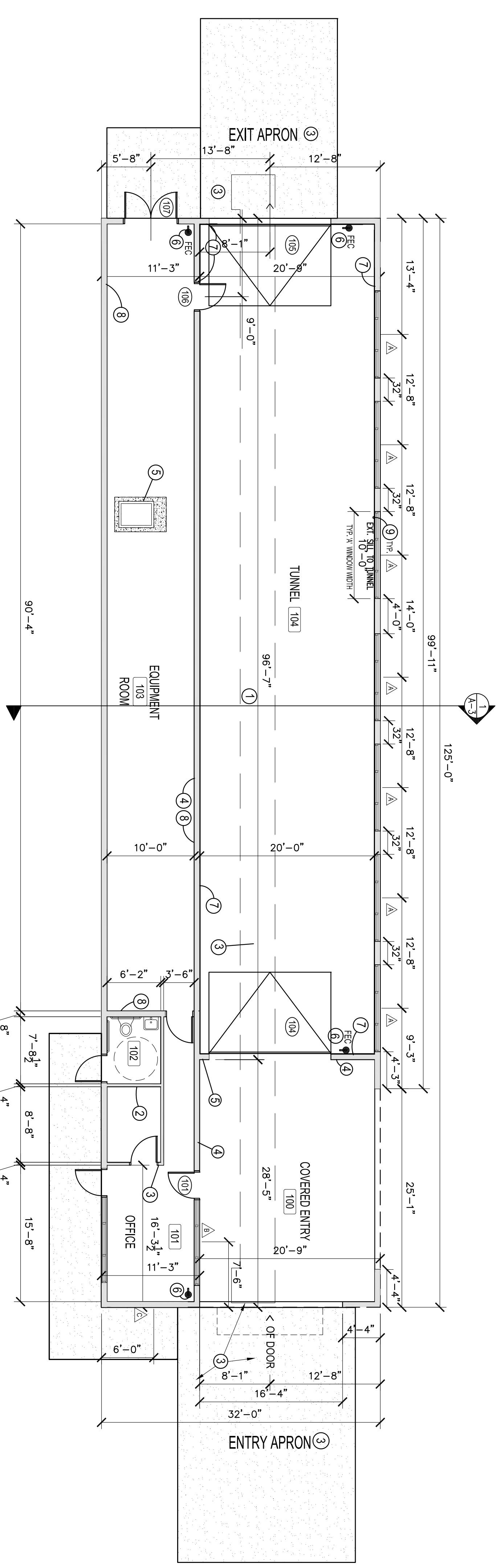
DATE 7/7/15



WINDOW TYPES (STOREFRONT)  
1/4" = 1'

DOOR TYPES  
1/4" = 1'

FLOOR PLAN



GENERAL NOTES

- A ALL DIMENSIONS ARE TO FACE OF STUD/CMU.
- B INSTALL APPROPRIATE EDGE STRIP WHERE FLOOR CHANGES OCCUR.
- C SEE STRUCTURAL DRAWINGS FOR WALL REINFORCEMENT.
- D EXTERIOR CMU WALLS ARE SPLIT FACED 8" CMU.
- E INTERIOR CMU WALLS ARE SMOOTH FACED 8" CMU.
- F ALL EXPOSED STRUCTURE TO BE PAINTED.
- G INSTALL R-19 VINYL BACK INSUL. AT ROOF AT CONDITIONED SPACE ONLY.
- H INSTALL 3" VINYL BACKED INSUL. AND MTL. SIKING/GRITS AT UNCONDITIONED SPACES ONLY.
- I INSTALL R-11 BATT INSUL. ABOVE CEILINGS AT UNCONDITIONED SPACE ONLY.

GENERAL PLAN NOTES

- 1 VERIFY EXACT LOCATION AND SIZE OF EQUIPMENT PIT WITH SET EQUIPMENT AND OTHER DRAWINGS.
- 2 SET STRUCTURAL DIMS FOR DETAILS.
- 3 8" CMU BLOCK WALL COURSEING - FULL HIGHT TO TRUSSES.
- 4 CONC. APRON - SEE CIVIL DIMS. FOR EXACT PAVING LAYOUT.
- 5 EXTEND THIS CMU WALL TO ROOF DECK.
- 6 FOR CONC. FORMED RECLAIM PIT - SEE ALL DESIGN EQUIPMENT PLANS & STRUCTURAL DRAWINGS.
- 7 WALL MOUNTED FIRE EXTINGUISHER.
- 8 WALLS COVERED WITH EXTRUDED LINING.
- 9 CMU WALLS ARE UN-PAINTED IN EQUIPMENT ROOM.
- 10 SET ALL 'A' STYLE FRAMES W/EXT. SILL INWARDS TO TUNNEL.

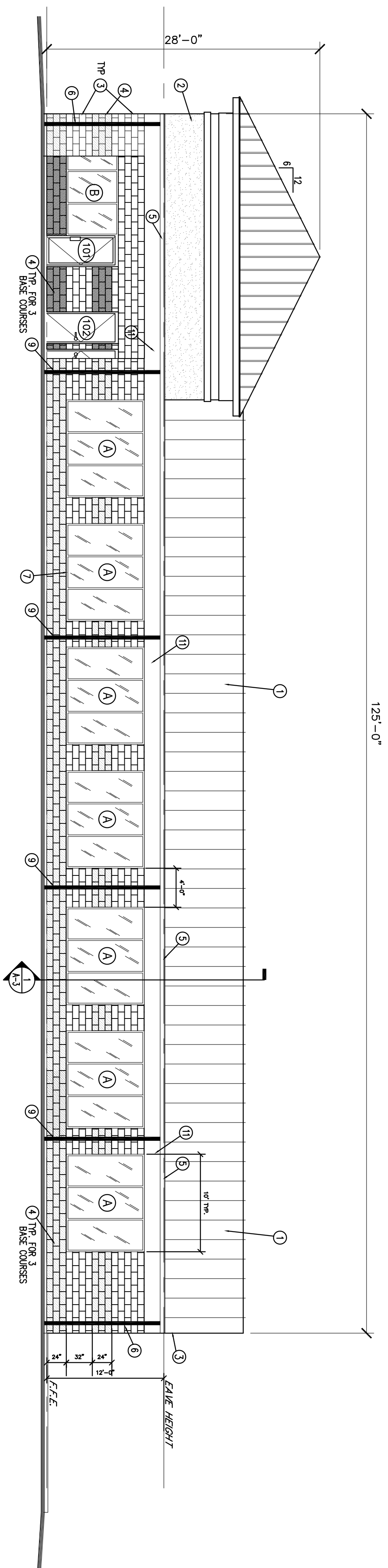
ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	HEIGHT	REMARKS
100	COVERED ENTRY	CONC.	PAINTED BLOCK	PAINTED BLOCK	NONE	10'-0"	EXPOXY FINISH TO CONC. SLAB SURFACE
101	OFFICE	CONC.	RUBBER	PAINTED BLOCK	2x2 A.C.I.	9'	ADA COMPLIANCE & 3" S.B. INSUL.-TIP
102	TOILET ROOM	VIT.	PAINTED BLOCK	PAINTED BLOCK	2x2 A.C.I.	9'	ADA COMPLIANCE & 3" S.B. INSUL.-TIP
103	EQUIP. ROOM	CONC.	UN-PAINTED BLOCK	UN-PAINTED BLOCK	NONE	"	EXPOXY FINISH TO CONC. SLAB SURFACE
104	CAR WASH TUNNEL	CONC.	UN-PAINTED BLOCK	EXTRUDED LINING	NONE	"	EXPOXY FINISH TO CONC. SLAB SURFACE

DOOR & FRAME SCHEDULE

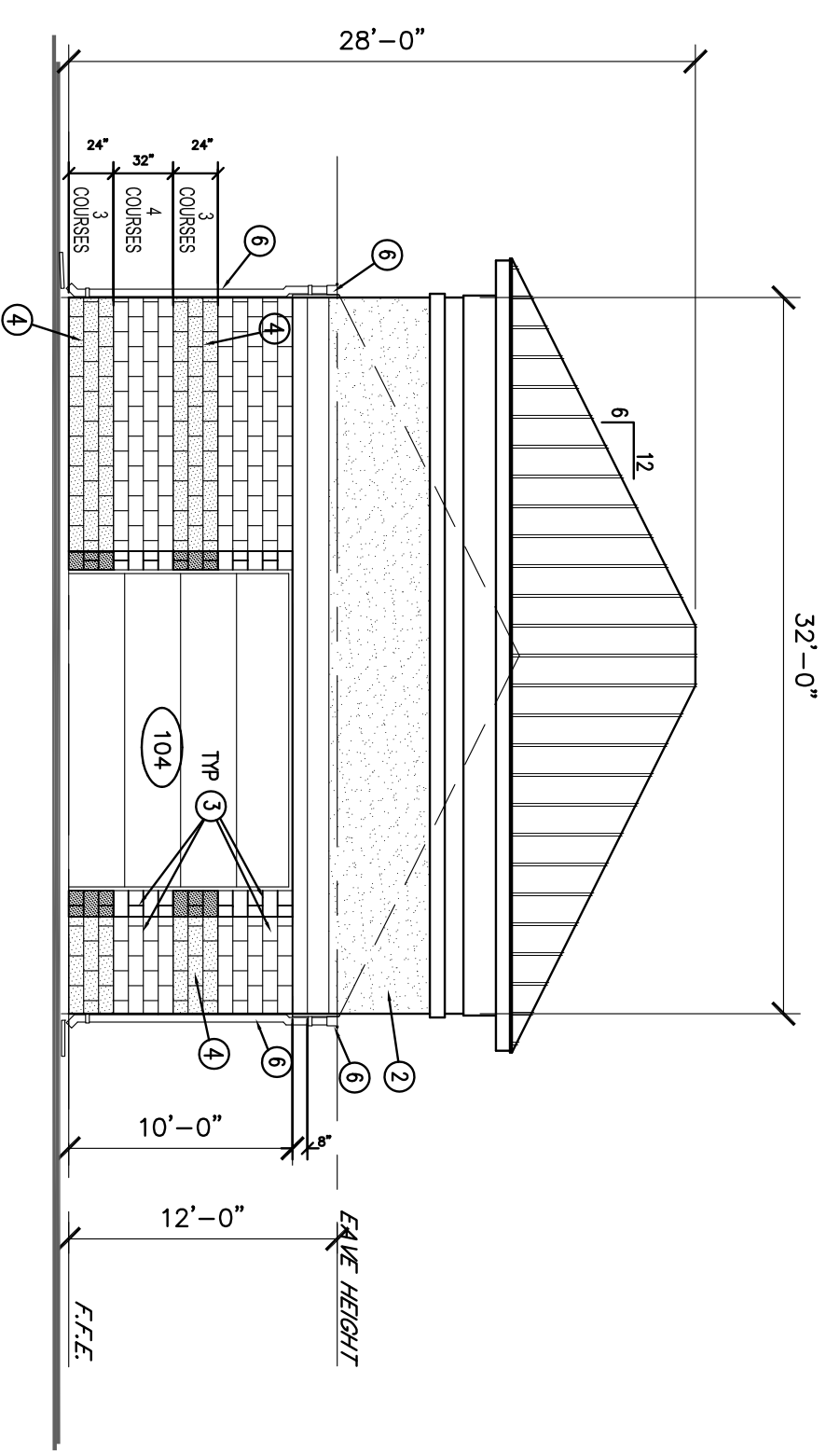
NO.	MATERIAL	FINISH	H	W	FRAME	FINISH	REMARKS
101	AL/GRASS	---	7'-0"	3'-0"	ALUM.	PAINTED	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS
102	H.C. MTL.	PAINTED	7'-0"	3'-0"	ALUM.	PAINTED	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS
103	H.C. MTL.	PAINTED	7'-0"	3'-0"	ALUM.	PAINTED	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS
104	MTL. ROLL UP	PRE-FIN.	10'	12'	FER. JAMM. STRESS	PRE-FIN.	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS
105	MTL. ROLL UP	PRE-FIN.	10'	12'	FER. JAMM. STRESS	PRE-FIN.	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS
106	EXTERIOR PVC	PAINTED	7'-0"	3'-0"	ALUM.	PAINTED	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS
107	H.C. MTL.	PAINTED	7'-0"	2'-8"	ALUM.	PAINTED	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS
108	H.C. MTL.	PAINTED	7'-0"	2'-8"	ALUM.	PAINTED	ADA COMPLIANCE, THERMO-BREAK, EXTERIOR DEAD BOLT LOCKS

