

Houston First Corporation

HILTON GUESTROOM CONVERSION - 19TH FLOOR

ISSUE FOR BID / PERMIT

12/01/2017

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

PROJECT NUMBER: 02.8339.000
EAB NUMBER: EABPRJB8805743

Gensler / Architect

Pennzoil Place
711 Louisiana Street, Ste. 300
Houston TX 77002
Telephone: 713.844.0000
Facsimile: 713.844.0001

OWNERS INTERIOR DESIGN
CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek
Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753
wilsonassociates.com

MEP ENGINEER:
**Hunt & Hunt Engineering
Corp.** / Phone: (713) 780-9554
Fax: (713) 780-9424
E-mail: lhunt@hhecorp.com
<http://www.hhecorp.com>



LOCATION MAP



VICINITY MAP



ABBREVIATIONS

3PL THIRD PARTY LOGISTICS	NIC NOT IN CONTRACT
A/C AIR CONDITIONING	NL NIGHT LIGHT
ACT ACOUSTICAL CEILING TILE	NTS NOT TO SCALE
ADJ ADJUSTABLE	OC ON CENTER
AFF ABOVE FINISHED FLOOR	OD OUTSIDE DIAMETER
AMP AMPERE	OF/CI OWNER
AOR PARTITION TYPES OF RECORD	FURNISHED/CONTRACTOR
ARCHPARTITION TYPES	INSTALLED
BOH BACK OF HOUSE	OF/OI OWNER FURNISHED/OWNER
	INSTALLED
CAB CABINET	PD PRODUCTION DESIGNER
CL CENTER LINE	PLC PLACE
CLG CEILING	PM PROJECT MANAGER
CM PROJECT DEVELOPMENT MANAGER	R RADIUS
CTR CENTER	RCM RENOVATIONS PROJECT
CWF COLD WATER FILTRATION	DEVELOPMENT MANAGER
CX COMMISSIONING	REF REFERENCE
CXA COMMISSIONING AGENT	REQ(D) REQUIRE(D)
	REV REVISION
DEG DEGREE	RESP RESPONSIBILITY
DET DETAIL	RND ROUND
DIA DIAMETER	
DIM DIMENSION	SB STARBUCKS
DM DESIGN MANAGER	SC SOLID CORE
DN DOWN	SF SQUARE FEET
	SHT SHEET
EA EACH	SIM SIMILAR
EL ELEVATION	SPEC SPECIFICATION
EOR ENGINEER OF RECORD	SQ SQUARE
EQ EQUAL	
EXISTEXISTING	TEMP TEMPORARY
EXT EXTERIOR	TYP TYPICAL
FF&E "FURNITURE, FIXTURE, AND EQUIPMENT"	UON UNLESS OTHERWISE NOTED
FIO FURNISHED AND INSTALLED BY OWNER	VD VENDOR DIRECT
FLR FLOOR	VERT VERTICAL
FOH FRONT OF HOUSE	VIF VERIFY IN FIELD
FT FOOT/FEET	
G GROUND	
GC GENERAL CONTRACTOR	
GYP GYPSUM WALL BOARD	
HC HOLLOW CORE	
HDW HARDWARE	
HM HOLLOW METAL	
HORIZ HORIZONTAL	
HR HOUR	
HT HEIGHT	
HVAC "HEATING, VENTILATING, AND AIR CONDITIONING"	
ID INSIDE DIAMETER	
LL LANDLORD	
MAX MAXIMUM	
MEP "MECHANICAL, ELECTRICAL, AND PLUMBING"	
MFR MANUFACTURER	
MIN MINIMUM	

PROJECT INFORMATION & CODE ANALYSIS

Project Name: Hilton Americas Guestroom Conversion - 19th Floor
 Project Location: 1600 Lamar Street FLR #19, Houston, Texas 77010
 Project Description: Interior renovation and conversion of approx. 3,885 SF of the former executive lounge into guestrooms.
 Applicable Codes
 2012 International Building Code
 2012 International Fire Code
 2012 Uniform Mechanical Code
 2017 National Electrical Code
 2012 Uniform Plumbing Code
 2015 International Energy Conservation Code
 2012 Texas Accessibility Standards
 City of Houston Amendments
 City of Houston Code Words

Existing Building:
 Permitted under 1997 Uniform Building Code, 1997 Uniform Fire Code
 Fully sprinklered
 Occupancy (1997 UBC)
 Mixed Use
 1. Hotel – Group R Division 1
 2. Exhibit – Group A
 3. Ballroom – Group A
 4. Meeting Room – Group A
 Construction Class (1997 UBC)
 1. Hotel – Type 1 FR / Unlimited Height / Unlimited Area
 2. Assembly – Type 1 FR / Unlimited Height / Unlimited Area
 Structural Fire Resistance Requirements (1997 UBC)
 1. Bearing Walls – Exterior – 4 Hour
 2. Bearing Walls – Interior – 3 Hours
 3. Non-Bearing Walls – Exterior – 4 Hours < 5 ft; 2 Hours < 20 ft; 1 Hour < 40 ft; NR >=40 ft.
 4. Structural Frame – 3 Hours
 5. Partitions-Permanent – 1 Hour
 6. Floors and Floor-Ceiling – 2 Hours

Code Analysis of Currrent Project: Interior renovation and conversion of former executive lounge (Existing Group R, Division 1) to Guestrooms (R-1)
 Existing Lounge/Hotel Occupancy – Group R Residential Division 1-Hotel 200 SF/OCC (1997 UBC)
 Proposed Occupancy – R-1 Residential-Hotel 200 SF/OCC (2012 IBC)
 Existing 19th Floor Occupant Load: 130 Occupants (1997 UBC)
 Proposed 19th Floor Occupant Load: No increase (2012 IBC)
 No change in existing egress plan (2012 IBC)
 Proposed work will include 1 water closet, 1 lavatory, 1 shower/bath tub per sleeping unit (2012 IBC)

Corridor Construction
 2012 IBC Table 1018.1
 Occupancy R (Sprinklered) 0.5 Hours required.

2012 IBC Table 803.9 Interior Wall and Ceiling Finish Required by Occupancy Group	Group R-1 Occupancy (Sprinklered)	Required	Provided
Exit enclosures & Exit Passageways		B	B
Corridors		C	C
Rooms & Enclosed Spaces		C	C

2012 IBC 804.4.1 Interior floor finish requirements
 Interior floor covering materials shall comply with requirements of DOC FF-1 "pill test" (CPS 16 CFR Part 1630) or with ASTM D 2859.

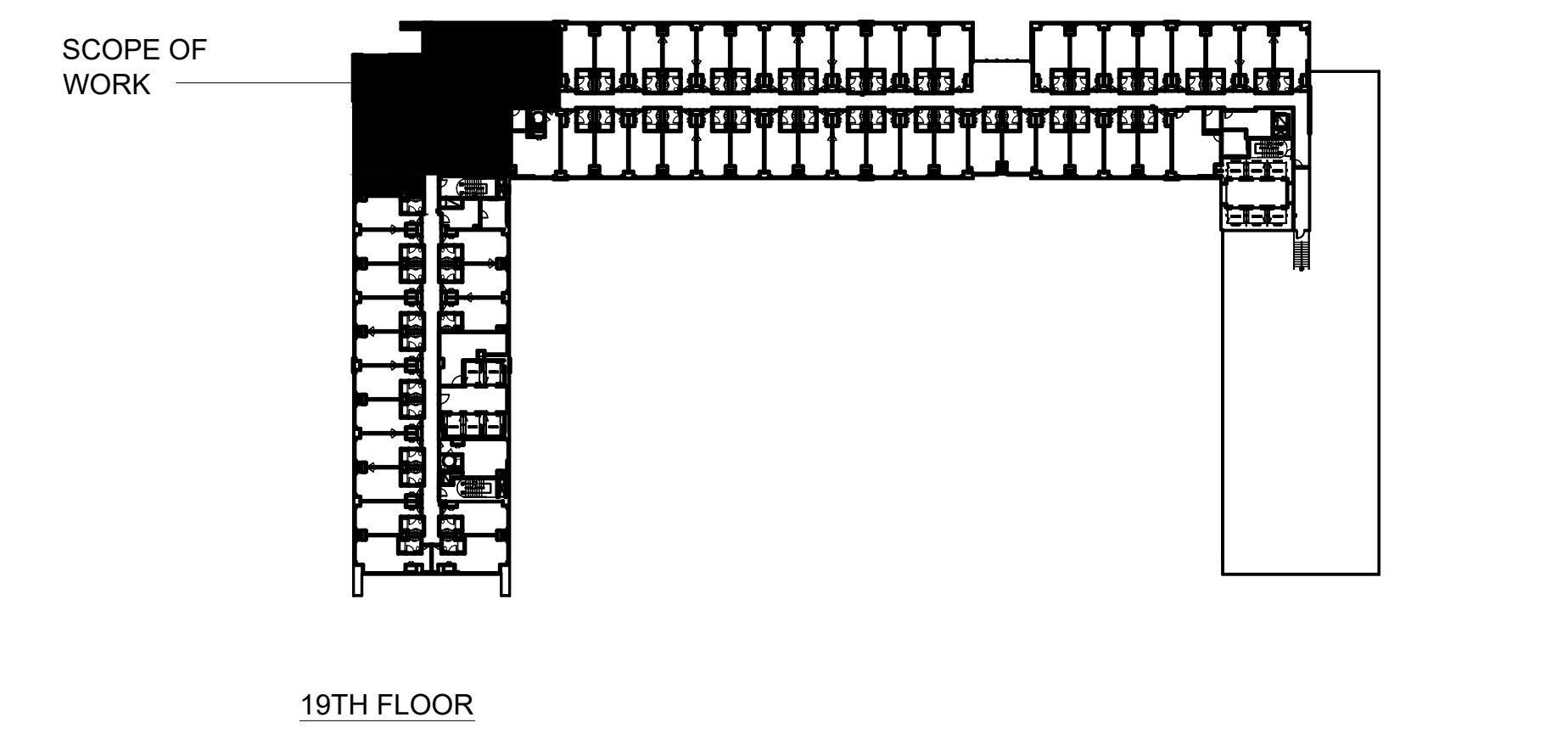
2012 IBC 804.4.2 Interior Floor Finish Minimum critical radiant flux
 A-2 Sprinkler Exception
 Stairways/Ramps & Exit Passageways
 Corridors
 Rooms & Spaces (not separated by corridors)
 All others

2012 Texas Accessibility Standards Analysis
 Scope of work: 8 guest rooms (7 new guest room build-out, 1 existing guest room alteration conversation of existing ADA to roll-in shower ADA)
 Table 224.2 Guest Rooms with Mobility Features
 Required rooms: 1
 Provided rooms: 1 - Roll-in Shower
 Table 224.4 Guest Rooms with Communication Features
 Required rooms: 2
 Provided rooms: 3

Existing 1200 Guest Room built under 1994 Texas Accessibility Standards
 Section 9.1.2 / Table 8 - Accessible Guest Rooms
 Required rooms: 22 + 12 Roll-in Shower = 34 rooms
 Existing rooms: 24 + 12 Roll-in Shower = 36 rooms
 Section 9.1.3 / Table 9 - Hearing Impaired Guest Rooms
 Required rooms: 34 required ADA + 22 additional = 56 rooms
 Existing rooms: 36 provided ADA + 20 additional = 56 rooms
 Analysis of 1207 Total Guest Room under 2012 Texas Accessibility Standards
 Table 224.2 Guest Rooms with Mobility Features
 Required rooms: 23 + 13 Roll-in Shower = 36 rooms
 Provided rooms: existing 24 - 1 conversation + existing 12 Roll-in Shower + 1 conversation Roll-in Shower = 36 rooms
 Table 224.4 Guest Rooms with Communication Features
 Required rooms: 59 rooms
 Provided rooms: existing 56 + 3 with scope of work = 59 rooms

Conversation of Tub to Roll-In Shower in Guest Room 19036 (Existing 1994 TAS Accessible Room to 2012 TAS Accessible Room with roll-in shower).
 Scope of work involves conversation of the following elements in : Existing tub to new roll-in shower.
 All other elements enjoy safe harbor (Section 106.5.7) as they were previously constructed in accordance with 1994 Texas Accessibility Standards.

PROJECT KEYPLAN



DRAWING INDEX

DRAWING NUMBER	DRAWING NAME	#	CURRENT ISSUE DATE	CURRENT ISSUE DESCRIPTION
A00.00	PROJECT INFORMATION, CODE ANALYSIS, DRAWING INDEX, ABBREVIATIONS AND SYMBOLS		11.30.2017	ISSUE FOR PERMIT
A00.30	SCHEDULES		11.30.2017	ISSUE FOR PERMIT
A00.31	SCHEDULES		11.30.2017	ISSUE FOR PERMIT
A00.32	NOT USED			
A00.33	DOOR TYPES AND HARDWARE		11.30.2017	ISSUE FOR PERMIT
A02.00	DEMO PLANS AND KEY PLANS		11.30.2017	ISSUE FOR PERMIT
A08.00	TYPICAL KING GUEST ROOM ENLARGED PLANS		11.30.2017	ISSUE FOR PERMIT
A08.01	TYPICAL KING AND QQ GUEST ROOM ENLARGED PLANS		11.30.2017	ISSUE FOR PERMIT
A08.02	TYPICAL QQ TUB GUEST ROOM ENLARGED PLANS		11.30.2017	ISSUE FOR PERMIT
A08.03	TYPICAL KING ADA BATH ENLARGED PLANS		11.30.2017	ISSUE FOR PERMIT
A08.04	PARLOR ENLARGED PLANS		11.30.2017	ISSUE FOR PERMIT
A08.05	CORRIDOR FLOOR PLAN		11.30.2017	ISSUE FOR PERMIT
A08.06	CORRIDOR FINISH AND POWER PLAN		11.30.2017	ISSUE FOR PERMIT
A11.00	TYPICAL KING ELEVATION		11.30.2017	ISSUE FOR PERMIT
A11.01	TYPICAL KING AND QQ ELEVATIONS		11.30.2017	ISSUE FOR PERMIT
A11.02	TYPICAL PARLOR ELEVATIONS		11.30.2017	ISSUE FOR PERMIT
A11.03	CORRIDOR ELEVATIONS		11.30.2017	ISSUE FOR PERMIT
A12.00	PARTITION TYPES		11.30.2017	ISSUE FOR PERMIT
A12.01	UL ASSEMBLIES		11.30.2017	ISSUE FOR PERMIT
A12.10	TYPICAL INTERIOR DETAILS		11.30.2017	ISSUE FOR PERMIT
A12.11	VANITY DETAILS		11.30.2017	ISSUE FOR PERMIT
A12.12	TYPICAL DETAILS		11.30.2017	ISSUE FOR PERMIT
A12.13	DETAIL MILLWORK		11.30.2017	ISSUE FOR PERMIT
A12.14	DETAIL MILLWORK		11.30.2017	ISSUE FOR PERMIT

MECHANICAL

M00.00	MECHANICAL LEGEND, DETAILS, DRAWING INDEX & GENERAL NOTES	11.30.2017	ISSUE FOR PERMIT
M02.00	MECHANICAL FLOOR PLAN - DEMOLITION	11.30.2017	ISSUE FOR PERMIT
M02.10	MECHANICAL FLOOR PLAN - FINAL	11.30.2017	ISSUE FOR PERMIT

ELECTRICAL

E00.00	ELECTRICAL LEGEND, FIXTURE SCHEDULE, DRAWING INDEX & GENERAL NOTES	11.30.2017	ISSUE FOR PERMIT
E02.00	ELECTRICAL LIGHTING PLAN-DEMOLITION	11.30.2017	ISSUE FOR PERMIT
E02.01	ELECTRICAL POWER PLAN - DEMOLITION	11.30.2017	ISSUE FOR PERMIT
E02.10	ELECTRICAL FLOOR PLAN - FINAL	11.30.2017	ISSUE FOR PERMIT
E06.01	ELECTRICAL PANEL SCHEDULES, RISER DIAGRAMS, AND DETAILS	11.30.2017	ISSUE FOR PERMIT

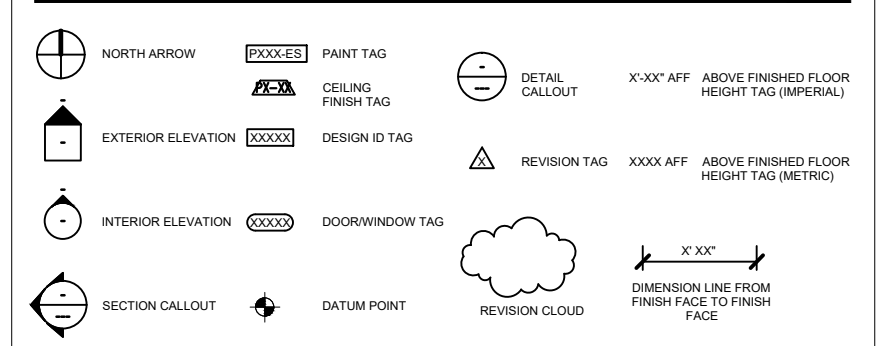
PLUMBING

P00.00	PLUMBING LEGEND, DETAILS, DRAWING INDEX & GENERAL NOTES	11.30.2017	ISSUE FOR PERMIT
P02.00	PLUMBING & FIRE PROTECTION FLOOR PLAN AND DEMOLITION	11.30.2017	ISSUE FOR PERMIT
P02.10	PLUMBING & FIRE PROTECTION FLOOR PLAN FINAL	11.30.2017	ISSUE FOR PERMIT

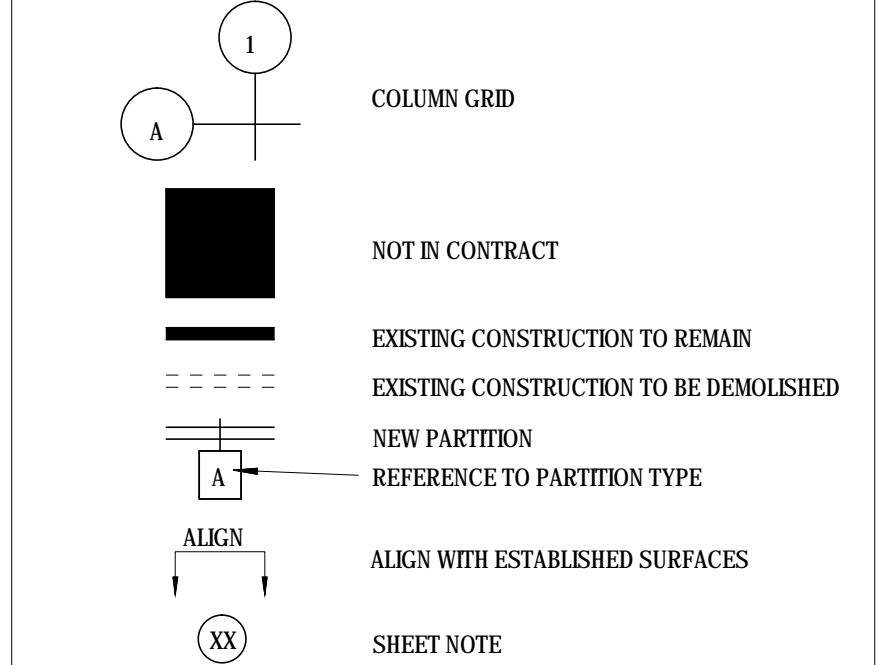
GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKINGS AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL CODES AND ORDINANCES.
- E. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- F. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY PARTITION TYPES OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- G. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
- H. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK.
- I. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS FOR THE PURPOSE OF THE DOCUMENTS. TO "INSTALL," SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS, AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATION INSTALLATION, UNLESS OTHERWISE NOTED.
- J. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE PARTITION TYPES.

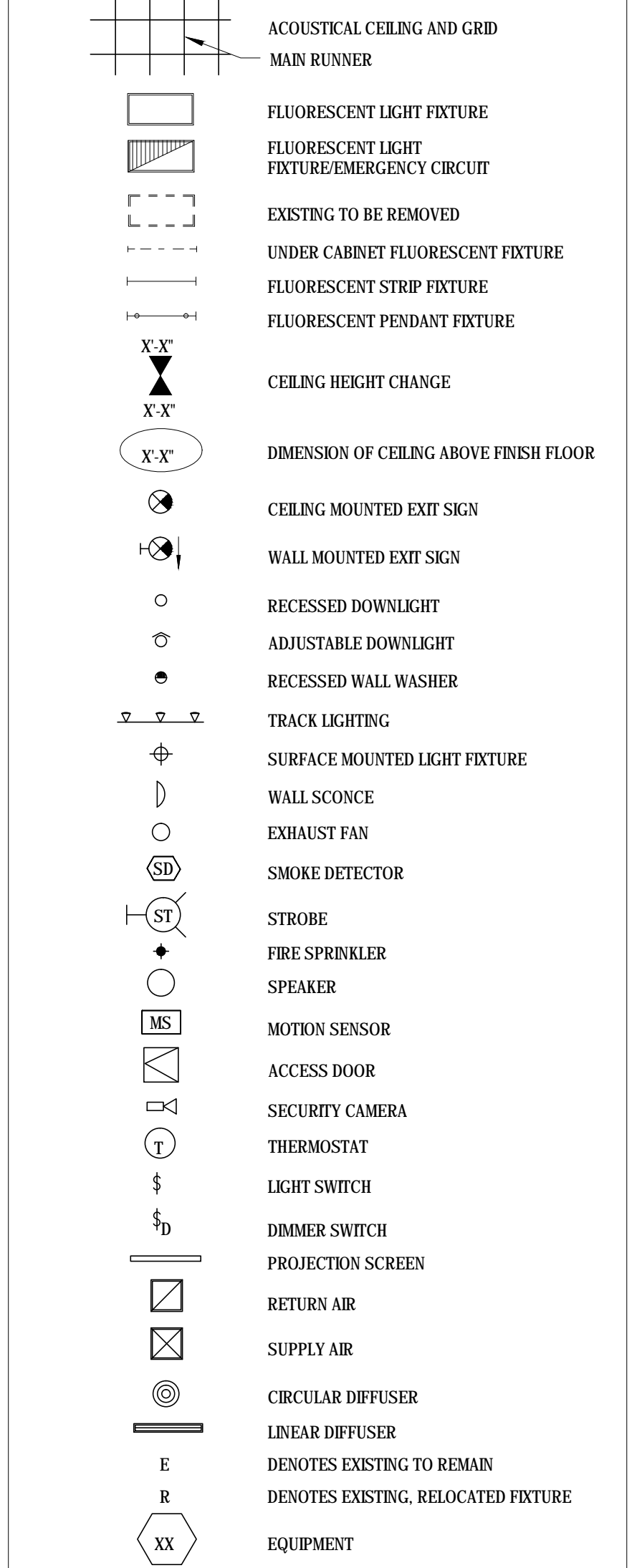
GRAPHIC SYMBOLS



CONSTRUCTION



REFLECTED CEILING



Houston First Corporation

HILTON AMERICAS
 1600 LAMAR ST. HOUSTON, TX 77010

Gensler
 Pennzoil Place
 711 Louisiana Street
 Suite 300
 Houston TX 77002
 Tel: 713.844.0000
 Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
 MEP Consultant
 PO Box 771294
 Houston, TX 77215
 713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
 WILSON ASSOCIATES
 3811 Turtle Creek Boulevard, Suite 1600
 Dallas, Texas 75219
 T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature

 DEC 1, 2017

Project Name
 HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
 02.8339.000

Description
 PROJECT INFORMATION, CODE ANALYSIS, DRAWING INDEX, ABBREVIATIONS AND SYMBOLS

Scale
 1/4" = 1'-0"

A00.00

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

SYMBOL	MANUFACTURER	PRODUCT NO.	FINISH	DESCRIPTION	SALES REP.
A1	Kohler	Memoirs K-490-CP	Polished chrome	Toilet Paper Holder	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
A2	Kohler	K-1896-CP	Polished chrome	Shower Basket	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
A3	Moen	CSR2164CH	Polished chrome	Curved Shower Rod	
A4	Kohler	K-492-CP	Polished chrome	Robe Hook	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
A5	Kohler	K-486-CP	Polished chrome	24" Towel Bar	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
A6	Kohler	K-14562-S	Polished chrome	24" Grab Bar	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
A7	Electric Mirror	Blush EMHL 10	Polished chrome	5 X magnification wall mounted lighted mirror	Trish Garrett trish@trish-hgarret.com 425-776-4946
A8	C.R. Lawrence	MT6X18CH	Polished chrome	Shower door towel bar	C.R. Lawrence
A9	Custom per typical room		Polished chrome	Round Bar drawer Pull at Vanity: $\frac{3}{4}$ " diameter x 10"L	
A10	Custom per typical room		Polished chrome	Curved towel Bar at Vanity: $\frac{3}{4}$ " x 2-91/2" approx.	

ACCESSORY SCHEDULE

Symb ol	Manufacturer	Product No.	Finish	Description	Sales Rep.
HW1	PEMKO	W/60 /6	Brushed Stainless Steel	Barn door track: Length 78 $\frac{3}{4}$ ", Kit includes Bar Bracket hangers, wood guide , and 2 stainless steel stops	PEMKO 800-824-3018
HW2	C.R. LAWRENCE	VIE180CH	Polished Chrome	Door Hinge	
HW3	IVES	WS65	US27	Wall Stop	
HW4	PEMKO	PDL-	Polished Chrome	Privacy Door Latch	PEMKO 800-824-3018
HW5	ELMES	TH-21061-CRP	Brass Chrome Plated	Recessed Pull, Door Thickness: 5-29/32" "H X 1 $\frac{1}{32}$ "	
HW6	C.R. LAWRENCE	DUL38BA	White	CRL Dry glazed U-channel	
HW7	C.R. LAWRENCE	P990WS	Clear	Bottom Wipe and Drip for Glass Door - $\frac{3}{8}$ " glass	
HW8	IVES	U698	626	Wide Angle Viewer	
HW9	HAFELE	102.64.418	Matte Chrome	Beverage Center Pull: 5 $\frac{7}{8}$ " x 1 $\frac{3}{16}$ "	
HW10	IVES	8105-8	Satin Chrome (B26D)	Closet Door Pull (Qty2)	
HW11	PEMKO ASSO ABLOY	PDLBRKT	US26	Privacy door latch bracket	

HARDWARE SCHEDULE - SHOWER DOOR, BARN DOOR AND CLOSET ACCESSORIES

Symbol	Manufacturer	Product No.	Finish	Description	Sales Rep.
P1	KOHLER	EVOKE - K-6332-CP	Polished Chrome	Sink Faucet	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P2	KOHLER	VAULT K-3840-1	Stainless Steel	Undermount bar sink	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P3	KOHLER	Cimarron K-6418-0	White	Floor Mounted Water Closet	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P4	KOHLER	Caxton K-2211-0	White	Undermount sink	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P5	KOHLER	Memoirs K-454-4S-CP	Polished Chrome	Deck mounted sink faucet set	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P6	KOHLER	Dynametric K-520-CP	White	5' bath tub	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P7	KOHLER	K-TS10276-4-CP	Polished Chrome	Shower head	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P8	KOHLER	K-TS10275-4-CP	Polished Chrome	Pressure Balancing Valve trim	Clint Morgan, clint.morgan@kohler.com (469) 534-1695
P9	Signature Hardware	Reid	Polished Chrome	32" x 4" linear shower drain	

PLUMBING SCHEDULE

HW12	HAFELE	117.05.600	Stainles Steel	ROUND BAR HANDLE	
HW13	RICHELIEU	ROUND ROD -1215608140	Chrome	1 5/16" diameter x 8'-1" Round Closet Rod	
HW14	RICHELIEU	CLOSET ROUND SUPPORT #1225140	Chrome	Closet Rod	
HW15	ENTRY DOOR	SEE DOOR SCHEDULE			
HW16	CONNECTOR DOOR	SEE DOOR SCHEDULE			

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL CODES AND ORDINANCES.
- E. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- F. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY PARTITION TYPES OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
- G. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK.
- H. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
- I. FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL", SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS, AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATION INSTALLATION, UNLESS OTHERWISE NOTED.
- J. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE PARTITION TYPES.

GRAPHIC SYMBOLS

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Hunt & Hunt Engineering Corp.

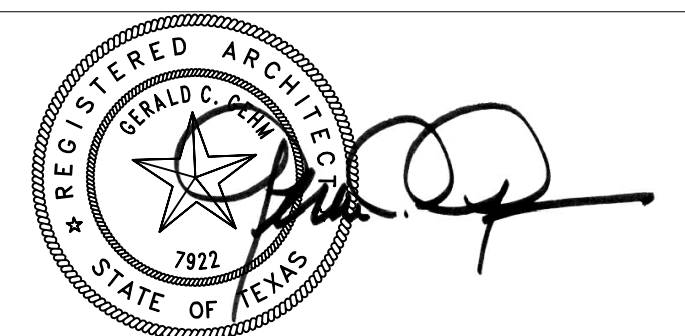
MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
PLUMBING, ACCESSORY AND HARDWARE SCHEDULES

Scale
1/4" = 1'-0"

A00.30

© 2017 Gensler

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL CODES AND ORDINANCES.
- E. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- F. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY PARTITION TYPES OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
- G. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK.
- H. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
- I. FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL", SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS, AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATION INSTALLATION, UNLESS OTHERWISE NOTED.
- J. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE PARTITION TYPES.

GRAPHIC SYMBOLS

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.

MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

SYMBOL	MANUFACTURER/DESCRIPTION	SYMBOL	MANUFACTURER/DESCRIPTION	SYMBOL	MANUFACTURER/DESCRIPTION
CP-1	CARPET Type:1/10 Infinity T/S Color: CM60811 Colors:93247, 93205,93507 Weight:32 OuncePat. Rep. 72" x 79.80" Location:Guestroom carpet Manufacturer: Clayton Miller Contact:Bryan Miller(706) 280-5806 bryan@mintgroupusa.com	PT-3	PAINT Product #:1473 Gray Huskie Finish:Eggshell finish Location:Window wall paint Manufacturer: Benjamin Moore Shawne Townsley shawne.townsley@benjaminmoore.com 214-862-6156	ST-3	STONE Product:Boticino Size:slabThickness:2cm Finish:Polished Location:Guestroom Bath Threshold Manufacturer: Dal Tile Shannon Polak shannon.polak@daltile.com 214-392-3000
	CP-2		CARPET Type:Tapistron Color: T6740 Colors:93247, 93205, 93247, 93205, 93249 Weight:42 Ounce Pat. Rep. 72" x 180" Location:Corridor carpet Manufacturer: Clayton Miller Contact:Bryan Miller (706) 280-5806 bryan@mintgroupusa.com		PT-4
CT-1		CERAMIC TILE Product #:Haut Monde Color:Aristocrat creamHM07 unpolished Size:2" x 2" Grout:Custom Building Products386 Oyster Gray Location:Shower floor Manufacturer: Dal Tile Shannon Polak shannon.polak@daltile.com 214-392-3000	PT-5	PAINT Product #:OC-20 Finish:semi gloss enamel Location:Grill under bath vanity Manufacturer: Benjamin Moore Shawne Townsley shawne.townsley@benjaminmoore.com 214-862-6156	
	GL-1	GLASS Unique Haiku Stone and Glass Blend Mosaic on 12 x 12 W87UNIQHA1212MOB UOMP: SF Grout: Laticrete 23 Antique white Location:Typ. Bath Manufacturer: Emser Paula Greenroy 469-265-6804 paulagreenroy@emser.com		PT-6	NOT USED
GL-2		GLASS 3/8" clear tempered glass Location:Shower door Manufacturer: Bendheim	PT-7		PAINT Product #:OC-66 Finish: Epoxy finish Location: Bathroom ceiling paint Manufacturer: Benjamin Moore Shawne Townsley shawne.townsley@benjaminmoore.com 214-862-6156
	GL-3	GLASS WAAS-1325 Max. size: 60" x 120"safety laminate Location: Barn door at bath Manufacturer: Bendheim		ST-1	STONE Product:Boticino FioritoM704 Size:12" x 12" Thickness:3/8"Finish:Polished Base Size (if applicable): Location:Guestroom Bath Manufacturer: Dal Tile Shannon Polakshannon.polak@daltile.com214-392-3000
PT-1		PAINT Product #:OC-66 Finish:flat latex Location:Ceiling Paint Manufacturer: Benjamin Moore Shawne Townsley shawne.townsley@benjaminmoore.com 214-862-6156	ST-2		STONE Product: Desert Sand Granite Size:slabThickness:2cm slabs Finish:polishedBase Size (if applicable): Location:Guestroom bath, Beverage Center Built in bar, built in desk Manufacturer: To match existing
	PT-2	PAINT Product #:1473 Gray Huskie Finish:semi gloss enamel Location:Window sill, Door casing, Wall grill, paintAC, grill paint, Closet shelf Manufacturer: Benjamin Moore Shawne Townsley shawne.townsley@benjaminmoore.com 214-862-6156			

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
FINISH SCHEDULES

Scale
1/4" = 1'-0"

DEMOLITION SHEET NOTES

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Gensler

Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

DOOR HARDWARE

HARDWARE SET #G201 - GUESTROOM ENTRY DOOR SINGLE - RATED 20 MINS / SMOKE

3 EA	BUTTS	TA-2714 4.5" x 4"	US 10B	MCKINNEY
1 EA	LOCKSET	SAFLOK ELECTRONIC CARD LEVER LOCKSET	US 10B	SAFLOK
1 EA	CLOSER	EB-1431-RO	US 10B	SARGENT
1 EA	WALL STOP	1270 SERIES x REQUIRED FASTENERS	US 10B	TRIMCO
1 EA	DOOR VIEWER	698B	US 10B	IVES
1 EA	DOOR GUARD	482	US 10	IVES
1 SET	GASKETS	5050	BROWN	PEMCO
1 EA	CONC. AUTO DOOR BOTTOM	682 OR 683		NGP

HARDWARE SET #G202 - GUESTROOM CLOSET DOOR DOUBLE

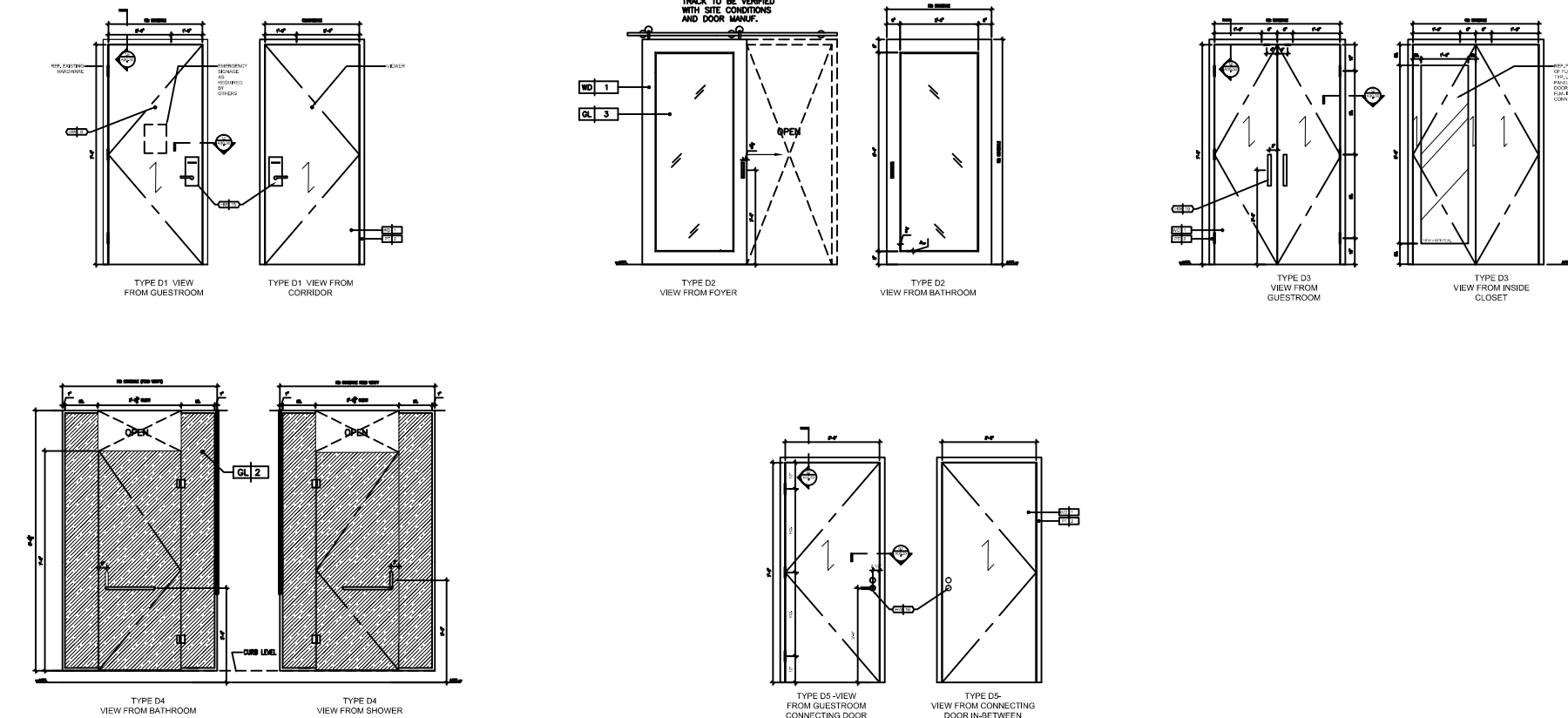
6 EA	BUTTS	T-2714 4.5" x 4"	US 10B	MCKINNEY
2 EA	ROLLER LATCHES	1559 x 1559A STRIKE	US 10B	TRIMCO
2 SETS	SINGLE DUMMY LEVER TRIM	8293 LNB	US 10B	SARGENT
2 EA	SILENCERS	1229A		TRIMCO

HARDWARE SET #G204 - GUESTROOM CONNECTING DOOR

3 EA	SPRING HINGES	1502 4.5" x 4"	US 10B	MCKINNEY
1 EA	DEAD LOCK	485 (CYLINDER GUESTROOM SIDE)	US 10B	SARGENT
1 EA	LEVER LATCH	8215 LNB (LEVER GUESTROOM SIDE)	US 10B x WBS	SARGENT
		x LESS INSIDE TRIM		
1 EA	DOOR STOP	61MB	US 10B	IVES
1 EA	DOOR GUARD	482	US 10B	IVES
1 SET	GASKETS	5050	BROWN	PEMCO
1 EA	CONC. AUTO DOOR BOTTOM	682 OR 683		NGP

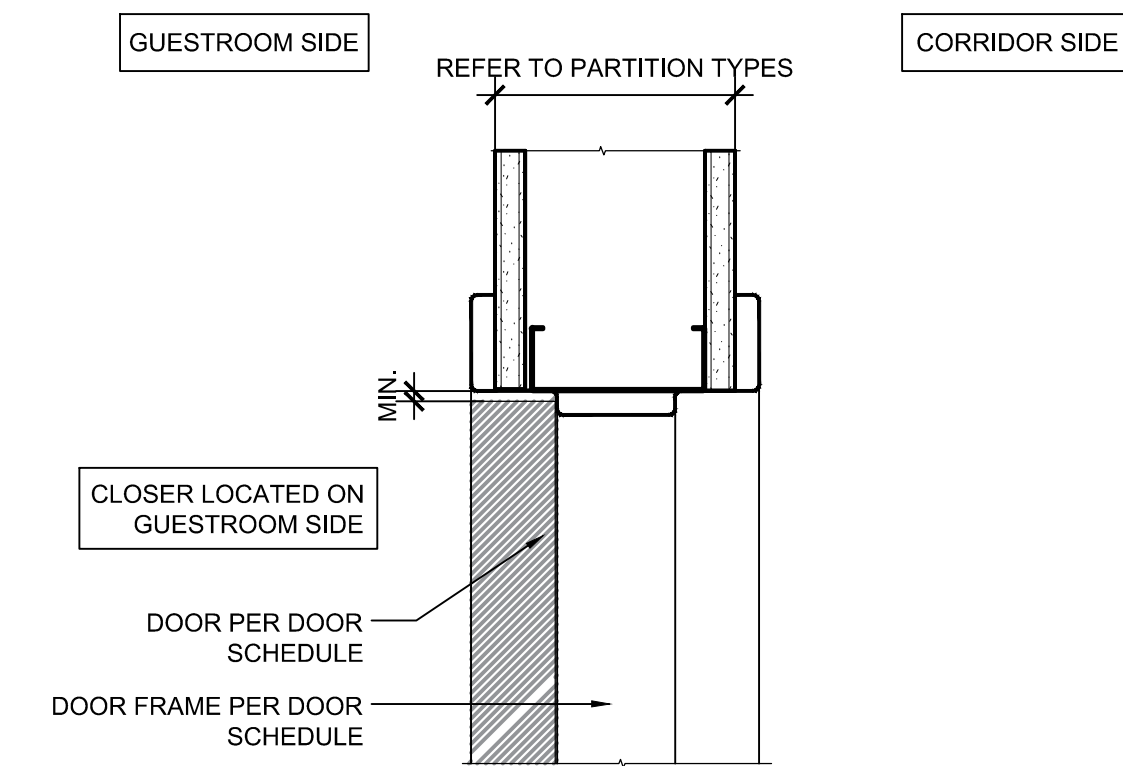
No.	Location	Type	Door				Frame				Assembly			Remarks	
			Width	Height	Thickness	Material	Finish	Head	Jamb	Material	Finish	Fire Rating	Smoke/Label		Hardware Group
G01	ENTRY DOOR	D1	3' - 0"	7' - 0"	1 3/4"	WOOD	*WD-1	15/A00.30	11/A00.30	HM	PT-2	20 MIN.	Smoke	G201	To Corridor- Guestroom Card Reader
G04	CONNECTING DOOR	D5	3' - 0"	7' - 0"	1 3/4"	WOOD	*WD-1	07/A00.30	02/A00.30	HM	PT-2	45 MIN.	C-Label	G204	(2 Doors 1 Frame) 2 Sets of Hardware per pair of door
G03	CLOSET DOOR	D3	(2)2'-0"	7' - 0"	1 3/4"	WOOD	*WD-1	16/A00.30	12/A00.30	HM	PT-2			G202	
	BARN DOOR TO BATHROOM	D2	3'-4"	7' - 2"	1 3/4"	WOOD/GLASS	*WD-1	08/A00.30		HM	PT-2				Hardware listed on the Hardware Schedule listed on A00.30
	SHOWER DOOR W/ TWO GLASS DOOR SIDE LIGHTS	D4	4'-11" OAW	8' - 3 1/2" OAH	3/8" TEMPERED GLASS	GLASS	GL-2								Hardware listed on the Hardware Schedule listed on A00.30

*HONDURAN MAHOGANY STAIN, FIELD VERIFY WITH EXISTING

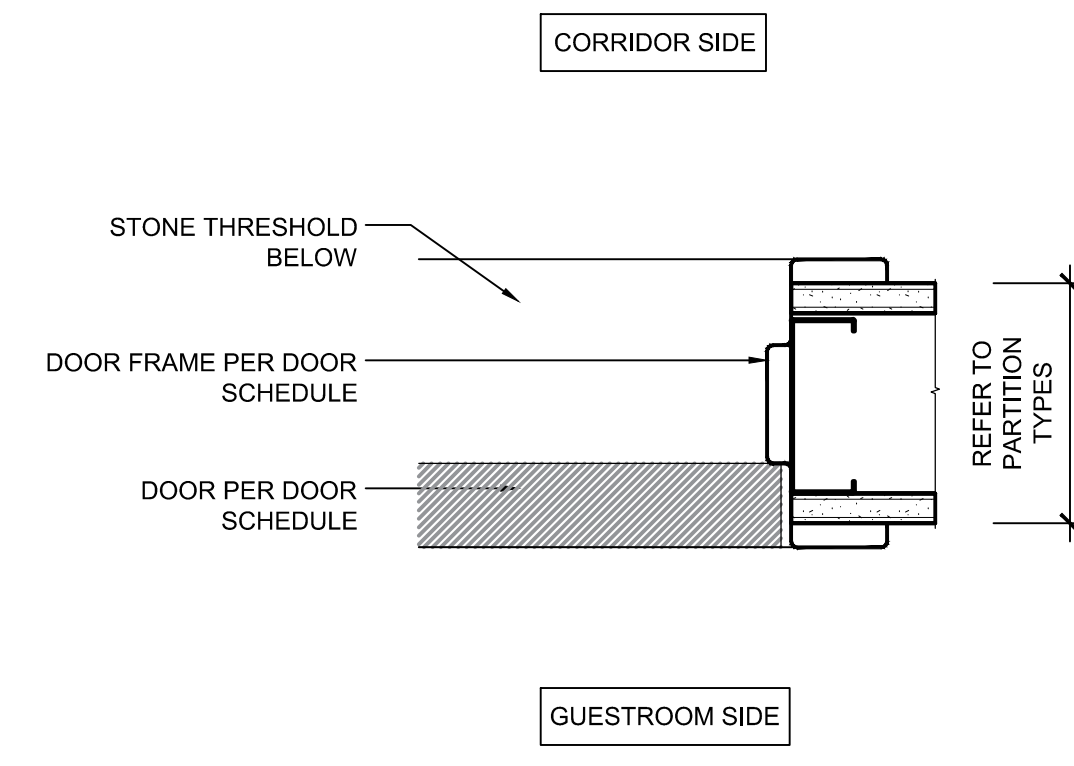


DOOR SCHEDULE / DOOR TYPES/ DOOR HARDWARE SCHEDULE

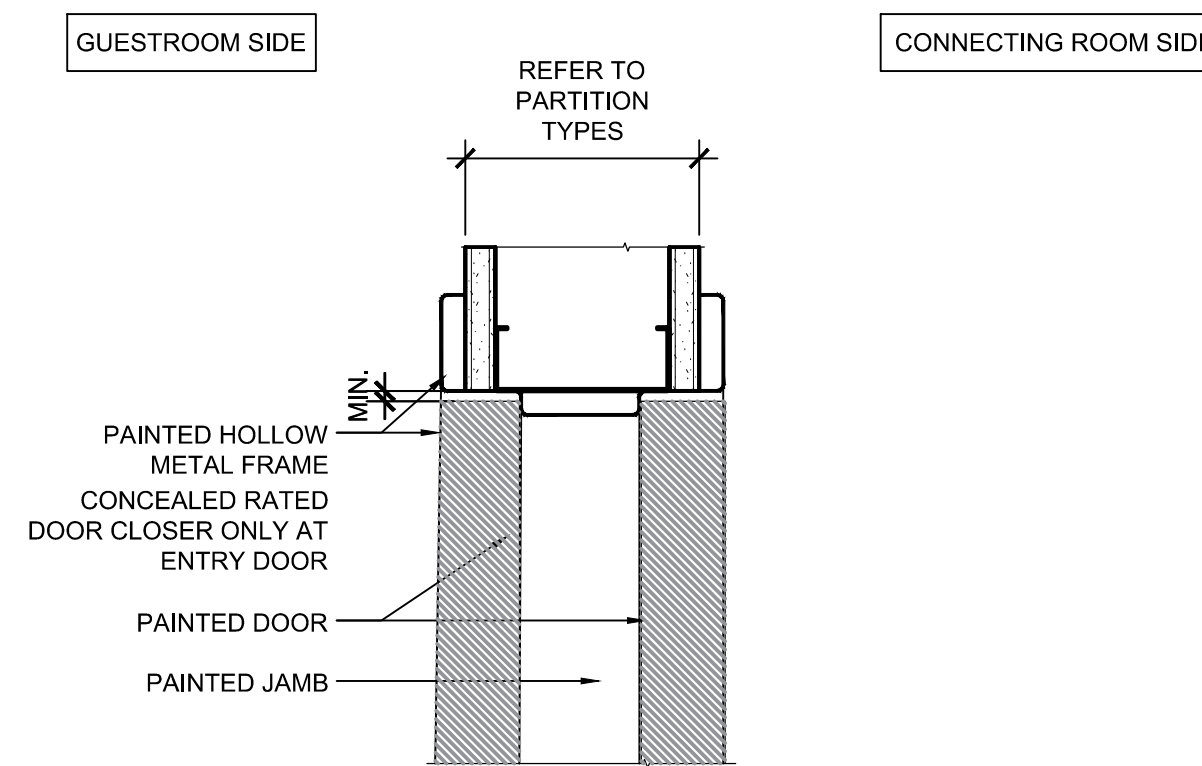
01



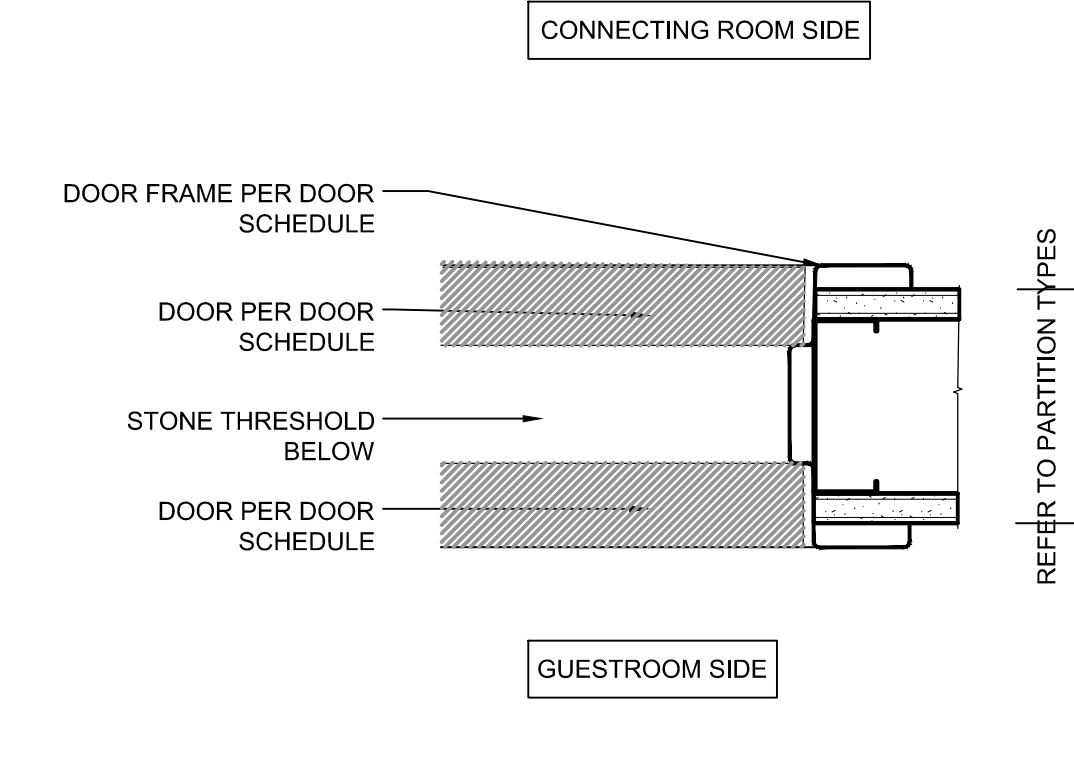
ENTRY DOOR HEADER
SCALE: 3" = 1'-0" 15



ENTRY DOOR JAM
SCALE: 3" = 1'-0" 11

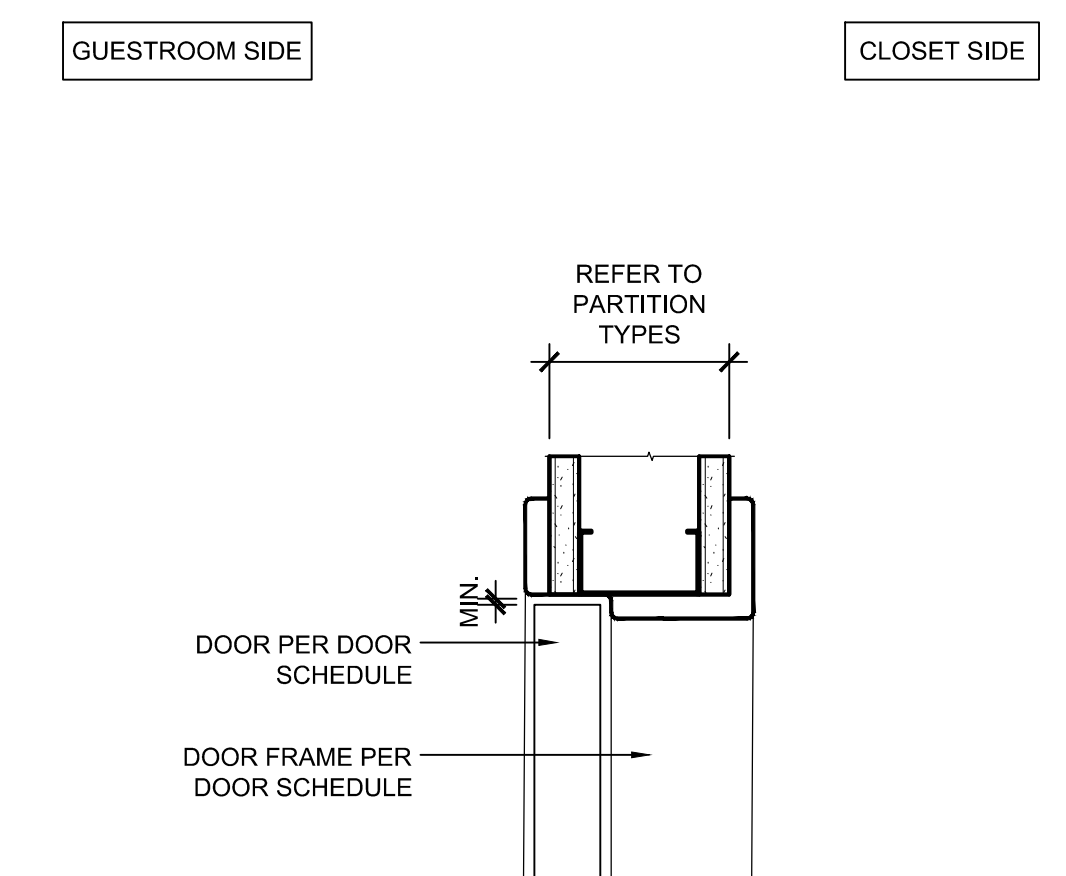


CONNECTING DOOR HEADER
SCALE: 3" = 1'-0" 07

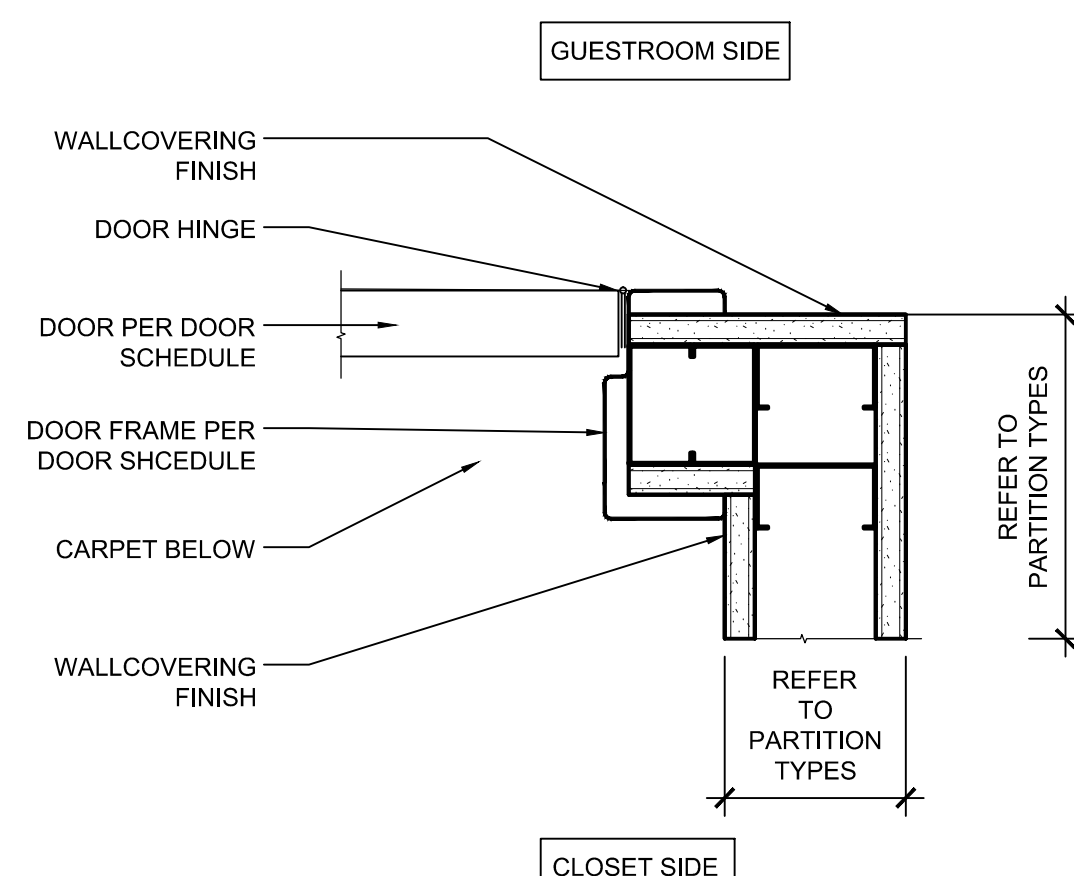


CONNECTING DOOR JAM
SCALE: 3" = 1'-0" 02

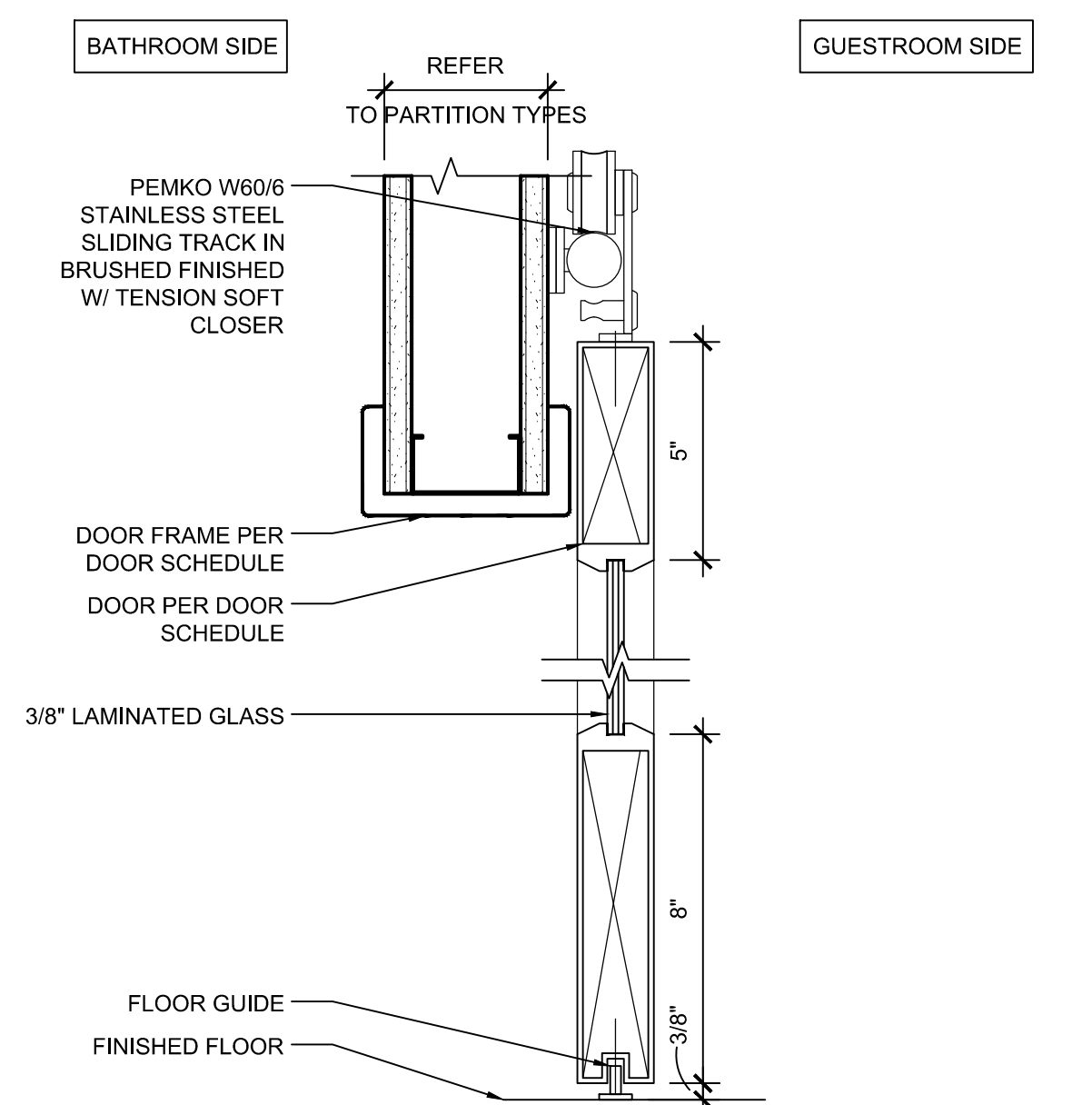
SHEET NOTES



CLOSET DOOR HEADER
SCALE: 3" = 1'-0" 16



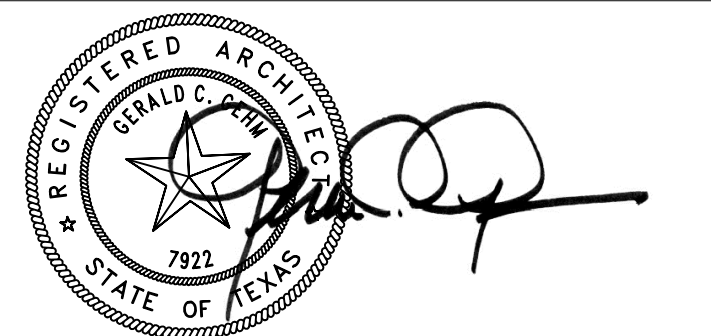
CLOSET DOOR JAM
SCALE: 3" = 1'-0" 12



BARN DOOR HEADER
SCALE: 3" = 1'-0" 08

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
DOOR & HARDWARE SCHEDULES

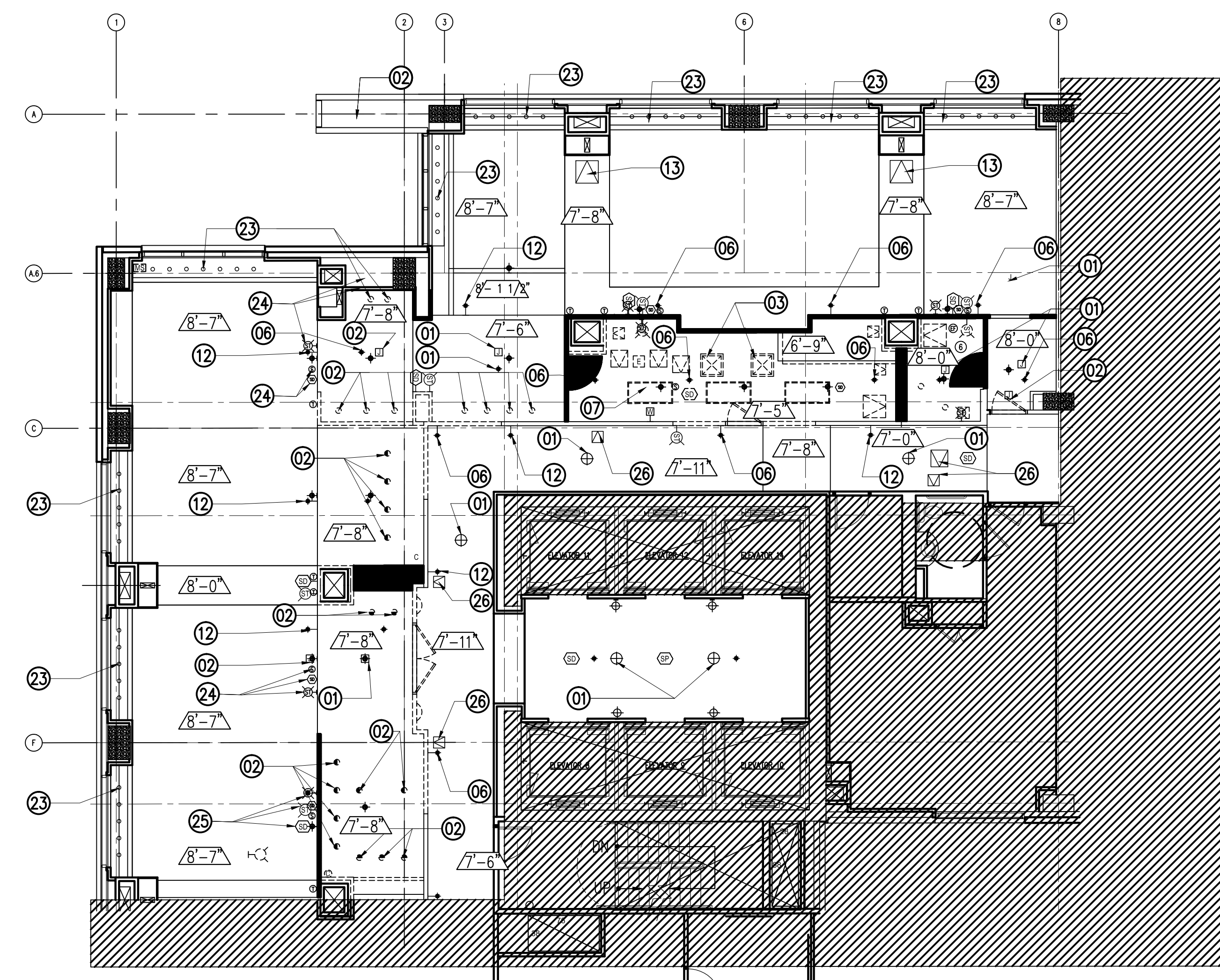
Scale
1/4" = 1'-0"

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS. NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

A00.33

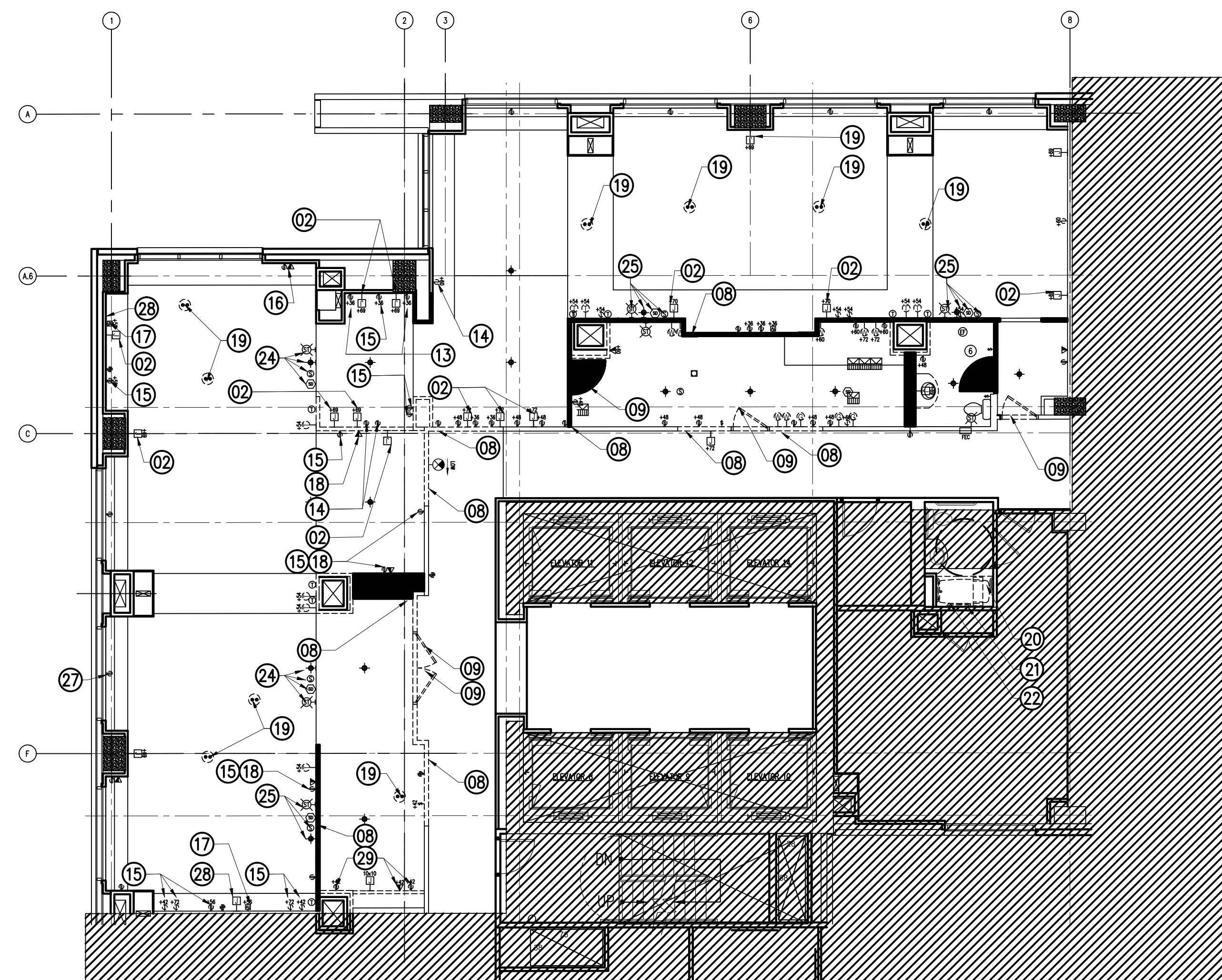
© 2017 Gensler



LEVEL 19 - DEMOLITION REFLECTED CEILING PLAN

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

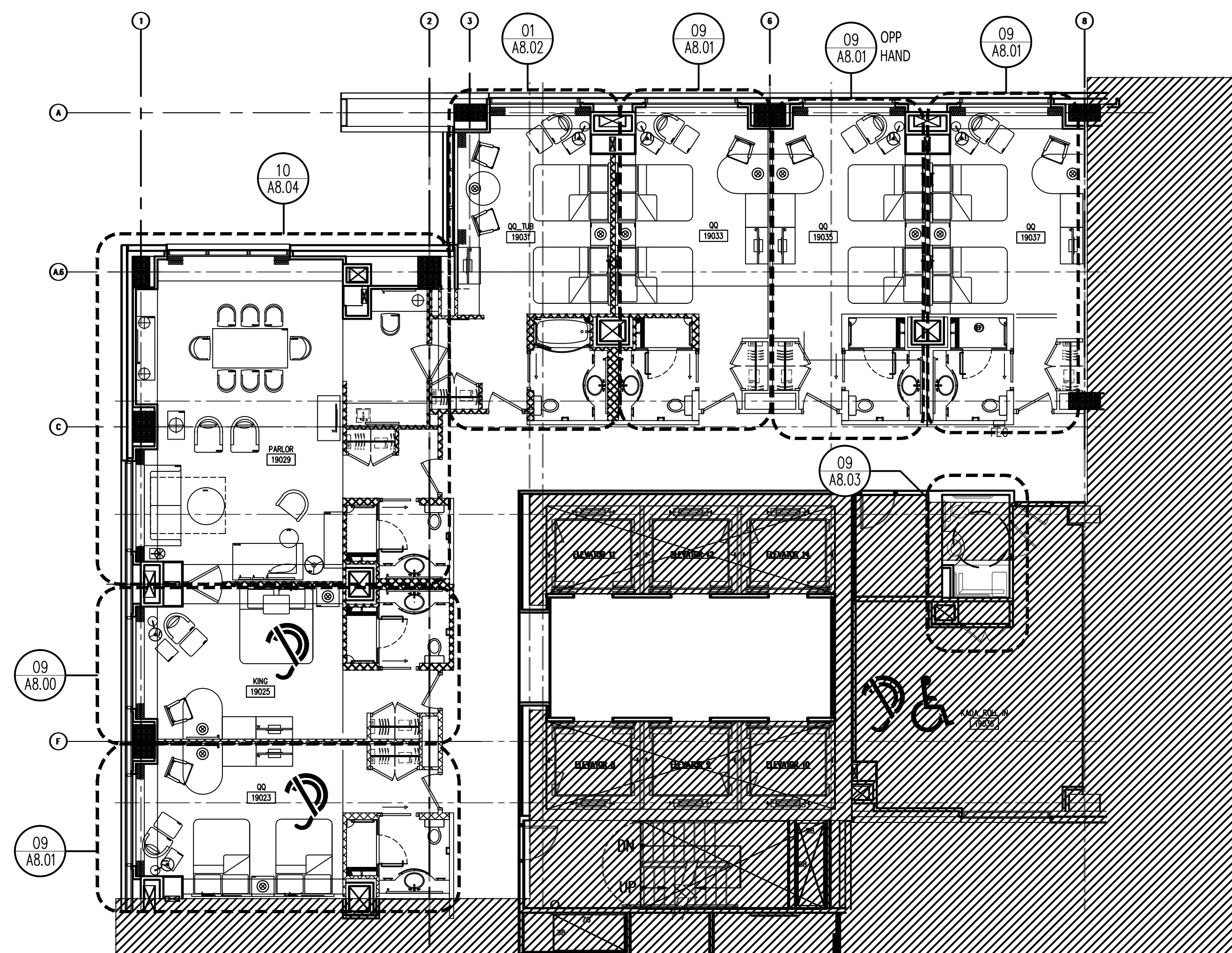
10



LEVEL 19 - DEMOLITION PLAN

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

02



LEVEL 19 - KEY PLAN

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

04

SHEET NOTES

1. REMOVE EXISTING FIXTURE FOR SALVAGE. CONFIRM SALVAGE WITH OWNER. PREP FOR NEW FIXTURE WITH EXISTING J-BOX.
2. REMOVE EXISTING FIXTURE FOR SALVAGE. CONFIRM SALVAGE WITH OWNER. REMOVE EXISTING J-BOX. PATCH AND REPAIR.
3. REMOVE AND RELOCATE EXISTING HVAC SLOT REGISTER. RE: MECHANICAL.
4. MODIFY EXISTING HVAC SLOT REGISTER RE: MECHANICAL
5. NOT USED
6. DEMOLISH EXISTING SPRINKLER HEAD RELOCATE IN NEW WALL.
7. DEMOLISH CEILING. 2x4 LIGHT FIXTURES, EXISTING EXHAUST HOOD, AND HVAC DEVICES AS REQUIRED. RELOCATE SPEAKERS, FIRE ALARM DEVICES, SPRINKLER HEADS, SMOKE DEVICES AS REQUIRED.
8. REMOVE EXISTING PARTITION, PREPARE TERMINATION OF PARTITION TO RECEIVE NEW WALL AND/OR FINISH.
9. REMOVE EXISTING DOORS. CONFIRM SALVAGE W/ OWNER.
10. DEMOLISH EXISTING SPRINKLER HEAD LOCATIONS, RE: MEP FOR NEW LOCATIONS.
11. REMOVE EXISTING LIGHTING, CONFIRM SALVAGE WITH OWNER
12. LOCATION OF SPRINKLER HEAD TO REMAIN.
13. EXISTING ACCESS PANEL & DAMPER TO BE REMOVED AND RELOCATED
14. RELOCATE EXISTING OUTLET TO NEW HEIGHT, SEE POWER AND COMMUNICATION PLAN.
15. REMOVE EXISTING OUTLET, PATCH AND REPAIR WALL TO RECEIVE NEW FINISH.
16. REMOVE AND RELOCATE DATA TO DESK, SEE POWER AND COMMUNICATION PLAN FOR LOCATION.
17. REMOVE TV CABLE CAP & PULL LINE TO ORIGIN.
18. REMOVE EXISTING DATA, PATCH AND REPAIR WALL TO RECEIVE NEW FINISH.
19. REMOVE EXISTING FLOOR OUTLETS, COVER WITH PLATE.
20. REMOVE EXISTING BATHTUB PREPARE FLOOR SURFACE FOR NEW FINISH FOR SHOWER.
21. REMOVE EXISTING WALL TILE
22. REMOVE EXISTING PLUMBING FIXTURES. PLUMBING ACCESSORIES TO REMAIN AT TUB
23. REMOVE EXISTING LIGHTS AND SOFFIT.
24. SPEAKER, SMOKE DETECTOR AND STROBE TO REMAIN
25. SPEAKER, SMOKE DETECTOR AND STROBE TO BE RELOCATED IN NEW SOFFIT AND OR WALL
26. EXISTING ACCESS PANEL TO REMAIN
27. RELOCATE EXISTING OUTLET TO NEW LOCATION
28. REMOVE EXISTING BRACKETS
29. REMOVE EXISTING ELECTRICAL AND WALL

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010



Hunt & Hunt Engineering Corp.

