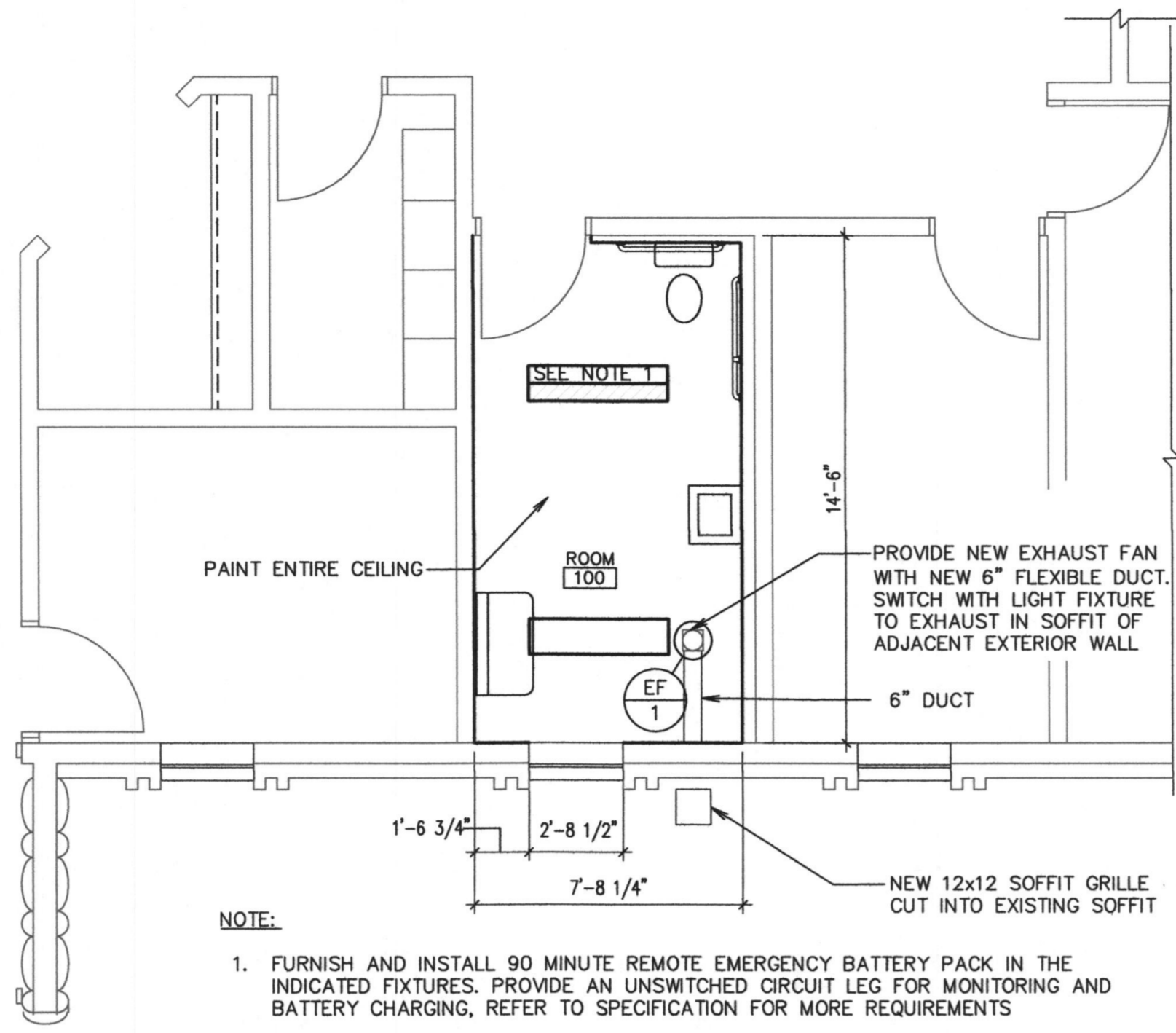


NOTE:

- FURNISH AND INSTALL 90 MINUTE REMOTE EMERGENCY BATTERY PACK IN THE INDICATED FIXTURES. PROVIDE AN UNSWITCHED CIRCUIT LEG FOR MONITORING AND BATTERY CHARGING, REFER TO SPECIFICATION FOR MORE REQUIREMENTS
- INSTALL ALL MISCELLANEOUS ITEMS THAT WERE SAVED TO WALLS IN PROPER LOCATION
- CONNECT NEW OUTLET TO EXISTING OUTLET CIRCUIT IN PANEL ACROSS HALL IN MECHANICAL ROOM. CONNECT NEW ON DEMAND WATER HEATER TO NEW CIRCUIT AND CONNECT WITH BREAKER AND CIRCUITRY FOR COMPLETE SYSTEM

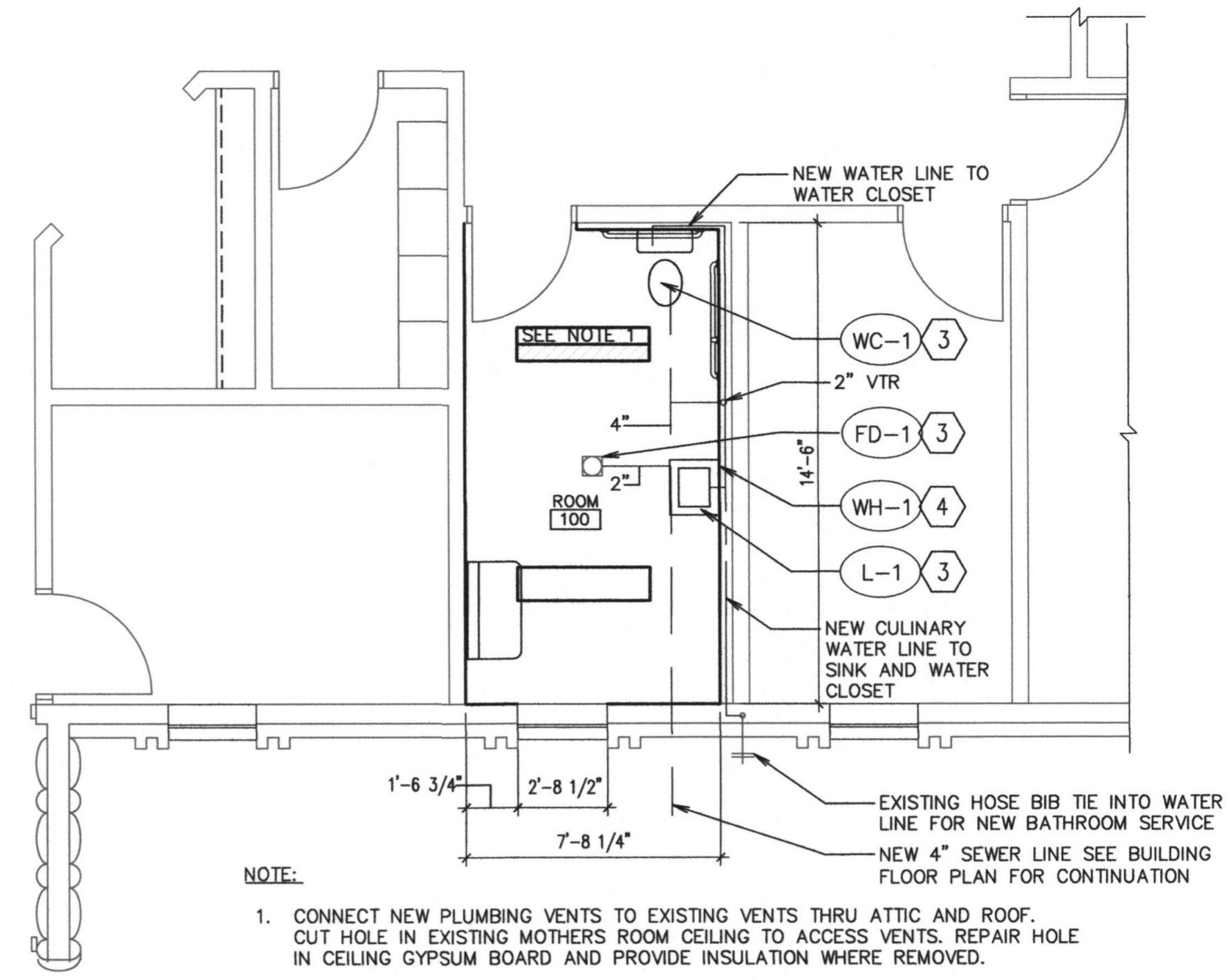
① ENLARGED ELECTRICAL PLAN
1/4" = 1'-0"