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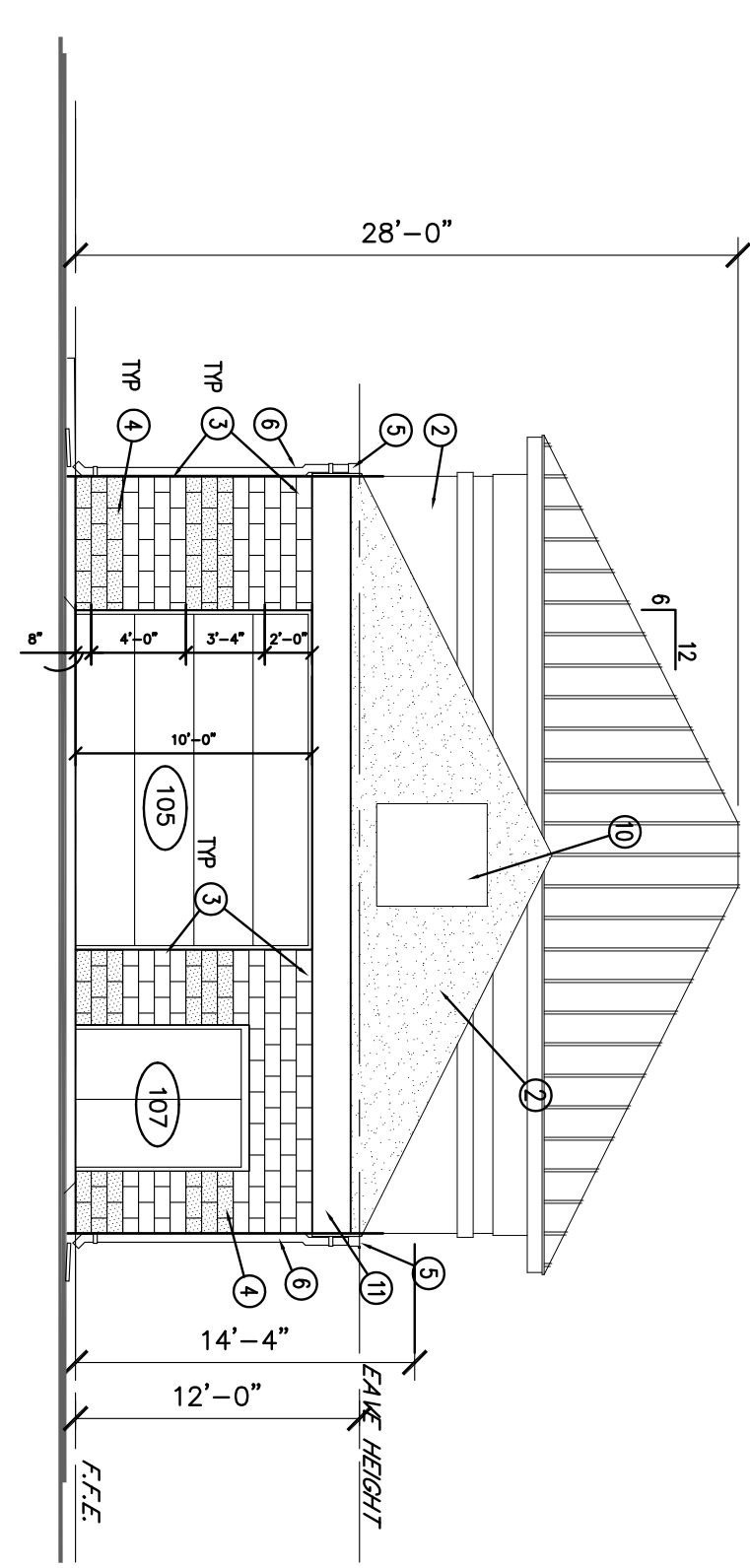
FRONT ELEVATION

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



LEFT ELEVATION

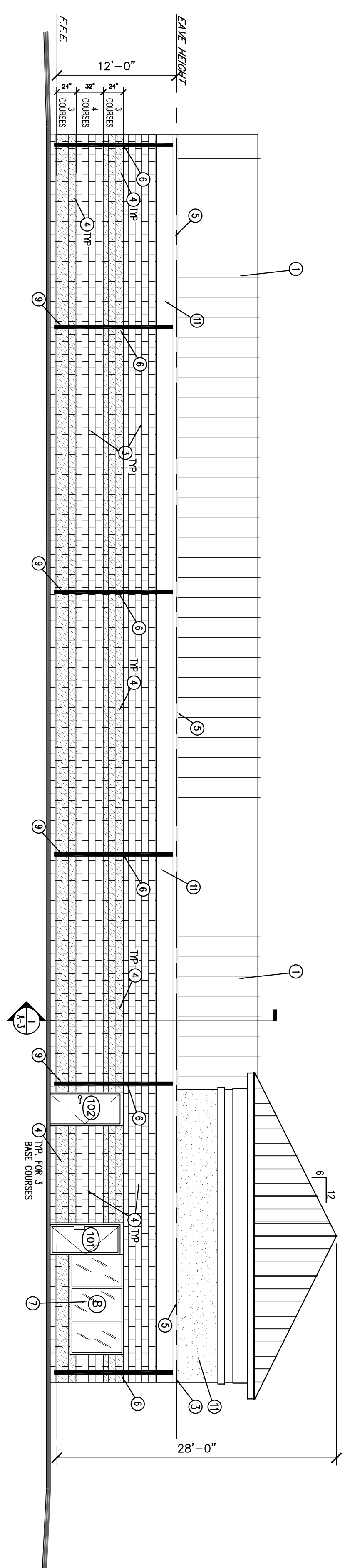
SCALE: 1/8" = 1'-0"



RIGHT ELEVATION

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

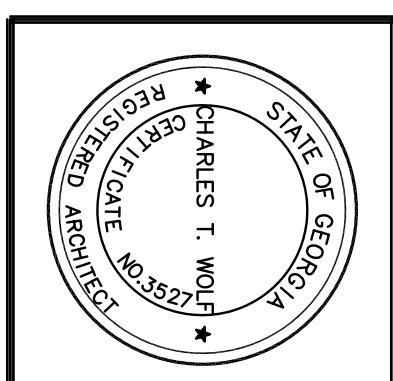
- NOTES:
- ① PREFINISHED METAL ROOF PANELS
  - ② EFS
  - ③ 8" SPILT FACED CMU (COLOR #1)
  - ④ 8" SPILT FACED CMU (COLOR #2)
  - ⑤ PREFINISHED METAL GUTTERS
  - ⑥ PREFINISHED METAL DOWNSPOUT W/ CONIC SPYASERBLOCK
  - ⑦ ALUMINUM STORMTENT
  - ⑧ PREFINISHED METAL CAP
  - ⑨ MASONRY CONTROL JOINT BEING DOWNSPOUT - 1/2" JOINT WITH CONT. BAKER ROD AND SEALANT TO MATCH SPILT FACED CMU.
  - ⑩ SKIN - C.C. TO COORDINATE SIGN REQUIREMENTS AND LOCATION WITH OWNER.
  - ⑪ PAINTED SMOOTH FACE 8" CMU.



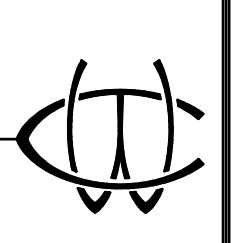
REAR ELEVATION

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

PARADISE CAR WASH  
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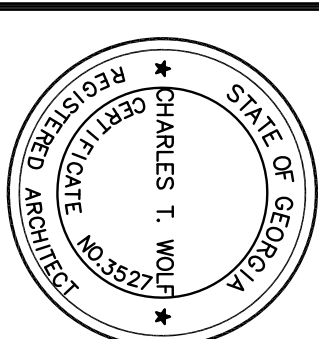
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### H.V.A.C. LEGEND

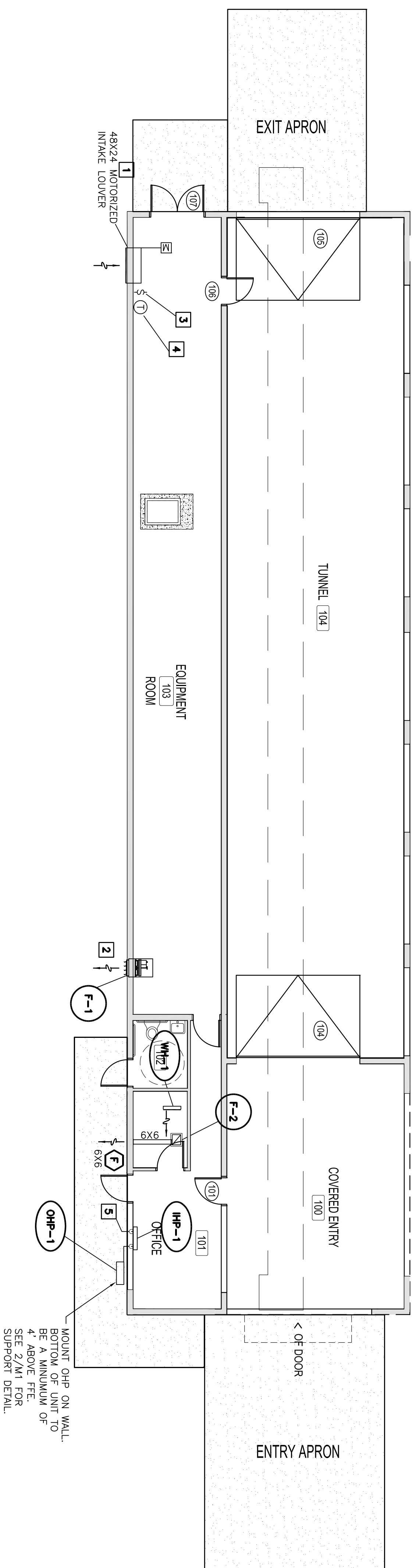
SYMBOL	DESCRIPTION
①	THERMOSTAT 4'-6" A.F.
①	LOW LIMIT THERMOSTAT 7'-0" A.F.
⌘	WALL SWITCH
f or c.f.m.	CUBIC FEET PER MINUTE
1/M-1	DETAIL NO. --- 1/M-1 SHEET NO. ---
A.F.	ABOVE FLOOR
RET.	RETURN (AIR - DUCT)
EHL	EXHAUST
∅	DIAMETER
TYP.	TYPICAL