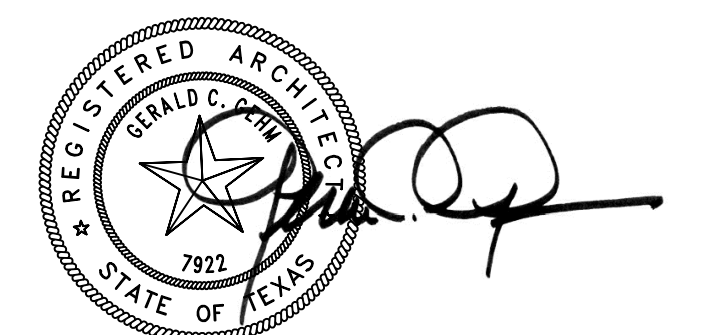
MEP Consultant
PO Box 771294
Houston, TX 77215
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

DEC 1, 2017

Project Number
02.8339.000

Description
DEMOLITION PLAN/RCP & KEY PLAN

Scale
1/8" = 1'-0"

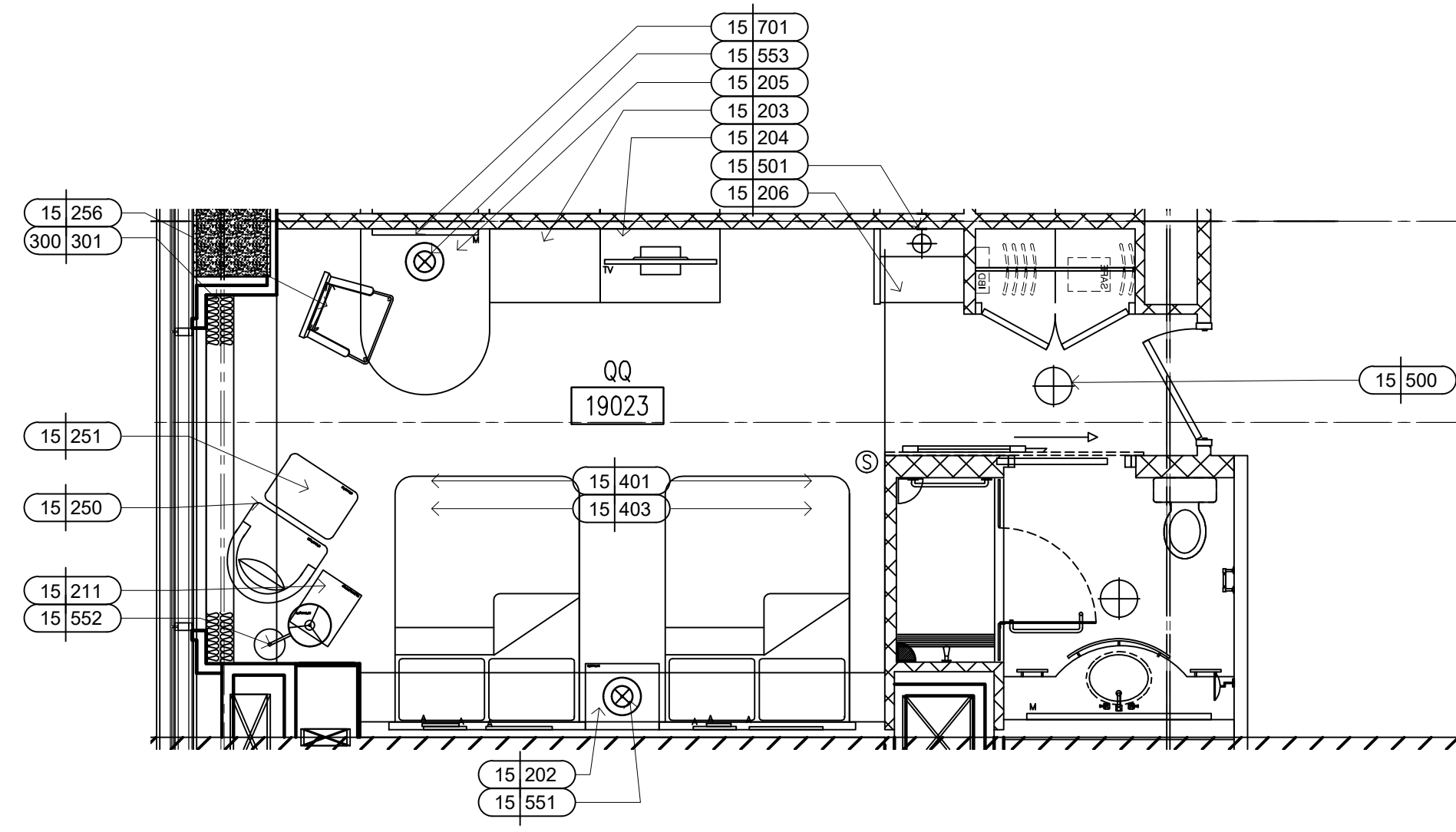
A02.00

© 2017 Gensler

NOT USED

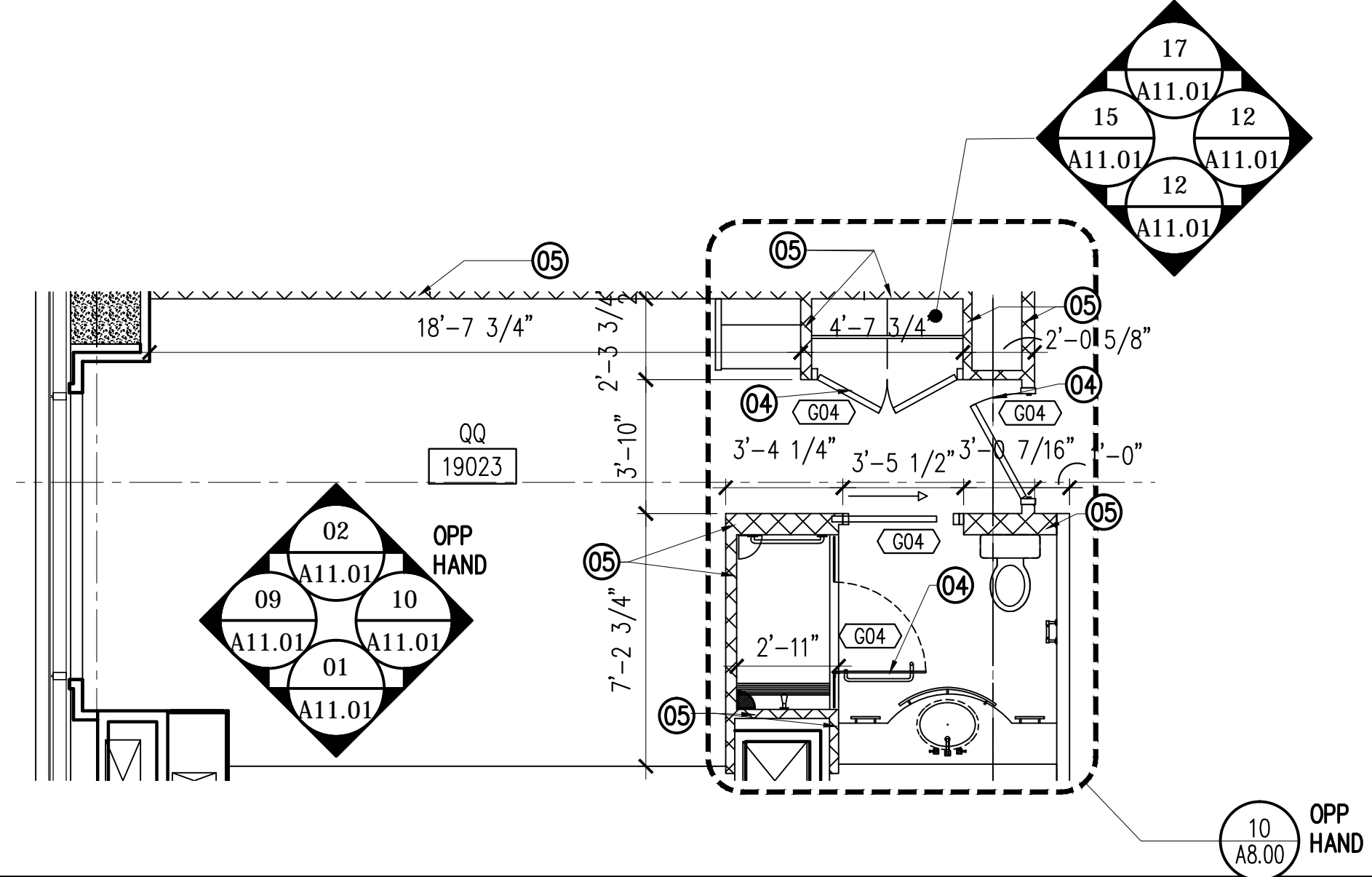
SCALE: 1/8" = 1'-0"

12



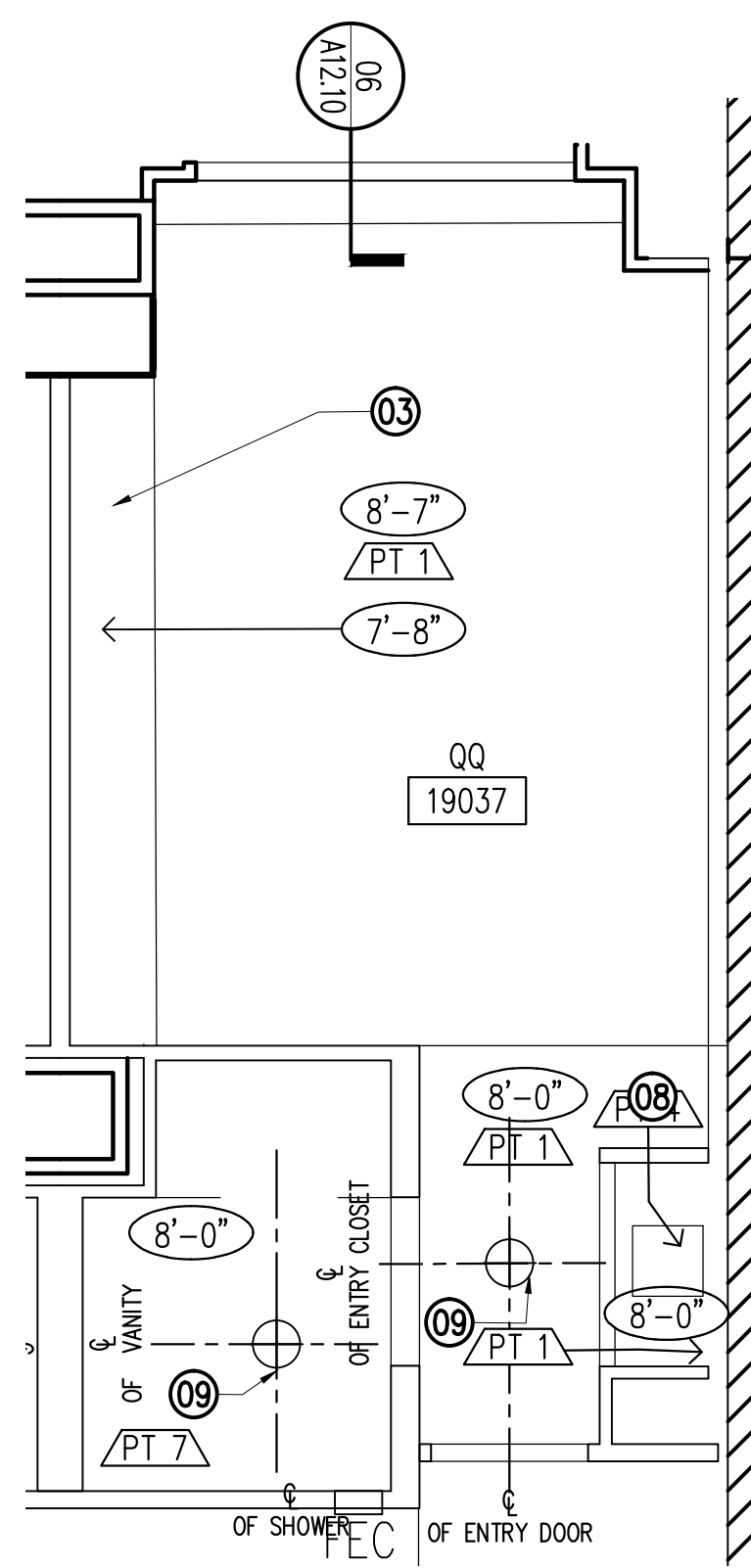
TYP. QQ - FURNITURE PLAN
SCALE: 1/4" = 1'-0"

09



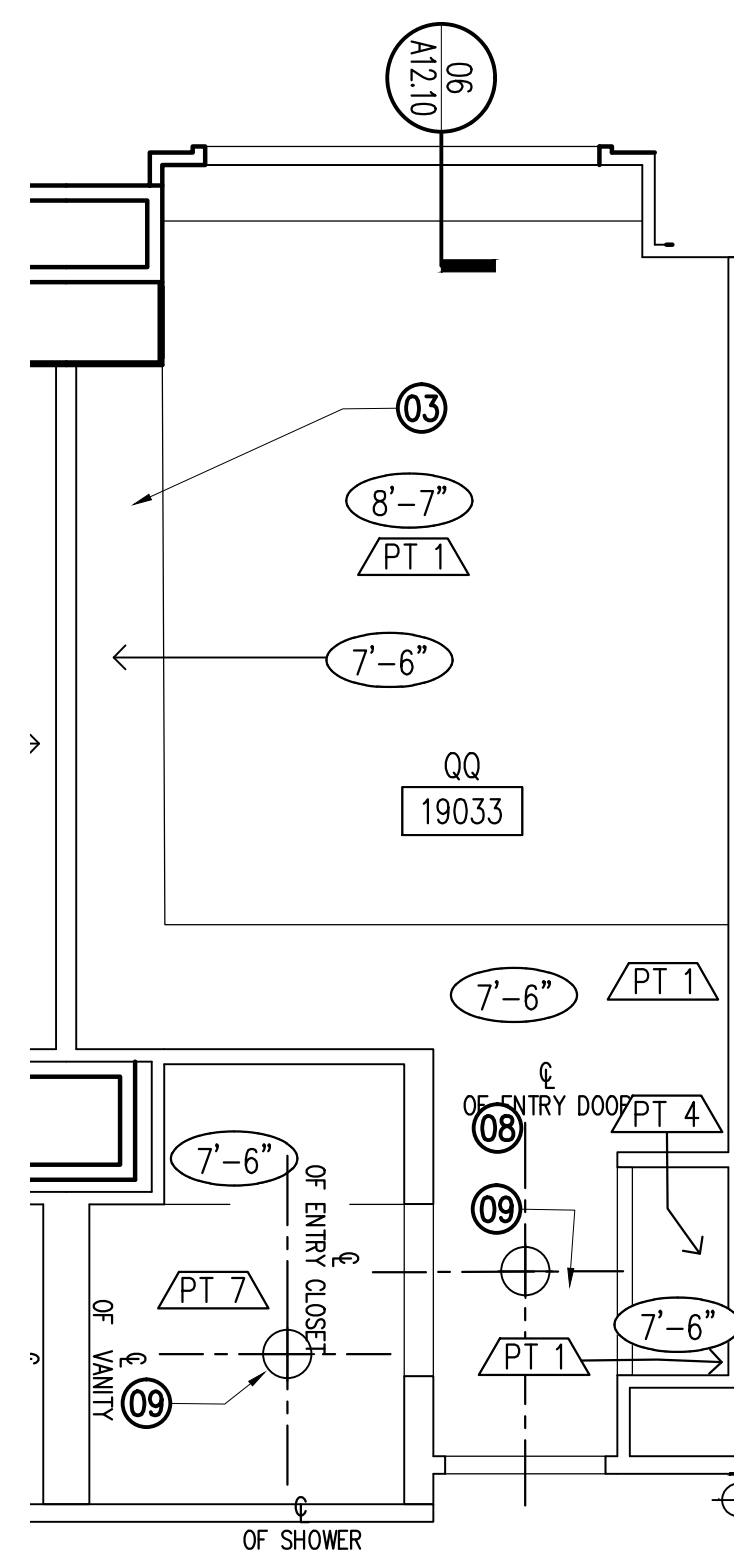
TYP. QQ - FLOOR PLAN
SCALE: 1/4" = 1'-0"

01



QQ - REFLECTED CEILING PLAN - 19037
SCALE: 1/4" = 1'-0"

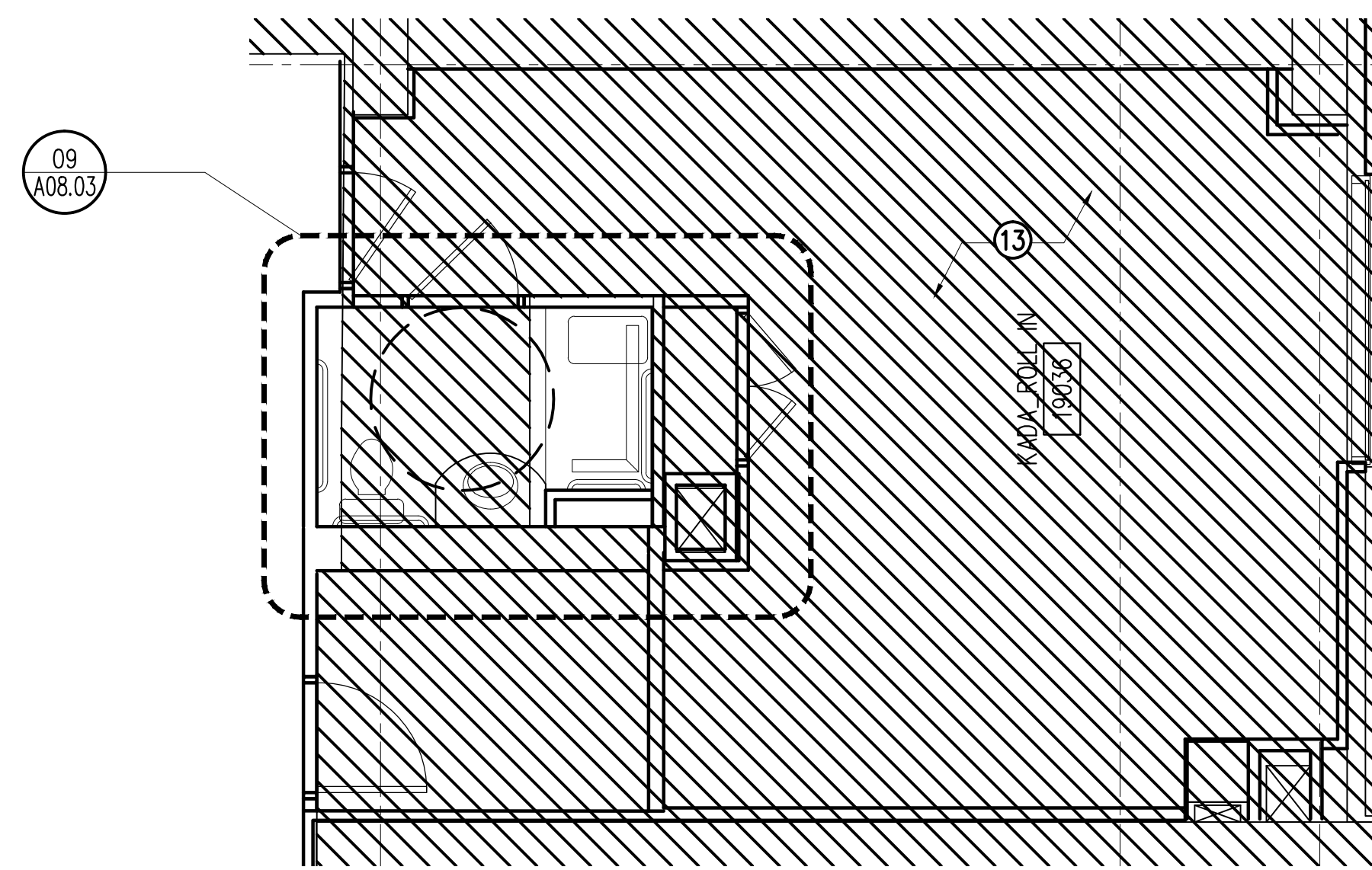
15



NOT USED
SCALE: 1/4" = 1'-0"

11

TYP. K-ADA - FLOOR PLAN
SCALE: 1/4" = 1'-0"



01

SHEET NOTES

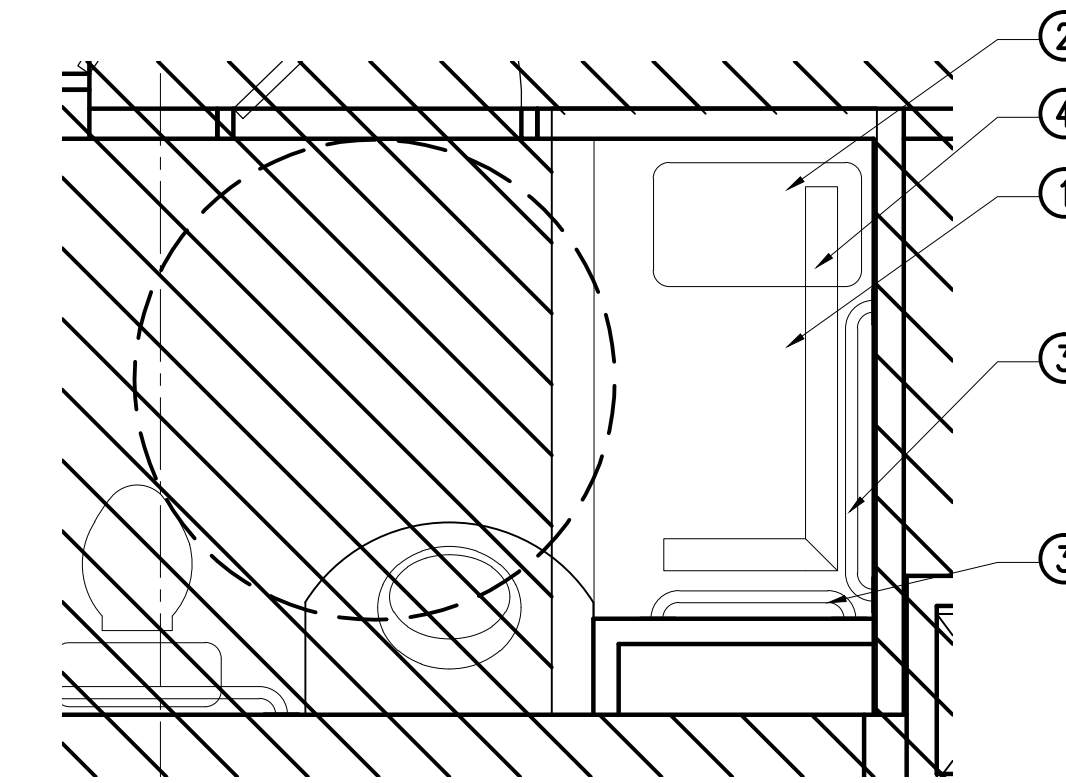
1. NEW BUILT UP ADA SHOWER W/ NEOPRENE SHOWER DAM AT ENTRANCE TO SHOWER
2. NEW LIGHT FIXTURE IN J-BOX EXISTING LOCATION
3. EXISTING GYP. BOARD FURR DOWN TO REMAIN
4. NEW DOOR RE: DOOR SCHEDULE ON A00.33 FOR SCHEDULE
5. NEW PARTITION RE: PARTITION SCHEDULE ON A12.02 FOR DESIGN INFORMATION
6. NEW PLUMBING FIXTURES OR PLUMBING ACCESSORIES RE: A03.00 FOR SCHEDULES
7. NEW SHOWER W/ SLOT DRAIN INSTALLATION RE: 11/A12.12 FOR DRAIN DETAIL
8. NEW FURR DOWN @ NEW GYPSUM BOARD CEILING AT NEW HEIGHT
9. NEW LIGHT FIXTURE & NEW JBOX IN NEW GYPSUM BOARD CEILING
10. EXISTING FLOORING TO REMAIN
11. EXISTING CEILING AND FIXTURES TO REMAIN
12. EXISTING GRAB BARS TO REMAIN
13. HATCHED AREA NOT INCLUDED IN SCOPE OF WORK.

SHEET NOTES

NOT USED
SCALE: 1/4" = 1'-0"

10

ENLARGED FLOOR PLAN - KADA
SCALE: 1/2" = 1'-0"

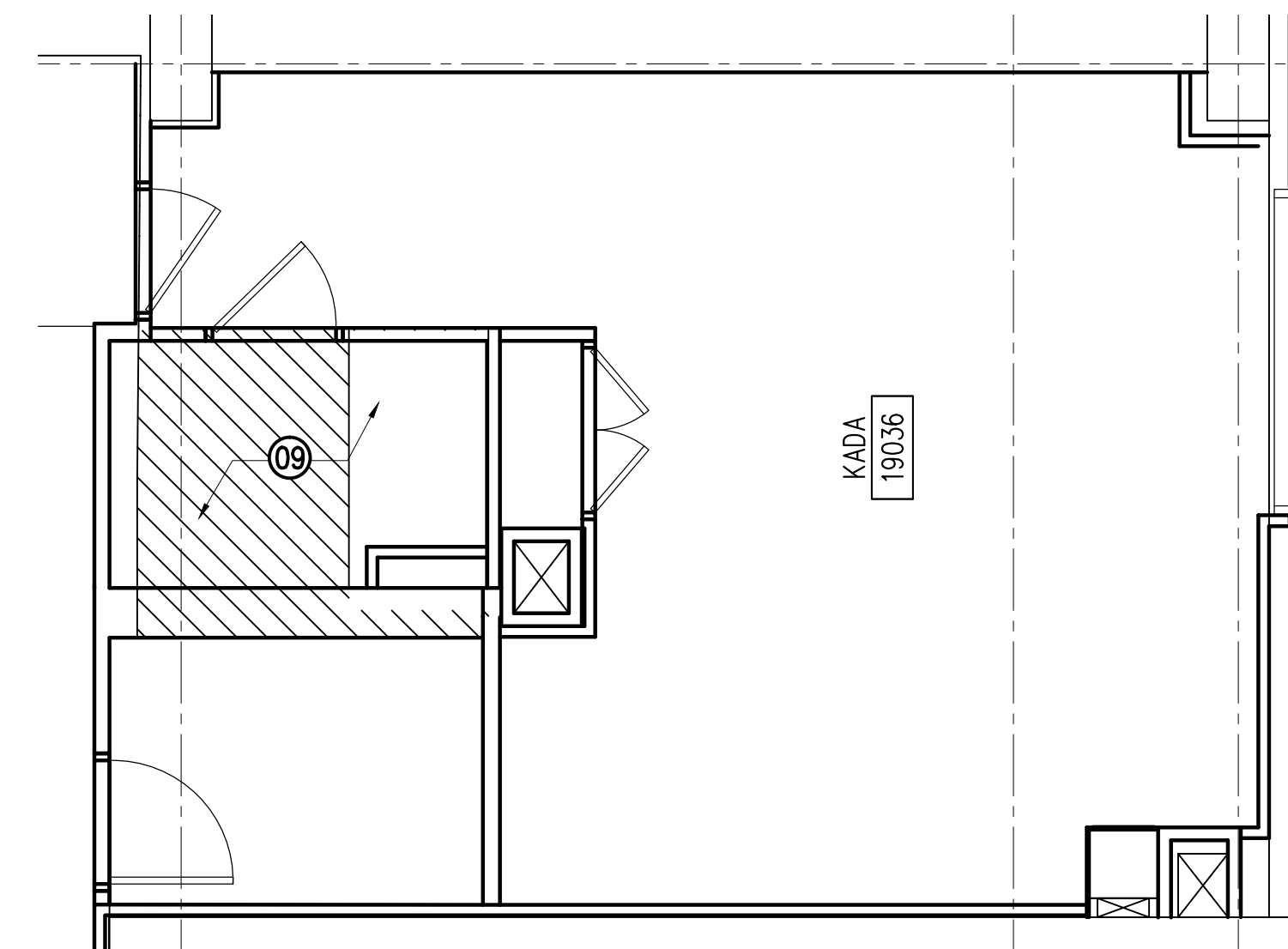


02

NOT USED
SCALE: 1/4" = 1'-0"

11

TYP. K-ADA - REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

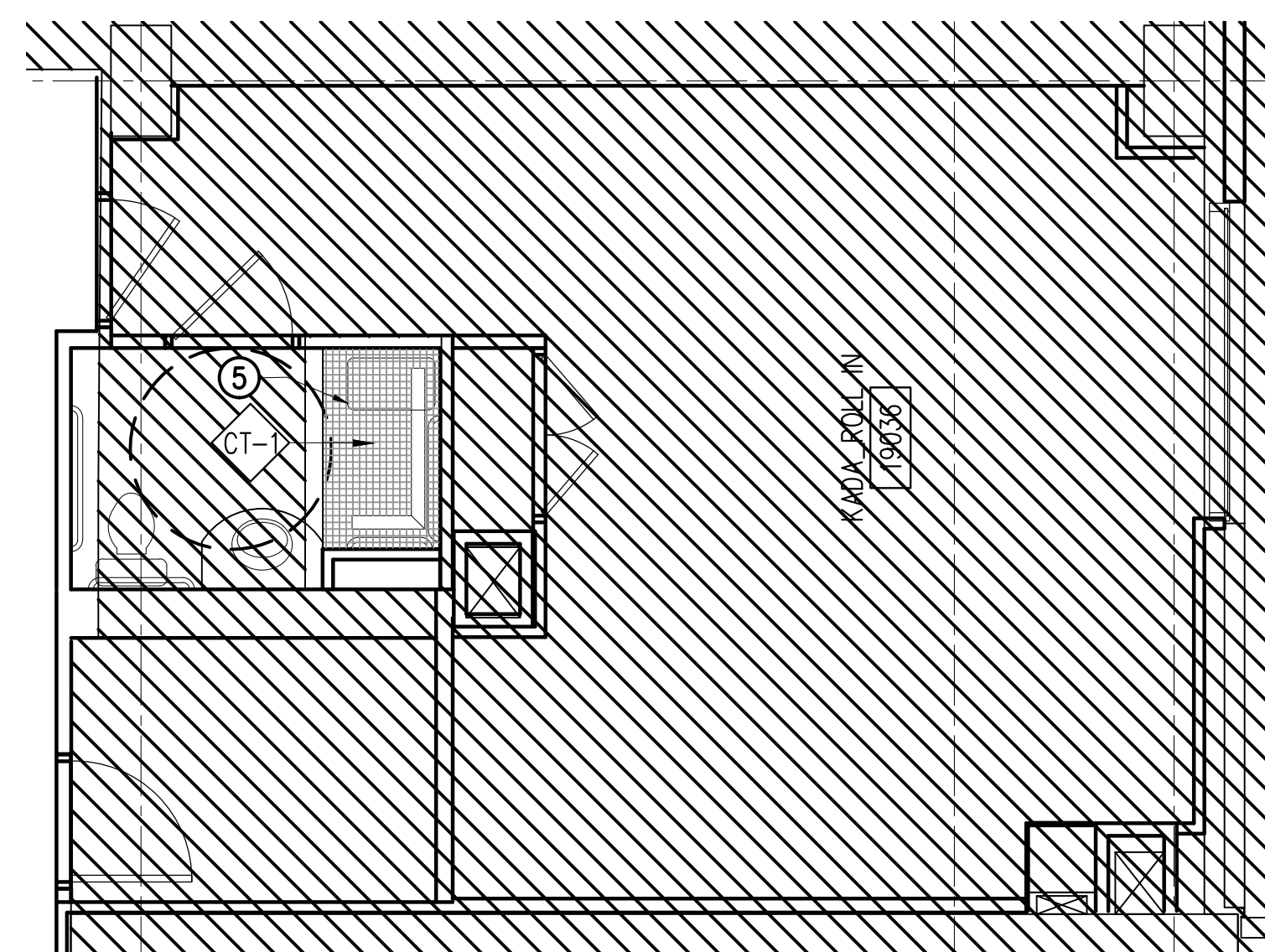


03

NOT USED
SCALE: 1/4" = 1'-0"

12

TYP. K-ADA - FINISH PLAN
SCALE: 1/4" = 1'-0"



04

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Pennzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

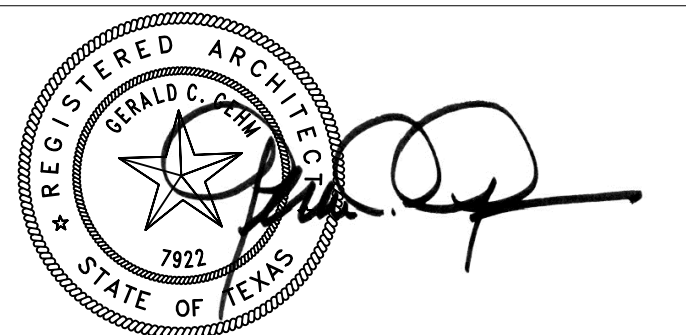
Hunt & Hunt Engineering Corp.

MEP Consultant
PO Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
12/01/2017		ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

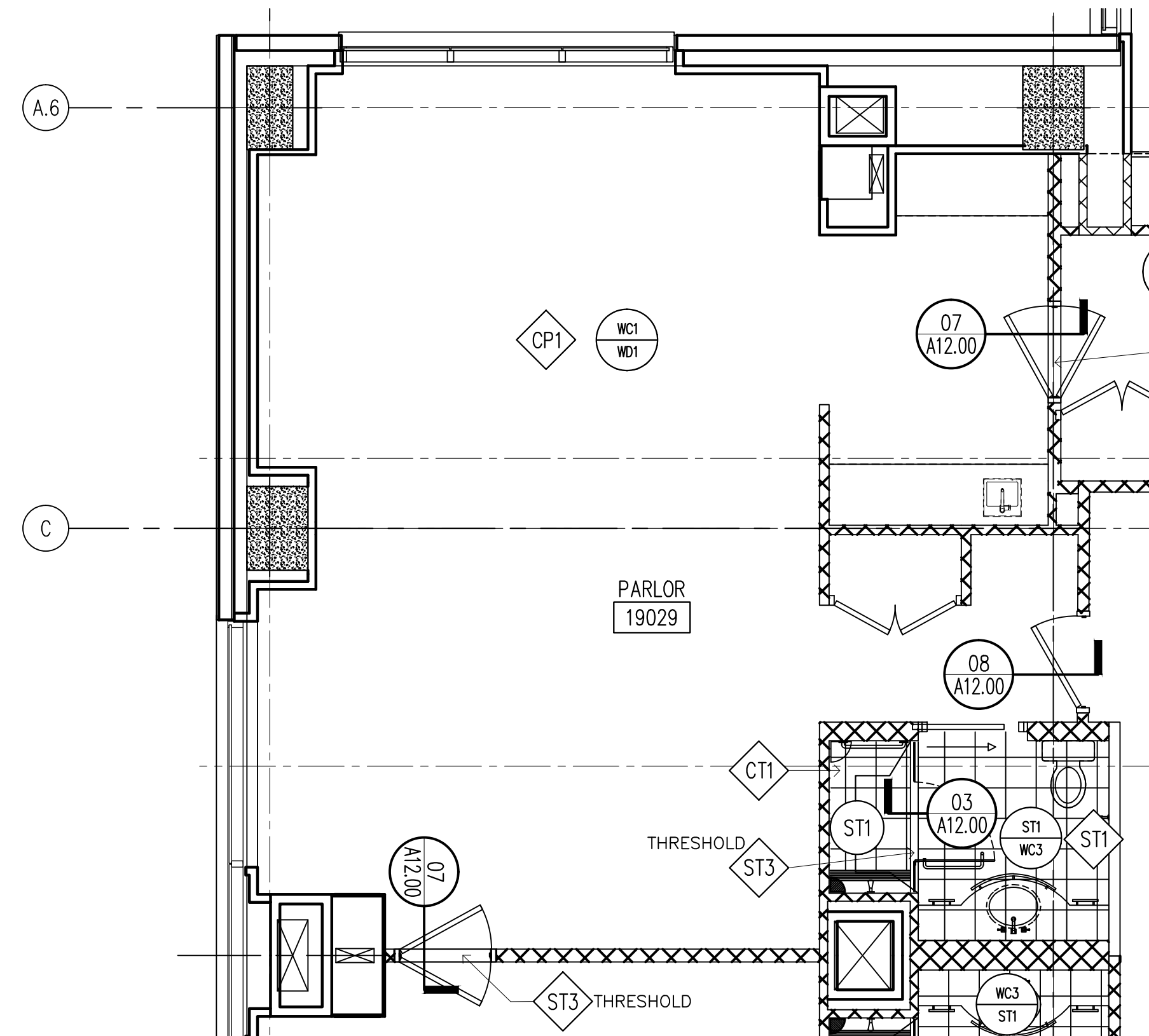
Project Number
02.8339.000

Description
TYPICAL ADA KING GUESTROOM PLANS

Scale
1/4" = 1'-0"

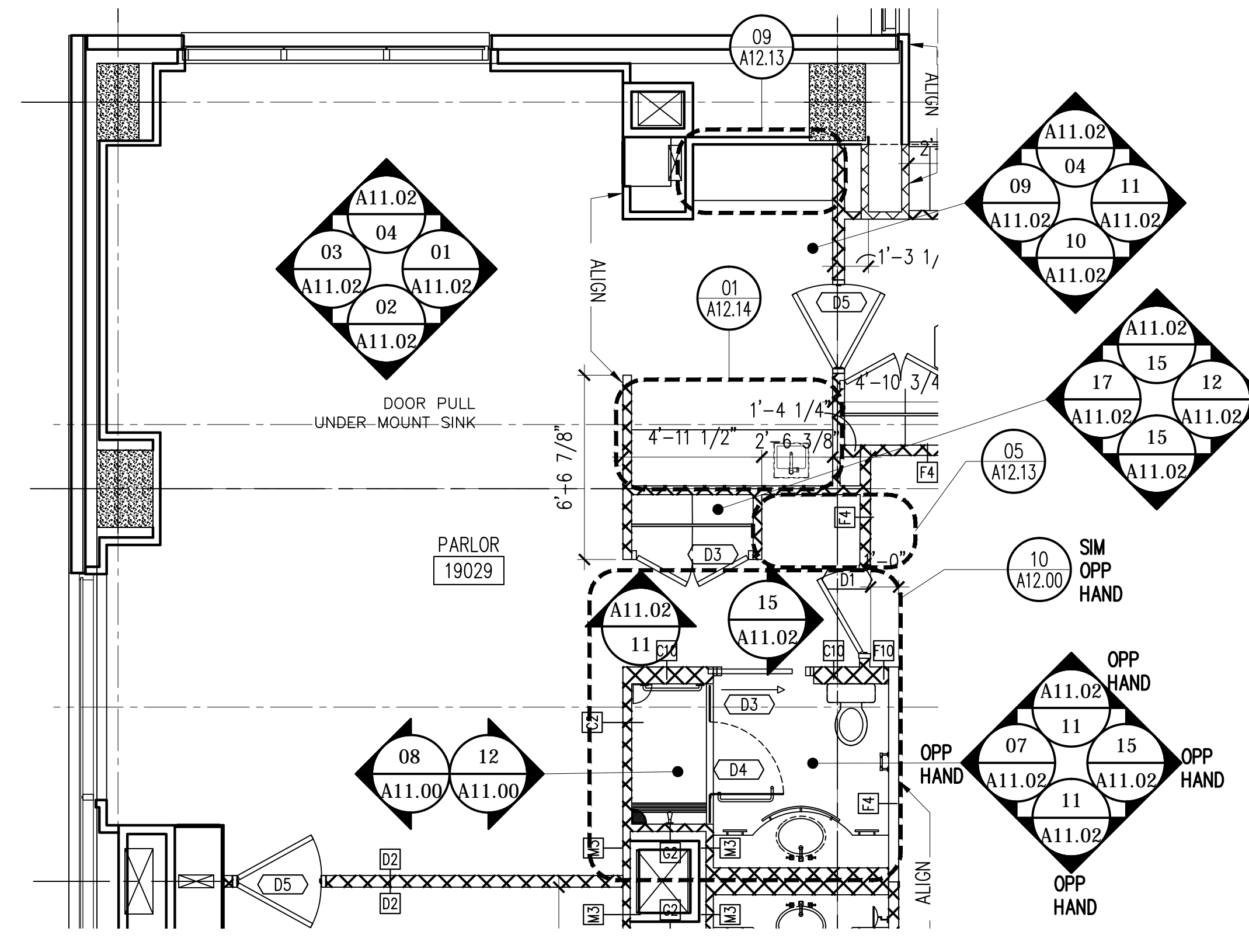
A08.03

© 2017 Gensler



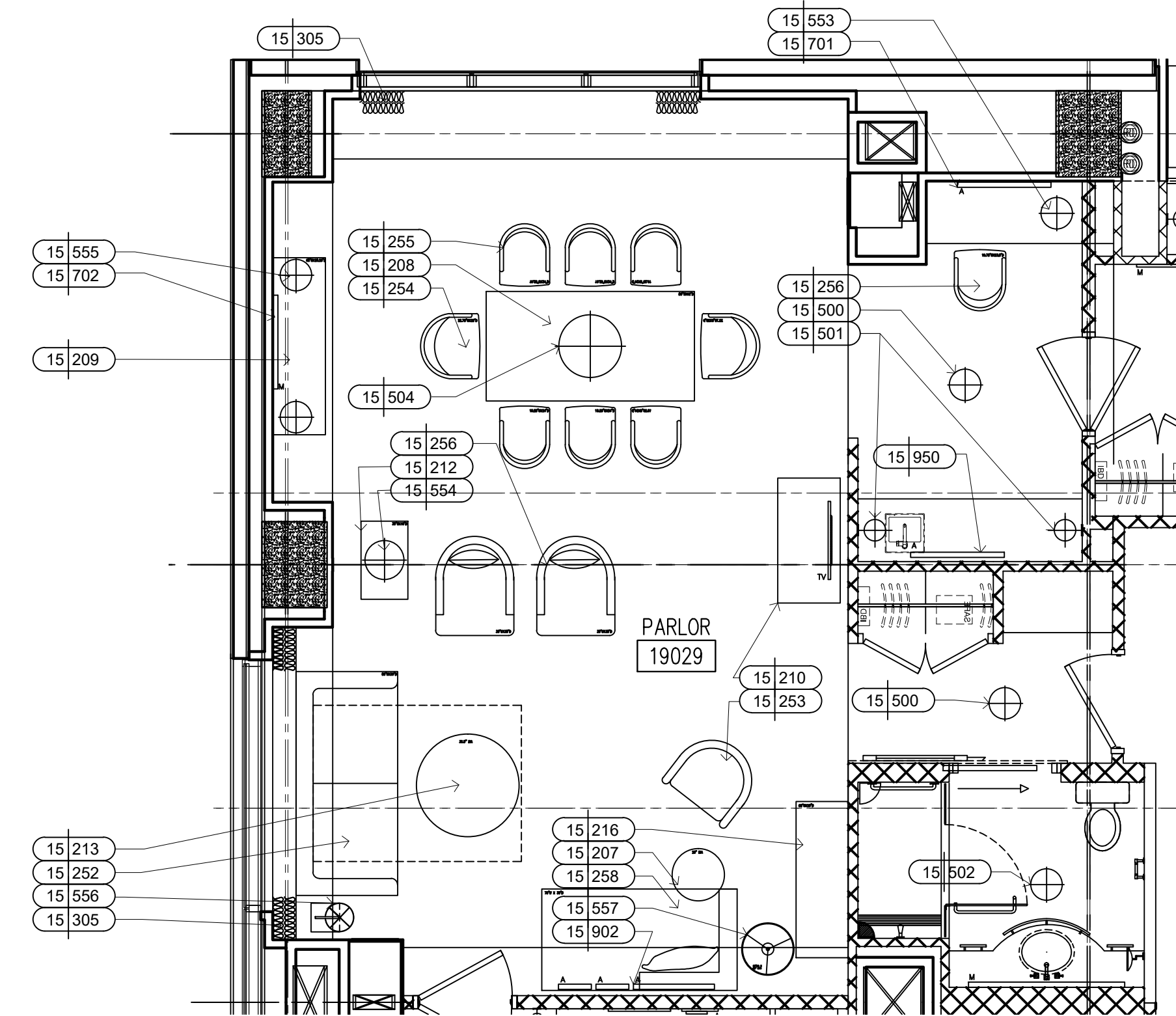
PARLOR - FINISH PLAN
SCALE: 1/4" = 1'-0"

09



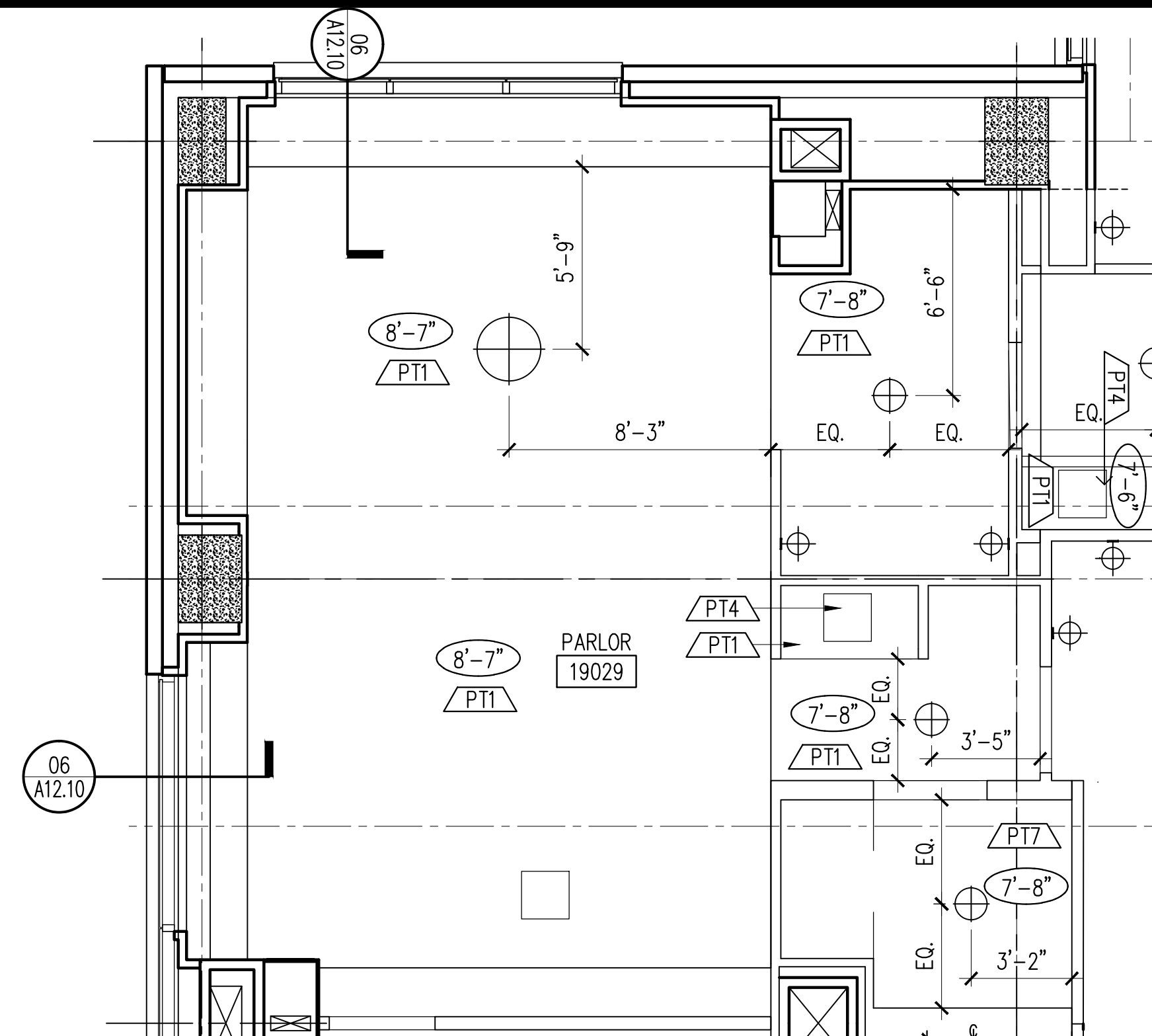
PARLOR - FLOOR PLAN
SCALE: 1/4" = 1'-0"

01



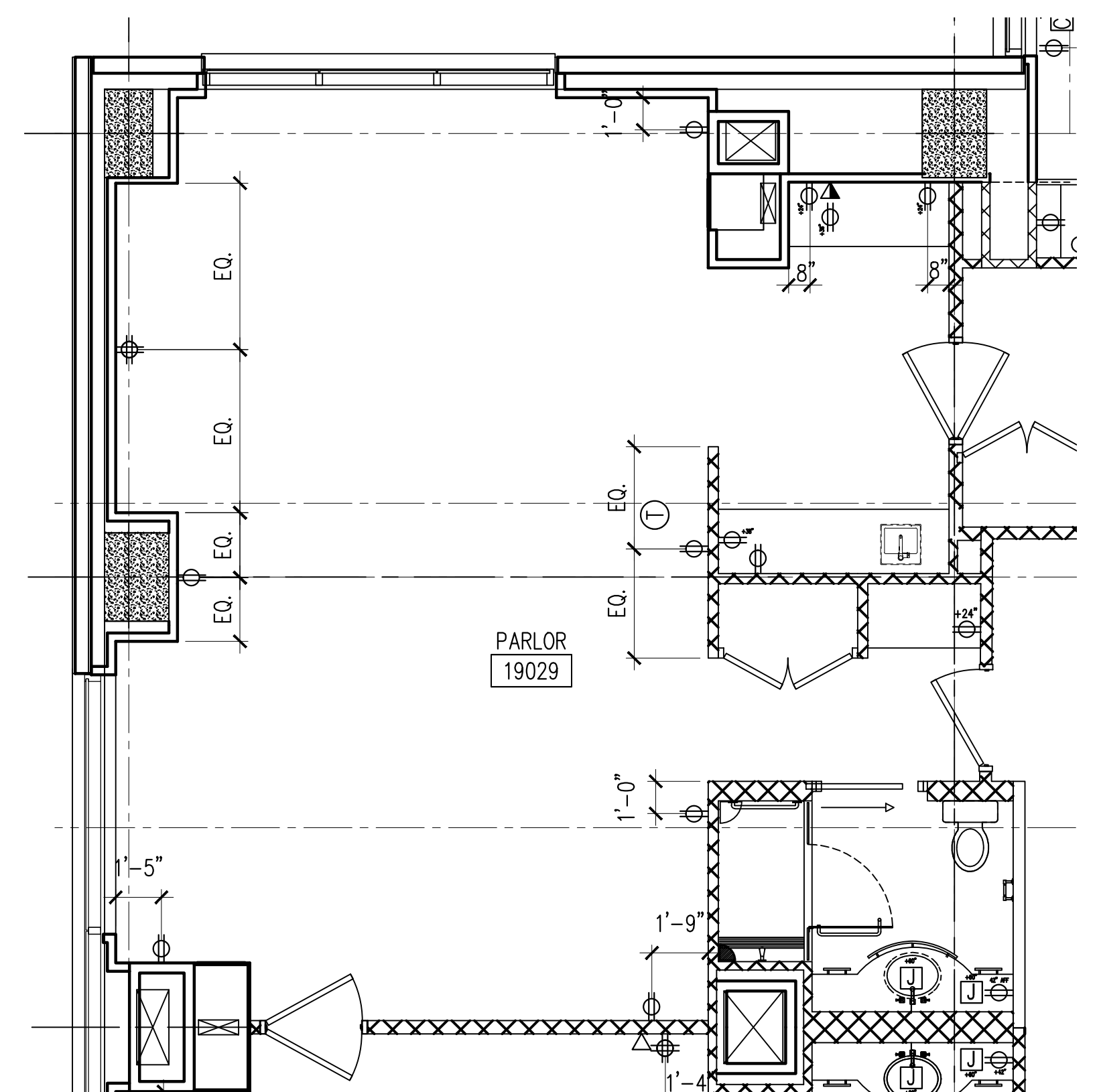
PARLOR - FURNITURE PLAN
SCALE: 1/4" = 1'-0"

10



PARLOR - REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

02



PARLOR - POWER/COMMUNICATION PLAN
SCALE: 1/4" = 1'-0"

04

NOT USED
SCALE: 1/4" = 1'-0"

12

SHEET NOTES

1. NEW POWER IN NEW LOCATION. RE: ELECTRICAL.
2. NEW LIGHT FIXTURE IN J-BOX EXISTING LOCATION
3. EXISTING GYP. BOARD FURR DOWN TO REMAIN
4. NEW DOOR RE: DOOR SCHEDULE ON A00.33 FOR SCHEDULE
5. NEW PARTITION RE: PARTITION SCHEDULE ON A12.02 FOR DESIGN INFORMATION
6. NEW PLUMBING FIXTURES OR PLUMBING ACCESSORIES RE: A03.00 FOR SCHEDULES
7. NEW SHOWER W/ SLOT DRAIN INSTALLATION RE: 11/A12.12 FOR DRAIN DETAIL
8. NEW FURR DOWN @ NEW GYPSUM BOARD CEILING AT NEW HEIGHT
9. NEW LIGHT FIXTURE & NEW JBOX IN NEW GYPSUM BOARD CEILING

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

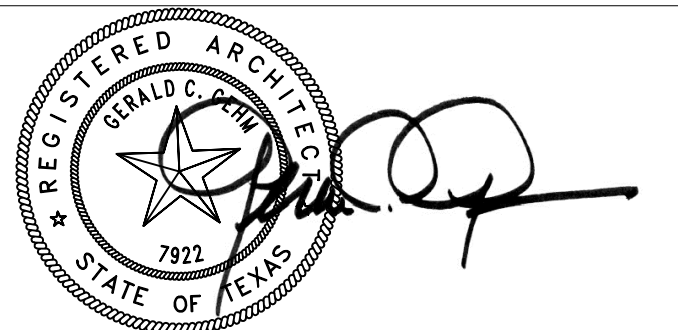
Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

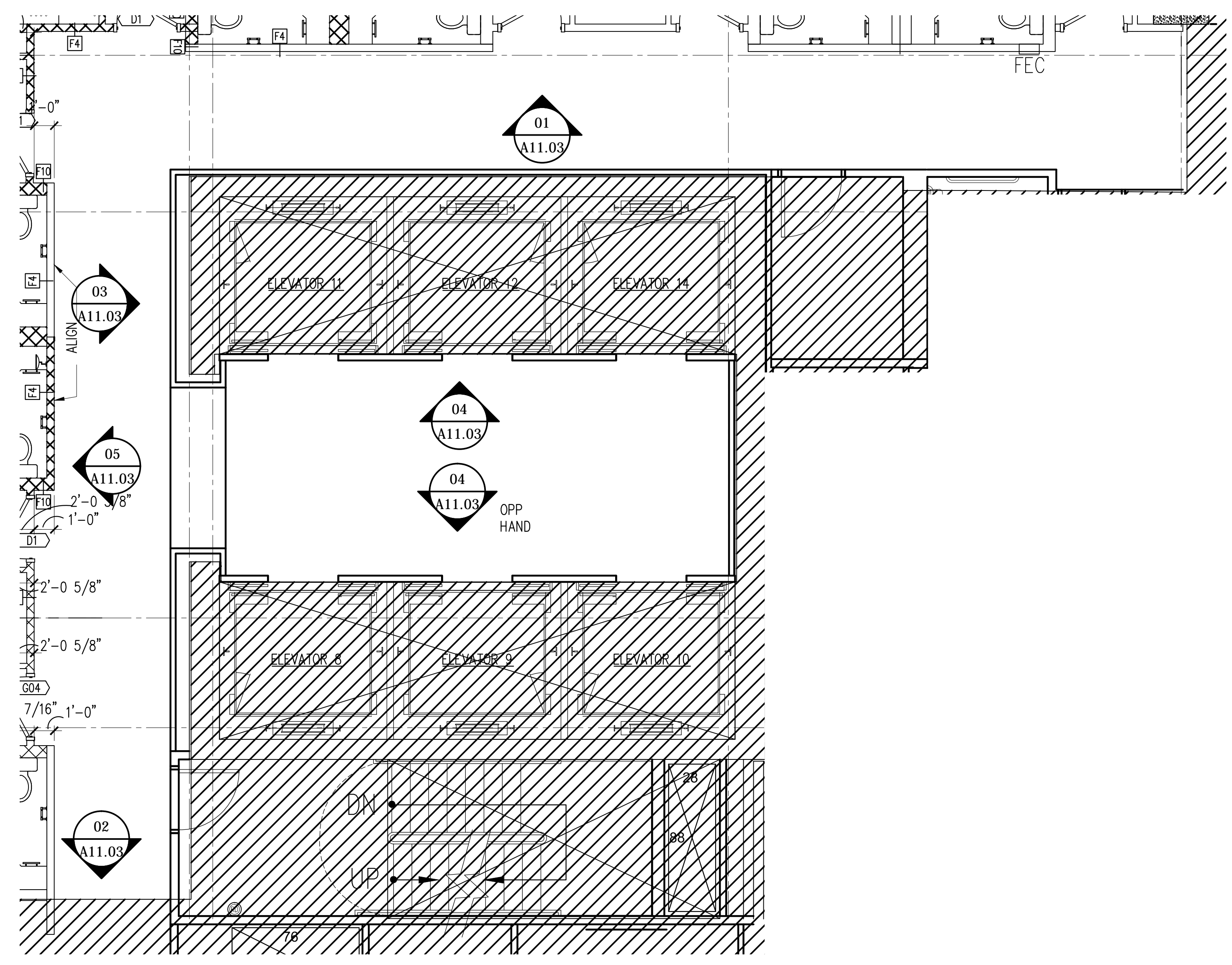
Project Number
02.8339.000

Description
PARLOR PLANS

Scale
1/4" = 1'-0"

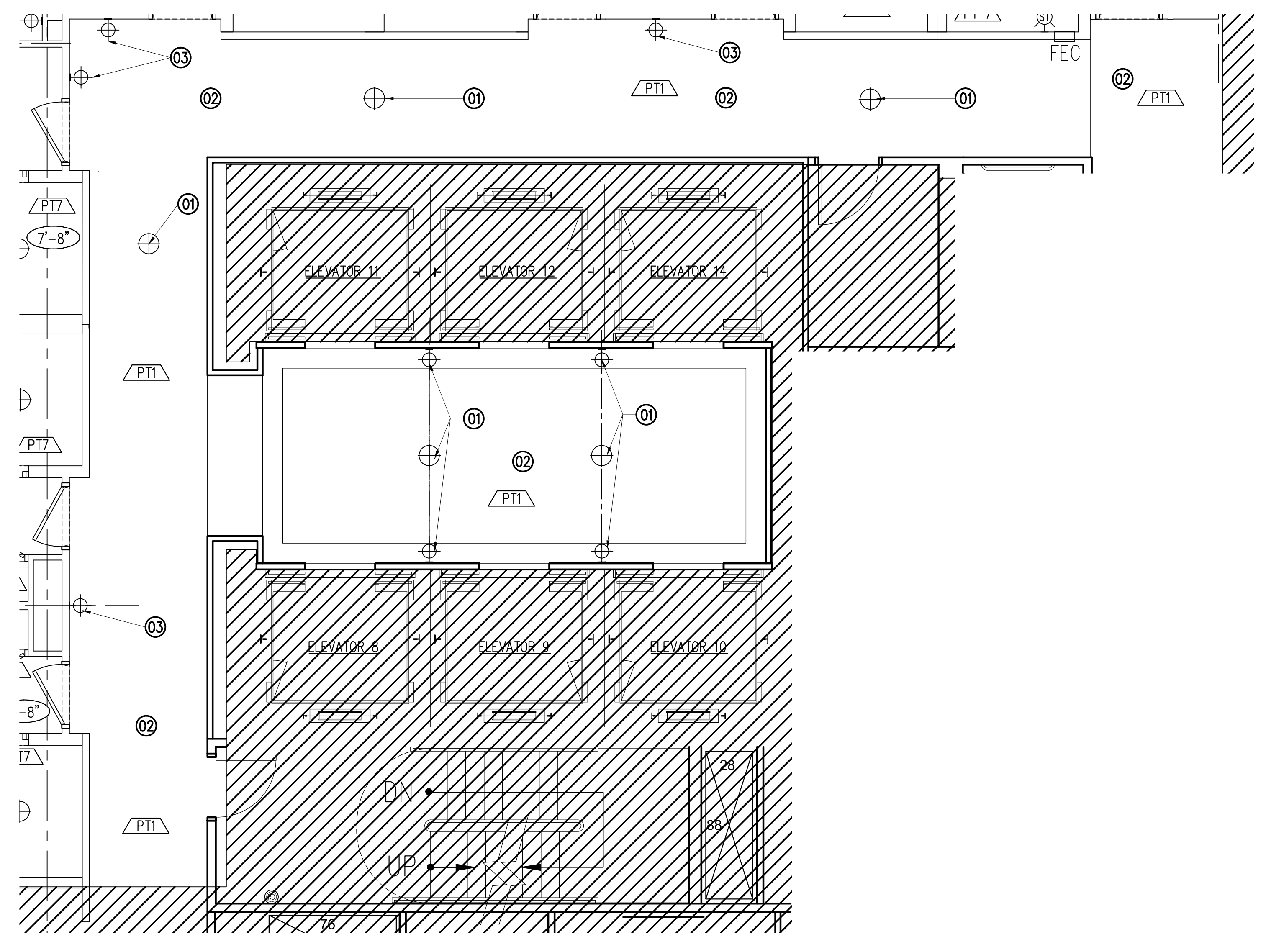
A08.04

© 2017 Gensler



CORRIDOR - FLOOR PLAN
SCALE: 1/4" = 1'-0"

02



CORRIDOR - REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

02

SHEET NOTES

SHEET NOTES

1. NEW LIGHT FIXTURE IN EXISTING J-BOX LOCATION
2. EXISTING CEILING HEIGHT TO REMAIN PREPARE CEILING AND WALLS TO RECEIVE NEW FINISHES
3. NEW FIXTURES IN NEW PARTITION LOCATION AND NEW JBOX TO RECEIVE FIXTURE..

