

PROJECT:

WESTERN IDAHO YOUTH SUPPORT CENTER

308 EAST HAWAII AVENUE NAMPA, IDAHO 83686

CLIENT:

WESTERN IDAHO YOUTH SUPPORT CENTER

hummelarch.com

HUMMEL ARCHITECTS

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DRAWING SET:

ARCHITECTURAL MECHANICAL ELECTRICAL PLUMBING

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G0.02	DRAWING INFORMATION	P0.02	PLUMBING SCHEDULES & [
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M1.10	HVAC PLAN	E3.00	ELECTRICAL SCHEDULES
M1.20	HVAC PIPING PLAN	E4.00	ELECTRICAL DETAILS
		E5 00	ONE LINE DIAGRAM

H.A.-JOB #23026



IOTES & DETAILS PLAN ENT DEMO PLAN ٨N /IO PLAN ENT PLAN

ERTIFICATE EMOLITION PLAN AN

EC. DEMOLITION PLANS





ABBREVIATIONS:

-3

MASTER KEYNOTES:

4

# Ø	NUMBER OR POUND DIAMETER	JAN JST	JANITOR JOIST	1.01	ALIGN EDGE OF WM TO FINISH FACE.
2	ANGLE	JT	JOINT	1.02	INSTALL FLUID APPLIED MOISTURE VAPOR
@ &					INSTALLATION IN THIS ROOM PRIOR TO FINISP
∝ Cl	CENTERI INF	LAD	LABORATORT		090561.13.
0L		LAV	LAVATORY	1.03	ALIGN NEW WALL FINISH WITH FACE OF EXI
AB	ANCHOR BOLT	LVT	LUXURY VINYL TILE		WALL.
ACP	ACOUSTICAL CEILING PANEL	LWT	LOWER WALL GUARD	1.04	PATCH AND REPAIR WALL WHERE DEMOLIT
ACT	ACOUSTICAL CEILING TILE	MAT			OCCURRED, TYP.
		MAI		2.03	DEMOLISH EXISTING WALL AS SHOWN.
	ABOVE FINISH FLOOR ALLIMINUM	MCB	METAL COVE BASE		COORDINATE WITH NEW WORK.
ANOD	ANODIZED	MECH	MECHANICAL	2.04	DEMOLISH SOFFIT AS NECESSARY TO PERF
APPROX	APPROXIMATE	MET	METAL		SCOPE OF NEW WORK. COORDINATE EXTEN
ASFP	ABRASIVE SURFACE FLOOR PLATE			0.05	
ASSOC		MFR	MANUFACIURER	2.05	
AWP	ACOUSTICAL WALL PANEL	MISC			NEW CONSTRUCTION SCOPE OF WORK.
////0	According to the state of the s	ML	MEASURING LINE	2.06	REMOVE EXISTING WALL. COORDINATE WIT
BD	BOARD	MO	MASONRY OPENING		SCOPE OF WORK.
BFC	BROOM FINISH CONCRETE	MTD	MOUNTED	2.07	REMOVE WINDOW COVERINGS AND BLINDS
BLDG	BUILDING	MTG	MOUNTING		EXTERIOR WINDOWS, TYP.
BLKG	BLOCKING	NIA		2.08	FRAME EXISTING TO REMAIN. DEMOLISH DO
BO		NR			HARDWARE AND REPLACE DURING NEW
BOT	BOTTOM	ND	WALL OR FOUNDATION)		CONSTRUCTION. SEE DOOR SCHEDULE FOI
BRG	BEARING	NC	NEW CONCRETE	2.00	
BSMT	BASEMENT	NIC	NOT IN CONTRACT	2.09	ITEMS PATCH DRYWALL WHERE NECESSA
BTWN	BETWEEN	NM	NEW MASONRY	2 10	
CAR	CADINET	NO	NUMBER	2.10	REQUIRED. COORDINATE WITH PLUMBING
	CABINET CAST-IN-PLACE	NUM			DRAWINGS.
CJ	CONTROL JOINT	into i	NOT TO COME	2.11	SINK CABINET EXISTING TO REMAIN. PRESE
CL	CENTERLINE	OC	ON CENTER		AND PROTECT DURING DEMOLITION. DEMO
CLG	CEILING	OD	OUTSIDE DIAMETER		UPPER CASEWORK.
CMU	CONCRETE MASONRY UNITS	OFF		2.13	CAP WASTE PIPE IN WALL.
		OFCI	CONTRACTOR INSTALLED	2.14	DEMOLISH FLOOR AS REQUIRED TO
CONC	CONCRETE	OFOI	OWNER FURNISHED/		AUDUMMUDATE SHUWER INSERT IN NEW V
CONST	CONSTRUCT	0.01	OWNER INSTALLED		CONSTRUCTION AND PLUMRING SPECIFICA
CONT	CONTINUOUS	OPNG	OPENING	2 15	
CPT	CARPET	OTA	OPEN TO ABOVE	2.10	DEMOLISH SOFEIT
CSK		01S	OPEN TO STRUCTURE	2.17	
CMT		OVF	OVERFLOW	2.10	
CWB	CERAMIC WALL BASE	Р	PAINT	2.10	COORDINATE EXTENTS WITH NEW CONSTR
••••		PC	PAINT COLOR	2.20	DEMOLISH STOREFRONT SYSTEM AND DOC