### CONSTRUCTION KEYNOTES

- 1 SEE ARCHITECTURAL PLANS FOR EXACT HEIGHT OF MOUNTING MOTORIZED LOWER.
- 2 SEE ARCHITECTURAL PLANS FOR EXACT HEIGHT OF MOUNTING EXHAUST FAN.
- 3 PROVIDE WALL SWITCH TO OPERATE FAN AND MOTORIZED LOWER.
- 4 FAN TO HAVE HIGH TEMPERATURE OVERRIDE THERMOSTAT TO PREVENT EXHAUST LOWER SHOULD INDOOR TEMPERATURE EXCEED 95°F.
- 5 ROUTE CONDENSATE THROUGH WALL AND DISCHARGE 12" ABOVE GRADE.

### HVAC NOTES:

1. COORDINATE THE INSTALLATION OF THIS WORK WITH THAT OF OTHER TRADES TO PROVIDE THE BEST ARRANGEMENT OF PIPING, DUCTWORK, AND EQUIPMENT. REFER TO PLUMBING AND ELECTRICAL DRAWINGS.
2. PIPING, DUCTWORK, AND EQUIPMENT IS SHOWN IN ITS GENERAL LOCATION, UNLESS DIMENSIONED. EXACT LOCATION SHALL BE DETERMINED BY THE LOCATION OF OTHER EQUIPMENT AND TO PROVIDE SERVICE CLEARANCE.
3. ARRANGE PIPING AND DUCTWORK TO CLEAR STRUCTURAL MEMBERS, PLUMBING, PIPING AND LIGHT FIXTURES.
4. PROVIDE UNION OR FLANGE CONNECTIONS IN PIPING AT ALL EQUIPMENT AND CONTROL VALVES, AND AS REQUIRED FOR SERVICE.



### HVAC PLAN

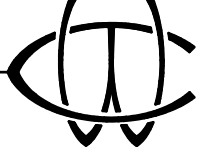
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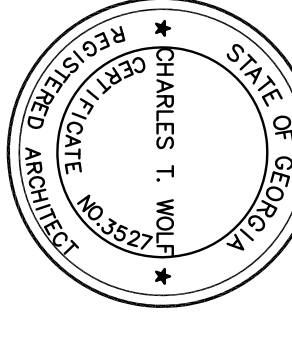
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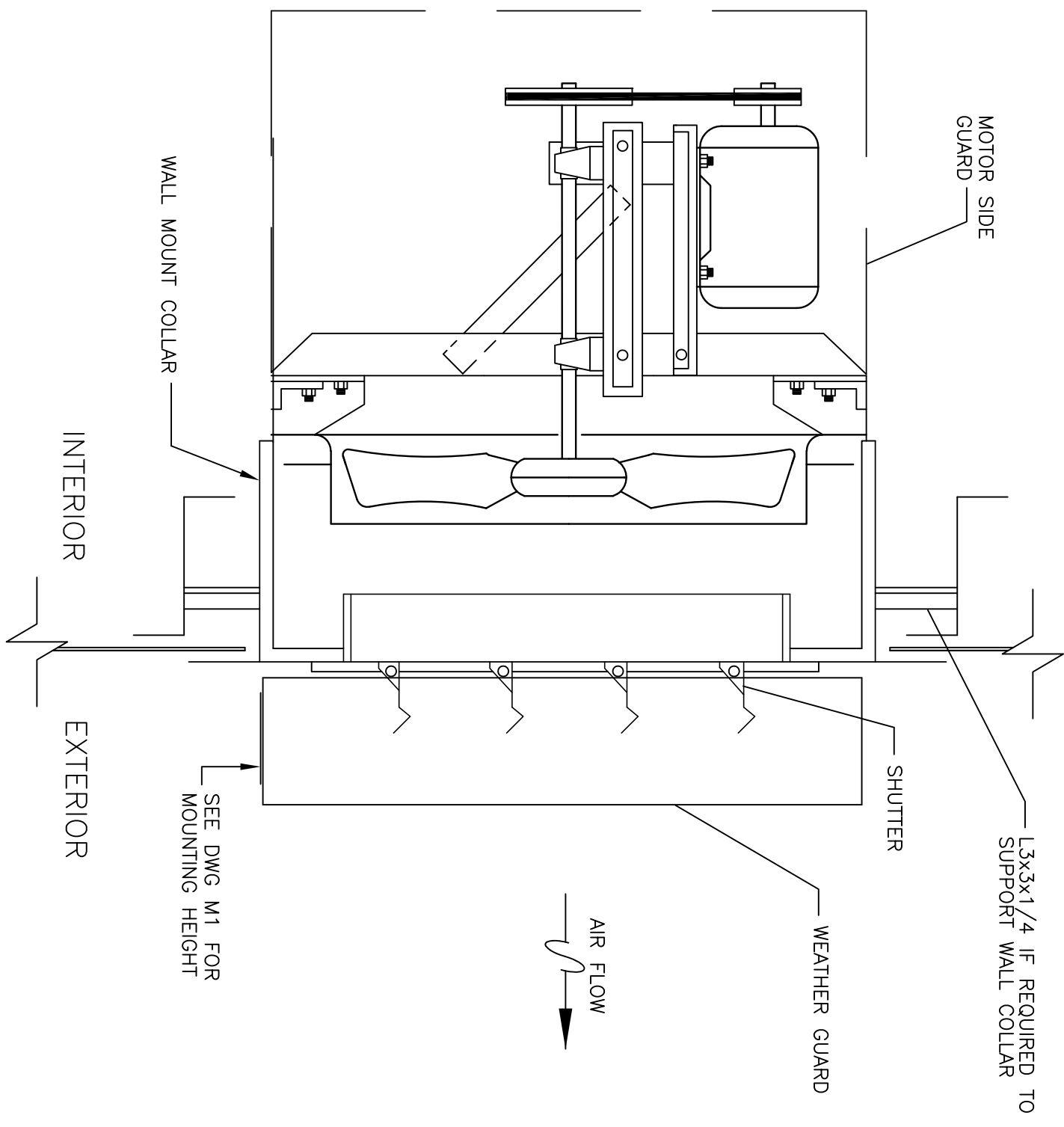
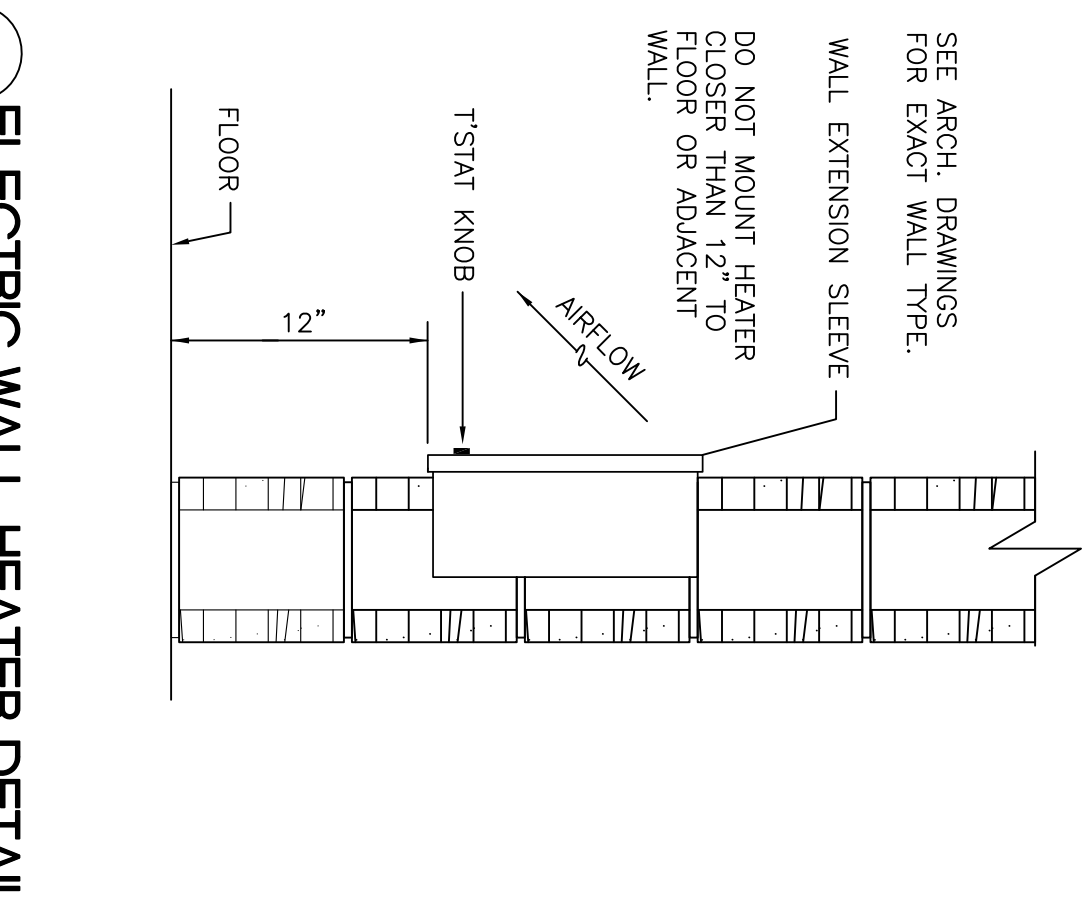
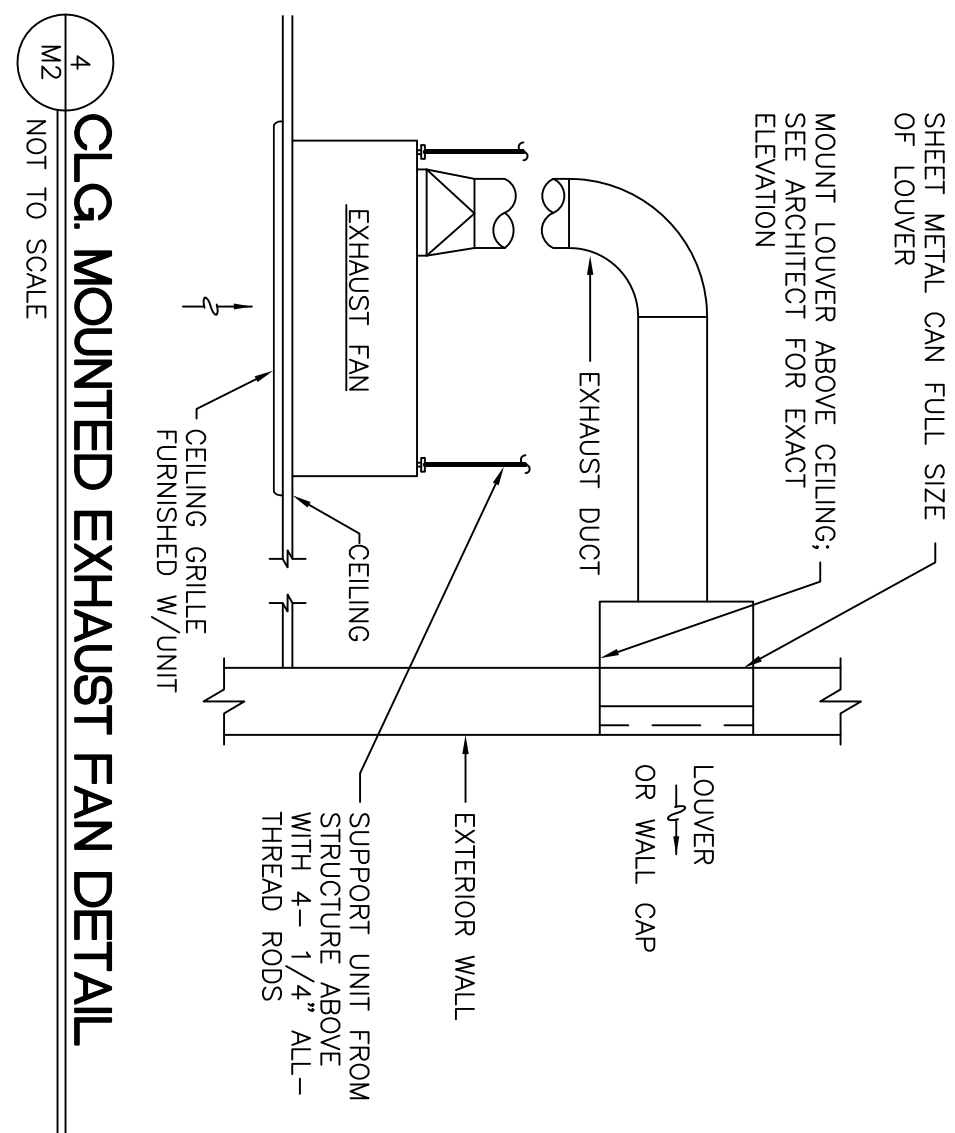