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

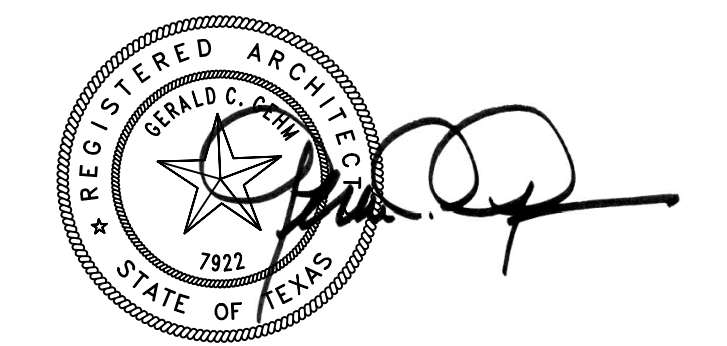
Gensler
Penzold Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

DEC 1, 2017

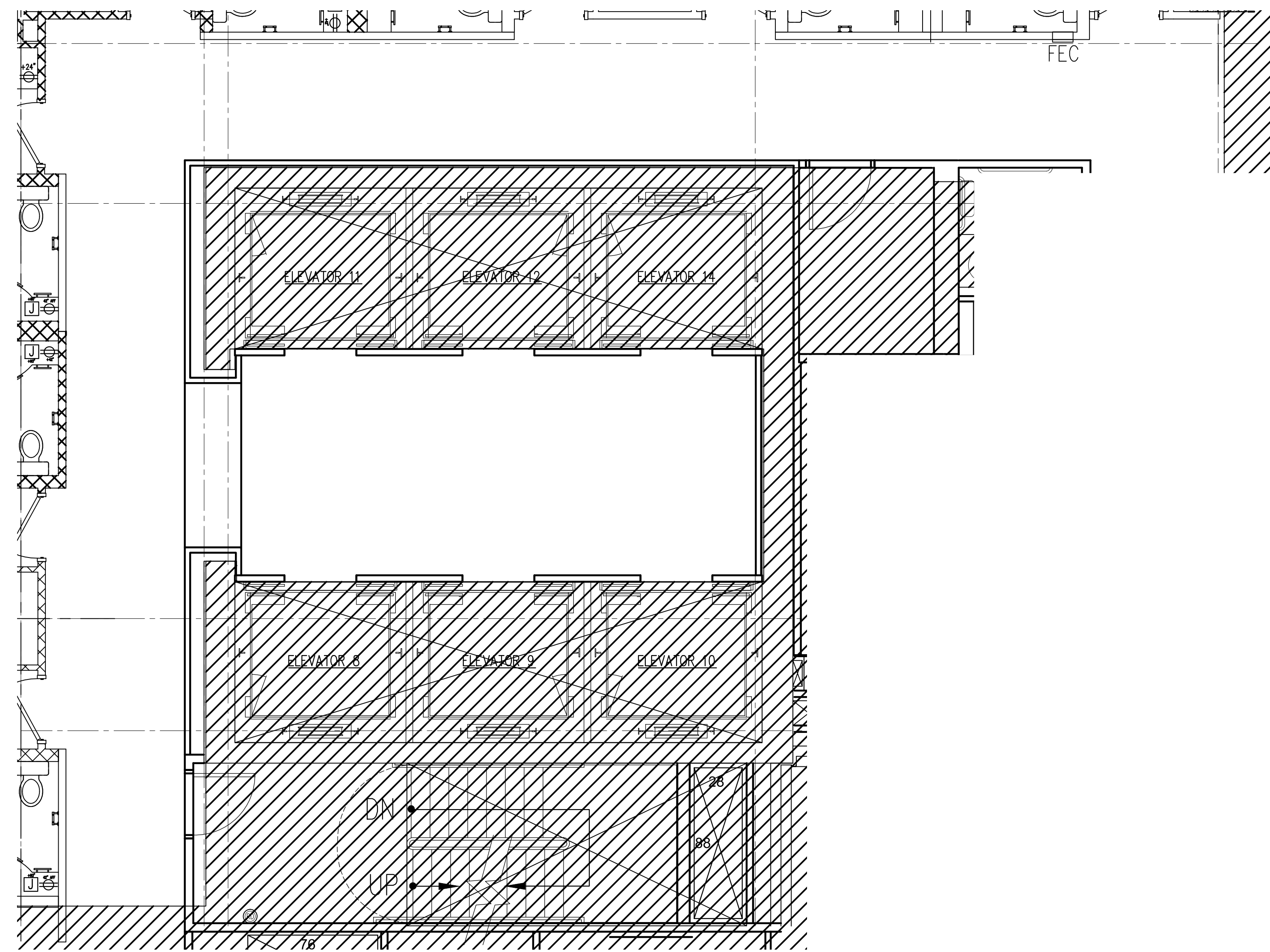
Project Number
02.8339.000

Description
CORRIDOR PLANS

Scale
1/4" = 1'-0"

A08.05

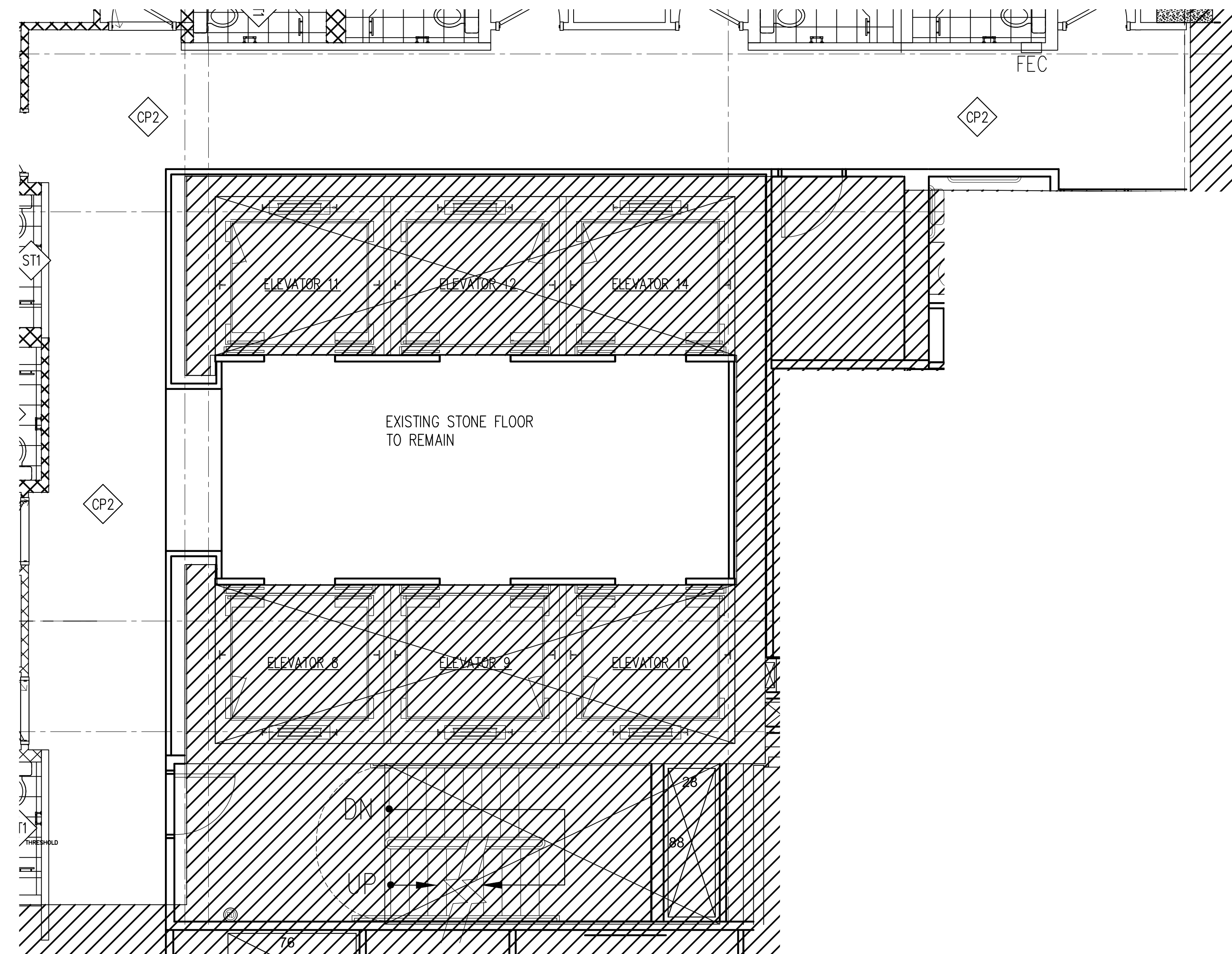
© 2017 Gensler



CORRIDOR - POWER/COMMUNICATION PLAN

SCALE: 1/4" = 1'-0"

02



CORRIDOR - FINISH PLAN

SCALE: 1/4" = 1'-0"

02

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010



Pennzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

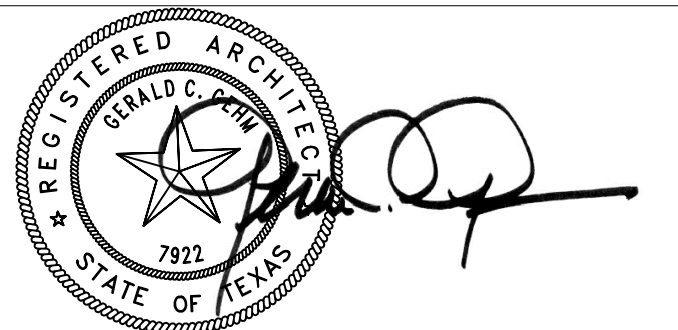
Hunt & Hunt Engineering Corp.

MEP Consultant
PO Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
12/01/2017	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

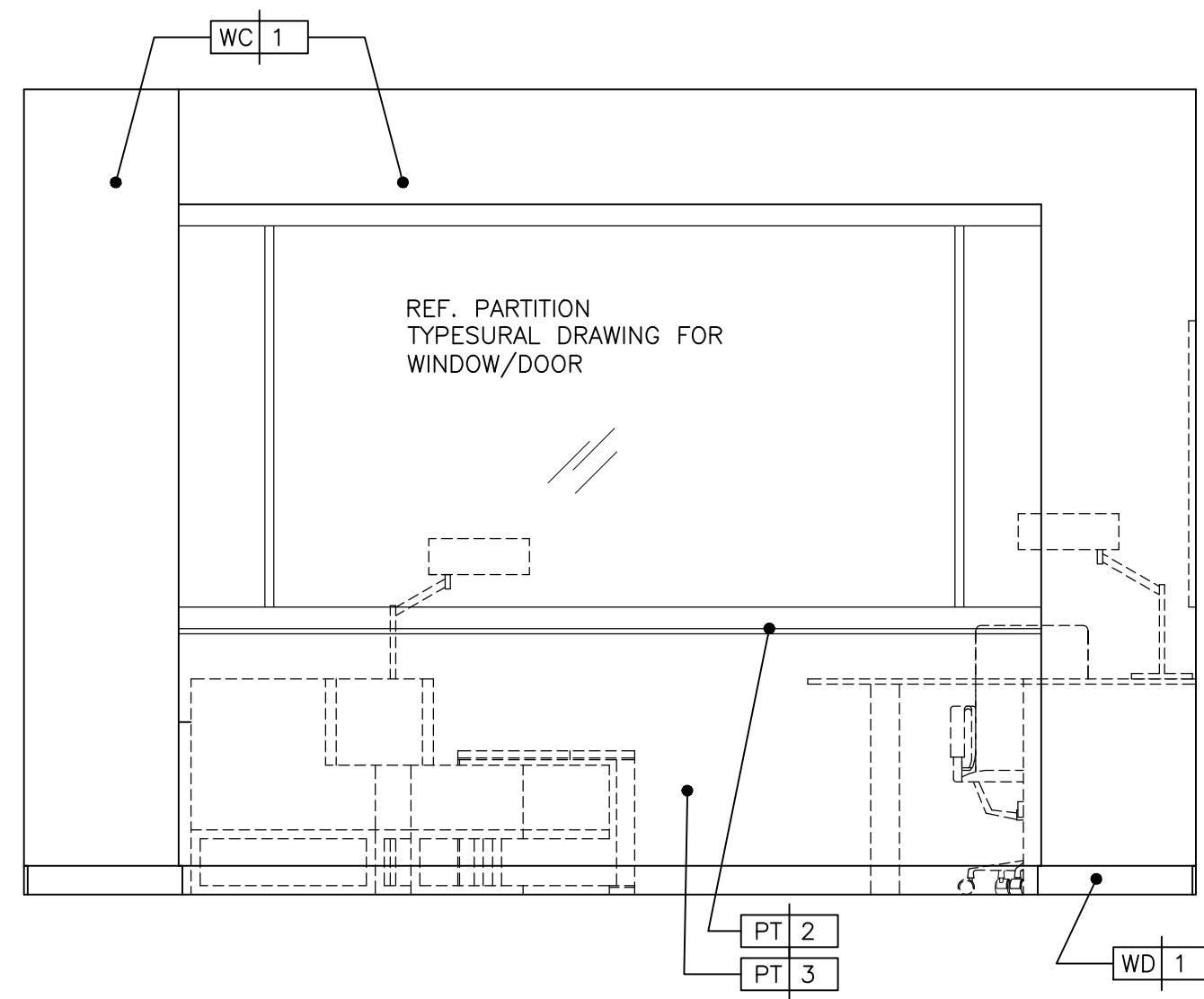
Project Number
02.8339.000

Description
CORRIDOR PLANS

Scale
1/4" = 1'-0"

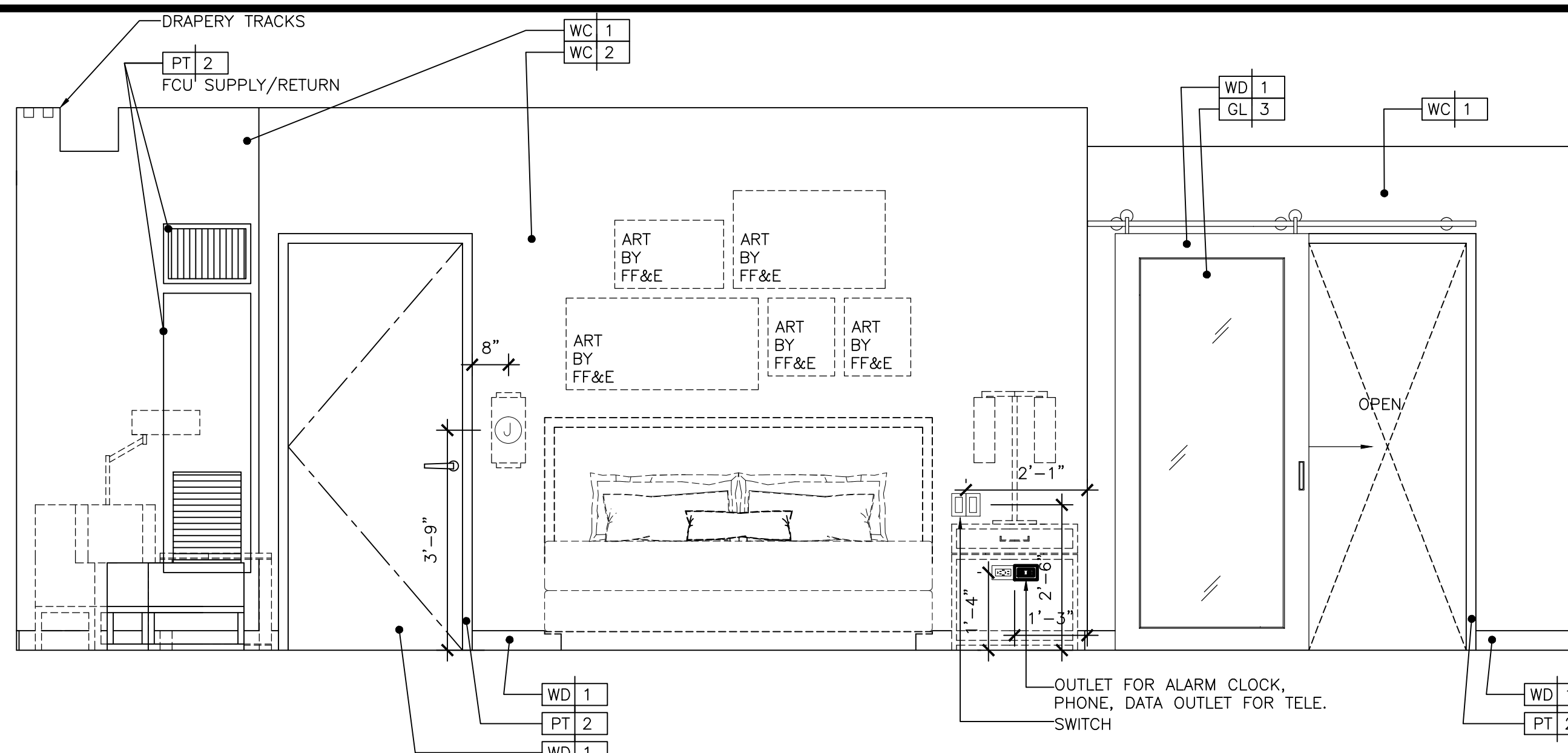
A08.06

© 2017 Gensler



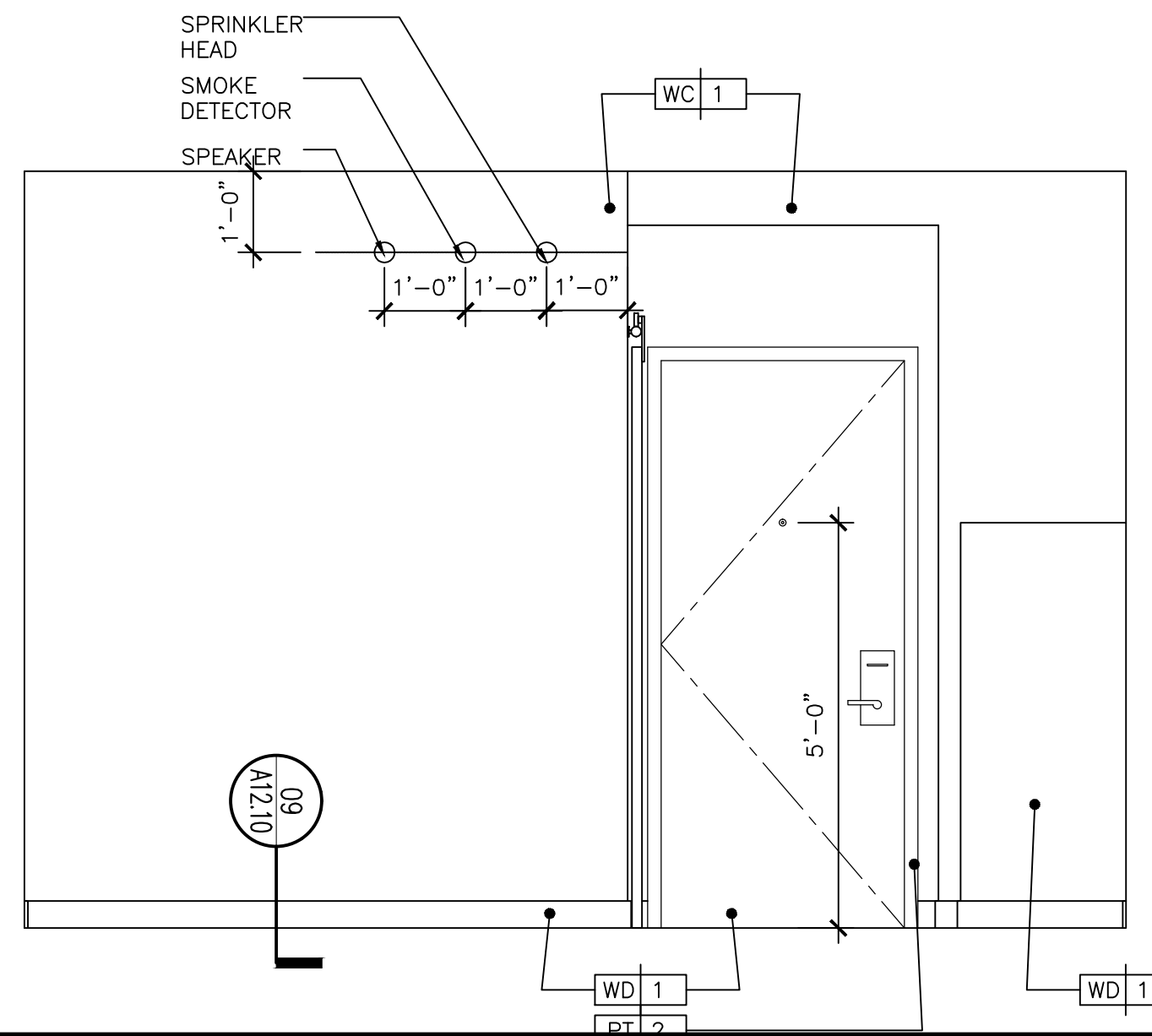
GUESTROOM ELEVATION
SCALE: 1/4" = 1'-0"

09



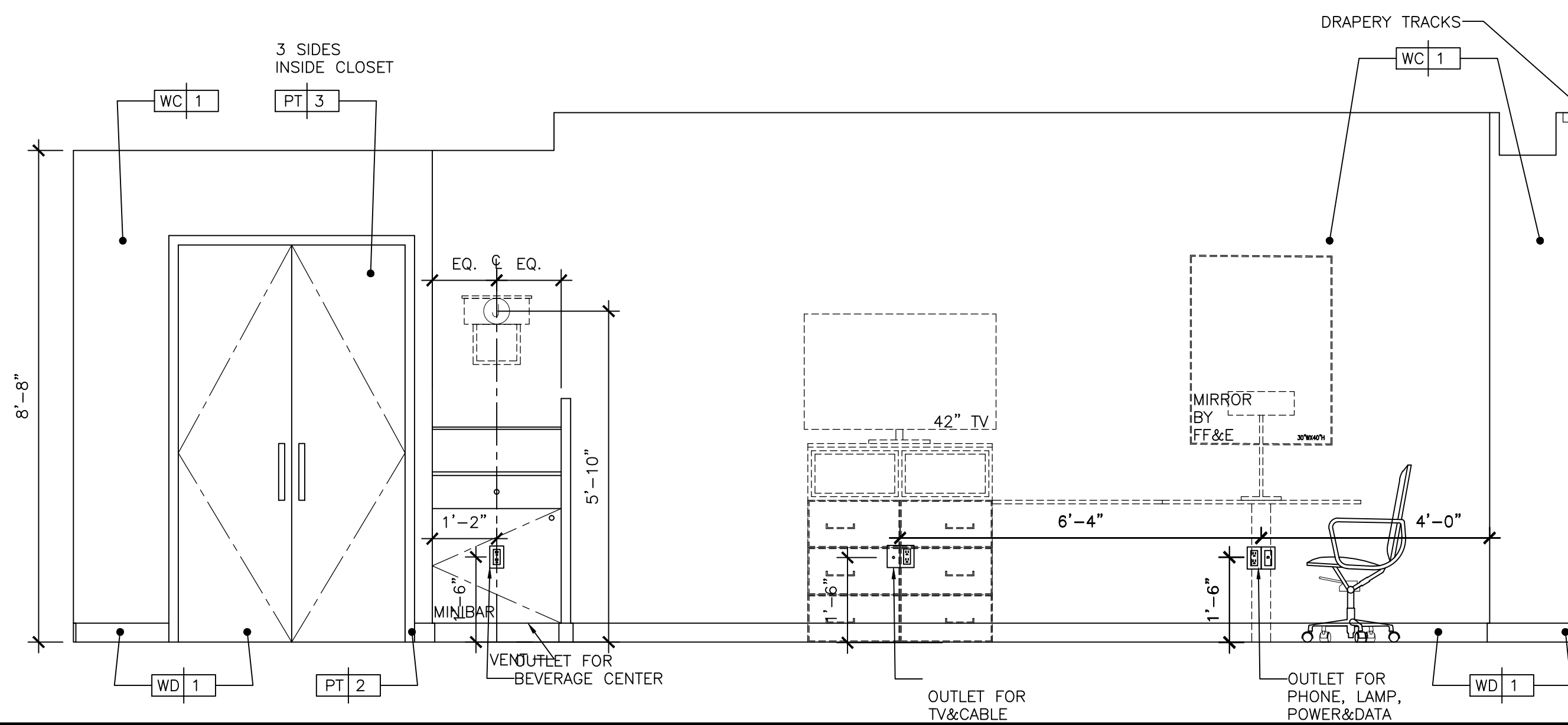
GUESTROOM ELEVATION
SCALE: 1/4" = 1'-0"

01



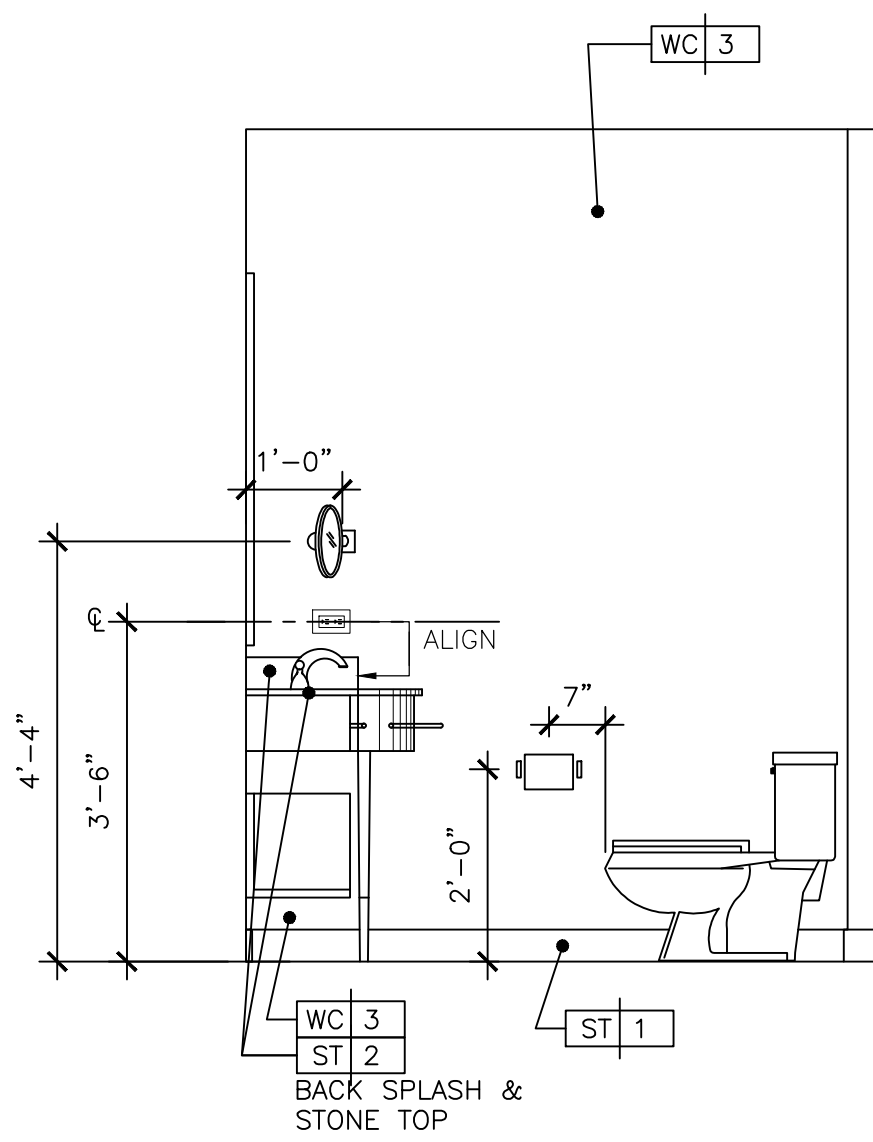
GUESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

10



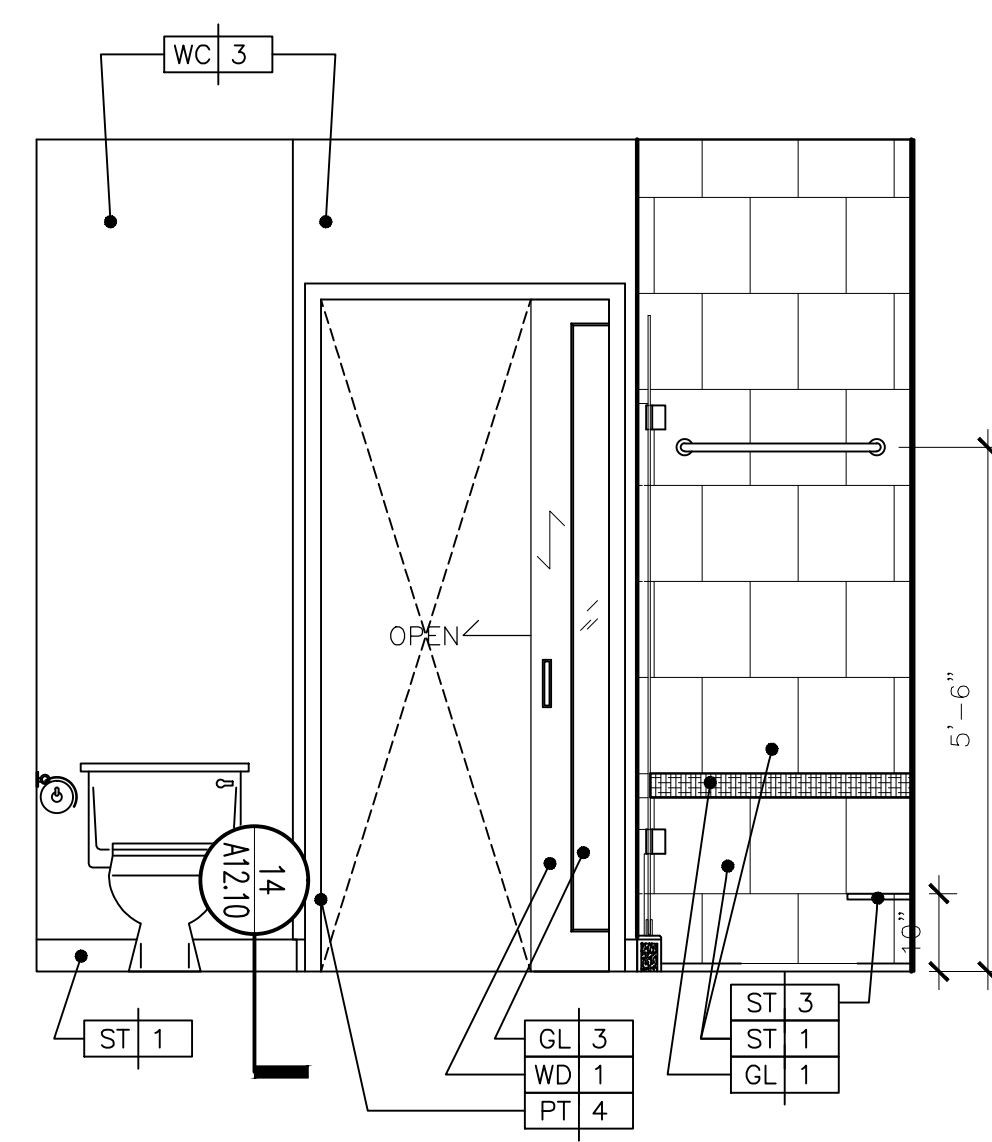
GUESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

02



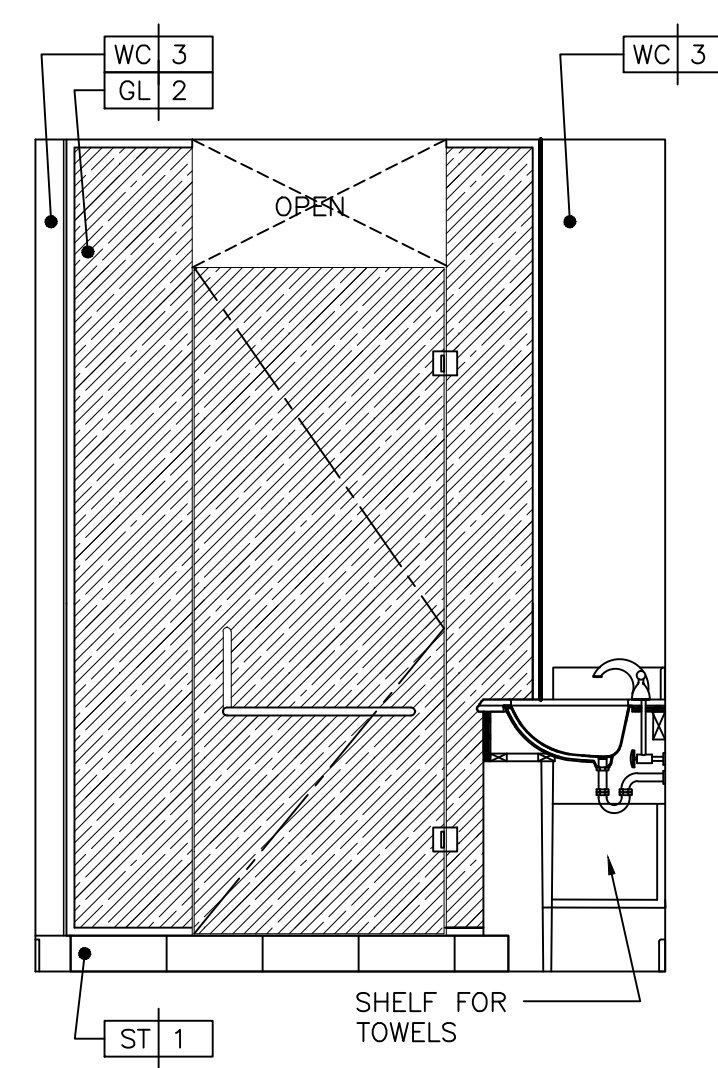
RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

15



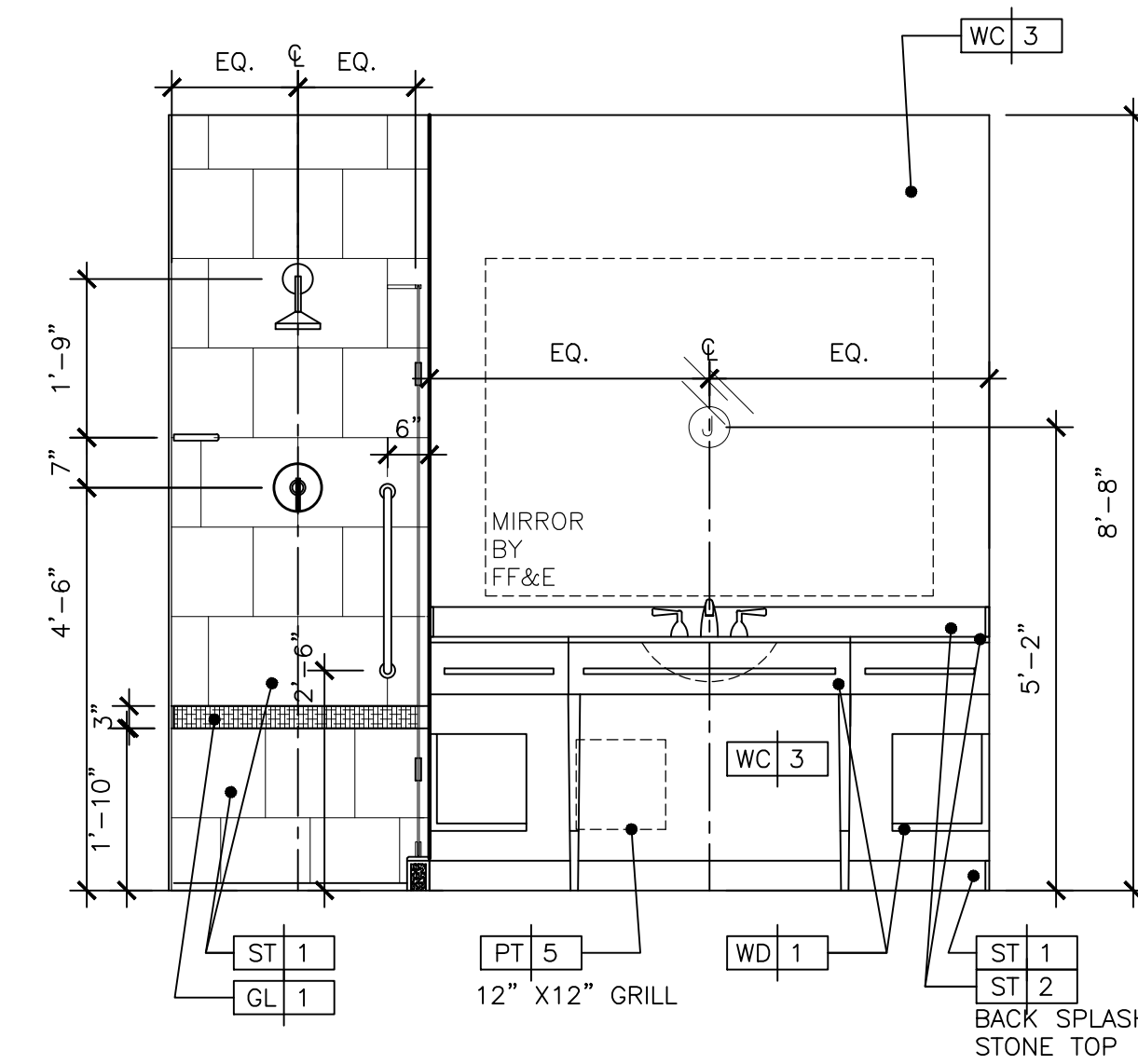
RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

11



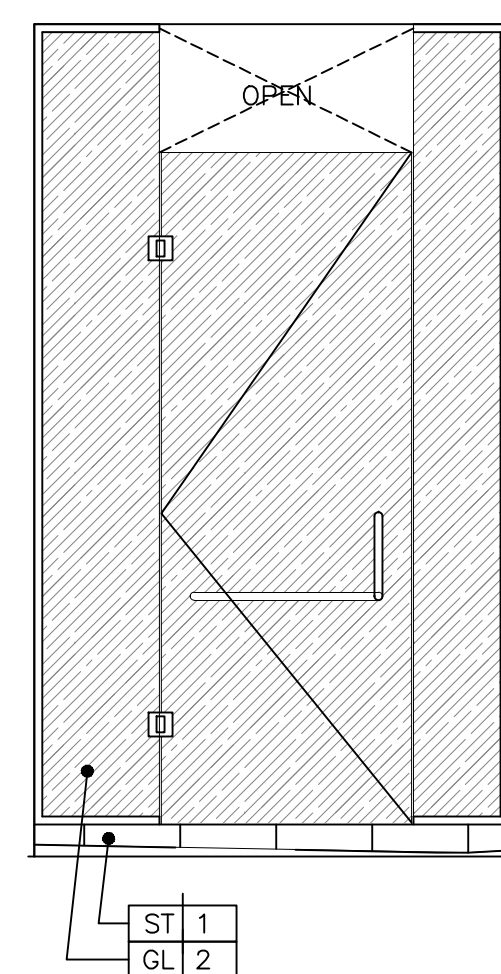
RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

07



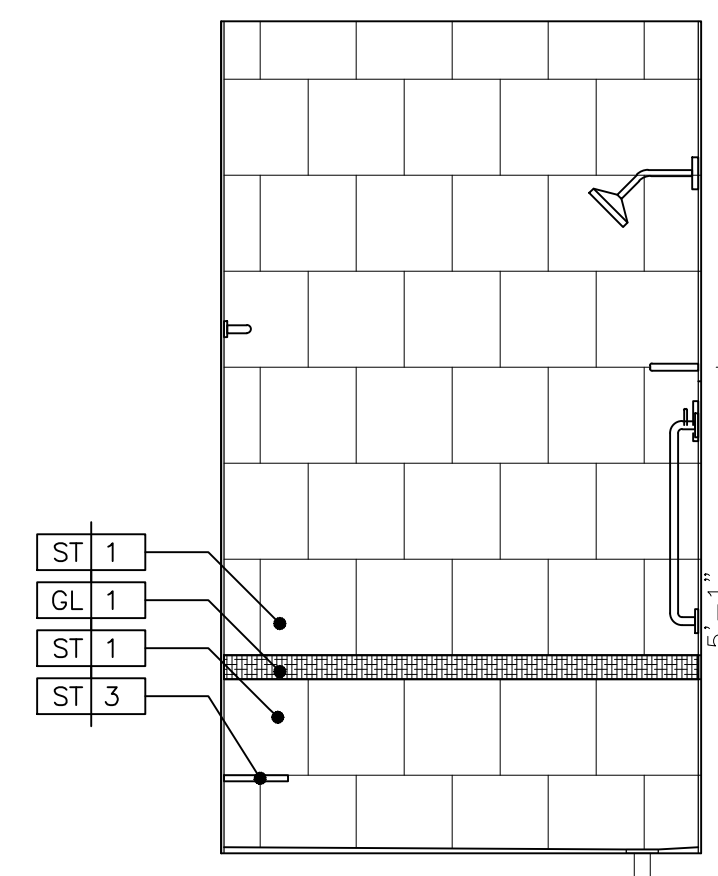
RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

03



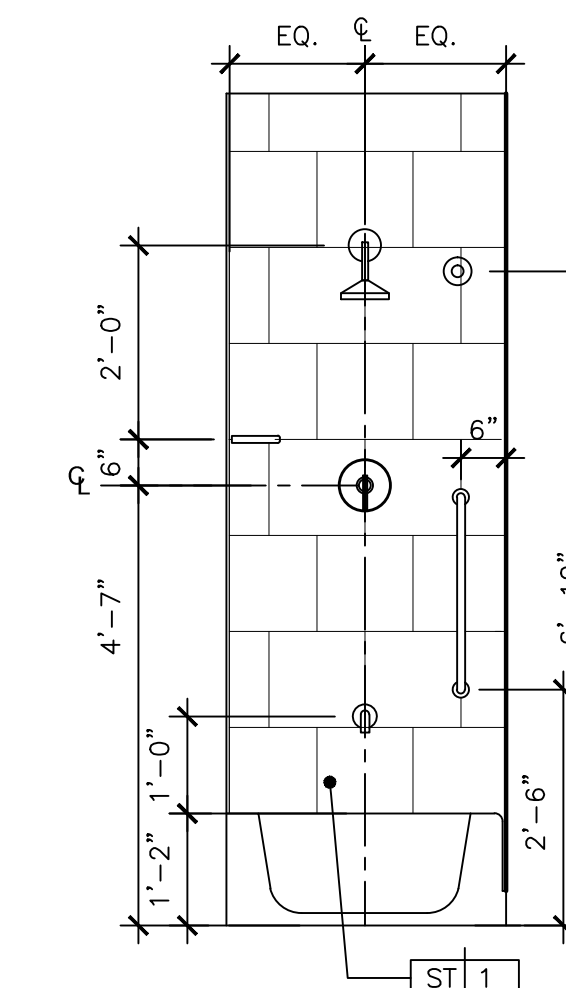
RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

16



RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

12



RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"

08

NOT USED
SCALE: 1/2" = 1'-0"

16

04

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

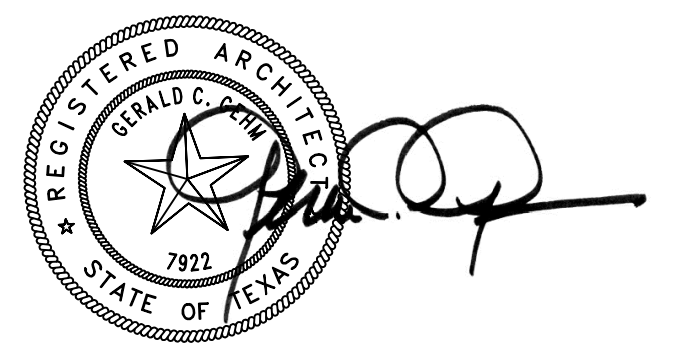
Hunt & Hunt Engineering Corp.

MEP Consultant
PO Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

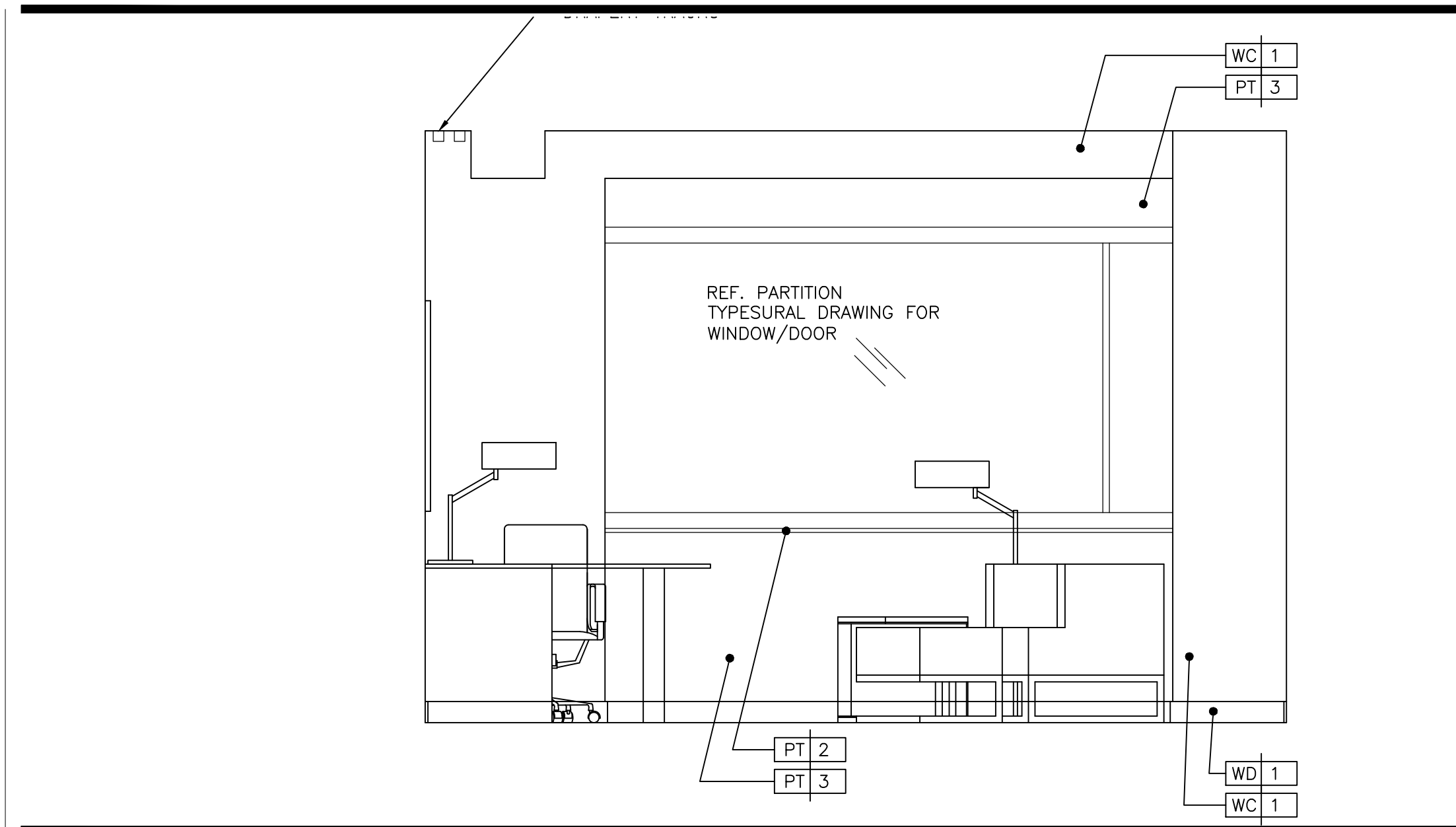
Project Number
02.8339.000

Description
GUESTROOM ELEVATIONS

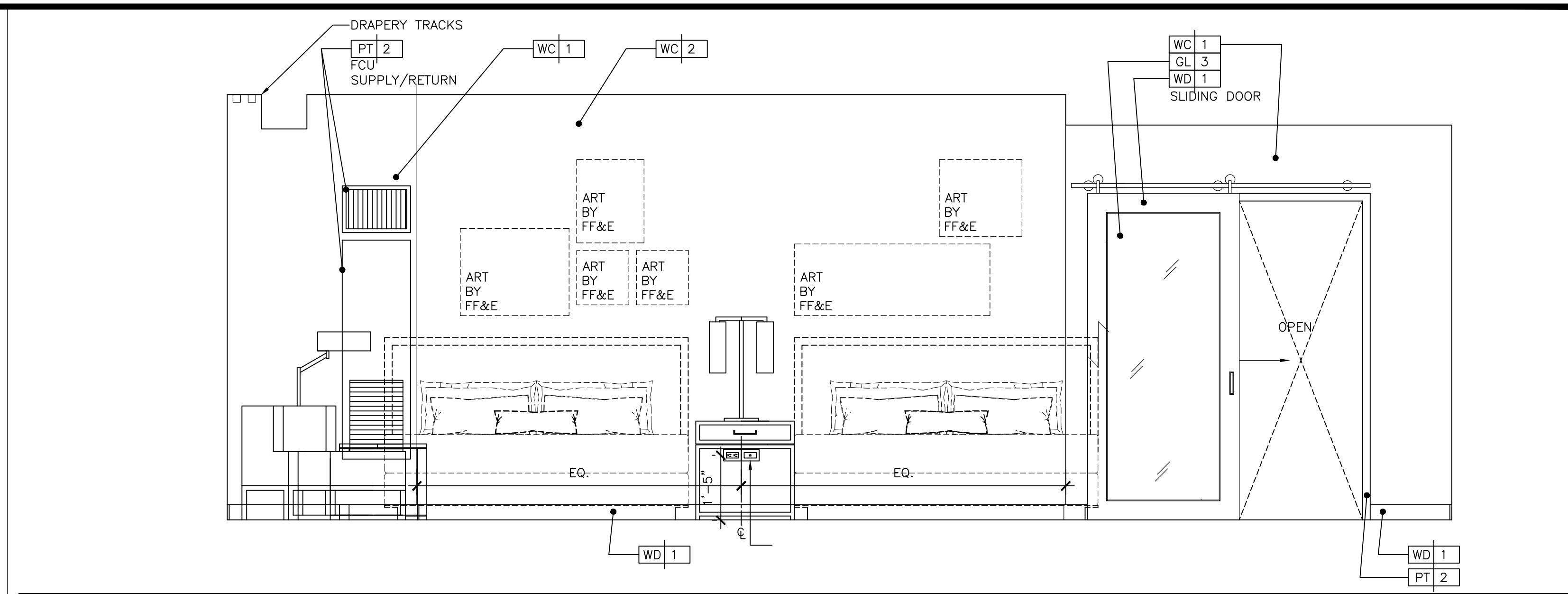
Scale
1/2" = 1'-0"

A11.00

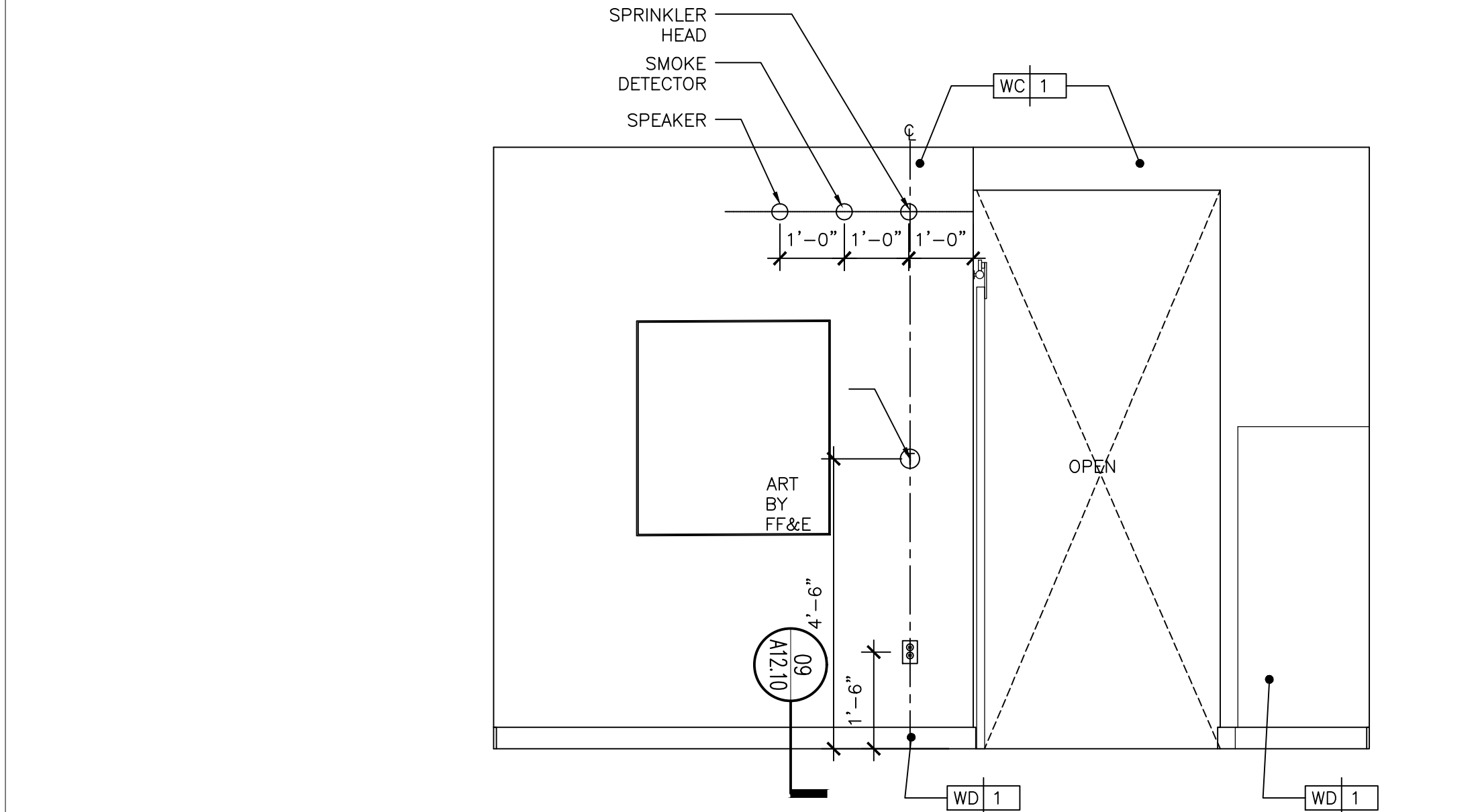
© 2017 Gensler



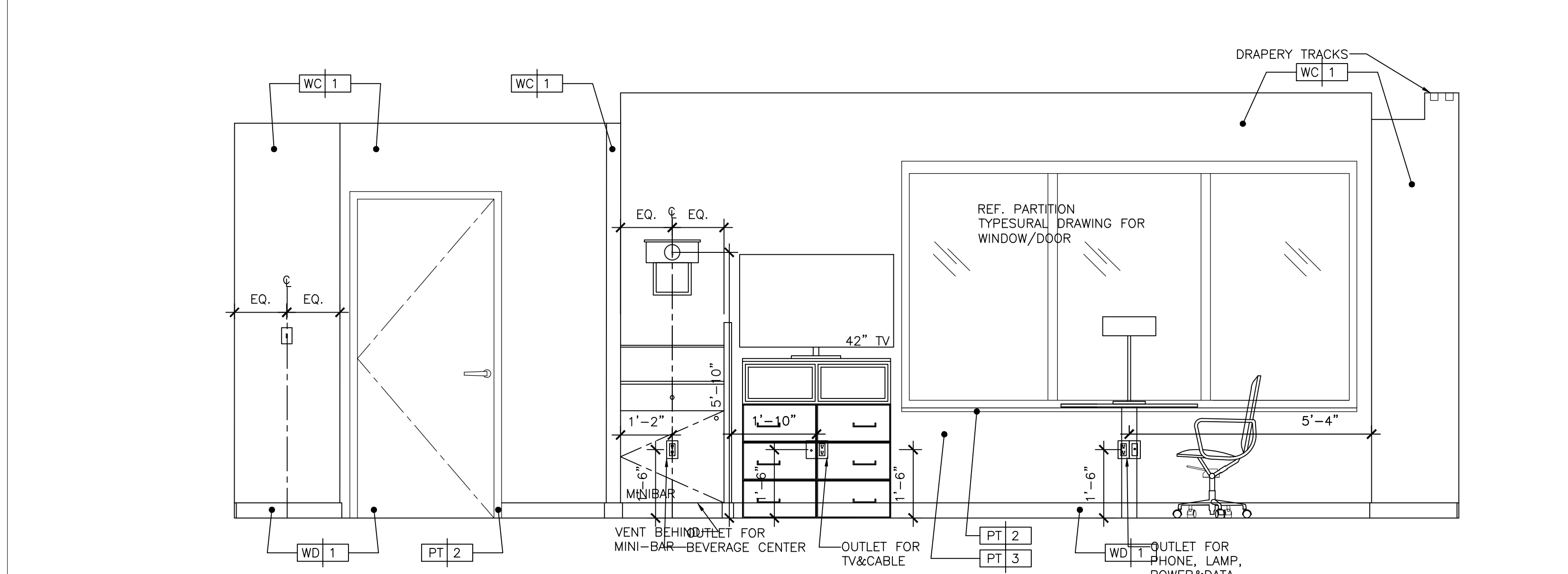
GUESTROOM ELEVATION 09
SCALE: 1/4" = 1'-0"



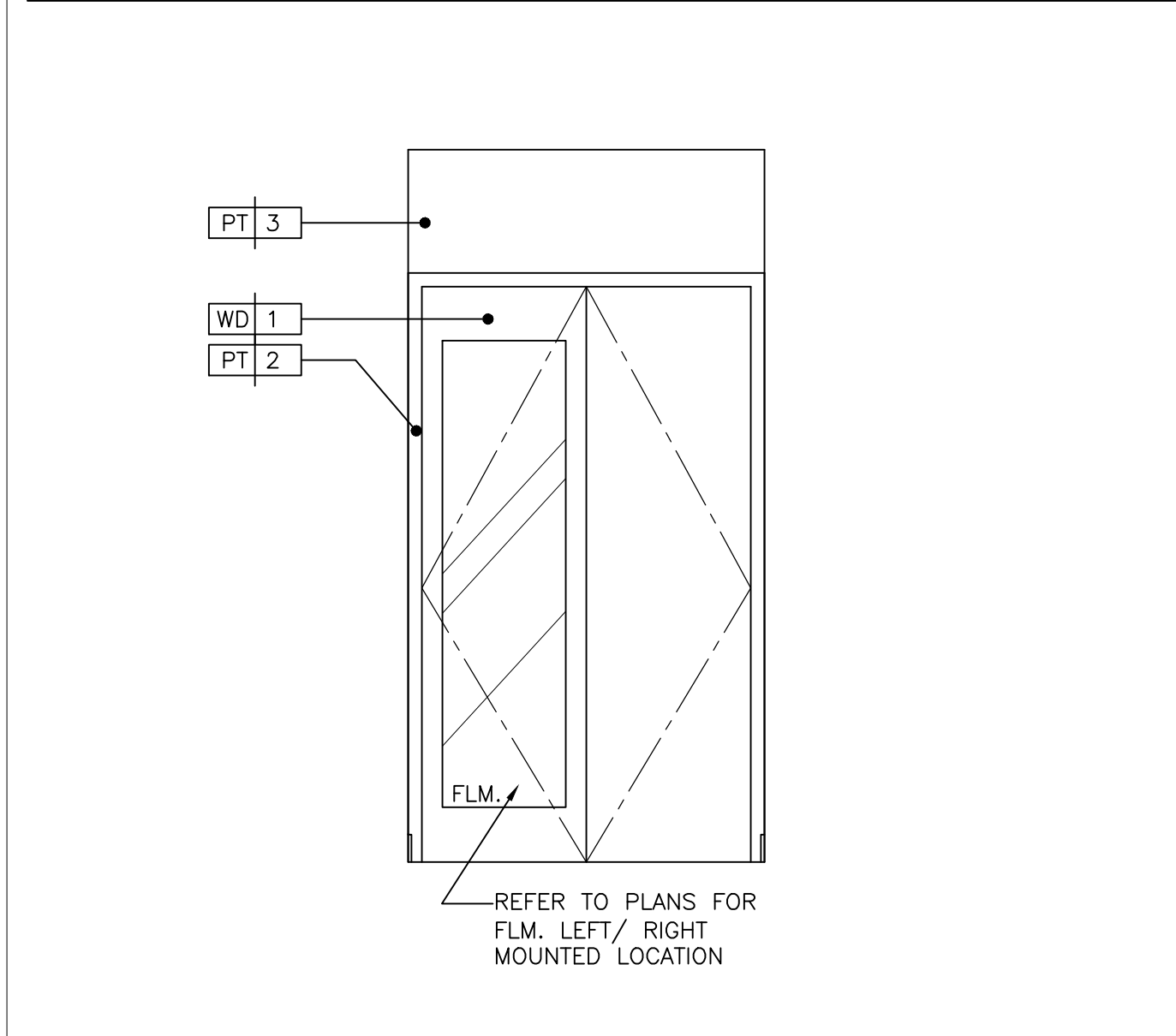
GUESTROOM ELEVATION 01
SCALE: 1/4" = 1'-0"



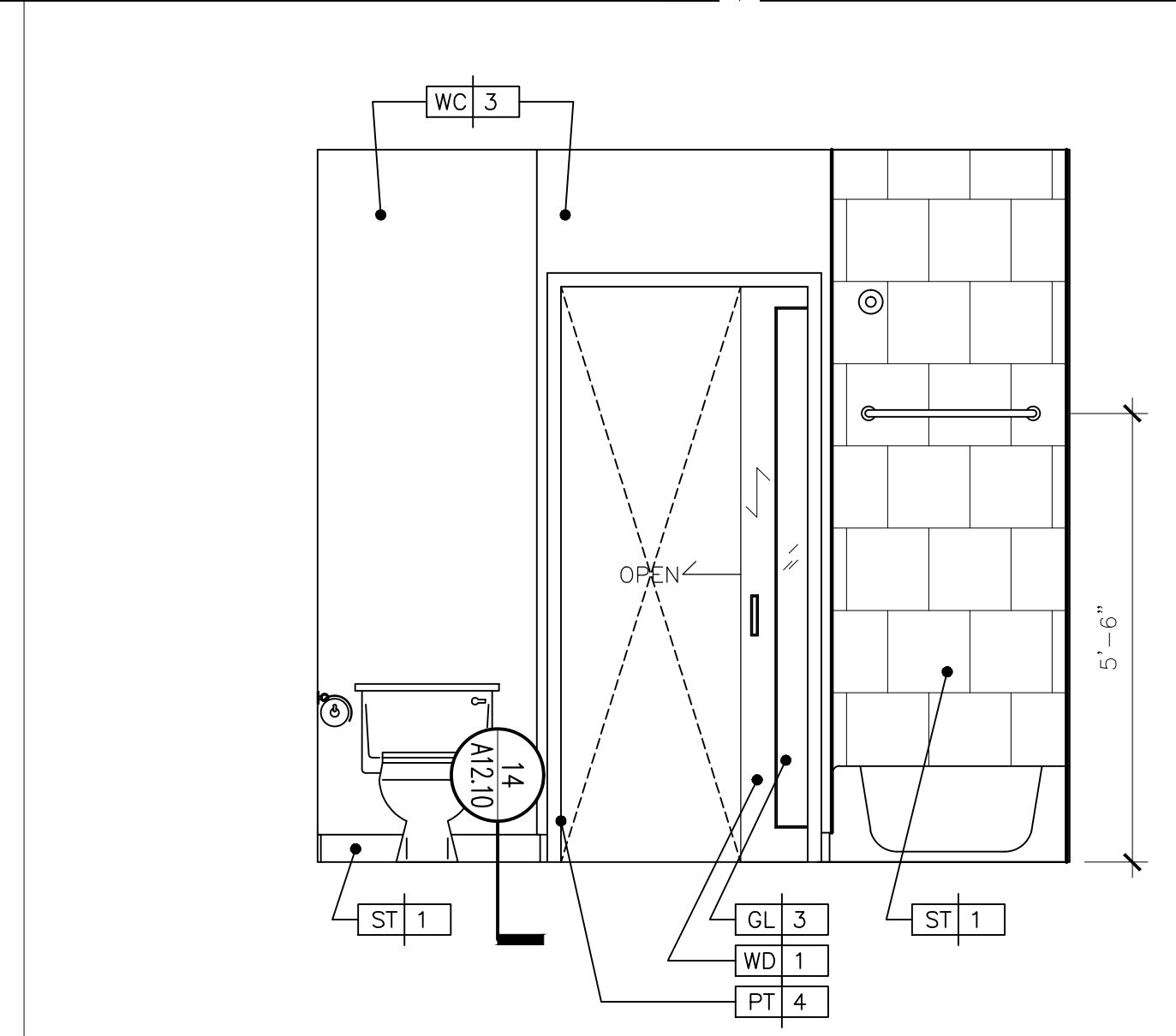
GUESTROOM ELEVATION 10
SCALE: 1/2" = 1'-0"



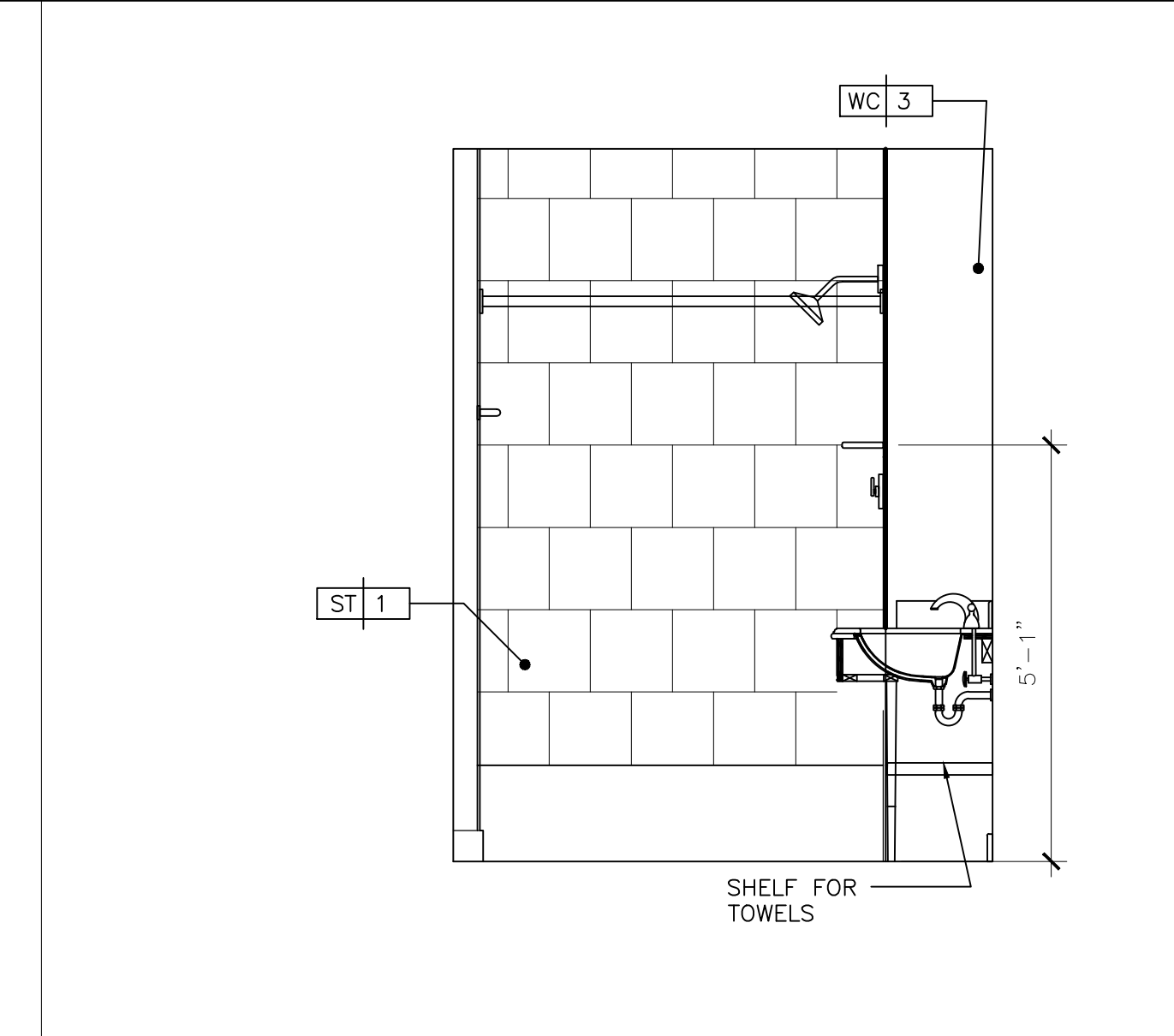
GUESTROOM ELEVATION 02
SCALE: 1/2" = 1'-0"



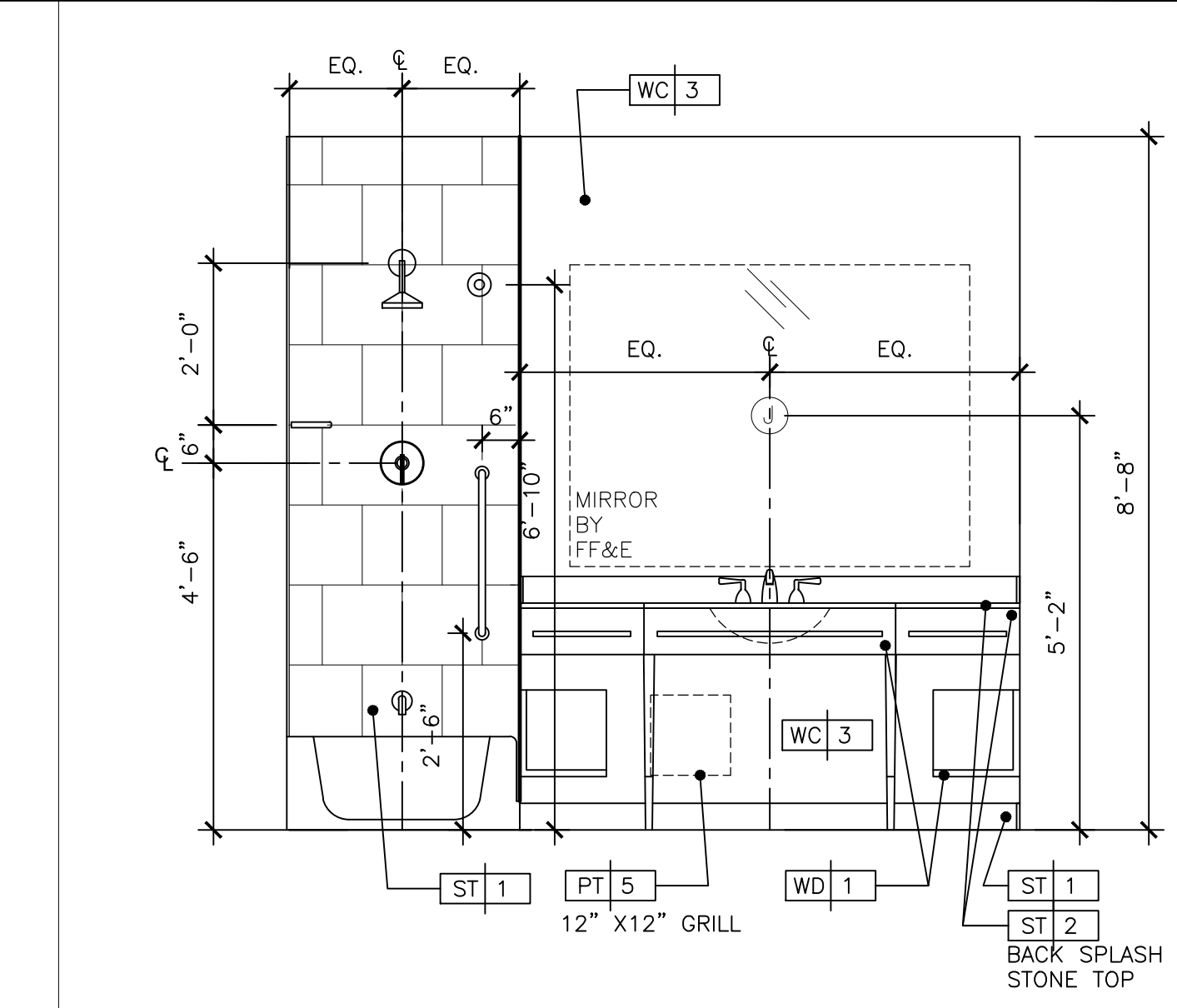
CLOSET ELEVATION 15
SCALE: 1/2" = 1'-0"



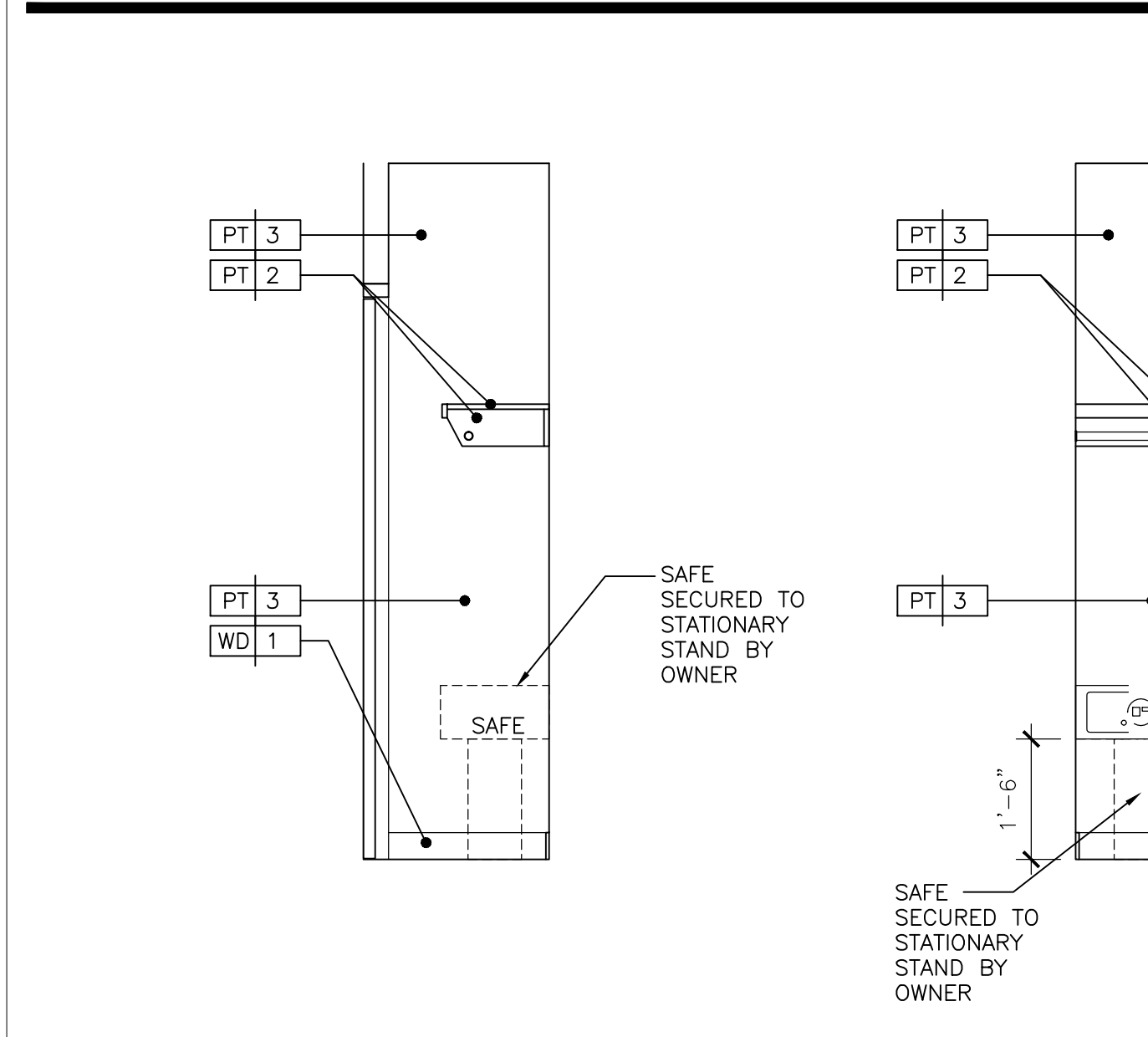
RESTROOM ELEVATION 11
SCALE: 1/2" = 1'-0"