DBL	DOUBLE	PFT	PORCELAIN FLOOR TILE	2.21	DEMOLISH WING WALLS, SINK, COUNTERTO
DEPT	DEPARTMENT	P.I.V.	POST INDICATOR VALVE		ASSOCIATED WALL AND FLOOR FINISHES. C
		PL PLAST	PLASTIC LAMINATE PLASTIC		PIPING.
DIA	DIAMETER	PLYWD	PLYWOOD	2.22	DEMOLISH CEILING TILE AS REQUIRED FOR
DIM	DIMENSION	POLY	POLY-RESINOUS FLOORING		WORK. COORDINATE EXTENTS WITH NEW
DN	DOWN	PR	PAIR	0.00	
DS	DOWNSPOUT	PWT	PORCELAIN WALL TILE	2.23	
		D	THEDMAL DECISTANCE	2.24	
FBT	EXPANSION BASE TRIM	RCP	REFLECTED CEILING PLAN	2.24	COORDINATE WITH NEW CONSTRUCTION.
EJ	EXPANSION JOINT	RD	ROOF DRAIN	2.25	FLOORING AND WALL FINSHES DEMOLISHE
ELEC	ELECTRICAL	RDL	RAIN DRAIN LEADER		THIS LINE. COORDINATE WITH NEW
ELEV	ELEVATION	RE:	REFERENCE		CONSTRUCTION. PREP TO RECEIVE MOISTU
EP	EPOXY PAINT	REFRIG	REFRIGERATOR		VAPOR MITIGATION, RE: SPEC SECTION 095
EQ					"MOISTURE VAPOR MITIGATION SYSTEM."
ESTR	EXPOSED STRUCTURE	REQ		2.27	REMOVE CEILING MOUNTED MIRROR. PROT
Long	(NEW OR EXISTING)	RM	ROOM	0.00	FOR RE-INSTALLATION IN SAME LOCATION.
EIFS	EXTERIOR INSULATION	RMA	RESILIENT MOLDING ACC	2.28	
	& FINISH SYSTEM	RO	ROUGH OPENING		
FDOVV		RST			SCHEDULE.
EPUXY	EPOXYFLOOR SYSTEM	RSV		2.29	REINSTALL CEILING-MOUNTED MIRROR.
FXP	EXPANSION	RW	REDWOOD	2.30	ADD ALT #2: DEMO FLOORING AND WALL FI
EXT	EXTERIOR	RWB	RUBBER WALL BASE		IN THESE ROOMS AND PREP TO RECEIVE N
		RWC	RAIN WATER CONDUCTOR		FINISHES.
FD	FLOOR DRAIN			9.01	NO GYPSUM BOARD IN OUT OF SCOPE ARE
F.D.C.	FIRE DEPARTMENT CONNECTION	SC		9.02	NEW GYP ON THIS WALL.
FB		SCW	SOLID CORE WOOD	9.06	8'-0" TO BOTTOM OF SOFFIT.
FF	FACTORY FINISH	SGWB	SUSPENDED GYPSUM	9.07	REPLACE DAMAGED CEILING TILES.
F.H.	FIRE HYDRANT		WALL BOARD	9.08	MATCH EXISTING CEILING HEIGHT.
FIN	FINISH	SHT	SHEET	10.01	REINSTALL CEILING-MOUNTED MIRROR.
FL	FLOOR LINE	SHTG	SHEATHING	22.04	ANTI-LIGATURE SHOWER INSERT. COORDIN
		SIM			WITH PLUMBING.
FOC	FACE OF CHANNEL	SC SC	SQUARE	033000.A	
FOF	FACE OF FINISH	SS	STAINLESS STEEL	042000.A	
FOS	FACE OF STUDS	SSC	STAINLESS STEEL COUNTERTOP	054000.A	
FRP	FIBER REINF. PANEL	STD	STANDARD	061053.A	PLYWOOD BACKING PANEL
FI FTO	FEEI	SIL	SIEEL	061053.B	NOMINAL LUMBER BLOCKING
FIG		STOR	STORAGE	064116.A	PLASTIC-LAMINATE
		SUSP	SUSPENDED	064116.B	SOLID SURFACE COUNTERTOP
GA	GAUGE	SV	SHEET VINYL	092216.A	
GALV	GALVANIZED	T • •	TONOUS AND SDARE	092216.E	
GB				092900.A	
GTP.BD.				093013.C	WALL HLE
HAS	HEAD ANCHOR STUD	ТОМ	TOP OF MASONRY	093013.F	METAL EDGE STRIP
HCW	HOLLOW CORE WOOD	TS	TUBE STEEL	095113.B	ACOUSTICAL PANEL CEILING APC-2
HM	HOLLOW METAL	TYP	TYPICAL	096513.A	RESILIENT BASE
HORIZ	HORIZONTAL			096513.B	RESILIENT FLOORING TRANSITION
H1//			UNLESS NUTED UTHERWISE	097200.A	WALL COVERINGS
1 1 7 7	1	0000		099123.A	
ICB	INTEGRAL COVE BASE	VAR	VARIES	102600.D	
ICMU	INTEGRAL COLORED	VCT	VINYL COMPOSITION TILE	122413.A	ANTI-LIGATURE ROLLER WINDOW SHADES
15	CONCRETE MASONRY UNITS	VERT	VERTICAL		
ID INICI II	INSIDE DIAMETER INSULATION	VEST	VESHBULE		
INT	INTERIOR	W/	WITH		
INV	INVERT	WC	WATER CLOSET		
		WD	WOOD		
		WDP	WOOD PLANKS		
		₩ \\/⊔	WATED HEATED		
		WM	WALK-OFF MAT		
		W/O	WITH OUT		
		WP	WATERPROOF		
		WRGB	WATER RESISTANT		