PARADISE CAR WASH  
 DALLAS, GEORGIA

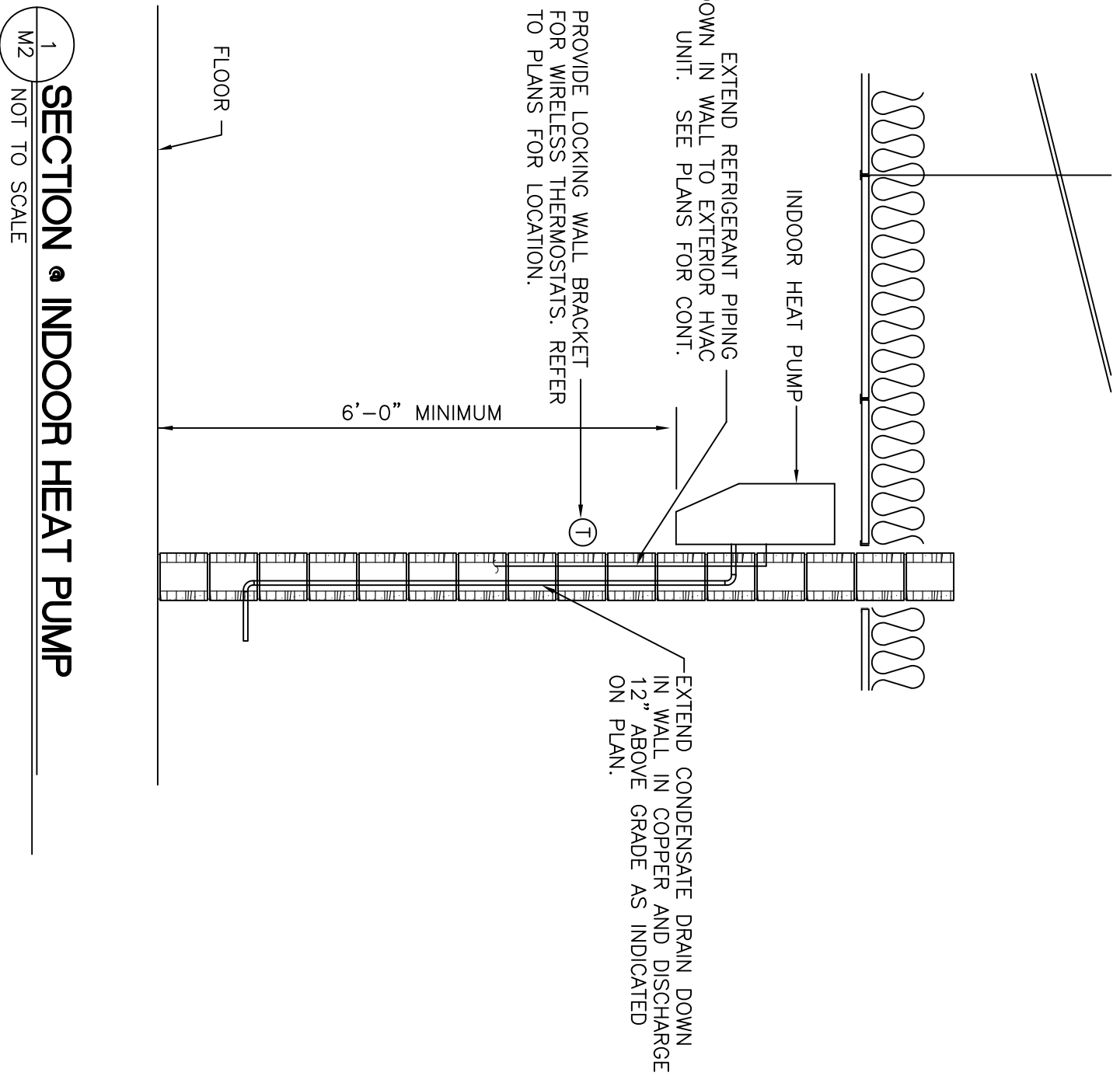
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M2

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2 WALL MOUNTED FAN DETAIL  
 M2 NOT TO SCALE



1 SECTION • INDOOR HEAT PUMP  
 M2 NOT TO SCALE

--- WALL HEATER SCHEDULE ---

ITEM	LOCATION	WATTS	O-MARK MODEL NO.
WH-1	BATHROOM	1000	CWH SERIES (1)

(1) WALL HEATER WITH SURFACE MOUNTED CABINET. UNIT MOUNTED INTEGRAL CONCEALED THERMOSTAT.

--- INDOOR HEAT PUMP SCHEDULE ---

ITEM	SUPPLY C.F.M.	EXT. S.P. (IN) W.C.	O.A. C.F.M.	FAN F.L.A.	DRIVE	COOLING CAP. BTUH (1)	SENSIBLE	TOTAL	AUX. HEAT K.W.	HEAT STGS.	TRANE MODEL NO.	REMARKS
IHP-1	300	--	0	0.76	DIRECT	--	--	9,000	--	--	MITSUBISHI MSZ-A09NA	--

(1) RATINGS IN ACCORDANCE WITH A.R.I. STANDARD 240.

--- FAN SCHEDULE ---

ITEM	LOCATION	C.F.M.	S.P.	WATTS	R.P.M.	SONES	COOK MODEL NO.	REMARKS
F-1	EQUIP. ROOM	1500	.25	1/3 HP	944	18.5	20X1P	(2) (4)
F-2	TOILET	110	.25	70	1500	3.0	GC-140	(1) (3)

(1) COMPLETE WITH DISCONNECT MEANS, BACKDRAFT DAMPER, METAL CEILING GRILLE AND HANGING BRACKETS.  
 (2) PROVIDE WALL SWITCH AND HIGH TEMPERATURE THERMOSTAT OVERRIDE FOR FAN OPERATION.  
 (3) INTERLOCK WITH LIGHT SWITCH.  
 (4) FAN TO BE SUPPLIED WITH WALL COLLAR, OSHA WIRE GUARD, WALL SHUTTER, WEATHER HOOD.

--- AIR DISTRIBUTION SCHEDULE ---

MARK	TYPE	NECK CONNECTION (1)	FINISH	OBD	PRICE NO. UNLESS NOTED	REMARKS
F	WALL CAP	SEE PLANS	OFF WHITE	NO	--	COOK MODEL NO. WCR-6
	MOTORIZED LOUVER	SEE PLANS	(2)	NO	RUSKIN NO. ELC6375D	FLANGE FRAME, BIRDSCREEN, MOTORIZED

(1) DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE, UNLESS NOTED OTHERWISE.  
 (2) BAKED ENAMEL FINISH, CUSTOM COLOR, COLOR AS SELECTED BY ARCHITECT.  
 (3) LOUVER TO BE EXTRUDED ALUMINUM COMBINATION TYPE WITH STATIONARY FRONT BLADES AND REAR ADJUSTABLE BLADES.  
 (4) LOUVER TO HAVE TWO POSITION SPRING RETURN ELECTRIC ACTUATOR. INTERLOCK ACTUATOR TO OPEN LOUVER WHEN FAN IS SWITCHED ON.