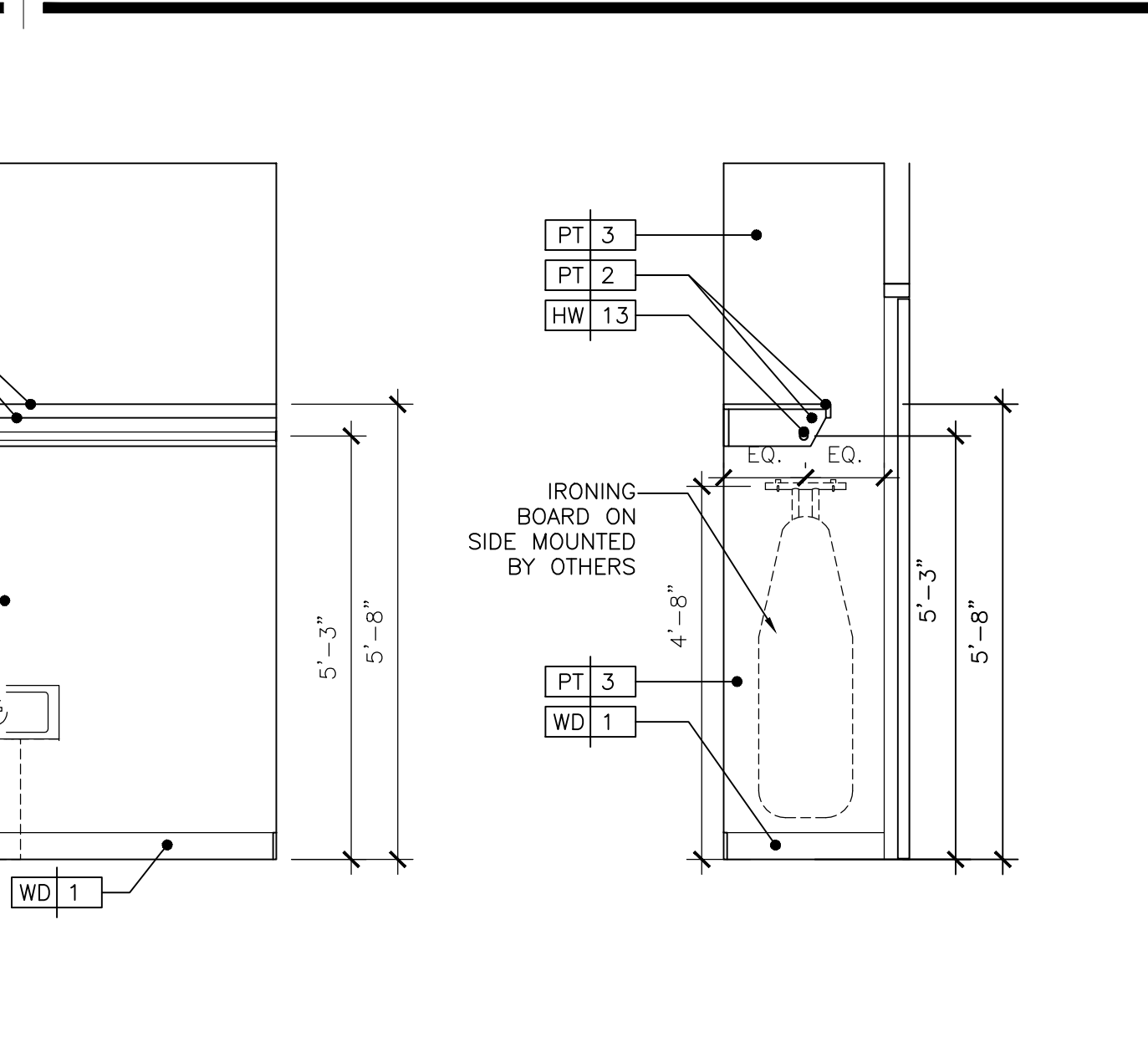
RESTROOM ELEVATION 07
SCALE: 1/2" = 1'-0"



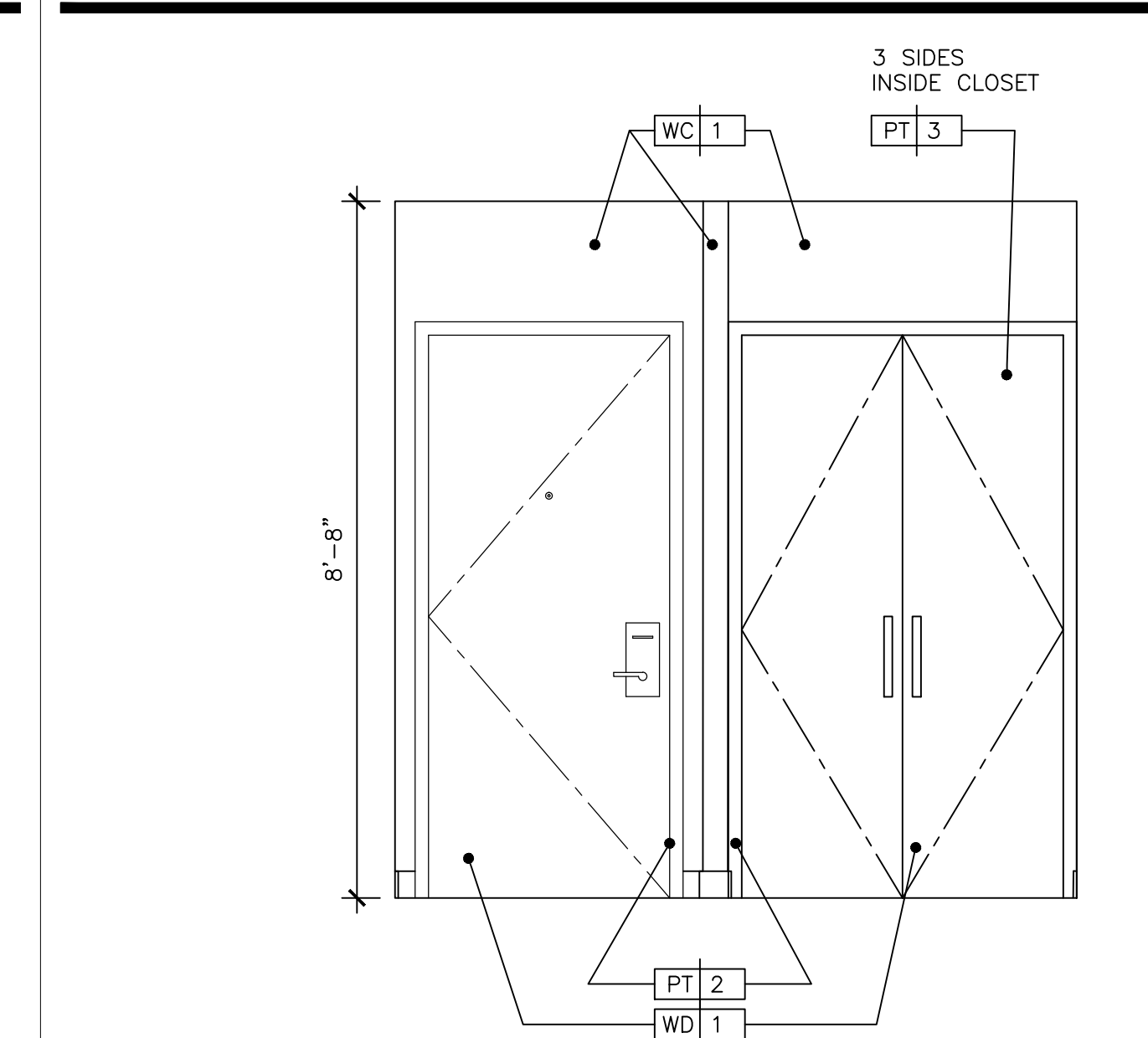
RESTROOM ELEVATION 03
SCALE: 1/2" = 1'-0"



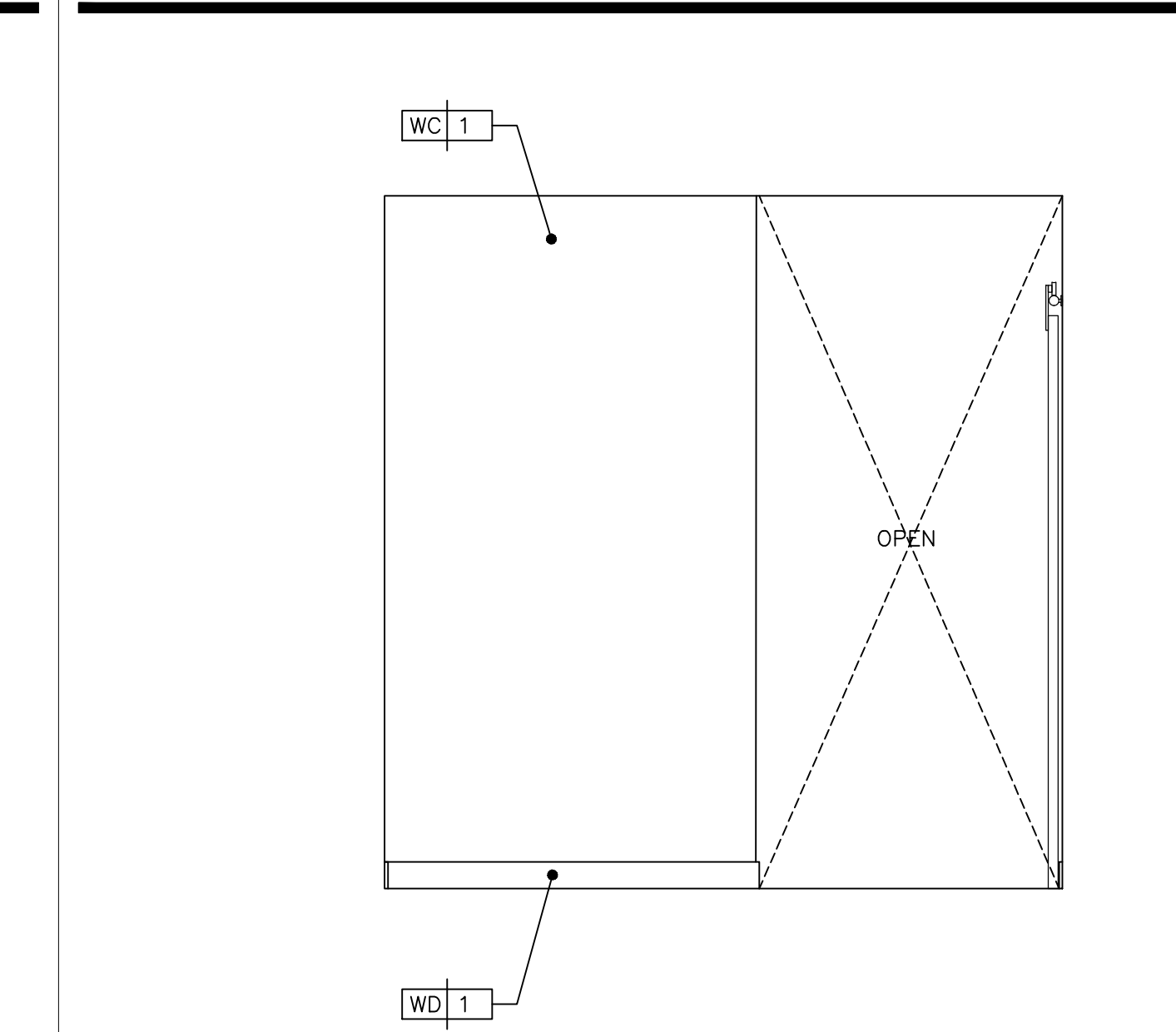
CLOSET ELEVATION 17
SCALE: 1/2" = 1'-0"



CLOSET ELEVATION 16
SCALE: 1/2" = 1'-0"



FOYER ELEVATION 08
SCALE: 1/2" = 1'-0"



FOYER ELEVATION 04
SCALE: 1/2" = 1'-0"

SHEET NOTES

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Hunt & Hunt Engineering Corp.
MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

SHEET NOTES

Issue # | **Issue Date** | **Issue Description**

12/01/2017	ISSUE FOR BID / PERMIT	
------------	------------------------	--

GENERAL NOTES

- FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
 - ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
 - PATCH AND REPAIR ALL DEMO LOCATIONS.
 - ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.
- NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

SHEET NOTES

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Hunt & Hunt Engineering Corp.
MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue # | **Issue Date** | **Issue Description**

12/01/2017	ISSUE FOR BID / PERMIT	
------------	------------------------	--

Seal/Signature

DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

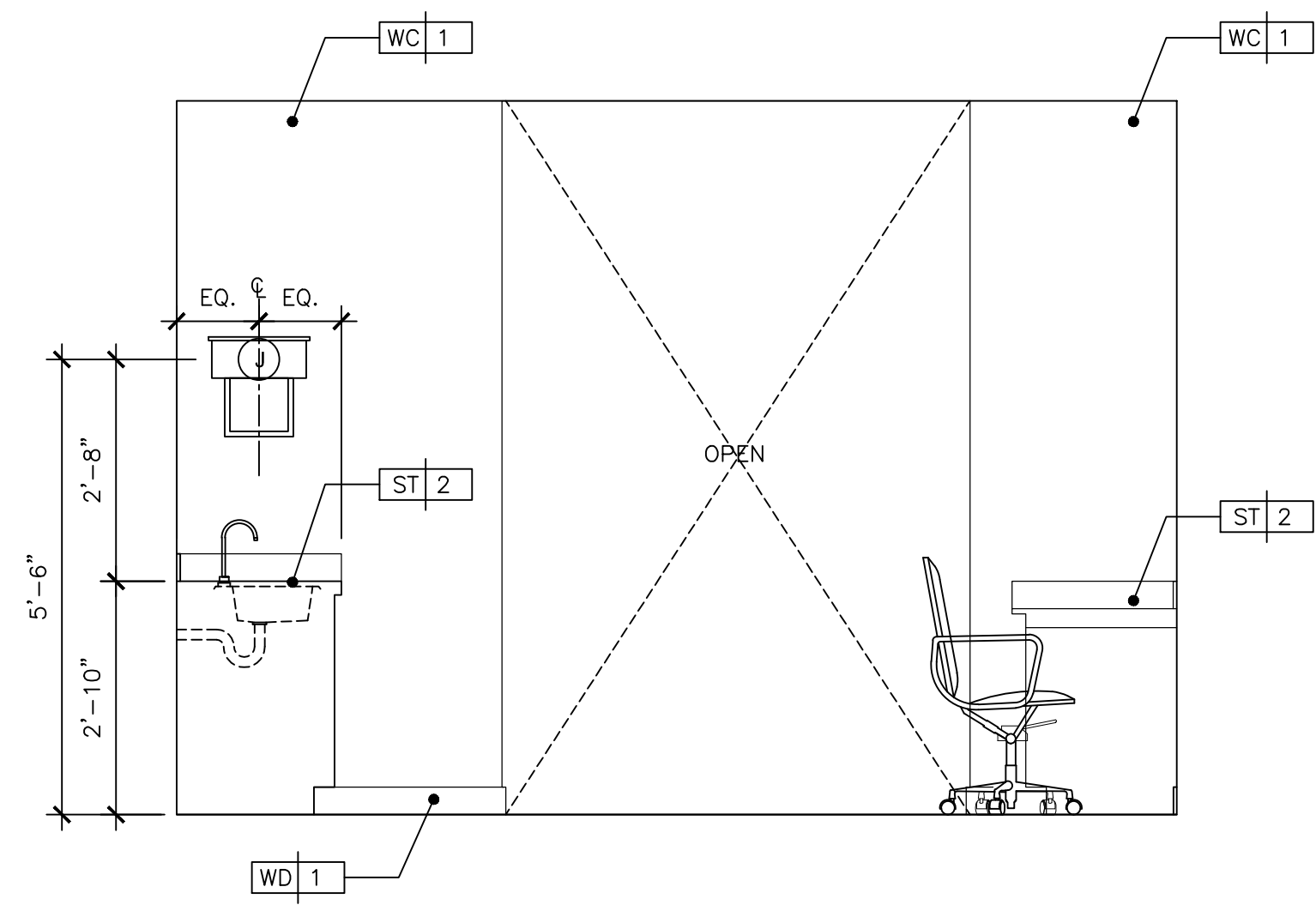
Project Number
02.8339.000

Description
GUESTROOM ELEVATIONS

Scale
1/2" = 1'-0"

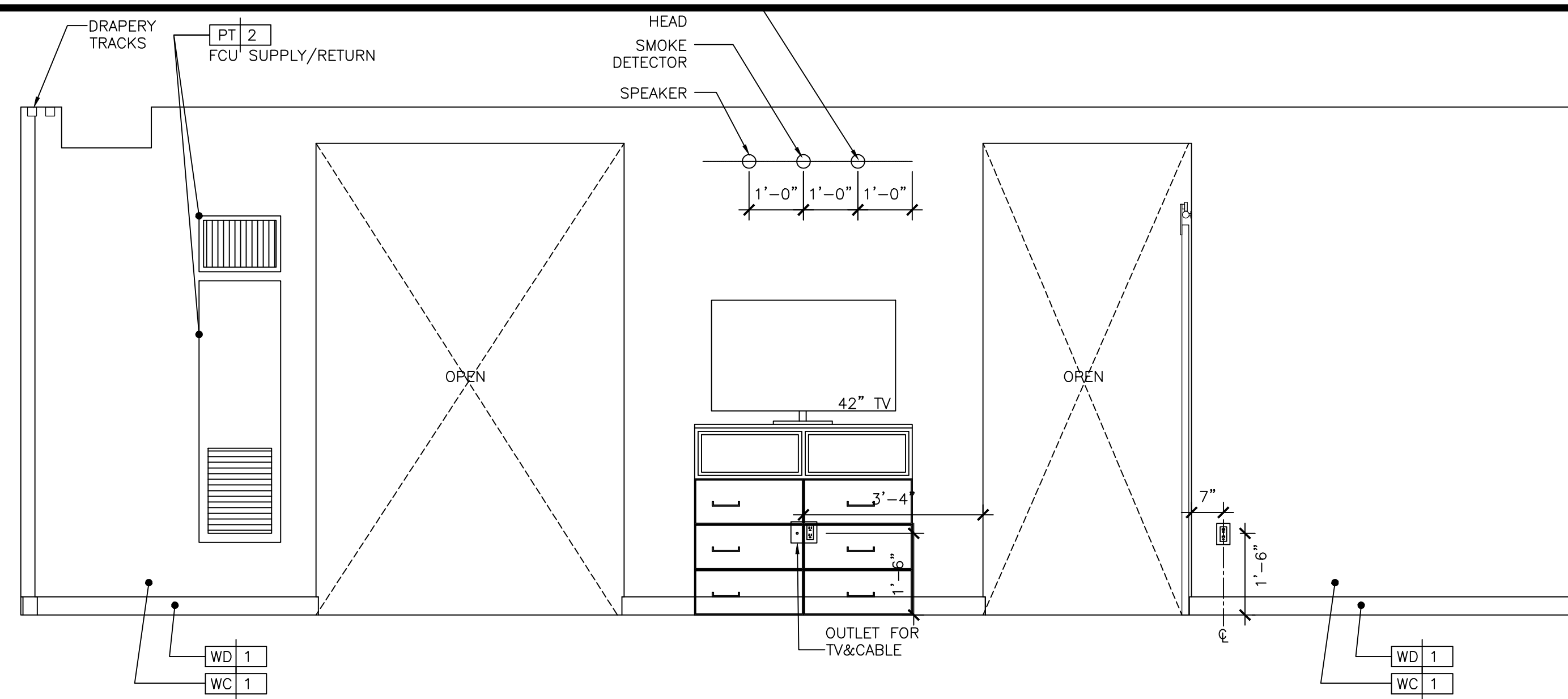
A11.01

© 2017 Gensler



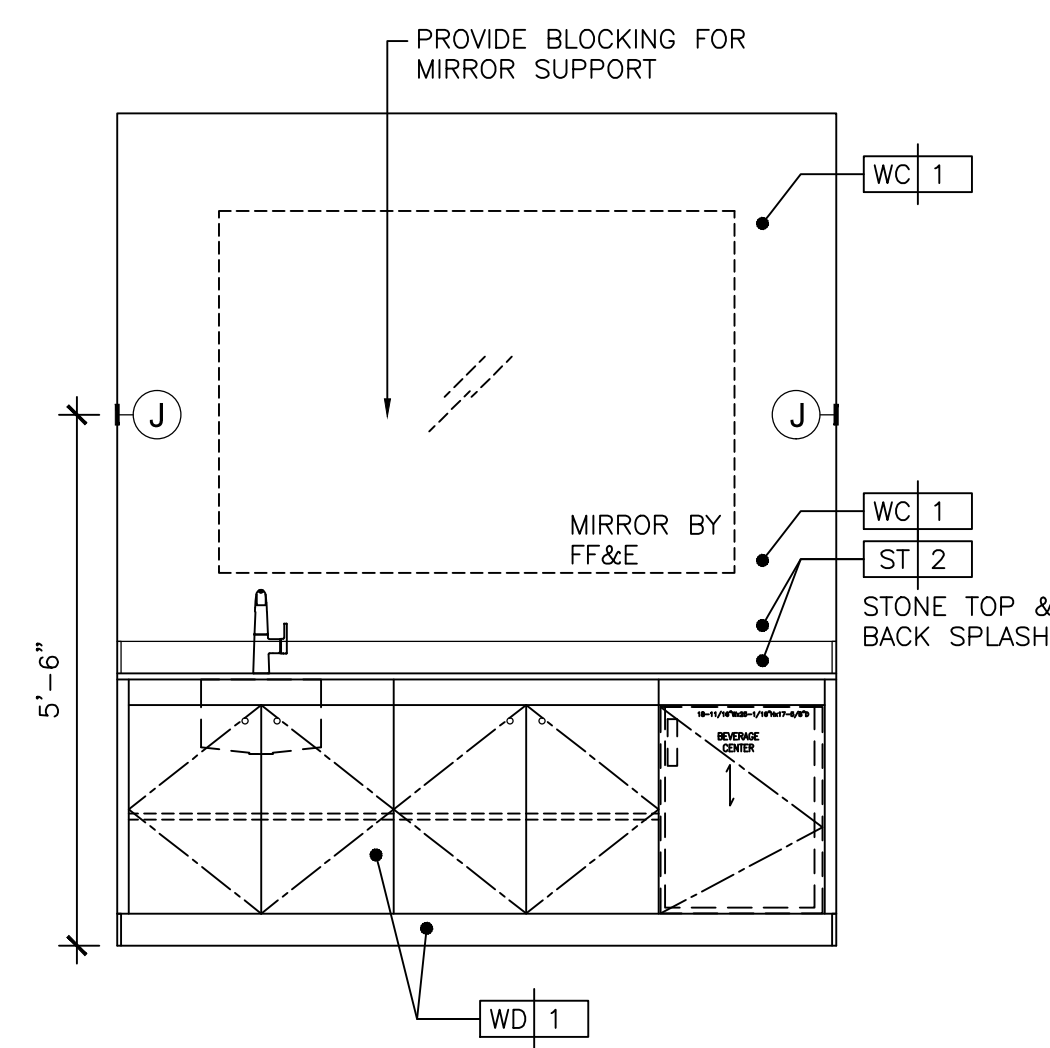
ELEVATION
SCALE: 1/4" = 1'-0"

09



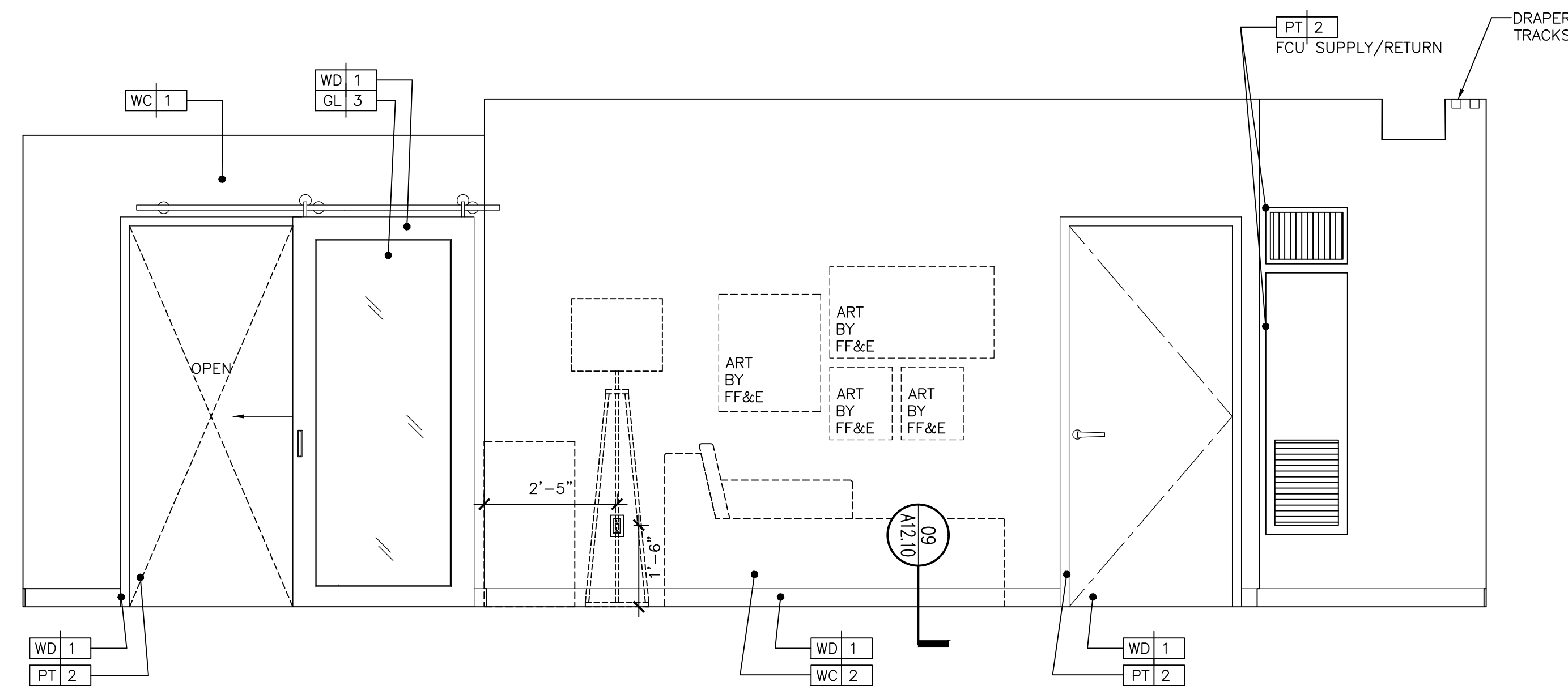
ELEVATION
SCALE: 1/4" = 1'-0"

01



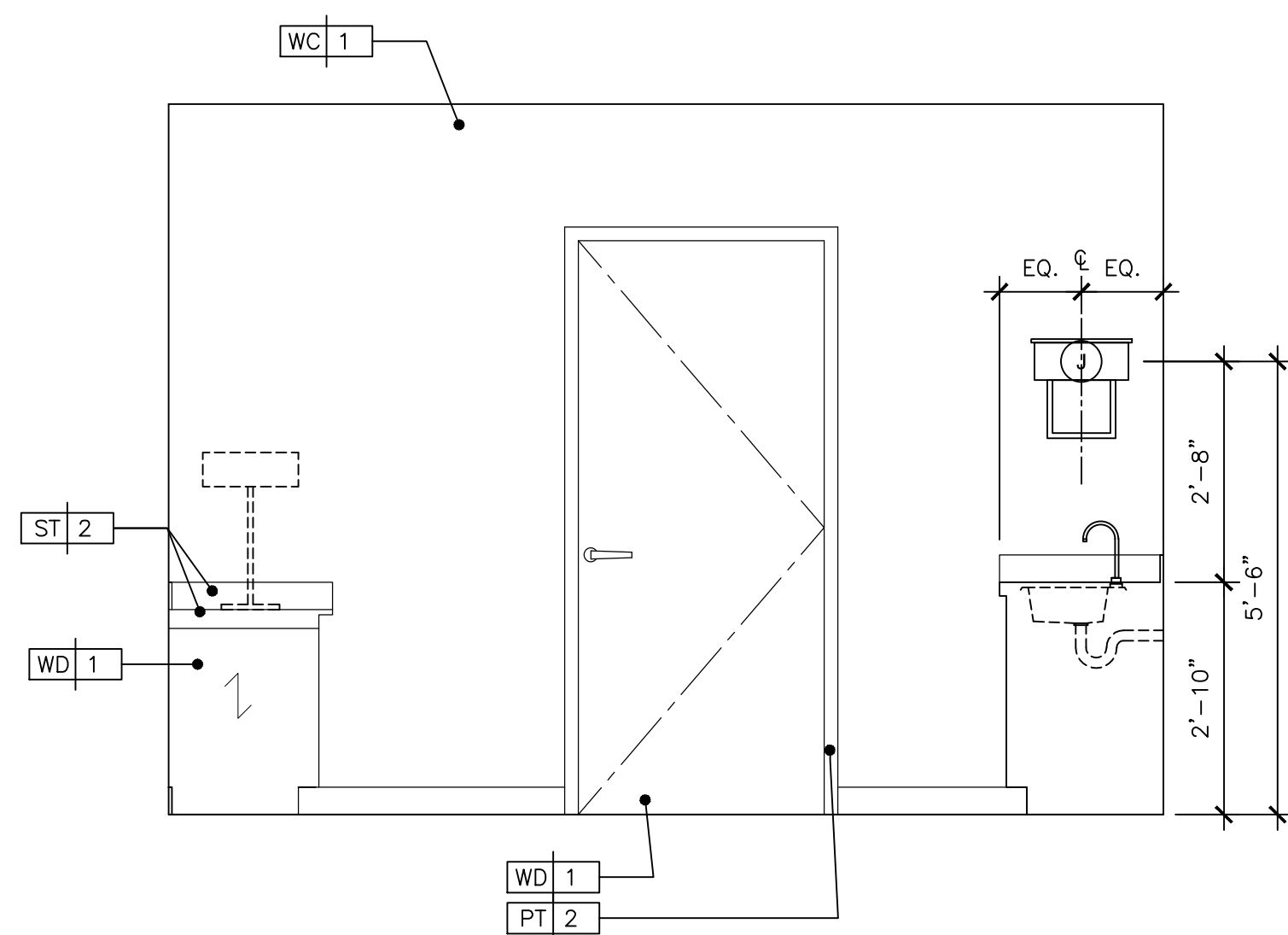
ELEVATION
SCALE: 1/2" = 1'-0"

10



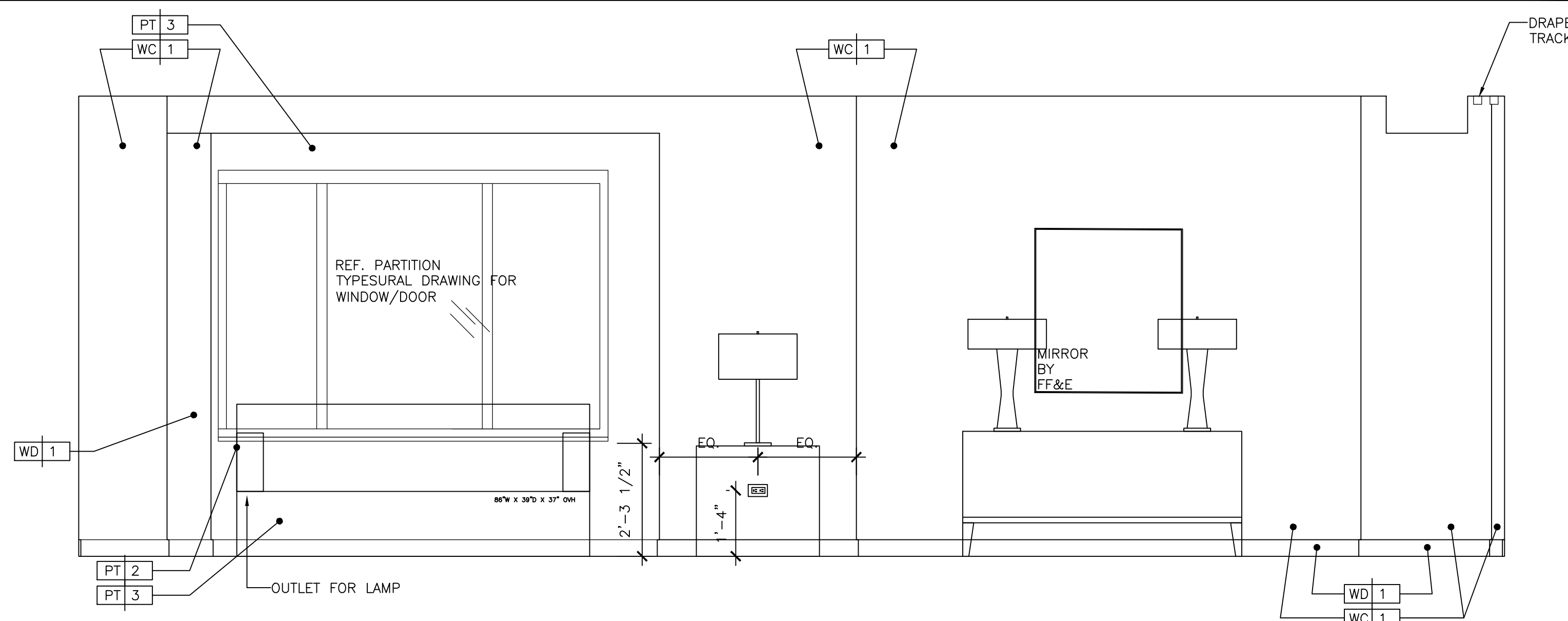
ELEVATION
SCALE: 1/2" = 1'-0"

02



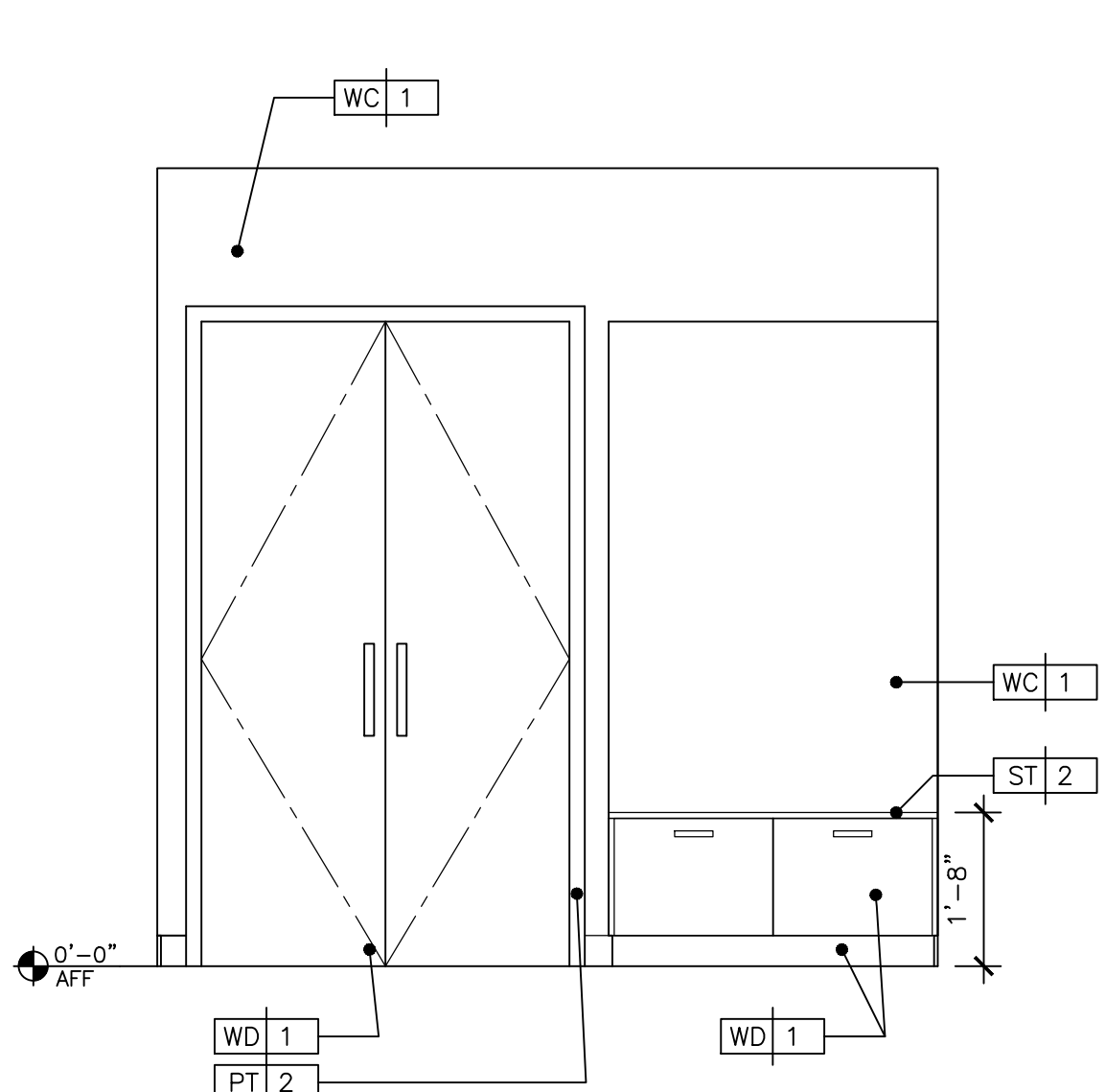
ELEVATION
SCALE: 1/2" = 1'-0"

11



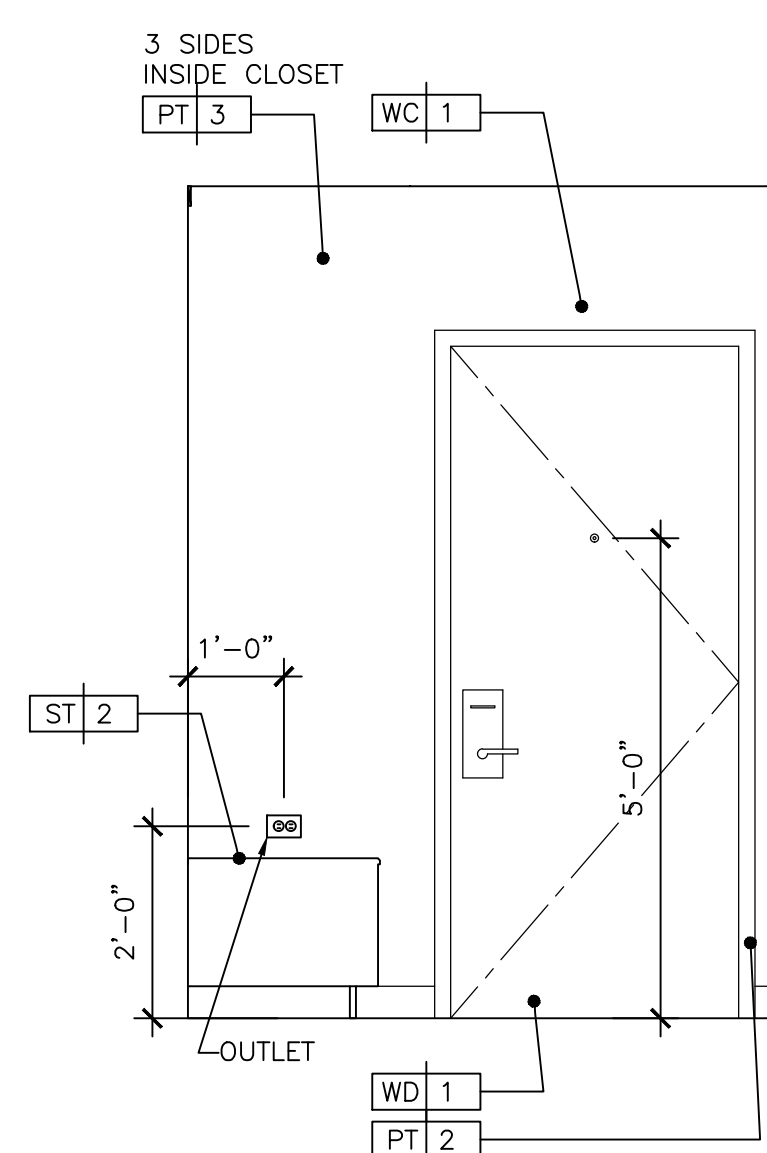
ELEVATION
SCALE: 1/2" = 1'-0"

03



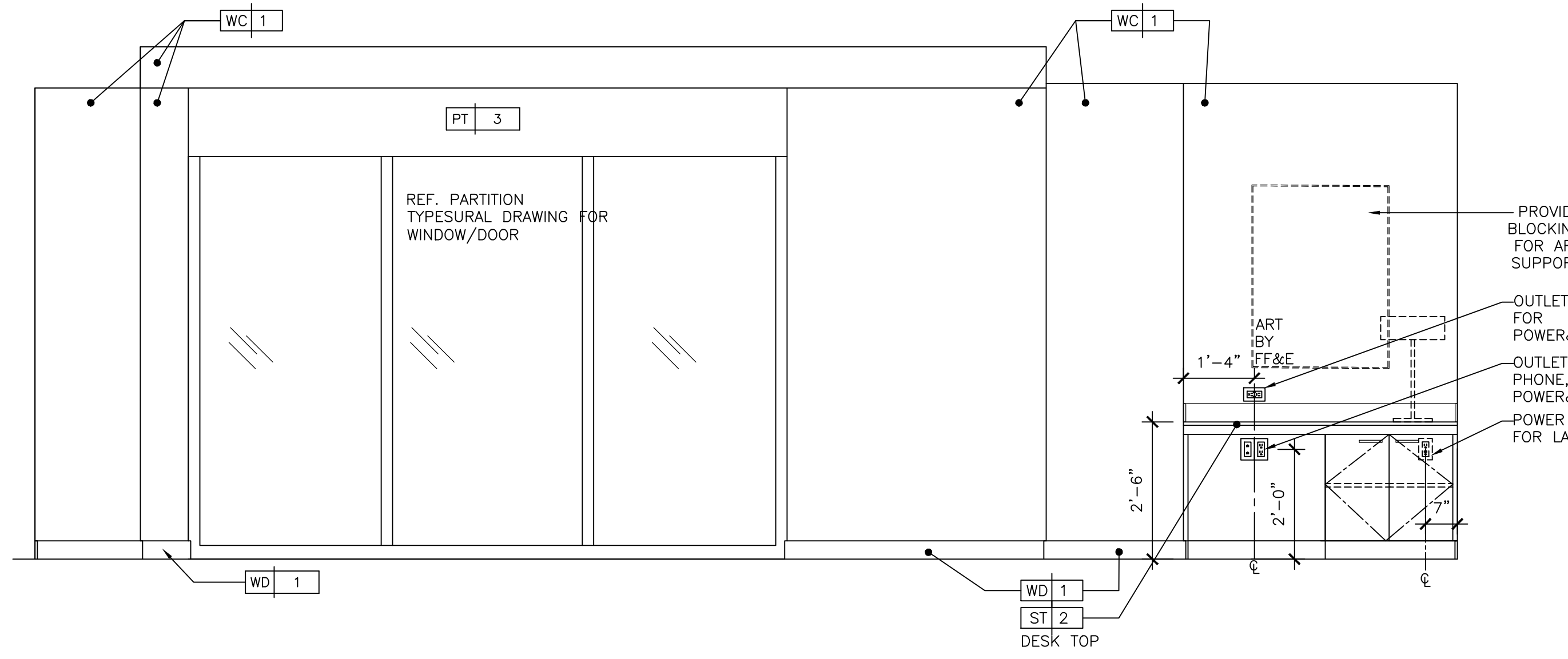
ELEVATION
SCALE: 1/2" = 1'-0"

16



ELEVATION
SCALE: 1/2" = 1'-0"

12



ELEVATION
SCALE: 1/2" = 1'-0"

04

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

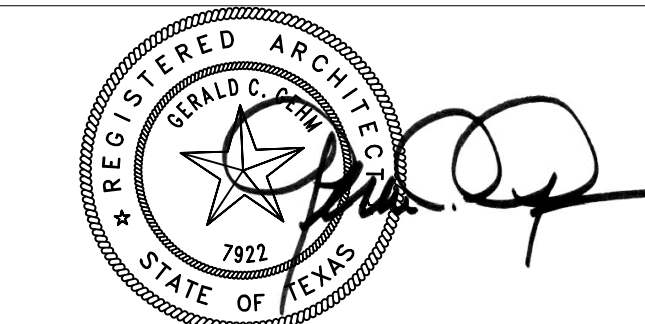
Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017
Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

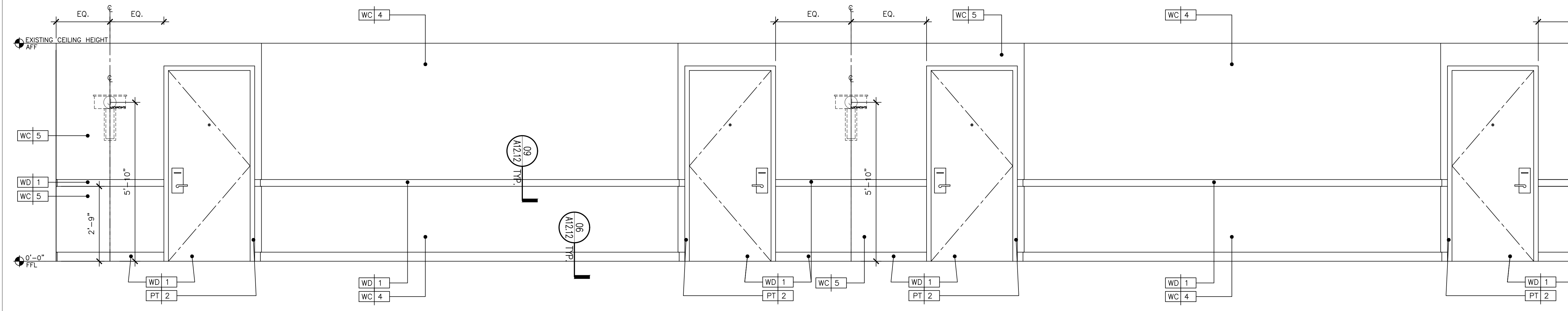
Project Number
02.8339.000

Description
GUESTROOM ELEVATIONS

Scale
1/2" = 1'-0"

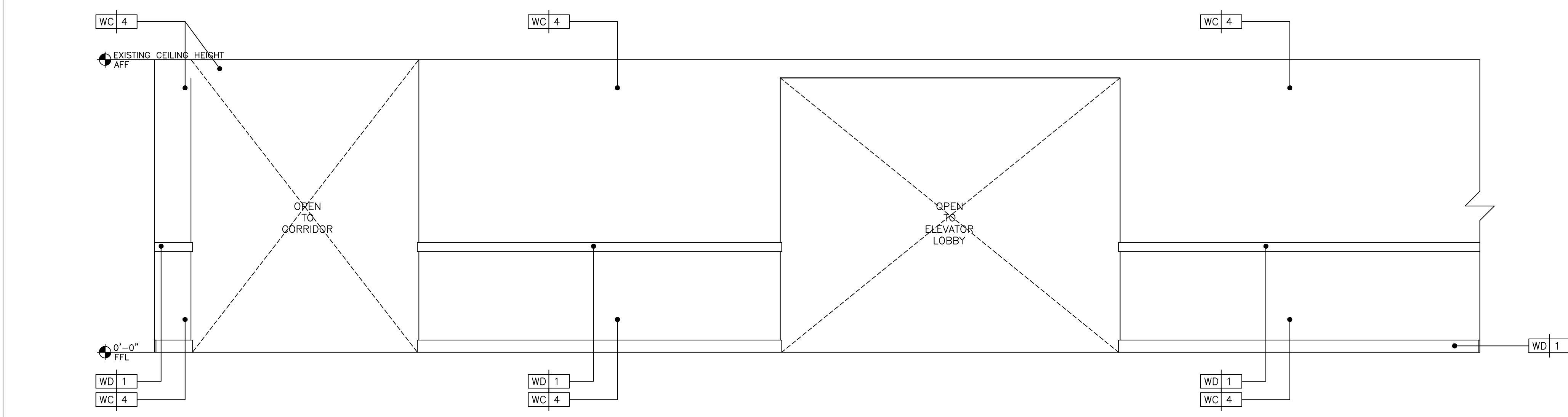
A11.02

© 2017 Gensler



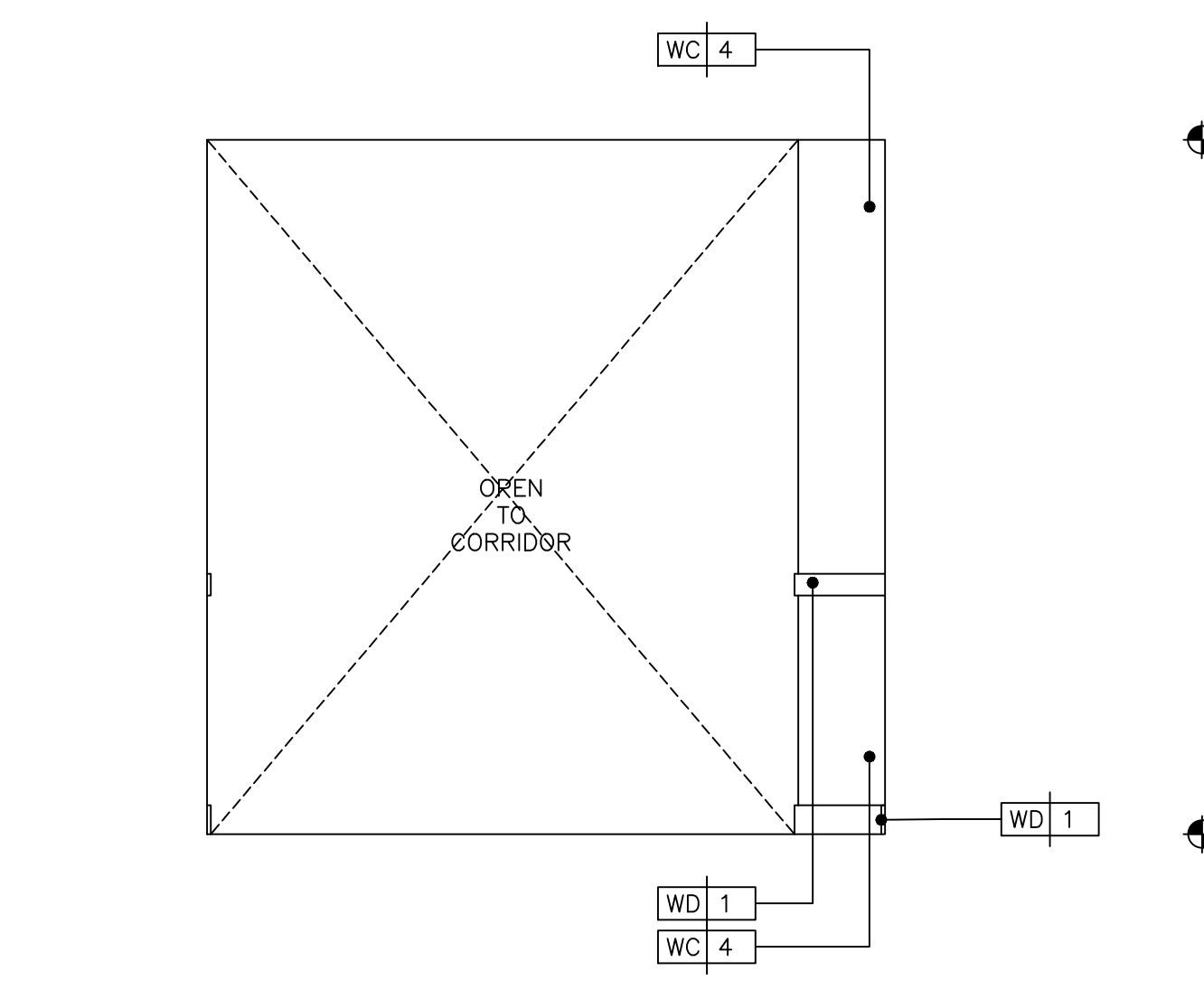
CORRIDOR ELEVATION
SCALE: 1/2" = 1'-0"

01



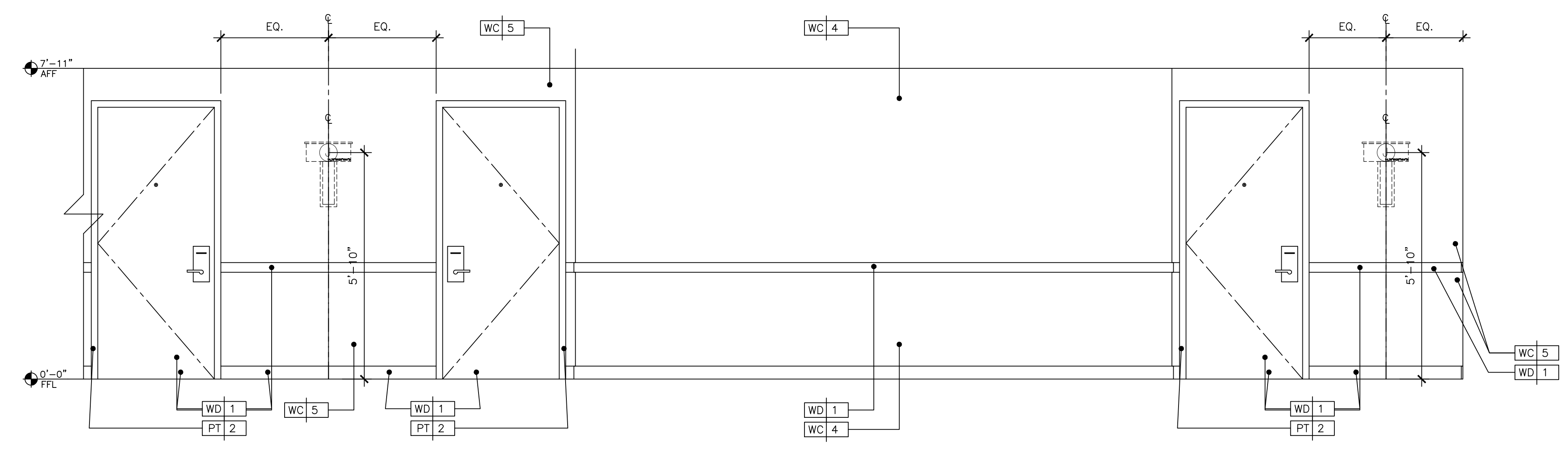
CORRIDOR ELEVATION
SCALE: 1/2" = 1'-0"

03



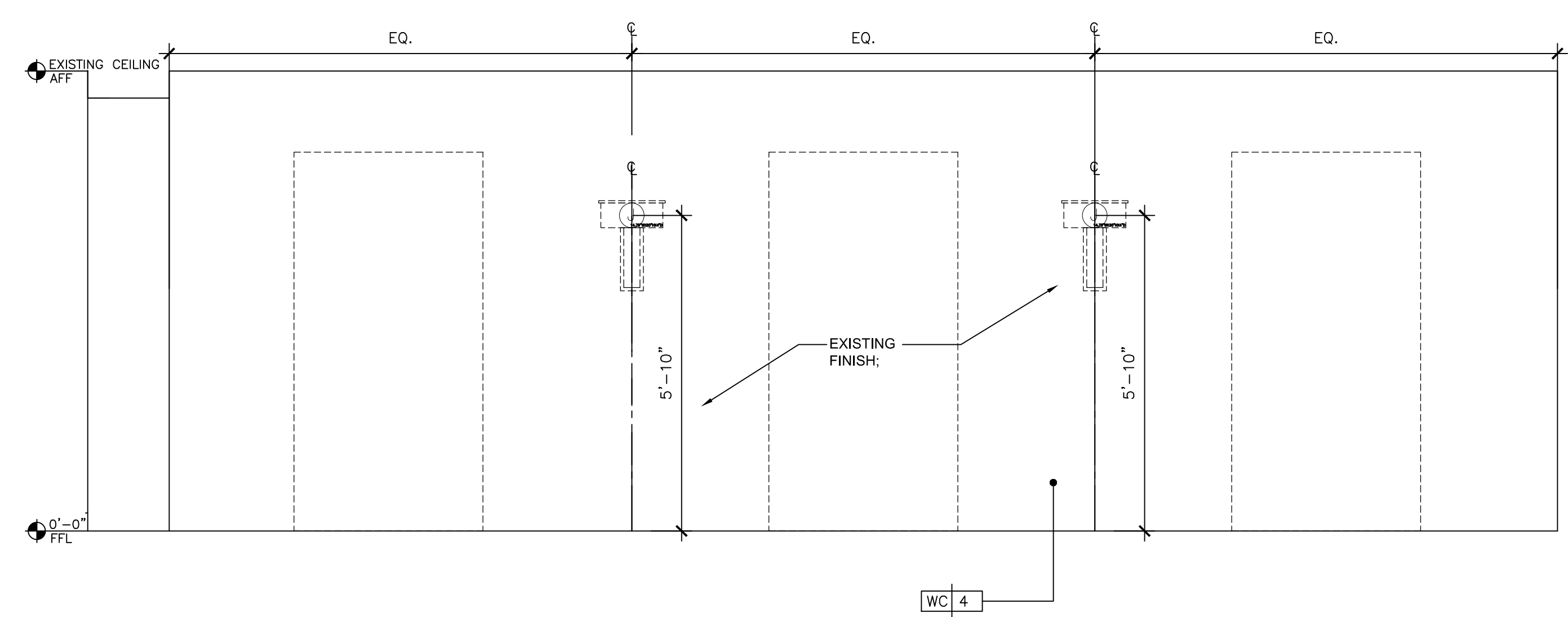
CORRIDOR ELEVATION
SCALE: 1/2" = 1'-0"

02



CORRIDOR ELEVATION
SCALE: 1/2" = 1'-0"

03



CORRIDOR ELEVATOR ELEVATION
SCALE: 1/2" = 1'-0"

04

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

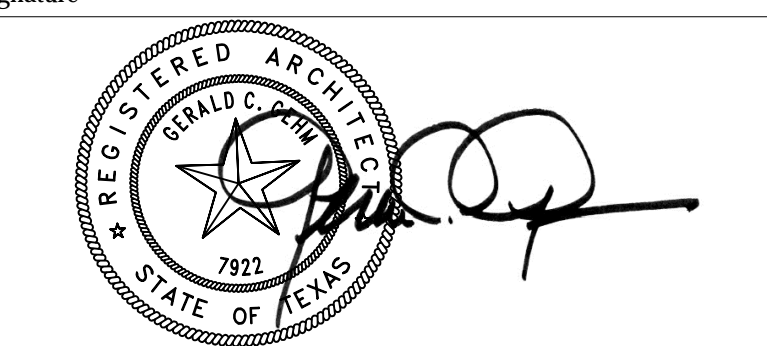
Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554
OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

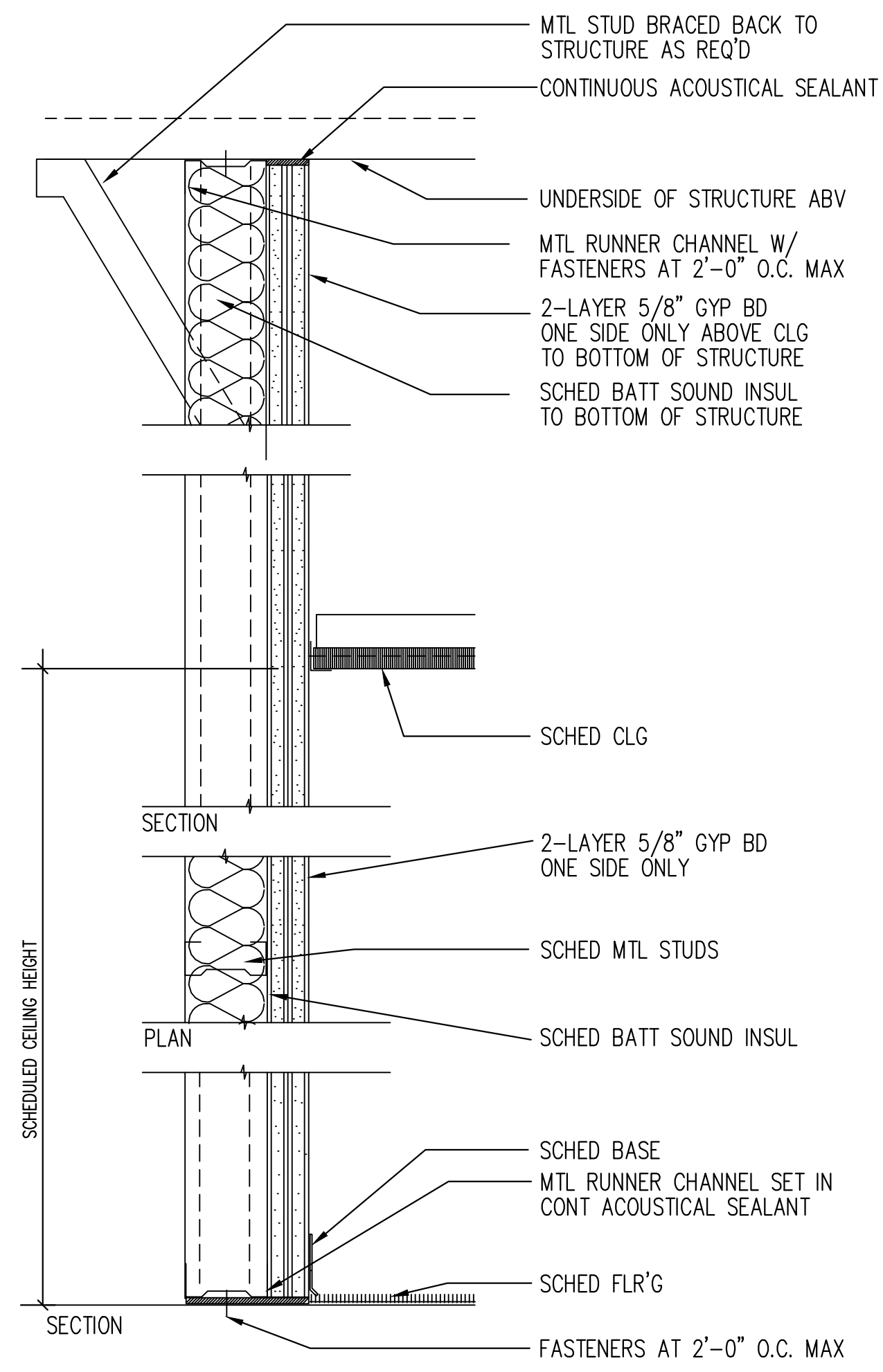
Project Number
02.8339.000

Description
CORRIDOR ELEVATIONS

Scale
1/2" = 1'-0"

A11.03

© 2017 Gensler



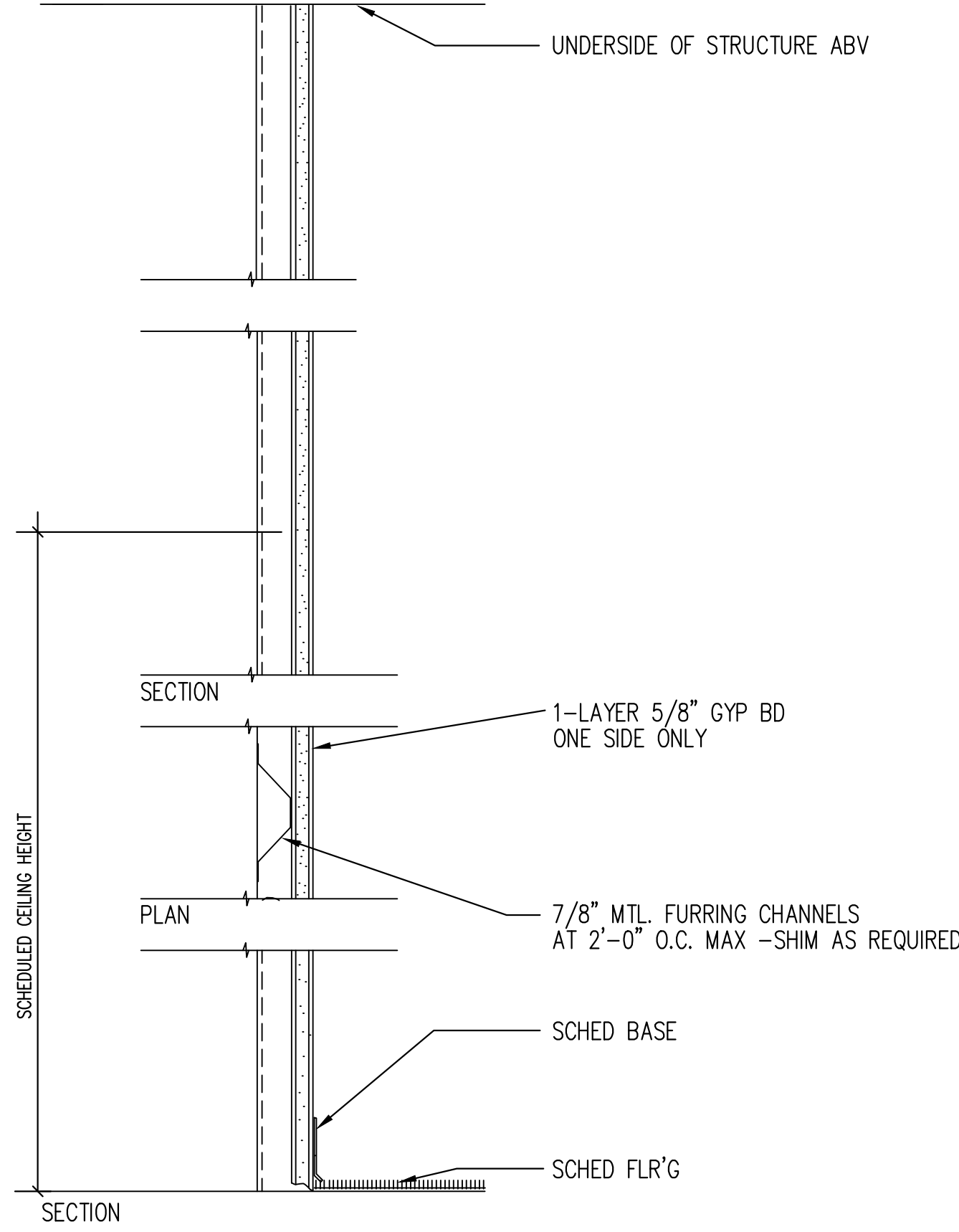
TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	WALL THICKNESS	INSUL	FIRE RATING	TEST NUMBER	S.T.C. RATING
Z4	2-1/2"	25	16" OC	3-3/4"	FULL	--	--	--

*USE 20 GA. FOR WALL HEIGHTS EXCEEDING 16'-0".