GYPSUM BOARD WINDOW SHADE

WELDED WIRE FABRIC

WEIGHT

WS

WT

WWF

Keynote #	Keynote Text
01	ALIGN EDGE OF WM TO FINISH FACE.
02	INSTALL FLUID APPLIED MOISTURE VAPOR MITIGATION IN THIS ROOM PRIOR TO FINISH INSTALLATION. RE: SPECIFICATION SECTION
03	ALIGN NEW WALL FINISH WITH FACE OF EXISTING
04	WALL. PATCH AND REPAIR WALL WHERE DEMOLITION HAS
03	DEMOLISH EXISTING WALL AS SHOWN.
04	DEMOLISH SOFFIT AS NECESSARY TO PERFORM
05	SCOPE OF NEW WORK. COORDINATE EXTENTS WITH RCP.
05	AND ALL ASSOCIATED ITEMS. COORDINATE WITH
06	REMOVE EXISTING WALL. COORDINATE WITH NEW SCOPE OF WORK
07	REMOVE WINDOW COVERINGS AND BLINDS ON ALL EXTERIOR WINDOWS, TYP.
08	FRAME EXISTING TO REMAIN. DEMOLISH DOOR AND HARDWARE AND REPLACE DURING NEW CONSTRUCTION. SEE DOOR SCHEDULE FOR
09	DEMOLISH ALL CASEWORK AND WALL-MOUNTED
10	DEMOLISH VACUUM PUMP. CAP PIPING AS REQUIRED. COORDINATE WITH PLUMBING DRAWINGS
11	SINK CABINET EXISTING TO REMAIN. PRESERVE AND PROTECT DURING DEMOLITION. DEMOLISH UPPER CASEWORK.
13	CAP WASTE PIPE IN WALL.
14	ACCOMMODATE SHOWER INSERT IN NEW WORK. COORDINATE EXTENTS AND DEPTH WITH NEW CONSTRUCTION AND PLUMBING SPECIFICATIONS.
15	DEMOLISH WALL-MOUNTED ITEMS.
17 18	DEMOLISH SOFFIT. DEMOLISH CEILING GRID. TILE. AND ACCESSORIES.
19	DEMOLISH CEILING GRID, TILE, AND ACCESSORIES. COORDINATE EXTENTS WITH NEW CONSTRUCTION
20 21	DEMOLISH STOREFRONT SYSTEM AND DOOR. DEMOLISH WING WALLS, SINK, COUNTERTOP, AND ASSOCIATED WALL AND FLOOR FINISHES. CAP
22	PIPING. DEMOLISH CEILING TILE AS REQUIRED FOR NEW WORK. COORDINATE EXTENTS WITH NEW
23	EXISTING FINISHES TO REMAIN IN THIS ROOM.
24	DEMOLISH INTERIOR GYP BOARD ON THIS WALL. COORDINATE WITH NEW CONSTRUCTION.
25	FLOORING AND WALL FINSHES DEMOLISHED TO THIS LINE. COORDINATE WITH NEW
	CONSTRUCTION. PREP TO RECEIVE MOISTURE VAPOR MITIGATION, RE: SPEC SECTION 09561.13, "MOISTURE VAPOR MITIGATION SYSTEM."
27	REMOVE CEILING MOUNTED MIRROR. PROTECT FOR RE-INSTALLATION IN SAME LOCATION.
28	PRESERVE AND PROTECT EXISTING DOOR AND FRAME. HARDWARE TO BE REPLACED IN NEW CONSTRUCTION. COORDINATE WITH DOOR SCHEDULE
29	REINSTALL CEILING-MOUNTED MIRROR.
30	ADD ALT #2: DEMO FLOORING AND WALL FINISHES IN THESE ROOMS AND PREP TO RECEIVE NEW
01	NO GYPSUM BOARD IN OUT OF SCOPE AREA.
02	NEW GYP ON THIS WALL.
06 07	8'-0" TO BOTTOM OF SOFFIT.
07	MATCH EXISTING CEILING HEIGHT.
).01 2.04	REINSTALL CEILING-MOUNTED MIRROR. ANTI-LIGATURE SHOWER INSERT. COORDINATE
3000.A	WITH PLUMBING.
2000.A	
4000.A	
61053.A	NOMINAL LUMBER BLOCKING
64116.A	PLASTIC-LAMINATE
4116.B	SOLID SURFACE COUNTERTOP
02210.A 02216.E	
2900.A	
3013.C	
юлия.н 95113.В	ACOUSTICAL PANEL CFILING APC-2
06513.A	RESILIENT BASE