--- OUTDOOR HEAT PUMP SCHEDULE ---

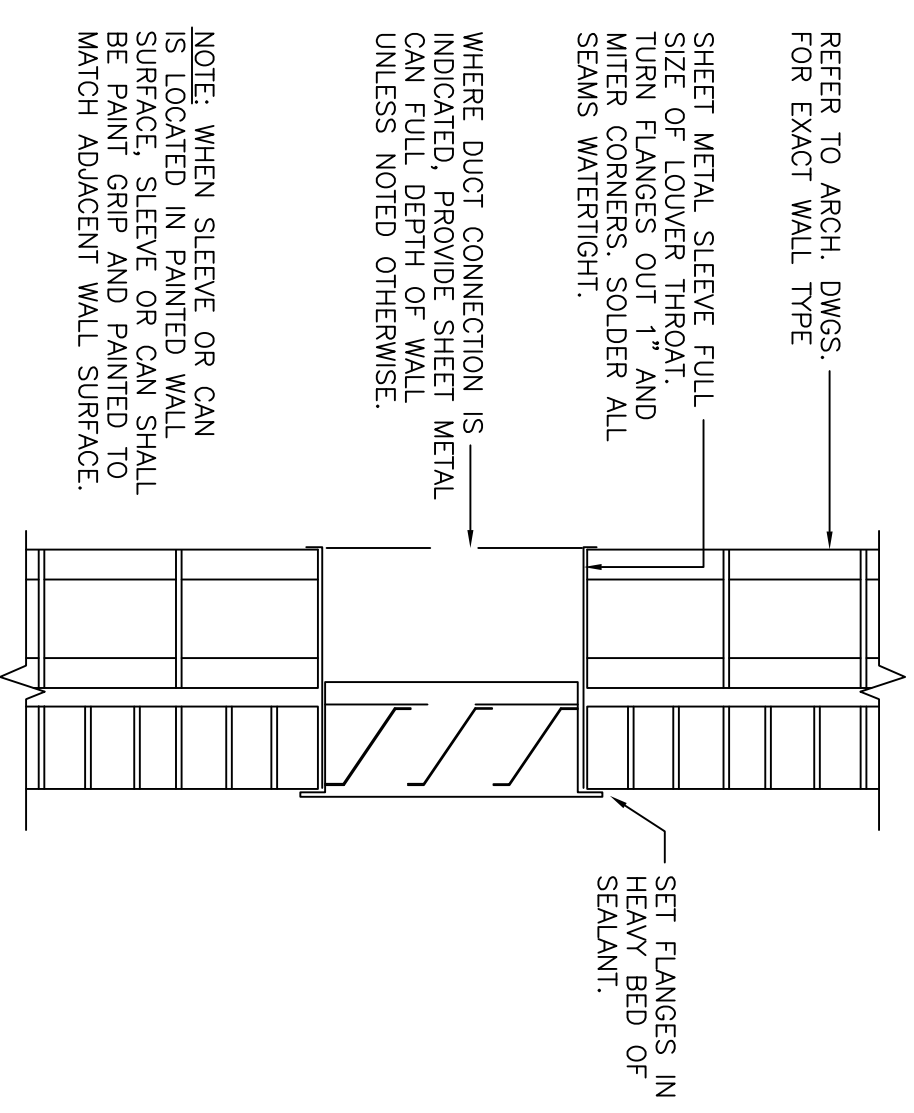
ITEM	COOLING CAP. BTUH (1)	S.E.E.R.	HEATING CAP. MBH. (1)	HI LO	HI LO	C.O.P. (1)	TRANE MODEL NO.	REMARKS
OHP-1	9,000	17.0	10.9	7.7	3.71	1.8	MITSUBISHI MUZ-A09NA	--

(1) RATINGS IN ACCORDANCE WITH A.R.I. STANDARD 240.

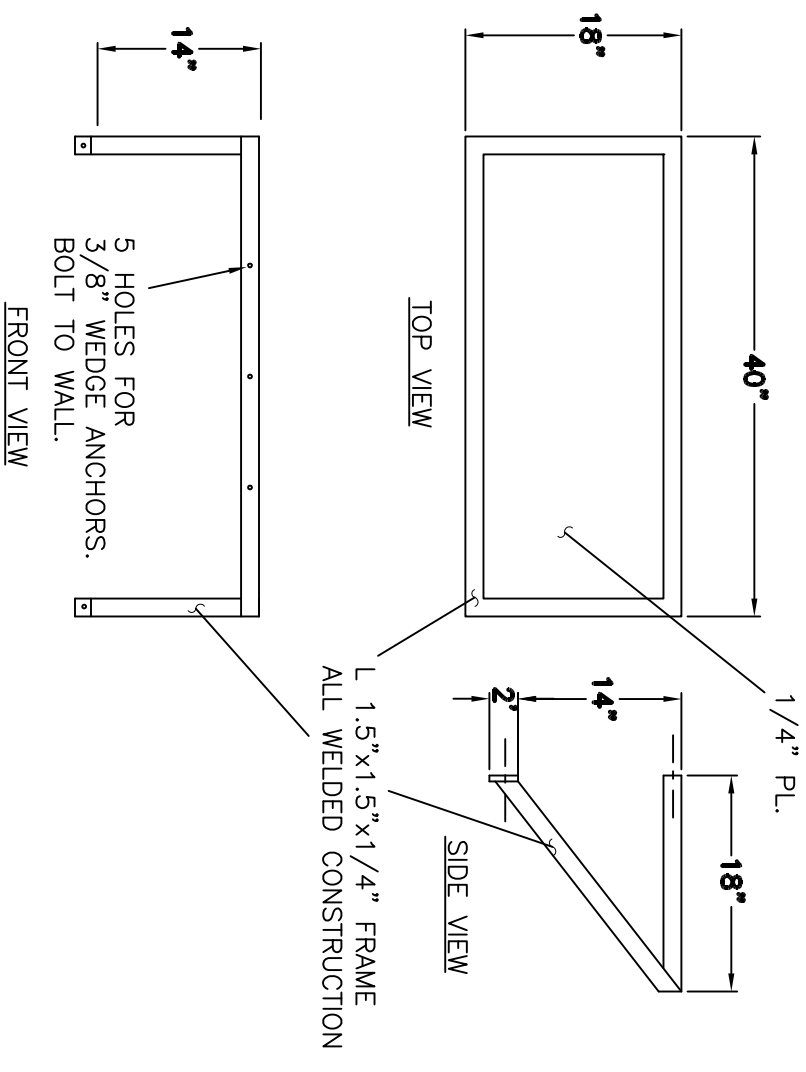
--- REFRIGERATION PIPE SCHEDULE ---

ITEM	SUCTION LINE O.D.	LIQUID LINE O.D.	REMARKS
IHP/OHP-1	5/8"	3/8"	(1)

1. REFRIGERANT PIPE SIZES INDICATED ARE FOR ESTIMATING PURPOSES ONLY. EXACT SIZES AND ACCESSORIES REQUIRED SHALL BE DETERMINED BY EQUIPMENT MANUFACTURER FROM FIELD OBTAINED DIMENSIONS.

