

Airports Division

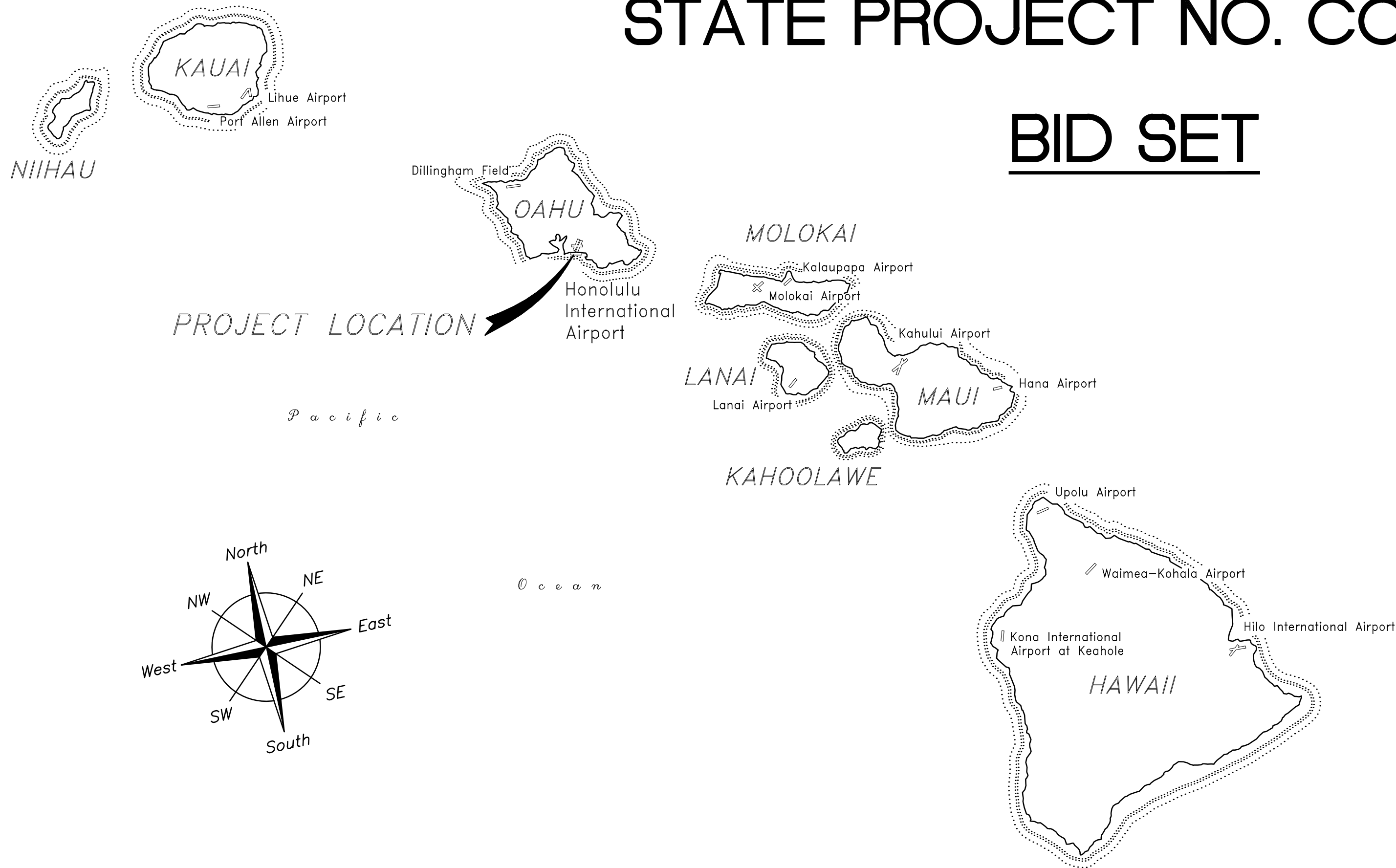
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

PLANS FOR

MINOR REPAIR AT VIDEO ROOM, HNL HONOLULU INTERNATIONAL AIRPORT HONOLULU, HAWAII

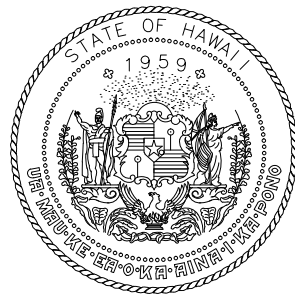
STATE PROJECT NO. CO1630-33

BID SET



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Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII



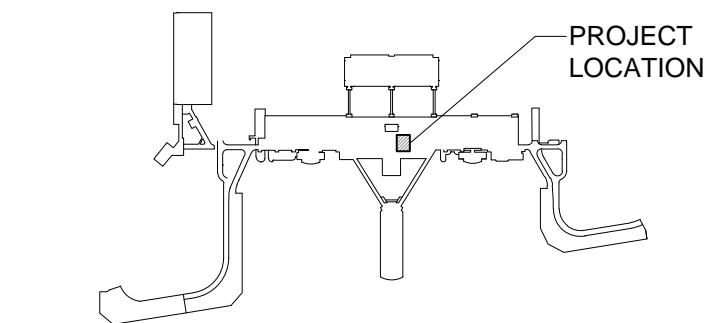
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LICENSE EXPIRATION DATE: 04/30/18

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :



NO: DATE: REVISIONS:

PROJECT TITLE :

MINOR REPAIR
AT VIDEO ROOM, HNL
HONOLULU INTERNATIONAL
AIRPORT
HONOLULU, HAWAII

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TITLE SHEET,
PROJECT LOCATION,
INDEX TO DRAWINGS

DATE:
3/31/16
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DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

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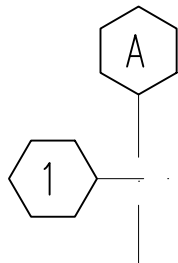
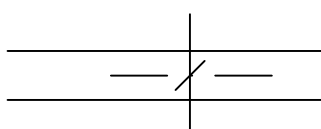
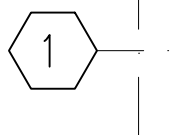
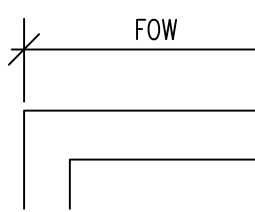
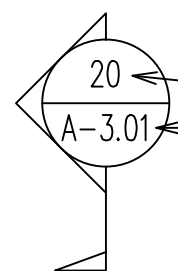
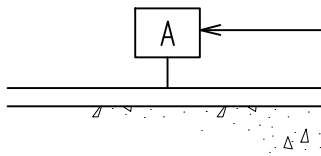
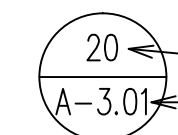
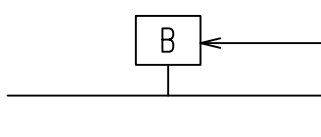
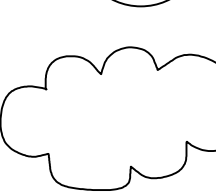
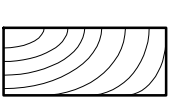
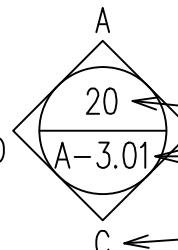
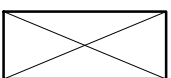
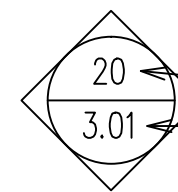
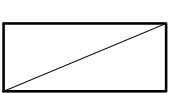
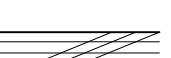


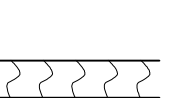
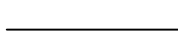



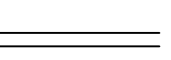
DIRECTOR OF TRANSPORTATION DATE

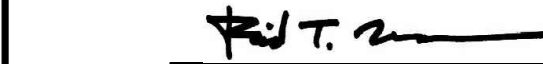
ABBREVIATIONS					
&	AND	FT	FOOT/FEET	R	RADIUS/RISER
@	AT	FTD	FACIAL TISSUE DISPENSER	RAD	RADIUS
⌒	CENTERLINE	FURR	FURRING/FURRED	RB	RESILIENT BASE
(E)	EXISTING			RCP	REFLECTED CEILING PLAN
A/C	AIR CONDITIONING	GA	GAGE	REBAR	REINFORCING BAR
ACC	ACCESSIBLE	GAL	GALLON	REF	REFERENCE
ABV	ABOVE	GALV	GALVANIZED	REFL	REFLECTED
ACCUOS	ACOUSTICAL	GB	GRAB BAR	REFR	REFRIGERATOR
ADD	ADDENDUM	GL	GLASS	REINF	REINFORCED/REINFORCING
ADJ	ADJUSTABLE	GND	GROUND	REQ	REQUIRED
ADJA	ADJACENT	GYP BD	GYPSUM BOARD	RESIL	RESILIENT
AFF	ABOVE FINISHED FLOOR	GYP	GYPSUM	REST	RESTROOM
AHU	AIR HANDLING UNIT	H	HEIGHT, HIGH	REV	REVISED/REVISION
AL	ALUMINUM	HB	HOSE BIBB	RF	RESILIENT FLOORING
ALT	ALTER OR ALTERNATE	HC	HOLLOW CORE	RGTR	REGISTER
ANOD	ANODIZED	HD	HEAD	RLG	RAILING
AP	ACCESS PANEL	HDWD	HARDWOOD	RM	ROOM
APPROX	APPROXIMATE	HDWE	HARDWARE	RO	ROUGH OPENING
ARCH	ARCHITECTURAL	HM	HOLLOW METAL	RWC	RECESSED WASTE
AT	ACOUSTIC TILE	HORIZ	HORIZONTAL	S	SOOTH
AW	ARCHITECTURAL	HR	HOUR	SA	SINGLE ACTING
	WOODWORK	HS	HAND SINK	SC	SCALE/SOLID CORE
BD	BOARD	HT	HEIGHT	SCHED	SCHEDULE
BLDG	BUILDING	HVAC	HEATING, VENTILATION AND AIR CONDITIONING	SD	SMOKE DETECTOR/
BLK	BLOCK			SDISH	SOAP DISH
BLKG	BLOCKING	HW	HOT WATER	SECT	SECTION
BOH	BACK OF HOUSE	HWR	HOT WATER RETURN	SF	SQUARE FEET
BOT	BOTTOM	ID	INSIDE DIAMETER (DIMENSION)	SH	SHELF
BRKT	BRACKET	IN	INCH	SHR	SHOWER
BS	BOTH SIDES	INCL	INCLUSIVE, INCLUDED, INCLUDING	SHT	SHEET
BTWN	BETWEEN			SHTG	SHEATHING
		INSUL	INSULATION	SIM	SIMILAR
CAB	CABINET	INT	INTERIOR	SL	SLOPE
CBB	CEMENTITIOUS BACKER BOARD	INV	INVERT	SLDG	SLIDING
CD	CEILING DIFFUSER	JAN	JANITOR	SLNT	SEALANT
CER	CERAMIC	JB	JUNCTION BOX	SP	SOLID PLASTIC
CG	CORNER GUARD	JST	JOIST	SPEC	SPECIFICATION
CHWR	CHILLED WATER RETURN	JT	JOINT	SPKR	SPEAKER
CHWS	CHILLED WATER SUPPLY			SPRK	SPRINKLER
CIP	CAST-IN-PLACE	KIT	KITCHEN	SQ	SQUARE
CJ	CONTROL JOINT	KW	KILOWATT	SSK	SERVICE SINK
CLG/CLNG	CEILING			SST	STAINLESSSTEEL
CLO	CLOSET			ST	STONE
CLR	CLEAR	L	LENGTH/LONG/LITTER	STA	STATION
CNTR	COUNTER	LAM	LAMINATE/LAMINATED	STD	STANDARD
CTOP	COUNTERTOP	LAV	LAVATORY	STL	STEEL
COL	COLUMN	LB	POUND	STOR	STORAGE
CONC	CONCRETE	LF	LINEAL FOOT	STRL	STRUCTURAL
COND	CONDITION	LOC	LOCATION	STRUC	STRUCTURE
CONN	CONNECTION	LTG	LIGHTING	SURR	SURROUND
CONSTR	CONSTRUCTION			SUSP	SUSPENDED
CONT	CONTINUOUS	MATL	MATERIAL	SVC	SERVICE
CONTR	CONTRACTOR	MAX	MAXIMUM	SW	SWITCH
CORR	CORRIDOR	MECH	MECHANICAL	SYM	SYMMETRICAL
CP	CARPET	MET	METAL	SYS	SYSTEM
CTR	CENTER	MFR	MANUFACTURER	T	TINTED / THERMOSTAT
CTSK	COUNTERSUNK	MIN	MINIMUM	T&G	TONGUE AND GROOVE
CW	COLD WATER	MIR	MIRROR	TEL	TELEPHONE
CWR	COLD WATER RETURN	MISC	MISCELLANEOUS	TEMP	TEMPERED/TEMPORARY
D	DEEP/DEPTH/DRYER	MLDG	MOLDING	THK	THICK/THICKNESS
DBL	DOUBLE	MO	MASONRY OPENING	THR	THRESHOLD
DEPT	DEPARTMENT	MOD	MODULAR	TLT	TOILET
DET	DETAIL	MR	MOISTURE RESISTANT	TO	TOP OF...
DIA	DIAMETER	MTD	MOUNTED	TOC	TOP OF CURB
DIAG	DIAGONAL	MTG	MOUNTING	TOF	TOP OF FLOOR
DIM	DIMENSION			TOP	TOP OF PAVEMENT
DISP	DISPENSER	N	NORTH	TOS	TOP OF SLAB
DN	DOWN	NIC	NOT IN CONTRACT	TOW	TOP OF WALL
DR	DOOR	NL	NIGHT LIGHT	TPB	TELEPHONE POWER BOARD
DWG	DRAWING	NO	NUMBER	TPD	TOILET PAPER DISPENSER
DWR	DRAWER	NOM	NOMINAL	TPH	TOILET PAPER HOLDER
		NS	NO SCALE	TRAN	TRANSITION
E	EAST	NTS	NOT TO SCALE	TRANS	TRANSPARENT
EA	EACH			TRD	TREAD
EAR	EXHAUST AIR REGISTER	O	OVER	TS	TOWEL SHELF
EF	EXHAUST FAN	O/C	ON CENTER	TSA	TRANSPORTATION
EJ	EXPANSION JOINT	OA	OVERALL		SECURITY AUTHORITY
EL	ELEVATION	OAG	OUTSIDE AIR GRILLE	TSCD	TOILET SEAT
ELEC	ELECTRICAL	OD	OUTSIDE DIAMETER (DIMENSION)		COVER DISPENSER
ELEV	ELEVATOR			TV	TELEVISION
EMER	EMERGENCY	OFCl	OWNER FURNISHED	TYP	TYPICAL
ENCL	ENCLOSURE		CONTRACTOR INSTALLED	UC	UNDERCUT
EP	ELECTRIC PANEL	OFD	OVERFLOW DRAIN	UNF	UNFINISHED
EQ	EQUAL	OFFC	OFFICE	UON	UNLESS OTHERWISE NOTED
EQPT	EQUIPMENT	OFOI	OWNER FURNISHED OWNER INSTALLED	UP	UPHOLSTERED PANELS
EW	EACH WAY			VAL	VALANCE
EXH	EXHAUST	OPNG	OPENING	VAR	VARIES
EXP	EXPANSION	OPP	OPPOSITE	VCT	VINYL COMPOSITION TILE
EXPO	EXPOSED	OPQ	OPA		

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE CODES RELATED TO THIS PROJECT.
2. CONTRACTOR SHALL VERIFY ALL CONTRACT DOCUMENTS, SITE DIMENSIONS AND EXISTING CONDITIONS PRIOR TO STARTING WORK AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR INCONSISTENCIES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REINSTALLING EXISTING STRUCTURES INCLUDING UTILITIES IMPROVEMENTS AND FINISHES AS IS REQUIRED IN THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL IN THE WORK OF ALL TRADES, PERFORM ANY AND ALL CUTTING, PATCHING, REPAIRING, RESTORING AND THE LIKE NECESSARY TO COMPLETE THE WORK AND TO REPLACE AND REPAIR ANY DAMAGED OR AFFECTED EXISTING SURFACES RESULTING FROM THE WORK OF THIS CONTRACT TO THEIR ORIGINAL CONDITION AND PAID FOR BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.
4. ALL EXISTING UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL REMAIN IN USE AND SHALL BE PROTECTED AT ALL TIMES BY THE CONTRACTOR DURING CONSTRUCTION, UNLESS SPECIFIED ON THE PLANS TO BE ABANDONED. ANY DAMAGES TO THE EXISTING UTILITIES SHALL BE REPAIRED AND PAID FOR BY THE CONTRACTOR. PERSONAL INJURY RESULTING FROM CONTACT WITH THE EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS CONSTRUCTION METHODS AND FOR JOB SITE SAFETY REQUIREMENTS AND PRECAUTIONS.
6. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE CONTINUOUS PUBLIC, STATE, FEDERAL AND AIRLINES INGRESS, EGRESS, AND AIRPORT OPERATIONS TO ALL SECTORS OF AIRPORT FACILITIES DURING NORMAL OPERATING HOURS. IF WORK SHALL BE PERFORMED DURING AIRPORT OFF HOURS, CONTRACTOR SHALL COORDINATE THEIR WORK ACCORDINGLY WITH STATE ENGINEER. CONTRACTOR SHALL PROVIDE CONSTRUCTION BARRICADE LAYOUT TO STATE ENGINEER FOR REVIEW AND APPROVAL. TEMPORARY SIGNAGE SHALL BE PROVIDED FOR BOTH PASSENGER AND DOTA EMPLOYEE WAY FINDING DURING CONSTRUCTION AND SHALL BE CLEARLY VISIBLE AND PROVIDE DIRECT ACCESS ROUTE TO ALL PORTIONS OF AIRPORT AND THROUGH CONSTRUCTION AREAS WHERE NECESSARY.
7. THE WORD "STATE ENGINEER" REFERS TO A DEPARTMENT OF TRANSPORTATION AIRPORTS DIVISION PROJECT MANAGER OR DESIGNATED REPRESENTATIVE PERSONNEL.

ARCHITECTURAL SYMBOL LEGEND

	COLUMN LINE LETTERS IN ONE DIRECTION, NUMBERS IN THE OTHER		DIMENSION TO CENTER LINE TYPICAL
	GRID LINES FOR SURVEYOR'S GRID, MODULE GRID, ETC.		DIMENSION TO FACE OF WALL OR PARTITION
	SECTION SECTION IDENTIFICATION SHEET WHERE SECTION IS DRAWN		FURRING SEE EXTERIOR WALL AND PARTITION SCHEDULE
	DETAIL DETAIL IDENTIFICATION SHEET WHERE DETAIL IS DRAWN		INTERIOR PARTITION TYPES SEE EXTERIOR WALL AND PARTITION SCHEDULE
	REVISION CLOUD AROUND REVISION		WOOD, FINISH
	INTERIOR ELEVATION KEY - TYPE 1 (WO) ELEVATION IDENTIFICATION SHEET WHERE ELEVATION IS DRAWN ELEVATIONS UNFOLD CLOCKWISE		WOOD FRAMING THROUGH MEMBER
	INTERIOR ELEVATION KEY - TYPE 2 (WO) ELEVATION IDENTIFICATION SHEET WHERE ELEVATION IS DRAWN "A" SERIES DRAWINGS ASSUMED ELEVATIONS UNFOLD CLOCKWISE		WOOD FRAMING INTERRUPTED MEMBER
	PLYWOOD		CEMENTITIOUS BACKER BOARD
	GLASS		ACOUSTICAL TILE, BOARD, OR PANEL
	NEW CONSTRUCTION		GYPSUM BOARD
	EXISTING CONSTRUCTION TO BE REMOVED		RIGID INSULATION
			RESILIENT FLOORING (SHOW PROFILE ONLY)





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LICENSE EXPIRATION DATE: 04/30/18

DSGN.	DRWN.	CHKD.	APPD.