TYPICAL ACCESSORIES MOUNTING HEIGHTS 3/8" = 1'-0"

- 1

CHANGE IN LEVELS

VERTICAL CHANGES IN LEVELS

1/4" MAX





BEVELED CHANGES IN

LEVELS

5

NON-RATED		FIRE RATING: NON-RATED		FIRE RATING: NON-RATED
NONE	WALL TYPE:	FIRE TEST: NONE	WALL TYPE:	FIRE TEST: NONE
6" ABOVE CEILING	S38	WALL HEIGHT: TO DECK ABOVE	S40	WALL HEIGHT: 42" ABOVE FINISH FLOOR
S NOTED ON FLOOR PLAN. TENUATION VITY		092900.A 5/8" 092216.A 3-5/8" INSULATION: SOUND ATTENUATION INSULATION IN STUD CAVITY WHERE NOTED THUS S38S		092900.A 5/8" 092216.A 3-5/8" INSULATION: SOUND ATTENUATION INSULATION IN STUD CAVITY WHERE NOTED THUS \$36\$ 092900.A 5/8"
L	VARIES - MATCH STUD CAVITY	, ,	+/- 4 7/8"	

CASEWORK TAG LEGEND

	MODEL NUMBER MODEL NUMBER M MODIFICATION WIDTH DEPTH HEIGHT	MODIFICATION MODIFIED CABINET J6" DEPTH J6" DEPTH J0" DEPTH AWS CABINET MODEL NUMBER OF AWS CABINET INDICATES A MODIFIED VERSION OF THE AWS CABINET MODEL REPRESENTED BY THE PRECEDING NUMBER. A DESCRIPTION OF THE MODIFICATION MADE INDICATED BY THE (M) FOLLOWING THE MODEL NUMBER INDICATES WIDTH OF CABINET, DIMENSIONED FROM OUTSIDE FACE TO OUTSIDE FACE. INDICATES DEPTH OF CABINET, DIMENSIONED FROM FACE OF WALL TO FACE OF CABINET EXCLUDING CABINET DOOR WHEN DOOR APPLIES INDICATES HEIGHT OF CABINET, DIMENSIONED FROM FACE OF FINISHED FLOOR TO TOP OF COUNTERTOP FOR BASE CABINETS AND FROM BOTTOM OF CABINET TO TOP OF CABINET FOR UPPER CABINETS.
Bid Set	LHU 205 N. 10th Street Suite 300 Boise, Idaho 83702 208.343.7523 Project: WESTERN SUPPORT 308 EAST HAWAII A NAMPA, IDAHO 836 Sheet: DRAWING ACCESSIE	<section-header><section-header><section-header><text><text><text></text></text></text></section-header></section-header></section-header>
	LICENSED ARCHITECT AR 986287 (3 · 5 · 244- Amanda Boam STATE OF IDAHO	Revisions:
		Project No: 23026 Drawn By: CW Checked By: MB Date: 01/19/2024 Sheet No: GO.O3



D

134 TOTAL OCCUPANTS: 67 WOMEN 67 MEN

WATER CLOSETS (URINALS PER IPC 424.2): 1 PER 25 OCCUPANTS FOR FIRST 50 AND 1 PER EACH 50 OCCUPANTS THEREAFTER:

PLUMBING FIXTURE CALCULATION IBC 2902.1

WOMEN: REQUIRED = 3 PROVIDED = 4 IN SUITE, + 2 SHARED BUILDING MEN: REQUIRED = 3 PROVIDED = 4 IN SUITE, + 2 SHARED BUILDING

LAVATORIES : 1 PER 40 FOR FIRST 80 AND THEN 1 PER 80 OCCUPANTS THEREAFTER. WOMEN: REQUIRED = 2 PROVIDED = 4 IN SUITE, + 1 SHARED BUILDING MEN: REQUIRED = 2 PROVIDED = 4 IN SUITE, + 1 SHARED BUILDING

2

134 TOTAL OCCUPANTS: EXITS REQUIRED PER 1006.3.2 = 2

EXITS PROVIDED = 3 = 636'-8"

PROVIDED EXIT SEPERATION: 159'-11" = 41'-4"

PROVIDED EXIT SEPERATION: 90'-7" 134*.2 =27" REQUIRED

EXIT NUMBER AND ACCESS PER IBC 1006-1007

3

- MAXIMUM OVERALL DIAGONAL DIMENSION OF BUILDING PER 1007.1.1 = 190'-11" MINIMUM DISTANCE BETWEEN EXITS (1/3 OF MAX OVERALL DIAGAONAL PER 1007.1.1 EXCEPTION 2)
- MAXIMUM OVERALL DIAGONAL DIMENSION OF SUITE PER 1007.1.1 = 123'-10"
- MINIMUM DISTANCE BETWEEN EXITS (1/3 OF MAX OVERALL DIAGAONAL PER 1007.1.1 EXCEPTION 2)
- EXIT WIDTH REQUIRED FOR NON-STAIR EGRESS ELEMENTS IN SUITE PER IBC 1005.3.2;
- EXIT WIDTH PROVIDED = 156" IN SUITE, MINIMUM PER DOOR LIMITED TO 32"