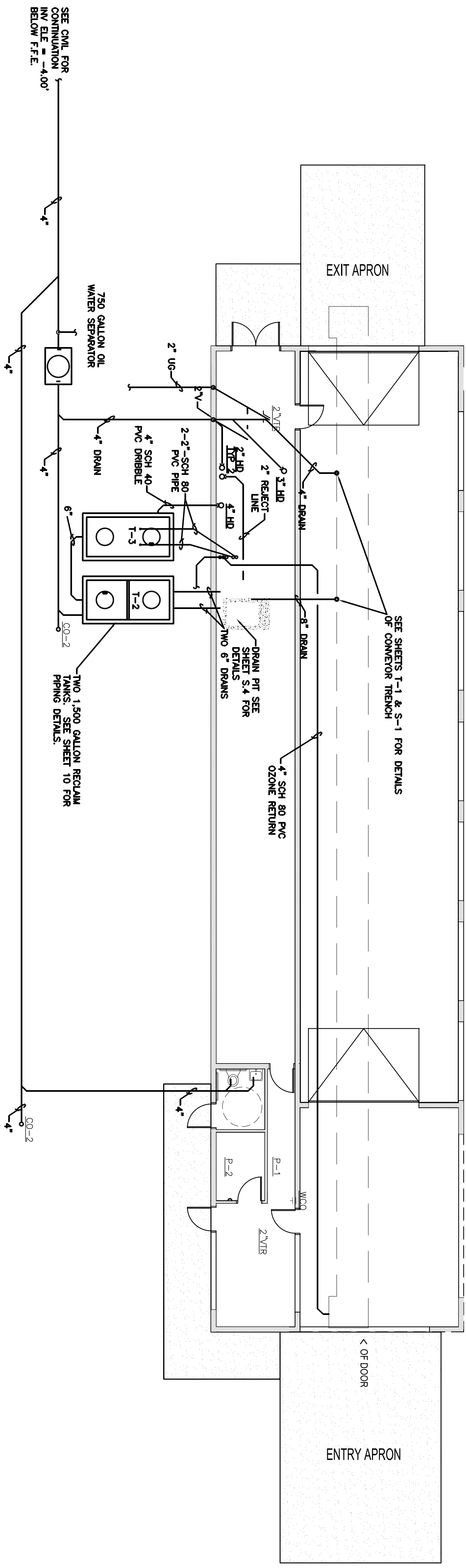


5 LOUVER DETAIL  
 M2 NOT TO SCALE



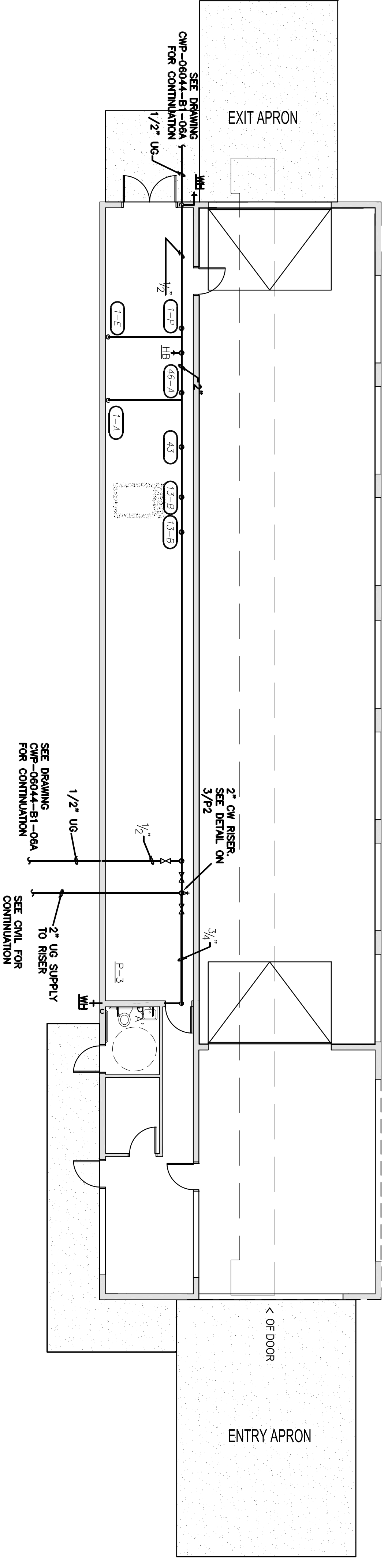
6 OHP SUPPORT DETAIL  
 M2 SCALE: NONE

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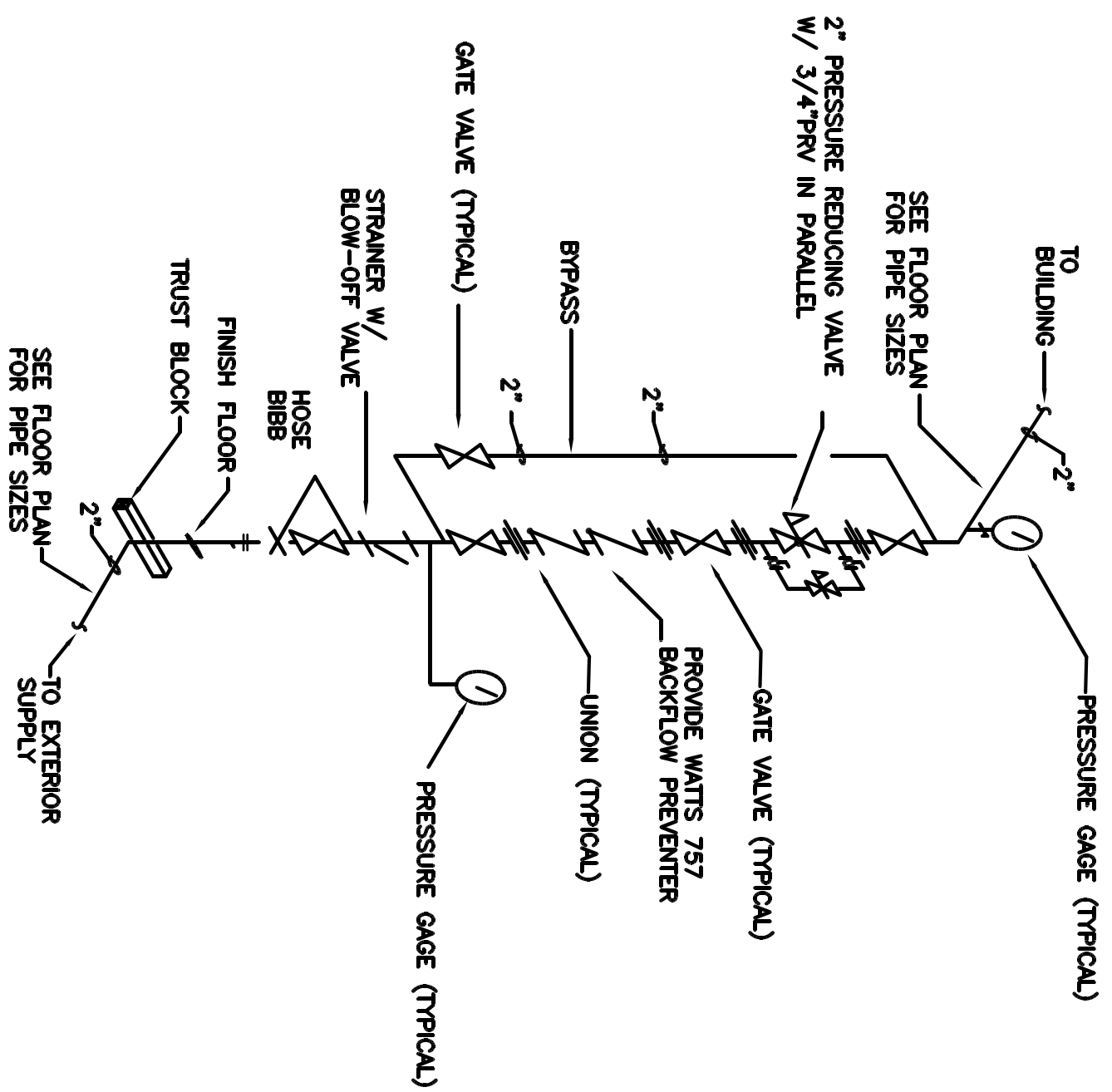
PLUMBING PLAN - RECLAIM & WASTE PIPING

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

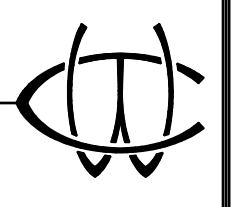


PLUMBING PLAN - COLD WATER PIPING

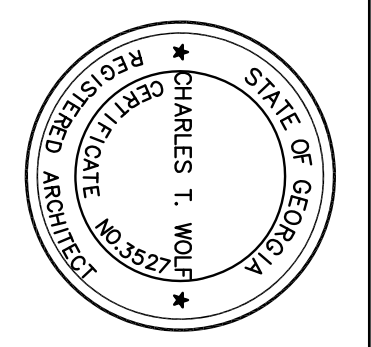
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PLUMBING COLD WATER RISER

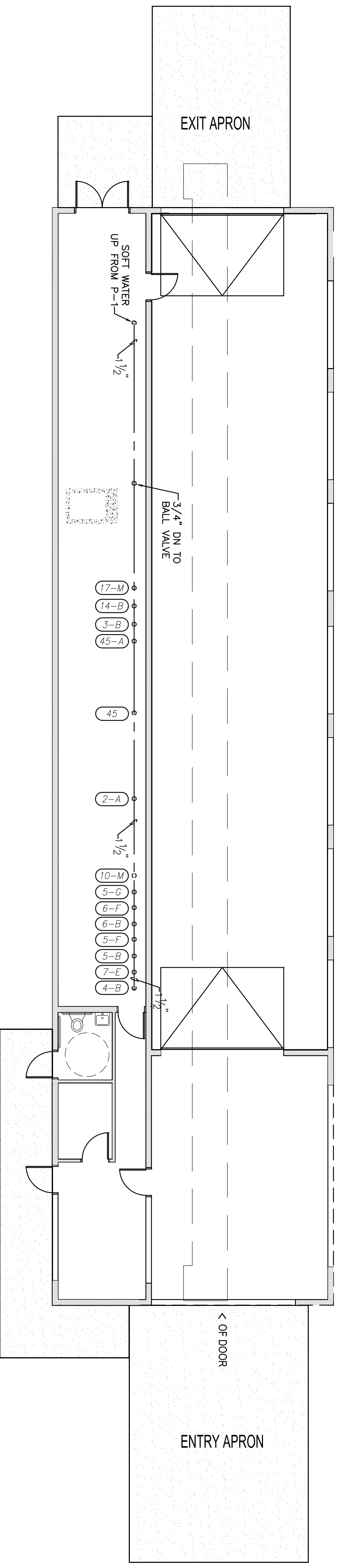


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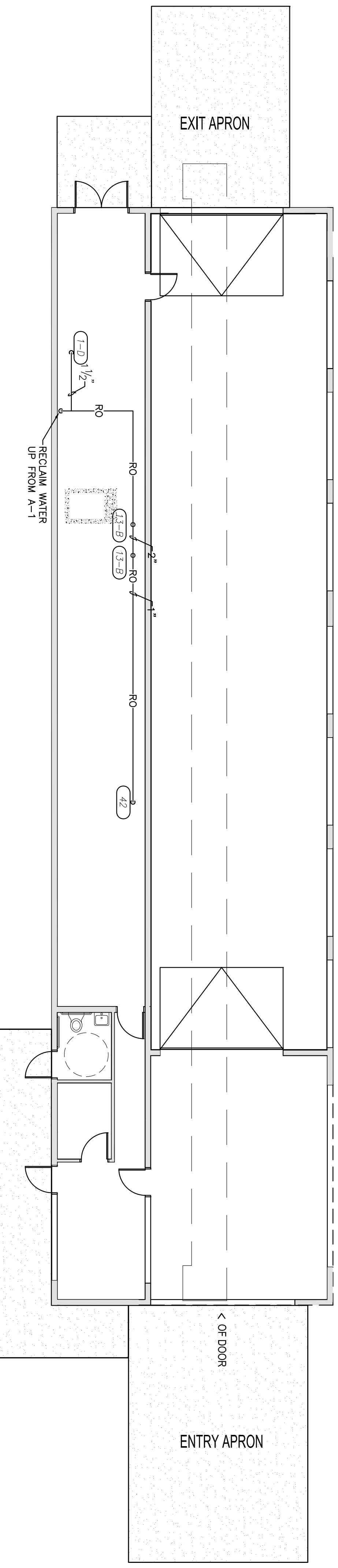
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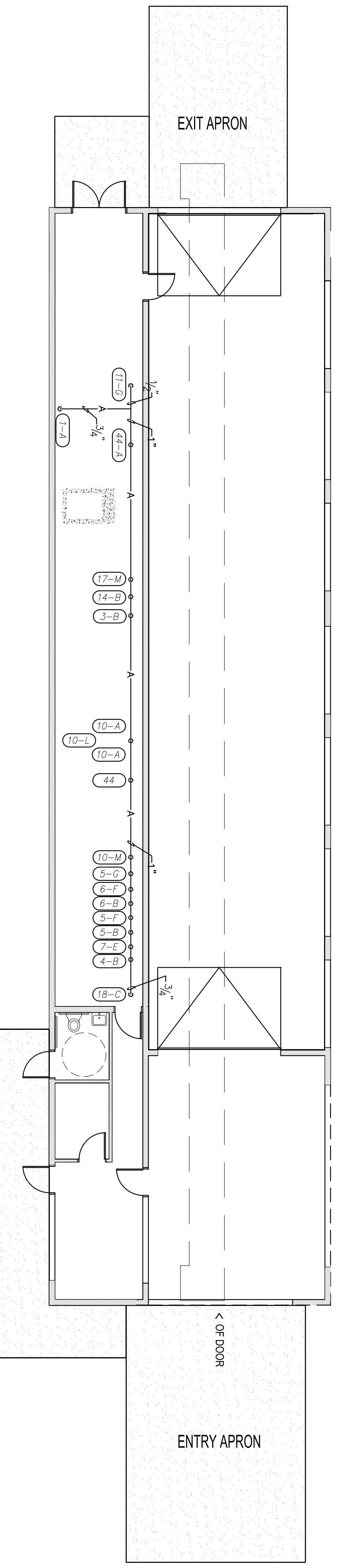
PLUMBING PLAN - SOFT WATER PIPING

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



PLUMBING PLAN - RECLAIM PIPING

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



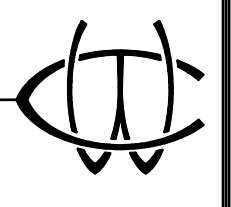
PLUMBING PLAN - PNEUMATIC PIPING

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

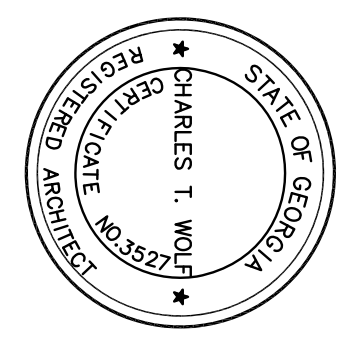
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## GENERAL PLUMBING NOTES

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE INCURRED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOT ALL EXISTING WORK IS SHOWN AND THAT SHOWN IS IN ITS APPROXIMATE LOCATION AND ARRANGEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS, ARRANGEMENTS, DEPTHS AND CONDITIONS AND IN THE DISCREPANCY TO CONTACT THE ARCHITECT IMMEDIATELY. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE BASIC INTENTIONS INDICATED BY THE DRAWINGS AND DETAILS.

EXACT LOCATIONS AND ROUTING REQUIREMENTS FOR ALL FIXTURES AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, LARGE SCALE ARCHITECTURAL DETAILS AND FIELD SURVEYING. ALL WORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS.

INVERT ELEVATIONS SHOWN SHALL BE VERIFIED ON THE JOB BEFORE INSTALLING ANY NEW PIPE.