PROJECT LOCATION

NO.:	DATE:	REVISIONS:
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MINOR REPAIR
AT VIDEO ROOM, HNL
HONOLULU INTERNATIONAL
AIRPORT
HONOLULU, HAWAII

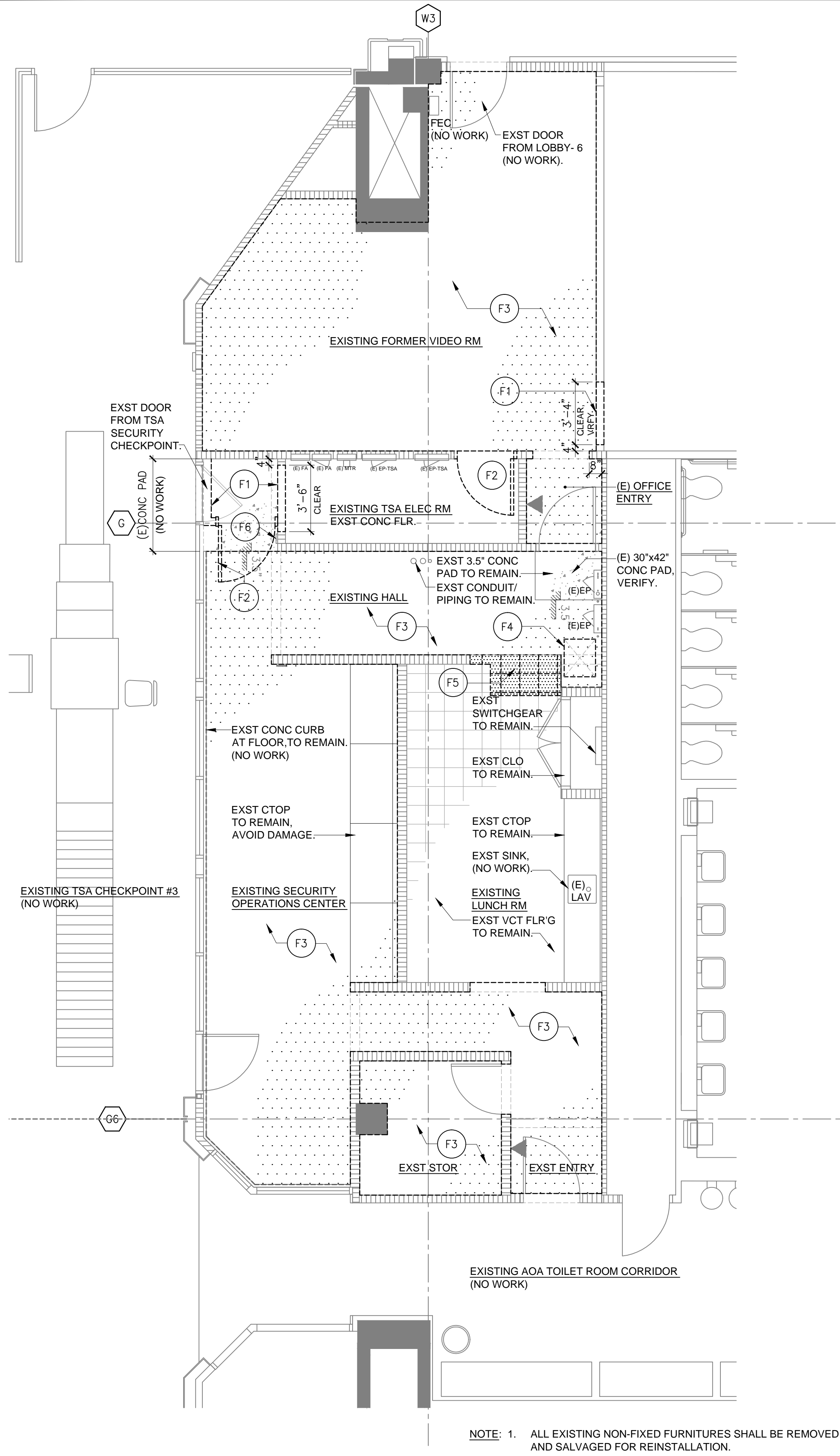
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DATE:	T-2
3/31/16	
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<u>2</u> OF <u>14</u>	

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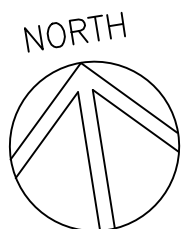
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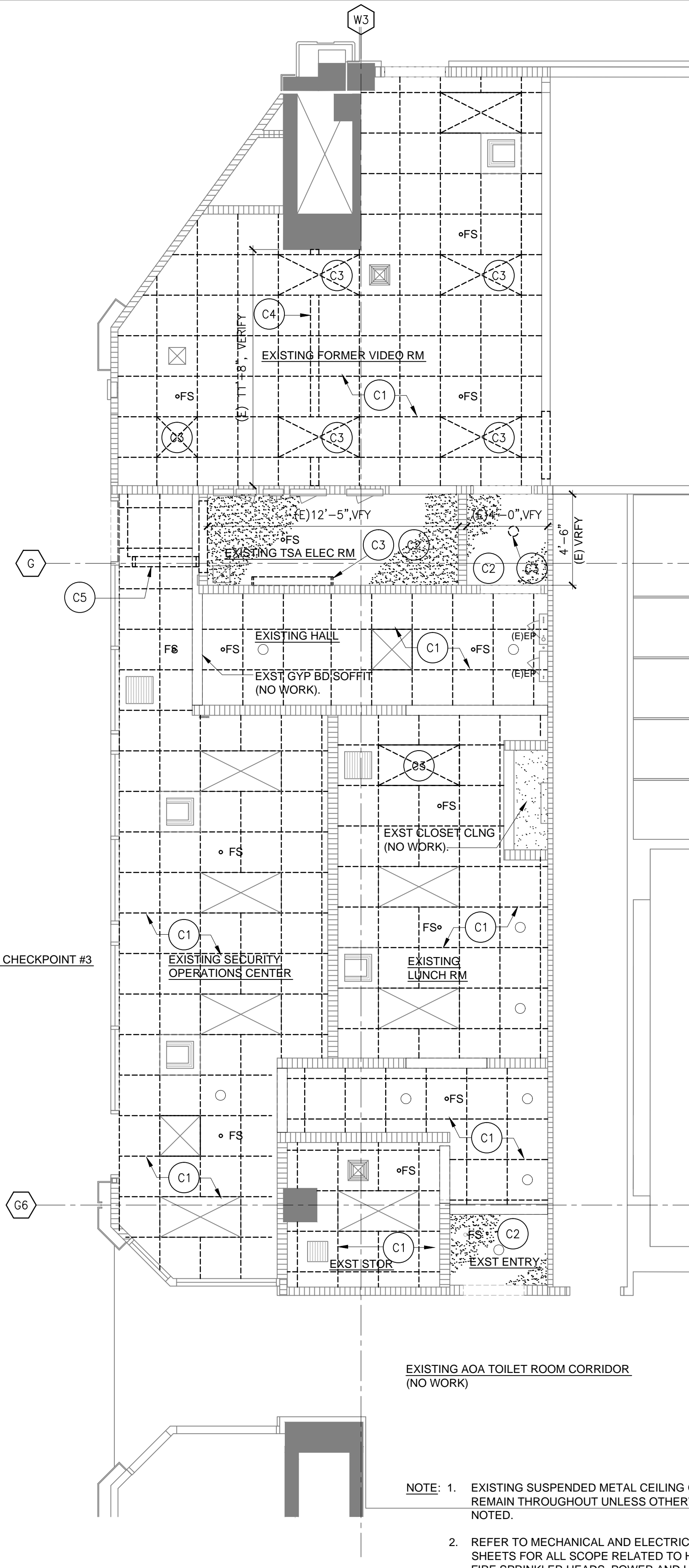


DEMOLITION PLAN
HNL SECURITY VIDEO RM - LEVEL 02

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

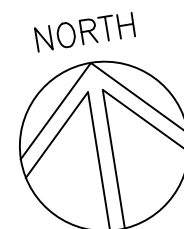


EXISTING TSA CHECKPOINT #3
(NO WORK)



DEMOLITION CEILING
HNL SECURITY VIDEO RM - LEVEL 02

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



DEMOLITION KEYNOTES:

DEMOLITION FLOOR PLAN:

- REMOVE PORTION OF WALL PARTITION, FINISH FLOOR UP TO 7'-0" HEIGHT, WIDTH AS INDICATED.
- REMOVE DOOR, DOOR FRAME, AND ASSOCIATED HARDWARE COMPLETE.
- REMOVE BROADLOOM AND/OR CARPET TILE FLOORING, 4" RUBBER COVE WALLBASE, AND ASSOCIATED ADHESIVE.
- REMOVE AND SALVAGE EXISTING ELECTRICAL TRANSFORMER, FOR REINSTALLATION, SEE ELECTRICAL SHEETS.
- REMOVE PORTION OF EXISTING VINYL TILE FLOORING AS INDICATED. REFER TO NEW FLOOR PLAN WHERE NEW WALL AND NEW FINISH FLOOR OCCURS.
- REMOVE AND RELOCATE EXISTING THERMOSTAT, SEE MECHANICAL SHEETS.

DEMOLITION CEILING:

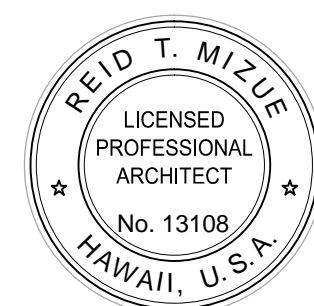
- REMOVE EXISTING ACOUSTIC CEILING PANELS COMPLETE, EXISTING SUSPENDED METAL CEILING GRID TO REMAIN.
- REMOVE EXISTING GYPSUM BOARD CEILING AND ASSOCIATED METAL FRAMING.
- REMOVE EXISTING LIGHT FIXTURES COMPLETE. SEE ELECTRICAL SHEETS.
- REMOVE EXISTING PORTION OF SUSPENDED METAL CEILING GRID. CEILING TO BE AMENDED TO ACCOMMODATE NEW WALL PARTITION. SEE NEW FLOOR PLAN, SHEET A-2.
- REMOVE EXISTING SOFFIT / WALL ABOVE EXISTING DOOR/FRAME TO BE REMOVED.

LEGEND:

- ACOUSTIC CEILING PANEL ONLY REMOVAL, SUSPENDED METAL GRID TO REMAIN.
- GYPSUM BOARD CEILING REMOVAL.
- EXISTING CARPET / CARPET TILE TO BE REMOVED COMPLETE.
- REMOVAL SCOPE, AS INDICATED.
- EXISTING RECESSED 2X4 OR 2X2 FLUORESCENT LIGHT FIXTURE TO REMAIN, (NO WORK), SEE ELECTRICAL SHEETS.
- EXISTING RECESSED 2X4 OR 2X2 FLUORESCENT LIGHT FIXTURE TO BE REMOVED, SEE ELECTRICAL SHEETS.
- EXISTING 6" DOWNLIGHT, TO REMAIN, SEE ELECTRICAL SHTS.
- EXISTING 6" DOWNLIGHT TO BE REMOVED, REINSTALLED, SEE ELECTRICAL SHEETS.
- EXISTING MECHANICAL GRILL, SEE MECHANICAL SHEETS.
- EXISTING FIRE SPRINKLER HEAD, SEE MECH SHTS.
- EXISTING CARD READER, ACCESS CONTROLLED DOOR, (NO WORK).



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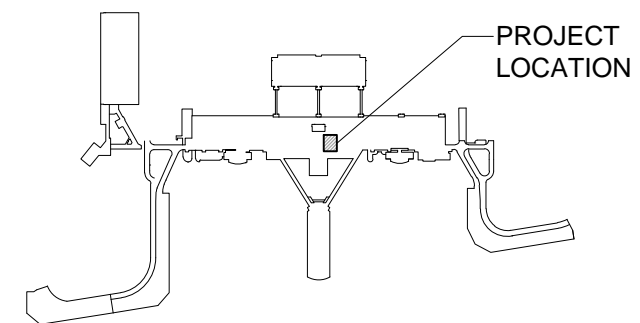


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LICENSE EXPIRATION DATE: 04/30/18

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KEY PLAN / NOTES :



NO.	DATE	REVISIONS
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HONOLULU INTERNATIONAL
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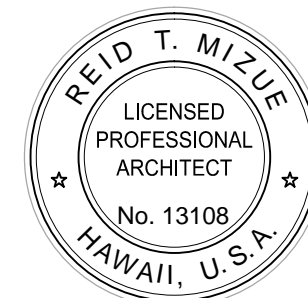
DEMOLITION PLAN AND
DEMOLITION CEILING

DATE:	3/31/16
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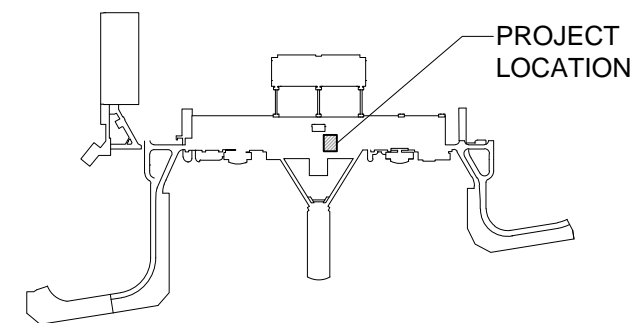
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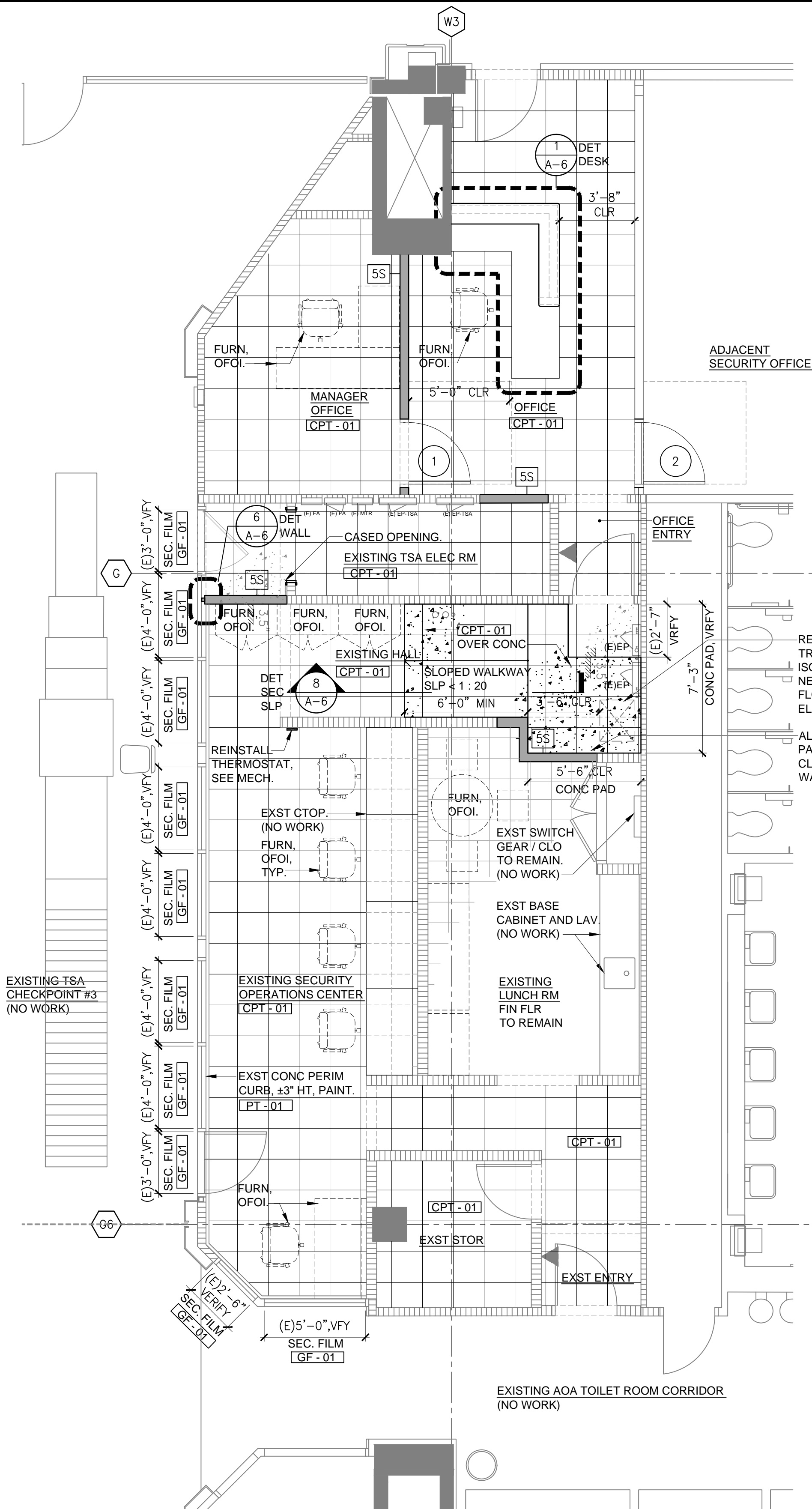
SHEET TITLE :

FLOOR PLAN AND
REFLECTED CEILING PLAN

DATE:
3/31/16
DWG. NO:
4 OF 14

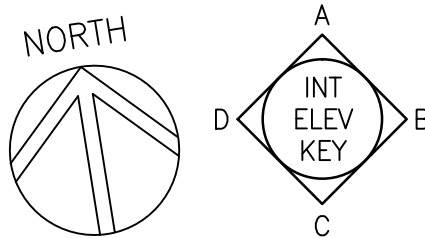
A-2

CO1630-33 - BID SET



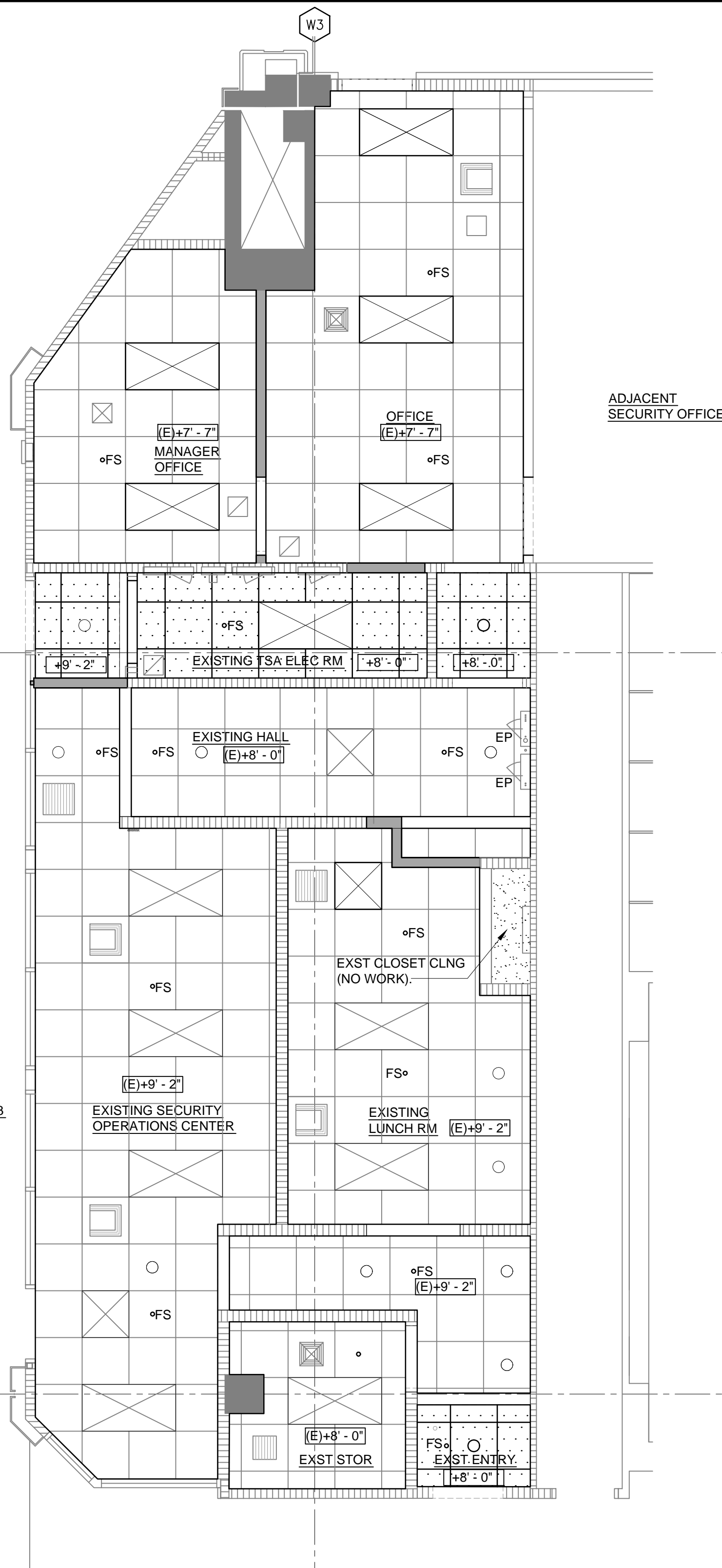
FLOOR PLAN
HNL SECURITY VIDEO RM - LEVEL 02

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



NOTE: 1. ALL EXISTING NON-FIXED FURNITURES SHALL BE REMOVED
AND SALVAGED FOR REINSTALLATION.