CODE INFORMATION

4

5

OCCUPANCY GROUP: B PROJECT SQUARE FOOTAGE: 7, 206 SQUARE FEET

LEGEND	GENERAL NOTES
ROOM NAME OCCUPANCY CLASSIFICATION (PER IBC CHAPTER 3) NOTE: (U) = UNOCCUPIED ACCESSORY AREA PER IBC 10:1 ROOM OCCUPANT LOAD (PER IBC TABLE 1004.1.1) WIDTH OF EGRESS COMPONENT DIRECTION OF EXITING OCCUPANT CLAD (CLASSIFICATION (PER IBC CHAPTER 3) DIRECTION OF EXITING OCCUPANT CAPACITY OF EGRESS COMPONENT IMMER AND DIRECTION OF OCCUPANTS EXITING THRU THE ROM OPENING OCCULATION OF TRAVEL THRU THE CORRIDOR IMMER AND DIRECTION OF OCCUPANTS AND THE DIRECTION OF TRAVEL THRU THE CORRIDOR IMMER AND INPOJECT SCOPE	 A. SEE WALL TYPES ON FLOOR PLANS AND RATED WALL ASSEMBLIES ON SHEET SERIES GS FOR SPECIFIC WALL FLOOR, AND ROOF CONSTRUCTION TO ACHIEVE THE RATINGS SHOWN ON THIS PLAN. B. COORDINATE WITH VIUL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL FOR ADDITIONAL REQUIREMENTS. C. LABEL ALL CODE WALLS ABOVE THE CEILING PER IBC 703.7. D. FOR CODE ANALYSIS, SEE SHEET GX.X. R. R. MECHANICAL SHEETS FOR DAMPER LOCATIONS. ALL DUCTWORK PENEITRATING RATED SHAFTS TO BE DAMPERED. R. R. MECHANICAL SHEETS FOR DAMPERS AT FIRE AND SMOKE RATED WALLS. A. ALL MULT-FLOOR RATED SHAFTS THAT TERMINATE ABOVE CEILING SHAFTS THAT DO NOT EXTEND DOWN TO SLAB TO INCLUDE 1-HR BOTTOM ENCLOSURE. H. ALL FLOOR PIPING AND CONDUIT PENETRATIONS TO BE SEALED WITH FIRESTOP AS REQUIRED. RE: DETAILS AND SPECIFICATIONS. I. ALL RATED WALLS TO TERMINATE AT UNDERSIDE OF DECK PER DETAILS. J. ALL PORTIONS OT THE AUTOMATIC FIRE SUPPRESSION AND FIRE ALARM SYSTEM SHALL REMIN OPERATIONAL IN OCCUPIED AREA ADJACENT AND WITHIN CONSTRUCTION ZONE. K. ALL REQUIRED EGERSS OF EXISTING OCCUPIED FACILITY TO BE MAINTAINED THROUGH ALL PHASES OF CONSTRUCTION.
	HUMMAEL ARCHITECTS 205 N. 10th Street Suite 300 Boise, Idaho 83702 482 Constitution Way, Suite 111 Idaho Falls, ID 83402
	Project: WESTERN IDAHO YOUTH SUPPORT CENTER
	308 EAST HAWAII AVENUE NAMPA, IDAHO 83686
Bid Set	Sheet: LEVEL 01 - EXITING AND OCCUPANCY PLAN
	Revisions: 🛆
	LICENSED ARCHITECT AR986287 (3.5.244- Amanda Boam STATE OF IDAHO
	NORTH NORTH NORTH NORTH NORTH NORTH NORTH NORTH Sheet No: G2.01b
L	



LEGEND

L	E	G	E	Ν	D	

	EXISTING WALL SYSTEM TO BE REMOVED
	EXISTING WALL SYSTEM TO REMAIN. PROTECT
\Box	IN PLACE
	EXISTING DOOR, FRAME AND ANCHOR TO BE REMOVED

4

EXISTING DOOR TO REMAIN. PROTECT IN PLACE

GENERAL NOTES

- NOTED OTHERWISE. PREP WALLS TO RECEIVE NEW PAINT. B. REMOVE ALL WINDOW COVERINGS AND BLINDS FROM ALL
- EXTERIOR WINDOWS.
- C. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO THE FACE OF FINISH FOR GWB WALLS/PARTITIONS.
- D. SCREENED LINES REPRESENT EXISTING WALLS, DOORS,
- WINDOWS, ETC TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION ACTIVITIES.
- E. FOR DIMENSIONAL EXTENTS OF EXISTING WALL DEMOLITION, CUTTING AND PATCHING, SEE NEW FLOOR PLANS.
- F. PROTECT FROM DAMAGE ALL EXISTING TO REMAIN CASEWORK, EQUIPMENT, FLOOR FINISHES AND CEILING FINISHES DURING CONSTRUCTION.
- G. PROTECT FROM DAMAGE DURING DEMOLITION, MOVING AND CONSTRUCTION ALL EXISTING CASEWORK, EQUIPMENT,
- FURNITURE AND ARTWORK THAT IS TO BE RE-USED. H. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR
- ADDITIONAL DEMOLITION WORK. I. WHERE EXISTING CARPET/CARPET TILE ARE TO REMAIN, CUT
- AND PATCH CARPET AS REQUIRED TO FACILITATE NEW CONSTRUCTION.
- J. DEMOLISH ALL MEDICAL GAS LINES TO WALLS AND CAP. COORDINATE WITH PLUMBING DRAWINGS.
- K. COORDINATE DEMOLITION OF FLOOR WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