INSTALL TEST-TEES WHEN THE SANITARY SEWER SYSTEM IS TO BE TESTED IN SECTIONS.

PIPING IS SHOWN IN ITS GENERAL LOCATION (UNLESS DIMENSIONED). EXACT LOCATION SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL PIPING WITH THE LOCATION OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK.

RESERS FOR FIXTURES, UNLESS OTHERWISE NOTED, SHALL BE CONCEALED IN WALLS OR PIPE CHASES.

MINIMUM SIZE WATER LINE FOR ANY TWO FIXTURES SHALL BE 3/4". REFER TO PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL FIXTURE RUNOUT SIZES.

INSTALL UNDERGROUND WATER LINE(S) ABOVE SOIL AND WASTE LINE(S). WATER LINE IN EXISTING TRENCH OR SOIL OR WASTE LINE IN EXISTING TRENCH SHALL BE INSTALLED WITH A MINIMUM LEDE WITH THE BOTTOM OF THE WATER LINE 12" (MIN.) ABOVE 100% OF SOIL OR WASTE LINE.

REFER TO ARCHITECTURAL FINISH SCHEDULE AND ELEVATIONS FOR DETAILS OF FLOORS WHERE FLOOR DRAINS AND CLEANOUTS ARE LOCATED.

INSTALL EXTERIOR WALL HYDRANTS 18" ABOVE FINISH GRADE EXCEPT AS NOTED OTHERWISE.

PROVIDE A MINIMUM COVER OF 30" FOR ALL LINES EXCEPT AS NOTED OTHERWISE ON THE DRAWINGS.

PROVIDE SLEEVES FOR PIPES PASSING THRU FLOORS, MASONRY WALLS AND FIRE OR SMOKE BUILDING DIRECTORY.

## PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE		COLD WATER	HOT WATER	KOHLER MODEL NUMBER
		CONN.	BRANCH			
P-1	WATER CLOSET (FLUSH TANK A.D.A. ADULT)	4"	2"	1/2"	1 1/2"	1) KOHLER MODEL NUMBER K-3544, PRESSURE ASSIST BENEKE 527-SS WHITE SEAT
P-2	LAVATORY (WALL HUNG) (ADA)	1-1/4"	1-1/2"	1/2"	1/2"	2) ARBON CHICAGO 802-V317CP FAUCET 29 MCGUIRE 155A GRID DRAIN K-2849, CHICAGO 802-V317CP FAUCET MCGUIRE 155A GRID DRAIN
P-3	WATER HEATER INSTANTANEOUS	-	-	1/2"	1/2"	ENMAX EX35SL 3.5KW, 48" RISE AT 0.5 GPM
WCO	WALL CLEANOUT	-	-	-	-	SMITH 4710
CO-2	CLEANOUT (EXTERIOR)	-	-	-	-	SMITH 4291 (UNPAVED AREA) SMITH 4031 (PAVED AREA)
HB	HOSE BIBB	-	-	3/4"	-	WOODFORD B-74 SERIES
WH	WALL HYDRANT	-	-	3/4"	-	WOODFORD B-65 SERIES
HD	HUB DRAIN	-	-	-	-	CHARLOTTE SV-136

### GENERAL WATER CONSERVATION

MAXIMUM WATER FLOW FOR FIXTURES: WATER CLOSERS = 1.6 GAL/FLUSH, URINALS = 1.0 GAL/FLUSH, LAVATORY FAUCET = 0.5 GPM, SHOWER HEAD = 2.5 GPM, SINK FAUCET = 2.5 GPM.

### PLUMBING FIXTURE SCHEDULE KEYNOTES

1. RIM HEIGHT FOR GUIDANCE ONLY. SEE ARCHITECT'S DRAWINGS FOR EXACT MOUNTING HEIGHT. ROUGH WATER AND SANITARY CONNECTION AS REQUIRED. RIM HEIGHT INCLUDES SPECIFIED SEAT ON WATER CLOSERS.
2. PROVIDE "TRIUREBO LAV GUARD" PROTECTIVE PIPE COVERS ON WASTE AND SUPPLY PIPING.
3. CONTRACTOR SHALL PROVIDE PROSET TRAP GUARDS FOR ALL HUB DRAINS.

## PLUMBING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	PNEUMATIC PIPE	—○—	COLD WATER
R	RECLAIM PIPE	—○—	BALL VALVE
	SANITARY, DRAIN, OR RECLAIM PIPE	—○—	GATE VALVE
	VENT	—○—	CHECK VALVE
	VENT THRU ROOF	—○—	PRESSURE REDUCING VALVE
BFP	BACKFLOW PREVENTER	—○—	HUB DRAIN
	GATE VALVE IN RISER	—○—	FLANGE
	UNION	—○—	CLEANOUT
	CLEANOUT PLUG	—○—	FLOOR DRAIN
WCO	WALL CLEANOUT	—○—	MANHOLE
	GATE VALVE IN BOX	—○—	WATER HAMMER ARRESTOR
	HOSE BIBB	—○—	STRAINER
PRV	PRESSURE REDUCING VALVE	—○—	WALL HYDRANT
FFE	FINISHED FLOOR ELEVATION	U/G	UNDERGROUND (BELOW GRADE)

## GENERAL NOTES

SEE CWP-06044-B1-SHEET 16 FOR PIPE RACK DETAIL OF COLD WATER, SOFT WATER, RECLAIM WATER, & PNEUMATIC PIPING ON EQUIPMENT ROOM WALL.  
SEE CWP-06044-B1-SHEET 06 FOR PIPING SCHEMATIC OF COLD WATER, SOFT WATER, RECLAIM & PNEUMATIC PIPING ON EQUIPMENT ROOM WALL.

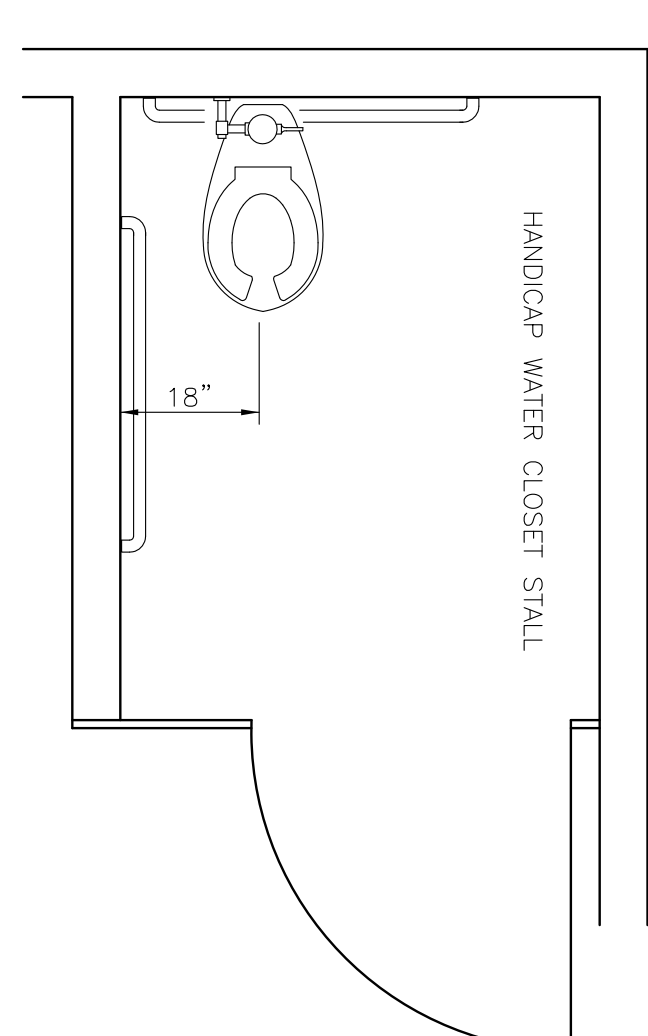
### CW, SW, RO & PNEUMATIC PIPING BRANCH LINE DROPS IN EQUIPMENT ROOM

SYMBOL	EQUIPMENT	CW	SW	RO	AIR
1-1	RECLAIM PUMP STATION	1 1/2"	-	2"	1/2"
1-2	FILTRATION SYSTEM	-	-	1 1/2"	-
1-3	REPRESSURIZER	1 1-2"	-	-	-
2-1	WATER SOFTENER SYSTEM	1 1/2"	-	-	-
2-2	PREP. GUN PUMP	-	3/4"	-	-
3-1	WHEEL CLEANER PUMP UNIT	-	3/4"	-	1/2"
3-2	BUG CLEANER PUMP UNIT	-	3/4"	-	1/2"
3-3	APPLICATOR PUMP STATION	-	3/4"	-	1/2"
3-4	DUAL APPLICATOR PUMP	-	3/4"	-	1/2"
3-5	DUAL FLOOR APPLICATOR PUMP	-	3/4"	-	1/2"
3-6	APPLICATOR #2 PUMP UNIT	-	3/4"	-	1/2"
3-7	DUAL APPLICATOR PUMP	-	3/4"	-	1/2"
3-8	DUAL CTA PUMP	-	3/4"	-	1/2"
3-9	AIR COMPRESSOR	-	-	-	1"
3-10	AIR COMPRESSOR	-	-	-	1"
3-11	AIR DRYER	-	-	-	3/4"
3-12	DUAL WRAP FOAMER PUMP	-	3/4"	-	1/2"
3-13	(T.S.A.) SUPPLY STATION	-	-	-	1/2"
3-14	H-25 STAND & CONT.	1"	-	1"	-
3-15	H-25 STAND & CONT.	-	-	-	1"
3-16	3 COLOR FOAMER PUMP STATION	-	3/4"	-	1/2"
3-17	SINGLE PUMP UNIT	-	3/4"	-	1/2"
3-18	CONVERTOR AIR SOLENOID	-	-	-	1/2"
3-19	SOLENOID CONTROL PANEL	-	-	1"	-
3-20	SOLENOID CONTROL PANEL	1"	-	-	-
3-21	SOLENOID CONTROL PANEL	-	-	-	1"
3-22	SOLENOID CONTROL PANEL	-	-	-	1"
3-23	SINGLE DOSATRON PUMP STATION	-	3/4"	-	-
3-24	TOP BRUSH PUMP STATION	-	3/4"	-	-
3-25	DUAL DOSATRON PUMP STATION	1"	-	-	-