EXISTING TSA CHECKPOINT #3
(NO WORK)



REFLECTED CEILING PLAN
HNL SECURITY VIDEO RM - LEVEL 02

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

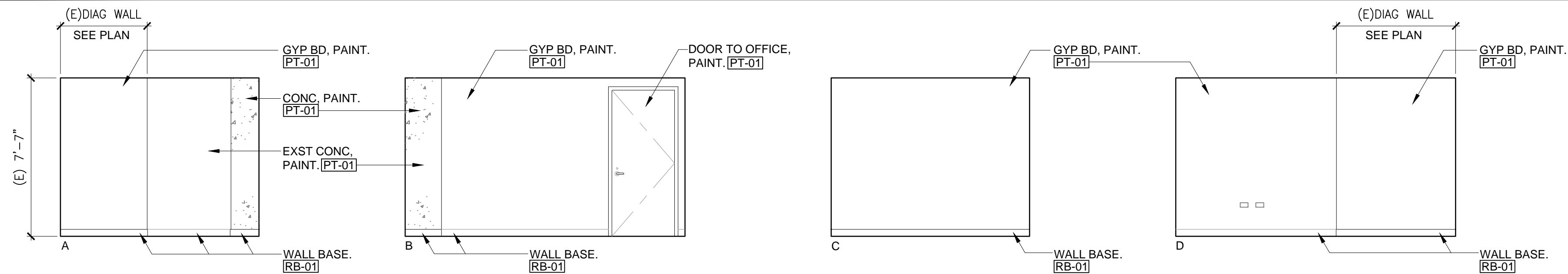


NOTE: 1. ALL EXISTING ACOUSTICAL CEILING PANELS
TO BE REPLACED. EXISTING SUSPENDED METAL
CEILING GRID TO REMAIN THROUGHOUT UNLESS
OTHERWISE INDICATED.

2. REFER TO MECHANICAL AND ELECTRICAL
SHEETS FOR ALL SCOPE RELATED TO HVAC,
FIRE SPRINKLER HEADS, POWER AND LIGHTING
FIXTURES RESPECTIVELY.

LEGEND:

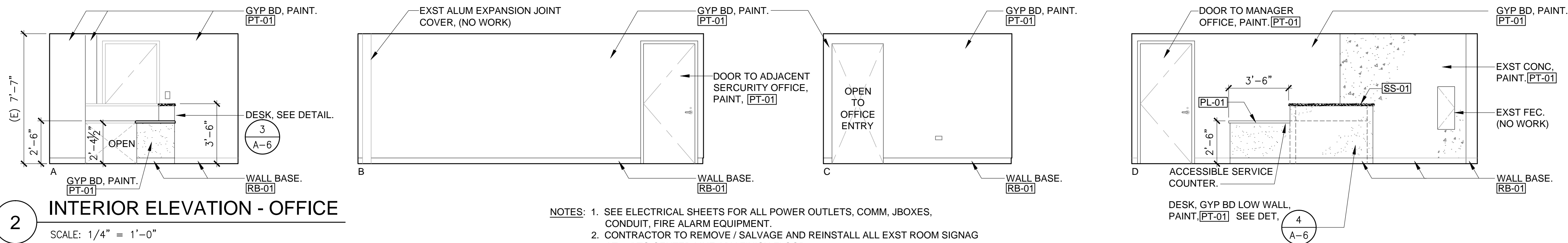
- NEW ACOUSTIC CEILING PANEL, WITHIN EXISTING SUSPENDED METAL GRID / FRAME. [ACP-01]
- NEW SUSPENDED ACOUSTIC CEILING PANELS AND METAL GRID/FRAME. [ACP-01]
- NEW CARPET TILE AND WALL BASE COMPLETE. [CPT-01]
- EXISTING WALL PARTITION.
- EXISTING CONCRETE BUILDING STRUCTURE (TO REMAIN).
- NEW WALL PARTITION / PARTITION WALL INFILL.
- NEW CONCRETE PAD AND SLOPED WALKWAY SURFACE.
- TENANT PROVIDED AND/OR EXISTING FURNITURES TO BE REINSTALLED. (OFCI)
- EXISTING RECESSED 2X4 OR 2X2 FLUORESCENT LIGHT FIXTURE TO REMAIN, (NO WORK), SEE ELECTRICAL SHEETS.
- EXISTING 6" DOWNLIGHT, SEE ELECTRICAL SHEETS.
- NEW 2X4 RECESSED LIGHT FIXTURES, SEE ELECTRICAL SHEETS.
- NEW 6" RECESSED DOWNLIGHT WITHIN SUSPENDED ACOUSTIC PANEL CEILING.
- EXISTING HVAC DIFFUSER / REGISTER, SEE MECHANICAL SHEETS.
- FIRE SPRINKLER HEAD, SEE MECHANICAL SHEETS.



1 INTERIOR ELEVATION - MANAGER OFFICE

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

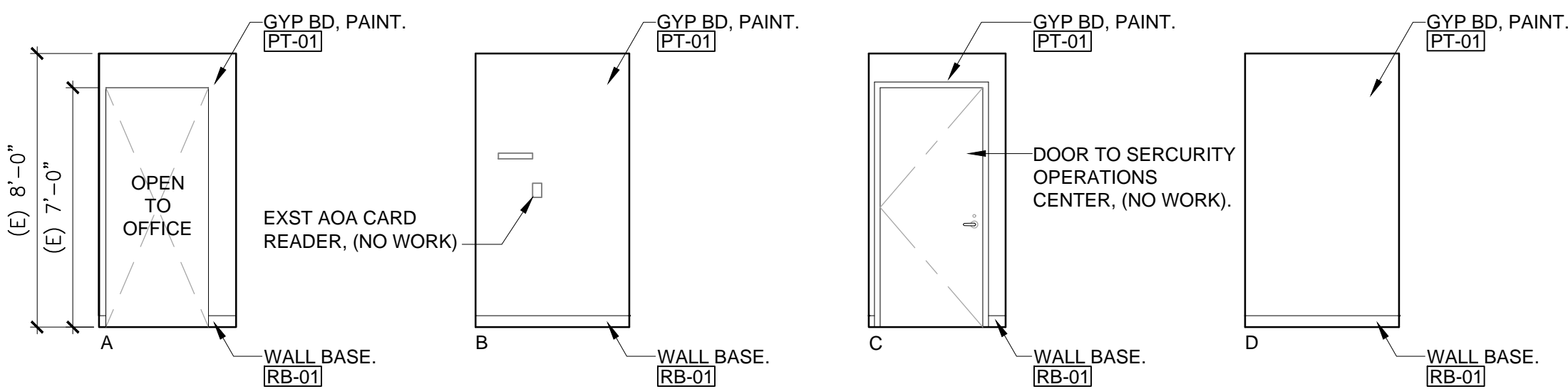
NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAG AT 60" TO CENTER LINE ABV FINISH FLOOR.



2 INTERIOR ELEVATION - OFFICE

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

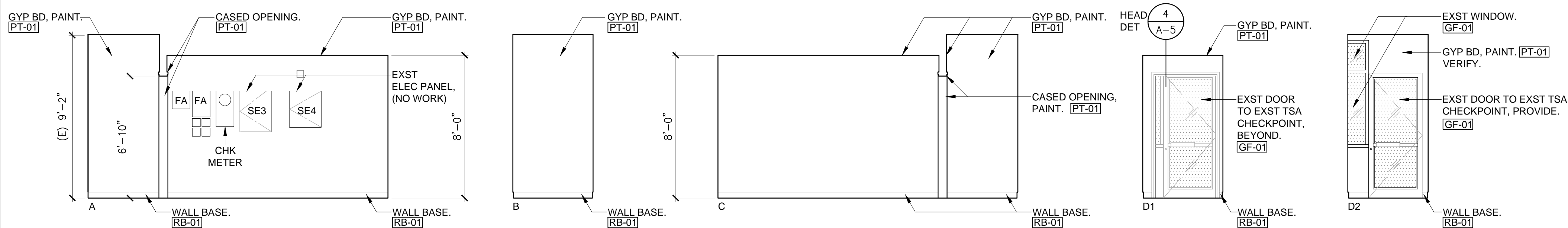
NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAG AT 60" TO CENTER LINE ABV FINISH FLOOR.



3 INTERIOR ELEVATION - OFFICE ENTRY

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

NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAG AT 60" TO CENTER LINE ABV FINISH FLOOR.

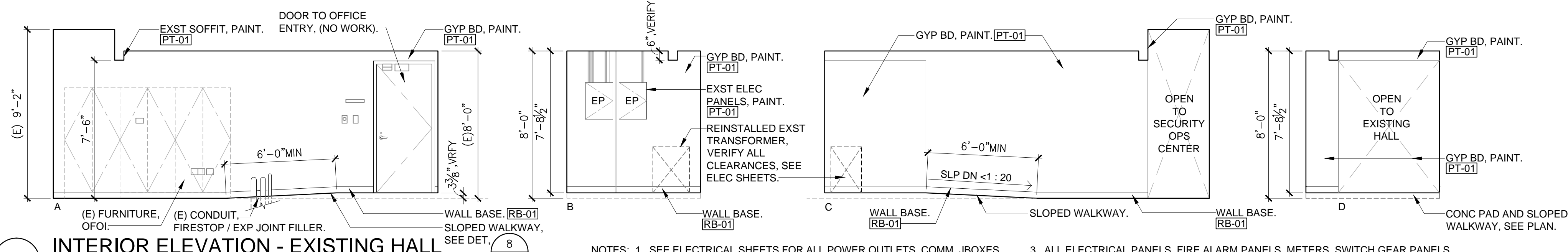


4 INTERIOR ELEVATION - EXISTING TSA ELEC ROOM

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

NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAGE AT 60" TO CENTER LINE ABV FINISH FLOOR.

3. ALL ELECTRICAL PANELS, FIRE ALARM PANELS, METERS, SWITCH GEAR PANELS TO REMAIN UNLESS OTHERWISE NOTED. SEE ELECTRICAL SHEETS.



5 INTERIOR ELEVATION - EXISTING HALL

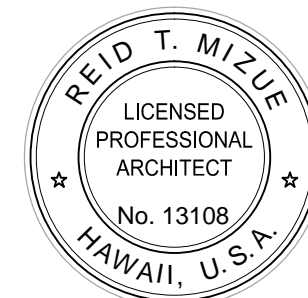
SCALE: 1/4" = 1'-0"

NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAGE AT 60" TO CENTER LINE ABV FINISH FLOOR.

3. ALL ELECTRICAL PANELS, FIRE ALARM PANELS, METERS, SWITCH GEAR PANELS TO REMAIN UNLESS OTHERWISE NOTED. SEE ELECTRICAL SHEETS.



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DEPARTMENT OF TRANSPORTATION
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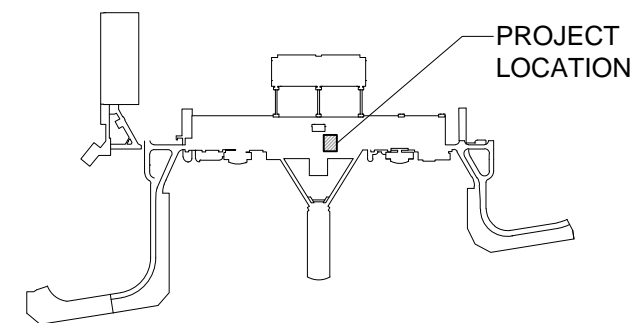


This work was prepared by me or under my supervision and construction of the project will be under my observation. Expiration date 04/30/18.

LICENSE EXPIRATION DATE: 04/30/18

DSGN.	DRWN.	CHKD.	APPD.

KEY PLAN / NOTES :



NO:	DATE:	REVISIONS:

PROJECT TITLE :

MINOR REPAIR
AT VIDEO ROOM, HNL
HONOLULU INTERNATIONAL
AIRPORT
HONOLULU, HAWAII

PROJECT NO. :

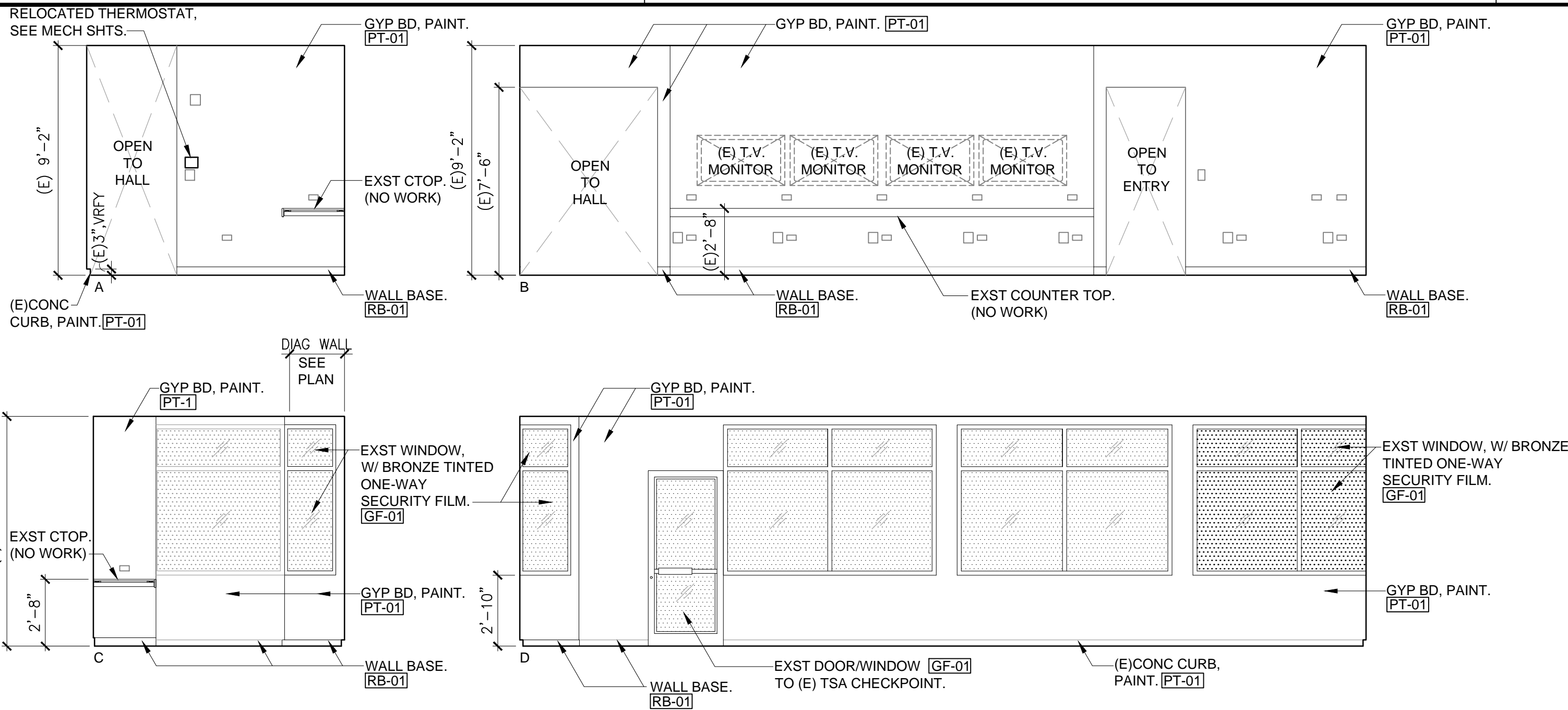
STATE PROJECT NO. CO1630-33

SHEET TITLE :

INTERIOR ELEVATIONS

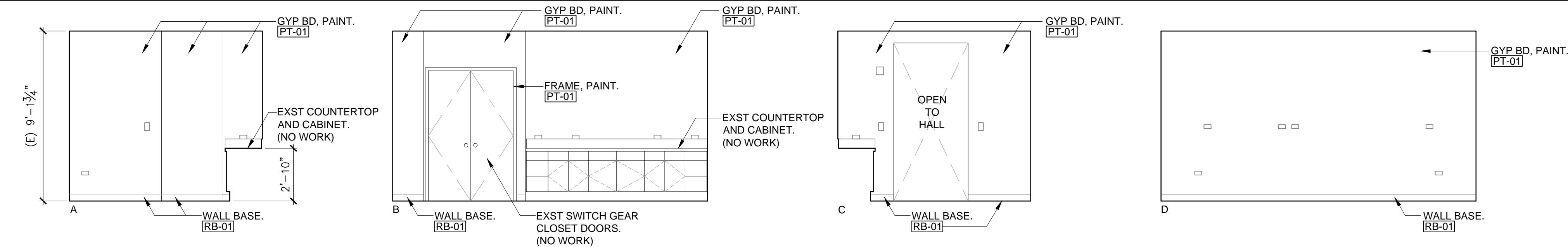
DATE:
3/31/16
DWG. NO:
5 OF 14

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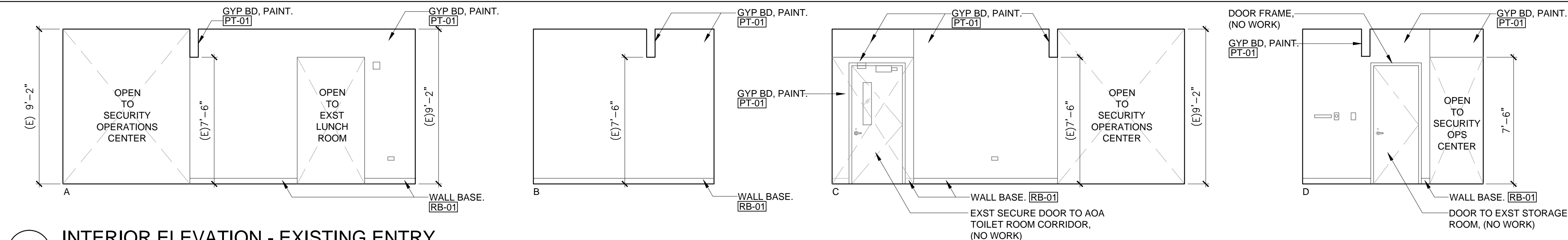
1 INTERIOR ELEVATION - EXISTING SECURITY OPERATIONS CENTER
SCALE: 1/4" = 1'-0"

NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAG AT 60" TO CENTER LINE ABV FINISH FLOOR.



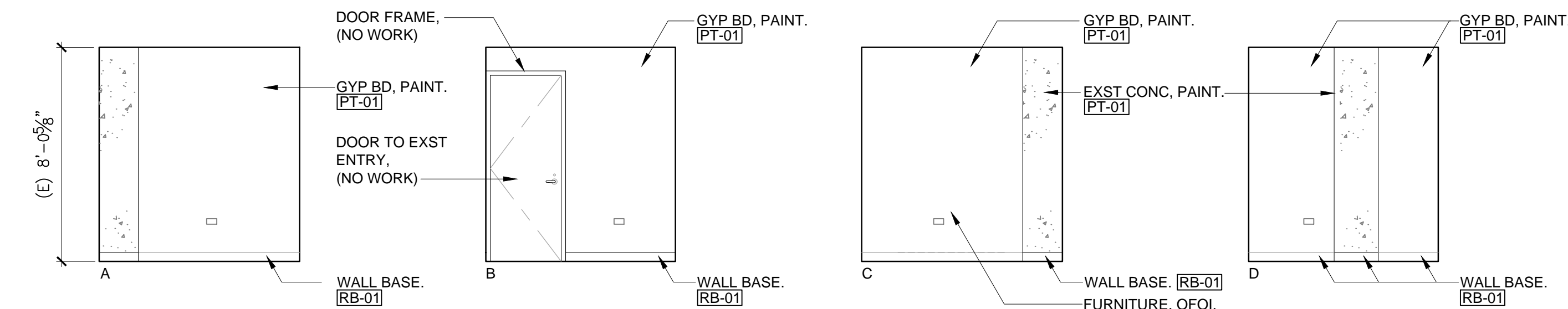
2 INTERIOR ELEVATION - EXISTING LUNCH ROOM
SCALE: 1/4" = 1'-0"

NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAGE.



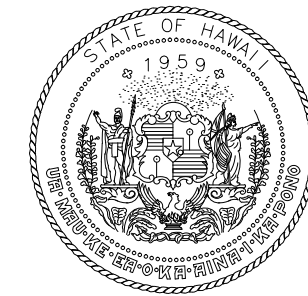
3 INTERIOR ELEVATION - EXISTING ENTRY
SCALE: 1/4" = 1'-0"

NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAGE.

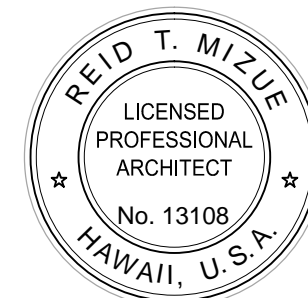


4 INTERIOR ELEVATION - EXISTING STORAGE
SCALE: 1/4" = 1'-0"

NOTES: 1. SEE ELECTRICAL SHEETS FOR ALL POWER OUTLETS, COMM, JBOXES, CONDUIT, FIRE ALARM EQUIPMENT.
2. CONTRACTOR TO REMOVE / SALVAGE AND REINSTALL ALL EXST ROOM SIGNAGE.



Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

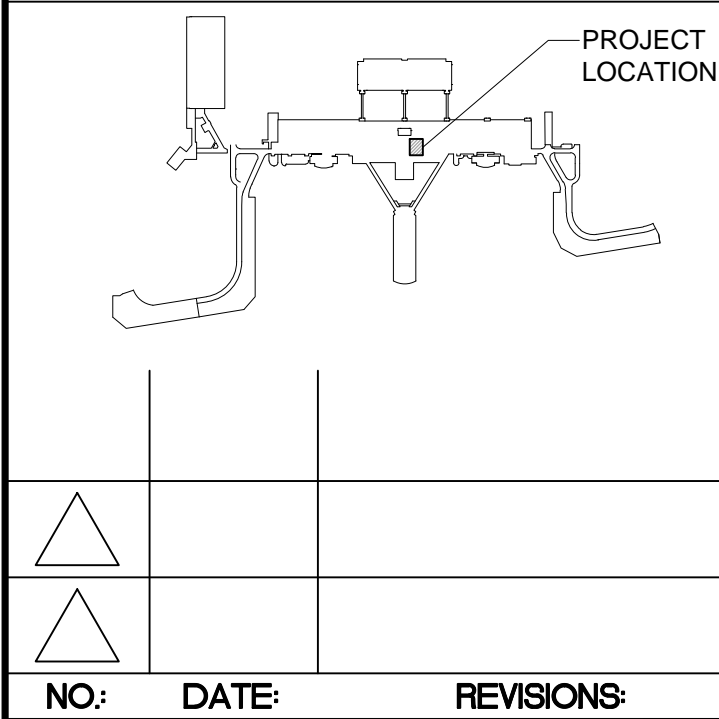


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DSGN.	DRWN.	CHKD.	APPD.

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AT VIDEO ROOM, HNL
HONOLULU INTERNATIONAL
AIRPORT
HONOLULU, HAWAII

PROJECT NO. :

STATE PROJECT NO. CO1630-33

SHEET TITLE :

INTERIOR ELEVATIONS

DATE:
3/31/16
DWG. NO.:
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DOOR TYPES / SCHEDULE

	NO.	TYPE	WIDTH	HEIGHT	THICK	HEAD	JAMB	THRESHOLD	FINISH/ MATERIAL	HDWR GRP	REMARKS
	D1	1	3'-0"	7'-0"	1-3/4"	1 / A-5	1 / A-5	3 / A-5	PAINT GRADE	001	-
	D2	1	3'-0"	7'-0"	1-3/4"	1 / A-5	1 / A-5	2 / A-5	PAINT GRADE	002	-

TYPE	DESCRIPTION	COLOR	FINISH/ PRODUCT INFO.	MANUFACTURER	REMARKS
ACP-01	SUSPENDED ACOUSTICAL CEILING PANELS AND SUSPENDED METAL GRID	DURABRITE (WHITE)	FINE FISSURED, 24" x 24" LAY-IN W/ PRELUDE 15/16" SUSP. SYSTEM. PROVIDE BERC CLIP AND OTHER SEISMIC CLIPS FOR SEISMIC CATEGORY <u>D</u> APPLICATION.	MNF: ARMSTRONG CONTACT: NATHAN KABEI, AMS TEL: (808) 216-2806 EMAIL: nkabei@a-m-si.com	PROVIDE SUBMITTAL COLOR SAMPLE, PRODUCT DATA, SHOP DRAWINGS FOR ARCHITECT REVIEW PRIOR TO FABRICATION AND INSTALLATION. REFER TO FLOOR PLAN LEGEND FOR LOCATIONS OF PANEL REPLACEMENT VS. PANEL AND SUSPENDED METAL CEILING FRAME INSTALLATION.
CPT-01	CARPET TILE, OFCI	MATERIAL FURNISHED BY DOT-A	19" X 19", QUARTER TURN, MATERIAL FURNISHED BY DOT-A	MATERIAL FURNISHED BY DOT-A	CARPET TILE MATERIAL FURNISHED BY STATE DOT-A, ADHESIVE/LABOR/INSTALL BY CONTRACTOR. * SUBMIT CARPET TILE LAYOUT DIAGRAM FOR STATE REVIEW.
PT-01	PAINT - INTERIOR WALL	ALABASTER SW - 7008	SEMI-GLOSS	MNF: SHERWIN WILLIAMS CONTACT: SHARI TSUKAYAMA TEL: (808) 497-2468 EMAIL: shari.sherwin@gmail.com	PROVIDE SUBMITTAL PAINT BRUSHOUTS AND PRODUCT DATA FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION. ALL WALLS TO BE PREPARED FOR PAINT FINISH.
RB-01	RUBBER BASE - COVE BASE	BLACK BROWN BM - 523	RUBBER TYPE TS, 4" HT.	MNF: BURKE CONTACT: SHEILA SURBAN, TRI-WEST TEL: (808) 372-0529 EMAIL: ssurban@trwestltd.com	PROVIDE SUBMITTAL SAMPLE AND PRODUCT DATA FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION.
PL-01	HIGH PRESSURE LAMINATE	AMBER CURLY MAPLE	PIONITE - WM221 SUEDE	MNF: PIONITE CONTACT: JANICE ONISHI, PACIFIC AMERICAN LUMBER TEL: (808) 845-8700 EMAIL: jonishi@pacamlumber.com	PROVIDE SUBMITTAL SAMPLE AND PRODUCT DATA FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION.
SS-01	SOLID SURFACE	MAUI	CORIAN - W/ GLOSS FINISH, SEAMLESS JOINTS	MNF: CORIAN CONTACT: JANICE ONISHI, PACIFIC AMERICAN LUMBER TEL: (808) 845-8700 EMAIL: jonishi@pacamlumber.com	PROVIDE SUBMITTAL SAMPLE AND PRODUCT DATA FOR ARCHITECT / STATE REVIEW PRIOR TO ORDER AND FABRICATION.
			GLAZING FILM - ONE-WAY MIRROR (FACE OF INTERIOR GLASS)	MNF: 3M CONTACT: PACIFIC RIM GLASS AND TINTING TEL: (808) 294-5075 EMAIL: lkcondon@prgthawaii.com	PROVIDE SUBMITTAL SAMPLE AND PRODUCT DATA FOR ARCHITECT / STATE REVIEW PRIOR TO ORDER AND INSTALLATION.
GF-01	GLAZING FILM - ONE-WAY MIRROR (FACE OF INTERIOR GLASS)	- MIRROR 2MIL PRIVACY FILM	- 3M MIRROR SECURITY FILM		
	GLAZING FILM - BRONZE TINTED (OVER ONE-MIRROR FILM)	- BRONZE SUN CONTROL TINT	- 3M SUN CONTROL NIGHT VISION 15		

ACOUSTIC INSULATION.

5/8" GYP BD WALL/SOFFIT, BOTH SIDES, OVER 3-5/8" MET FRAMING. [PT-01]

1" X 2" HDWD TRIM, PAINT. [PT-01]

2" X HDWD FRAME, PAINT. [PT-01]

2X CASED OPENING JAMB, PAINT, [PT-01]

1X HDWD TRIM BEYOND, PAINT. [PT-01]

4DETAIL - HEAD/ JAMB
SCALE: 3" = 1'-0"

HDWD STOP.

FACE OF FRAME.

TRIM BEYOND

DOOR AS SCHEDULED.

FINISH FLOOR, SEE FINISH SCHEDULE.

3DETAIL - THRESHOLD
SCALE: 3" = 1'-0"

HDWD STOP.

FACE OF FRAME.

TRIM BEYOND

DOOR AS SCHEDULED.

ALUMN THRESHOLD.

FINISH FLOOR, SEE FINISH SCHEDULE.

2DETAIL - THRESHOLD
SCALE: 3" = 1'-0"

ACOUSTIC INSULATION.

5/8" GYP BD WALL/SOFFIT, BOTH SIDES, OVER 3-5/8" MET FRAMING. [PT-01]

1" X 2" HDWD TRIM, PAINT. [PT-01]

2" X HDWD FRAME, PAINT. [PT-01]

1/2" X 1 1/2" HDWD STOP, PAINT. [PT-01]

DOOR AS SCHEDULED.

1DETAIL - HEAD/ JAMB
SCALE: 3" = 1'-0"

WALL PARTITION SCHEDULE NOTES:

1. PARTITION TYPES INDICATE GENERIC PARTITION CONSTRUCTION. ROOM MATERIAL CODE INDEX AND FINISH & COLOR SCHEDULE IDENTIFY SPECIFIC MATERIALS. EACH MUST BE USED WITH THIS SCHEDULE TO UNDERSTAND THE TOTAL ASSEMBLY AND ITS FINISHES.

2. EXTERIOR WALL TYPES INDICATE GENERIC WALL CONSTRUCTION. ROOM MATERIAL CODE INDEX AND FINISH & COLOR SCHEDULE IDENTIFY SPECIFIC MATERIALS FOR THE SUBSTRATE AT THE INTERIOR FACE OF THE EXTERIOR WALL. EACH MUST BE USED WITH THIS SCHEDULE TO UNDERSTAND THE TOTAL ASSEMBLY AND ITS FINISHES.

3. TYPICAL CONDITIONS (UON):

A. TERMINATION: TERMINATE STUDS AT STRUCTURAL SOFFIT; ALLOW FOR DEFLECTION. SEE 6/A AND 6/B.

B. PERIMETER RELIEF: WHERE PARTITIONS MEET STRUCTURE OR DISSIMILAR CONSTRUCTION, PROVIDE PERIMETER RELIEF, SEE 6B.

C. TYPICAL PARTITION SUBSTRATE MATERIAL TERMINATIONS: 3-INCHES ABOVE HIGHEST ADJACENT CEILING.

D. FIRE RATED PARTITION FACE MATERIAL TERMINATIONS: CONTINUOUS FROM TOP OF FLOOR SLAB TO SOFFIT OF STRUCTURE ABOVE.

3. CONT'D:

E. ACOUSTICAL PARTITION SUBSTRATE MATERIAL TERMINATIONS: CONTINUOUS FROM TOP OF FLOOR SLAB TO SOFFIT OF STRUCTURE ABOVE.

F. SMOKE STOP PARTITION SUBSTRATE MATERIAL TERMINATIONS: EXTEND FACE OF MATERIAL ON ONE SIDE ONLY TO STRUCTURE ABOVE; TERMINATE OPPOSITE SIDE 3" ABOVE HIGHEST CEILING.

4. SPECIAL OR NON-TYPICAL CONDITIONS ARE INDICATED BY SUBSCRIPT TO THE PARTITION TYPE INDICATOR:

SUBSCRIPT S: ACOUSTICAL INSULATION
SUBSCRIPT T: THERMAL INSULATION

EXAMPLE WALL PARTITION TAG (SEE FLOOR PLANS):

5SX

SUBSCRIPT X: CONCEALED BACKING.
SUBSCRIPT S: ACOUSTIC INSULATION.
PARTITION TYPE.

TYPE B OR C MET STUD RUNNER WITH 2" FLANGE.

STRUCTURAL SOFFIT.

ACOUSTICAL SEALANT, TAPE WHERE EXPOSED.

MET TRIM.

FASTENER.

MET STUD TYPICAL.

GYP BD.

STRUCTURE.

ACOUSTICAL SEALANT, TAPE WHERE EXPOSED.

MET TRIM.

MET STUD.

GYP BD (2-LAYERS WO)

6TYPICAL WALL PARTITION TERMINATIONS
SCALE: 3" = 1'-0"

3-5/8"

5/8" GYP BD TO UNDERSIDE OF STRUCTURE, BOTH SIDES

20 GA. MET STUD @ 16" OC.

ACOUSTICAL INSULATION.

5WALL PARTITION
SCALE: 3" = 1'-0"

Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

REID T. MIZUE
LICENSED PROFESSIONAL ARCHITECT
No. 13108
HAWAII, U.S.A.

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LICENSE EXPIRATION DATE: 04/30/18

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KEY PLAN / NOTES :

NO:	DATE:	REVISIONS:

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HONOLULU INTERNATIONAL
AIRPORT
HONOLULU, HAWAII

PROJECT NO. :

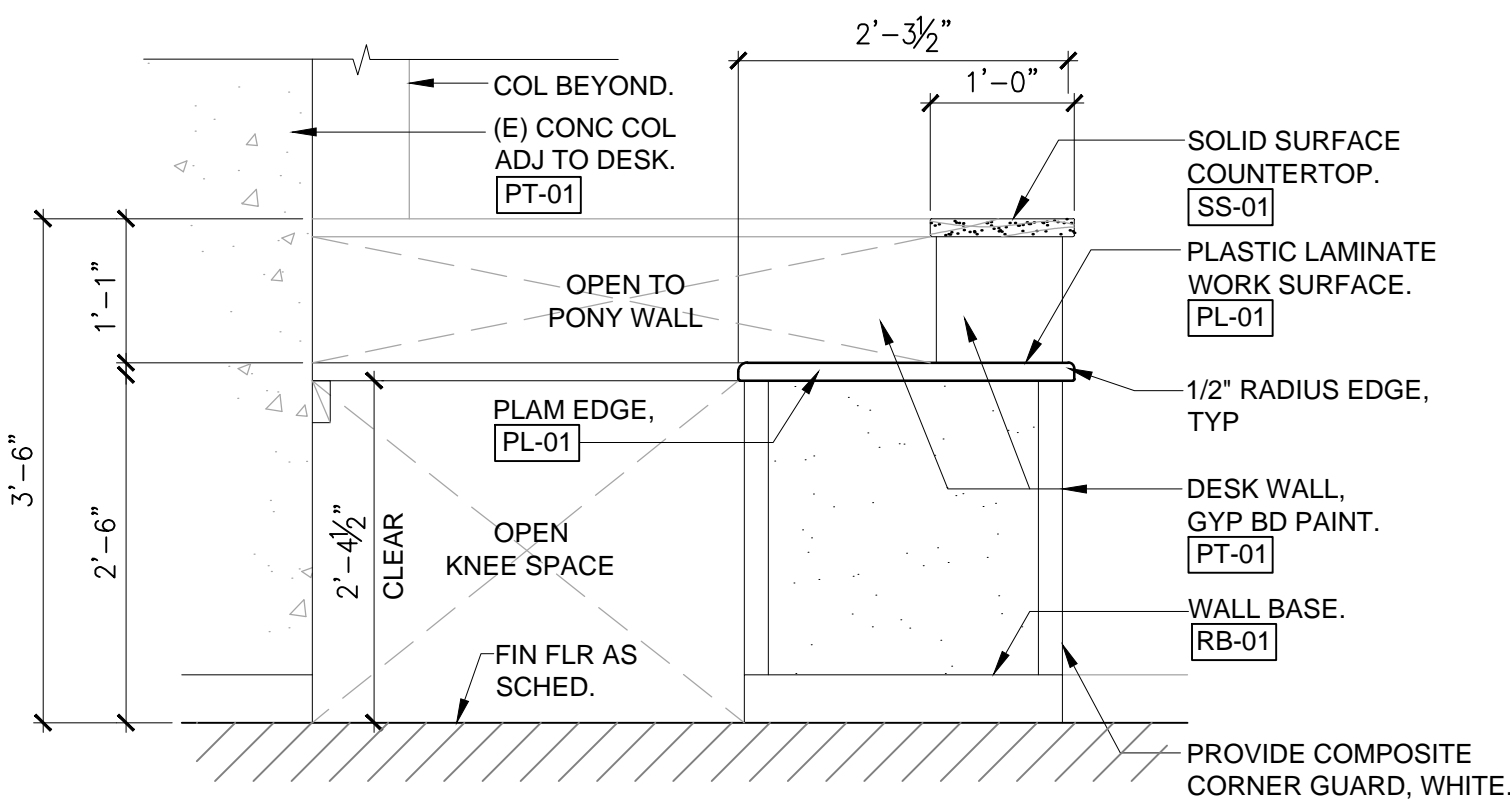
STATE PROJECT NO. CO1630-33

SHEET TITLE :

DOOR TYPE/ SCHEDULE,
DOOR DETAILS, FINISH/
MATERIAL SCHEDULE
WALL PARTITIONS

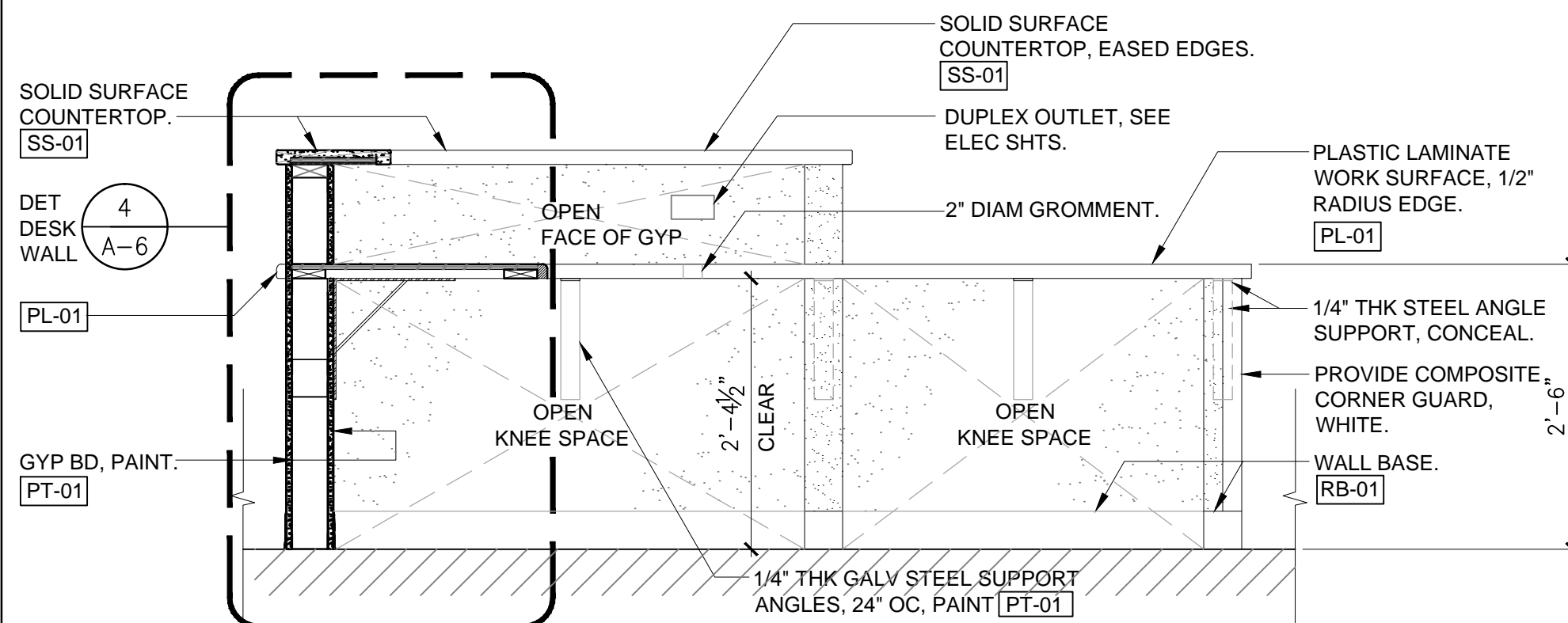
DATE:	A-5
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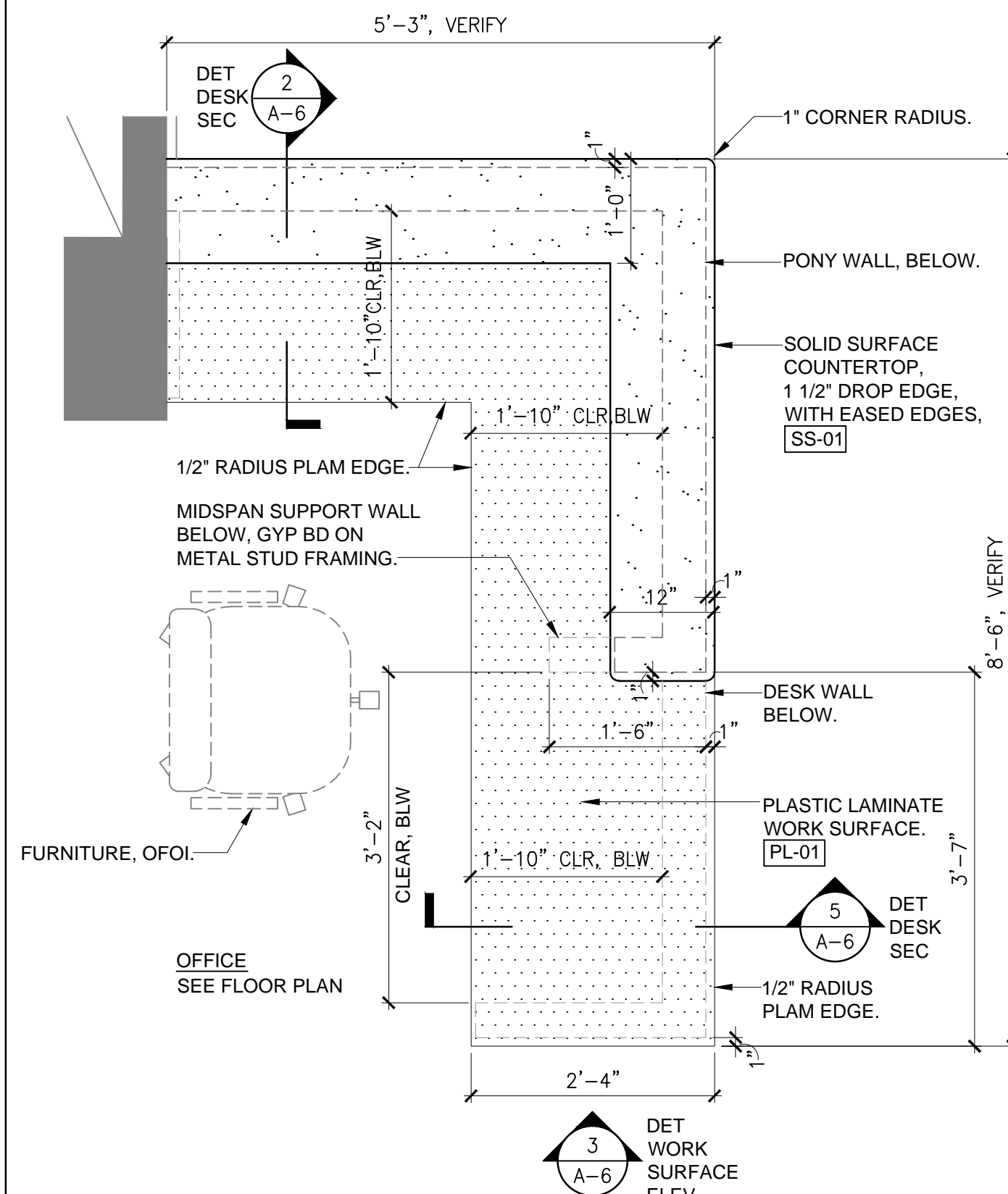
3 DETAIL - WORK SURFACE ELEV