PARTITION TYPE Z
SCALE: 3" = 1'-0"

XX0001

16

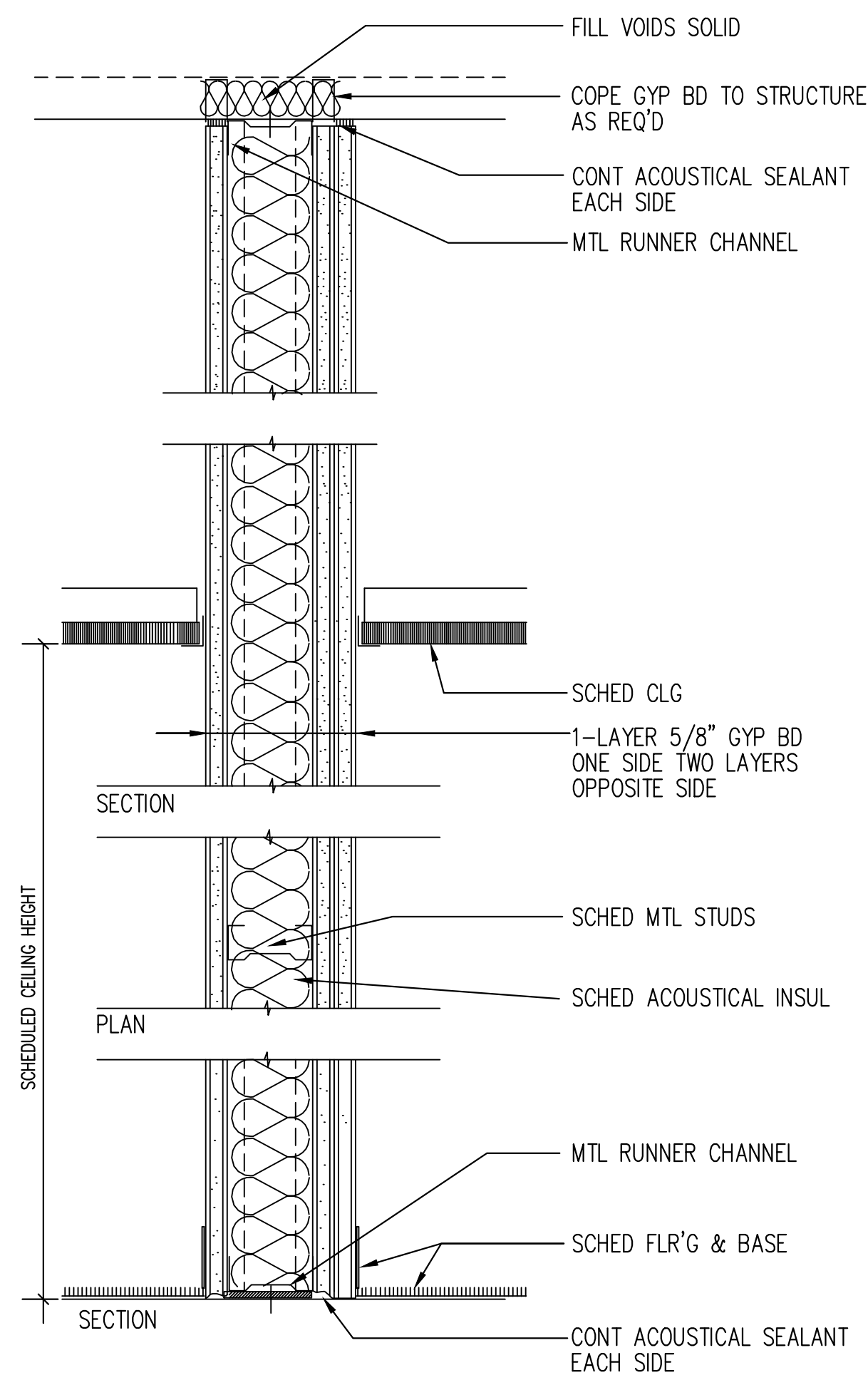


TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	WALL THICKNESS	INSUL	FIRE RATING	TEST NUMBER	S.T.C. RATING
N1	7/8"	25	24" OC	1-1/2"	--	--	--	--

PARTITION TYPE 'N'
SCALE: 3" = 1'-0"

XX0001

12

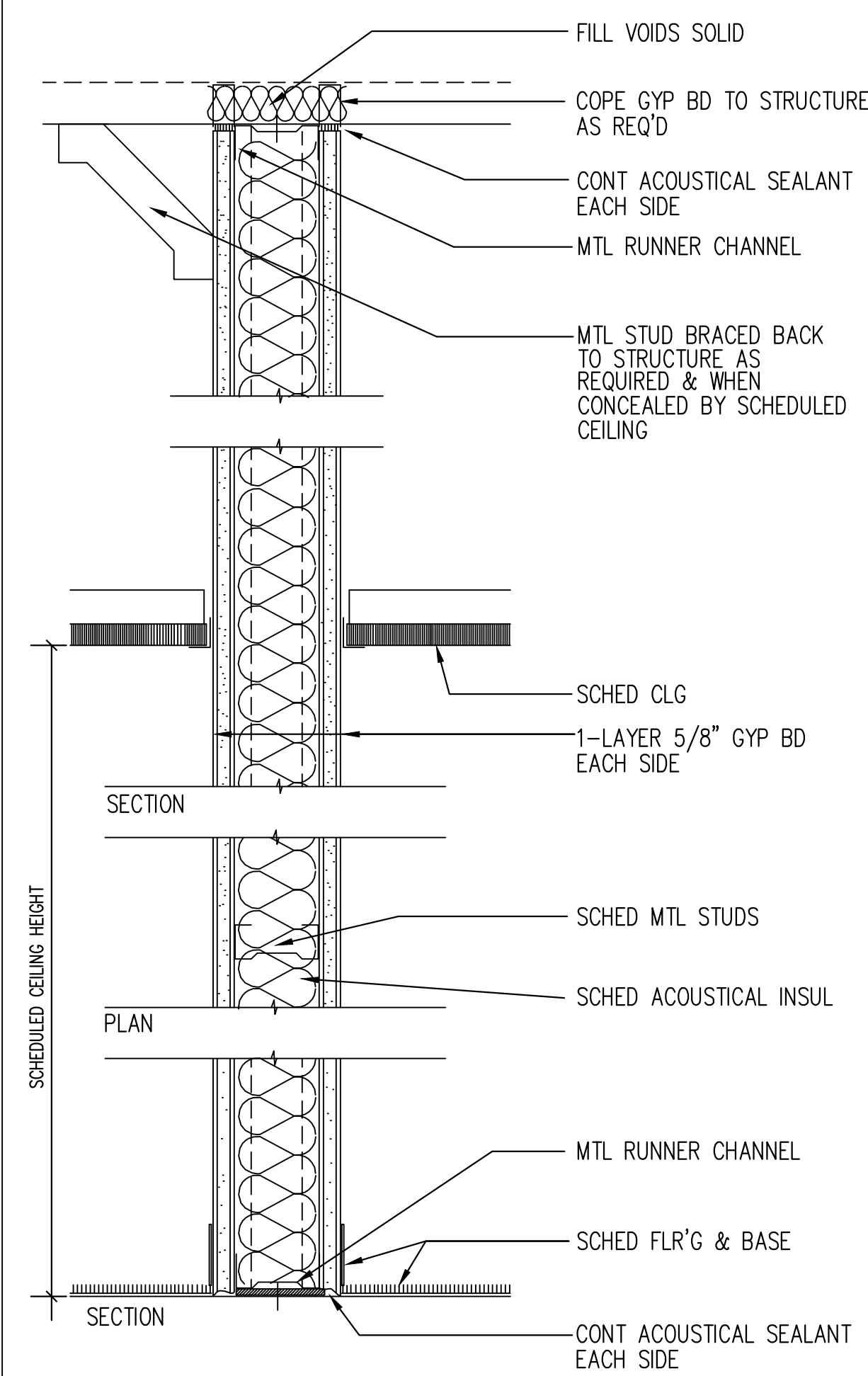


TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	WALL THICKNESS	INSUL	FIRE RATING	TEST NUMBER	S.T.C. RATING
F4	2-1/2"	25	16" OC	4-3/8"	2-1/2"	1 HR	T-3396	50
F10	6"	25	16" OC	7-7/8"	FULL	--	--	--

PARTITION TYPE 'F'
SCALE: 3" = 1'-0"

DT_12-00-8

07



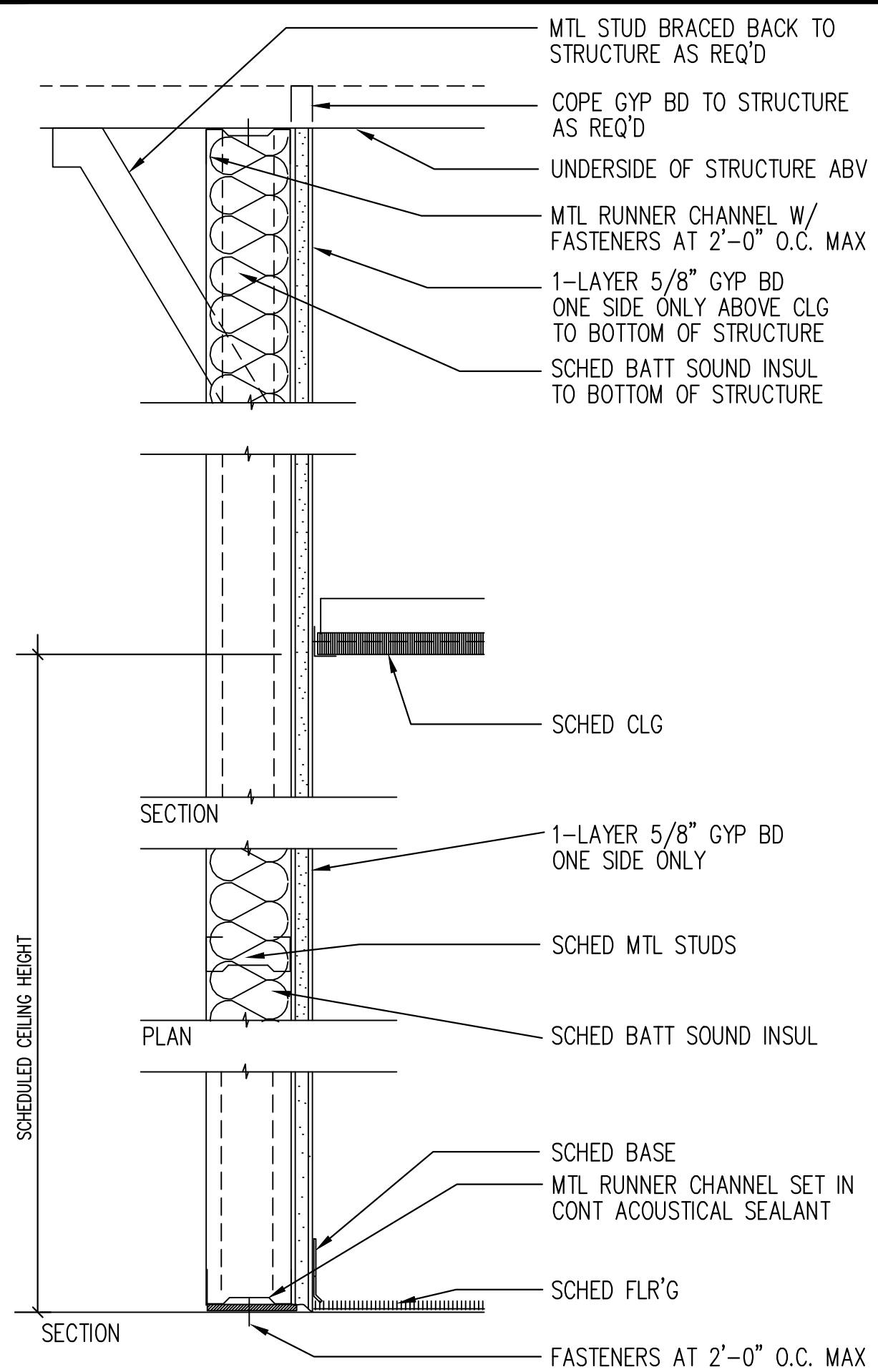
TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	WALL THICKNESS	INSUL	FIRE RATING	TEST NUMBER	S.T.C. RATING
C1	2-1/2"	25	16" OC	3-3/4"	--	--	--	40
C2	2-1/2"	25	16" OC	3-3/4"	2-1/2"	--	--	45
C10	6"	25	16" OC	7-1/4"	FULL	--	--	--

*USE 20 GA. FOR WALL HEIGHTS EXCEEDING 16'-0".

PARTITION TYPE 'C'
SCALE: 3" = 1'-0"

DT_12-00-8

02



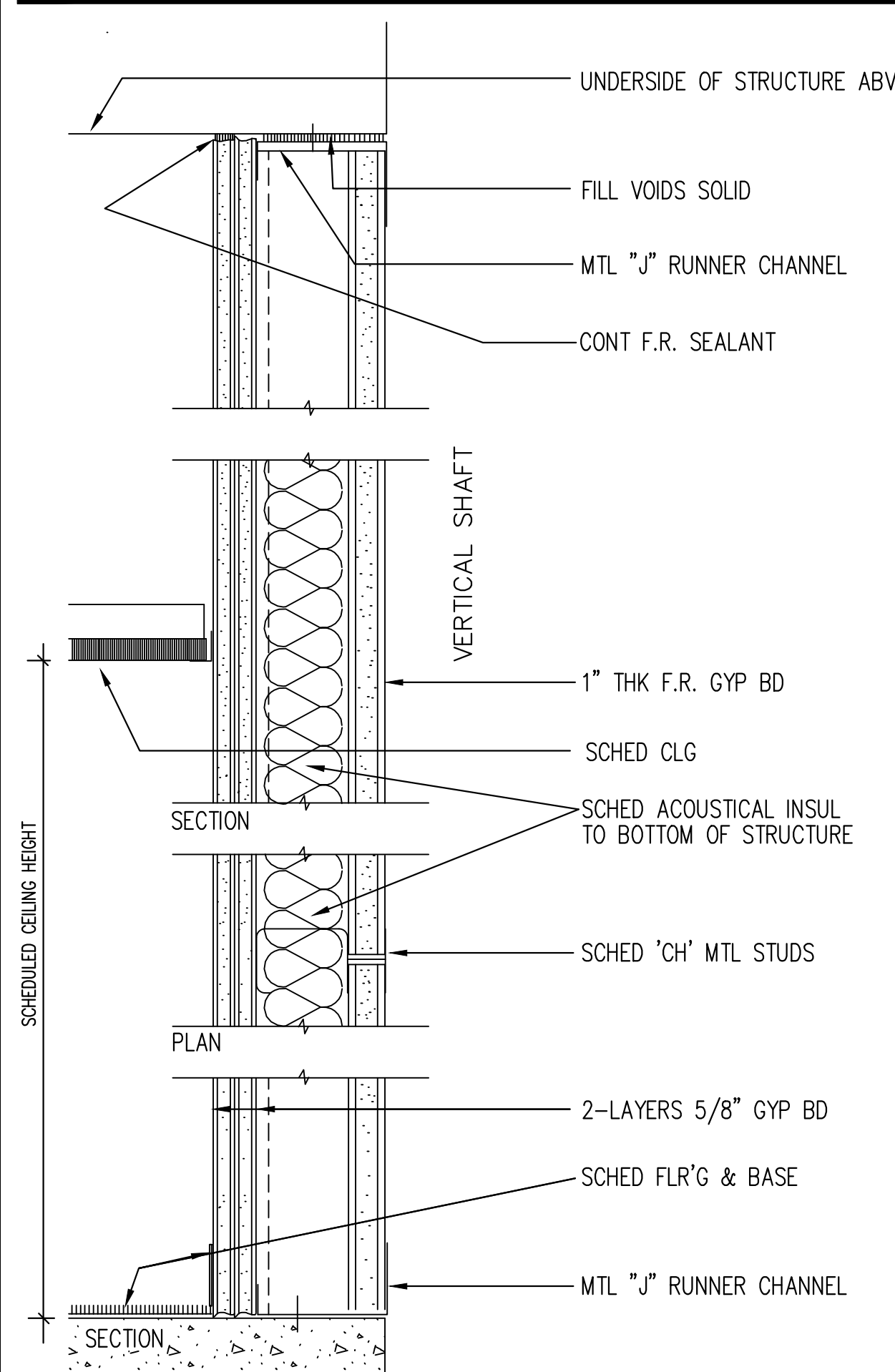
TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	WALL THICKNESS	INSUL	FIRE RATING	TEST NUMBER	S.T.C. RATING
M3	2-1/2"	25	16" OC	3-1/8"	--	--	--	--

*USE 20 GA. FOR WALL HEIGHTS EXCEEDING 16'-0".

PARTITION TYPE 'M'
SCALE: 3" = 1'-0"

XX0001

15

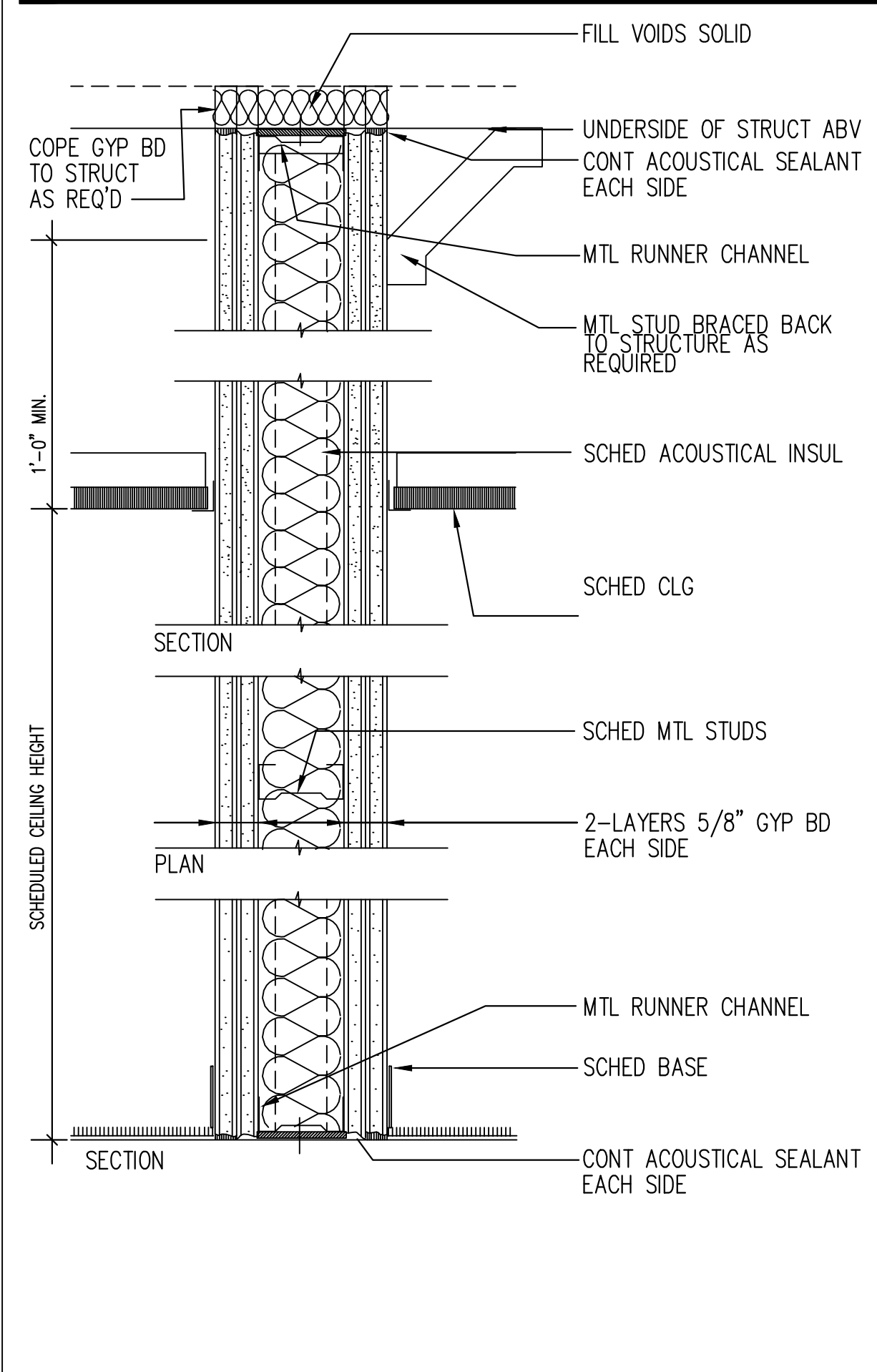


TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	WALL THICKNESS	INSUL	FIRE RATING	TEST NUMBER	S.T.C. RATING
G2	2-1/2"	20	24" OC	3-3/4"	1-1/2"	2-HR	UL U438	45

PARTITION TYPE 'G'
SCALE: 3" = 1'-0"

DT_12-00-8

09



TYPE	STUD SIZE	STUD GAUGE	STUD SPACING	WALL THICKNESS	INSUL	FIRE RATING	TEST NUMBER	S.T.C. RATING
D2	2-1/2"	25	16" OC	5"	3"	1-HR	T-3396	56

*USE 20 GA. FOR WALL HEIGHTS EXCEEDING 16'-0".

PARTITION TYPE 'D'
SCALE: 3" = 1'-0"

DT_12-00-8

04

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010



Pennzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

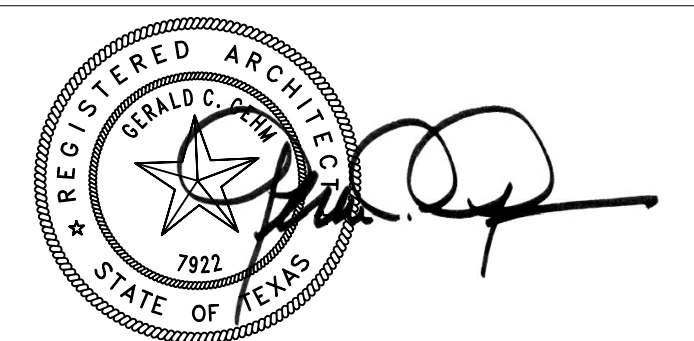
Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
GUESTROOM DETAILS

Scale
VARIES

A12.00

© 2017 Gensler

screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S or S-12 steel screws spaced 12 in. OC when installed vertically and staggered 12 in. from base layer screws or 8 in. OC when installed horizontally and staggered 8 in. from base layer screws. Horizontal joints between inner and outer layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. Outer layer joints covered with paper tape and joint compound. Exposed screw heads covered with joint compound. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. When used in widths other than 48 in., gypsum panels to be installed horizontally.

CGC INC — Type AR, IP-AR, IP-X1, SCX, ULX, or WRX.

UNITED STATES GYPSUM CO — Type AR, FRX-G, IP-AR, IP-X1, SCX, ULX or WRX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SCX

USG MEXICO S A DE CV — Type AR, IP-AR, IP-X1, SCX, ULX, or WRX.

4B. Gypsum Board* — (Not Shown) - May be used in lieu of Items 4 or 4A for the base layer - Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips (Item 6) required behind vertical joints.

RAY-BAR ENGINEERING CORP — Type RB-LBG

4C. Gypsum Board* — (As an alternate to Item 4, 4A, 4B) — 5/8 in. thick. Two layers installed as described in Item 4.

NATIONAL GYPSUM CO — Type F5MR-C.

4D. Gypsum Board* — (Not Shown) - May be used in lieu of Items 4 for the base layer - Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints. To be used with Lead Batten Strips (see Item 6B) or Lead Discs (see Item 6C).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4E. Gypsum Board* — (Not Shown) - May be used in lieu of Items 4 for the base layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.08 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

4F. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Inner or base layer attached to studs with 1 in. long Type S or S-12 steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S or S-12 steel screws spaced 8 in. OC when installed vertically and staggered min. 8 in. from base layer screws or 8 in. OC when installed horizontally and staggered min. 6 in. from base layer screws. Horizontal joints between inner and outer layers need not be staggered. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. Outer layer joints covered with paper tape and joint compound. Exposed screw heads covered with joint compound. When used in widths other than 48 in., gypsum panels to be installed horizontally.

UNITED STATES GYPSUM CO — Type ULX.

5. Batts and Blankets* — (Optional) — (Not shown) — Mineral wool or glass fiber batts partially or completely filling stud cavity. Any mineral wool or glass fiber batt material bearing the UL Classification Marking as to Fire Resistance.

SA. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the

application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product.

U S GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS75LD and INS75LD are to be used for dry application only.

5B. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) and Item SA - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

NU-WOOL CO INC — Cellulose Insulation

5C. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³.

INTERNATIONAL CELLULOSE CORP — Cellar-RL

6. Lead Batten Strips — For Use with Item 4B - (Not Shown) - Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4B) and optional at remaining stud locations. Strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grade "C".

6A. Lead Discs or Tabs — (Not Shown) - Used in lieu of or in addition to the lead batten strips (Item 6) or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grade "C".

6B. Lead Batten Strips — (Not Shown, for use with Item 4D) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grades "B, C" or "D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

6C. Lead Discs — (Not Shown, for use with Item 4D) Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.9% meeting the Federal Specification QQ-L-201F, Grades "B, C or D".

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2015-08-31

© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (Files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement, "Reprinted from the Online Certification Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: © 2016 UL LLC.

U438 ASSEMBLY



Design No. U438
BXUV.U438
Fire Resistance Ratings - ANSI/UL 26

"Reprinted from the Online Certifications Directory with permission from UL"

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are designed and have been investigated by UL for compliance with applicable requirements. The published information cannot address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

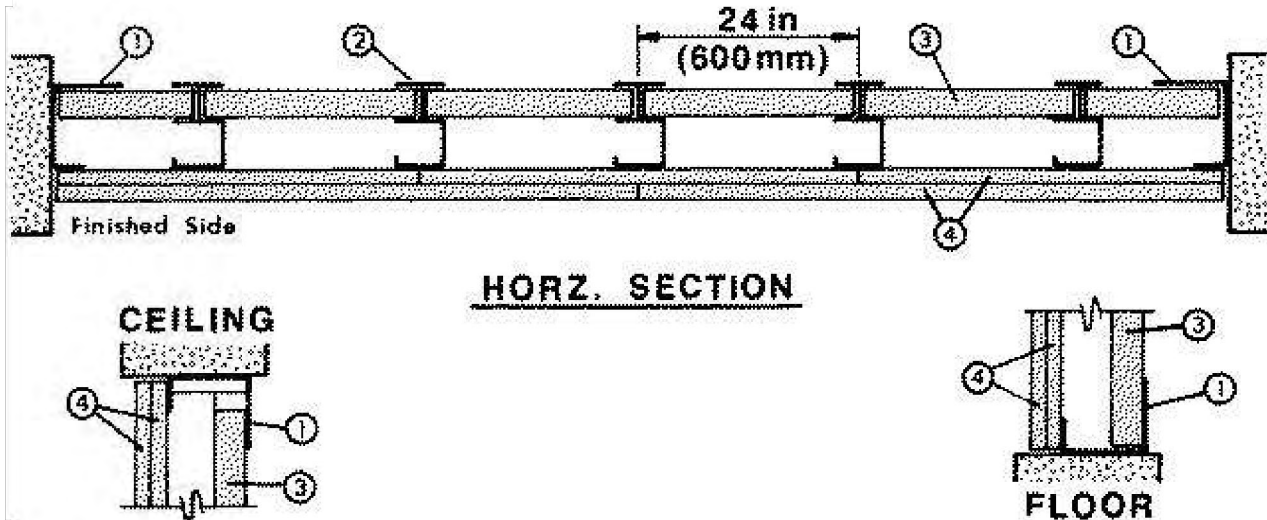
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U438

August 31, 2015

Nonbearing Wall Rating — 2 HR.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. **Floor and Ceiling Runners** — "J" -shaped runner, 2-1/2 in. wide with unequal legs of 1 in. and 2 in., fabricated from 24 MSG galv steel (min 20 MSG when Item 4B is used). Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC.

2. **Steel Studs** — "C" or "H" -shaped studs, 2-1/2 in. wide by 1-1/2 in. deep, fabricated from 25 MSG galv steel (min 20 MSG when Item 4B is used). Cut to lengths 3/8 to 3/2 in., less than floor to ceiling height and spaced 24 in. or 600 mm OC.

2A. **Steel Studs** — (Not shown) -"E" -shaped studs installed in place of "C" or "H" -shaped studs (Item 2) to secure the closure liner panels at the ends of walls. Fabricated from 25 MSG galv steel (min 20 MSG when Item 4B is used), 2-1/2 in. wide, with one leg 1 in. long and two legs 3/4 in. long. Shorter legs 1 in. apart to engage gypsum liner panels. Cut

to lengths 3/8 in. less than floor to ceiling height. Sill and lintel of opening formed with "J" -shaped runners (Item 1) secured to "J" -shaped studs with angle clips and steel screws.

3. **Gypsum Board*** — 1 in. thick gypsum wallboard liner panels, supplied in nom 24 in. or 600 mm (for metric spacing) widths. Panels cut 1 in. less in length than floor to ceiling height. Vertical edges inserted in "H" -shaped section of "C" or "H" studs. Free edge of end panels attached to long leg of "J" -runners with 1-5/8 in. long Type S steel screws spaced not greater than 12 in. OC.

CGC INC — Type SLX.

UNITED STATES GYPSUM CO — Type SLX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SLX

USG MEXICO S A DE CV — Type SLX.

4. Gypsum Board* — 1/2 in. thick, 4 ft. or 1200 mm (for metric spacing) wide wallboard applied vertically in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC along the edges and in the field of the boards. Outer or face layer attached to studs and "J" -runners with 1-5/8 in. long Type S steel screws spaced 12 in. along the edges and in the field of the boards, staggered from screws in inner layer. Joints between inner and outer layers staggered.

Outer layer joints covered with paper tape and joint compound. Exposed screw heads covered with joint compound.

As an alternate method, inner wallboard layer applied vertically, outer wallboard layer applied horizontally. Inner layer attached to studs with 1 in. Type S steel screws spaced 24 in. OC along vertical edges and in the field. Outer layer attached to the studs and "J" -runners over the inner layer with 1-5/8 in. long Type S steel screws spaced 12 in. OC in the field, along the vertical edges and to the floor and ceiling runners. Outer layer secured to inner layer wallboard with 1-1/2 in. long Type C steel screws located midway between studs and 1 in. from the horizontal joint.

ACADIA DRYWALL SUPPLIES LTD — Type C

AMERICAN GYPSUM CO — Types AG-C.

CERTANTEED GYPSUM INC — Type FRPC, Type C.

CGC INC — Type C, IP-X2, or WRX.

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A.

GEORGIA-PACIFIC GYPSUM L L C — Types S, DAPC, TG-C.

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C, F5MR-C.

PARCO BUILDING PRODUCTS L L C, DBA PARCO GYPSUM — Types PG-C.

THAI GYPSUM PRODUCTS PCL — Type C.

UNITED STATES GYPSUM CO — Type C, IP-X2 or WRX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE CV — Type C, IP-X2 or WRX.

4A. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Inner or base layer attached to studs with 1 in. long Type S or S-12 steel

44

SHEET NOTES

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001



Hunt & Hunt Engineering Corp.

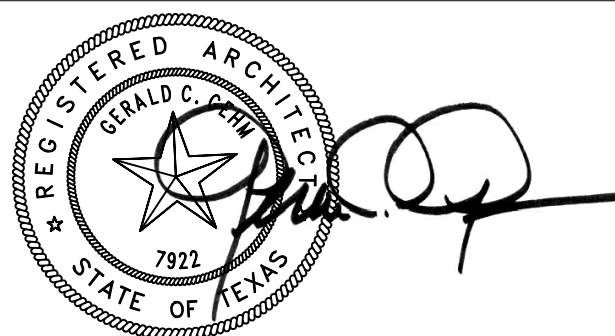
MEP Consultant
P.O. Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

SHEET NOTES

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
GUESTROOM DETAILS

Scale
VARIES

A12.01

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

© 2017 Gensler

04

SHEET NOTES

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler
Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

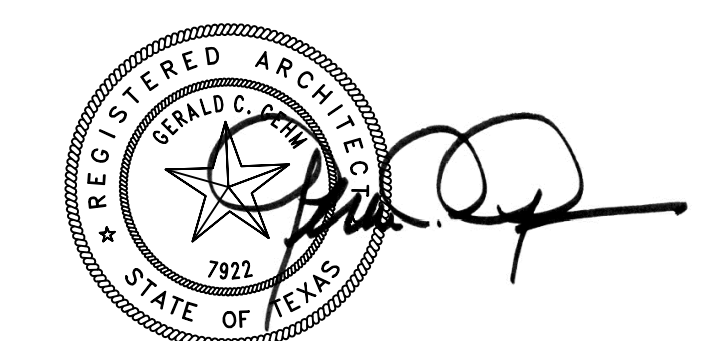
Hunt & Hunt Engineering Corp.
MEP Consultant
P.O. Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

SHEET NOTES

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
GUESTROOM TYPICAL DETAILS

Scale
VARIES

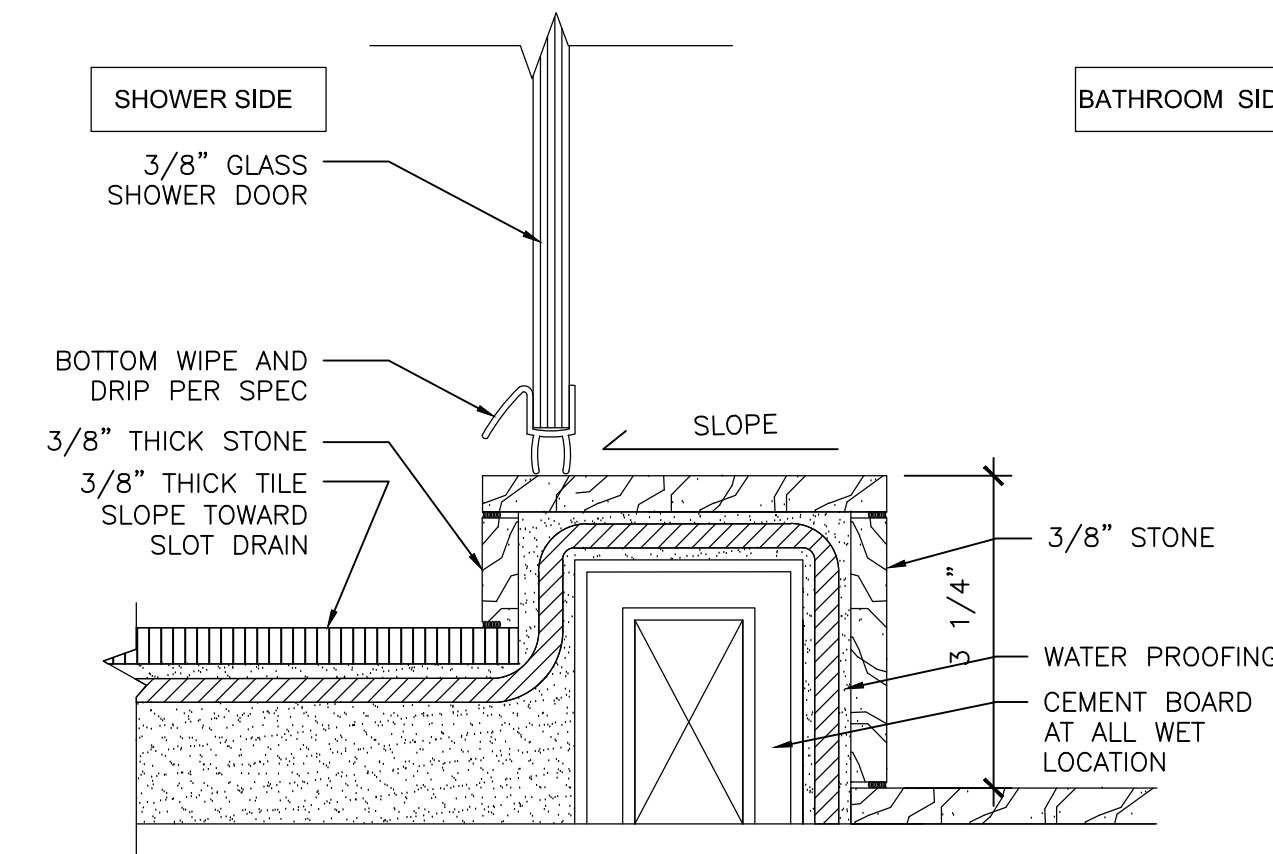
A12.10

© 2017 Gensler

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

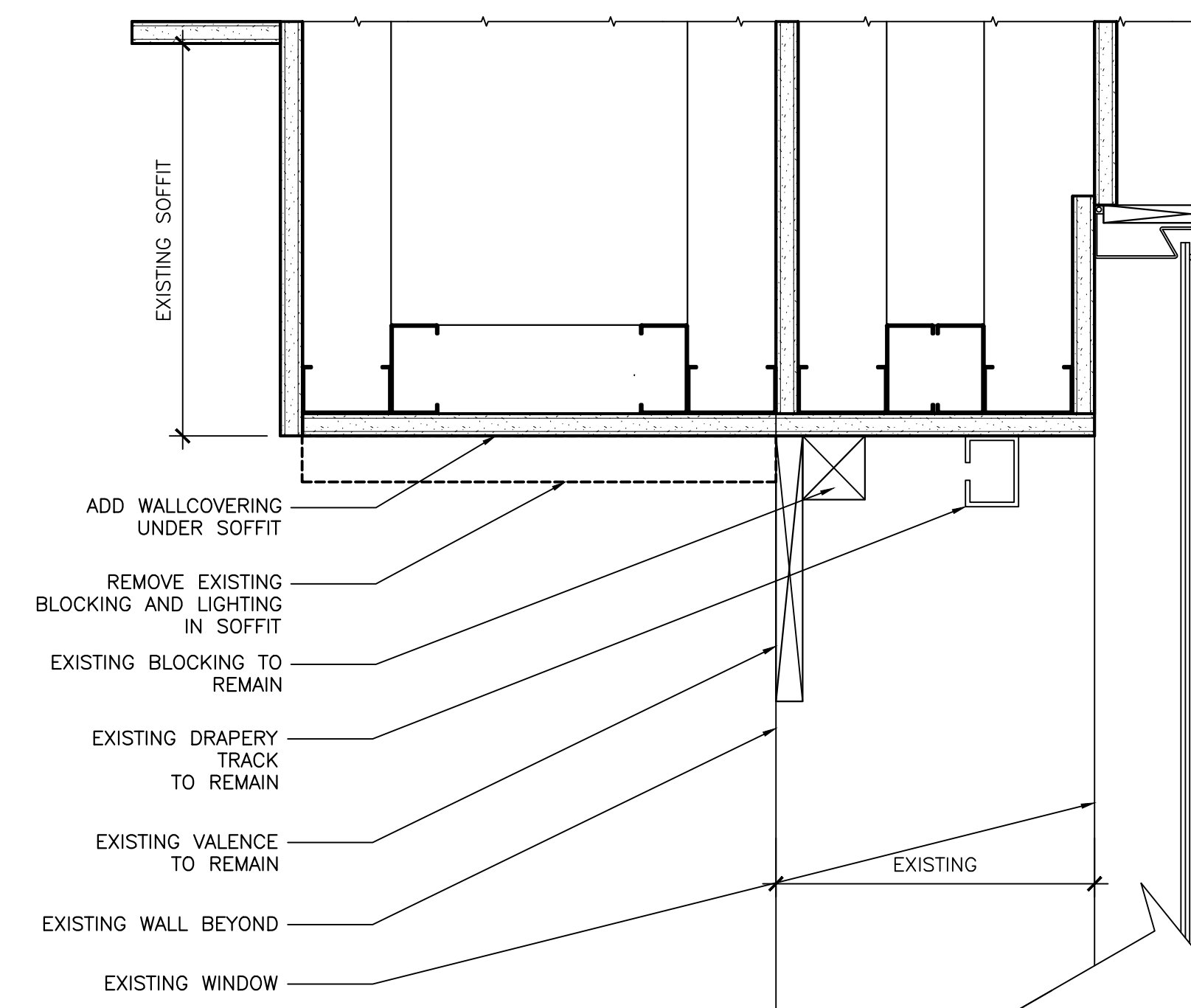
NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE



SHOWER CURB DETAIL

SCALE: 6" = 1'-0"

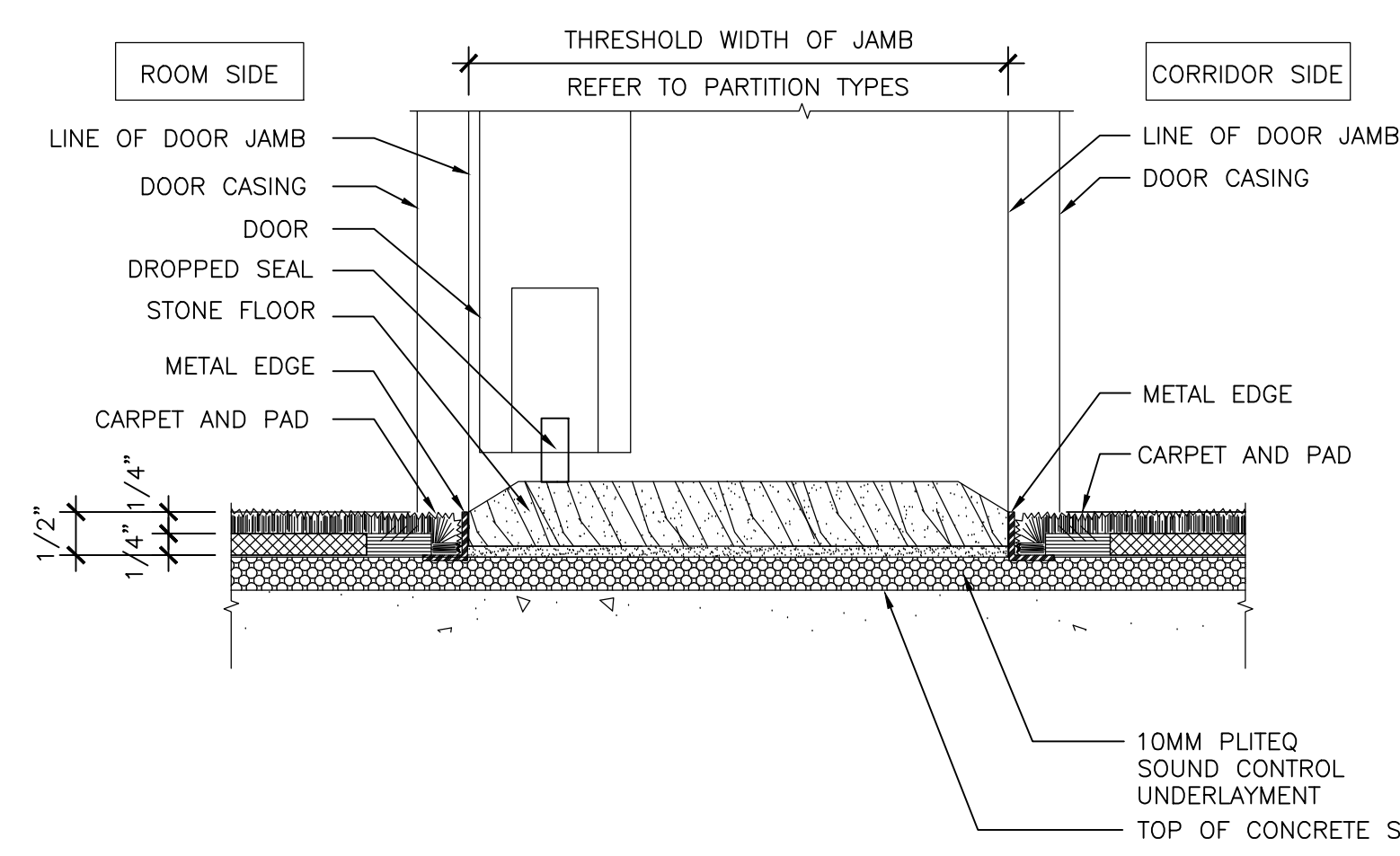
01



DRAPERY POCKET

SCALE: 3" = 1'-0"

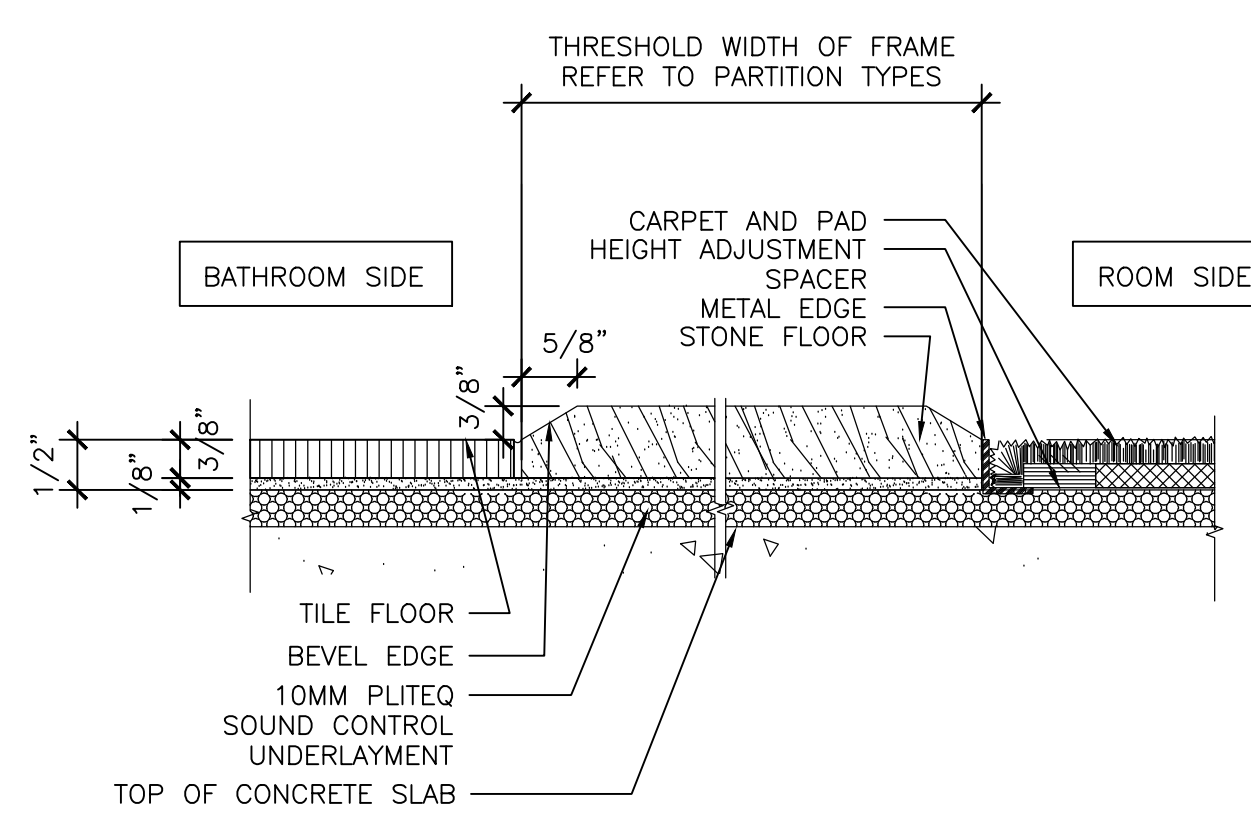
06



CARPET/ CARPET FLOOR TRANSITION W/ THRESHOLD

SCALE: 1 1/2" = 1'-0"

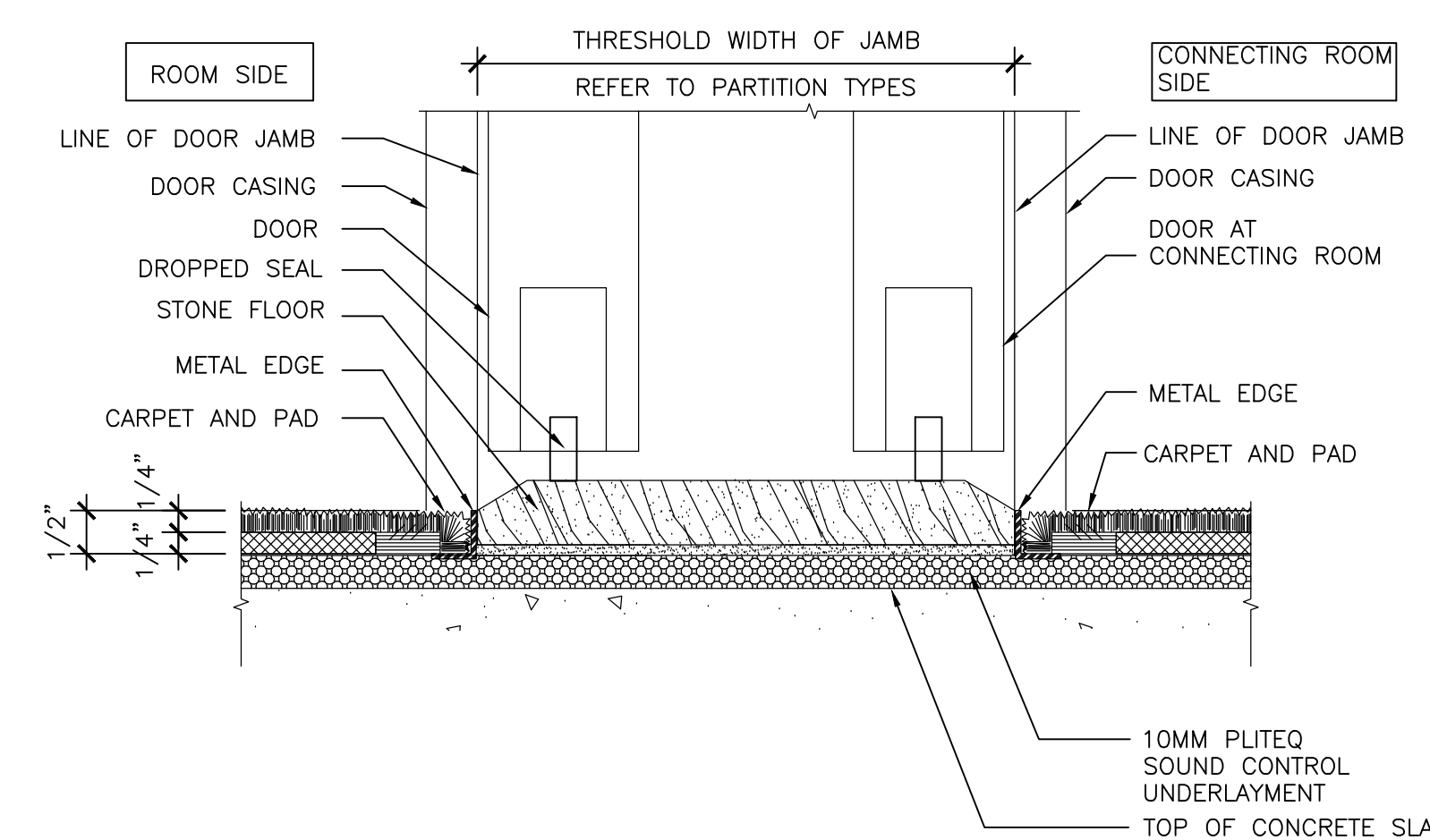
11



TILE/ THRESHOLD / CARPET TRANSITION

SCALE: HALF SCALE

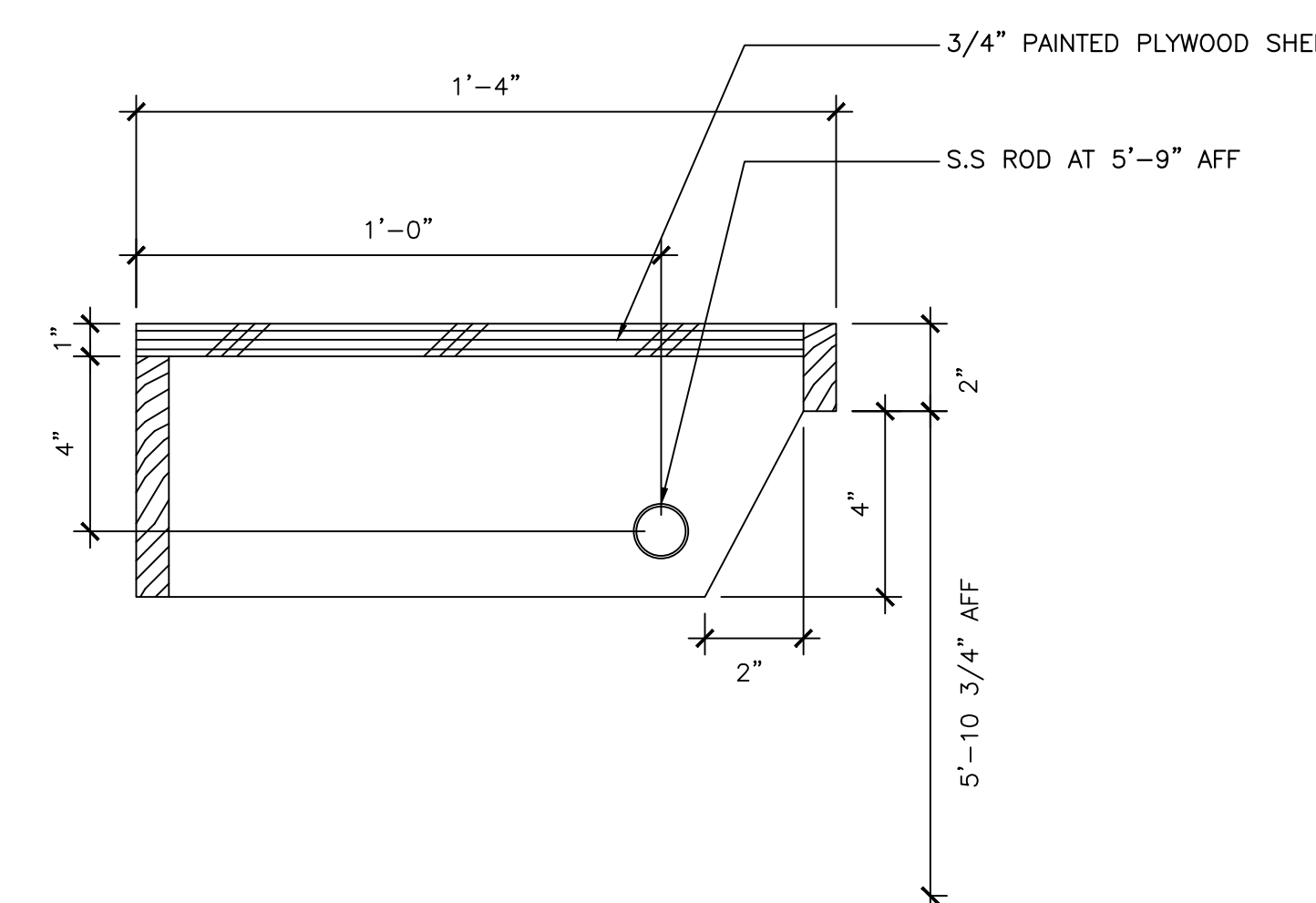
12



CARPET TO CARPET W/ THRESHOLD

SCALE: HALF SCALE

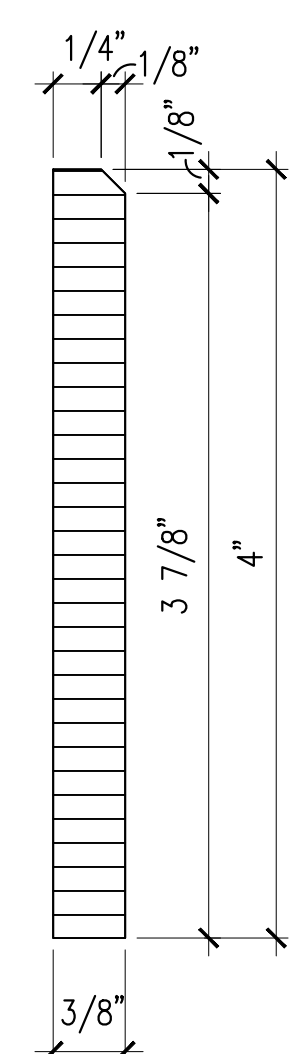
08



CLOSET DETAIL

SCALE: 3" = 1'-0"

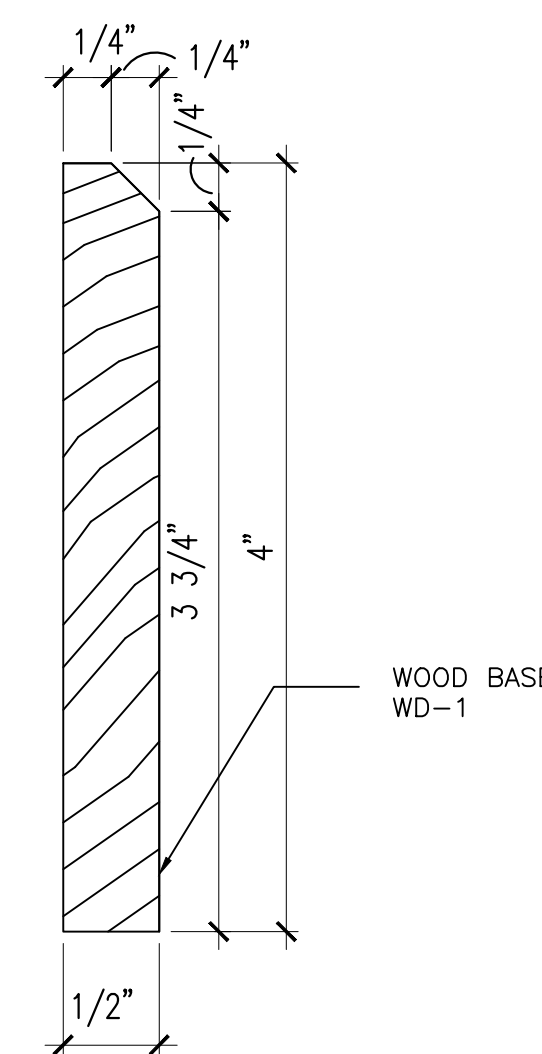
02



BATHROOM TILE BASE

SCALE: FULL SCALE

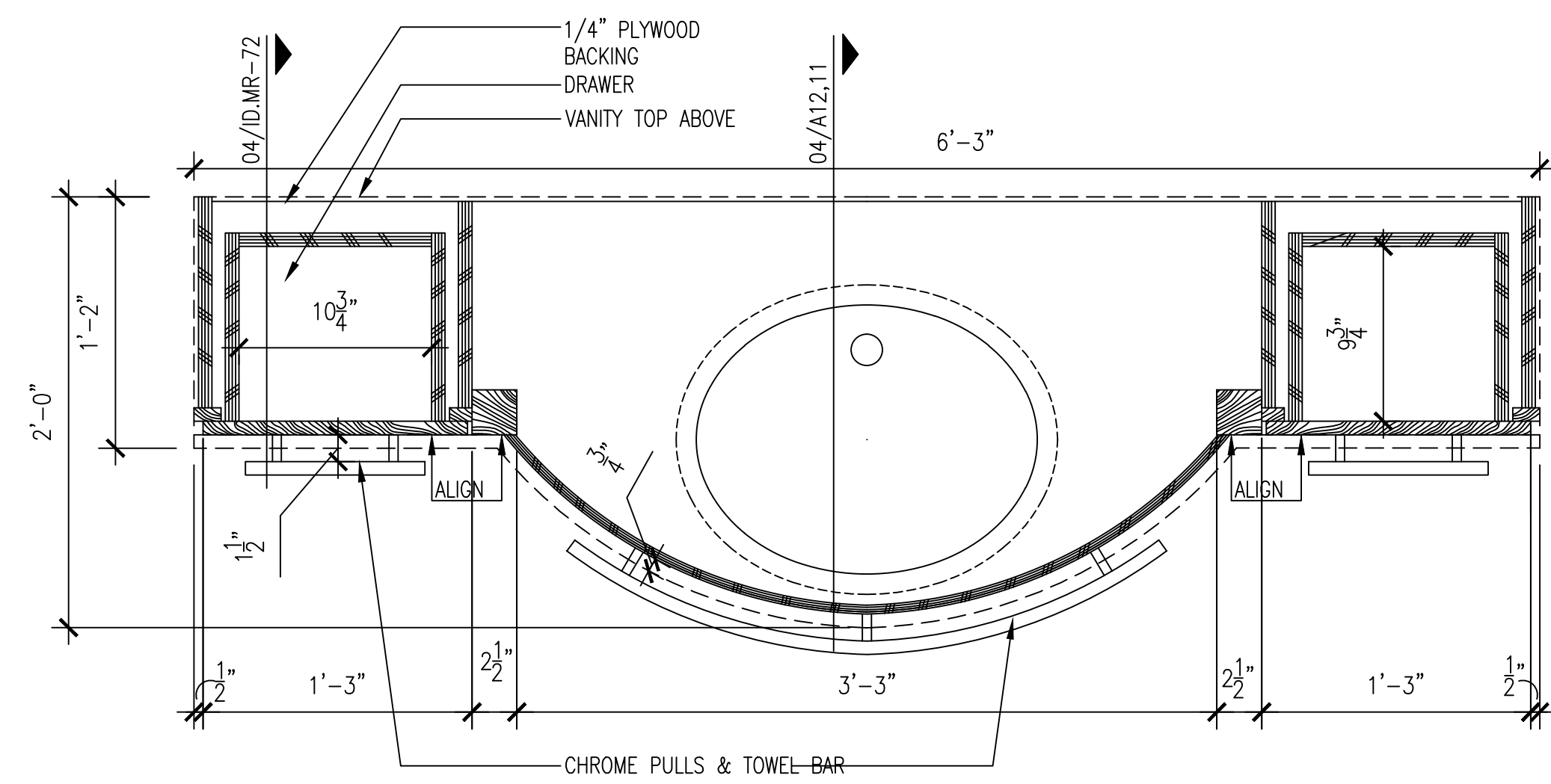
14



TYPICAL GUESTROOM WOOD BASE

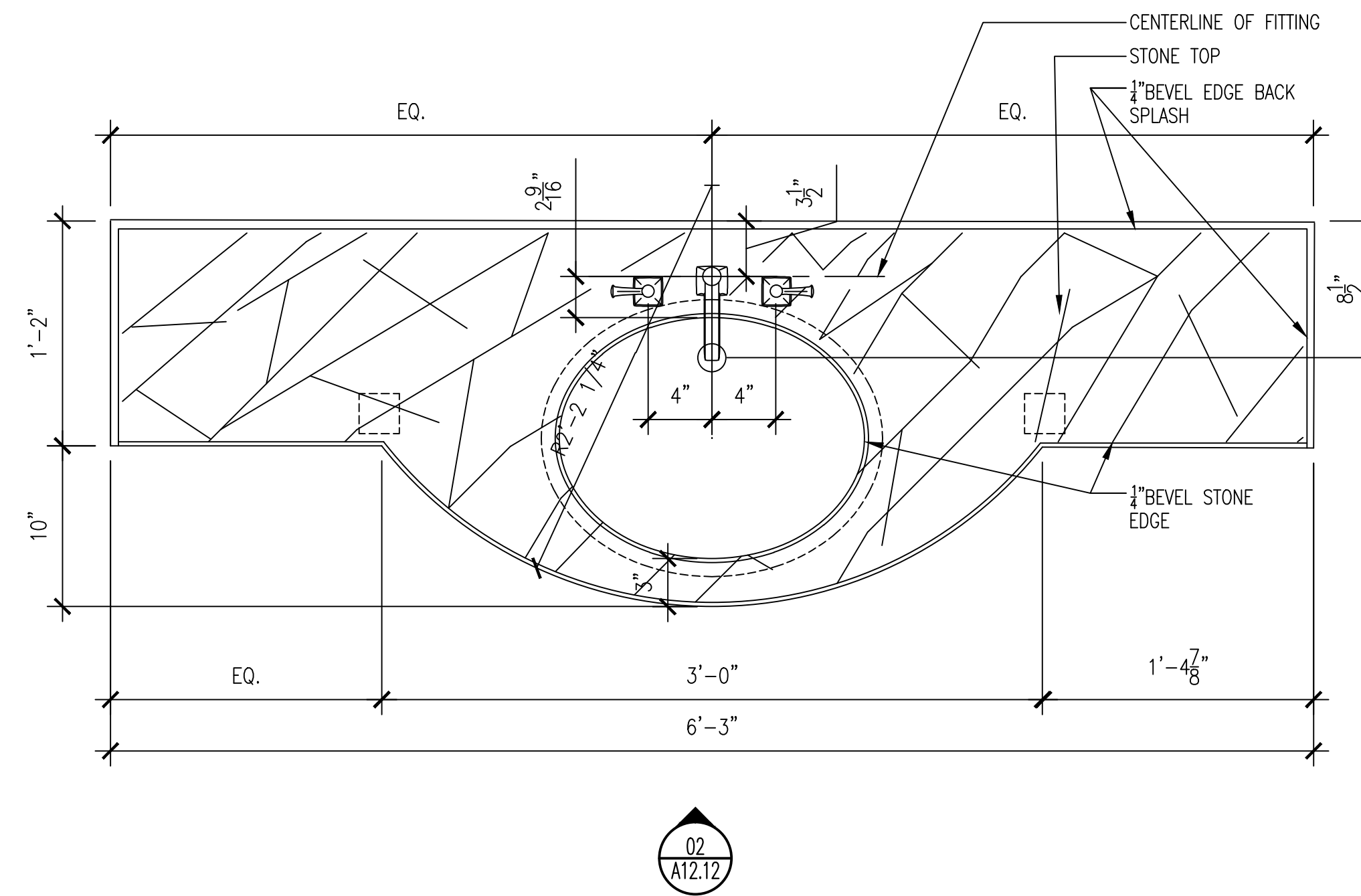
SCALE: FULL SCALE

09



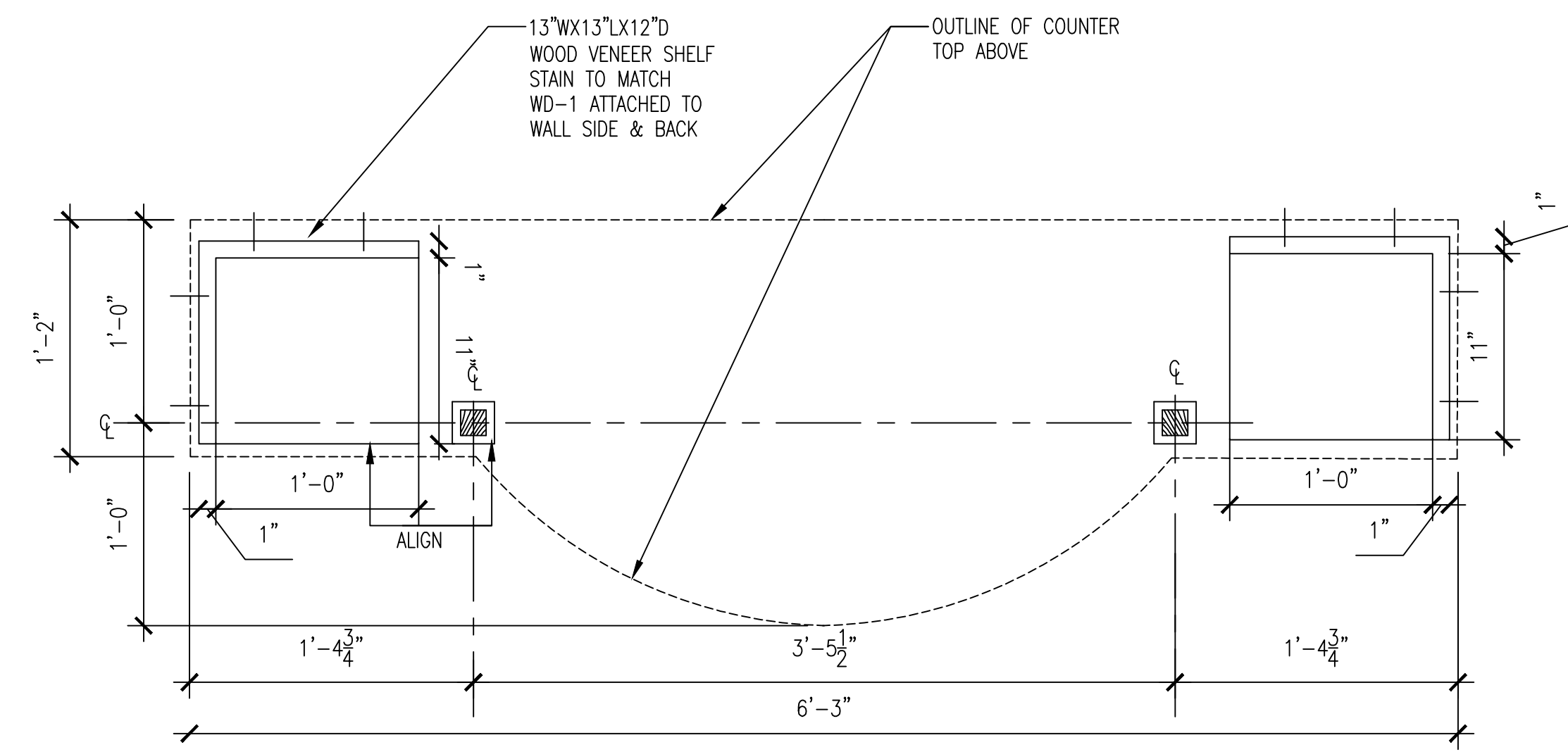
PLAN SECTION @ VANITY
SCALE: 1 1/2" = 1'-0"

09



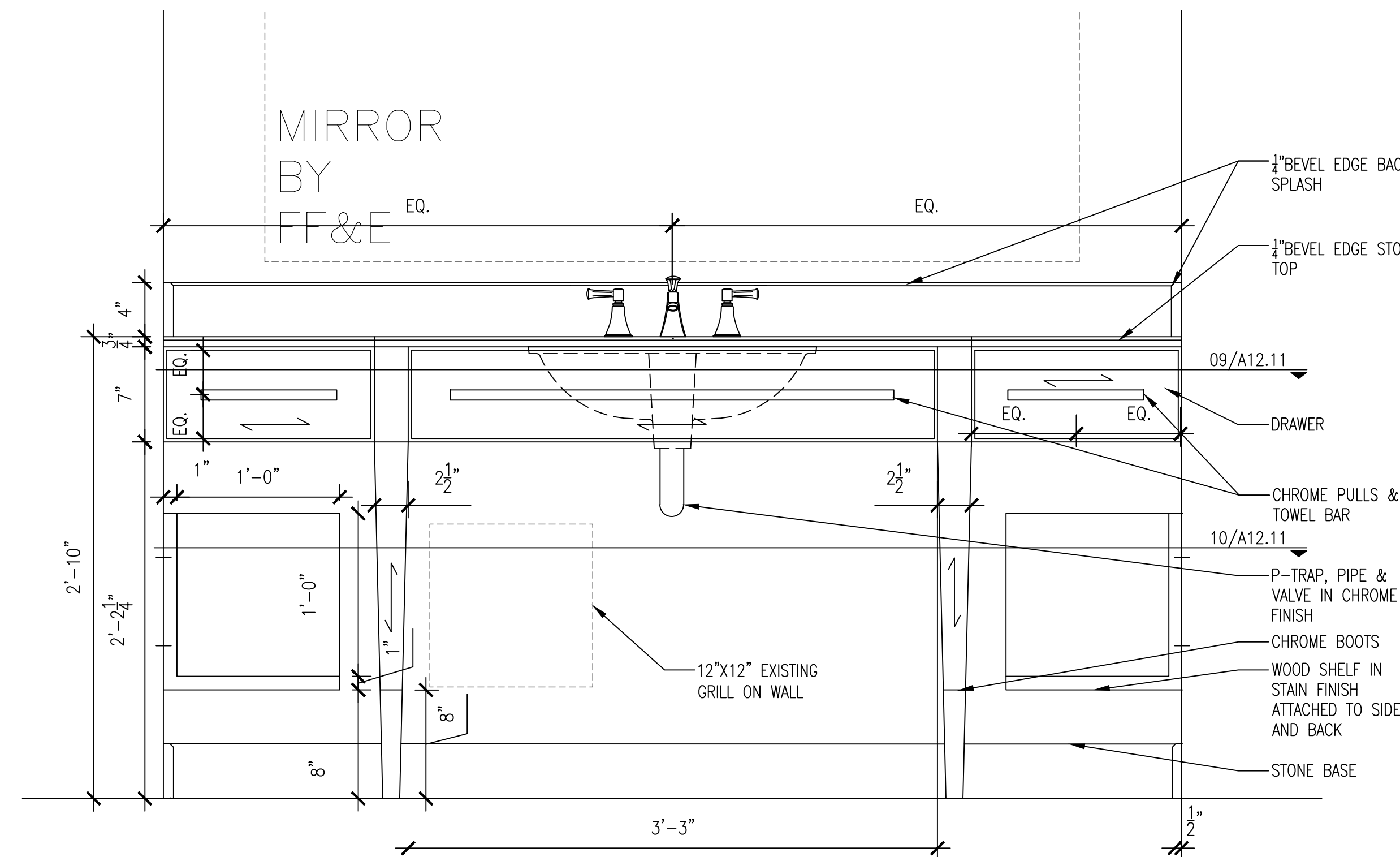
PLAN DETAIL @ VANITY
SCALE: 1 1/2" = 1'-0"