NOTE:

- FURNISH AND INSTALL 90 MINUTE REMOTE EMERGENCY BATTERY PACK IN THE INDICATED FIXTURES. PROVIDE AN UNSWITCHED CIRCUIT LEG FOR MONITORING AND BATTERY CHARGING, REFER TO SPECIFICATION FOR MORE REQUIREMENTS
- INSTALL ALL MISCELLANEOUS ITEMS THAT WERE SAVED TO WALLS IN PROPER LOCATION
- CIRCUIT EXHAUST FAN WITH THE ROOM LIGHTS AND CONTROL WITH OCCUPANCY SENSOR IN THE ROOM

② ENLARGED MECHANICAL PLAN
1/4" = 1'-0"



NOTE:

- CONNECT NEW PLUMBING VENTS TO EXISTING VENTS THRU ATTIC AND ROOF. CUT HOLE IN EXISTING MOTHERS ROOM CEILING TO ACCESS VENTS. REPAIR HOLE IN CEILING GYPSUM BOARD AND PROVIDE INSULATION WHERE REMOVED.
- INSTALL ALL MISCELLANEOUS ITEMS THAT WERE SAVED TO WALLS IN PROPER LOCATION
- INSTALL NEW FIXTURE, RECONNECT TO EXISTING WASTE, VENT, AND SUPPLIES
- EEMAX SP3512 ELECTRIC SINGLE POINT WATER HEATER 120V, SINGLE PHASE 3.5KW 29 AMPS

③ ENLARGED PLUMBING PLAN
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	PIPE SIZE					REMARKS
		TRAP	WASTE	VENT	C.W.	H.W.	
L-1	LAVATORY	1-1/4"	1-1/4"	1-1/2"	1/2"	1/2"	SELF SUPPORTING 20"x18", SEE ARCHITECTURAL ELEVATIONS ① ②
WC-1	WATER CLOSET	INT.	4"	2"	1/2"	-	FLUSH TANK, 18" RIM HEIGHT (ADA APPROVED)
FD-1	FLOOR DRAIN	2"	2"	2"	-	-	WITH DEEP SEAL P-TRAP & "TRAPGUARD". SEE DETAIL C/A1.3
WH-1	WATER HEATER	-	-	-	3/8"	3/8"	FOR LAVATORIES SINGLE POINT WATER HEATER SERIES ONE EEMAX

- ① WHEN MOUNTED PER ARCHITECTURAL ELEVATIONS, ADA ACCESSIBILITY REQUIREMENTS ARE SATISFIED
② PROVIDE WATER HEATER

ELECTRICAL EXHAUST FAN SCHEDULE

SYM	DESCRIPTION	CIRCUIT	FEEDER	VOLTS/Ø	DISCONNECT	STARTER	HP/WATTS	FLA
EF-1	EXHAUST FAN	EXISTING	2 #12	120/1	-	-	100 W	.8

EXHAUST FAN SCHEDULE

SYM	SERVES ROOM	MIN. S.C.F.M.	STATIONARY PRESSURE IN. W.G.	MINIMUM WATTS	REMARKS
EF-1	BATHROOM	75	0.25	81W	① ② ③

- ① CONTROL: INTERLOCK WITH LIGHTS
② VOLTAGE IS 115V / 1 PHASE / 60 HZ
③ PROVIDE BACKDRAFT DAMPER AND BALANCING DAMPER.