SCALE: 3/4" = 1'-0"



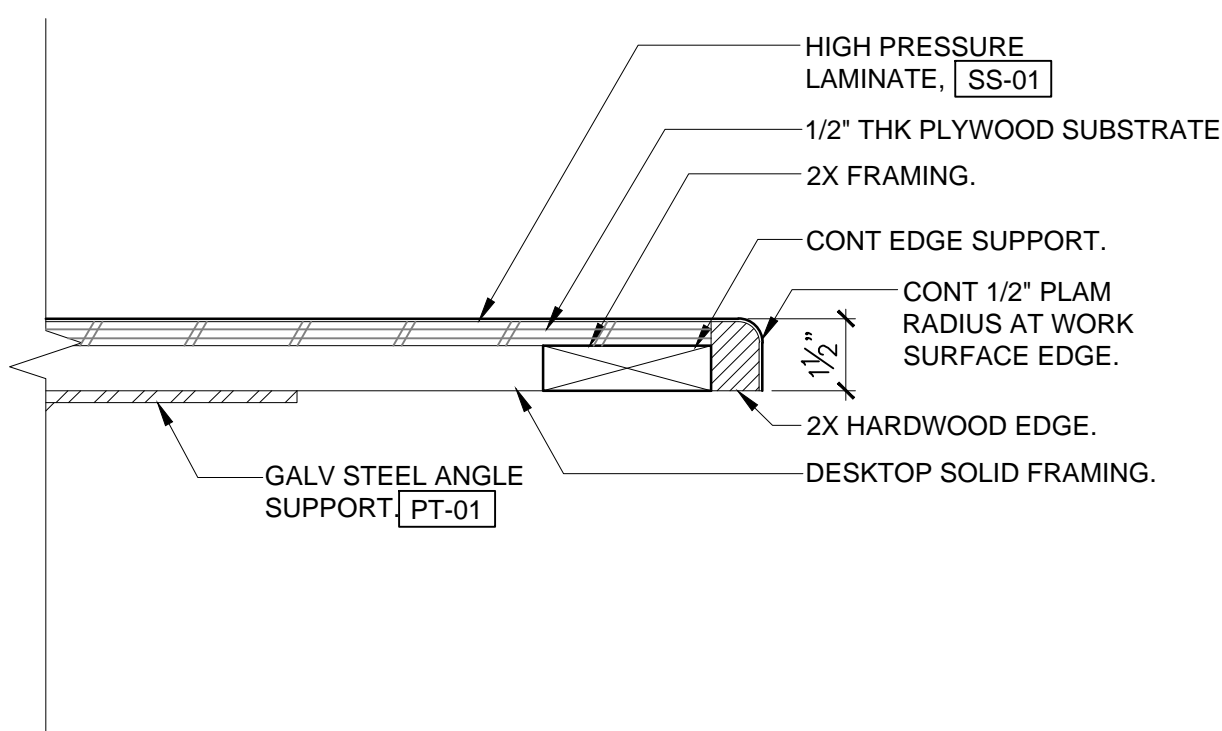
2 DETAIL - DESK SECTION

SCALE: 3/4" = 1'-0"



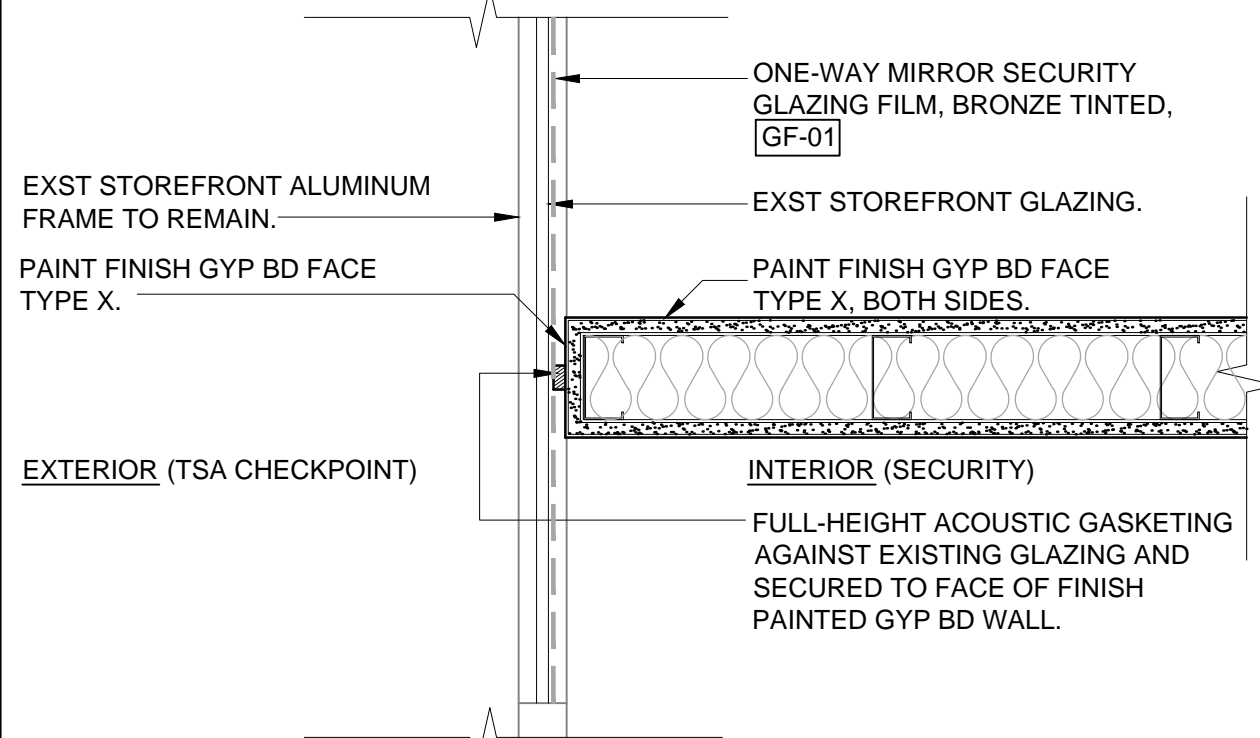
1 DETAIL - DESK

SCALE: 3/4" = 1'-0"



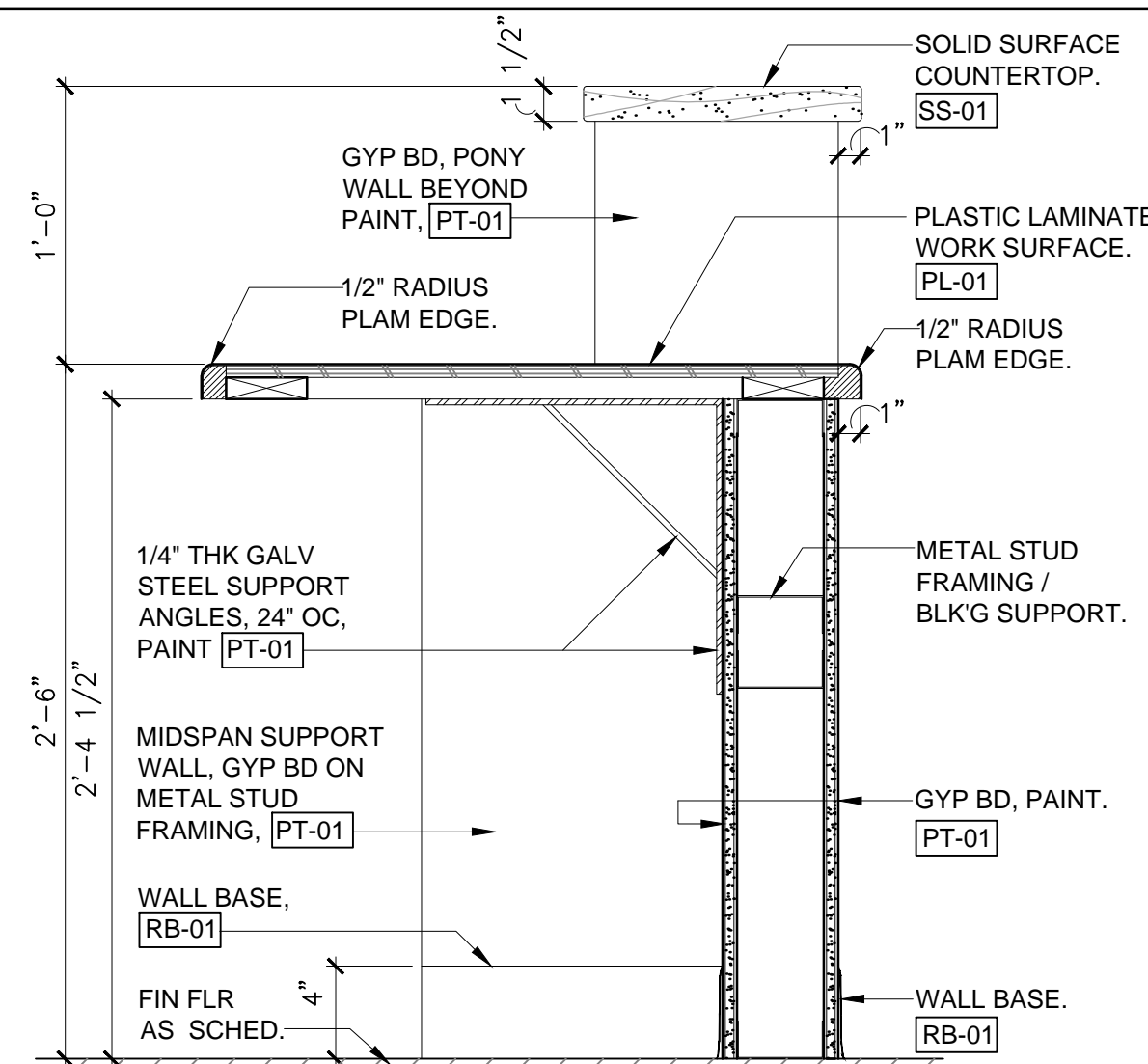
7 DETAIL - EDGE

SCALE: 3" = 1'-0"



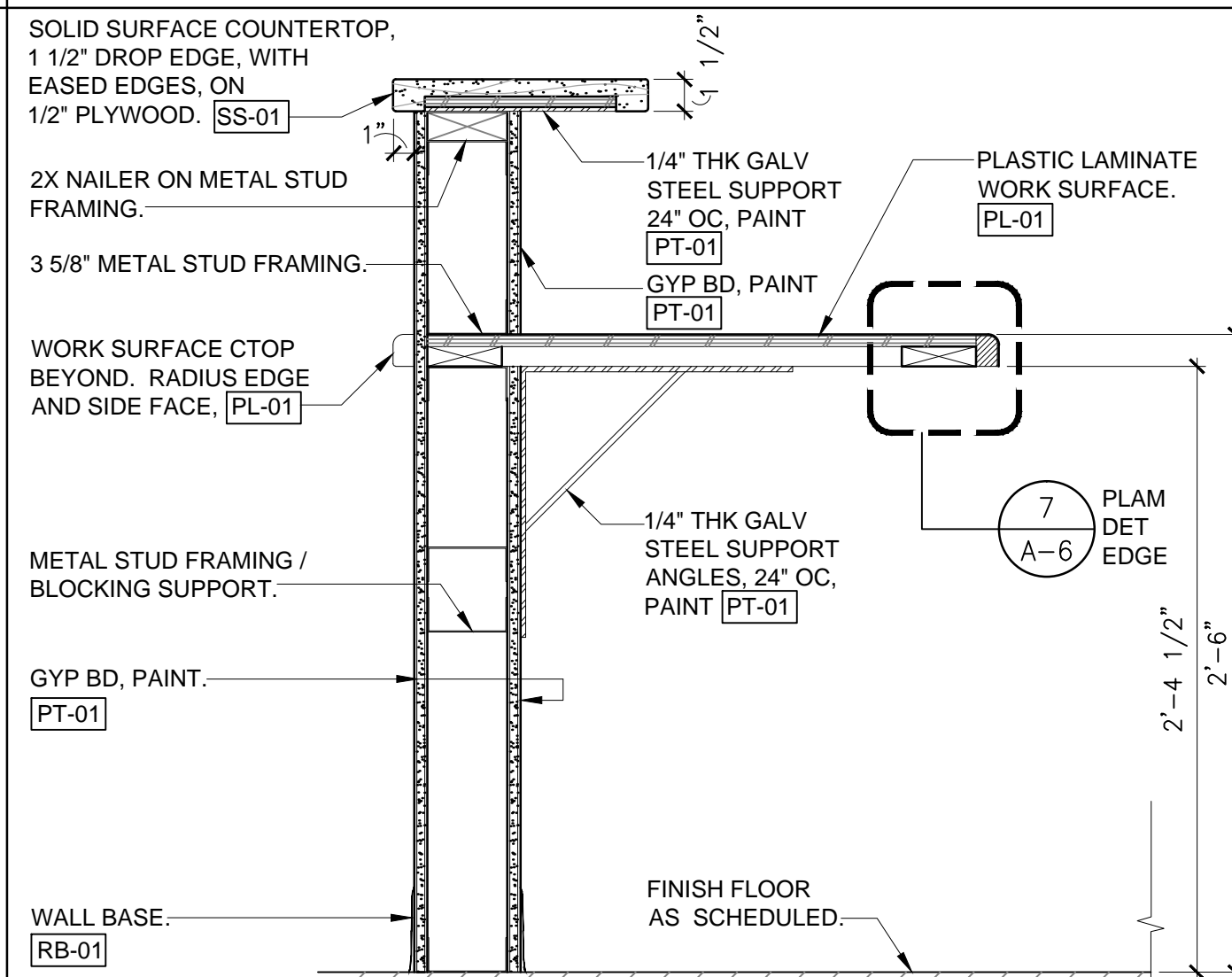
6 DETAIL - WALL AT GLAZING

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



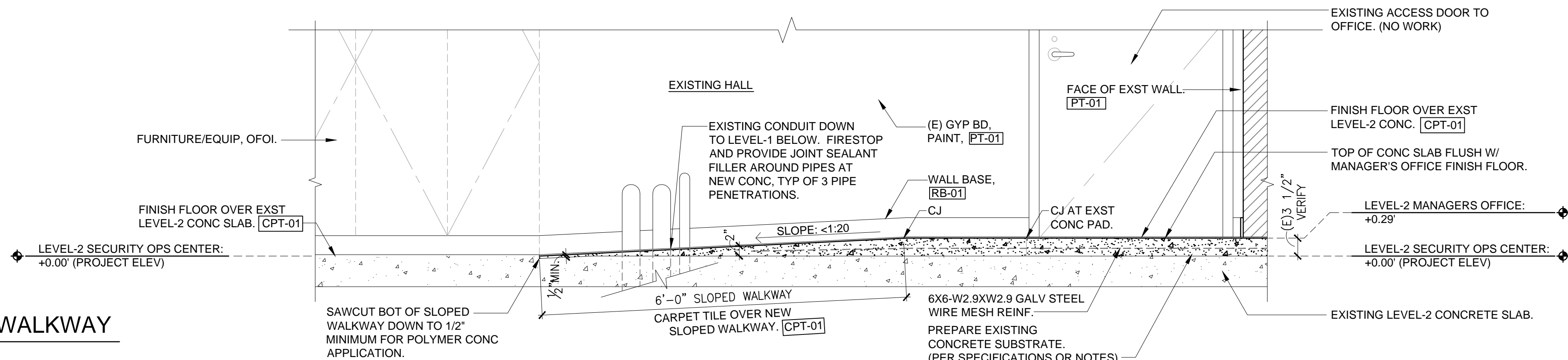
5 DETAIL - DESK SECTION

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



4 DETAIL - DESK WALL

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

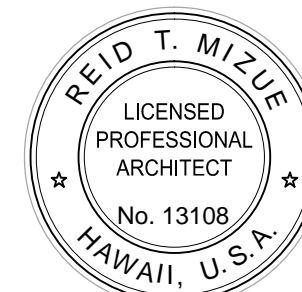


8 DETAIL - SLOPED WALKWAY

SCALE: 3/4" = 1'-0"



Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

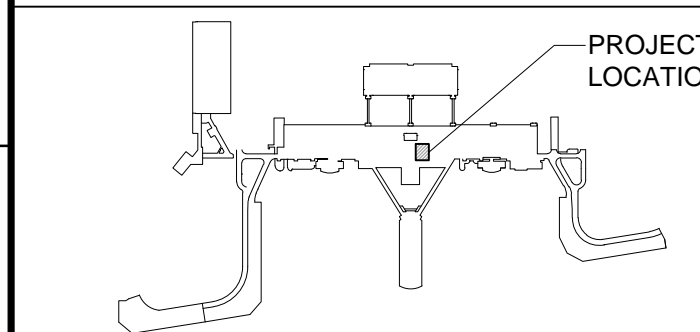


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AIRPORT
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STATE PROJECT NO. CO1630-33

SHEET TITLE :

DETAILS

DATE:	
3/31/16	
DWG. NO.:	
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GENERAL NOTES:

1.

CONSTRUCTION DOCUMENTS CONSIST OF DESIGN DRAWINGS (DWG) AND WRITTEN SPECIFICATIONS (SPEC). WHEREVER DISCREPANCIES OR CONFLICTS ARE FOUND BETWEEN DWG AND SPEC, THE MORE STRINGENT REQUIREMENTS/CRITERIA SHALL GOVERN.
2.

ALL WORK SHOWN ON THESE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED.
3.

EXISTING CONDITIONS AND DIMENSIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE PRIOR TO ORDERING MATERIALS AND PROCURING EQUIPMENT, SUCCESSFUL BIDDER (CONTRACTOR) SHALL BE REQUIRED TO VERIFY ALL EXISTING CONDITIONS, INCLUDING BUT NOT LIMITED TO EQUIPMENT, MATERIALS, SIZES, DIMENSIONS, INVERTS, AND VOLTAGES THAT AFFECT HIS WORK. SUBMIT A LETTER TO THE ENGINEER CONFIRMING THAT THIS WAS DONE. IF WRITTEN CONFIRMATION IS NOT RECEIVED BY THE ENGINEER, SHOP DRAWINGS AND OTHER SUBMITTALS WILL BE RETURNED WITHOUT REVIEW. SHOW ALL DISCREPANCIES ON SHOP DRAWINGS AND NOTIFY THE ENGINEER IN WRITING OF SUCH DISCREPANCIES PRIOR TO PROCUREMENT.
4.