01



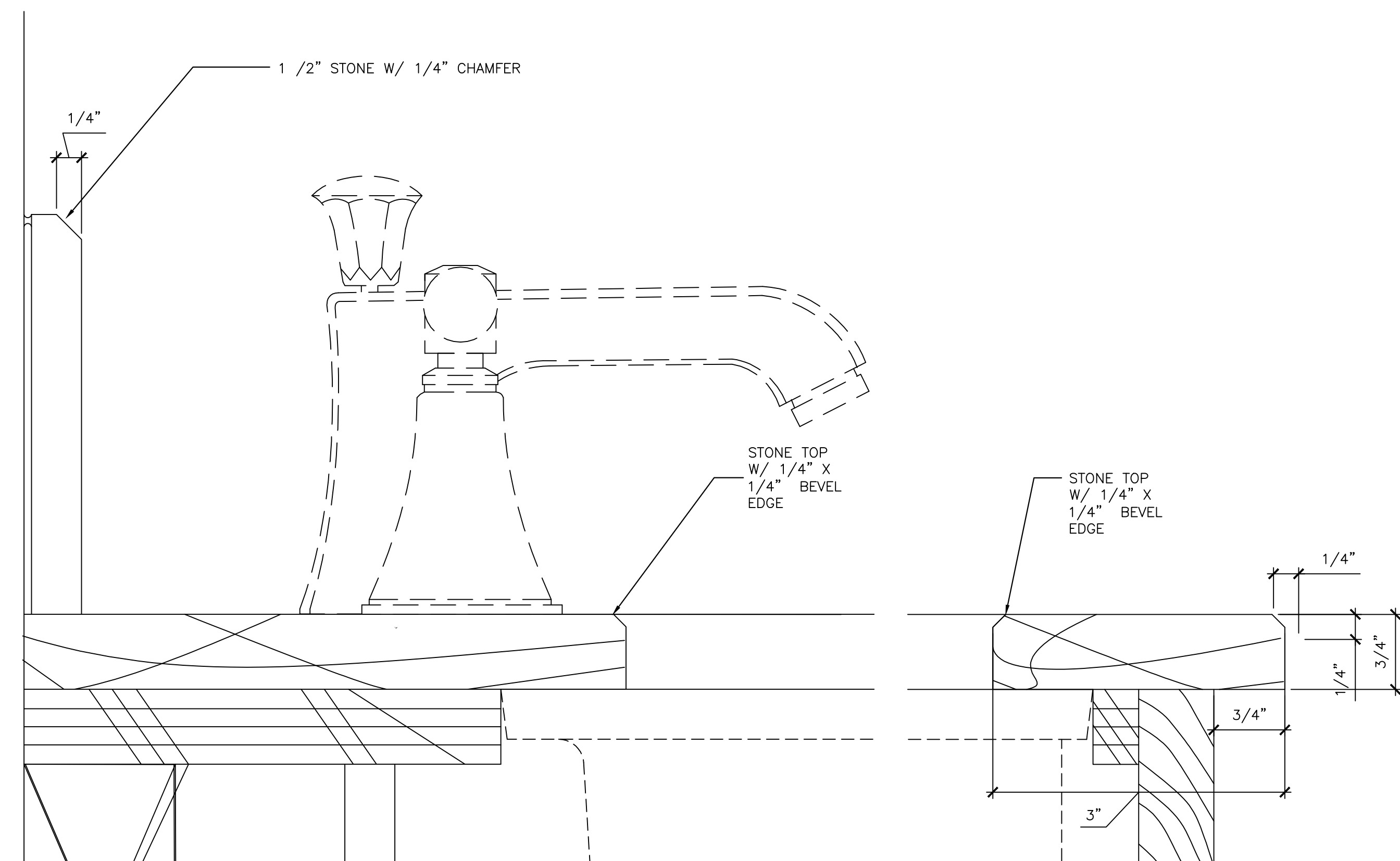
PLAN SECTION @ VANITY
SCALE: 1 1/2" = 1'-0"

10



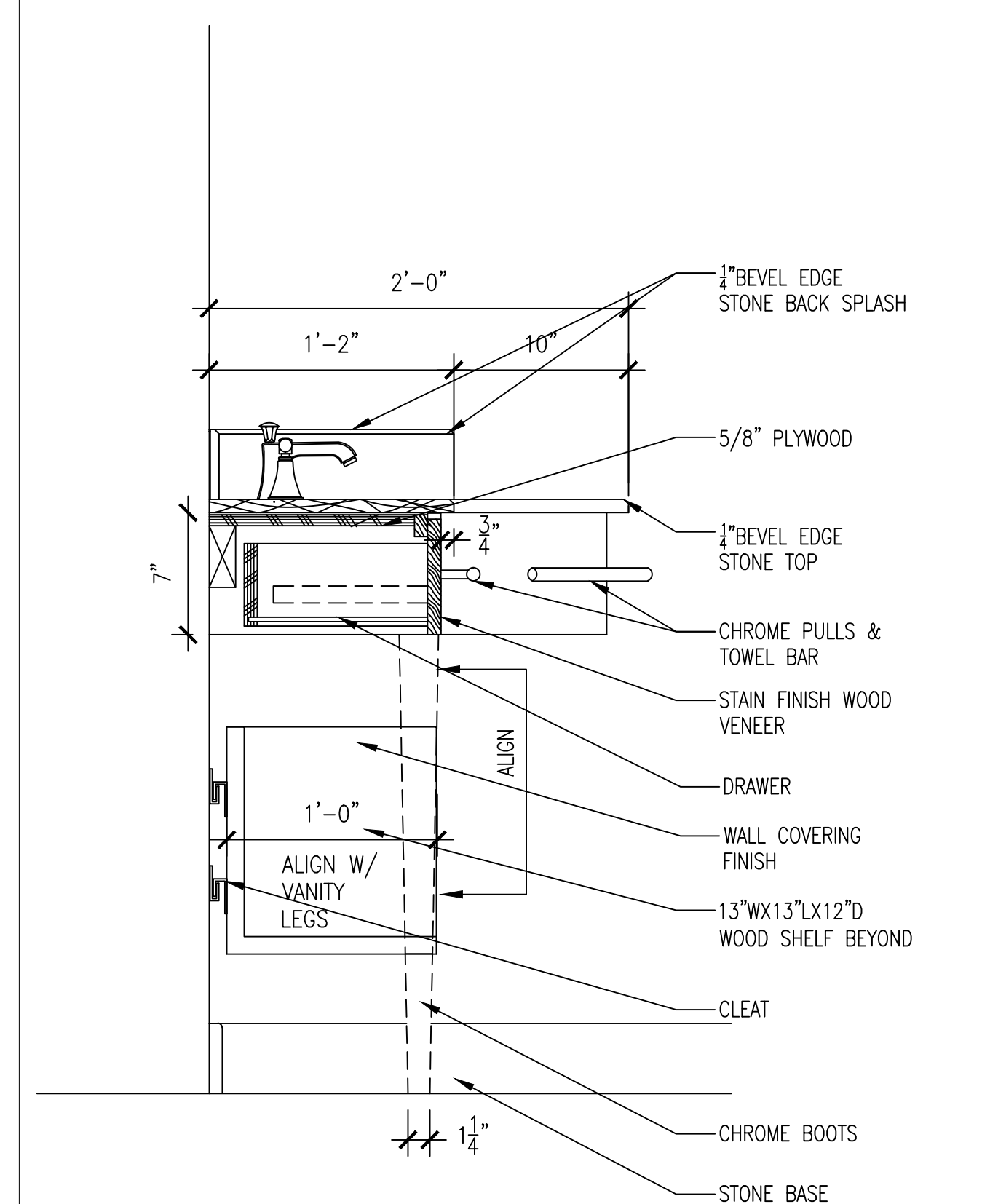
ELEVATION @ VANITY
SCALE: 1 1/2" = 1'-0"

02



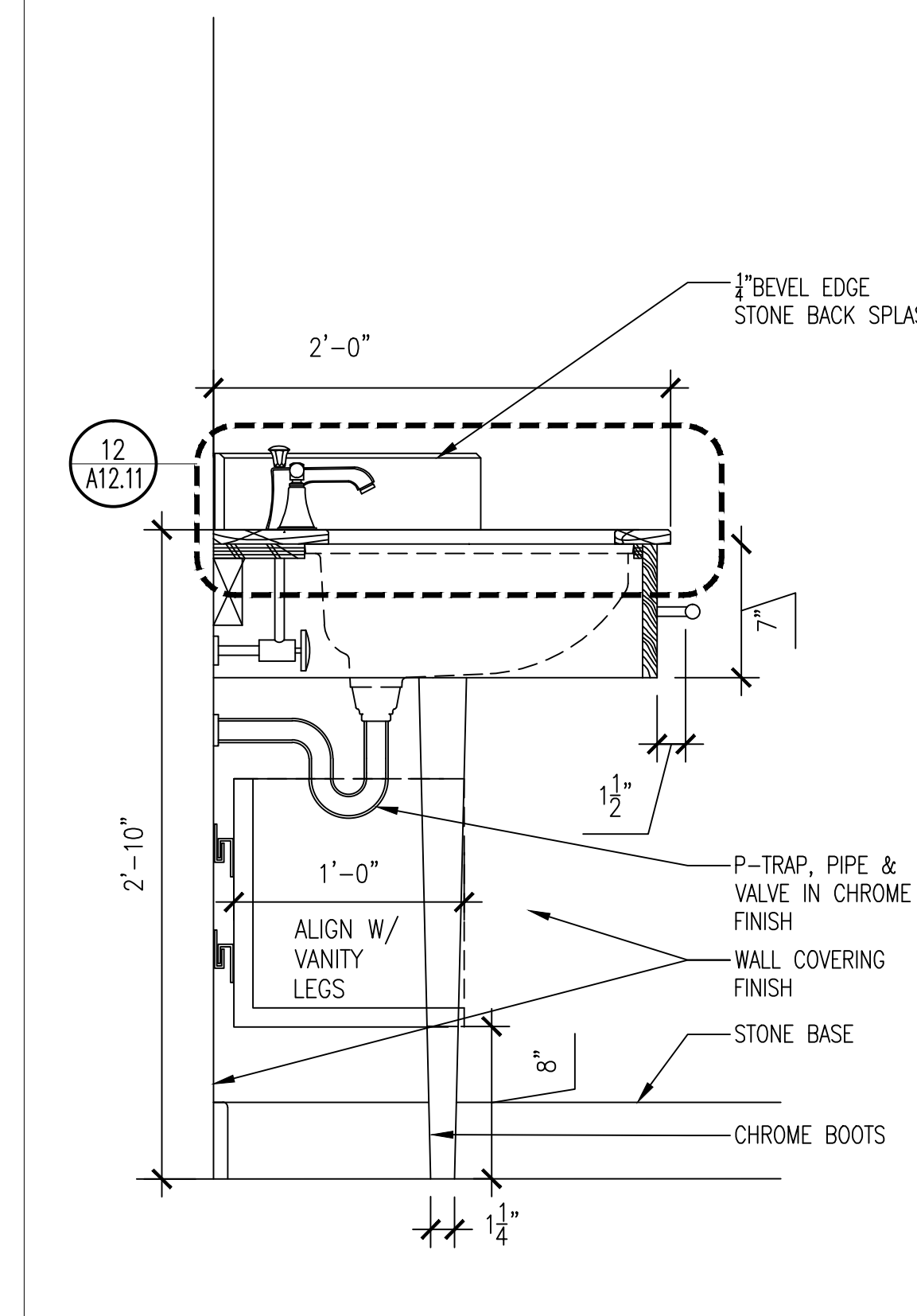
SECTION DETAIL @ VANITY
SCALE: 1'-0" = 1'-0"

12



SECTION DETAIL @ VANITY
SCALE: 1 1/2" = 1'-0"

08



SECTION DETAIL @ VANITY
SCALE: 1 1/2" = 1'-0"

04

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler
Penzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

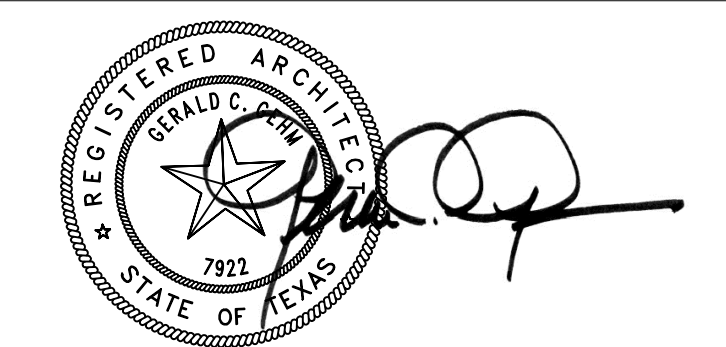
Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX
77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
GUESTROOM VANITY DETAILS

Scale
VARIES

A12.11

© 2017 Gensler

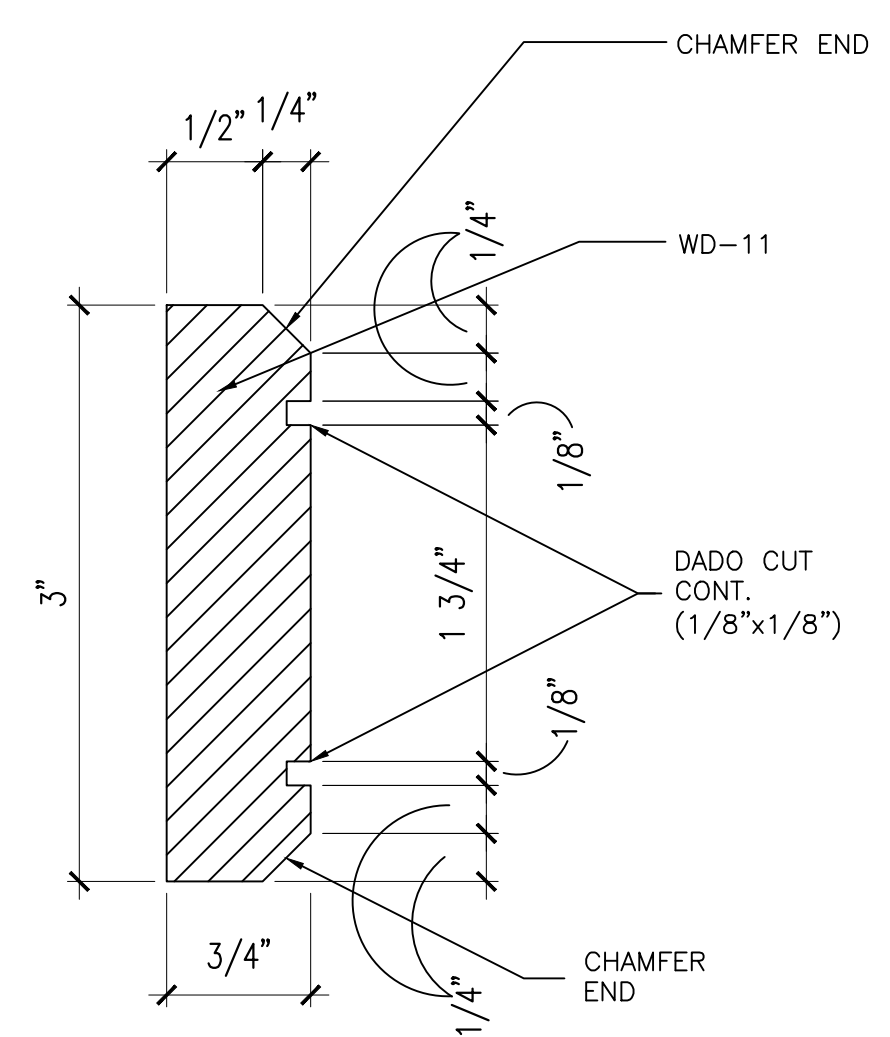
Houston First Corporation

HILTON AMERICAS
 1600 LAMAR ST. HOUSTON, TX 77010

Gensler
 Penzance Place
 711 Louisiana Street
 Suite 300
 Houston, TX 77002
 Tel: 713.844.0000
 Fax: 713.844.0001

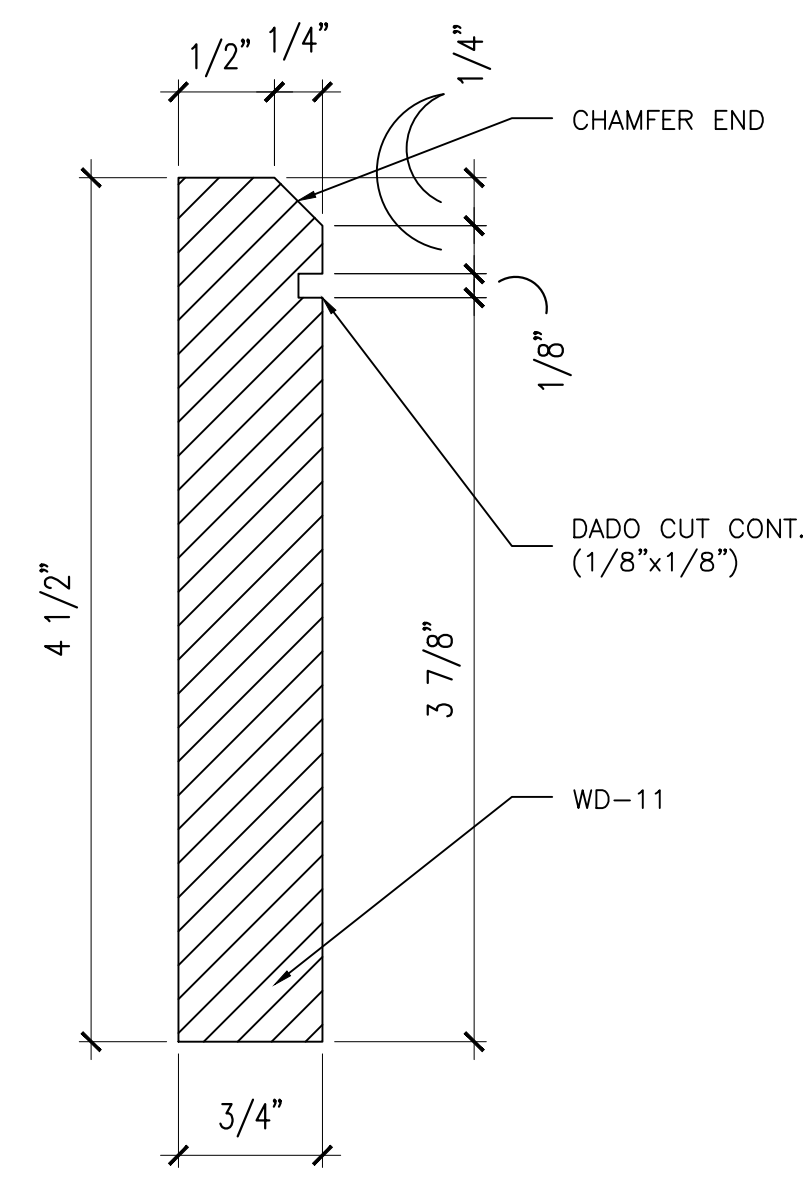
Hunt & Hunt Engineering Corp.
 MEP Consultant
 P.O. Box 771294
 Houston, TX 77215
 713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
 WILSON ASSOCIATES
 3811 Turtle Creek Boulevard, Suite 1600
 Dallas, Texas 75219
 T +1 214 521 6753 wilsonassociates.com



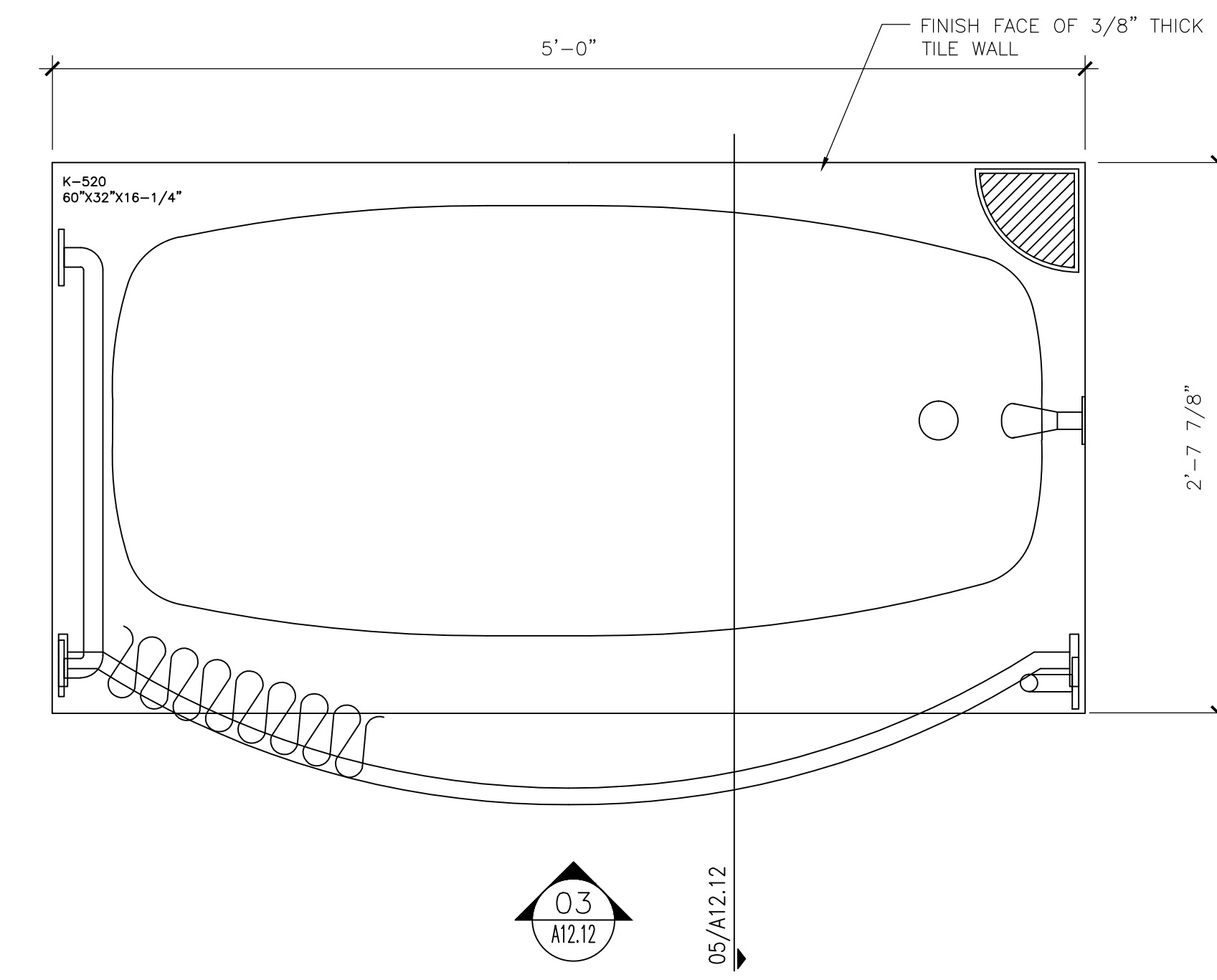
WOOD CHAIR RAIL @ CORRIDOR
 SCALE: 1/12" = 1'-0"

09



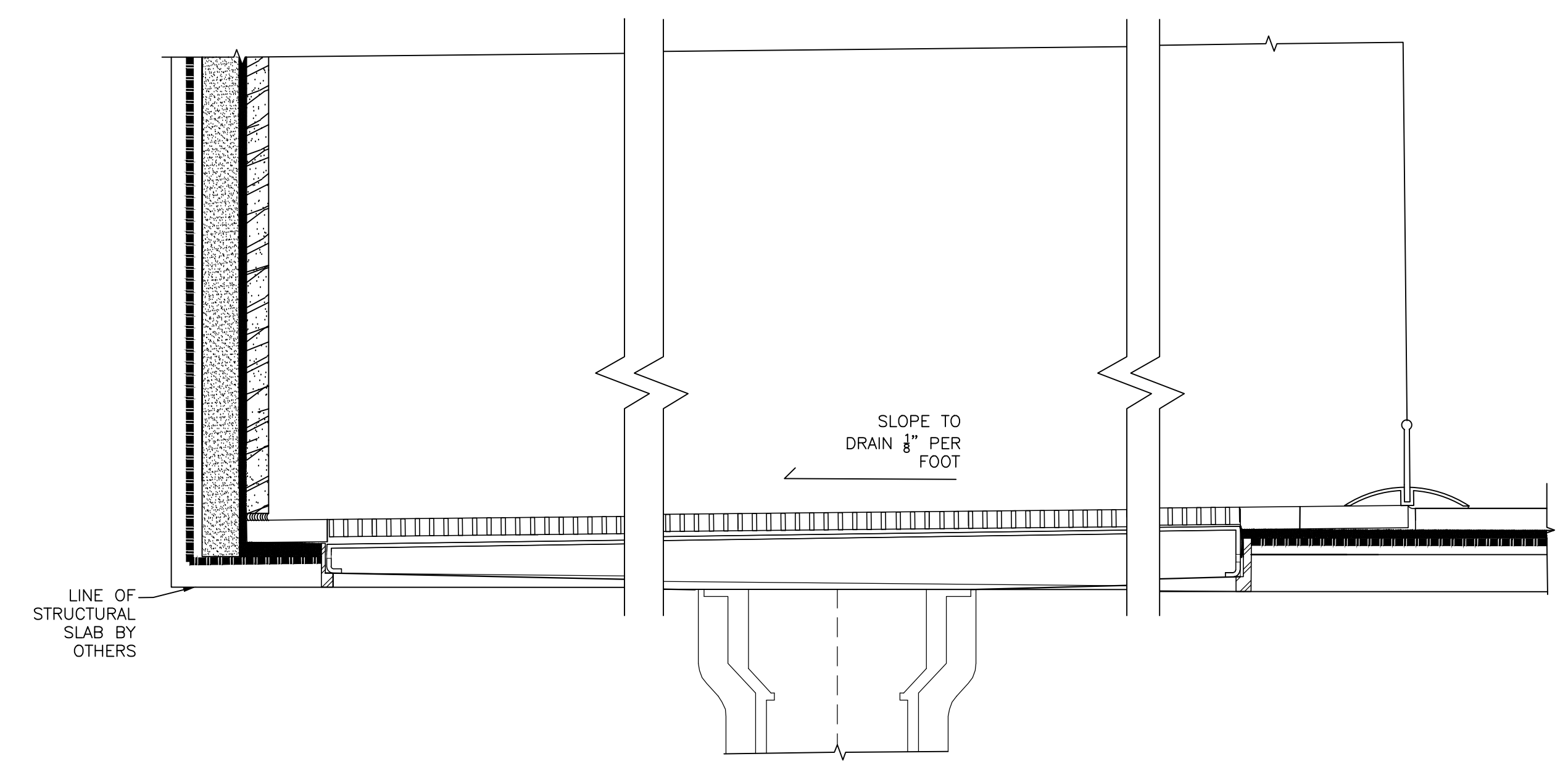
WOOD BASE AT CORRIDOR
 SCALE: FULL SCALE

06



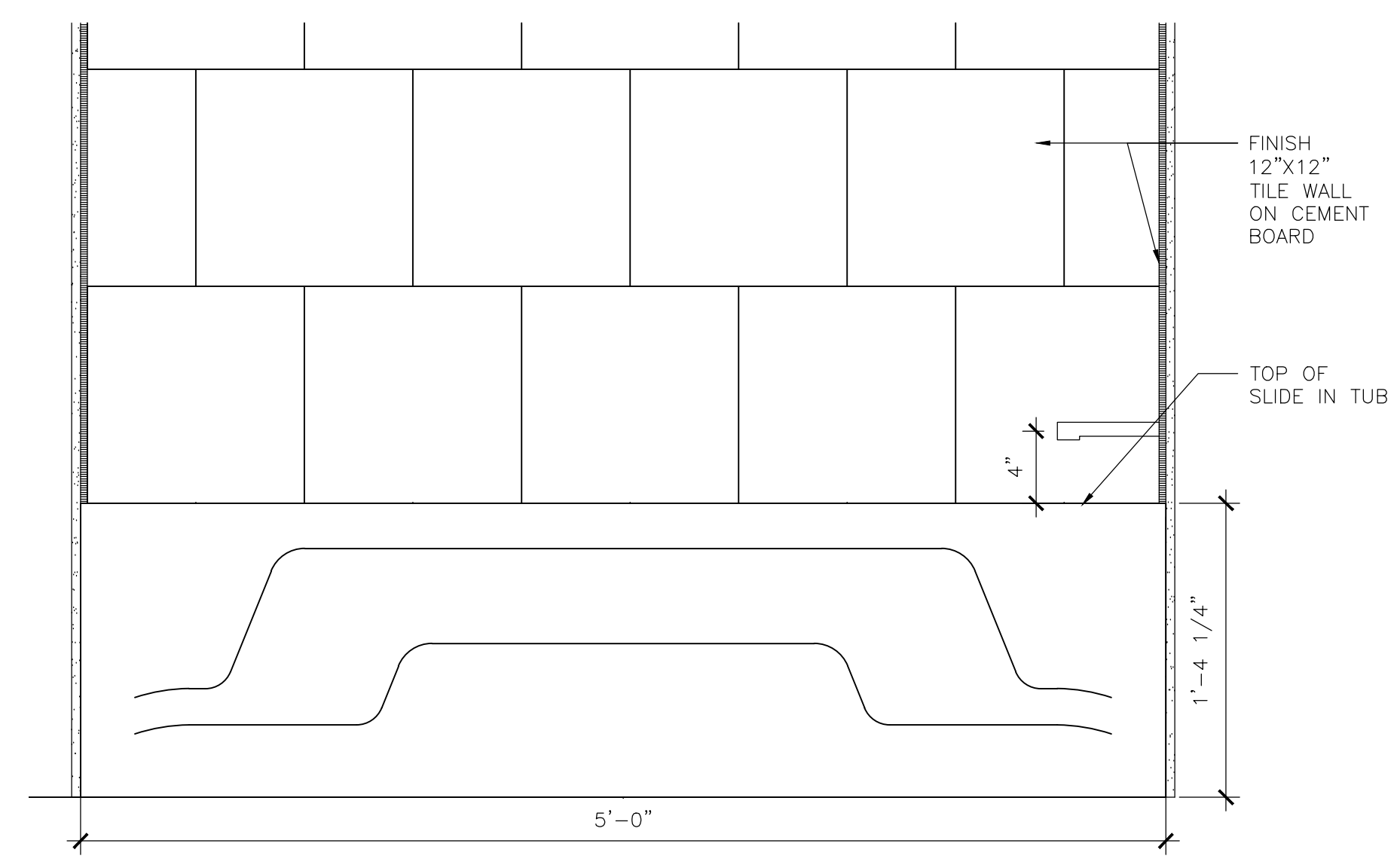
PLAN @ BATH
 SCALE: 1 1/2" = 1'-0"

01



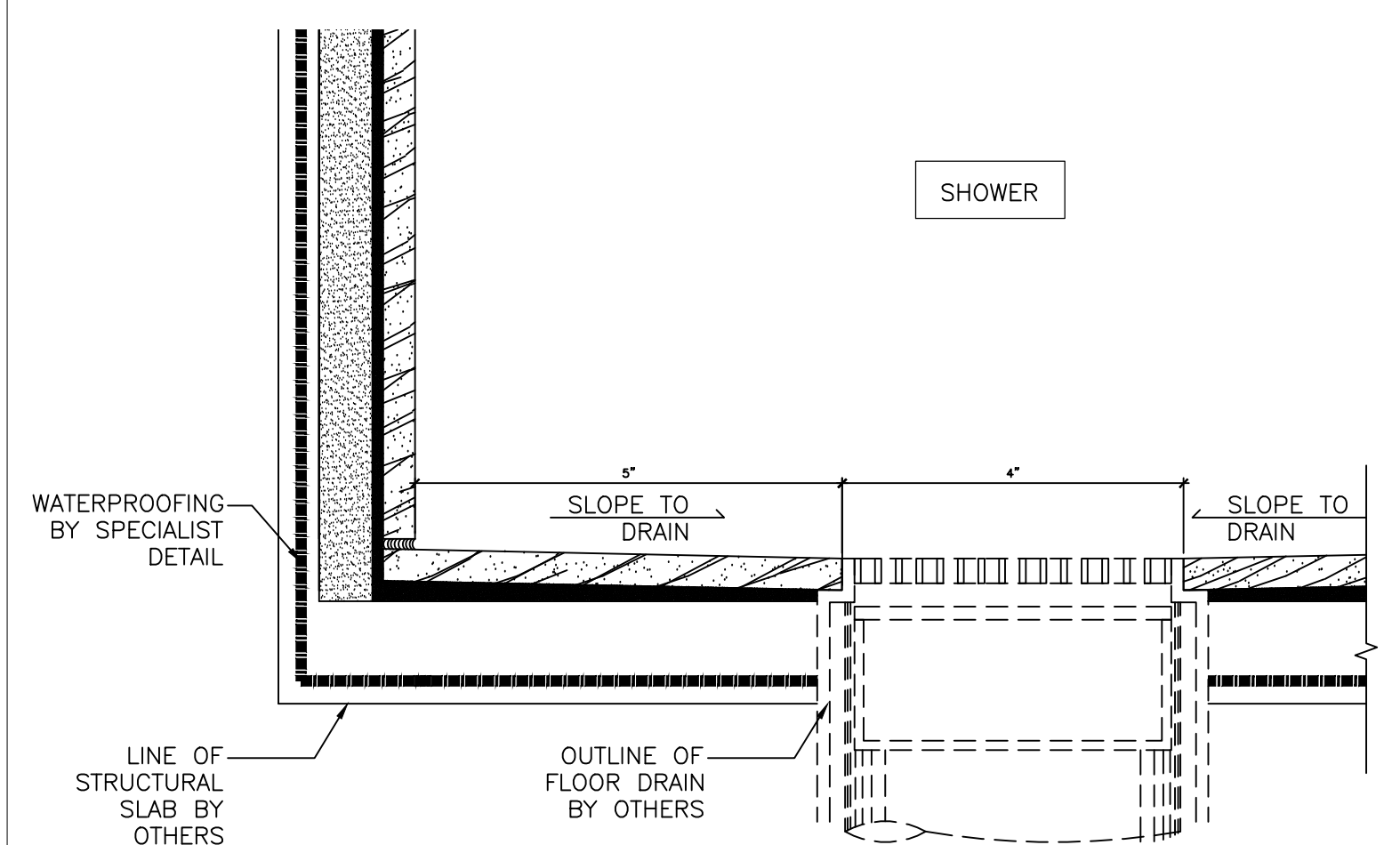
ADA SHOWER DETAIL
 SCALE: 1 1/2" = 1'-0"

10



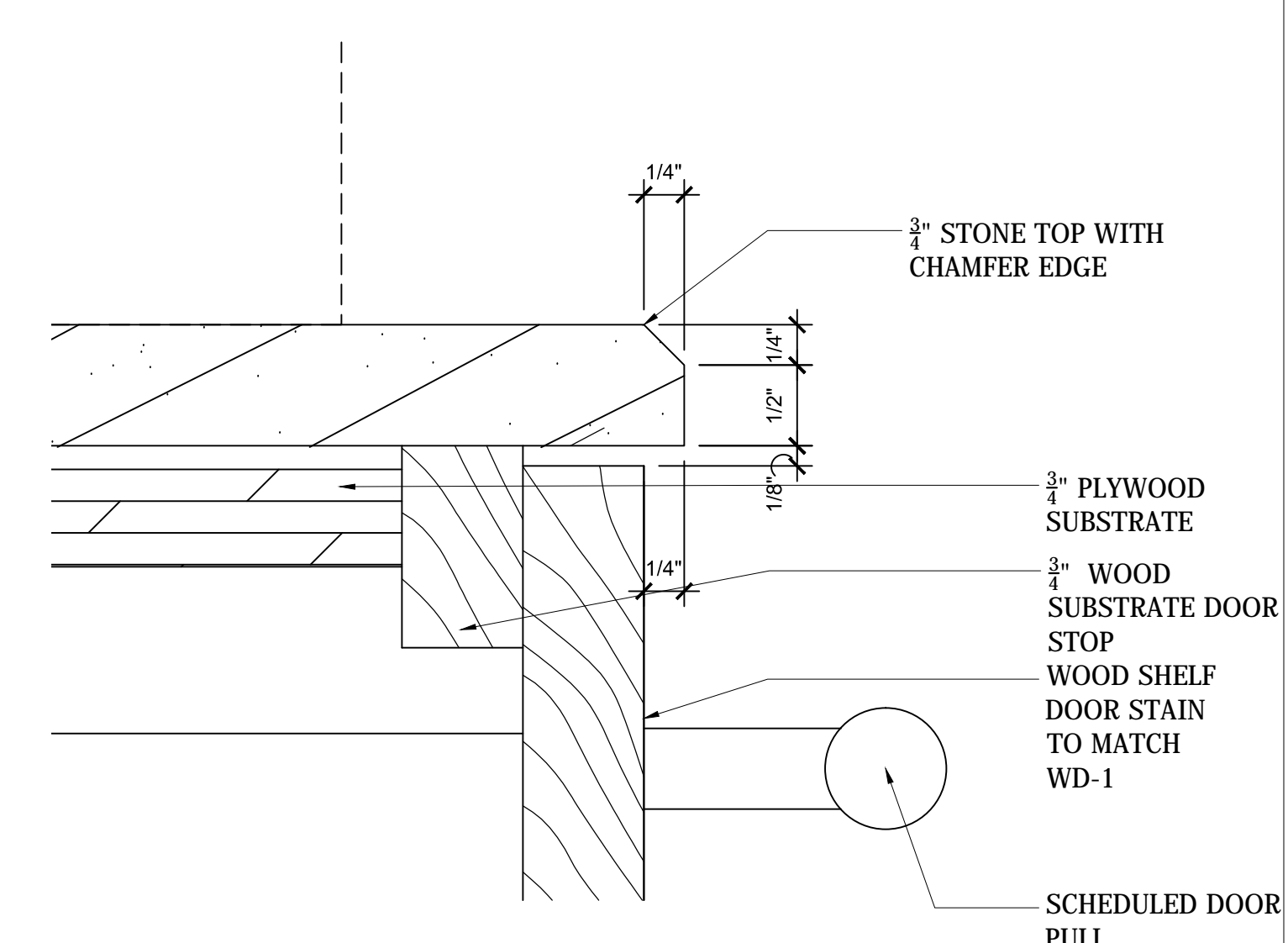
ELEVATION @ BATH
 SCALE: 1 1/2" = 1'-0"

03



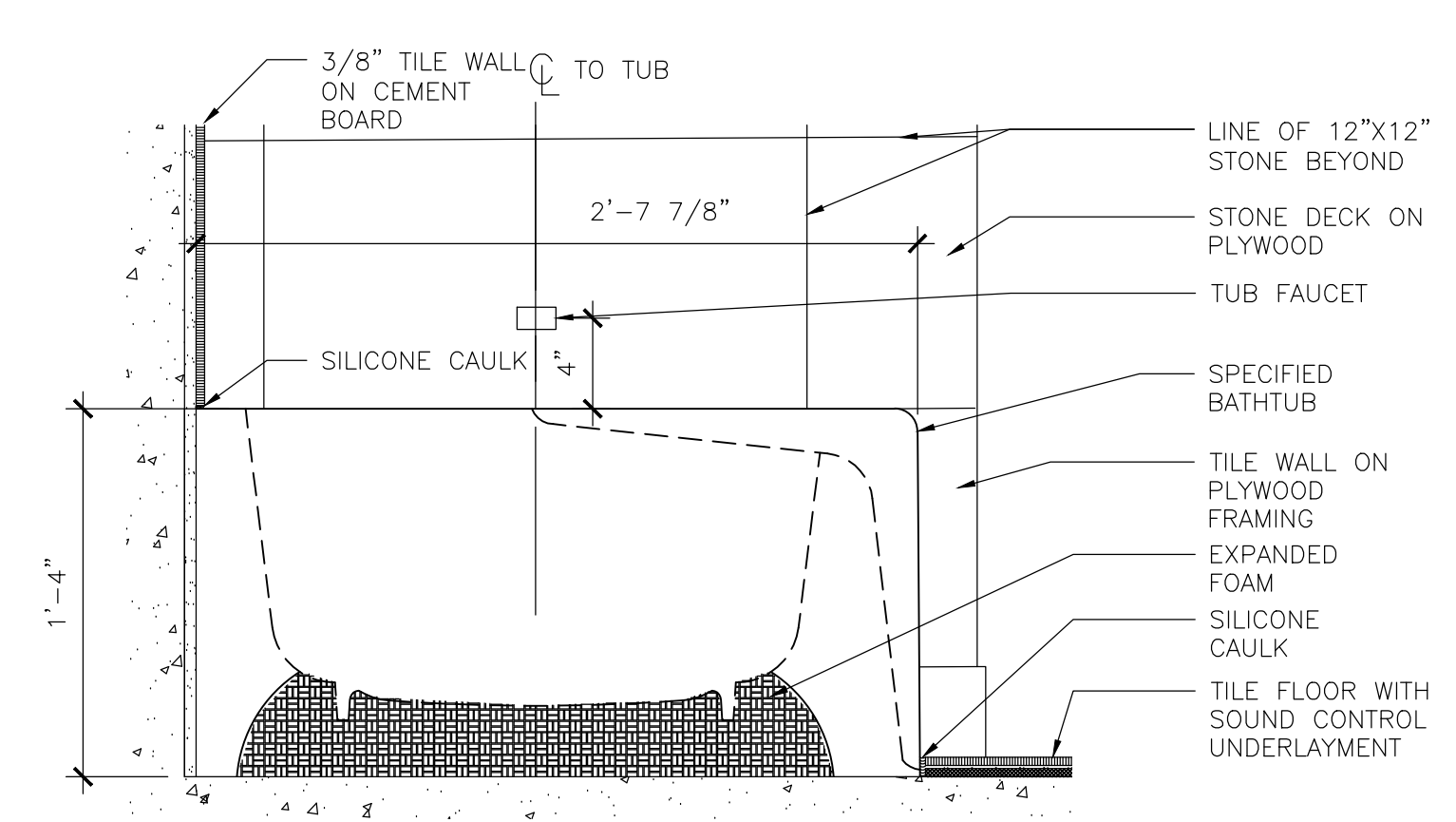
SLOT DRAIN DETAIL AT TYP. BATH
 SCALE: HALF SCALE

11



DETAIL SECTION @ SHELF
 SCALE: 1 1/2" = 1'-0"

08



SECTION @ BATH
 SCALE: 1 1/2" = 1'-0"

05

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature

 DEC 1, 2017

Project Name
 HILTON GUESTROOM CONVERSION - 19TH FLOOR

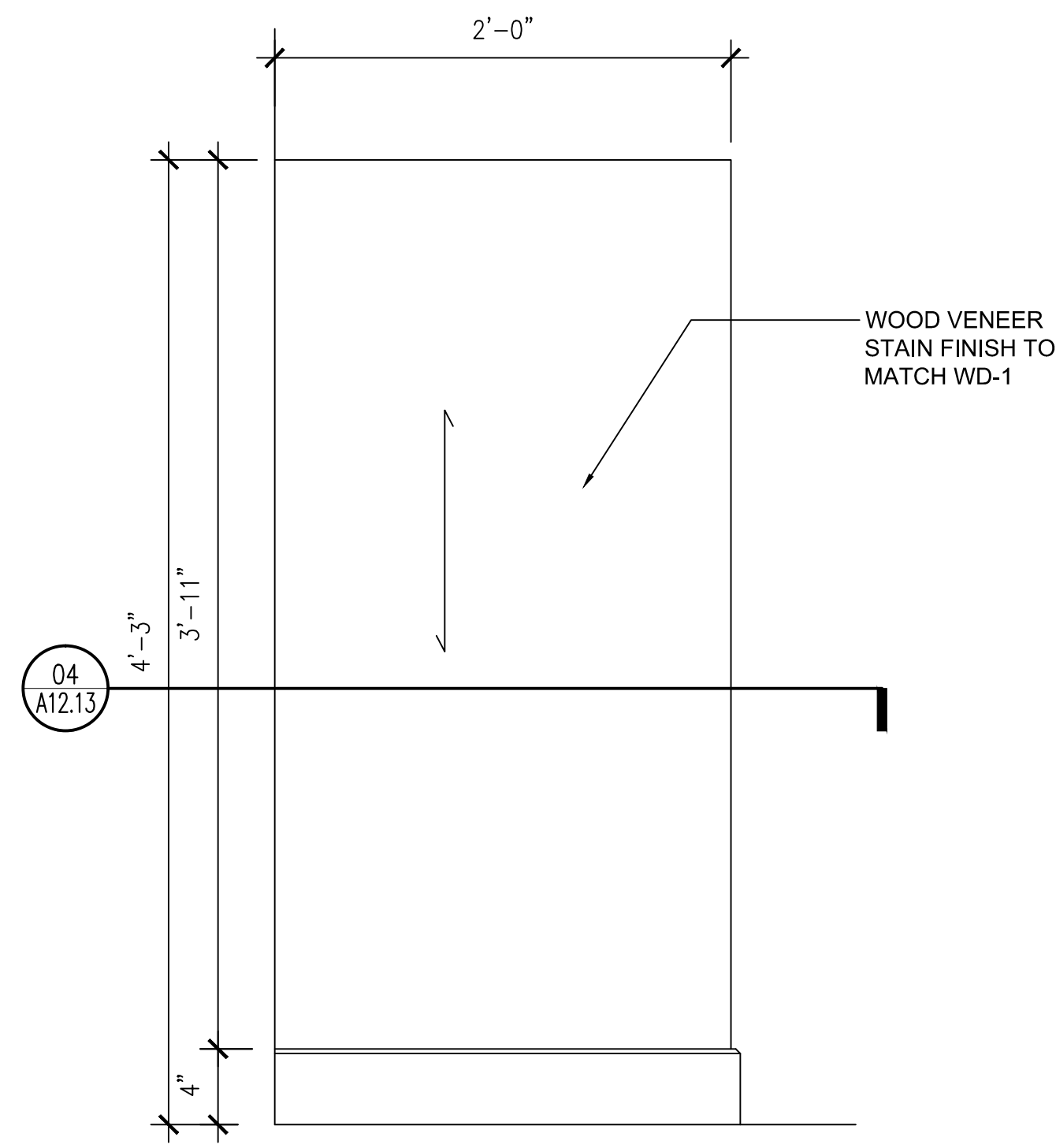
Project Number
 02.8339.000

Description
 TYPICAL DETAILS

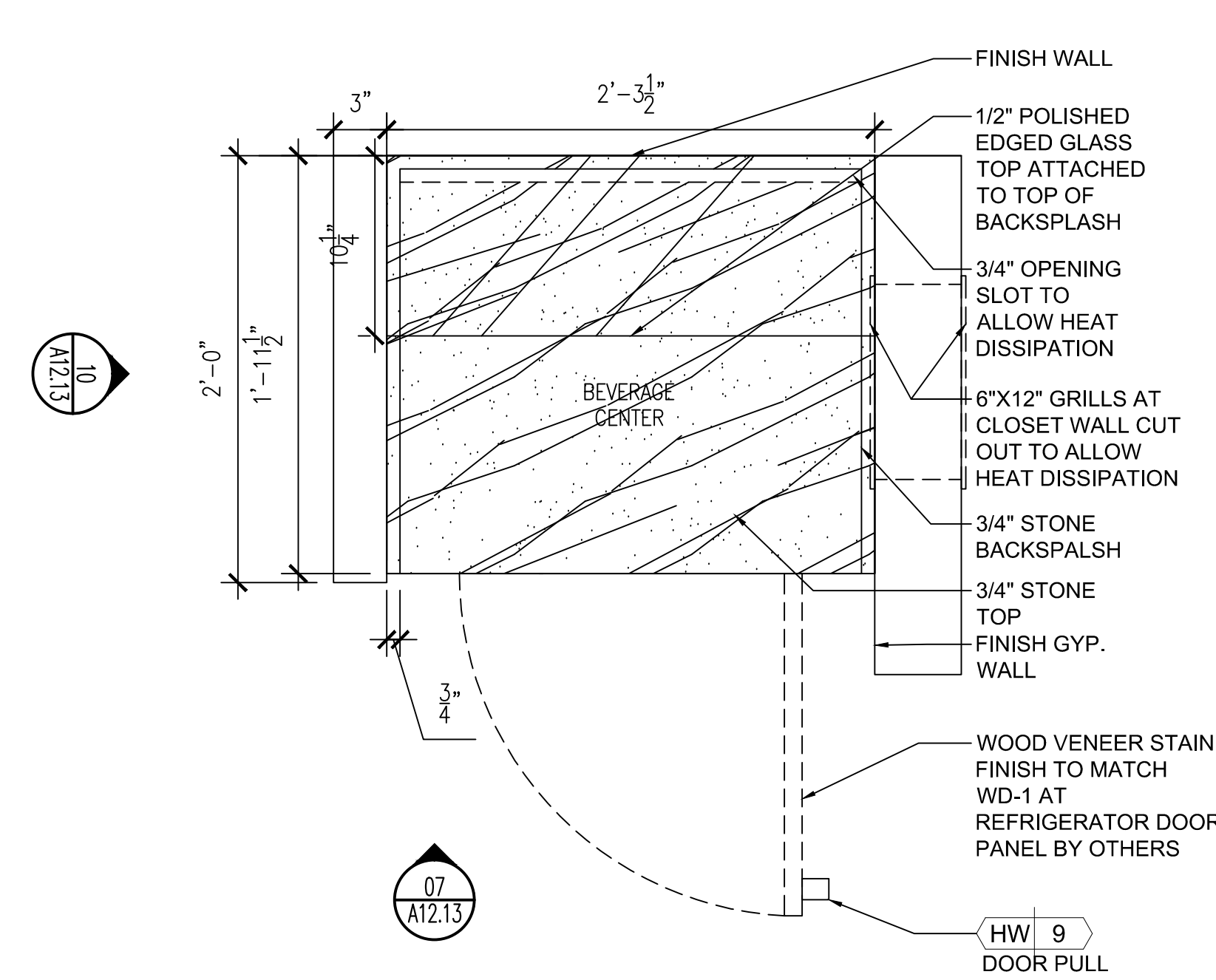
Scale
 VARIES

A12.12

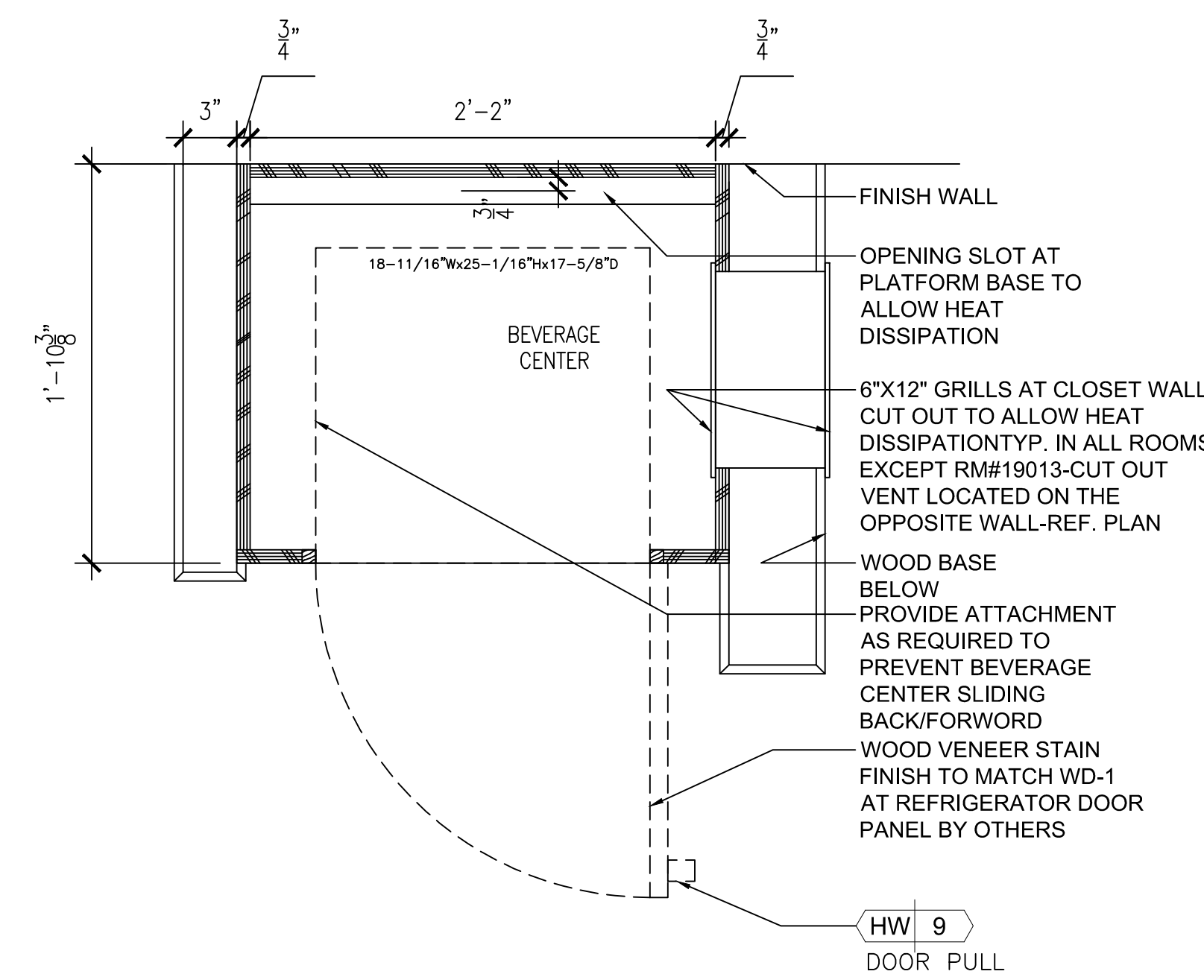
© 2017 Gensler



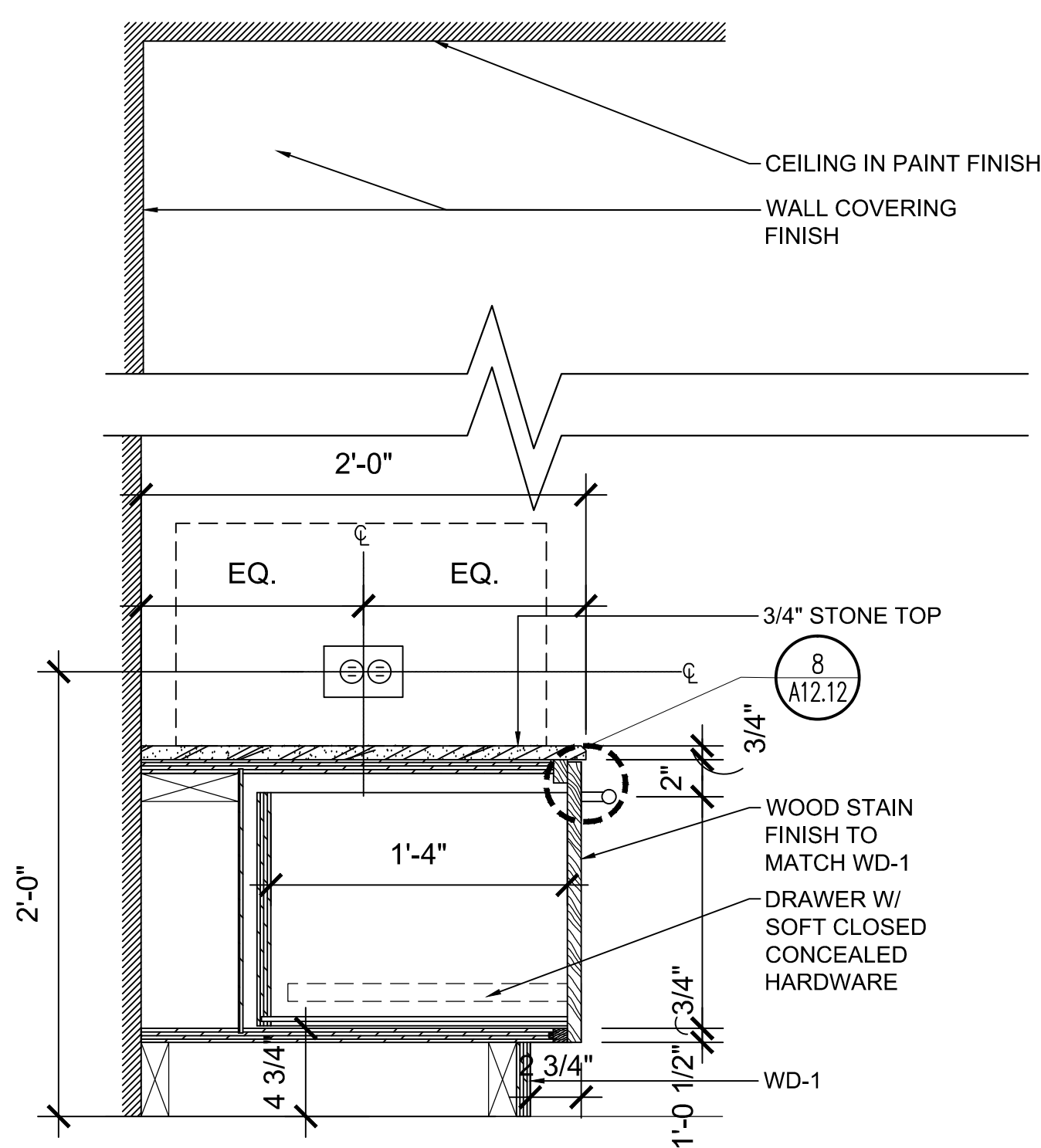
ELEVATION @ BEVERAGE CENTER 10
SCALE: 1 1/2" = 1'-0"



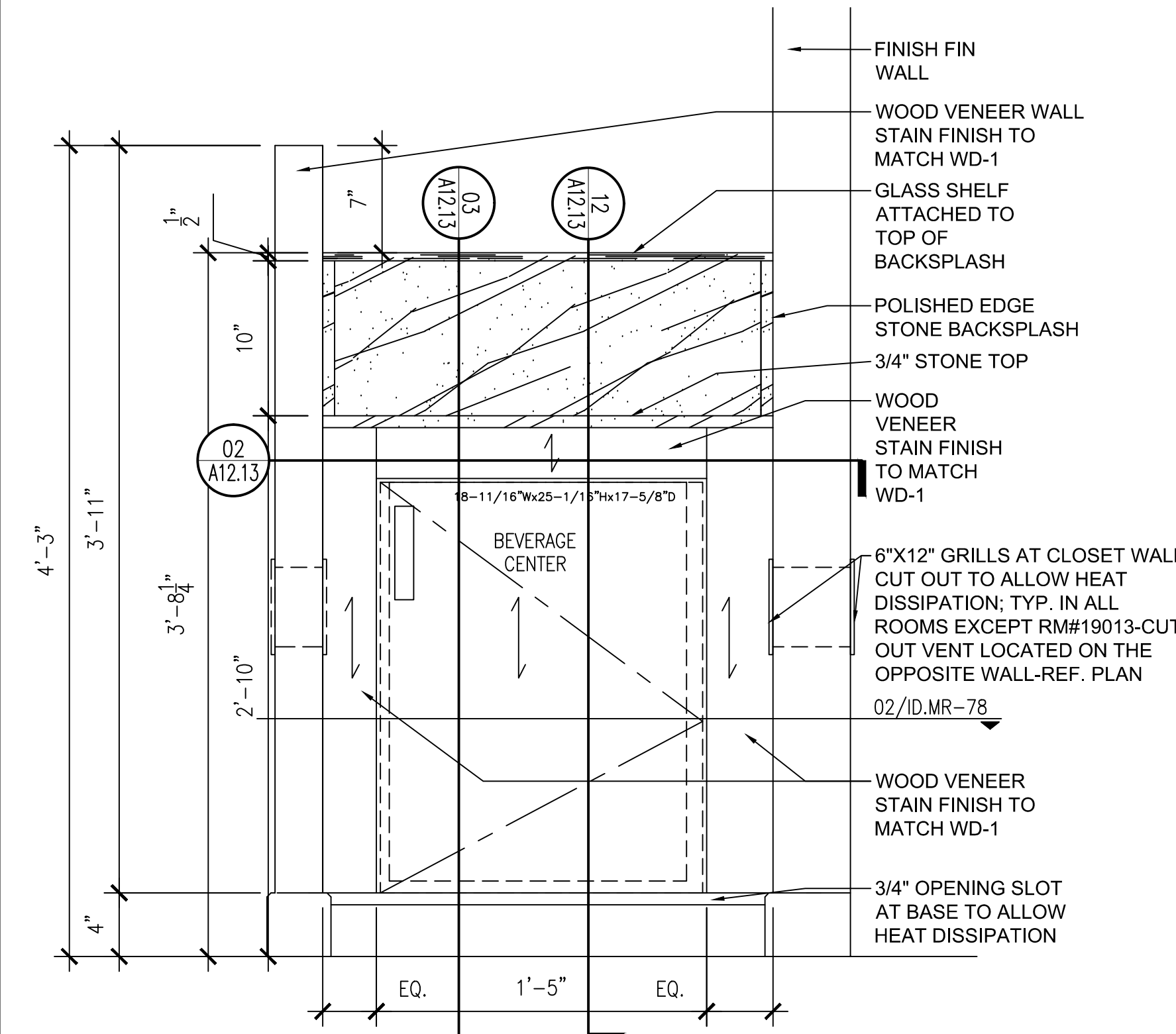
PLAN DETAIL @ BEVERAGE CENTER 06
SCALE: 1 1/2" = 1'-0"



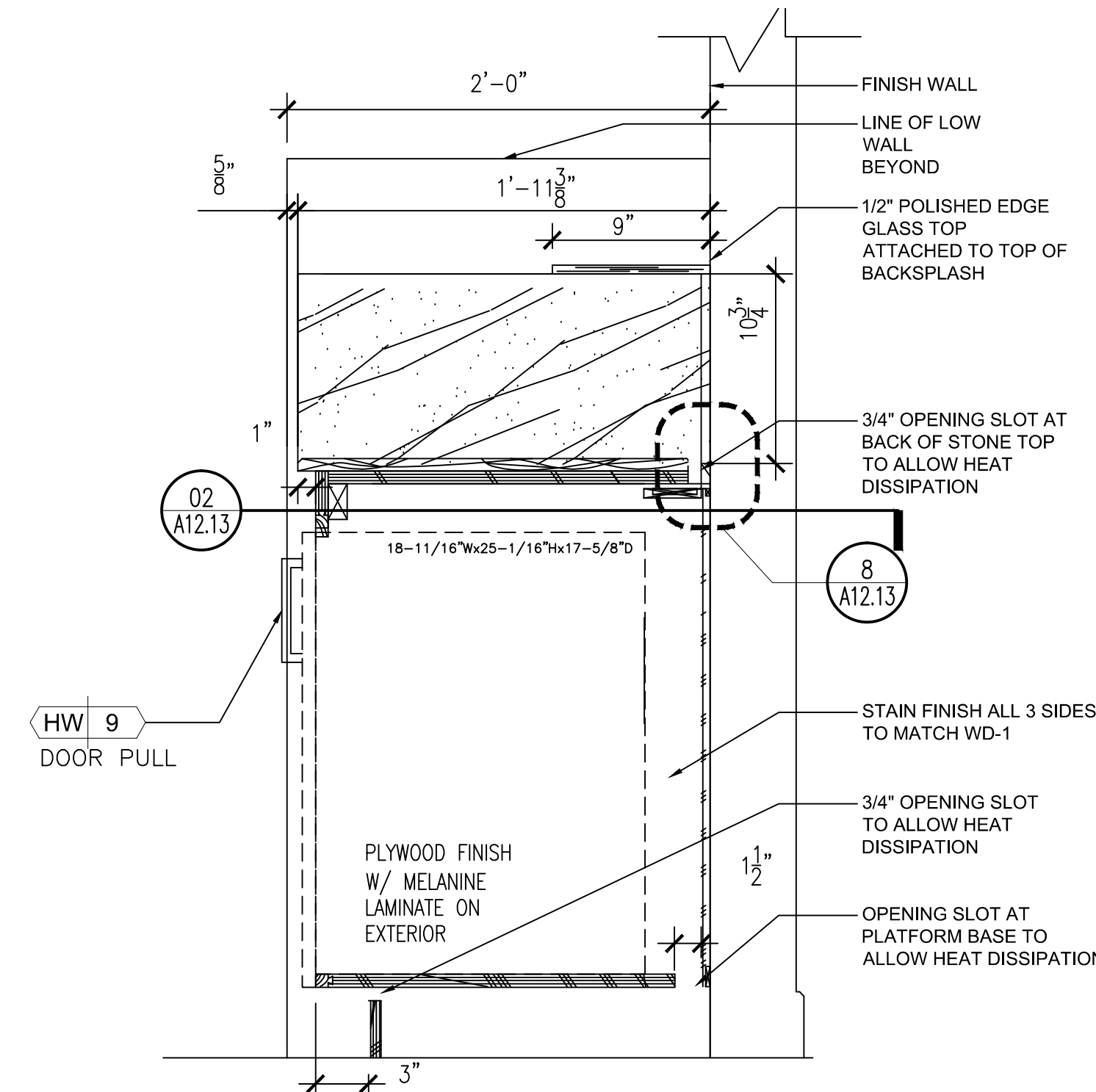
PLAN SECTION @ BEVERAGE CENTER 02
SCALE: 1 1/2" = 1'-0"



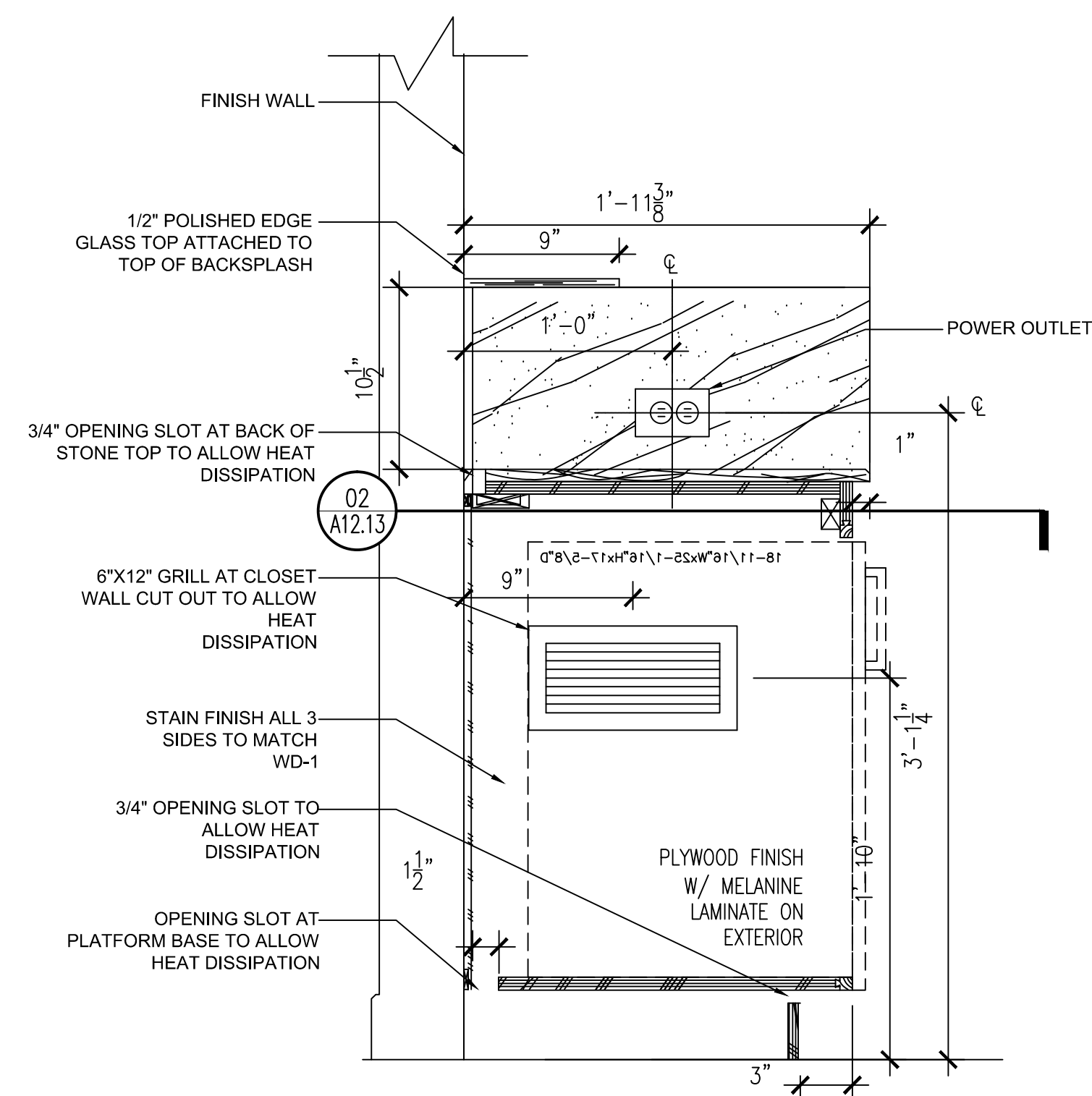
SHELF SECTION 11
SCALE: 1 1/2" = 1'-0"



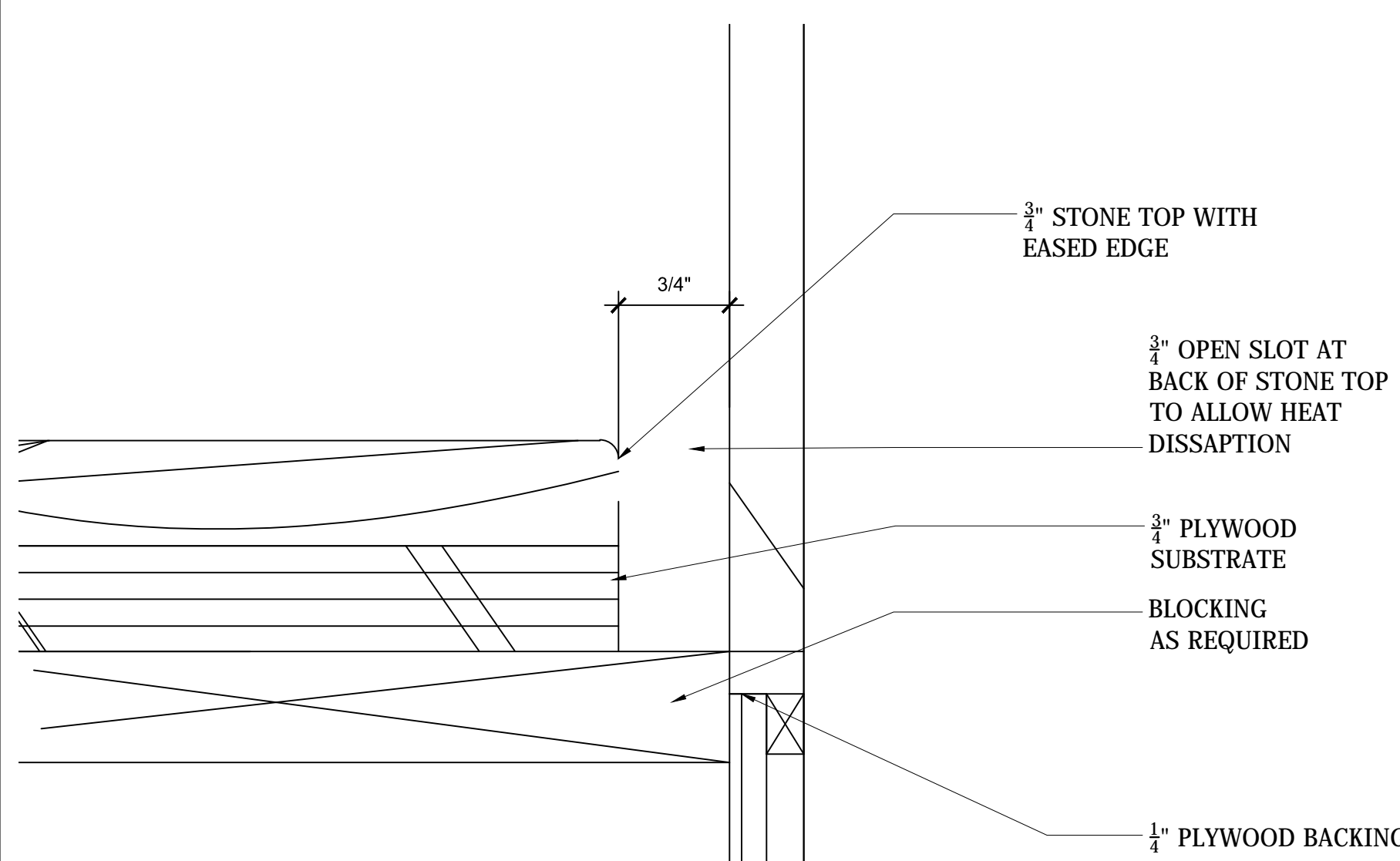
ELEVATION @ BEVERAGE CENTER 07
SCALE: 1 1/2" = 1'-0"



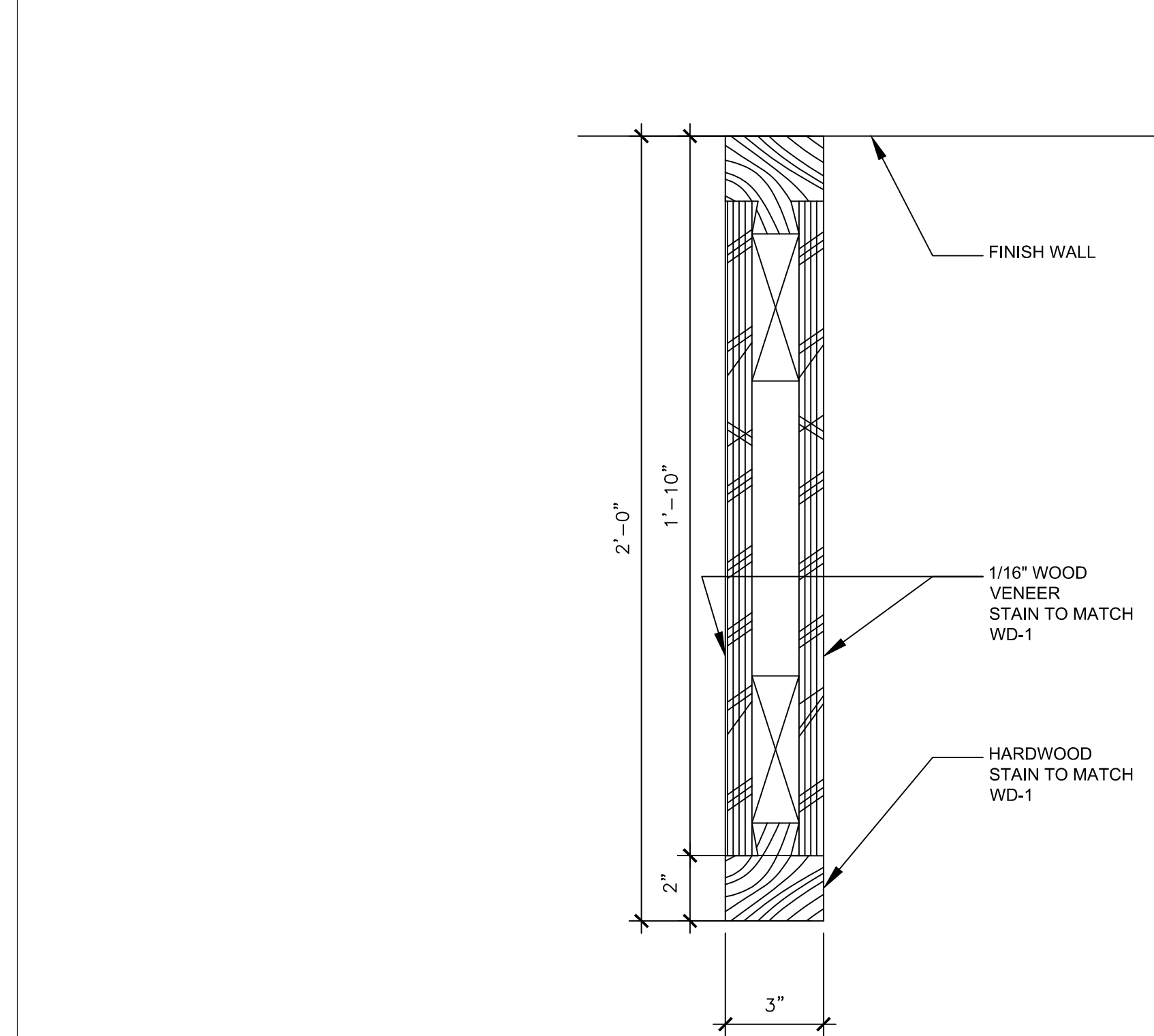
SECTION @ BEVERAGE CENTER 03
SCALE: 1 1/2" = 1'-0"



BEVERAGE CENTER SECTION 12
SCALE: 1 1/2" = 1'-0"



SECTION DETAIL @ BEVERAGE CENTER 08
SCALE: FULL SCALE



DETAIL @ BEVERAGE CENTER 04
SCALE: 3" = 1'-0"

SHEET NOTES

SHEET NOTES

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND FIELD DIMENSIONS.
- B. ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED.
- C. PATCH AND REPAIR ALL DEMO LOCATIONS.
- D. ALL ADJUSTED CONCEALED SPRINKLER HEADS TO INCLUDE NEW ESCUTCHEON.