REFERENCE NOTES

- 2.03 DEMOLISH EXISTING WALL AS SHOWN. COORDINATE WITH NEW WORK. 2.05 REMOVE EXISTING WINDOW AND/OR DOOR SYSTEM AND ALL ASSOCIATED ITEMS. COORDINATE WITH NEW CONSTRUCTION SCOPE OF WORK. 2.06 REMOVE EXISTING WALL. COORDINATE WITH NEW SCOPE OF WORK. 2.07 REMOVE WINDOW COVERINGS AND BLINDS ON ALL EXTERIOR WINDOWS, TYP. 2.08 FRAME EXISTING TO REMAIN. DEMOLISH DOOR AND HARDWARE AND REPLACE DURING NEW CONSTRUCTION. SEE DOOR SCHEDULE FOR DETAILS. 2.09 DEMOLISH ALL CASEWORK AND WALL-MOUNTED ITEMS. PATCH
- DRYWALL WHERE NECESSARY. 2.10 DEMOLISH VACUUM PUMP. CAP PIPING AS REQUIRED. COORDINATE
- WITH PLUMBING DRAWINGS. 2.11 SINK CABINET EXISTING TO REMAIN. PRESERVE AND PROTECT
- DURING DEMOLITION. DEMOLISH UPPER CASEWORK. 2.13 CAP WASTE PIPE IN WALL.
- 2.14 DEMOLISH FLOOR AS REQUIRED TO ACCOMMODATE SHOWER INSERT IN NEW WORK. COORDINATE EXTENTS AND DEPTH WITH NEW CONSTRUCTION AND PLUMBING SPECIFICATIONS.
- 2.15 DEMOLISH WALL-MOUNTED ITEMS.
- 2.20 DEMOLISH STOREFRONT SYSTEM AND DOOR. 2.21 DEMOLISH WING WALLS, SINK, COUNTERTOP, AND ASSOCIATED
- WALL AND FLOOR FINISHES. CAP PIPING. 2.23 EXISTING FINISHES TO REMAIN IN THIS ROOM. PROTECT DURING
- CONSTRUCTION. 2.24 DEMOLISH INTERIOR GYP BOARD ON THIS WALL. COORDINATE WITH
- NEW CONSTRUCTION. 2.25 FLOORING AND WALL FINSHES DEMOLISHED TO THIS LINE. COORDINATE WITH NEW CONSTRUCTION. PREP TO RECEIVE
- MOISTURE VAPOR MITIGATION, RE: SPEC SECTION 09561.13, "MOISTURE VAPOR MITIGATION SYSTEM."
- 2.27 REMOVE CEILING MOUNTED MIRROR. PROTECT FOR
- RE-INSTALLATION IN SAME LOCATION. 2.28 PRESERVE AND PROTECT EXISTING DOOR AND FRAME. HARDWARE TO BE REPLACED IN NEW CONSTRUCTION. COORDINATE WITH DOOR SCHEDULE.
- 2.30 ADD ALT #2: DEMO FLOORING AND WALL FINISHES IN THESE ROOMS AND PREP TO RECEIVE NEW FINISHES.

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Project: WESTERN IDAHO YOUTH SUPPORT CENTER