ALL UTILITIES AND APPURTENANCES SHALL BE PROTECTED AT ALL TIMES DURING CONSTRUCTION, AND IF DAMAGED, SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE GOVERNMENT.
5.

CAP AND REMOVE ALL UNUSED PIPING, DO NOT ABANDON IN PLACE.
6.

THIS CONTRACT REQUIRES THE PLUMBING, FIRE PROTECTION, AND MECHANICAL SUBCONTRACTORS TO CAREFULLY COORDINATE THEIR WORK WITH EACH OTHER, THE GENERAL CONTRACTOR AND OTHER TRADES. PRIORITY SHALL BE GIVEN IN THE FOLLOWING ORDER:

A.

GRAVITY FLOW: CONDENSATE DRAIN PIPING.

B.

EQUIPMENT AND DUCTWORK.

C.

FORCED AND PRESSURE PIPING SUCH AS WATER PIPING.
7.

CONTRACTOR SHALL PROVIDE DIELECTRIC UNIONS AT CONNECTION POINTS FOR PIPING OF DISSIMILAR METALS.
8.

FOR ALL WALL PARTITION AND CEILING PENETRATIONS, SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
9.

NO CUTTING OR DRILLING OF ANY STRUCTURAL MEMBERS WILL BE PERMITTED WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.
10.

ALL FASTENERS, SUPPORTS, PIPE HANGERS, SPRING ISOLATORS, AND MISCELLANEOUS STEEL ITEMS INCLUDING BUT NOT LIMITED TO BOLTS, NUTS, SCREWS, RODS, PLATES, AND ANGLES, ETC. SHALL BE GALVANIZED UNLESS OTHERWISE NOTED OR SPECIFIED.
11.

PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS FOR ALL MECHANICAL ITEMS REQUIRING SERVICING AND MAINTENANCE INCLUDING BUT NOT LIMITED TO: VOLUME DAMPERS, FIRE/SMOKE DAMPERS, FIRE DAMPERS, CONDENSATE DRAINS, VALVES, ETC. PROVIDE FIRE-RATED ACCESS PANELS AS REQUIRED. COORDINATE TYPE OF ACCESS PANEL WITH WALL OR CEILING CONTRACTOR. ACCESS PANELS SHALL BE 30"x30" MINIMUM UNLESS OTHERWISE NOTED.

MECHANICAL NOTES:

1.

DUCTWORK SHOWN INDICATES GENERAL LAYOUT REQUIREMENTS. SHOP DRAWINGS SHALL INDICATE ADDITIONAL DUCT OFFSETS, DROPS, RISES, ETC. REQUIRED TO FIT SPACE AVAILABLE. MECHANICAL CONTRACTOR SHALL COORDINATE WITH FIRE SPRINKLER CONTRACTOR AND ELECTRICAL CONTRACTOR TO ENSURE ADEQUATE SPACE IS AVAILABLE FOR SPRINKLER PIPES AND LIGHTS.
2.

ALL DUCT DIMENSIONS ARE INSIDE DIMENSIONS: INCREASE DUCT DIMENSIONS TO COMPENSATE FOR DUCT LINER AND WRAP INSULATION THICKNESS.
3.

TURNING VANES OR EXTRACTORS SHALL BE INSTALLED IN ALL CHANGES IN DIRECTION OF AIR FLOW, WHICHEVER IS APPLICABLE.
5.

ALL FLEXIBLE DUCTS SHALL BE WIRE REINFORCED WITH MINIMUM 1" THICK INSULATION AND MAXIMUM 5'-0" LENGTH WITH BELL MOUTH TAP.
6.

ALL PENETRATIONS OF REQUIRED FIRE RATED WALLS, PARTITIONS AND FLOORS SHALL BE PROVIDED WITH FIRE STOPPING MATERIAL PER UBC.
7.

ENTIRE HVAC SYSTEM SHALL HAVE SEISMIC RESTRAINTS INCLUDING HANGERS, VIBRATION ISOLATION AND FLEXIBLE CONNECTIONS. REFER TO VIBRATION ISOLATION DETAILS.
8.

CONTRACTOR SHALL PROVIDE DIELECTRIC UNIONS AT CONNECTION POINT FOR ALL DISSIMILAR PIPING.
9.

SOLDERING FLUX AND SOLDER SHALL NOT CONTAIN LEAD. SOLDERING FLUX SHALL BE NON-CORROSIVE. SELF-CLEANING SOLDER FLUX SHALL NOT BE USED.
10.

CONDENSATE DRAIN PIPE INSULATION SHALL BE RIGID FIBERGLASS WITH VAPOR BARRIER.
11.

AIR CONDITIONING CONTRACTOR SHALL INSULATE ALL PIPING THAT COLLECTS CONDENSATE INCLUDING WASTE PIPE, ETC. FROM POINT OF CONNECTION TO TOP OF CONCRETE FLOOR SLAB ON GRADE.

FIRE PROTECTION NOTES:

1.

PROVIDE COMPLETE WET PIPE FIRE SPRINKLER PROTECTION FOR ENTIRE AREA OF WORK PER NFPA 13 AND IBC, INCLUDING EXPOSED OR FINISHED CEILING SPACE, OCCUPIED OR UNOCCUPIED ROOM.
2.

OCCUPANCY HAZARD CLASSIFICATION SHALL BE IN ACCORDANCE WITH NFPA 13, EXCEPT THAT UNASSIGNED AND LOFT SPACES SHALL BE CLASSIFIED AS ORDINARY HAZARD.
3.

FIRE PROTECTION CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR AND PLUMBING CONTRACTOR AND OFFSET PIPING TO FIT WORK FROM ALL DISCIPLINES IN SPACE AVAILABLE.
4.

FIRE SPRINKLER HEADS AND PIPING INDICATED ON FLOOR PLANS ARE INTENDED TO SHOW GENERAL ROUTING OF PIPING AND TO PROVIDE CONTROL OF CEILING APPEARANCE. THEY SHOULD NOT BE INTERPRETED TO MEAN COMPLETE LAYOUT OF SPRINKLER SYSTEM (REFER TO NOTE NO. 1 ABOVE). FIRE SPRINKLER HEAD LOCATIONS SHALL NOT BE ALTERED EXCEPT WITH THE APPROVAL OF THE ARCHITECT AND ENGINEER.
5.

WHERE FIRE SPRINKLER HEADS ARE NOT SHOWN, THE CONTRACTOR SHALL DESIGN AND INSTALL A COMPLETE LAYOUT OF FIRE SPRINKLER HEADS TO PROVIDE AN EFFICIENT LAYOUT AND COVERAGE.
6.

PENETRATIONS OF REQUIRED FIRE RATED WALLS, PARTITIONS AND FLOORS SHALL BE PROVIDED WITH FIRE STOPPING MATERIAL PER IBC.
7.

EXPOSED PIPING SHALL PROVIDE MAXIMUM HEADROOM CLEARANCE. OFFSET SHALL BE PROVIDED TO ACHIEVE MAXIMUM HEADROOM CLEARANCE.
8.

PROVIDE SEISMIC PROTECTION FOR PIPING TO PREVENT DAMAGE FROM EARTHQUAKES PER BUILDING CODE.

CONSTRUCTION SHUTDOWN NOTES

1.

DEMOLITION AND INSTALLATION OF THE NEW FIRE PROTECTION, AND AIR CONDITIONING PIPING SYSTEM SHALL BE ACCOMPLISHED WITH MINIMAL INTERRUPTION TO THE FACILITY.
2.

ALL OUTAGES TO THE FIRE PROTECTION AND AIR CONDITIONING SYSTEM SHALL BE COORDINATED WITH THE FACILITY MANAGEMENT AND CONTRACTING OFFICER. SUBMIT A REQUEST FOR ANY OUTAGES WITH THE FACILITY MANAGEMENT AND CONTRACTING OFFICER 15 DAYS PRIOR TO THE OUTAGE DATE. OBTAIN WRITTEN APPROVAL AT LEAST 48 HOURS PRIOR TO THE SHUTDOWN.
3.

CONTRACTOR SHALL FREEZE EXISTING FIRE SPRINKLER AND CHILLED WATER PIPES UPSTREAM AND DOWNSTREAM OF THE POINTS OF CONNECTION TO MINIMIZE WATER SYSTEM OUTAGES.

_____ D _____

_____ CHR _____

_____ CHS _____

_____  _____

_____ - - - _____

LEGEND:

- A/C

AIR CONDITIONING
- AFF

ABOVE FINISHED FLOOR
- AHU

AIR HANDLING UNIT
- AP

ACCESS PANEL
- CD

CEILING DIFFUSER
- CDR

CONDENSATE DRAIN
- CHR

CHILLED WATER RETURN
- CHS

CHILLED WATER SUPPLY
- CHW

CHILLED WATER
- CONN

CONNECT OR CONNECTION
- CONT

CONTINUATION
- DL

DOOR LOUVER
- DN

DOWN
- (E)

EXISTING
- FLXC

FLEXIBLE CONNECTOR
- FRD

FIRE DAMPER
- GC

GENERAL CONTRACTOR
- OA

OUTSIDE AIR
- CONCEALED TYPE PENDENT
FIRE SPRINKLER HEAD
- POC

POINT OF CONNECTION
- RA

RETURN AIR
- RR

RETURN REGISTER
- SA

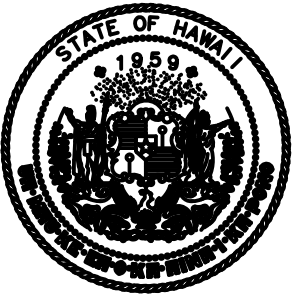
SUPPLY AIR
- SR

SUPPLY REGISTER
- TERM

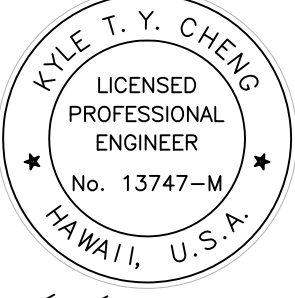
TERMINATE
- TG

TRANSFER GRILLE
- VD

VOLUME DAMPER



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RA	RA	KC	KC

KEY PLAN / NOTES :

NO:	DATE:	REVISIONS:

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AT VIDEO ROOM, HNL
HONOLULU INTERNATIONAL
AIRPORT
HONOLULU, HAWAII

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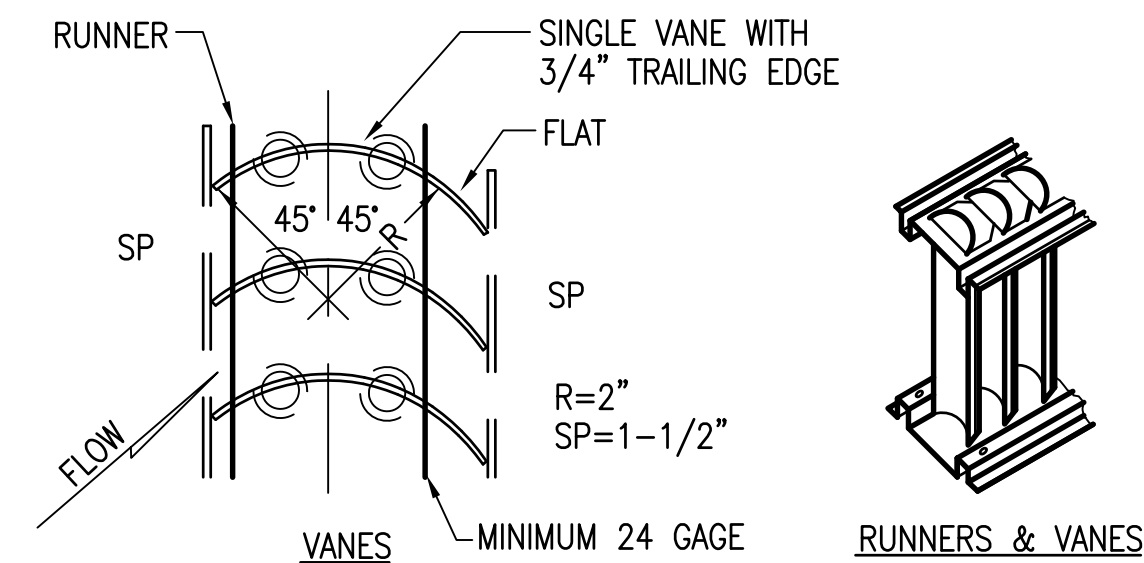
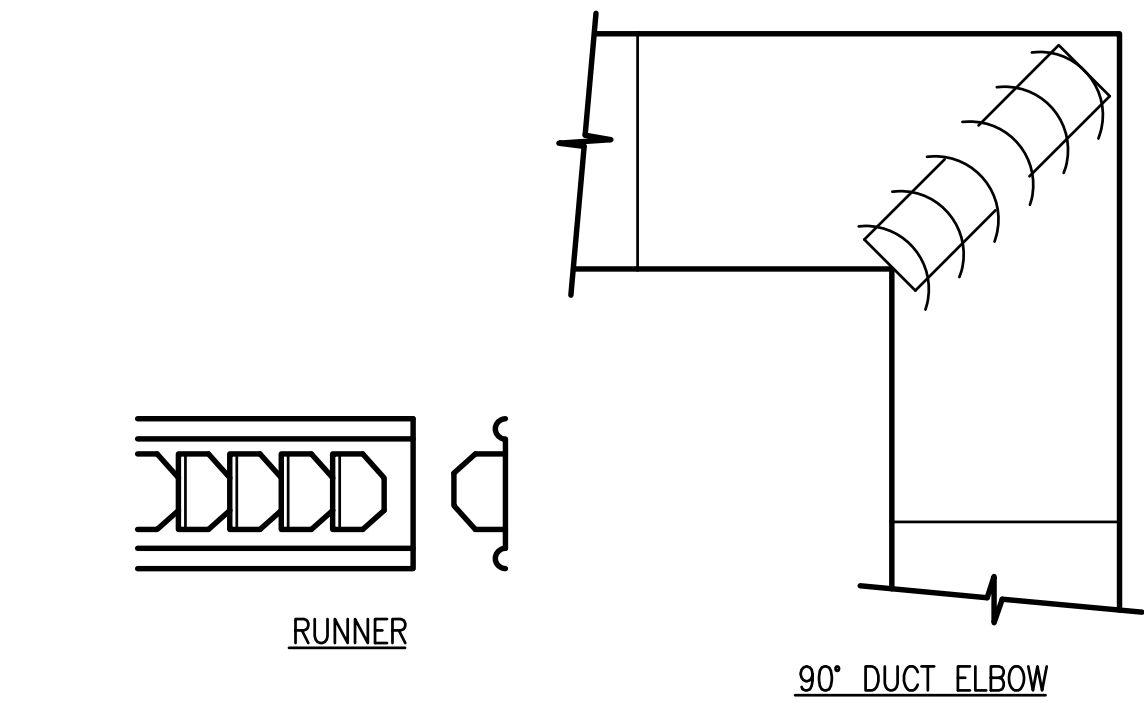
STATE PROJECT NO. CO1630-33

SHEET TITLE :

HVAC GENERAL NOTES,
MECHANICAL NOTES
AND LEGEND

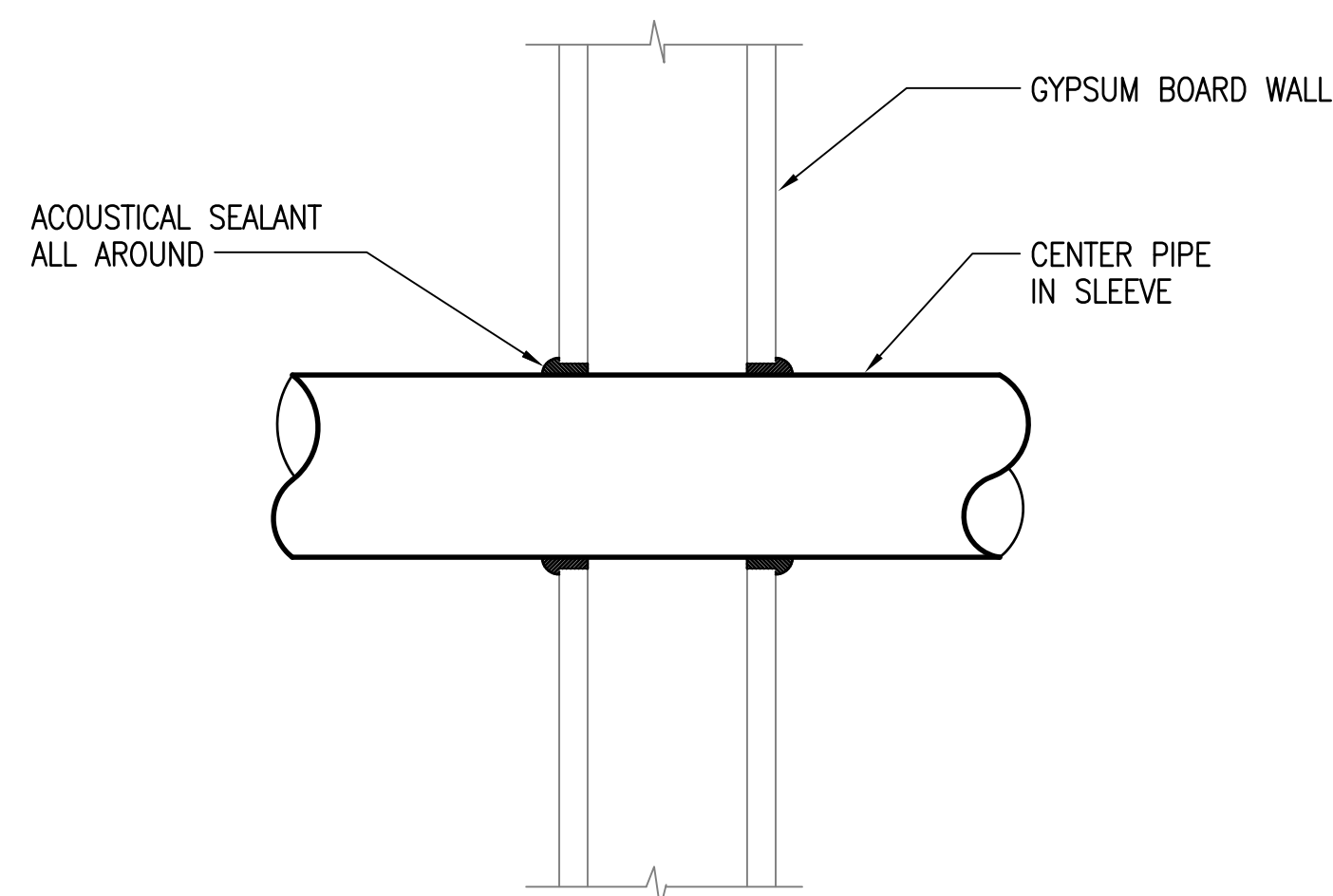
DATE:
3/31/16
DWG. NO:
9 OF 14

M-1

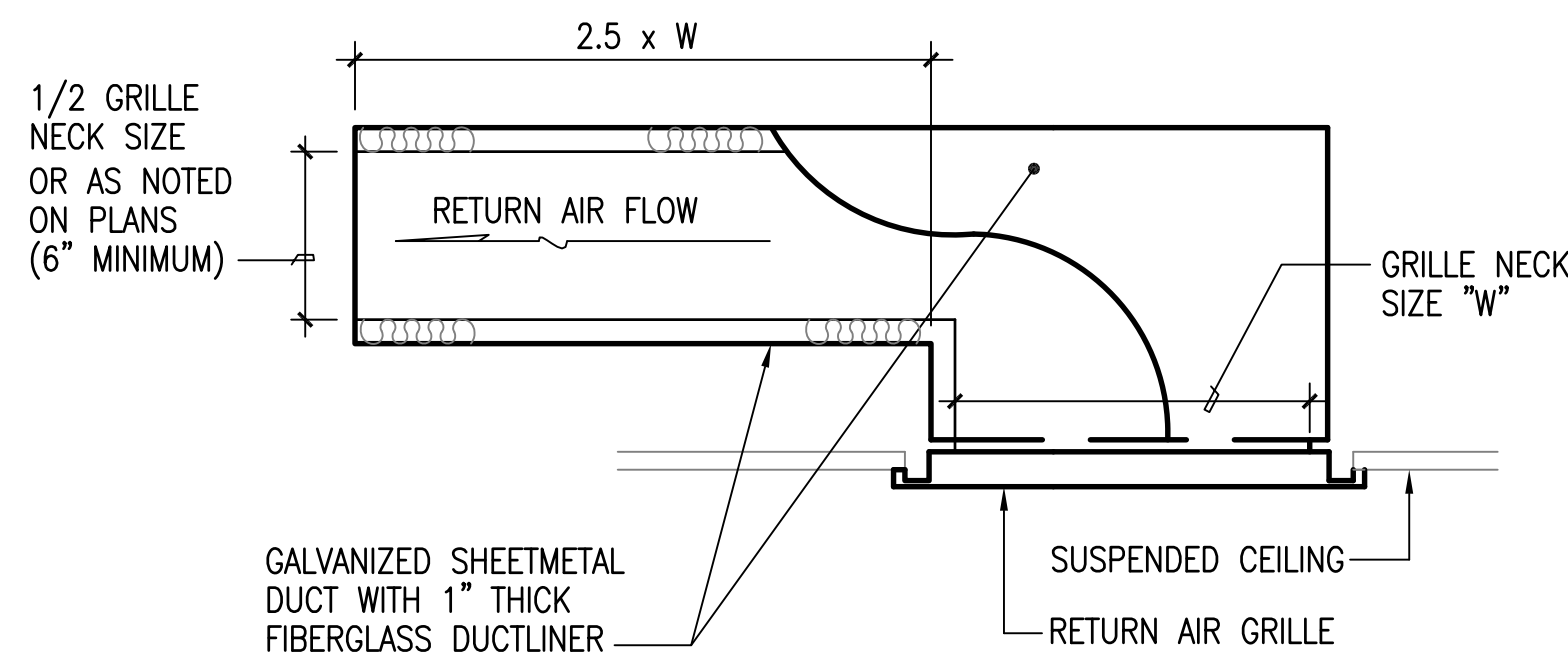


NOTE:
ALL RECTANGULAR DUCTS SHALL HAVE SQUARE ELBOWS WITH TURNING VANES UNLESS INDICATED DIFFERENTLY ON PLANS.