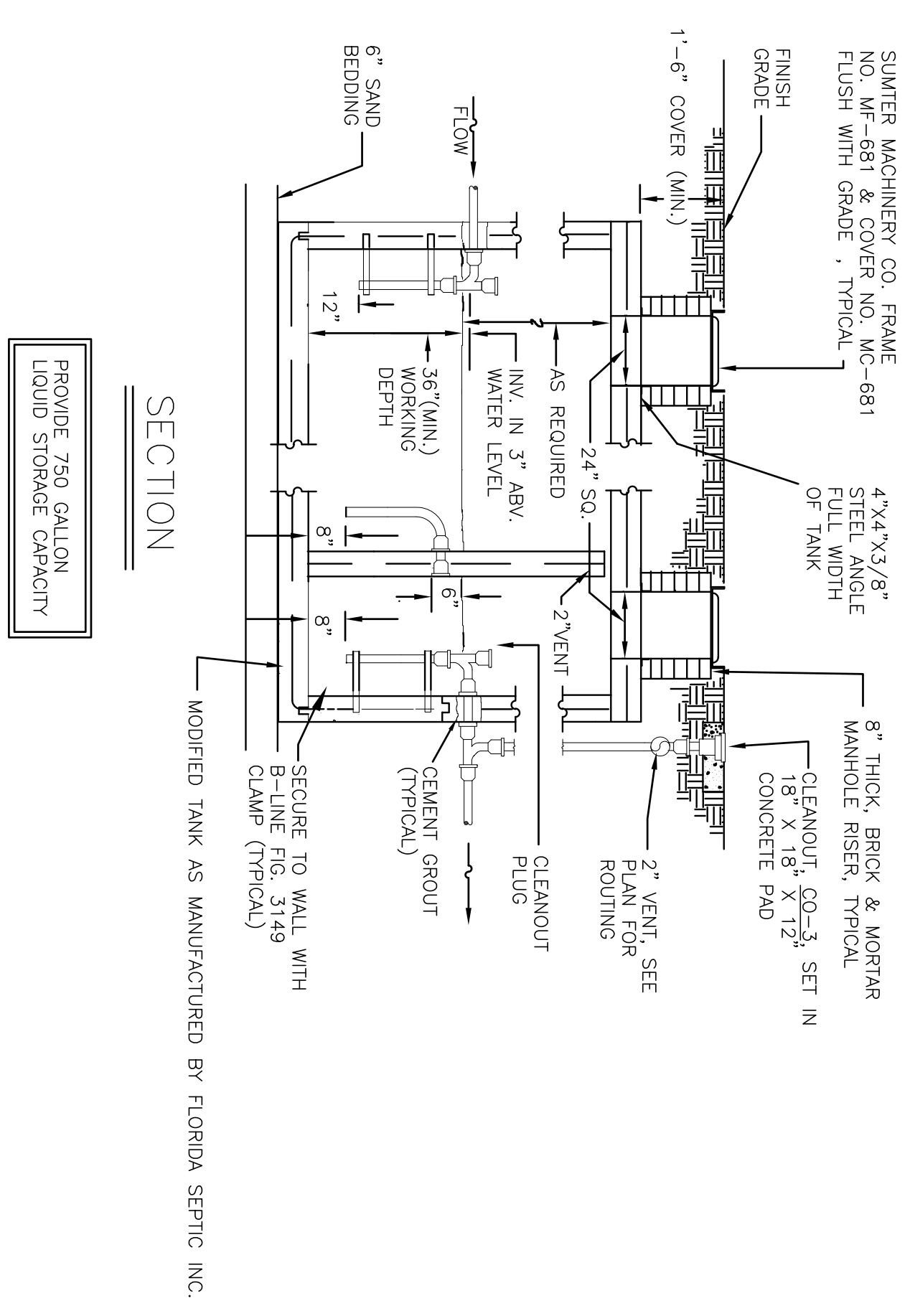
NOTE - PROVIDE BALL VALVE FOR ISOLATION ON EACH BRANCH LINE DROP TO EQUIPMENT FOR COLD WATER, SOFT WATER AND RECLAIM WATER. PROVIDE GATE VALVE ON PNEUMATIC BRANCH LINE DROPS.

### PLUMBING SPECIFICATIONS

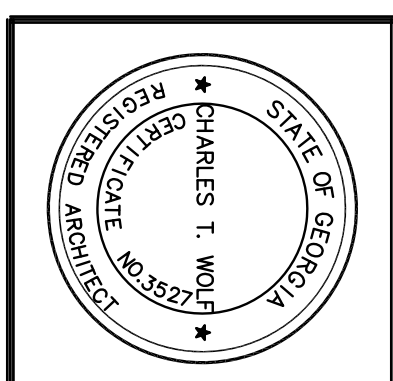
1. INSTALLATIONS SHALL CONFORM TO THE CURRENT EDITION OF THE FOLLOWING.
  1. THE INTERNATIONAL BUILDING CODE.
  2. THE INTERNATIONAL MECHANICAL CODE.
  3. THE INTERNATIONAL PLUMBING CODE.
  4. THE PLUMBING FIXTURE SCHEDULE.
  5. THE PLUMBING FIXTURE SCHEDULE KEYNOTES.
  6. NFPA STANDARD 70, NATIONAL ELECTRICAL CODE.
  7. NFPA STANDARD 90A, INSTALLATION OF AIR CONDITIONING AND VENTILATION SYSTEMS.
  8. NFPA STANDARD 101, CODE FOR SAFETY TO LIFE FOR FIRE IN BUILDINGS AND STRUCTURES.
2. MATERIALS AND WORKMANSHIP TO BE GUARANTEED FOR A PERIOD OF ONE YEAR.
3. SANITARY DRAIN AND VENT PIPE - SCHEDULE 40 ASTM D 2865 PVC PLASTIC PIPE WITH PVC SOCKET FITTINGS AND SOLVENT CEMENTED JOINTS.
4. RECLAIM TANK PIPING AND DRAINS (UNDERGROUND) - SCHEDULE 40 OR SCHEDULE 80 (IF NOTED) ASTM D 2865 PVC PLASTIC PIPE WITH PVC SOCKET FITTINGS AND SOLVENT CEMENTED JOINTS.
5. COLD WATER PIPING (ABOVE GROUND) - TYPE L HARD COPPER TUBE WITH COPPER SOLDER JOINT PRESSURE FITTINGS, SAME B1618 CAST COPPER ALLOY OR ASME B1622 WROUGHT COPPER.
6. COLD WATER PIPING (UNDERGROUND) - TYPE K COPPER WITH COPPER SOLDER JOINT PRESSURE FITTINGS AND SOLDER JOINTS. WRAP PIPING WITH TAR IMPREGATED TAPE TO PREVENT CONTACT WITH SOIL.
7. PNEUMATIC PIPING - TYPE K HARD COPPER TUBE WITH COPPER SOLDER JOINT PRESSURE FITTINGS AND SOLDER JOINTS.
8. RECLAIM PIPING (ABOVE GROUND) - TYPE L HARD COPPER TUBE WITH COPPER SOLDER JOINT PRESSURE FITTINGS ASME B1618 CAST COPPER ALLOY OR ASME B1622 WROUGHT COPPER.
9. VALVES FOR COLD WATER, RECLAIM, AND PNEUMATIC:
  - GATE VALVES CLASS 125 BRONZE, RISING STEM WITH SOLDERED ENDS.
  - CHECK VALVES CLASS 125 BRONZE, RISING STEM WITH SOLDERED ENDS.
  - GLOBE VALVES CLASS 125 BRONZE, RISING STEM WITH SOLDERED ENDS.
  - GLOBE VALVES CLASS 125 BRONZE OR CAST IRON TO SUIT PIPING SYSTEM.
10. COLD WATER PIPE INSULATION - 1" GLASS FIBER PREPARED PIPE INSULATION WITH ALL PURPOSE FACTORY APPLIED JACKET MEETING THE REQUIREMENTS OF ASTM C547 CLASS 1, RIGID PIPE INSULATION.
11. PRESSURE GAUGES, ASME B40.1 GRADE A PHOSPHOR-BRONZE BOLTERON-TUBE PRESSURE GAUGE. DRAWN STEEL CASE WITH 4-1/2" DIAMETER GLASS LENS. ACCURACY +-.1 PERCENT OF RANGE SPAN.



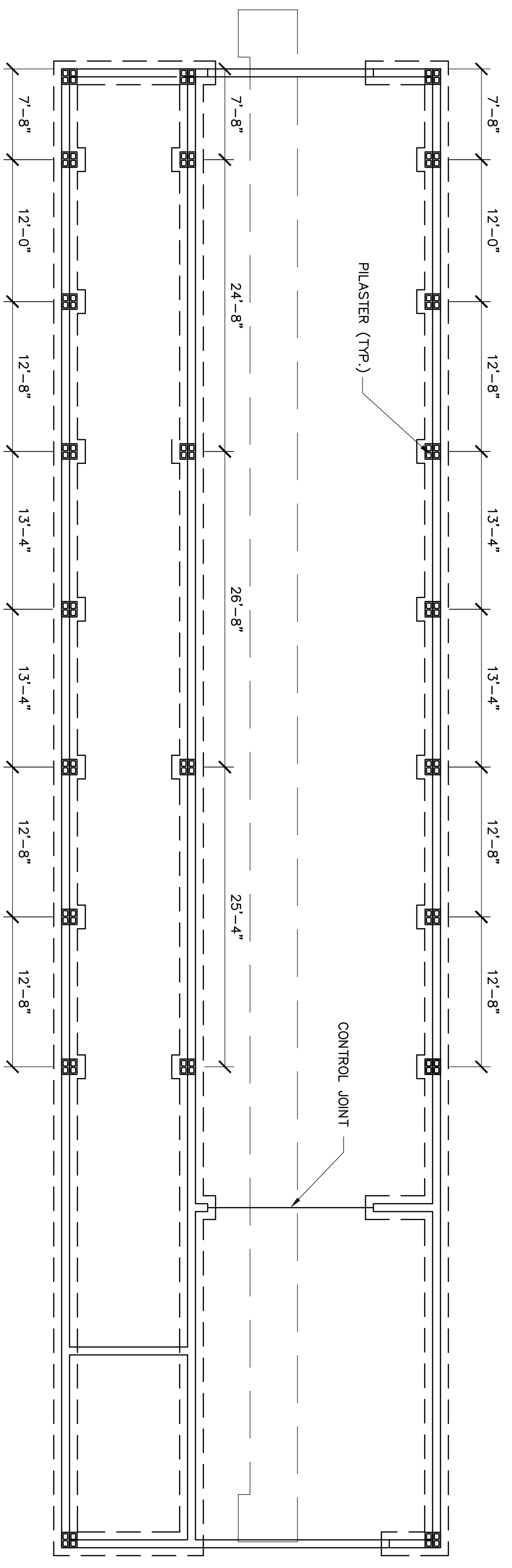
### CONTROL LOCATIONS AT HANDICAPPED WATER CLOSET



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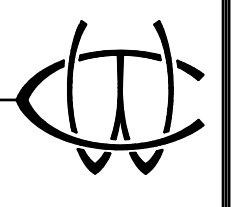
FOUNDATION PLAN

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

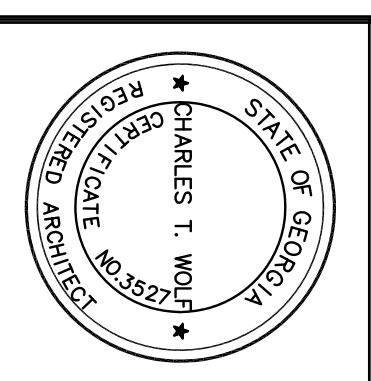
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DATE 7/7/15



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