308 EAST HAWAII AVENUE NAMPA, IDAHO 83686



Set

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OENERVIE NOTEO
 COORDINATE LIGHTING DEMOLITION AND ADD ALT. REPLACEMENT WITH ELECTRICAL DRAWINGS. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO THE FACE OF STUDS FOR GWB WALLS/PARTITIONS. SCREENED LINES REPRESENT EXISTING WALLS, DOORS, WINDOWS, ETC TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION ACTIVITIES. FOR DIMENSIONAL EXTENTS OF EXISTING WALL DEMOLITION, CUTTING AND PATCHING, SEE NEW FLOOR PLANS. PROTECT FROM DAMAGE ALL EXISTING TO REMAIN CASEWORK, EQUIPMENT, FLOOR FINISHES AND CEILING FINISHES DURING CONSTRUCTION. PROTECT FROM DAMAGE DURING DEMOLITION, MOVING AND CONSTRUCTION ALL EXISTING CASEWORK, EQUIPMENT, FURNITURE AND ARTWORK THAT IS TO BE RE-USED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK. COORDINATE THE DEMOLITION OF EXISTING CEILING WITH NEW PLANS AND REFLECTED CEILING PLANS AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. CONTRACTOR TO REMOVE AND REPLACE ANY DAMAGED CEILING TILES IN AREAS TO REMAIN.
REFERENCE NOTES
 2.04 DEMOLISH SOFFIT AS NECESSARY TO PERFORM SCOPE OF NEW WORK. COORDINATE EXTENTS WITH RCP. 2.17 DEMOLISH SOFFIT. 2.18 DEMOLISH CEILING GRID, TILE, AND ACCESSORIES. 2.19 DEMOLISH CEILING GRID, TILE, AND ACCESSORIES. COORDINATE EXTENTS WITH NEW CONSTRUCTION. 2.22 DEMOLISH CEILING TILE AS REQUIRED FOR NEW WORK. COORDINATE EXTENTS WITH NEW CONSTRUCTION AND MECHANICAL DRAWINGS.
LEGEND
EXISTING WALL SYSTEM TO BE REMOVED EXISTING WALL SYSTEM TO REMAIN. PROTECT IN PLACE
EXISTING DOOR TO REMAIN. PROTECT IN PLACE
A R C H I T E C T S 205 N. 10th Street Suite 300 Boise, Idaho 83702 208 343 7523 482 Constitution Way, Suite 111 Idaho Falls, ID 83402 206 747 7523 Hummelarch.com
P r o j e c t : WESTERN IDAHO YOUTH SUPPORT CENTER
308 EAST HAWAII AVENUE NAMPA, IDAHO 83686
Sheet: LEVEL 01 - DEMO RCP
Revisions: Revis



















A4 A2.01 RESTROOM 121 - ENLARGED PLAN



					DOOR	SCHEDULE						
	DOOR				FRAME							
DOOR#	TYPE	WIDTH	HEIGHT	MATERIAL	TYPE	MATERIAL	FINISH	HARDWARE SET	1. FOB	2.KEYED LOCK	3.PRIVACY LOCK	
101	FG	4' - 0"	7' - 0"	WD	HM-02	HM	P-2			X		-
101A	F	4' - 0"	7' - 0"	WD	HM-01	HM	P-2		V	X		-
104	FG	3' - 0"	7' - 0"	WD	HM-02	HM	P-2		X	X		
105A	EXISTING	3-0	7 - 0	EXIST	EXIST	EXIST			X			-
105B	EXISTING	3-0	7 - 0									-
1050	F	3-0	7 - 0				P-2					_
100	FG	3-0	7 - 0				P-2					-
100	FG	3-0	7 - 0		FUST		P-2					-
110	FG	3' - 0"	7'-0"	WD	EXIST	EXIST	P_2		× ×			-
111	FG	3' - 0"	7' - 0"	WD	EXIST	EXIST	P-2		X	X		-
112	FG	3' - 0"	7' - 0"	WD	EXIST	FXIST	P-2		X	X		-
112	FG	3' - 0"	7' - 0"	WD	FXIST	FXIST	P-2		X	X		
114	FG	3' - 0"	7' - 0"	WD	EXIST	EXIST	P-2		X	X		-
115	F	3' - 0"	7' - 0"	WD	HM-01	HM	P-2			X		ĺ
116	F	3' - 0"	7' - 0"	WD	HM-01	HM	P-2		Х	_	Х	Ĩ
117	EXISTING	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	P-2		Х	X		-
117A	HG	3' - 0"	7' - 0"	HM	HM-03	HM	P-2		Х	X		-
121	F	3' - 0"	7' - 0"	WD	HM-01	НМ	P-2		Х		Х	-
122	EXISTING	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	P-2			Х		-
123	F	3' - 0"	7' - 0"	WD	HM-01	HM	P-2			Х		-
124	F	3' - 0"	7' - 0"	WD	EXIST	EXIST	P-2			Х		-
125	F	3' - 0"	7' - 0"	WD	EXIST	EXIST	P-2			Х		-
126	FG	3' - 0"	7' - 0"	WD	HM-01	HM	P-2		Х	X		-
127	EXISTING	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	P-2		Х	X		Ī
128	EXISTING	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	P-2		Х		Х	-
129	EXISTING	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	P-2		Х		Х	_
130	EXISTING	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	P-2			Х		
131	F	3' - 0"	7' - 0"	WD	HM-01	HM	P-2			Х		_
132	FG	3' - 0"	7' - 0"	WD	EXIST	EXIST	P-2		Х	Х		
133	F	3' - 0"	7' - 0"	WD	EXIST	EXIST	P-2			Х		ĺ

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DOOR TYPES 1/2" = 1'-0"

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		SCHEDULE - EQUIPMENT										
	G	ENERAL INFORMATION	LC	CATI	ON	PRC	OVISIO	ONS	U	FILITY	ATT	RIBUTES
TAG	DESCRIPTION	COMMENTS	FLOOR	COUNTER	PORTABLE	OFCI	OFOI	OFVI	EXHAUST	WATER	WASTE	POWER
Q001	DISHWASHER	18" W DISHWASHER	Х			Х				X	X	Х
Q002	MICROWAVE			Х			Х					Х
Q003	REFRIGERATOR	EXTRA-WIDE REFRIGERATOR	Х				Х			Х		Х
Q004	PORT SINK	PORTABLE SINK			Х		Х			Х	Х	Х
Q005	FREEZER	FREEZER - FLOOR	Х				Х					Х
Q006	WASHER - FRONT LOAD	WASHER - FRONT LOAD	Х			Х				Х	Х	Х
Q007	DRYER	DRYER	Х			Х			Х		Х	Х