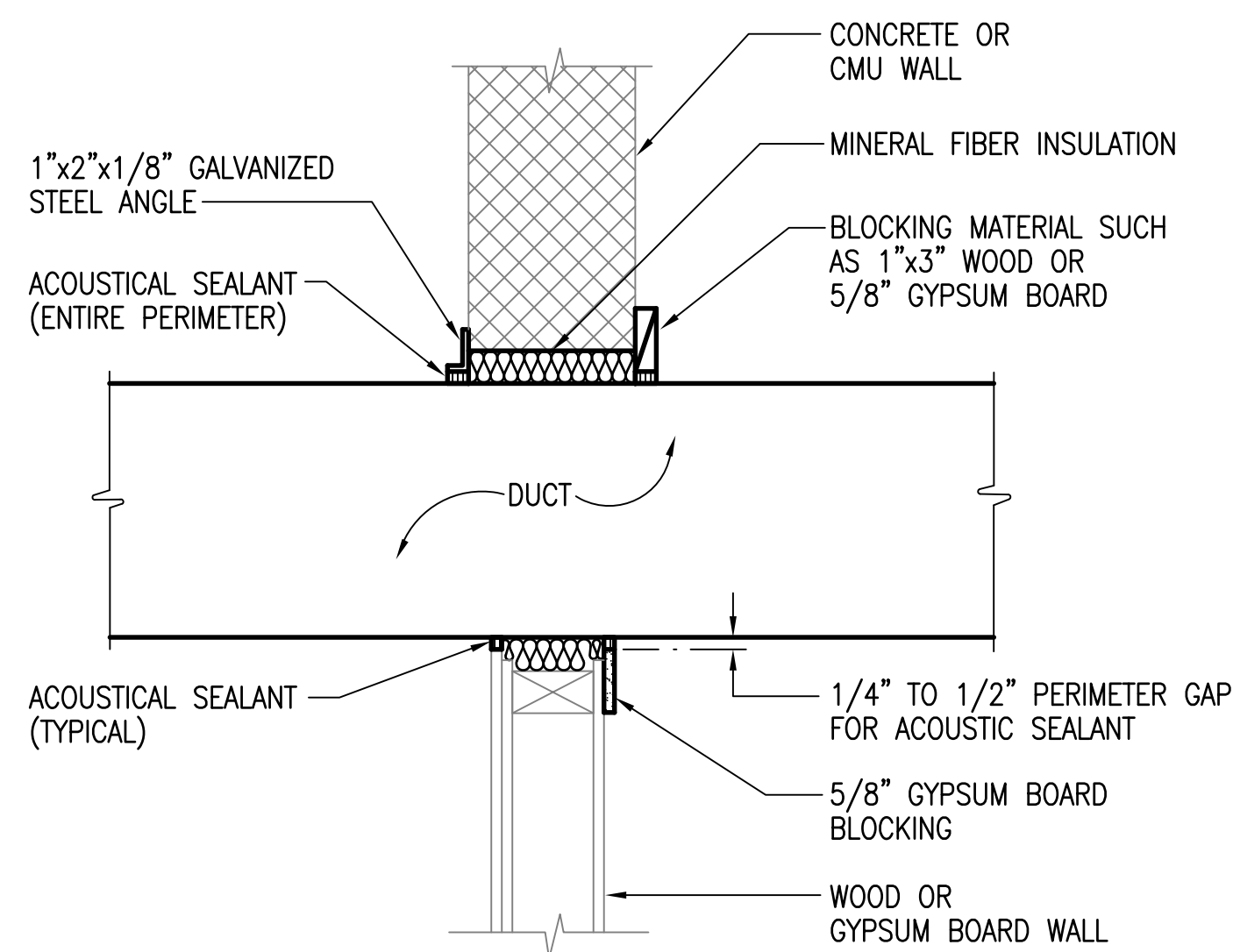
1 DUCT ELBOW DETAILS
M-3 NOT TO SCALE



6 PIPE THRU DRYWALL DETAIL
M-3 NOT TO SCALE

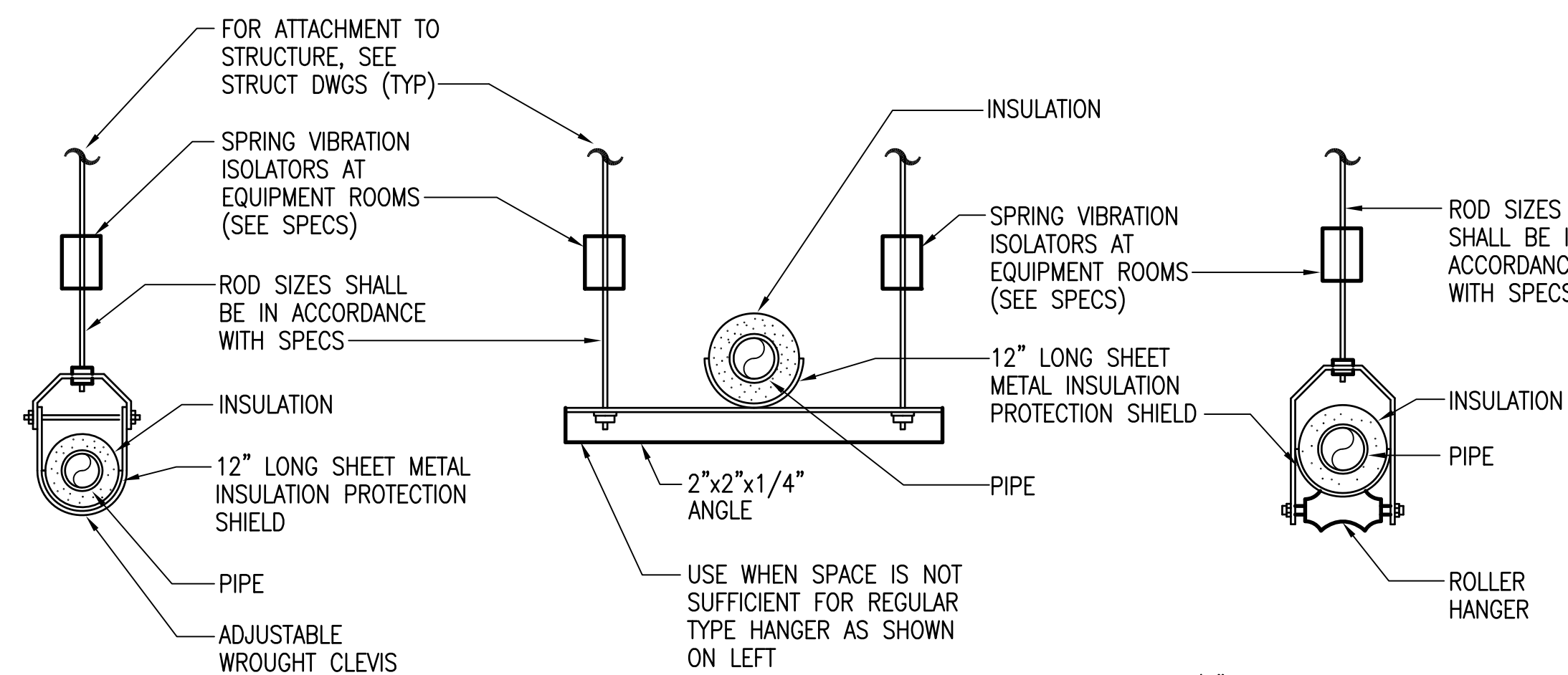


2 RETURN AIR GRILLE AND SUB DUCT DETAIL
M-3 NOT TO SCALE (TRANSFER GRILLE SIMILAR)



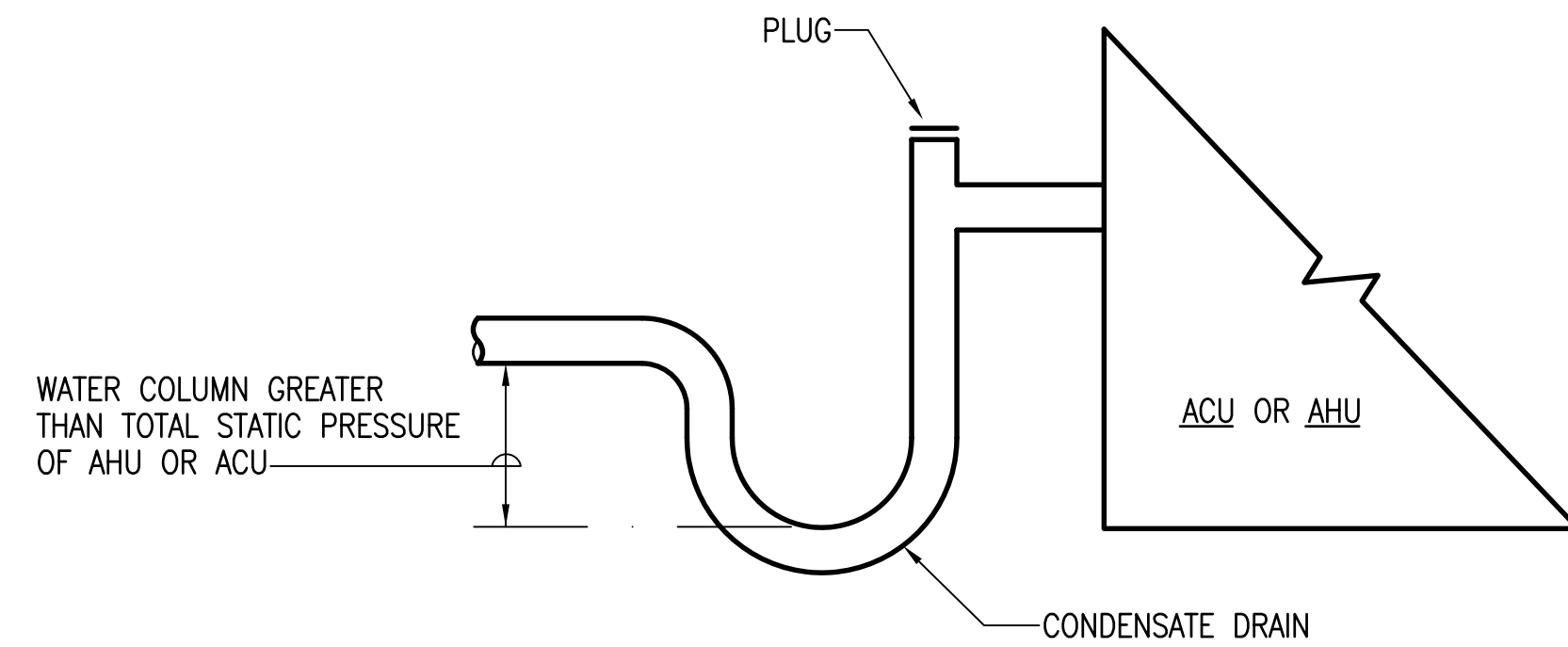
NOTE:
FIRE RATED SHALL BE PROVIDED WITH FIRE DAMPERS. WALL OPENING CLOSURE ANGLE SHALL BE IN ACCORDANCE WITH FIRE DAMPER UL LISTING.

4 TYPICAL DUCT THRU WALL DETAIL
M-3 NOT TO SCALE

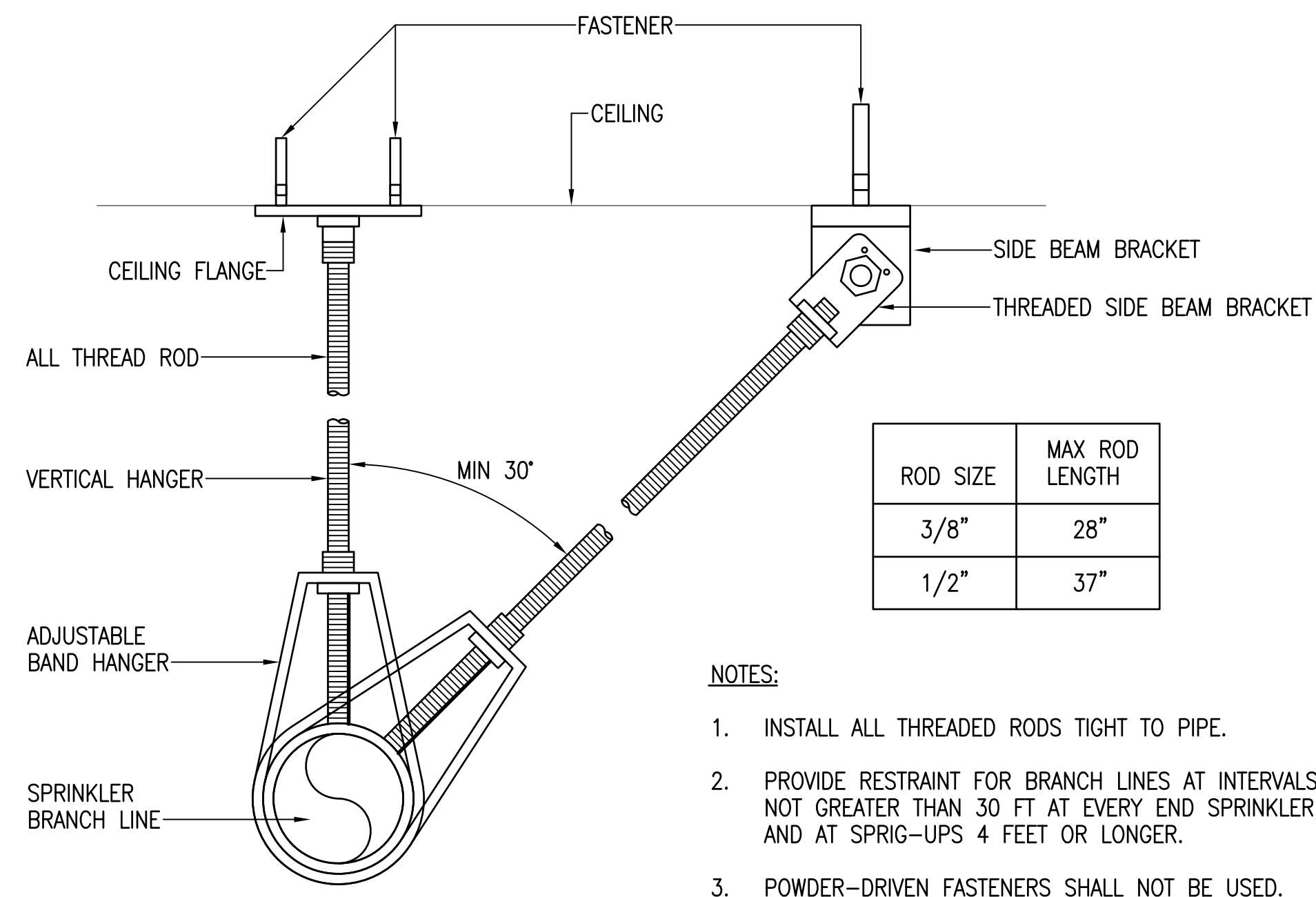


NOTE: 18" LONG RIGID INSULATION SHALL BE USED AT HANGERS

7 PIPE HANGER DETAIL
M-3 NOT TO SCALE

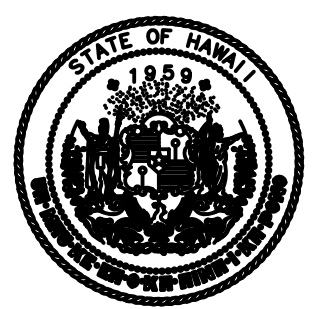


3 CONDENSATE DRAIN CONNECTION DETAIL
M-3 NOT TO SCALE

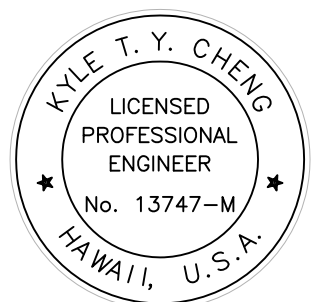


- NOTES:
1. INSTALL ALL THREADED RODS TIGHT TO PIPE.
 2. PROVIDE RESTRAINT FOR BRANCH LINES AT INTERVALS NOT GREATER THAN 30 FT AT EVERY END SPRINKLER, AND AT SPRIG-UPS 4 FEET OR LONGER.
 3. POWDER-DRIVEN FASTENERS SHALL NOT BE USED.