PLUMBING NOTES:

- IF CONTRACTOR ENCOUNTERS MATERIAL THAT MAY CONTAIN ASBESTOS, HE SHALL IMMEDIATELY STOP WORK IN THIS AREA AND NOTIFY OWNER.
- EXISTING PIPE LOCATIONS AND PIPE SIZES SHOWN HAVE BEEN TAKEN FROM EXISTING DRAWINGS, CONTRACTOR IS TO FIELD DETERMINE EXACT SIZE, ELEVATION AND LOCATION OF EXISTING PIPING INSIDE THE BUILDING AT SPECIFIED CONNECTION POINTS PRIOR TO STARTING ANY WORK.
- SAW CUT OR CORE DRILL ALL NEW PENETRATIONS THROUGH EXISTING MASONRY CONSTRUCTION.
- PATCH AND REPAIR ALL EXISTING SURFACES DAMAGED BY NEW CONSTRUCTION TO MATCH EXISTING.
- DEMOLITION - GENERAL
A. REMOVE ALL RELATED PIPING AND APPURTENANCES.
B. PATCH AND REPAIR ALL EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) TO MATCH EXISTING
- REMODEL - GENERAL
A. CONCEAL ALL PIPING/EQUIPMENT, AND APPURTENANCES UNLESS OTHERWISE NOTED.
B. REMOVE EXISTING SURFACES (WALL, ROOF, FLOOR, CEILING, ETC.) AS REQUIRED AND REPLACE TO MATCH EXISTING.
- ALL PLUMBING SHALL COMPLY WITH THE MOST STRINGENT OF APPLICABLE CODES, ORDINANCES OR THE SPECIFICATIONS.
- ALL FIXTURES SHALL BE PROPERLY VENTED TO THE ATMOSPHERE.
- FOR INDIVIDUAL LINE SIZES TO FIXTURES, SEE FIXTURE SCHEDULE
- PROTECT ALL PLUMBING PIPING WHICH IS TO REMAIN DURING ALL CONSTRUCTION ACTIVITIES
- MINIMUM SIZE OF PIPING BELOW SLAB IS 3/4"

STANDARD FIXTURE SCHEDULE								
TYPE	NAME	MANUFACTURER	CATALOG NUMBER	LOAD (VA)	LAMPS TYPES	MOUNTING	REMARKS	SYMBOL
F1	DAY-BRITE METALUX	OWN232-UNV-1/2-EB	WN-232A-UNV-GE-GE232MAXULTRA-U	56	2-28W T8 3000K	SURFACE	4'x10' FIXTURE WITH WRAP AROUND ACRYLIC LENS *ELECTRONIC BALLAST SEE SPEC 265100	4'x10'
	R.E. WILLIAMS	17-4-155/80X-A-DM-UNV	WN10-232-SSOUR-UE					
	LITHONIA	SB232 MVOLT APLP	AWN-232					
	COLUMBIA							

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	CEILING HT	SPECIAL TRIM OR EQUIPMENT
MAIN FLOOR							
100	ROOM	F1	B1	W1	C1	CH1	S11