NOTE: EVERY SHEETNOTE MAY NOT APPEAR ON THIS PAGE

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Penzoil Place
711 Louisiana Street
Suite 300
Houston TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

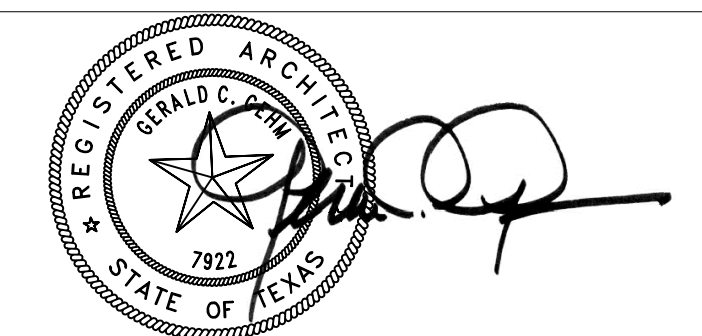
Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12/01/2017	ISSUE FOR BID / PERMIT

Seal/Signature



DEC 1, 2017

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

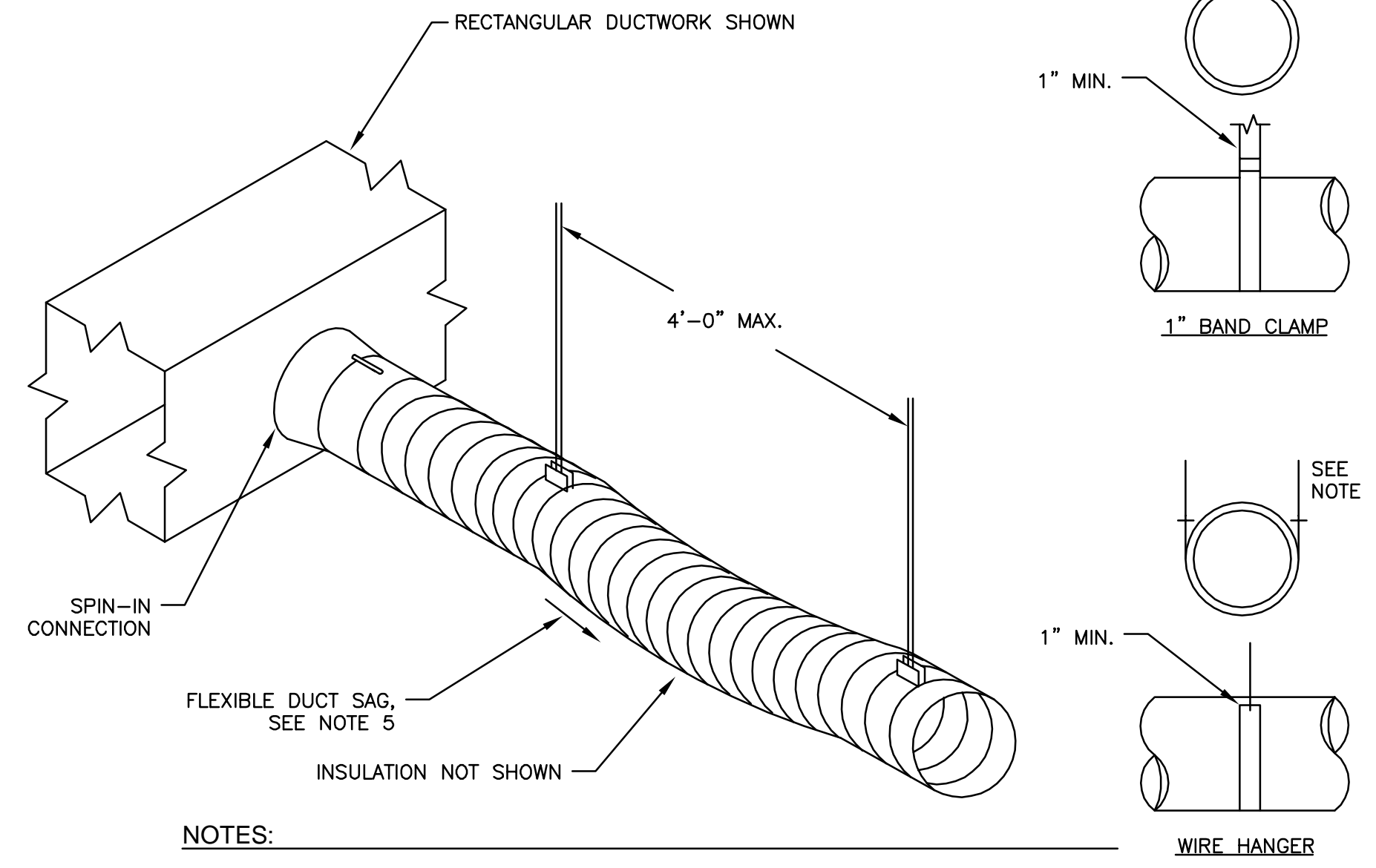
Description
GUESTROOM DETAILS

Scale
VARIES

A12.13

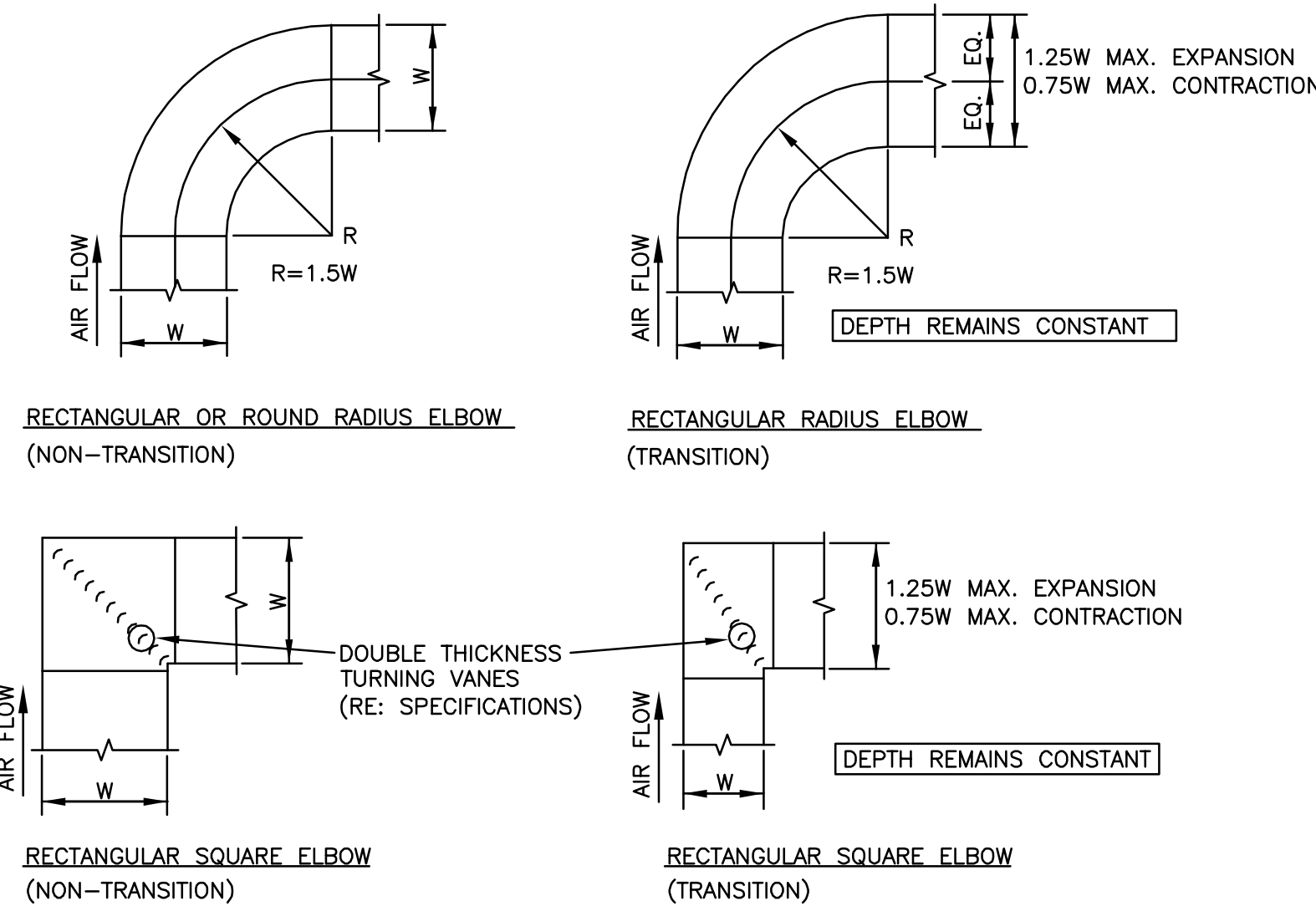
© 2017 Gensler

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
(T)	TEMPERATURE SENSOR
(H)	HUMIDISTAT
(SD)	SMOKE DETECTOR
VD	VOLUME DAMPER
FSD	FIRE/SMOKE DAMPER
SA	SUPPLY AIR
RA	RETURN AIR
EA	EXHAUST AIR
FD	FIRE DAMPER
MD	MOTORIZED DAMPER
SD	SMOKE DAMPER
(E)	ELBOW WITH TURNING VANES
(R)	SUPPLY DIFFUSER, NECK SIZE, CFM
(R)	RETURN
(R)	EXHAUST REGISTER
(R)	FLEXIBLE DUCT CONNECTION TO RECTANGULAR DUCT WITH SPIN-IN CONNECTOR
(EF)	EXHAUST FAN
(R)	ROOF EXHAUST FAN
(OAI)	OUTSIDE AIR INTAKE
(OA)	OUTSIDE AIR
RE: 1/M5.01	REFER TO DETAIL #1 ON DRAWING M5.01

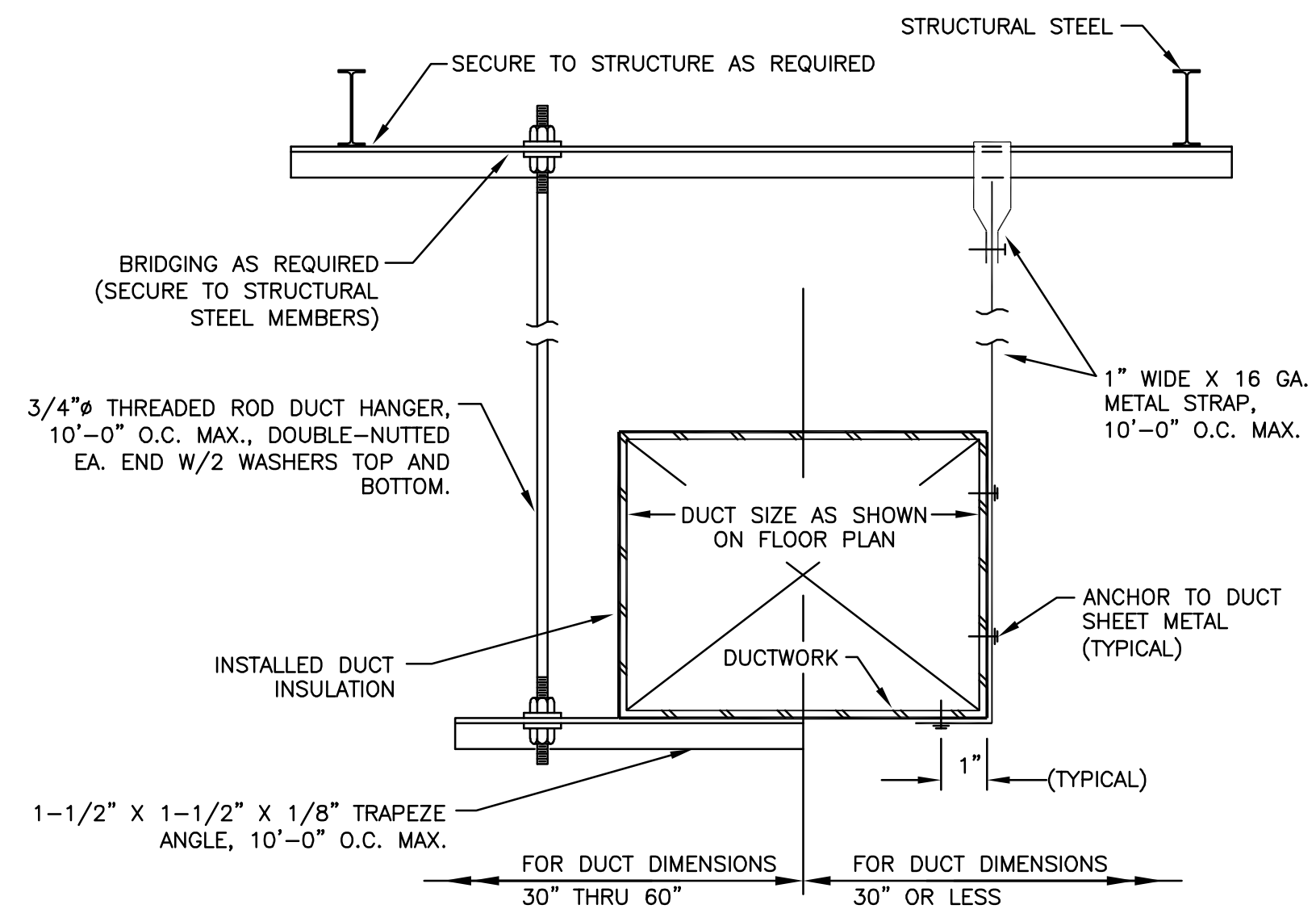


- NOTES:**
- SUPPORT SYSTEM MUST NOT DAMAGE DUCT OR CAUSE OUT OF ROUND SHAPE.
 - DUCT IS FLEXIBLE WITH EXTERNAL INSULATION AND VAPOR BARRIER JACKETING.
 - MINIMUM CENTER LINE BEND RADIUS IS ONE (1) DIAMETER (OR INSIDE RADIUS OF D/2).
 - DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.
 - MAXIMUM SAG OF 1/2" PER FOOT OF SUPPORT SPACING.

1 FLEXIBLE DUCT SUPPORT DETAIL
SCALE: NTS

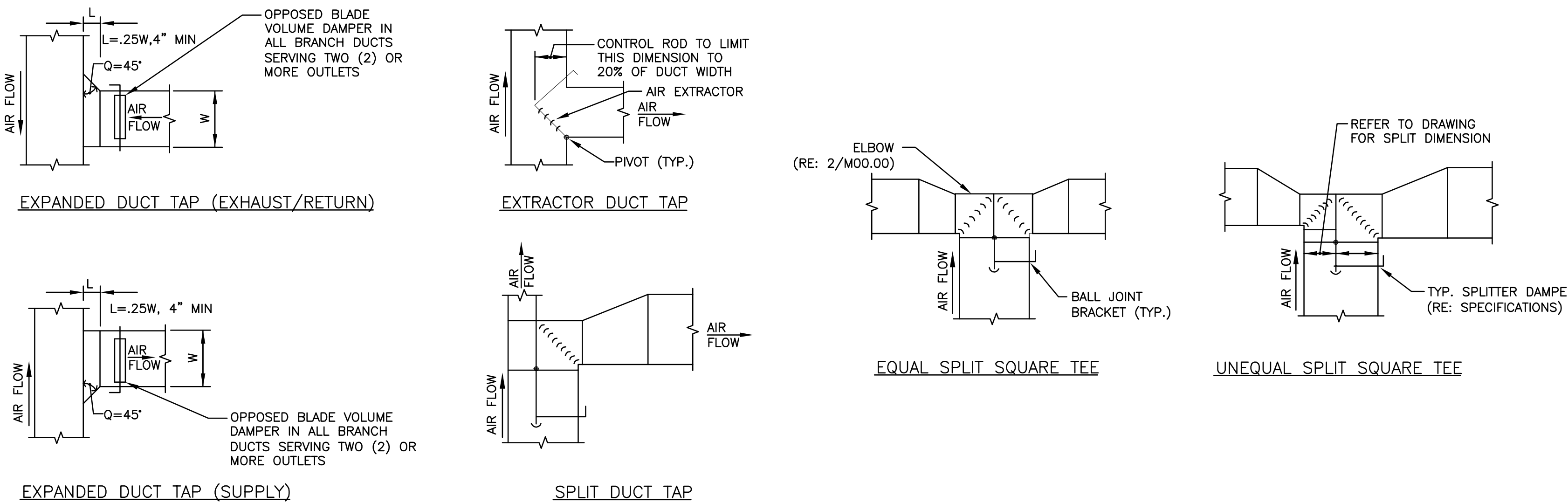


2 DUCT ELBOW DETAILS
SCALE: NTS

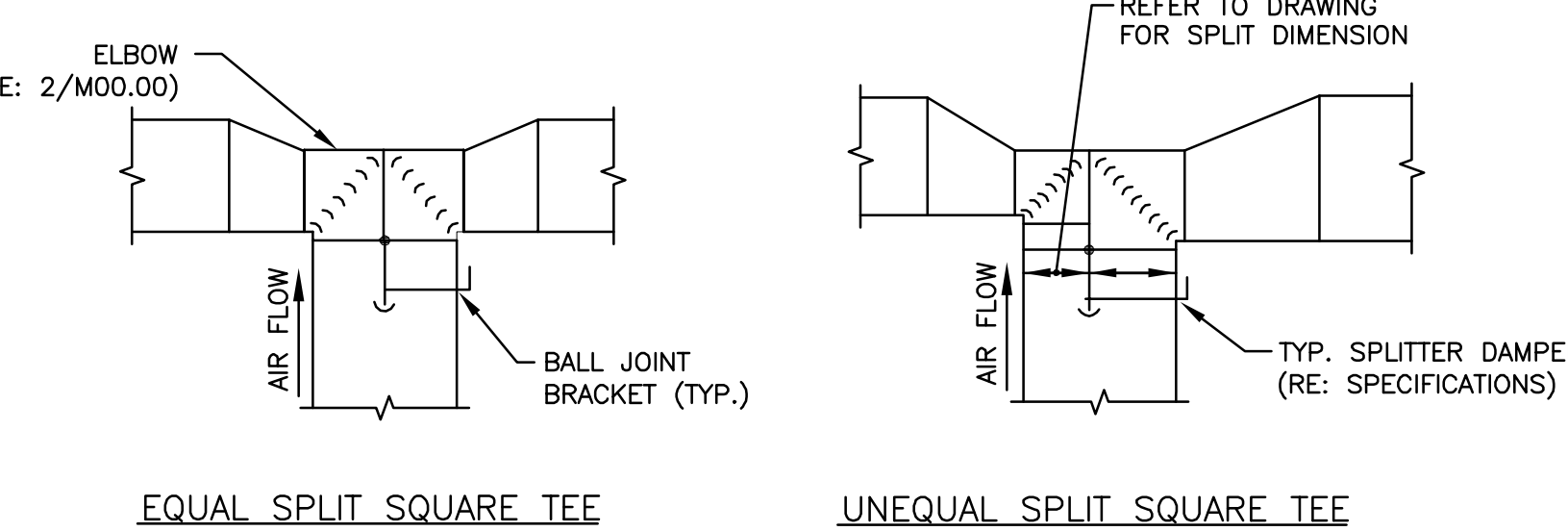


- NOTES:**
- DUCT SUPPORTS TO BE ADJUSTED AS REQUIRED TO MATCH ACTUAL FIELD CONDITIONS. FOR DUCT DIMENSIONS LARGER THAN 60" SEE INSTALLATION SPECIFICATION.

3 DUCT HANGER DETAIL
SCALE: NTS



4 DUCT FITTING DETAILS
SCALE: NTS



5 DUCT FITTING DETAILS
SCALE: NTS

DRAWING INDEX

- M00.00 MECHANICAL LEGEND, DETAILS, DRAWING INDEX & GENERAL NOTES
- M02.00 MECHANICAL FLOOR PLAN - DEMOLITION
- M02.10 MECHANICAL FLOOR PLAN - FINAL

GENERAL NOTES

- MECHANICAL CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING BUILDING MEP AND STRUCTURAL SYSTEMS PRIOR TO BIDDING. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO THE CONSTRUCTION OF DUCTWORK OR INSTALLATION OF MECHANICAL EQUIPMENT AND PIPING.
- THE APPROXIMATE LOCATIONS OF MECHANICAL ITEMS, BOTH NEW AND EXISTING, ARE INDICATED ON THE PLANS. EXACT LOCATIONS ARE TO BE DETERMINED BY ACTUAL MEASUREMENTS AT THE BUILDING.
- ALL WORK SHALL COMPLY WITH ALL STATE, COUNTY AND LOCAL ORDINANCES AND CODES.
- ALL DUCT SIZES SHOWN FOR NEW DUCTS ARE CLEAR INSIDE AIRSTREAM DIMENSIONS. ALLOW 2" BOTH WAYS FOR EXTERNAL INSULATION. EXPOSED ROUND DUCT SHALL BE DOUBLE WALL SPIRAL DUCT.
- WHERE PIPING OR DUCT WORK PASSES THROUGH SLEEVES IN FIRE OR SMOKE RATED CONSTRUCTION, IT SHALL BE SEALED WITH UL CLASSIFIED FIRE BARRIER SYSTEM RATED AT LEAST EQUAL TO THAT OF THE FLOOR OR WALL IN WHICH IT IS INSTALLED, TO PREVENT THE SPREAD OF SMOKE, FIRE, TOXIC GAS, OR WATER. SEAL WITH DOW CORNING OR 3M FIRE STOP FOAM.
- ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED PER LATEST SMACNA GUIDE. PROVIDE ALL DUCT OFFSETS AND TRANSITIONS AS REQUIRED TO COORDINATE WITH OTHER TRADES AND FIT THE AVAILABLE SPACE.
- EXTERNALLY INSULATE ALL NEW SPIN-IN FITTINGS, RIGID ROUND DUCTS, AND CONES OF DIFFUSERS.
- ALL NEW SUPPLY AND RETURN AIR DUCTS SHALL BE EXTERNALLY INSULATED. ALL DUCTS RUNNING IN CONDITIONED SPACE SHALL BE INSULATED WITH A MINIMUM OF R-8 INSULATION.
- LOCATIONS OF CEILING OUTLETS SHALL BE COORDINATED WITH LIGHTS, SPRINKLER HEADS, SPEAKERS, AND OTHER CEILING MOUNTED DEVICES. DIFFUSERS SHALL BE SUITABLE FOR INSTALLATION OF CEILING TYPE IN WHICH INSTALLED. CONFIRM BEFORE ORDERING.
- DO NOT SCALE PLANS. ROUGH-INS FOR ALL DEVICES SHALL BE BASED ON THE ARCHITECTURAL FLOOR PLANS AND REFLECTED CEILING PLAN. LOCATION OF WALLS AND COLUMNS SHALL BE AS INDICATED ON THE ARCHITECTURAL PLANS. THE CONTRACTOR SHALL CONFIRM EXACT SIZE AND LOCATION BEFORE FABRICATION OF DUCT OR CONNECTIONS. REFER TO ARCHITECTURAL DRAWINGS.
- DRAWINGS: WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING OWNER OR THE DESIGNATED REPRESENTATIVE OF THE BUILDING OWNER. RECORD DRAWINGS SHALL INCLUDE, AS A MINIMUM, GENERAL CONFIGURATION OF DUCT AND PIPE DISTRIBUTION SYSTEM, INCLUDING SIZES.
- BASE BUILDING CONSTRUCTION REQUIREMENTS AND AIR BALANCE PROCEDURES SHALL BECOME PART OF THE CONSTRUCTION CONTRACT. IN ADDITION, CONTRACTOR SHALL PROVIDE TO THE OWNER A COMPLETE TEST AND BALANCE REPORT FOR THE SPACE PRIOR TO OCCUPANCY.

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Pennoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.

MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TBP# FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

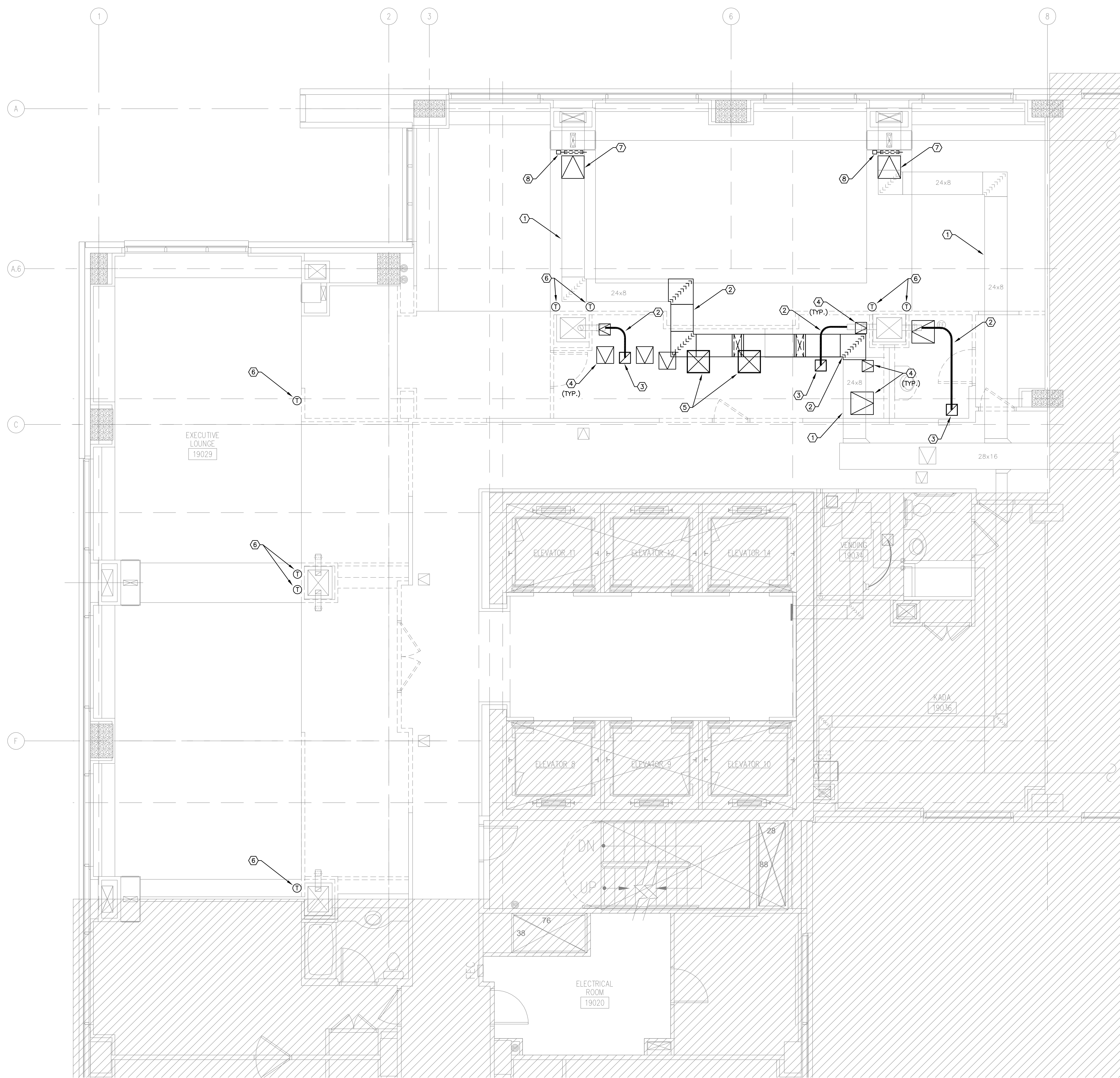
Project Number
02.8339.000

Description
MECHANICAL LEGEND, DETAILS, DRAWING INDEX & GENERAL NOTES

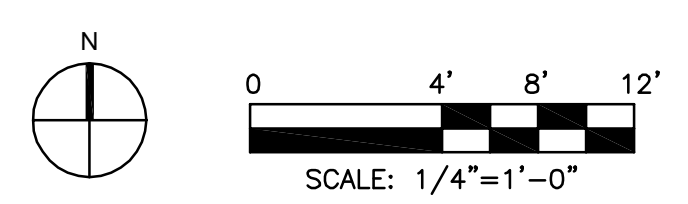
Scale
NONE

M00.00

© 2017 Gensler



1 LEVEL 19 - MECHANICAL FLOOR PLAN - DEMOLITION
SCALE: 1/4"=1'-0"



GENERAL NOTES

1. CONTRACTOR SHALL CONFIRM ALL DUCT ROUTING PRIOR TO BEGINNING DEMOLITION WORK. INFORM ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWING AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.
2. ALL EXISTING SUPPLY AIR DIFFUSERS, RETURN AIR GRILLES AND DUCTWORK IN REMODEL AREA SHALL REMAIN IN SERVICE UNLESS OTHERWISE NOTED.

DEMOLITION NOTES

- ① EXISTING DUCTWORK TO REMAIN.
- ② REMOVE EXISTING DUCTWORK AS SHOWN.
- ③ REMOVE EXISTING EXHAUST GRILLE AS SHOWN.
- ④ REMOVE ALL EXISTING ACCESS PANELS IN THIS AREA. COORDINATE ALL WORK WITH ARCHITECT AND ELECTRICAL CONTRACTOR.
- ⑤ REMOVE EXISTING SUPPLY AIR DIFFUSER, SALVAGE AND RETURN TO OWNER.
- ⑥ REMOVE EXISTING THERMOSTAT. WIRE SHALL BE SUPPORTED FROM STRUCTURE AND RECONNECTED, AS REQUIRED.
- ⑦ REMOVE EXISTING ACCESS PANEL. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- ⑧ REMOVE EXISTING AIR DUCT CONTROL DAMPER AND SALVAGE TO REINSTALL IN NEW CEILING AS SHOWN ON DRAWING M02.10.

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

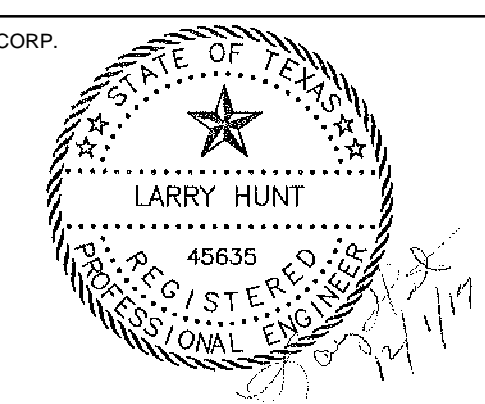
Gensler
Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TBP# FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

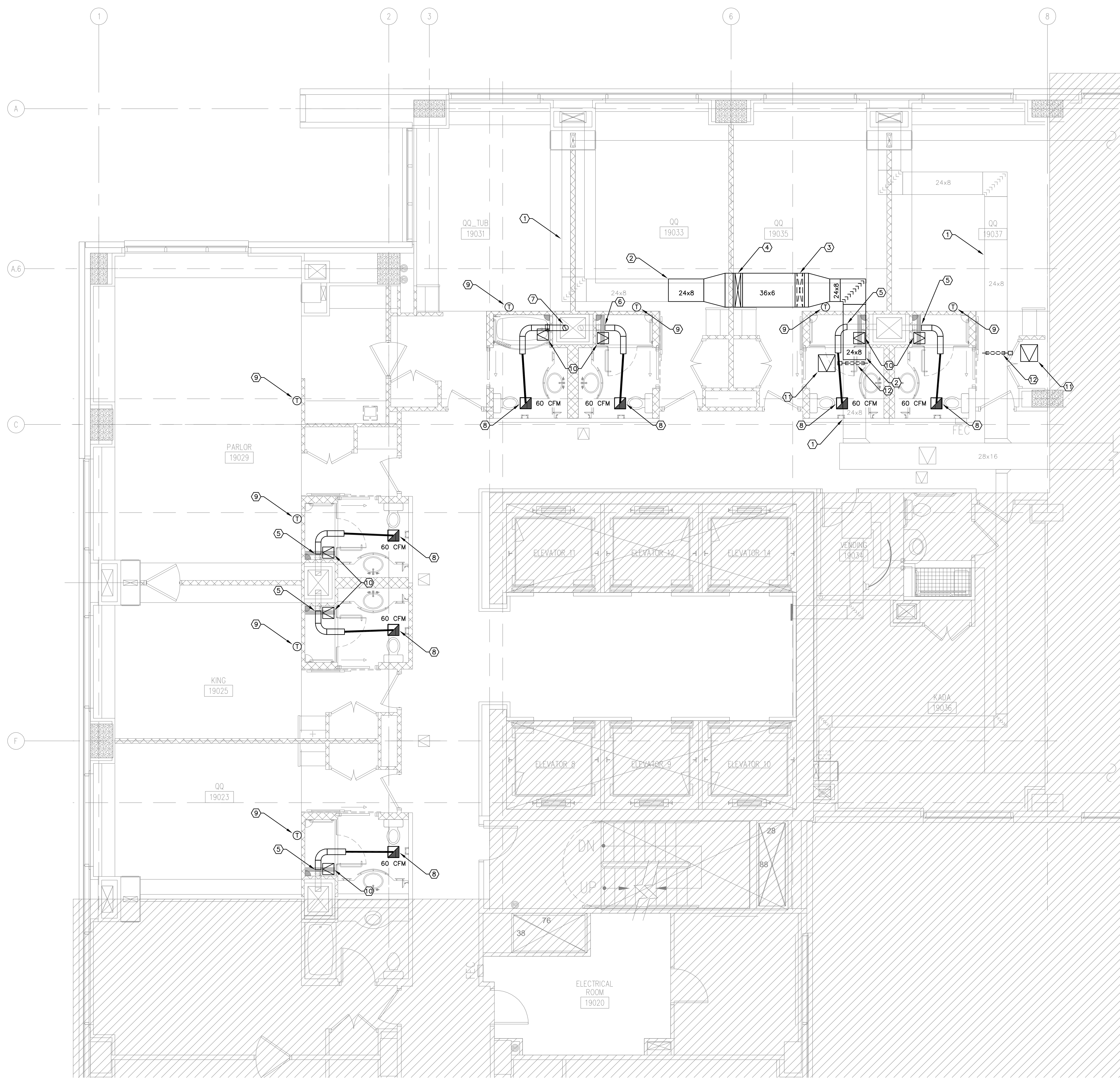
Project Number
02.8339.000

Description
MECHANICAL FLOOR PLAN - DEMOLITION

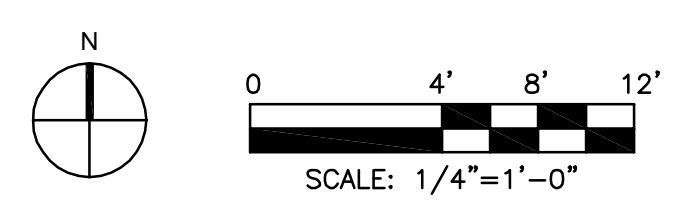
Scale
1/4"=1'-0"

M02.00

© 2017 Gensler



1 LEVEL 19 - MECHANICAL FLOOR PLAN - FINAL
SCALE: 1/4"=1'-0"



GENERAL NOTES

1. CONTRACTOR SHALL CONFIRM ALL DUCT ROUTING PRIOR TO BEGINNING DEMOLITION WORK. INFORM ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWING AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.
2. ALL EXISTING SUPPLY AIR DIFFUSERS, RETURN AIR GRILLES AND DUCTWORK IN REMODEL AREA SHALL REMAIN IN SERVICE UNLESS OTHERWISE NOTED.

KEYED NOTES

- 1 EXISTING DUCTWORK TO REMAIN AS SHOWN.
- 2 CONNECT NEW 24x8 DUCT TO EXISTING 24x8 DUCT AS SHOWN.
- 3 PROVIDE NEW DUCT TRANSITION TO 36x6 DUCT AND DROP TO BELOW LOWER BEAM AS SHOWN.
- 4 ROUTE NEW 36x6 DUCT UP AFTER PASSING LOWER BEAM, THEN TRANSITION TO 24x8 DUCT.
- 5 CONNECT NEW 6x4 EXHAUST DUCT TO EXISTING 6x4 EXHAUST DUCT AS SHOWN.
- 6 CONNECT NEW 6" EXHAUST DUCT TO EXISTING 6" EXHAUST DUCT AS SHOWN.
- 7 ROUTE NEW 6" EXHAUST DUCT UP IN CHASE WITH DAMPER TO MATCH EXISTING 6" EXHAUST DUCT.
- 8 PROVIDE NEW EXHAUST GRILLE TO MATCH EXISTING EXHAUST GRILLES IN OTHER GUESTROOMS. ADJUST DAMPER TO PROVIDE 60 CFM. FINISH TO MATCH SURROUNDING CEILING FINISH, COORDINATE WITH ARCHITECT.
- 9 PROVIDE NEW THERMOSTAT TO MATCH EXISTING THERMOSTATS. EXTEND WIRING AS REQUIRED. FINISH TO MATCH SURROUNDING WALL FINISH, COORDINATE WITH ARCHITECT.
- 10 PROVIDE NEW 12x12 ACCESS PANEL FOR EXHAUST DAMPER. FINISH TO MATCH SURROUNDING CEILING FINISH, COORDINATE WITH ARCHITECT.
- 11 PROVIDE NEW 18x18 ACCESS PANEL FOR CONTROL PANEL. FINISH TO MATCH SURROUNDING CEILING FINISH, COORDINATE WITH ARCHITECT.
- 12 REINSTALLED EXISTING AIR DUCT CONTROL DAMPER, RECONNECT TO ALL ASSOCIATED EXISTING WIRES. EXTEND WIRING AS REQUIRED, FOR A COMPLETE AND OPERATING SYSTEM.

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

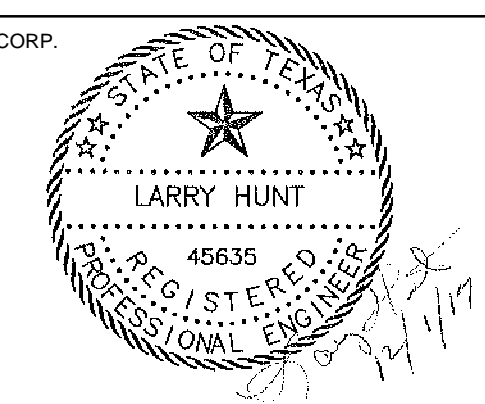
Gensler
Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
1	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TBP# FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
MECHANICAL FLOOR PLAN - FINAL

Scale
1/4"=1'-0"

M02.10

© 2017 Gensler

ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	2'x4' LED LIGHT FIXTURE. SUBSCRIPT "A" DENOTES FIXTURE TYPE. "E" DENOTES EMERGENCY FIXTURE.		DISCONNECT SWITCH.
	2'x4' LED LIGHT FIXTURE. SUBSCRIPT "E" DENOTES FIXTURE TYPE. "A" DENOTES EMERGENCY FIXTURE.		MAGNETIC MOTOR STARTER.
	LED LIGHT FIXTURE. SUBSCRIPT "F" DENOTES FIXTURE TYPE.		COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH.
	COMPACT LED LIGHT FIXTURE. SUBSCRIPT "A" DENOTES FIXTURE TYPE. "N" DENOTES UNSWITCHED NIGHT LIGHT.		MOTOR.
	EXIT LIGHT FIXTURE. ALPHA SUBSCRIPT DENOTES FIXTURE TYPE. PROVIDE DIRECTION ARROWS AS SHOWN ON THE DRAWINGS.		TRANSIENT VOLTAGE SURGE SUPPRESSOR.
	FLOOD LIGHT FIXTURE. SUBSCRIPT "L" DENOTES FIXTURE TYPE.		CONDUIT ROUTED CONCEALED.
	SINGLE POLE SWITCH WITH STAINLESS STEEL COVER PLATE, UNLESS OTHERWISE NOTED.		CONDUIT ROUTED EXPOSED.
	THREE-WAY SWITCH WITH STAINLESS STEEL COVER PLATE, UNLESS OTHERWISE NOTED.		CONDUIT ROUTED UNDERGROUND.
	DIMMER SWITCH RATED 1000 WATTS MINIMUM WHEN MOUNTED IN GANG CONFIGURATION SHOWN ON DRAWINGS WITH STAINLESS STEEL COVER PLATE.		HOMERUN TO PANEL. SUBSCRIPT DENOTES PANEL AND CIRCUIT NUMBER. SHORT HASH MARK INDICATES HOT WIRE OR SWITCHLEG, LONG HASH MARK INDICATES NEUTRAL, CURVED HASH MARK INDICATES GROUND WIRE.
	SINGLE POLE SWITCH WITH WEATHERPROOF ENCLOSURE AND STAINLESS STEEL COVER PLATE, UNLESS OTHERWISE NOTED.		PARTIAL HOMERUN.
	THREE-WAY SWITCH WITH WEATHERPROOF ENCLOSURE.		DISTRIBUTION PANEL.
	WALL MOUNTED SENSOR SWITCH NO. WSX PNT OCCUPANCY SENSOR WITH S.S. COVER, UNLESS NOTED OTHERWISE. MOUNTED 48" AFF TO CENTER OF OUTLET BOX.		LIGHTING & RECEPTACLE PANELBOARD.
	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER, PROVIDED WITH PROPERLY RATED THERMAL ELEMENT.		TRANSFORMER.
	SAME AS ABOVE WITH WEATHERPROOF ENCLOSURE.		GROUND.
	WALL MOUNTED MOTION DETECTOR SWITCH.		DISCONNECT SWITCH.
	CEILING MOUNTED OCCUPANCY SENSOR. SENSOR SWITCH NO. CM PNT 10 OR CMR PNT 10. SENSOR SWITCH NO. CM PNT 10 SHALL BE PROVIDED WITH PP20 POWER PACK.		MOLDED CASE CIRCUIT BREAKER.
	POWER PACK MOUNTED ABOVE CEILING ON J-BOX FOR POWER TO CEILING SENSORS. POWER PACK SHALL BE SENSOR SWITCH NO. PP20, UNLESS NOTED OTHERWISE.		LIGHTING CONTACTOR.
	DUPLEX RECEPTACLE MOUNTED 18" ABOVE FINISH FLOOR 20A-125V-2P-3W, UNLESS NOTED OTHERWISE. SUBSCRIPT DENOTES CIRCUIT NUMBER.		IRRIGATION CONTROLLER.
	DUPLEX RECEPTACLE, SAME AS ABOVE, MOUNTED HORIZONTALLY 6" ABOVE COUNTER BACKSPASH.		DOOR LOCK POWER SUPPLY.
	DUAL GANG RECEPTACLE (QUADPLEX), SAME AS ABOVE. PROVIDE SINGLE FACEPLATE.		EXISTING.
	DUPLEX RECEPTACLE, SAME AS ABOVE, WITH WEATHERPROOF ENCLOSURE, EQUAL TO TAYMAC #10150.		NEW.
	DUPLEX RECEPTACLE, SAME AS ABOVE, WITH GROUND FAULT CIRCUIT INTERRUPTER.		RELOCATED.
	DUPLEX RECEPTACLE MOUNTED 18" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE, ON DEDICATED CIRCUIT, NEMA-5-20R.		FUTURE.
	SINGLE RECEPTACLE MOUNTED 18" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE, ON DEDICATED CIRCUIT.		GFCI GROUND FAULT CIRCUIT INTERRUPTER.
	SPECIAL RECEPTACLE AS NOTED ON FLOOR PLANS.		WEATHERPROOF.
	FLOOR MOUNTED DUPLEX RECEPTACLE.		VFD VARIABLE FREQUENCY DRIVE.
	FLOOR MOUNTED QUADRUPLE RECEPTACLE.		TRANSFORMER.
	COMBINATION POWER AND DATA RACEWAY.		ABOVE FINISHED FLOOR (REFERS TO CENTER OF DEVICE).
	JUNCTION BOX.		INDICATES MOUNTING HEIGHT WHEN OTHER THAN STANDARD.
	FLOOR MOUNTED JUNCTION BOX.		GROUND.
	FLUSH MOUNTED COMBINATION POWER AND DATA FLOOR BOX WITH QUAD RECEPTACLE, DATA RECEPTACLES AND CAT 6 CABLING.		CONDUIT.
	FLUSH MOUNTED COMBINATION JUNCTION BOX AND DATA/COMMUNICATION FLOOR BOX.		NOT FUSED.
	COMMUNICATIONS OUTLET WITH CONDUIT AND PULL CABLE.		FULL LOAD AMPS.
	DATA OUTLET WITH CONDUIT AND PULL CABLE.		CEILING.
	DOUBLE DATA/COMMUNICATIONS OUTLET, SAME AS ABOVE.		LIGHTING.
	FLOOR MOUNTED DATA OUTLET.		FLOW SWITCH (PLUMBING).
	CABLE TV OUTLET.		TAMPER SWITCH (PLUMBING).
	CEILING MOUNTED DATA/WIRELESS INTERNET HUB.		EMERGENCY LIGHT ON GENERATOR.
	FIRE ALARM CONTROL PANEL.		EMERGENCY LIGHT WITH BATTERY BACK-UP.
	ADDRESSABLE SMOKE DETECTOR.		12"x6"x22"x24" CONCRETE PULL BOX WITH C.I. TRAFFIC COVER MARKED ELECTRIC, OLDCASTLE PRECAST N1680X.
	STROBE, WHERE "X" INDICATES CANDELA RATING.		PHOTO CELL, SWIVEL MOUNT, 277V INTERMATIC #K4236C OR K4223C.
			POWER EXTENDER, LEVITON #PE200-70W.

NOTE: 1. ALL SYMBOLS MAY NOT BE USED.
2. EXISTING DEVICES AND MATERIALS ARE SHOWN SCREENED AND NEW DEVICES SHOWN DARK ON PLANS.

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER AND CATALOG NUMBER	DESCRIPTION	VOLTAGE	LAMPS	MOUNTING	REMARKS
A	TECH LIGHTING, LLC FINCH FLOAT FLUSH MOUNT CEILING 700FMINF RZ-LED830 (OWNER PROVIDED)	12"ø x 3.6" H LED FLUSH MOUNT CEILING FIXTURE WITH EDGE LIGHTING, ANTIQUE BRONZE FINISH AND ALL MOUNTING HARDWARE.	120	LED/3000K (30W)	SURFACE	UL LISTED
A1	TECH LIGHTING, LLC FINCH FLOAT FLUSH MOUNT CEILING 700FMINF RS-LED830 (OWNER PROVIDED)	12"ø x 3.6" H LED FLUSH MOUNT CEILING FIXTURE WITH EDGE LIGHTING, SATIN NICKEL FINISH AND ALL MOUNTING HARDWARE.	120	LED/3000K (30W)	SURFACE	UL LISTED
B	ULTRALIGHTS ARCHITECTURAL LIGHTING, INC. MODELLI 15327-BA-0A-04-120V-3000K (OWNER PROVIDED)	14.75" W x 14.5" H x 4" D LED WALL SCONCE WITH OPAL ACRYLIC DIFFUSER, BRONZE AGE FINISH AND ALL MOUNTING HARDWARE.	120	LED/3000K (6W)	SURFACE	UL LISTED
B1	ULTRALIGHTS ARCHITECTURAL LIGHTING, INC. MODELLI 15323-SS-0A-04-120V-3000K (OWNER PROVIDED)	14.75" W x 20" H x 4" D LED WALL SCONCE WITH OPAL ACRYLIC DIFFUSER, SMOKED SILVER FINISH AND ALL MOUNTING HARDWARE.	120	LED/3000K (6W)	SURFACE	UL LISTED
B2	ULTRALIGHTS ARCHITECTURAL LIGHTING, INC. MODELLI 15325-SS-0A-04-120V-3000K (OWNER PROVIDED)	14.75" W x 20" H x 4" D LED WALL SCONCE WITH OPAL ACRYLIC DIFFUSER, SMOKED SILVER FINISH AND ALL MOUNTING HARDWARE.	120	LED/3000K (6W)	SURFACE	UL LISTED
C	HALLMARK LIGHTING 8901-218 (OWNER PROVIDED)	5" W x 15.5" H WALL SCONCE WITH 7" W x 13.5" H x 4" D TEXTURED CLEAR FROSTED ACRYLIC SHADE, ON/OFF TOGGLE SWITCH ON BACKPLATE, BRONZE FINISH AND ALL MOUNTING HARDWARE.	120	LED/2700K (15W)	SURFACE	UL LISTED
D	ULTRALIGHTS ARCHITECTURAL LIGHTING, INC. STRATA 17375-24-CB-0A-04-120V (OWNER PROVIDED)	24"ø x 3" H x 22"-96" ADJUSTABLE OAH LED CHANDELIER WITH OPAL ACRYLIC TOP AND BOTTOM DIFFUSERS, CAST BRONZE FINISH AND ALL MOUNTING HARDWARE.	120	LED/3000K (36W)	SUSPENDED	UL LISTED
E	SONNEMAN - A WAY OF LIGHT OFFSET COLLECTION 2729.98 (OWNER PROVIDED)	15.75"ø x 2.5" H LED DIRECT AND INDIRECT FIXTURE WITH ALUMINUM SHADE, TEXTURED WHITE FINISH AND ALL MOUNTING HARDWARE.	120	LED/3000K (30W)	SURFACE	UL LISTED
F	BOYD LIGHTING CATAOS CEILING 10218 (OWNER PROVIDED)	24"ø x 9.25" H CEILING FIXTURE WITH 7" H TEXTURED BONE WHITE SHADE, GLOSS WHITE ACRYLIC INTERIOR BOTTOM DIFFUSER, SATIN NICKEL FINISH AND ALL MOUNTING HARDWARE.	120	4-CFTR26W / GX24q (26W)	SURFACE	UL LISTED, DAMP LOCATIONS

NOTES:
1. CONTRACTOR TO VERIFY CEILING IS COMPATIBLE WITH FIXTURE MOUNTING.
2. CONTRACTOR TO INFORM ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS BEFORE ORDERING FIXTURES.
3. CONTRACTOR TO VERIFY FINISHES AND PENDANT LENGTHS WITH ARCHITECT BEFORE ORDERING FIXTURES.
4. CONTRACTOR TO SUPPLY ALL MOUNTING HARDWARE, LEADER CABLES, SUSPENSIONS, ETC. TO COMPLETE SYSTEM.

DRAWING INDEX

E00.00	ELECTRICAL LEGEND, FIXTURE SCHEDULE, DRAWING INDEX & GENERAL NOTES
E02.00	ELECTRICAL LIGHTING PLAN - DEMOLITION
E02.01	ELECTRICAL POWER PLAN - DEMOLITION
E02.10	ELECTRICAL FLOOR PLAN - FINAL
E06.01	ELECTRICAL PANEL SCHEDULES, RISER DIAGRAM & DETAILS

MATERIALS

- ALL MATERIALS AND EQUIPMENT SHALL BE NEW, OF BEST GRADE OF STANDARD MANUFACTURE AND APPROVED BY UL, AND BE SO LABELED, FOR WIRE AND CABLE, MARKED AS REQUIRED BY ART. 310, NEC, AND INSTALLED BY SKILLED ELECTRICIANS, WORKING UNDER THE DIRECT SUPERVISION OF COMPETENT AND EXPERIENCED FOREMAN AND/OR SUPERINTENDENT. PRODUCTS SHALL BE INSTALLED IN A THOROUGH WORKMANLIKE MANNER, PRESENTING A NEAT, CLEAN-CUT APPEARANCE WHEN COMPLETED. ANY PART OR PARTS NOT MEETING THIS REQUIREMENT SHALL BE REPLACED OR REBUILT WITHOUT EXTRA EXPENSE TO OWNER.
- CONDUIT:** FURNISH A COMPLETE RACEWAY SYSTEM FOR BUT NOT LIMITED TO FEEDER, BRANCH CIRCUITS, CONTROL WIRING AND AUXILIARY SYSTEM WIRING. RACEWAY SYSTEMS INSTALLED SHALL BE APPROVED FOR OUTDOOR.
 - USE LIQUIDTIGHT FLEXIBLE METAL CONDUIT AND FITTINGS WHERE THE EQUIPMENT IS SUBJECT TO MOVEMENT OR LOCATED OUTDOORS.
 - USE OF EMT IS NOT PERMITTED.
 - WHERE ENTERING THE PANELS, PULL BOXES, J-BOXES OR OUTLET BOXES, RACEWAY SHALL BE SECURED IN PLACE WITH LOCK-NUTS INSIDE AND OUTSIDE, AND INSULATED BUSHING INSIDE.
 - BENDS AND OFFSETS MADE WITH APPROVED TOOLS ONLY. BENDS OR OFFSETS IN WHICH THE PIPE IS CRUSHED OR DEFORMED SHALL NOT BE INSTALLED.
 - WHERE NOT EMBEDDED IN CONCRETE OR MASONRY, RACEWAY SHALL BE FIRMLY SECURED BY APPROVED CLAMPS, STRAPS OR HANGERS.
 - USE COMPRESSION TYPE FITTINGS. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
- WIRE AND CABLE:**
 - ALL WIRE AND CABLE SHALL BE OF SOFT DRAWN, ANNEALED, COPPER HAVING A CONDUCTIVITY OF NOT LESS THAN 98% OF THAT OF PURE COPPER; UNIFORM IN CROSS SECTION AND FREE FROM FLAWS, SCALES AND OTHER IMPERFECTIONS.
 - ACCEPTABLE MANUFACTURERS: AMERICAN INSULATED WIRE CORP., TRIANGLE, GENERAL ELECTRIC, OKONITE OR ANACONDA.
 - DO NOT USE SOLID CONDUCTORS.
 - ALL WIRE AND CABLE SHALL NOT BE PULLED INTO A CONDUIT UNTIL ALL WORK WHICH MAY CAUSE INJURY IS COMPLETE, WHERE TWO (2) OR MORE CIRCUITS RUN TO A SINGLE OUTLET BOX, TAG EACH CIRCUIT.
 - ALL WIRE AND CABLE SHALL HAVE ALL STRANDED CONDUCTORS FURNISHED WITH COPPER CONNECTING LUGS, SIZED FOR THE FULL DIAMETER OF THE BARE CONDUCTORS. MAINS AND FEEDERS SHALL BE RUN THEIR ENTIRE LENGTH IN CONTINUOUS PIECES WITHOUT JOINTS OR SPLICES.
 - PROVIDE CABLE DESIGNATED AS THHN/THWN OR XHHW SINGLE CONDUCTOR TYPE AND UL 83 AND UL 1063 LISTED, RATED 600 VOLTS AND CERTIFIED FOR CONTINUOUS OPERATION AT MAXIMUM CONDUCTOR TEMPERATURE OF 90°C IN DRY LOCATIONS AND 75°C IN WET LOCATIONS WHILE INSTALLED IN UNDERGROUND DUCT, CONDUIT OR IN CONTROL PANELS (MTW).
 - PROVIDE CONDUCTORS WHICH ARE CLASS B, CONCENTRIC STRANDED, ANNEALED UNCOATED COPPER WITH PHYSICAL AND ELECTRICAL PROPERTIES COMPLYING WITH ASTM B3 AND B8 AND OF ICEA S-95-658/NEMA WC70.
 - EACH CONDUCTOR SHALL BE PVC INSULATED AND NYLON JACKETED TO MEET THE REQUIREMENTS OF ICEA S-95-658/NEMA WC70. THE INSULATION THICKNESS SHALL MATCH THE DIMENSIONS LISTED IN NEC TABLE 310.13 FOR TYPE THHN AND THWN WIRE.
 - TERMINAL LUGS AND CONNECTORS ON BUSBARS FOR ALL SIZES OF CONDUCTORS SHALL BE COMPRESSION CRIMP-ON TYPE.
- WIRING DEVICES** SHALL BE SUITABLE FOR THE USE INTENDED AND SHALL HAVE VOLTAGE AND CURRENT RATINGS ADEQUATE FOR THE LOADS TO BE SERVED.
 - MOUNTING: HEIGHTS OF ALL DEVICES ARE FROM FINISH SURFACE TO BOTTOM OF DEVICE.
 - CONVENIENCE OUTLETS: SHALL BE GROUNDING TYPE, 20 AMP, 125 VOLT, LEVITON GRAY COLOR. PROVIDE NEMA 5-20R DEVICES UNLESS OTHERWISE NOTED.
 - ACCEPTABLE MANUFACTURERS: SHALL BE HUBBELL, P&S LEVITON AND BRYANT. ONE (1) MANUFACTURER SHALL BE USED THROUGHOUT THE WORK.
 - INSTALL WIRING DEVICES AND ACCESSORIES PLUMB AND LEVEL, IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, APPLICABLE REQUIREMENTS OF NEC AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES TO FULFILL PROJECT REQUIREMENTS.
 - TIGHTEN CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S PUBLISHED TORQUE VALUES FOR WIRING DEVICES.
 - COORDINATE AS NECESSARY TO INTERFACE INSTALLATION OF WIRING DEVICES WITH OTHER WORK.
 - INSTALL WIRING DEVICES AFTER WORK IS COMPLETED. INSTALL ONLY IN ELECTRICAL BOXES THAT ARE CLEAN, FREE FROM EXCESS BUILDING MATERIALS, DIRT AND DEBRIS. INSTALL COVER PLATES AFTER ALL TESTING IS COMPLETED. COVER PLATES TO BE GRAY.
 - INSTALL RECEPTACLES WITH GROUND PIN DOWN.

GENERAL NOTES

- FURNISH ALL LABOR, MATERIAL, EQUIPMENT, TOOLS, INSURANCE, SERVICES AND PERMITS NECESSARY TO CONSTRUCT AND INSTALL A COMPLETE OPERATING ELECTRICAL SYSTEM.
- ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE 2017 (NEC) REQUIREMENTS AND ALL APPLICABLE CODES AND ORDINANCES AS REQUIRED BY THE CITY OF HOUSTON.
- CONTRACTOR SHALL OBTAIN ALL PERMITS, EXCLUDING BUILDING PERMIT AND SHALL PAY FOR ALL ASSOCIATED EXPENSES, PRINTING AND INSPECTIONS.
- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS, COORDINATE AND SCHEDULE HIS/HER WORK WITH THE ARCHITECT AND OTHER TRADES.
- UNLESS OTHERWISE NOTED, ALL MATERIAL SHALL BE NEW AND UL LISTED. MATERIAL SHALL BEAR THE APPROVAL LABEL OF UL, WHEN SUCH IS AVAILABLE.
- UNLESS OTHERWISE SHOWN, ALL BRANCH CIRCUIT WIRES SHALL BE THHN/THWN COPPER. MINIMUM WIRE SIZE SHALL BE NO. 12 AWG. FEEDERS TO PANELBOARDS SHALL BE THW COPPER.
- PROVIDE GREEN EQUIPMENT GROUNDING CONDUCTOR WITH ALL POWER, LIGHTING AND RECEPTACLE CIRCUITS. ALL ELECTRICAL CONDUITS, RACEWAYS AND CABLES SHALL HAVE A GREEN GROUND CONDUCTOR. MINIMUM SIZE SHALL BE NO. 12 AWG.
- EXACT LOCATION AND NUMBER OF LUMINAIRES, WIRING DEVICES AND OUTLET BOXES TO ELECTRICAL EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECT, STRUCTURAL ENGINEER AND EQUIPMENT VENDORS.
- TOGGLE SWITCHES SHALL BE MOUNTED AT 4'-0" AFF RECEPTACLES SHALL BE MOUNTED AT 18" AFF, UNLESS OTHERWISE NOTED.
- PROVIDE GFCI RECEPTACLES WITHIN 6'-0" OF LAVATORIES, SINKS OR ANY EQUIPMENT OR DEVICE CONNECTED TO WATER LINES.
- ALL WIRING DEVICES SHALL BE INDUSTRIAL, HEAVY-DUTY SPECIFICATION GRADE.
- ALL LIGHTING SWITCHES SHALL BE 20 AMP, 120/277 VOLT, EXCEPT SWITCHES ON 30 AMP BRANCH CIRCUITS WHICH SHALL BE 30 AMP.
- IDENTIFY EACH PANELBOARD, TRANSFORMER AND SAFETY SWITCH WITH AN ENGRAVED LAMINATED NAMEPLATE.
- ALL PANELBOARDS SHALL HAVE COPPER PHASE AND GROUND BUS AND SHALL HAVE DOOR-IN-DOOR CONSTRUCTION.
- CONTRACTORS SHALL COORDINATE CONDUIT'S ROUTING AND METHOD OF SUPPORT WITH THE ARCHITECT. ALL CONDUIT RUNS SHALL BE INSTALLED EITHER PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- CONTRACTOR SHALL VERIFY ACTUAL NAMEPLATE LOADS OF EQUIPMENT AND SHALL INSTALL THE PROPER NEC SIZE FUSE OR CIRCUIT BREAKER. HE/SHE SHALL NOTIFY THE ARCHITECT IF CHANGES IN WIRE AND RATING SIZES ARE REQUIRED.
- HOMERUNS FOR 20 AMP, 277V BRANCH CIRCUITS THAT EXCEED 200 FEET IN LENGTH SHALL BE NO. 10 AWG, UNLESS NOTED OTHERWISE.
- HOMERUNS FOR 20 AMP, 120V BRANCH CIRCUITS THAT EXCEED 100 FEET IN LENGTH SHALL BE NO. 10 AWG, UNLESS NOTED OTHERWISE.
- OUTLET BOXES: SHALL BE GALVANIZED STEEL SUITABLE FOR THE LOCATION. WALL OUTLET BOXES SHALL BE 4-INCH SQUARE WITH RAISED COVER OF PROPER DEPTH TO ACCOMMODATE THE DEVICES REQUIRED. OUTLET SHALL BE LABELED WITH PANEL NO. AND CIRCUIT NO.
- ALL PENETRATIONS THROUGH FIRE RATED FLOORS AND WALLS SHALL BE SEALED WITH CHASE-FOAM, CTC PR-855 FIRE RESISTANT FOAM SEALANT TO PREVENT THE SPREAD OF SMOKE, FIRE, TOXIC GAS OR WATER THROUGH THE PENETRATION. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL ALSO BE SLEEVED.
- THE FIRE RATING OF THE PENETRATION SEAL SHALL BE AT LEAST THAT OF THE FLOOR OR WALL INTO WHICH IT IS INSTALLED, SO THAT THE ORIGINAL FIRE RATING OF THE FLOOR OR WALL IS MAINTAINED AS REQUIRED BY ARTICLE 300.21 OF THE NEC.
- CONTROL CIRCUIT WIRING SIZE SHALL BE A MINIMUM OF NO. 14 AWG.
- SEE MECHANICAL DRAWINGS FOR LOCATION OF EQUIPMENT SUCH AS PUMPS, FANS, ELECTRIC HEATERS, DAMPERS, VAV BOXES, TERMINAL BOXES, CONTROL VALVES AND OTHER CONTROL DEVICES.
- CONNECT ALL EQUIPMENT, PROVIDE NECESSARY CIRCUITS AND CONTROLS EVEN WHEN NOT INDICATED ON ELECTRICAL DRAWINGS.
- PROVIDE SAFETY SWITCHES FOR ALL MOTORS AND A/C EQUIPMENT AS REQUIRED BY NEC ARTICLE 430.102.B. OUTDOOR SWITCHES SHALL BE NEMA 4X.
- ALL MOTORS SHALL BE PROVIDED WITH MOTOR STARTERS. STARTERS SHALL BE NEMA SIZE 1, MINIMUM. OVERLOAD RELAY SHALL BE SOLID STATE.
- ELECTRICAL MATERIALS MAY BE FURNISHED BY DIVISION 15 MECHANICAL SUB-CONTRACTOR FOR INSTALLATION BY DIVISION 16 ELECTRICAL CONTRACTOR. CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH ALL TRADES TO PROVIDE A COMPLETE OPERATING SYSTEM.
- COMPLETE TYPED "AS BUILT" PANEL'S DIRECTORIES SHALL BE INSERTED IN PANELBOARD'S POCKET UPON COMPLETION OF WORK.
- ALL EXPOSED CONDUIT BELOW 8'-0" AFF SHALL BE RIGID GALVANIZED STEEL.
- OUTLET DEVICE BOXES AND CONDUIT IN MECHANICAL AND ELECTRICAL ROOMS SHALL BE INSTALLED EXPOSED.
- INSTALL ALL FIRE ALARM STROBES AT 80 INCHES CENTER LENS, NOT CENTER OF DEVICE, ABOVE FINISHED FLOOR.
- EXIT LIGHTS SHALL NOT BE CONNECTED TO A SWITCHED CIRCUIT.
- MULTIPLE SWITCHES SHALL BE IN MULTIPLE GANG BOXES WITH COMMON COVER PLATE.
- AT COMPLETION OF WORK, PROVIDE OWNER WITH A SET OF RECORD DRAWINGS.