5 BRANCH LINE RESTRAINT DETAIL
M-3 NOT TO SCALE



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HONOLULU, HAWAII

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STATE PROJECT NO. CO1630-33

SHEET TITLE :

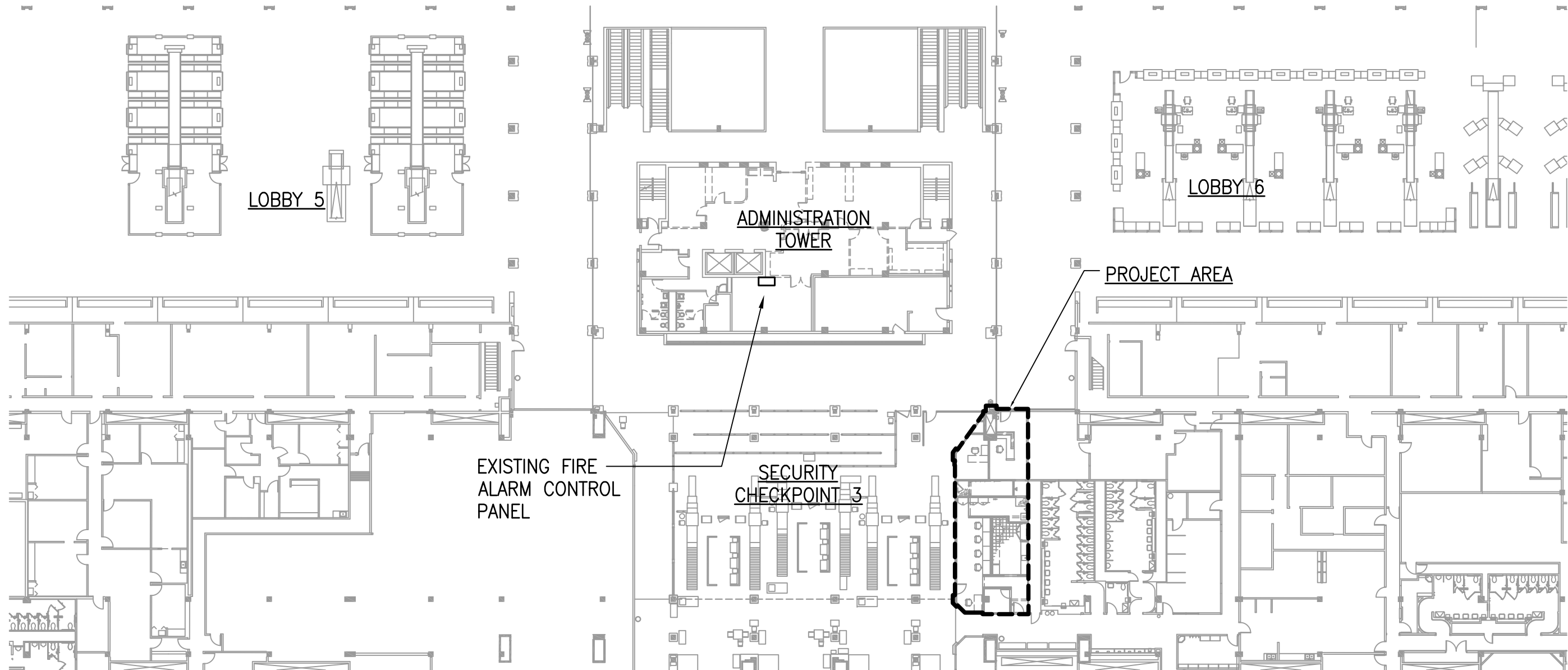
MECHANICAL DETAILS

DATE:
3/31/16
DWG. NO:
11 OF 14

M-3

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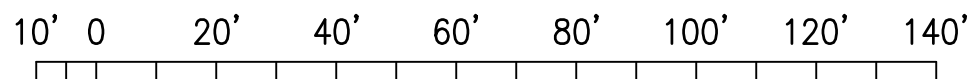
ELECTRICAL SYMBOL LIST				
MOUNTING HEIGHT FROM FLOOR TO		(SPECIAL MOUNTING HEIGHTS INDICATED ON PLAN)		
TOP	CL	SYMBOL		DESCRIPTION
		EXISTING	NEW	
				LUMINAIRE, CEILING MOUNTED (NUMERAL IN CIRCLE CORRESPONDS TO LUMINAIRE SCHEDULE)
				LUMINAIRE, CEILING MOUNTED WITH EMERGENCY BATTERY PACK (NUMERAL IN CIRCLE CORRESPONDS TO LUMINAIRE SCHEDULE)
				LUMINAIRE, CEILING MOUNTED (NUMERAL IN CIRCLE CORRESPONDS TO LUMINAIRE SCHEDULE)
				LUMINAIRE, WALL MOUNTED
46"				LIGHT SWITCH, FLUSH MOUNTED (LETTER INDICATES LUMINAIRES CONTROLLED)
18"				RECEPTACLE, DUPLEX, GROUNDING TYPE, 125V, NEMA 5-20R
				CONCEALED CONDUIT IN CEILING OR WALLS
				CONCEALED CONDUIT BELOW GRADE OR IN FLOOR SLAB
				SURFACE MOUNTED CONDUIT OR SURFACE METAL RACEWAY
				SURFACE MOUNTED CONDUIT, SUPPORTS PER NEC
				JUNCTION BOX, HORIZONTALLY MOUNTED
				JUNCTION BOX, WALL MOUNTED
				PANELBOARD
				HOMERUN ARROW TO PANELBOARD. LETTER INDICATES PANELBOARD, NUMBERS INDICATES CIRCUITS
18"				INFORMATION OUTLET, FLUSH WALL MOUNTED, 4 11/16" x 2 1/8" DEEP OUTLET BOX WITH DOUBLE-GANG REDUCER AND DOUBLE GANG COVER PLATE
46"				FIRE ALARM MANUAL STATION
82"				FIRE ALARM NOTIFICATION APPLIANCE
				DENOTES DEMOLITION/REMOVAL
				DENOTES 42" ABOVE FINISHED FLOOR OR GRADE
				GROUND
				NOTE INDICATOR
				DETAIL INDICATOR: TOP HALF DENOTES DETAIL NUMBER, BOTTOM HALF DENOTES SHEET NUMBER



PARTIAL MAIN TERMINAL PLAN

SCALE: 1/32" = 1'-0"

GRAPHIC SCALE



1/32" = 1'-0"

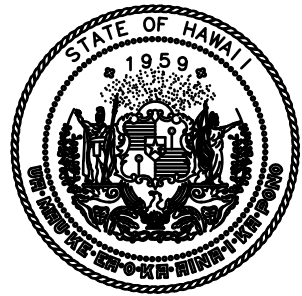
GENERAL ELECTRICAL NOTES:

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL ELECTRICAL SAFETY CODE, AND ALL LOCAL RULES AND REGULATIONS.
- THE CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AND THE EXTENT OF REMOVAL, RELOCATION, RECONNECTION AND/OR NEW WORK PRIOR TO BIDDING. BID SUBMISSION SHALL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS VISITED THE SITE AND RESOLVED ALL DISCREPANCIES AND QUESTIONS AND NO EXTRA PAYMENT WILL BE AUTHORIZED FOR WORK MADE NECESSARY BY THE CONTRACTOR'S FAILURE TO DO SO.
- EXISTING DEVICE LOCATIONS, CIRCUIT ASSIGNMENTS, WIRING CONNECTIONS AND CONDUIT RUNS INDICATED WERE DERIVED FROM AVAILABLE REFERENCE DOCUMENTS AND LIMITED FIELD INVESTIGATION. FIELD VERIFY ALL EXISTING CONDITIONS AND MAKE ANY NECESSARY ADJUSTMENTS TO SATISFY THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.
- ALL CIRCUITS SHALL INCLUDE AN INSULATED GREEN GROUNDING CONDUCTOR, SIZED PER THE NATIONAL ELECTRICAL CODE. THIS CONDUCTOR SHALL BE CARRIED IN ALL RACEWAYS AND SHALL BE ATTACHED TO THE DEVICE OR EQUIPMENT HOUSING USING A SUITABLE GROUNDING LUG.
- WORK INCIDENTAL TO THE CONTRACT AND NECESSARY TO COMPLETE THE PROJECT, ALTHOUGH NOT SPECIFICALLY REFERRED TO ON THE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND PERFORMED BY THE CONTRACTOR.
- IN PERFORMING ALL WORK, THE CONTRACTOR SHALL EXERCISE DUE CARE AND CAUTION NECESSARY TO AVOID ANY DAMAGE TO AND IMPAIRMENT IN THE USE OF ANY EXISTING UTILITY LINES. ANY DAMAGE INFLECTED ON EXISTING UTILITY LINES RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR RESTORED AS DIRECTED BY THE STATE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- SHOULD PROJECT CONDITIONS REQUIRE REARRANGEMENT OF WORK, THE CONTRACTOR SHALL MARK SUCH CHANGES ON THE AS-BUILT DRAWINGS. IF THESE CHANGES REQUIRE ALTERNATE METHODS TO THOSE SPECIFIED IN THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL SUBMIT DRAWINGS TO REFLECT THE PROPOSED ALTERNATE METHODS TO THE UNIVERSITY. THE CONTRACTOR SHALL NOT PROCEED UNTIL APPROVAL IS OBTAINED. REARRANGEMENT OF WORK FOR THE PURPOSE OF COORDINATION SHALL NOT BE CONSIDERED AN ITEM FOR EXTRA COST.
- MAINTAIN CONTINUITY OF ALL EXISTING CIRCUITS TO AREAS AND SYSTEMS OUTSIDE OF THE PROJECT LIMITS AND THAT PASS THROUGH THE PROJECT LIMITS. PROVIDE NEW JUNCTION BOXES, CONDUITS AND WIRING, AND THE LABOR REQUIRED TO FACILITATE SAID CONTINUITY. BOXES, CONDUITS AND WIRING SHALL BE IN ACCORDANCE WITH THE NEC.
- PRIOR TO COMMENCING ANY WORK ON THE EXISTING FIRE ALARM SYSTEM, CONFIRM THAT THE SYSTEM IS OPERATING PROPERLY BY TESTING THE SYSTEM IN THE PRESENCE OF THE STATE'S DESIGNATED REPRESENTATIVE OR OBTAINING CLEARANCE FROM THE STATE. ANY PRE-EXISTING DEFICIENCIES SHOULD BE NOTED AT THAT TIME AND PRESENTED TO THE STATE FOR THEIR ACTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY ENSUING SYSTEM DEFICIENCIES NOT DOCUMENTED DURING THE PRELIMINARY TESTING/CONFIRMATION PERIOD AT NO ADDITIONAL COST TO THE PROJECT.

FIRE SAFETY NOTES:

- STRUCTURES UNDERGOING CONSTRUCTION, ALTERATIONM OR DEMOLITION OPERATIONS, INCLUDING THOSE IN UNDERGROUND LOCATIONS, SHALL COMPLY WITH NFPA 241, STANDARD FOR SAFEGUARDING, CONSTRUCTION , ALTERATION, AND DEMOLITION OPERATIONS, AND NFPA 1 2012, AS AMENDED.
- FIRE SAFETY DURING ALTERATION:
 - 16.4.4.1 WHERE THE BUILDING IS PROTECTED BY FIRE PROTECTION SYSTEMS, SUCH SYSTEMS SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATION.
 - 16.4.4.2 WHERE ALTERATION REQUIRES MODIFICATION OF A PORTION OF THE FIRE PROTECTION SYSTEM, THE REMAINDER OF THE SYSTEM SHALL BE KEPT IN SERVICE AND THE FIRE DEPARTMENT SHALL BE NOTIFIED.
 - 16.4.4.3 WHEN IT IS NECESSARY TO SHUT DOWN THE SYSTEM, THE AHJ SHALL HAVE THE AUTHORITY TO REQUIRE ALTERNATE MEASURES OF PROTECTION UNTIL THE SYSTEM IS RETURNED TO SERVICE.
 - 10.8.1.1 AS NECESSARY DURING EMERGENCIES, MAINTENANCE, DRILLS, PRESCRIBED TESTING, ALTERATIONS, OR RENOVATIONS, PORTABLE OR FIXED FIRE-EXTINGUISHING SYSTEMS OR DEVICES OR ANY FIRE-WARNING SYSTEM SHALL BE PERMITTED TO BE MADE INOPERATIVE OR INACCESSIBLE. A FIRE WATCH SHALL BE REQUIRED AS SPECIFIED IN SECTIONS 13.3.3.6.5.2(4)(b), 13.7.1.4.4, 16.5.4, 34.6.3.3, 41.2.2.6, 41.2.2.7, 41.2.4, 41.3.5, 41.4.1, 34.5.4.3, AND 25.1.8 AT NO COST TO THE AHJ. NFPA 1 2012, AS AMENDED.

LUMINAIRE SCHEDULE		
TYPE	DESCRIPTION	LAMPS
1	LED, RECESSED 2' X 4', DIE FORMED COLD ROLLED STEEL HOUSING, NOMINAL 6,800 LUMINAIRE LUMENS, NOMINAL 102 LUMENS PER WATT, 4" MAXIMUM DEPTH, K12 PRISMATIC LENS, 277V DRIVER, 1400 LUMEN EMERGENCY BATTERY PACK WHERE INDICATED. COLUMBIA #LJT24-35-VLG-FSA12125-EU-PAF-(ELL14) OR APPROVED EQUIVALENT	68W 3500K



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HONOLULU, HAWAII

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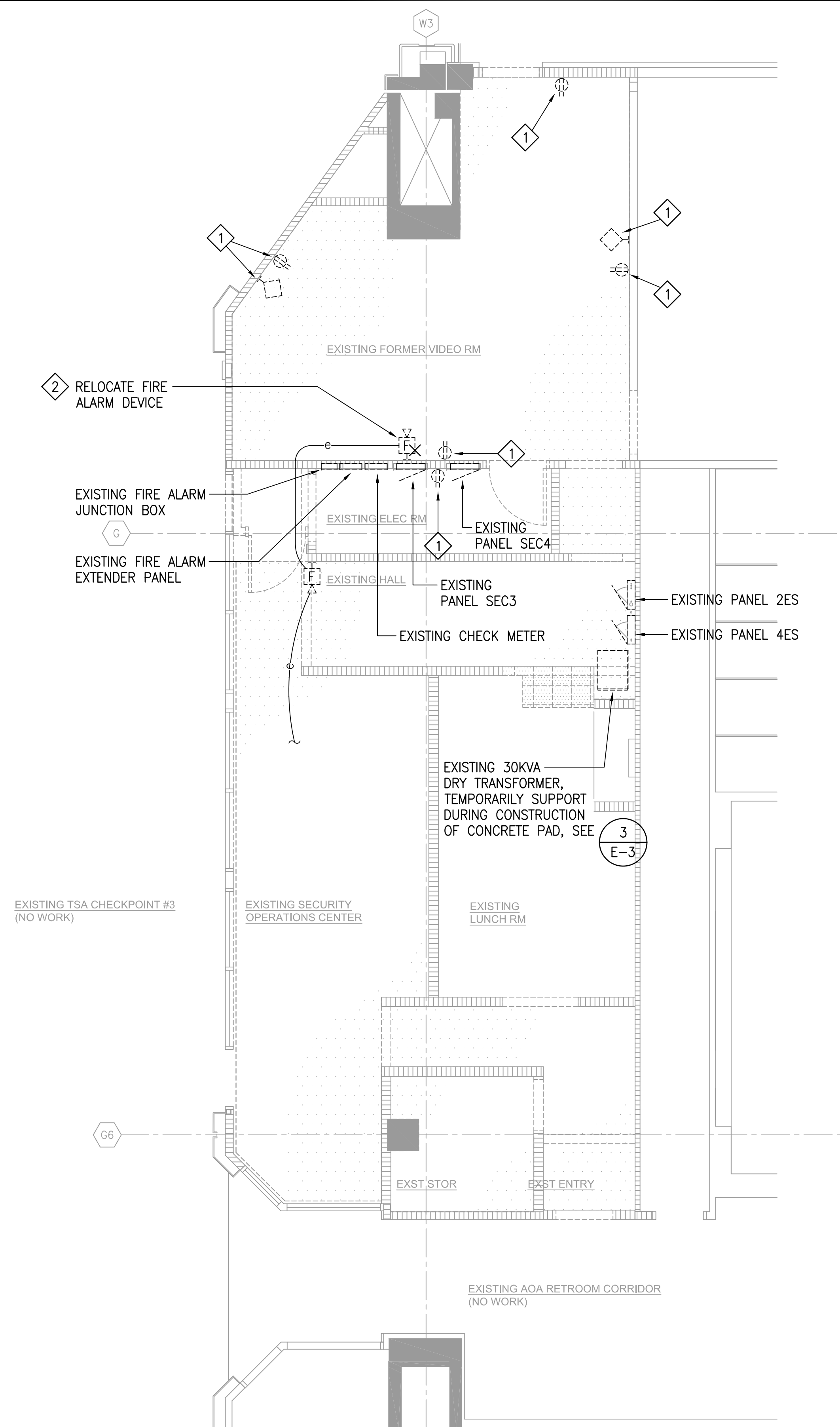
STATE PROJECT NO. CO1630-33

SHEET TITLE :

ELECTRICAL SYMBOL LIST,
NOTES AND LUMINAIRE
SCHEDULE

DATE:	E-1
3/31/16	
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12 OF 14	

CO1630-33 - BID SET

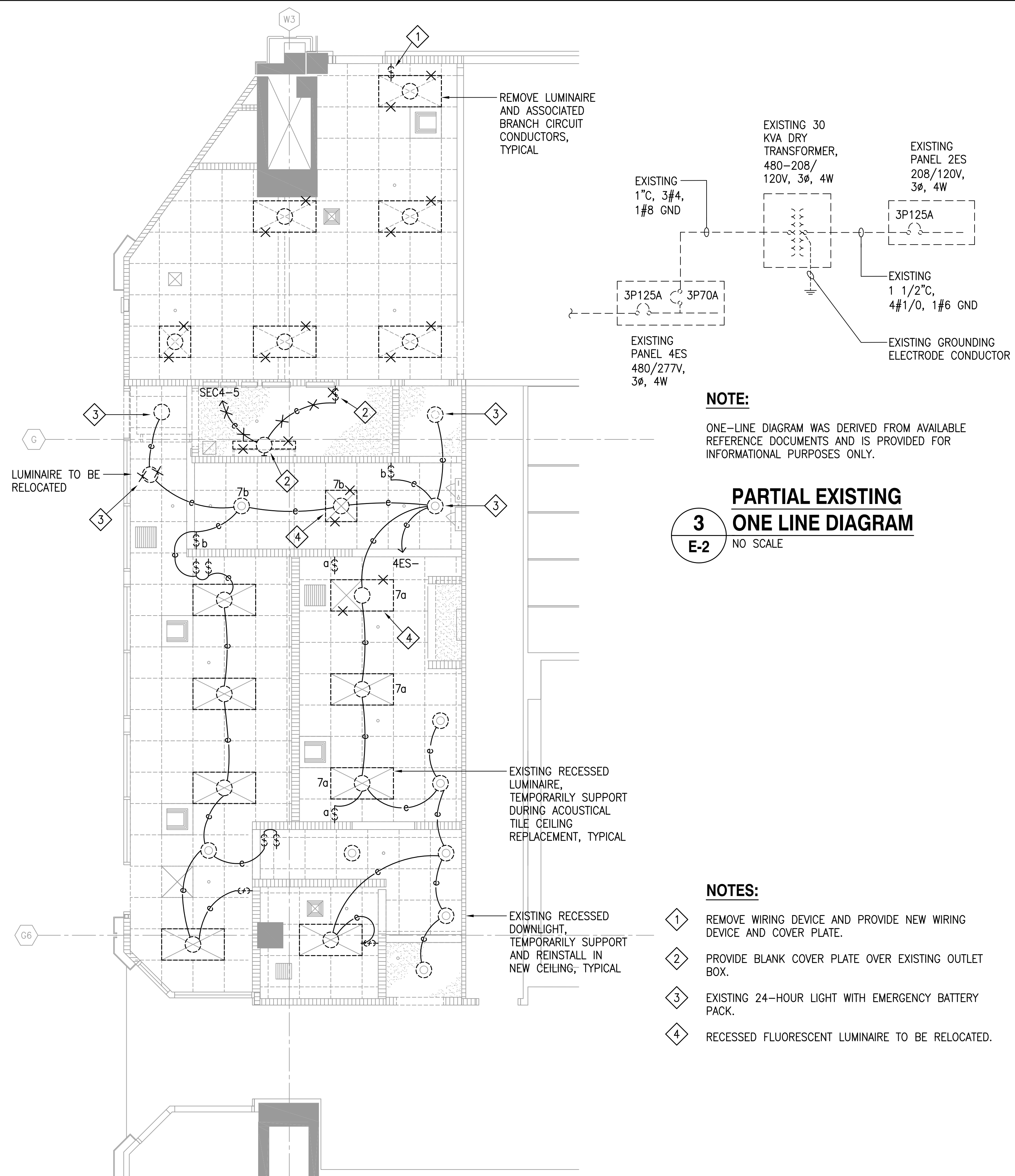


HNL SECURITY VIDEO RM - LEVEL 02

PARTIAL ELECTRICAL DEMOLITION PLAN

1
E-2

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



HNL SECURITY VIDEO RM - LEVEL 02

PARTIAL LIGHTING DEMOLITION PLAN

2
E-2

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

NOTE:

ONE-LINE DIAGRAM WAS DERIVED FROM AVAILABLE
REFERENCE DOCUMENTS AND IS PROVIDED FOR
INFORMATIONAL PURPOSES ONLY.

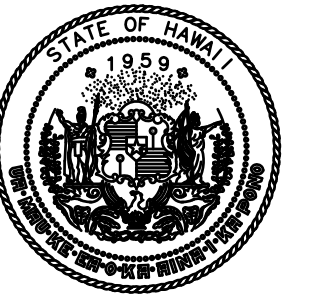
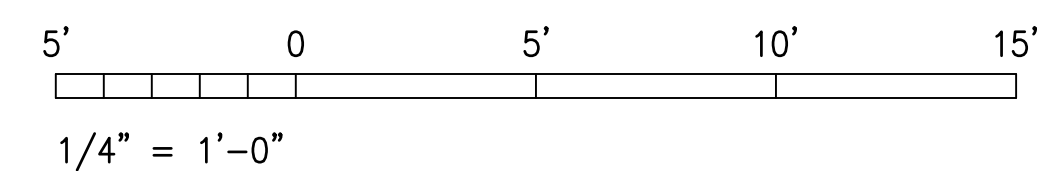
PARTIAL EXISTING ONE LINE DIAGRAM

NO SCALE

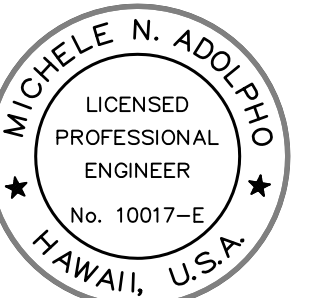
NOTES:

- 1 REMOVE WIRING DEVICE AND PROVIDE NEW WIRING DEVICE AND COVER PLATE.
- 2 PROVIDE BLANK COVER PLATE OVER EXISTING OUTLET BOX.
- 3 EXISTING 24-HOUR LIGHT WITH EMERGENCY BATTERY PACK.
- 4 RECESSED FLUORESCENT LUMINAIRE TO BE RELOCATED.

GRAPHIC SCALE



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ELECTRICAL DEMOLITION PLANS

DATE:
3/31/16
DWG. NO.:
<u>13</u> OF <u>14</u>

E-2



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



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

- $$1/4'' = 1'-0''$$