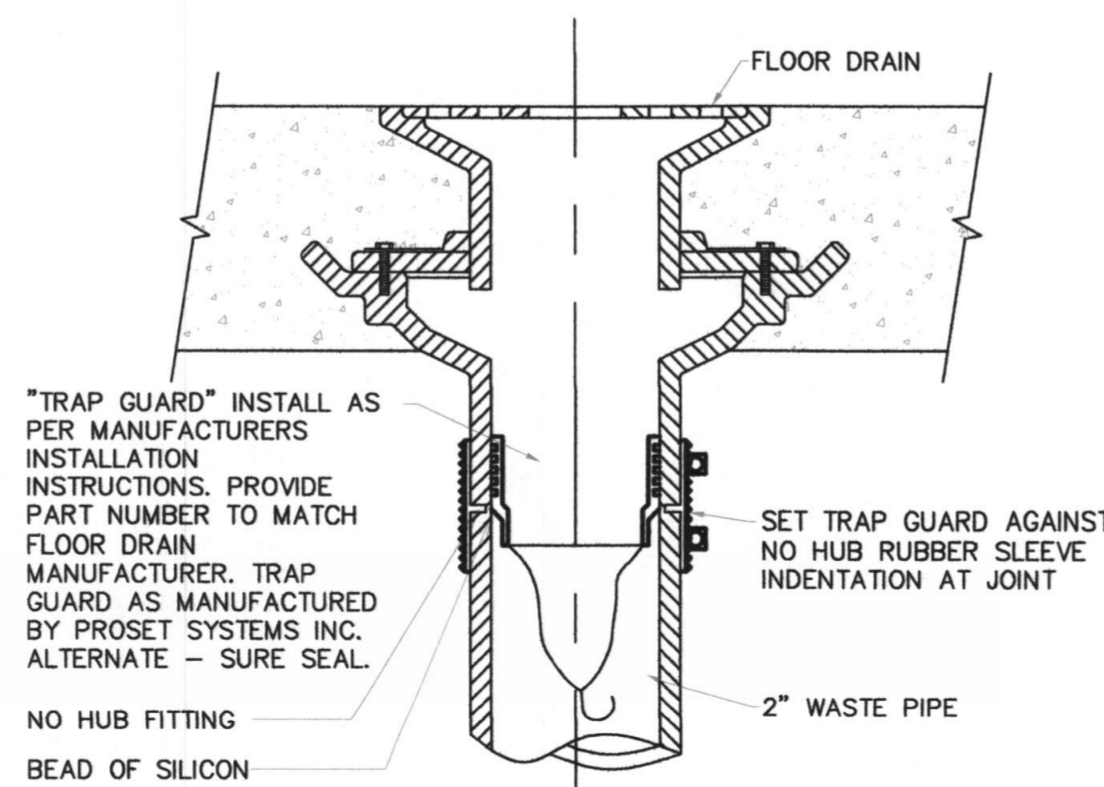
DESCRIPTION

F FLOOR	B BASE
F1 CERAMIC TILE	B1 CERAMIC TILE
W WALLS	CH CEILING HEIGHT
W1 CERAMIC TILE	CH1 7'-11 1/2"

C CEILING	NOTE: ALL PAINT IS COLOR LEVEL II UNLESS NOTED OTHERWISE
C1 5/8" GYPSUM BOARD-PAINTED	
S SPECIAL TRIM OR EQUIPMENT	
S1 GRAB BARS	

NOTE:

1. ALL ITEMS ARE NEW UNLESS NOTED AS EXISTING

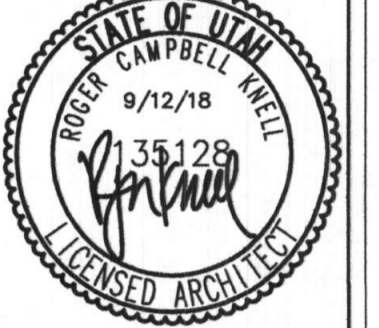


③ TRAP GUARD TRAP SEAL DETAIL
SCALE: NONE

Architect / Engineer:

KNELL ARCHITECTS, P.C.
45 EAST 300 NORTH, PROVO, UTAH 84606
PHONE: (800) 375-6264 FAX: (800) 377-4061

Stamp:



LAKE SHORE 3,
LELAND SP

575 WEST 400 NORTH
SPANISH FORK, UTAH

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Project Number: 518601318010101
Plan Series: R & I
Property Number: 518601318010101
Sheet Title: ENLARGED ELECTRICAL MECHANICAL AND PLUMBING PLANS
Sheet: A1.3

Sheet: A1.3