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Genzler

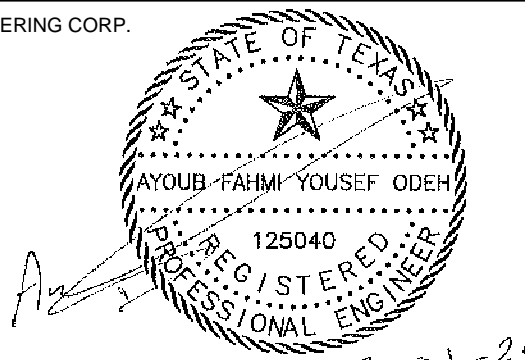
Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T+1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TYPE FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION-19TH FLOOR

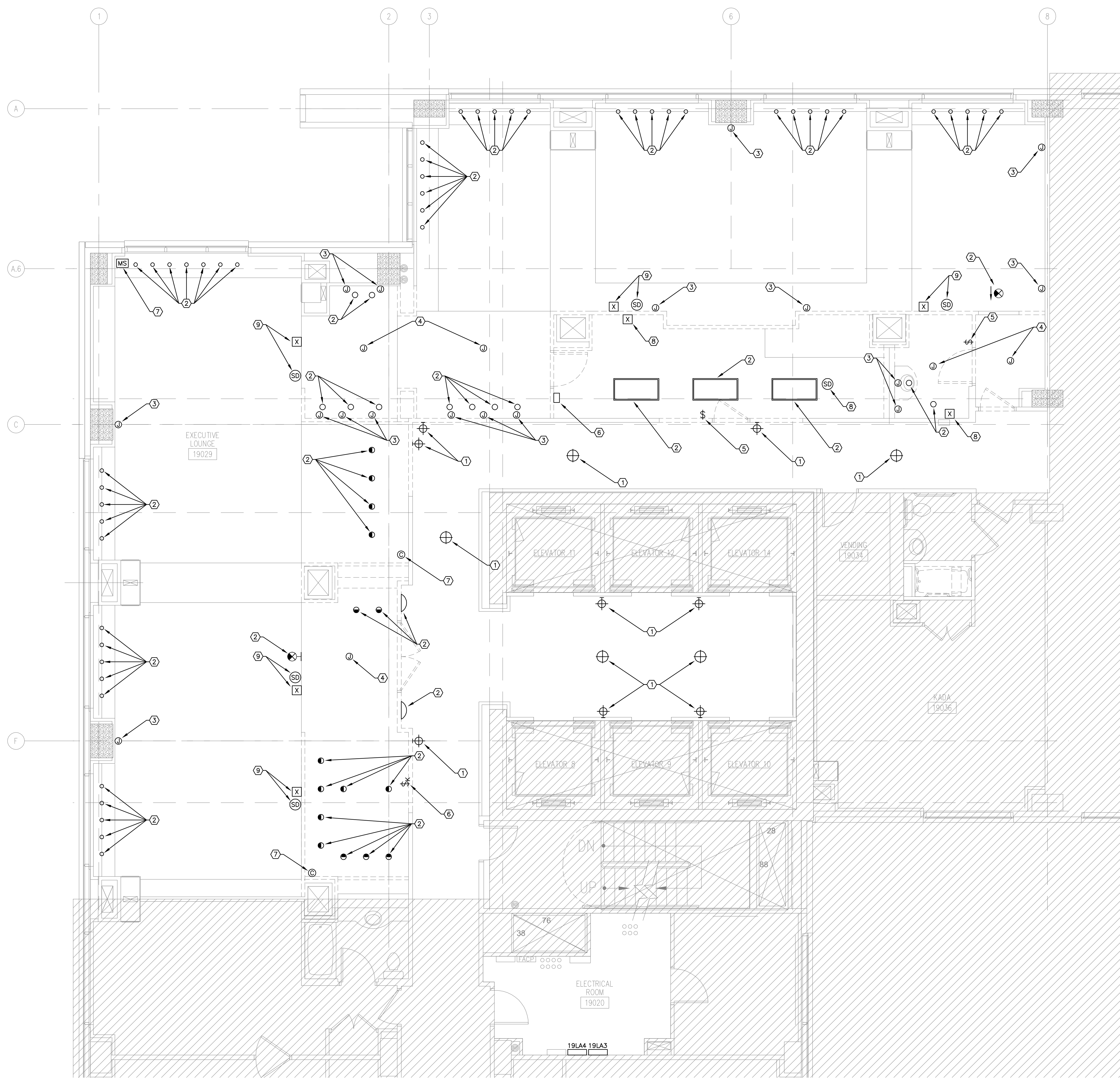
Project Number
02.8339.000

Description
ELECTRICAL LEGEND, FIXTURE SCHEDULE, DRAWING INDEX & GENERAL NOTES

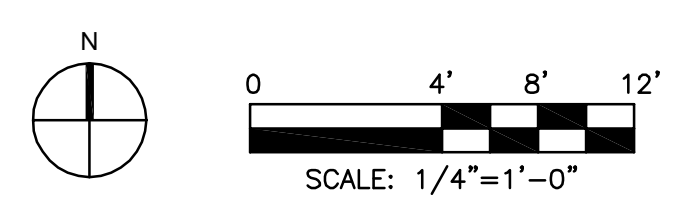
Scale
NONE

E00.00

© 2017 Genzler



1 LEVEL 19 - ELECTRICAL LIGHTING PLAN - DEMOLITION
SCALE: 1/4"=1'-0"



GENERAL NOTES

1. INFORM ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWING AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.
2. ALL REMOVED LIGHT FIXTURES IN REMODELED AREA SHALL BE SALVAGED AND RETURNED TO OWNER.
3. CONTRACTOR SHALL MAINTAIN SUFFICIENT LIGHTING IN REMODEL AREA FOR CONSTRUCTION ACTIVITIES AT ALL TIMES.
4. UNLESS OTHERWISE NOTED, ALL EXISTING LIGHT FIXTURES SHALL REMAIN IN SERVICE. CIRCUITS SHALL BE PROTECTED AND EXTENDED AS REQUIRED.
5. CONTRACTOR SHALL RETAIN LUTRON TO UPDATE DATABASE AND REPROGRAM LIGHTING CONTROL SYSTEM.
6. UNLESS OTHERWISE NOTED, ALL EXISTING FIRE ALARM DEVICES SHALL REMAIN.

DEMOLITION NOTES

1. EXISTING LIGHT FIXTURE TO BE REMOVED, SALVAGED AND RETURNED TO OWNER. REUSE EXISTING JUNCTION BOX FOR NEW LIGHT FIXTURE. CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUIT(S) PRIOR TO DEMOLITION.
2. EXISTING LIGHT FIXTURE TO BE REMOVED, SALVAGED AND RETURNED TO OWNER. PULL CONDUIT AND WIRING BACK TO PANEL OR FIRST ACTIVE JUNCTION BOX TO REMAIN.
3. EXISTING LIGHT FIXTURE JUNCTION BOX TO BE REMOVED. PULL CONDUIT AND WIRING BACK TO PANEL OR FIRST ACTIVE JUNCTION BOX TO REMAIN.
4. EXISTING LIGHT FIXTURE JUNCTION BOX TO BE REUSED FOR NEW LIGHT FIXTURE.
5. EXISTING LIGHT SWITCH TO BE REMOVED, SALVAGED AND RETURNED TO OWNER. PULL CONDUIT AND WIRING BACK TO PANEL OR FIRST ACTIVE JUNCTION BOX TO REMAIN.
6. EXISTING LUTRON LIGHTING CONTROL SYSTEM PROGRAMMER PORT OR KEYED DIMMING SWITCH TO BE REMOVED, SALVAGED AND RETURNED TO OWNER. COORDINATE ALL WORK WITH LUTRON REPRESENTATIVE.
7. EXISTING MOTION SENSOR, SECURITY CAMERA AND OTHER SECURITY DEVICES TO BE REMOVED BY OWNER. ELECTRICAL CONTRACTOR SHALL PROVIDE SUPPORT AND COORDINATE ALL WORK WITH OWNER.
8. EXISTING FIRE ALARM SMOKE DETECTOR OR STROBE TO BE REMOVED, SALVAGED AND RETURNED TO OWNER.
9. EXISTING FIRE ALARM SMOKE DETECTOR OR STROBE TO BE REMOVED AND REINSTALLED IN NEW SOFFIT OR WALL.

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

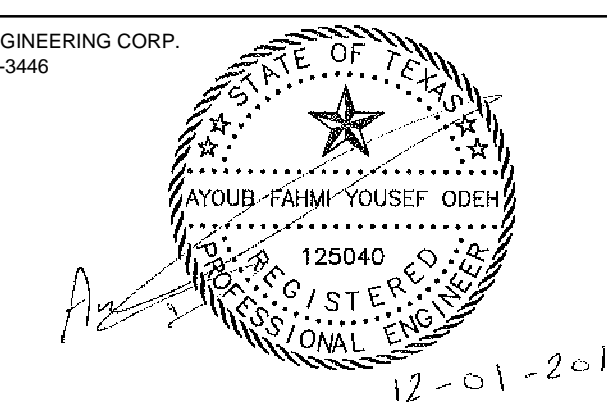
Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TBP# FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
ELECTRICAL LIGHTING PLAN - DEMOLITION

Scale
1/4"=1'-0"

E02.00

© 2017 Gensler

GENERAL NOTES

1. INFORM ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWING AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

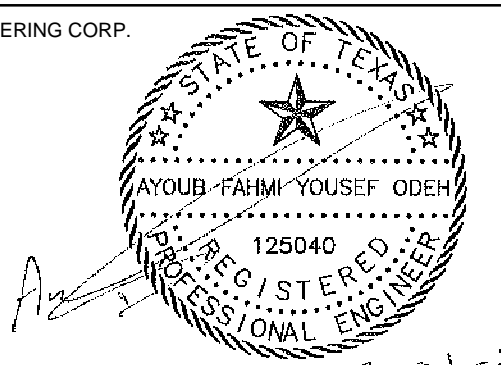
OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

DEMOLITION NOTES

1. EXISTING RECEPTACLE TO BE REMOVED. PULL CONDUIT AND WIRING BACK TO PANEL OR FIRST ACTIVE JUNCTION BOX TO REMAIN.
2. EXISTING JUNCTION BOX TO BE REMOVED. PULL CONDUIT AND WIRING BACK TO PANEL OR FIRST ACTIVE JUNCTION BOX TO REMAIN.
3. EXISTING FLOOR MOUNTED RECEPTACLE AND/OR DATA OUTLET TO BE REMOVED. COVER OPENING WITH PLATE AND PULL WIRING BACK TO PANEL OR FIRST ACTIVE JUNCTION BOX TO REMAIN.
4. EXISTING COMMUNICATION AND/OR DATA OUTLET TO BE REMOVED.
5. EXISTING RECEPTACLE TO BE REMOVED AND SERVICE RELOCATED AS SHOWN ON DRAWING E02.10. CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUITS PRIOR TO DEMOLITION.
6. EXISTING RECEPTACLE AND WIRING TO REMAIN IN SERVICE. ADJUST AS REQUIRED TO ACCOMMODATE RENOVATION.

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TBP# FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
ELECTRICAL POWER PLAN - DEMOLITION

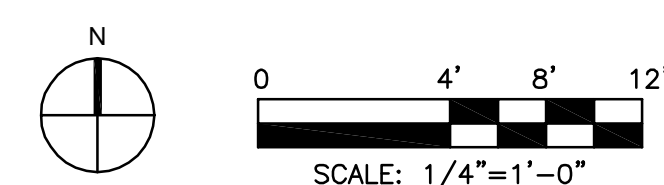
Scale
1/4"=1'-0"

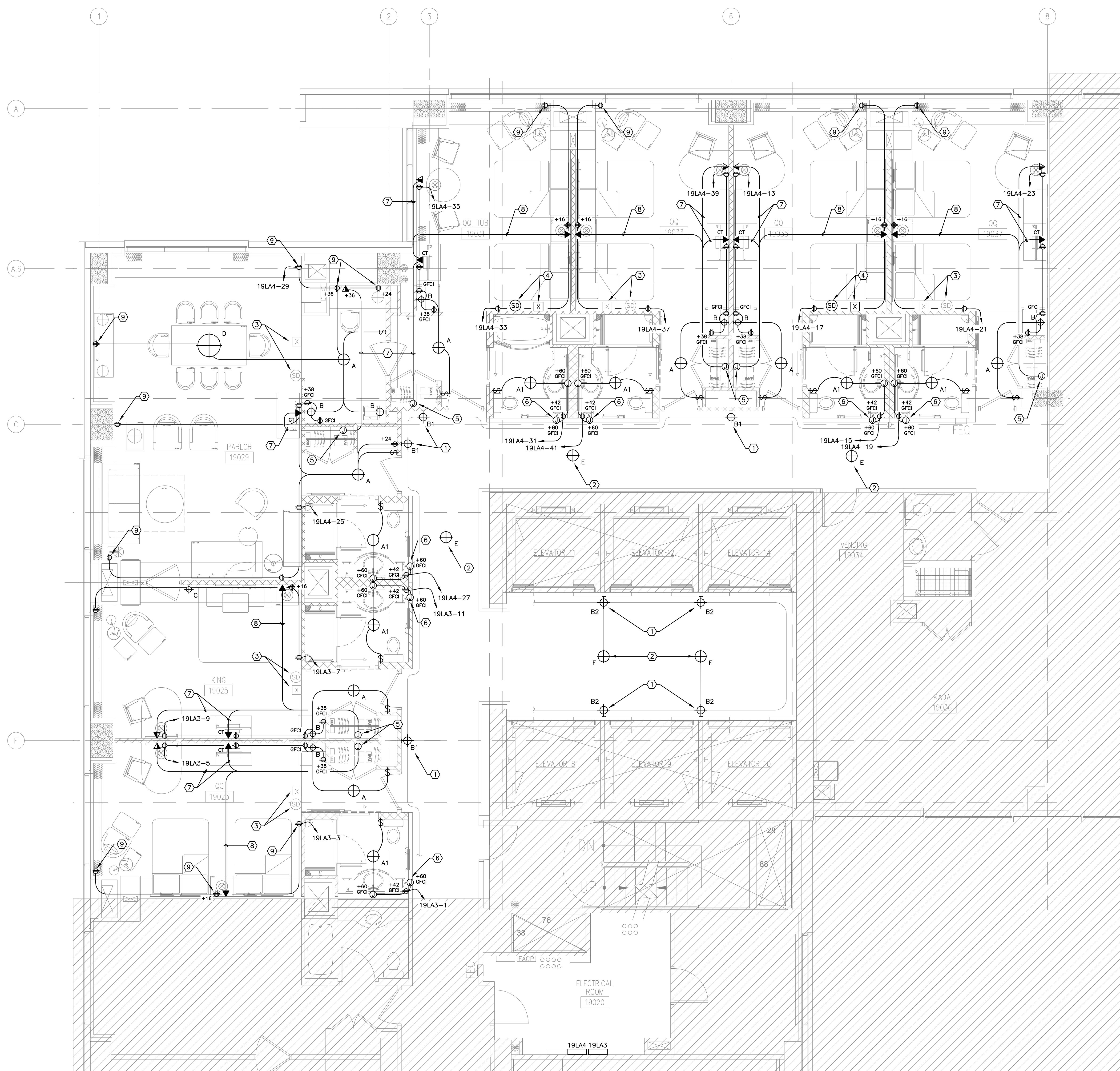
E02.01

© 2017 Gensler

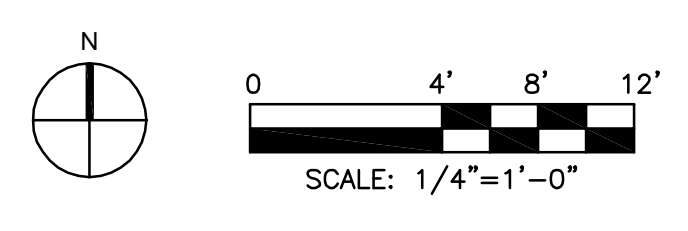


1 LEVEL 19 - ELECTRICAL POWER PLAN - DEMOLITION
SCALE: 1/4"=1'-0"





1 LEVEL 19 - ELECTRICAL FLOOR PLAN - FINAL
SCALE: 1/4"=1'-0"



GENERAL NOTES

1. INFORM ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWING AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.
2. CONTRACTOR SHALL MAINTAIN SUFFICIENT LIGHTING IN REMODEL AREA FOR CONSTRUCTION ACTIVITIES AT ALL TIMES.
3. UNLESS OTHERWISE NOTED, ALL EXISTING LIGHT FIXTURES SHALL REMAIN IN SERVICE. CIRCUITS SHALL BE PROTECTED AND EXTENDED AS REQUIRED.
4. CONTRACTOR SHALL RETAIN LUTRON TO UPDATE DATABASE AND REPROGRAM LIGHTING CONTROL SYSTEM, AS REQUIRED.
5. ALL DEVICES (RECEPTACLES, SWITCHES, ETC.) LOCATED ABOVE COUNTERS SHALL BE LOCATED PER ARCHITECT'S DIRECTION.
6. ALL NEW FIRE ALARM DEVICES SHALL BE OF THE SAME QUALITY AS THE EXISTING DEVICES.

KEYED NOTES

1. INSTALL OWNER PROVIDED WALL SCONCE AS SPECIFIED AND CONNECT TO EXISTING CIRCUIT.
2. INSTALL OWNER PROVIDED CEILING MOUNT FIXTURE AS SPECIFIED AND CONNECT TO EXISTING CIRCUIT.
3. REINSTALL EXISTING FIRE ALARM SMOKE DETECTOR OR STROBE IN NEW SOFFIT OR WALL.
4. PROVIDE FIRE ALARM SMOKE DETECTOR OR STROBE AND EXTEND EXISTING FIRE ALARM SYSTEM TO MAINTAIN PROPER COVERAGE AND CODE REQUIREMENTS. CONTRACTOR SHALL RETAIN SIMPLEX GRINNELL TO MAKE ALL MODIFICATIONS TO EXISTING SYSTEM.
5. PROVIDE JUNCTION BOX FOR TELECOM.
6. PROVIDE JUNCTION BOX FOR HARDWARE CONNECTION TO ELECTRIC SHAVING MIRROR. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH ARCHITECT AND FURNITURE, FIXTURES & EQUIPMENT CONTRACTOR.
7. PROVIDE 1" TO DATA/COMMUNICATIONS AND CABLE TV OUTLET.
8. PROVIDE 1/2" TO COMMUNICATIONS OUTLET.
9. RELOCATED RECEPTACLE, COORDINATE EXACT LOCATION WITH ARCHITECT.

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler
Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T+1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
12.01.2017	ISSUE FOR PERMIT	

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TYPE FIRM NO. F-3446

Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
ELECTRICAL FLOOR PLAN - FINAL

Scale
1/4"=1'-0"

E02.10

© 2017 Gensler

EXISTING PANEL "19LA3"													
BUS AMPS: 225 MAIN BRKR. AMPS: 150 VOLTAGE: 120/208 PHASE: 3 WIRE: 4				MLO: _____ WIRE SIZE: _____ AIC: _____ SN: _____				BRANCHES: 20A/1P UNLESS OTHERWISE NOTED				MOUNTING: RECESSED ENCLOSURE TYPE: NEMA 1 MODEL: GE INDUSTRIAL	
CKT	SERVES	WATTS/ VA	BREAKER POLE/AMP	THWN WIRE	COPPER COND	THWN COND	COPPER WIRE	BREAKER AMP/POLE	WATTS/ VA	SERVES	CKT		
1	ROOM 19023 - BATHROOM	316	1 20	12	-	-	12 20	1	1260	ROOM 19043 - CIRCUIT #L2	2		
3	ROOM 19023 - BEDROOM (SOUTH WALL)	720	1 20	12	-	-	12 20	1	1300	ROOM 19043 - CIRCUIT #L3	4		
5	ROOM 19023 - BEDROOM (NORTH WALL)	758	1 20	12	-	-	12 20	1	1260	ROOM 19043 - CIRCUIT #L1	6		
7	ROOM 19025 - BEDROOM (NORTH WALL)	735	1 20	12	-	-	12 20	1	1300	ROOM 19045 - CIRCUIT #L3	8		
9	ROOM 19025 - BEDROOM (SOUTH WALL)	758	1 20	12	-	-	12 20	1	1260	ROOM 19045 - CIRCUIT #L1	10		
11	ROOM 19025 - BATHROOM	316	1 20	12	-	-	12 20	1	1260	ROOM 19045 - CIRCUIT #L2	12		
13	SPARE		1 20			-	12 20	1	1260	ROOM 19047 - CIRCUIT #L1	14		
15	SPARE		1 20			-	12 20	1	1260	ROOM 19047 - CIRCUIT #L2	16		
17	SPARE		1 20			-	12 20	1	1300	ROOM 19047 - CIRCUIT #L3	18		
19	SPARE		1 20			-	12 20	1	1260	ROOM 19049 - CIRCUIT #L2	20		
21	SPARE		1 20			-	12 20	1	1300	ROOM 19049 - CIRCUIT #L3	22		
23	SPARE		1 20			-	12 20	1	1260	ROOM 19049 - CIRCUIT #L1	24		
25	SPARE		1 20			-	12 20	1	1300	ROOM 19051 - CIRCUIT #L3	26		
27	SPARE		1 20			-	12 20	1	1260	ROOM 19051 - CIRCUIT #L1	28		
29	SPARE		1 20			-	12 20	1	1260	ROOM 19051 - CIRCUIT #L2	30		
31	ROOM 19039 - CIRCUIT #L3	1300	1 20	12	-	-	12 20	1	1260	ROOM 19053 - CIRCUIT #L1	32		
33	ROOM 19039 - CIRCUIT #L1	1260	1 20	12	-	-	12 20	1	1260	ROOM 19053 - CIRCUIT #L2	34		
35	ROOM 19039 - CIRCUIT #L2	640	1 20	12	-	-	12 20	1	1300	ROOM 19053 - CIRCUIT #L3	36		
37	ROOM 19041 - CIRCUIT #L1	1260	1 20	12	-	-	20	1		SPARE	38		
39	ROOM 19041 - CIRCUIT #L2	1260	1 20	12	-	-	20	1	360	QUAD RECPT.	40		
41	ROOM 19041 - CIRCUIT #L3	1300	1 20	12	-	-				SPACE	42		

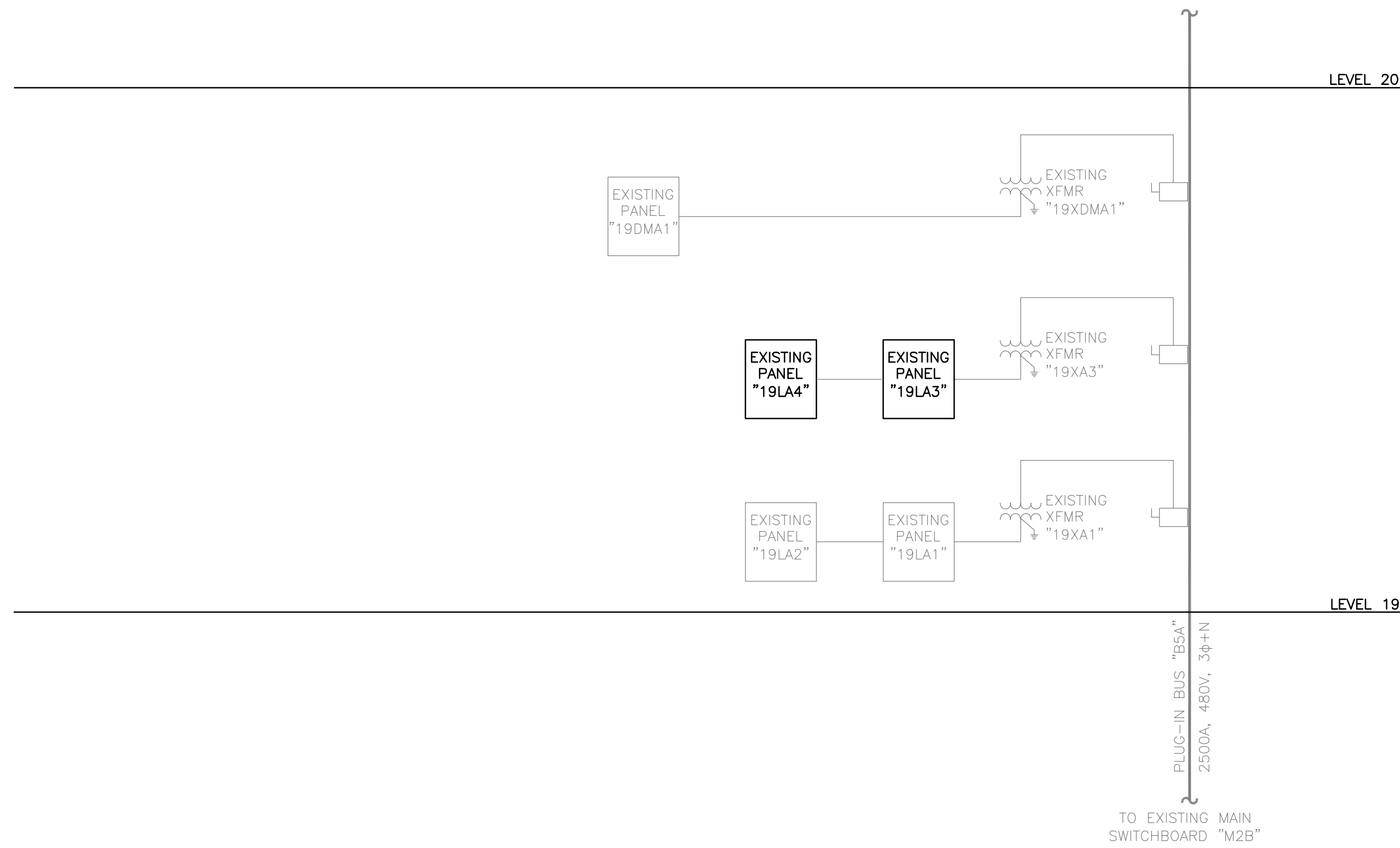
PHASE A: 11,251 VA
PHASE B: 11,998 VA
PHASE C: 10,654 VA
TOTAL: 33,903 VA*

* - TOTAL LOAD ON PANEL "19LA3" DECREASED APPROXIMATELY 0.9 KVA.

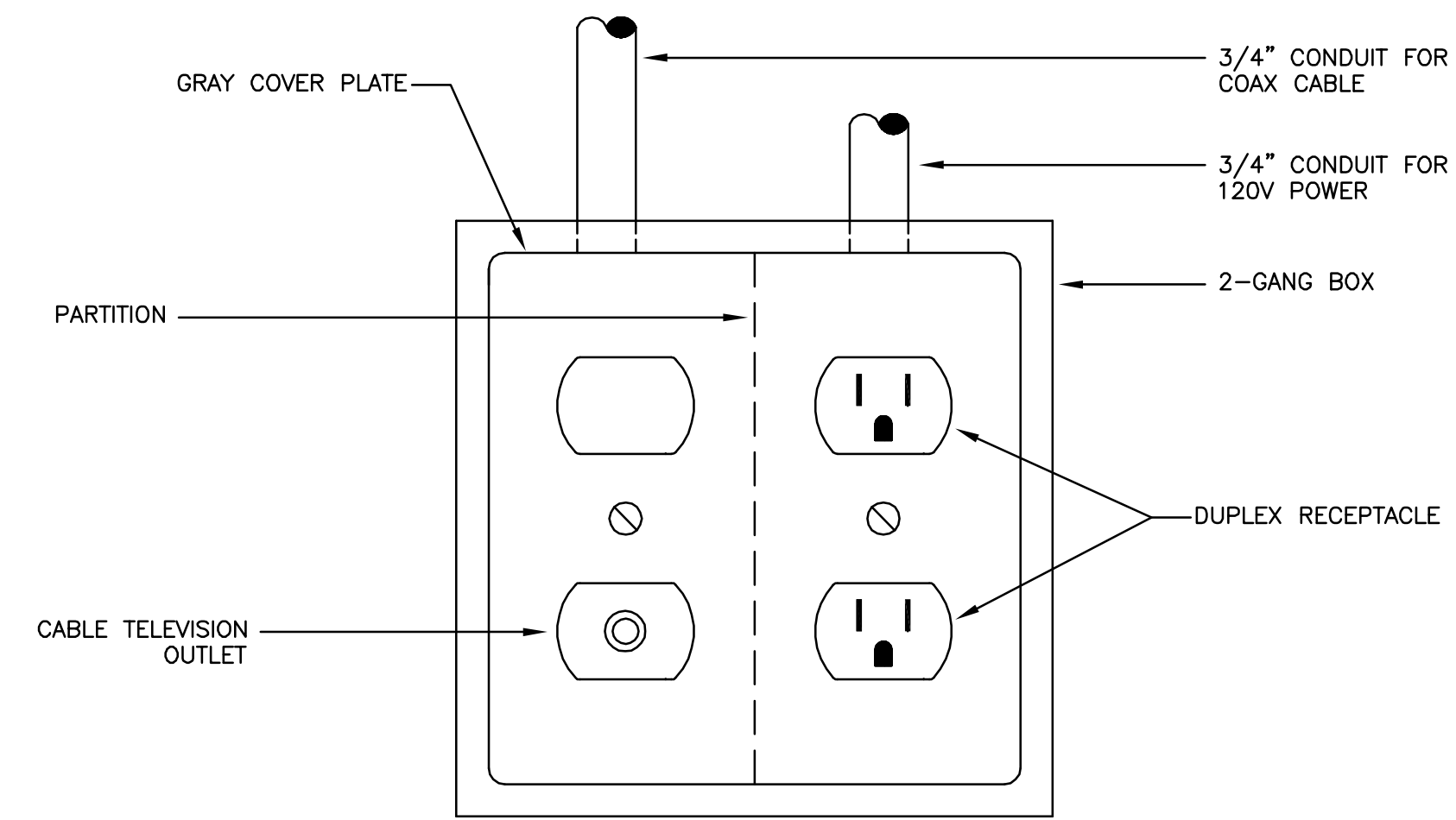
EXISTING PANEL "19LA4"													
BUS AMPS: 225 MAIN BRKR. AMPS: 150 VOLTAGE: 120/208 PHASE: 3 WIRE: 4				MLO: _____ WIRE SIZE: _____ AIC: _____ SN: _____				BRANCHES: 20A/1P UNLESS OTHERWISE NOTED				MOUNTING: RECESSED ENCLOSURE TYPE: NEMA 1 MODEL: GE INDUSTRIAL	
CKT	SERVES	WATTS/ VA	BREAKER POLE/AMP	THWN WIRE	COPPER COND	THWN COND	COPPER WIRE	BREAKER AMP/POLE	WATTS/ VA	SERVES	CKT		
1	ROOM 19048 - CIRCUIT #L1	1260	1 20	12	-	-	12 20	1	1300	ROOM 19052 - CIRCUIT #L3	2		
3	ROOM 19048 - CIRCUIT #L2	1260	1 20	12	-	-	12 20	1	1260	ROOM 19052 - CIRCUIT #L1	4		
5	ROOM 19048 - CIRCUIT #L3	1300	1 20	12	-	-	12 20	1	1260	ROOM 19052 - CIRCUIT #L2	6		
7	ROOM 19050 - CIRCUIT #L2	1260	1 20	12	-	-	12 20	1	1200	VENDING MACHINE-KITCHEN EQUIPMENT #1805	8		
9	ROOM 19050 - CIRCUIT #L3	1300	1 20	12	-	-	12 20	1	1238	ICE MACHINE-KITCHEN EQUIPMENT #1806	10		
11	ROOM 19050 - CIRCUIT #L1	1260	1 20	12	-	-	12 20	1	1238	LIGHTING - VENDING MACHINE ROOM	12		
13	ROOM 19035 - BEDROOM (WEST WALL)	758	1 20	12	-	-	12 20	1	600	ICE MACHINE-KITCHEN EQUIPMENT #1806	14		
15	ROOM 19035 - BATHROOM	316	1 20	12	-	-	20	1		SPARE	16		
17	ROOM 19035 - BEDROOM (EAST WALL)	720	1 20	12	-	-				SPARE	18		
19	ROOM 19037 - BATHROOM	316	1 20	12	-	-		30	2		20		
21	ROOM 19037 - BEDROOM (WEST WALL)	720	1 20	12	-	-				SPARE	22		
23	ROOM 19037 - BEDROOM (EAST WALL)	758	1 20	12	-	-		50	2		24		
25	ROOM 19029 - BEDROOM (SOUTH WALL)	1110	1 20	12	-	-		20	1		26		
27	ROOM 19029 - BATHROOM	316	1 20	12	-	-				SPACE	28		
29	ROOM 19029 - BEDROOM (NORTH WALL)	1342	1 20	12	-	-				SPACE	30		
31	ROOM 19031 - BATHROOM	316	1 20	12	-	-				SPACE	32		
33	ROOM 19031 - BEDROOM (EAST WALL)	720	1 20	12	-	-				SPACE	34		
35	ROOM 19031 - BEDROOM (WEST WALL)	758	1 20	12	-	-				SPACE	36		
37	ROOM 19033 - BEDROOM (WEST WALL)	720	1 20	12	-	-				SPACE	38		
39	ROOM 19033 - BEDROOM (EAST WALL)	758	1 20	12	-	-				SPACE	40		
41	ROOM 19033 - BATHROOM	316	1 20	12	-	-				SPACE	42		

PHASE A: 8,840 VA
PHASE B: 7,888 VA
PHASE C: 8,952 VA
TOTAL: 25,680 VA*

* - TOTAL LOAD ON PANEL "19LA4" DECREASED APPROXIMATELY 18.0 KVA.



1 PARTIAL ELECTRICAL RISER DIAGRAM
SCALE: NTS



NOTES:
1. TYPICAL FOR BOTTOM FED APPLICATIONS.

2 TELEVISION & POWER RECEPTACLE DETAIL
SCALE: NTS

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

Gensler

Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

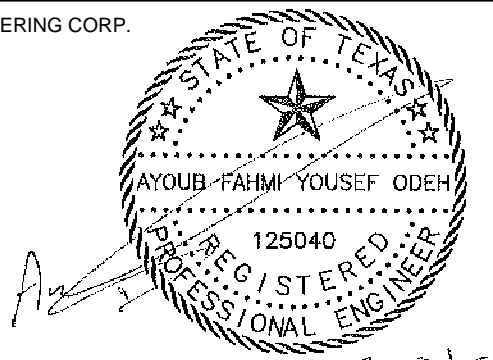
Hunt & Hunt Engineering Corp.

MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TYPE FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
ELECTRICAL PANEL SCHEDULES, RISER DIAGRAM & DETAILS

Scale
NONE

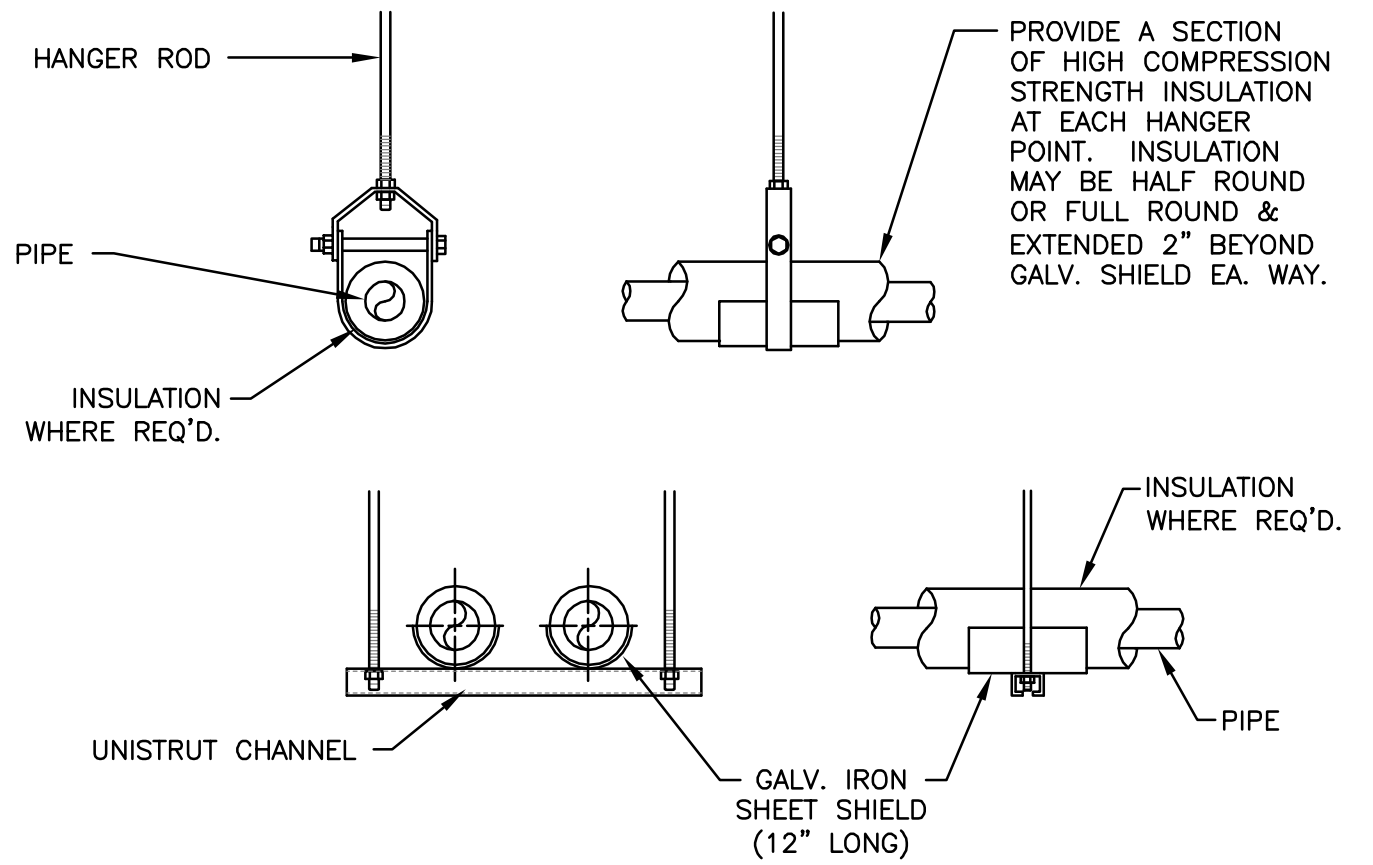
E06.01

© 2017 Gensler

PLUMBING LEGEND		
SYMBOL	ABBR.	DESCRIPTION
	AFF	ABOVE FINISHED FLOOR
	BFF	BELOW FINISHED FLOOR
—	CO	CLEANOUT
⊗	COTG	CLEANOUT TO GRADE
—	CONT	CONTINUATION
—	CW	DOMESTIC COLD WATER SUPPLY
—	HW	DOMESTIC HOT WATER SUPPLY
→	DN	DOWN (PIPE TURN)
	DWG	DRAWING
	EDF	ELECTRIC DRINKING FOUNTAIN
⊙	FCO	FLOOR CLEANOUT
⊗	FD	FLOOR DRAIN
→		FLOW DIRECTION
+	HB	HOSE BIBB
	IE	INVERT ELEVATION
L	L	LAVATORY
		KEYED NOTE
—	V	SANITARY VENT
—	SAN	SANITARY WASTE
⊗	SA	SHOCK ABSORB'R. (WATER HAM. ARR.)
S	S	SINK
SS	SS	SERVICE SINK
TP	TP	TRAP PRIMER
○	UP	UP (PIPE TURN)
UR	UR	URINAL
⊗		VALVE IN VERTICAL
⊗		VALVE
VTR	VTR	VENT THRU ROOF
WH	WH	WALL HYDRANT
WCO	WCO	WALL CLEANOUT
WC	WC	WATER CLOSET
MH	MH	MANHOLE
⊗		POINT OF CONNECTION
⊗		SANITARY RISER REFERENCE TAG

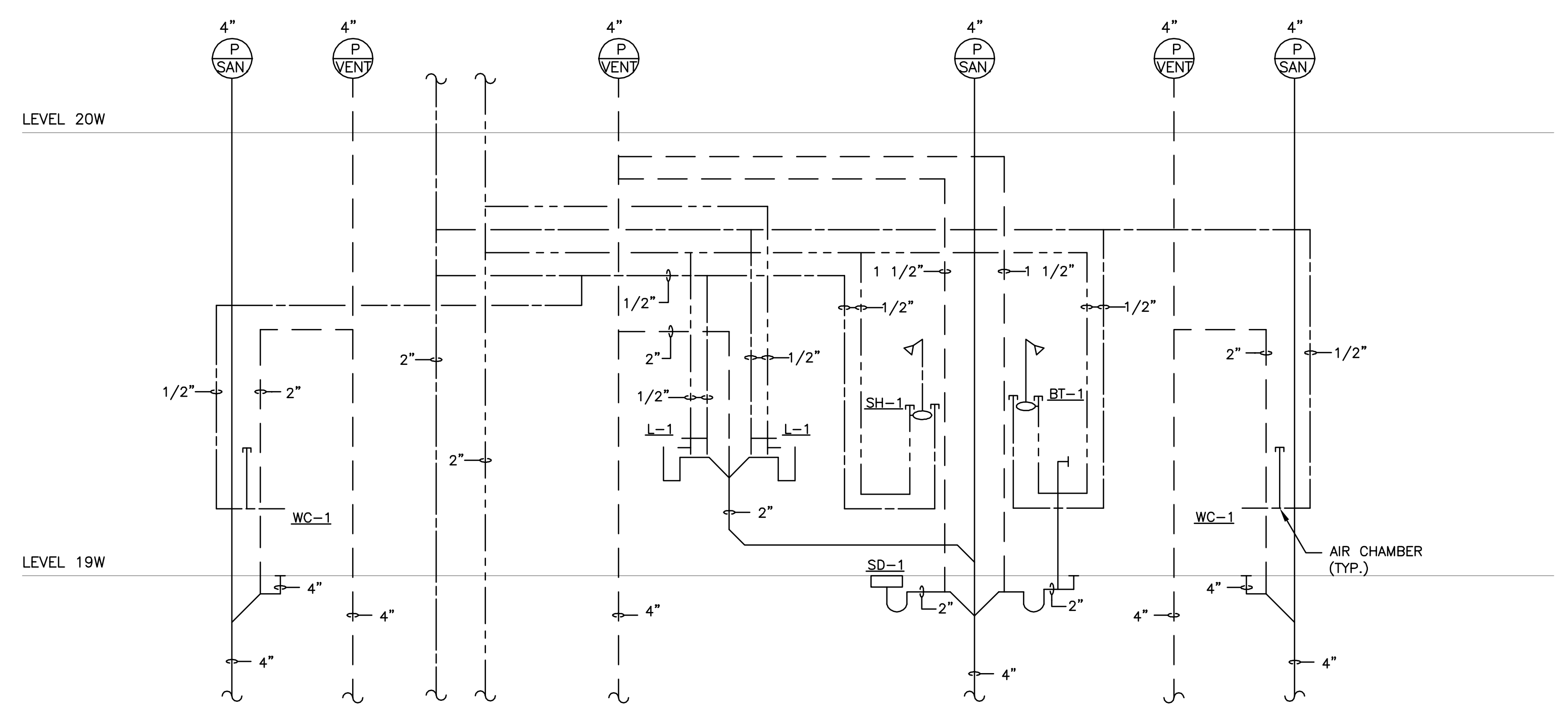
PLUMBING MATERIALS	
SANITARY, WASTE AND VENT DRAINAGE PIPING:	UNBURIED PIPING SHALL BE CAST IRON NO HUB PIPE AND FITTINGS WITH TYPE 304 STAINLESS STEEL COUPLINGS WITH FLANGED RUBBER GASKETS.
DOMESTIC WATER PIPING (INCLUDING COLD & HOT WATER):	UNBURIED PIPING SIZES 2" AND SMALLER SHALL BE TYPE "L" HARD DRAWN COPPER PIPE AND WROUGHT COPPER SOLDER JOINT FITTINGS USING LEAD-FREE SOLDER AND NON-CORROSIVE FLUX.
	UNBURIED PIPING SIZES 2-1/2" AND LARGER SHALL BE TYPE "L" HARD DRAWN COPPER PIPE AND WROUGHT COPPER ROLL GROOVE FITTINGS USING NO-SWEAT COUPLING AND FLANGE ADAPTER ASSEMBLIES.

APPLICABLE CODES	
UNIFORM PLUMBING CODE - 2012 EDITION WITH CITY OF HOUSTON AMENDMENTS	
AMERICAN DISABILITIES ACT - HANDICAP ACCESS - LATEST EDITION	
ANSI A117.1 - HANDICAP ACCESS - LATEST EDITION	



- NOTES:
- ATTACH SUPPORTS FOR ALL PIPING SUSPENDED FROM THE STRUCTURE TO THE TOP CORD OF JOISTS OR BEAMS.
 - PROVIDE COPPER OR PLASTIC COATED HANGERS FOR NON-INSULATED COPPER PIPE.

1 PIPE HANGER DETAIL
SCALE: NTS



2 PLUMBING RISER DIAGRAM (TYP. BACK-TO-BACK GUESTROOM)
SCALE: NTS

DRAWING INDEX

P00.00	PLUMBING LEGEND, DETAILS, DRAWING INDEX & GENERAL NOTES
P02.00	PLUMBING & FIRE PROTECTION FLOOR PLAN - DEMOLITION
P02.10	PLUMBING & FIRE PROTECTION FLOOR PLAN - FINAL

GENERAL NOTES

- THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL OFFSETS. INSTALL PIPING AS CLOSE AS POSSIBLE TO LOCATIONS SHOWN, WHERE INTERFERENCES WITH COMPONENTS OF OTHER TRADE'S WORK (STRUCTURAL FOUNDATIONS OR OTHER BUILDING ELEMENTS) REQUIRE ROUTINGS AND LOCATIONS THAT VARY FROM THOSE SHOWN, THE CONTRACTOR SHALL OBTAIN PROJECT ENGINEER'S APPROVAL PRIOR TO INSTALLATION. NO ADDITIONAL COST SHALL BE GRANTED FOR THESE CHANGES.
- BEFORE BEGINNING EXCAVATIONS OR DEMOLITION OF ANY NATURE WHATSOEVER, CONTRACTOR SHALL LOCATE ALL SERVICES AND UTILITIES OCCURRING WITHIN THE BOUNDS OF THE PROJECT. THE CONTRACTOR SHALL THEN PROCEED WITH CAUTION IN THIS WORK SO THAT NO UTILITY OR LINE SERVING AREAS THAT ARE TO REMAIN BE DAMAGED WITH A RESULTANT LOSS OF SERVICE. VERIFY THE SOURCE AND SERVICE OF EACH AND EVERY LINE ENCOUNTERED AND RECORD SERVICE, SIZE AND LOCATION ON RECORD DRAWINGS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR REPAIRS AND ALL COST ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITY OR LINE ACCIDENTAL OR OTHERWISE.
- COORDINATE EACH AND EVERY INTERRUPTION OF UTILITIES WITH FIRE DEPARTMENT, HILTON AMERICAS HOUSTON AND UTILITY COMPANIES TO INSURE MINIMUM SHUT-DOWN TIMES THAT ARE ACCEPTABLE TO THE AUTHORITIES.
- ROUGH-IN PLUMBING PIPING USING DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS. LOCATION OF ALL PIPING SHALL ALLOW INSTALLATION OF FIXTURES WITHOUT THE NEED TO FURR-OUT WALLS.
- PROVIDE CLEANOUTS IN EXCESS OF THOSE SHOWN WHICH ARE REQUIRED BY THE PLUMBING CODE.
- INDIVIDUAL FIXTURE SUPPLY AND DRAIN SERVICES ARE NOT SHOWN DUE TO DRAWING SPACE LIMITATIONS. CONTRACTOR SHALL PROVIDE ALL SERVICES FOR A COMPLETE FIRST CLASS INSTALLATION.
- FURNISH AND INSTALL ALL NECESSARY VALVES, TRAPS, GAUGES, STRAINERS, UNIONS, ETC. FOR EACH PIECE OF EQUIPMENT HAVING PLUMBING CONNECTIONS TO FACILITATE PROPER FUNCTIONING AND SERVICING.
- DO NOT INSTALL PIPING AT LOCATIONS THAT INTERFERE WITH SERVICE ACCESSIBILITY TO EQUIPMENT.
- SEAL ALL PENETRATIONS THROUGH RATED WALLS, FLOORS AND CEILINGS WITH A UL LISTED ASSEMBLY TO PROVIDE A RATING EQUAL TO OR GREATER THAN THE RATING OF THE WALL, FLOOR OR CEILING.
- ALL WALLS, FLOORS, ETC., THAT ARE DISTURBED DUE TO WORK DONE BY THIS CONTRACTOR AND ARE TO REMAIN AFTER FINAL COMPLETION OF PROJECT, SHALL BE REPAIRED TO CONDITION THAT IS ACCEPTABLE TO THE ARCHITECT /ENGINEER AND OWNER.
- EACH CONTRACTOR SHALL VISIT THE SITE AND ASCERTAIN FOR HIM/HERSELF THE CONDITIONS TO BE MET THERE IN IMPLEMENTING THIS WORK AND MAKE DUE PROVISIONS FOR THE SAME. IT IS ASSUMED THAT THE CONTRACTOR HAS VISITED THE PREMISES AND THAT THE COST ESTIMATE COVERS ALL NECESSARY LABOR AND MATERIALS TO PROPERLY ACCOMPLISH THIS WORK. FAILURE ON THE PART OF THE CONTRACTOR TO COMPLY WITH THIS REQUIREMENT SHALL NOT BE CONSIDERED JUSTIFICATION FOR OMISSIONS OR FAULTY WORK OR FOR THE PAYMENT OF ADDITIONAL COMPENSATION.
- FIELD VERIFY EXISTING AND FUTURE GRADES WITHIN AREAS WHERE WORK IS BEING DONE.
- VERIFY EXACT LOCATION OF EQUIPMENT PRIOR TO INSTALLATION OF DRAINS. RELOCATION DUE TO MISPLACEMENT SHALL BE AT CONTRACTOR'S EXPENSE.
- SEAL ALL PIPE PENETRATIONS THROUGH BUILDING GRADE BEAMS AND EXTERIOR WALLS WATERTIGHT.
- CLEAN ALL PIPING AS FOLLOWS:
DISINFECTATION OF DOMESTIC WATER DISTRIBUTION SYSTEM:
EACH UNIT OF COMPLETED SUPPLY LINE AND DISTRIBUTION SYSTEM SHALL BE DISINFECTED PER THE LOCAL PLUMBING CODE AND PLUMBING OFFICIALS' REQUIREMENTS BEFORE ACCEPTANCE FOR DOMESTIC OPERATION. PROVIDE AT LEAST TWO (2) SAMPLES FROM EACH SYSTEM AND TAKE IN STERILE BOTTLES TO BE EXAMINED BY THE EXAMINATION SHOWS A SAMPLE TO BE CONTAMINATED, THE BE REPEATED UNTIL FREE OF CONTAMINATION. SUBMIT LAB RESULTS TO OWNER.
- SUPPORT UNBURIED PIPE AS FOLLOWS:
HORIZONTAL PIPING:
HUBLESS CAST IRON SOIL PIPING SHALL BE SUPPORTED AT LEAST AT EVERY OTHER JOINT EXCEPT THAT WHEN THE DEVELOPED LENGTH BETWEEN SUPPORTS EXCEEDS 4 FEET, THEY SHALL BE PROVIDED AT EACH JOINT. SUPPORTS SHALL ALSO BE PROVIDED AT EACH HORIZONTAL BRANCH CONNECTION. SUPPORTS SHALL BE PLACED IMMEDIATELY ADJACENT TO THE COUPLING. SUSPENDED LINES SHALL BE BRACED TO PREVENT HORIZONTAL MOVEMENT.
COPPER TUBING SHALL BE SUPPORTED AT NOT MORE THAN 6-FOOT INTERVALS FOR PIPING 1-1/2" AND SMALLER AND NINE FOOT INTERVALS FOR PIPING 2" AND LARGER IN DIAMETER.
HANGERS FOR NON-INSULATED COPPER PIPING SHALL HAVE A COPPER FINISH. IN POTENTIALLY DAMP LOCATIONS, NON-INSULATED COPPER PIPING HANGERS OR SUPPORTS SHALL BE PLASTIC-COATED.
STEEL PIPING SHALL BE SUPPORTED AT INTERVALS OF NO GREATER THAN 6 FEET FOR 1/2" PIPING, 8 FEET FOR 3/4" & 1" PIPING AND 10 FEET FOR 1-1/4" AND LARGER PIPING.
- SLEEVES:
FLOORS: PROVIDE UL FIRE RATED ASSEMBLIES WHERE PIPES PENETRATE ABOVE GRADE FLOORS.
WALLS: PROVIDE UL FIRE RATED ASSEMBLIES WHERE PIPES PENETRATE FIRE RATED WALLS.
WHERE PIPING PASSES THROUGH NON-RATED CEILING OR WALL, CLOSE OFF SPACE BETWEEN PIPE OR DUCT AND CONSTRUCTION WITH NORMAL GYPSUM WALLBOARD. REPAIR PLASTER SMOOTHED AND FINISHED TO MATCH REMAINDER OF WALL.
INSTALL CHROME-PLATED OR STAINLESS STEEL ESCUTCHEONS WHERE PIPING PASSES THROUGH FINISHED SURFACES.

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MARK	DESCRIPTION
WC-1	WATER CLOSET - FLOOR MOUNTED, TANK TYPE WITH TOUCHLESS FLUSH KIT: KOHLER MODEL CIMARRON K-6418.	RT-1	BATH TUB - CAST IRON BATH TUB, KOHLER MODEL DYNAMETRIC K-520.
	BOWL - VITREOUS CHINA, ELONGATED, 2-1/8" GLAZED WAY: KOHLER MODEL CIMARRON K-4309.		TUB - CAST IRON WITH SAFEGUARD FINISH, 60" x 32" x 16-1/4", RIGHT DRAIN INTEGRAL FLANGE, INTEGRAL LUMBAR SUPPORT AND INTEGRAL APRON.
	TANK - TOUCHLESS FLUSH KIT, SINGLE-FLUSH GRAVITY, AQUAPISTON CANISTER, 1.28-GALLON FLUSH: KOHLER MODEL CIMARRON K-5692.		FAUCET - PREMIUM MATERIAL CONSTRUCTION, FACE PLATE WITH HANDLE, BATH SPOUT, SHOWER ARM WITH FLANGE AND SHOWER HEAD, SINGLE HANDLE CONTROL, ADA COMPLIANT METAL SCULPTED LEVER HANDLE, 2.5 GPM SHOWER HEAD, MASTERCLEAN SPRAYFACE, KOHLER FORTE FAUCET AND ACCESSORY COLLECTIONS. ACCESSORY KOHLER MODEL K-304 / K-P304 SERIES RITE-TEMP VALVE, KOHLER MODEL FORTE K-TS10275-4CP.
	SEAT - ELONGATED WITH CLOSED FRONT, CONCEALED CHECK & SELF-SUSTAINING HINGE, SOLID POLYPROPYLENE PLASTIC: KOHLER MODEL CACHET QUIET-CLOSE K-4636.		SH-1
L-1	LAVATORY - UNDER-MOUNT COUNTERTOP.		SHOWER - KOHLER RITE-TEMP SHOWER VALVE TRIM, ADA COMPLIANT.
	BOWL - VITREOUS CHINA, 21-1/4" x 17-1/4" x 4", UNDER-MOUNT: KOHLER MODEL CAYTON OVAL K-2211.		FAUCET - PREMIUM MATERIAL CONSTRUCTION, FACE PLATE WITH HANDLE, SHOWER ARM WITH FLANGE AND SHOWER HEAD, SINGLE HANDLE CONTROL, ADA COMPLIANT METAL SCULPTED LEVER HANDLE, 2.5 GPM SHOWER HEAD, MASTERCLEAN SPRAYFACE, KOHLER FORTE FAUCET AND ACCESSORY COLLECTIONS. ACCESSORY KOHLER MODEL K-304 / K-P304 SERIES RITE-TEMP VALVE, KOHLER MODEL FORTE K-TS10275-4CP.
	DRAIN - 1-1/4" x 6", 17-GAUGE TAILPIECE: KOHLER MODEL K-8998 P-TRAP.		SD-1
	FAUCET - 1.2 GPM MAX. FLOW RATE, BRASS CONSTRUCTION, QUARTER-TURN WASHERLESS CERAMIC DISC VALVE: KOHLER MODEL MEMOIRS STATELY K-454-4S.		SHOWER DRAIN - LINEAR STAINLESS STEEL SHOWER DRAIN, 31-1/2" L x 4" W x 3" H WITH POLISHED CHROME TRIM: SIGNATURE HARDWARE REID SERIES.
	STOPS & SUPPLIES - CHROME PLATED BRASS ANGLE VALVE, 1/2" INLET, 3/8" OUTLET: ZURN MODEL Z8500.	WCQ-1	WALL CLEANOUT - BRASS PLUG WITH ACCESS DOOR: WADE SERIES 8480R. COORDINATE FINISH WITH ARCHITECT.
	TRAP - 1-1/4" 17-GAUGE CHROME PLATED BRASS, CLEANOUT, WASTE TO WALL & ESCUTCHEON: ZURN MODEL Z8700.	AC-1	ACCESS PANEL - DRY WALL ACCESS DOOR, 12" x 12", 16-GAUGE STEEL: KARP MODEL DSB-2145M. COORDINATE FINISH WITH ARCHITECT.
	(WITH INSULATION KIT AS MANUFACTURED BY ZURN MODEL Z8946-1-NT)	SA-1	SHOCK ABSORB'ER - SEAMLESS COPPER WITH O-RING PISTON, APPROVED FOR CONCEALED WALL CONSTRUCTION, PDI CERTIFIED: SIOUX CHIEF HYDRA-RESTER.
BS-1	BAR SINK - UNDER-MOUNT COUNTERTOP.		
	BOWL - 18-GAUGE STAINLESS STEEL, 15" x 15", 9" BOWL DEPTH, SINGLE FAUCET HOLE: KOHLER MODEL VAULT K-3840-1.		
	FAUCET - 1.8 GPM MAX. FLOW RATE, POLISHED CHROME, SINGLE LEVER TOP-MOUNT FAUCET, ONE-PIECE SELF-CONTAINED CERAMIC DISC VALVE AND HIGH-TEMPERATURE LIMIT SETTING: KOHLER MODEL EVOKE K-6332.		
	STOPS & SUPPLIES - CHROME PLATED BRASS ANGLE VALVE WITH WHEEL HANDLE, 1/2" INLET, 3/8" OUTLET, 12" x 3/8" O.D. STAINLESS STEEL BRAIDED FLEXIBLE TUBING & WALL FLANGE.		
	TRAP - 1-1/2" 17-GAUGE CHROME PLATED BRASS, CLEANOUT, WASTE TO WALL & ESCUTCHEON: MCGUIRE MODEL B912.		
	(WITH INSULATION KIT AS MANUFACTURES BY ZURN MODEL Z8946-1-NT)		

Houston First Corporation

HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

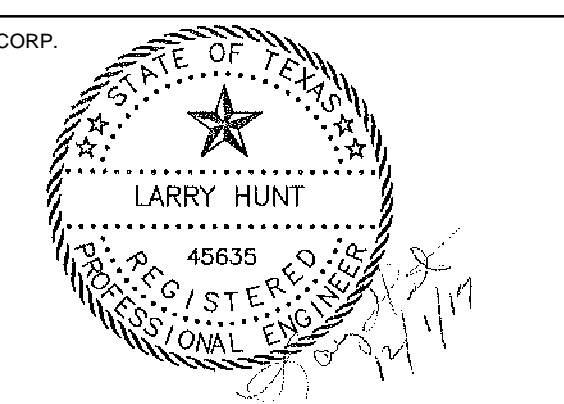
Genzler

Hunt & Hunt Engineering Corp.
MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TBE FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
PLUMBING LEGEND, DETAILS, DRAWING INDEX & GENERAL NOTES

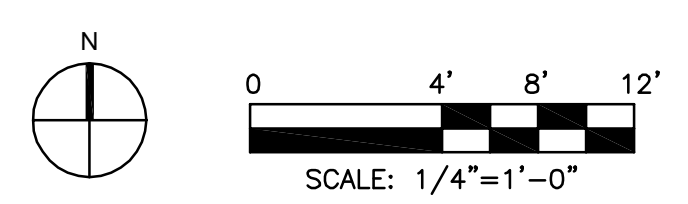
Scale
NONE

P00.00

© 2017 Genzler



1 LEVEL 19 - FLOOR PLAN - DEMOLITION
SCALE: 1/4"=1'-0"



GENERAL NOTES

1. CONTRACTOR SHALL CONFIRM ALL PIPE ROUTING PRIOR TO BEGINNING DEMOLITION WORK. INFORM ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWING AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.
2. COORDINATE ALL WORK WITH OTHER TRADES.
3. CORE SLAB AS REQUIRED FOR NEW SANITARY INSTALLATION. CONTRACTOR TO VERIFY WITH OWNER/ARCHITECT PRIOR TO DEMOLITION. PATCH FLOOR TO MATCH EXISTING.
4. SPRINKLER CONTRACTOR WORK SHALL INCLUDE: CONFIRMING SPRINKLER SYSTEM COVERAGE IN ENTIRE REMODEL AREA, MODIFYING SPRINKLER SYSTEM, TESTING AND ENSURING THAT THE SYSTEM IS COMPLETE AND OPERATIONAL. SUBMITAL DRAWINGS MUST BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO MAKING ANY MODIFICATIONS TO THE SYSTEM.

DEMOLITION NOTES

- ① EXISTING PLUMBING RISER TO REMAIN IN SERVICE.
- ② EXISTING PLUMBING PIPING TO REMAIN IN SERVICE.
- ③ EXISTING STORM PIPING TO REMAIN IN SERVICE.
- ④ EXISTING AUTOMATIC SPRINKLER PIPING TO REMAIN IN SERVICE.
- ⑤ REMOVE EXISTING 2" VENT LINE UP TO THE BRANCH. CAP AND SEAL VENT LINE AIRTIGHT.
- ⑥ REMOVE EXISTING FLOOR DRAIN AND REPAIR FLOOR TO MATCH EXISTING. COORDINATE ALL WORK WITH ARCHITECT.
- ⑦ REMOVE EXISTING FLOOR SINK AND REPAIR FLOOR TO MATCH EXISTING. CAP AND SEAL WASTE AND VENT LINES AIRTIGHT. COORDINATE ALL WORK WITH ARCHITECT.
- ⑧ REMOVE EXISTING PLUG FROM SANITARY WASTE LINE AT LOCATION OF FORMER WATER CLOSET AND CLEAN FLOOR OPENING TO FACILITATE THE INSTALLATION OF NEW WATER CLOSET.
- ⑨ REMOVE EXISTING SPRINKLER HEAD AND RELOCATE AS REQUIRED TO MAINTAIN PROPER COVERAGE AND CODE REQUIREMENTS. REWORK SPRINKLER PIPING AND INSTALL NEW PENDANT AS REQUIRED. REFER TO GENERAL NOTES ABOVE FOR ADDITIONAL REQUIREMENTS.

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

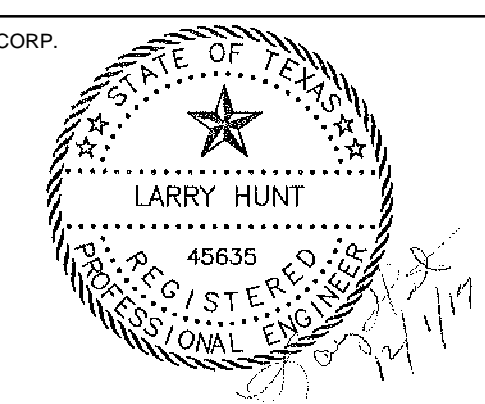
Gensler
Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
MEP Consultant
P.O. Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T+1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TBP# FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

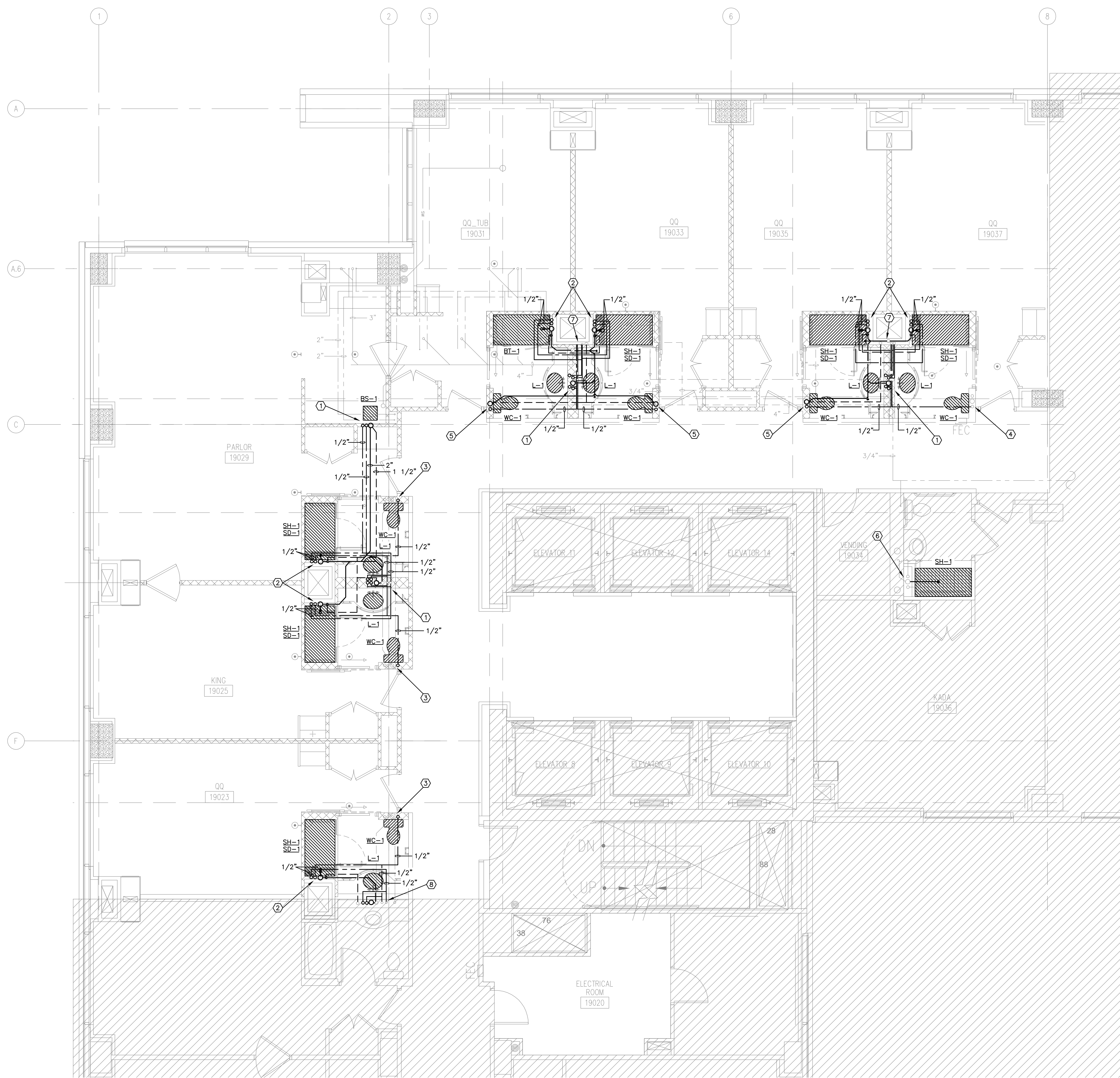
Project Number
02.8339.000

Description
PLUMBING & FIRE PROTECTION FLOOR PLAN - DEMOLITION

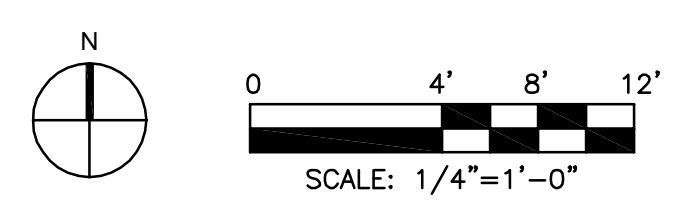
Scale
1/4"=1'-0"

P02.00

© 2017 Gensler



1 LEVEL 19 - FLOOR PLAN - FINAL
SCALE: 1/4"=1'-0"



GENERAL NOTES

1. CONTRACTOR SHALL CONFIRM ALL PIPE ROUTING PRIOR TO STARTING WORK. INFORM ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWING AND ACTUAL CONDITIONS PRIOR TO PROCEEDING WITH WORK.
2. COORDINATE ALL WORK WITH OTHER TRADES.
3. CORE SLAB AS REQUIRED FOR NEW SANITARY INSTALLATION. CONTRACTOR TO VERIFY WITH OWNER/ARCHITECT PRIOR TO DEMOLITION. PATCH FLOOR TO MATCH EXISTING.
4. SPRINKLER CONTRACTOR WORK SHALL INCLUDE: CONFIRMING SPRINKLER SYSTEM COVERAGE IN ENTIRE REMODEL AREA, MODIFYING SPRINKLER SYSTEM, TESTING AND ENSURING THAT THE SYSTEM IS COMPLETE AND OPERATIONAL. SUBMITTA DRAWINGS MUST BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO MAKING ANY MODIFICATIONS TO THE SYSTEM.
5. ALL CEILING MOUNTED SPRINKLER HEADS SHALL BE CONCEALED WITH COVER PLATES. ALL SPRINKLER SYSTEM COMPONENTS SHALL BE OF THE SAME QUALITY AS THE EXISTING SYSTEM AND COMPLY WITH NFPA, UBC AND STATE REQUIREMENTS.

KEYED NOTES

1. PROVIDE 1/2" COLD WATER, 1/2" HOT WATER AND 1-1/2" VENT LINE TO LAVATORY OR SINK. REFER TO PLUMBING RISER DIAGRAM ON DRAWING NO. P00.00 FOR ADDITIONAL DETAILS.
2. REFER TO PLUMBING RISER DIAGRAM ON DRAWING NO. P00.00 FOR SHOWER AND BATH TUB INSTALLATION.
3. CONNECT NEW SANITARY DRAIN AND VENT TO EXISTING SANITARY WASTE AND VENT FOR NEW WATER CLOSET. PROVIDE 1/2" COLD WATER LINE WITH SHUT-OFF VALVE. FIELD VERIFY EXISTING PIPING.
4. REUSE EXISTING FLOOR OPENING AND SANITARY WASTE LINE FOR NEW WATER CLOSET. PROVIDE NEW 1/2" COLD WATER LINE WITH SHUT-OFF VALVE. FIELD VERIFY EXISTING PIPING.
5. PROVIDE NEW 4" SANITARY DRAIN, 2" VENT AND 1/2" COLD WATER LINE FOR NEW WATER CLOSET.
6. CONNECT NEW 2" SANITARY DRAIN, 1-1/2" VENT, 1/2" COLD WATER AND 1/2" HOT WATER TO EXISTING PIPING FOR NEW SHOWER.
7. CONNECT NEW 4" SANITARY DRAIN, 2" VENT, 1-1/2" COLD WATER AND 1/2" HOT WATER TO EXISTING SANITARY WASTE, VENT, COLD WATER AND HOT WATER RISERS AT THIS LOCATION. FIELD VERIFY EXISTING PIPING.
8. CONNECT NEW 4" SANITARY DRAIN, 2" VENT, 1/2" COLD WATER AND 1/2" HOT WATER TO EXISTING SANITARY WASTE, VENT, COLD WATER AND HOT WATER RISERS. FIELD VERIFY EXISTING PIPING.

Houston First Corporation
HILTON AMERICAS
1600 LAMAR ST. HOUSTON, TX 77010

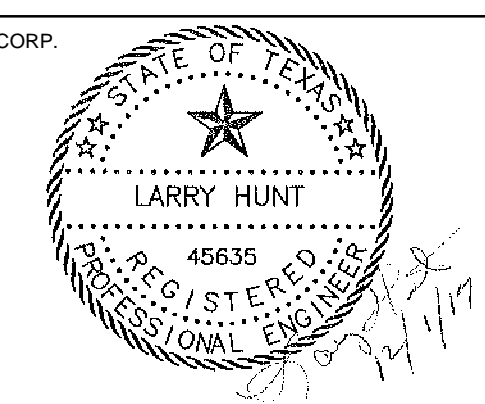
Gensler
Pennzoil Place
711 Louisiana Street
Suite 300
Houston, TX 77002
Tel: 713.844.0000
Fax: 713.844.0001

Hunt & Hunt Engineering Corp.
MEP Consultant
PO Box 771294
Houston, TX 77215
713.780.9554

OWNERS INTERIOR DESIGN CONSULTANT:
WILSON ASSOCIATES
3811 Turtle Creek Boulevard, Suite 1600
Dallas, Texas 75219
T +1 214 521 6753 wilsonassociates.com

Issue #	Issue Date	Issue Description
	12.01.2017	ISSUE FOR PERMIT

Seal/Signature
HUNT & HUNT ENGINEERING CORP.
TYPE FIRM NO. F-3446



Project Name
HILTON GUESTROOM CONVERSION - 19TH FLOOR

Project Number
02.8339.000

Description
PLUMBING & FIRE PROTECTION FLOOR PLAN - FINAL

Scale
1/4"=1'-0"

P02.10

© 2017 Gensler

C:\DWG\GENSLER\19TH FLOOR GUESTROOMS\F02.10.DWG 12/1/2017 10:46:59 AM