				SCHE	EDULE - ROOM	FINISH				
		FLO	OR		WA	ALLS		CAS	SEWORK	
ROOM NO.	ROOM TITLE	MAT.	BASE	NORTH	EAST	SOUTH	WEST	CABINETRY	COUNTER TOP	REMARKS
100	VESTIBUI E	WM-1	RWB-1	FTR	FTR	FTR	FTR	-	-	6
101	ALCOVE	WM-1	RWB-1	ETR	P-1	P-1	ETR	-	-	3, 4, 6
102	MEN'S RR	SV-1	ICB	ETR	ETR	ETR	ETR	-	ETR	6,7
103	WOMEN'S RR	SV-1	ICB	ETR	ETR	ETR	ETR	-	ETR	6,7
104	LOBBY	CPT-1, CPT-2	RWB-1	P-4	P-4	P-1	P-1	-	-	1
105A	HALL	CPT-1	RWB-1	P-1	P-1	P-1	P-1	-	-	
105B	HALL	CPT-1, WM-1	RWB-1	P-1, P-4	P-1, P-4	P-1	P-1	-	-	1, 3
105C	HALL	CPT-1, WM-1	RWB-1	P-1	P-1	P-1, P-4	P-1, P-4	-	-	1, 3
105D	HALL	CPT-1	RWB-1	P-1	P-1	P-1	P-1	-	-	
106	ASSESSMENT	CPT-1	RWB-1	P-1	P-1	P-1	P-5	-	-	
107	RECREATION AREA	CPT-1, CPT-2	RWB-1	P-1	-	P-1	P-4	-	-	1
108	INDIVIDUAL/FAMILY THERAPY	CPT-1	RWB-1	P-5	P-1	P-1	P-1	-	-	
109	OFFICE	CPT-1	RWB-1	P-1	P-1	P-5	P-1	-	-	
110	OFFICE	CPT-1	RWB-1	P-1	P-1	P-5	P-1	-	-	
111	ASSESSMENT	CPT-1	RWB-1	P-1	P-5	P-1	P-1	-	-	
112	MEDICAL	LVT-1	RWB-1	P-1	P-5	P-1	P-1	ETR	ETR	
113	QUIET ROOM	CPT-1	RWB-1	P-1	P-1	P-5	P-1	-	-	
114	QUIET ROOM	CPT-1	RWB-1	P-1	P-1	P-5	P-1	-	-	
115	STORAGE	SV-1	RWB-1	P-1	P-1	P-1	P-1	-	-	7
116	RESTROOM	SV-1	ICB	RSV-1, P-1	RSV-1, P-1	RSV-1, P-1	P-1	PL-1	SS-1	2,7
117	OBSERVATION & REFRESHMENTS	CPT-1, LVT-1	RWB-1	P-1, P-4	P-1	P-1	WC-1	PL-1	SS-1	1, 3
117A	RESTING HALL	CPT-1, WM-1	RWB-1	P-1	P-1	P-1	P-1	-	-	1
118	RESTING AREA	CPT-2	RWB-1	P-4	P-1	P-1	P-1	-	-	3
119	RESTING AREA	CPT-2	RWB-1	P-4	P-1	P-1	P-1	-	-	
120	RESTING AREA	CPT-2	RWB-1	P-1	P-1	P-4	P-1	-	-	
121	RESTROOM	PFT-1	PFT-2	P-1, CWT-1, 3, 4, 5	-	SS-1	2, 3			
122	UTILITY	ETR	ETR	ETR	ETR	ETR	ETR	-	-	
123	SAFE TEEN ASSESSMENT CENTER	CPT-1, CPT-2	RWB-1	P-1	P-1	P-5	P-1	-	-	1
124	CUSTODIAN	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	-
125	LAUNDRY	LVT-1	RWB-1	P-1	P-1	P-1	P-1	ETR	-	
126	FIRST RESP	CPT-1	RWB-1	P-1	P-5	P-1	P-1	-	-	
127	STORAGE	ETR	ETR	ETR	ETR	ETR	ETR	-	-	-
128	STAFF RR	ETR	ETR	ETR	ETR	ETR	ETR	-	-	-
129	STAFF RR	ETR	ETR	ETR	ETR	ETR	ETR	-	-	-
130	STAFF	LVT-1	RWB-1	P-1	CWT-1, 2, 3, 4, P-1	P-1, CWT-1, 2, 3, 4	CWT-1, 2, 3, 4, P-1	PL-1	SS-1	2
131	CONFERENCE	CPT-1, CPT-2	RWB-1	P-5	P-1	P-1	P-1	-	-	1
132	GUEST WAITING	CPT-1	RWB-1	P-5	P-1	P-1	P-1	-	-	+





CWT-5

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GENERAL NOTES A. ALL DOOR AND WINDOW TRIM TO BE P-2 UNLESS NOTED OTHERWISE ON ROOM FINISH SCHEDULE. B. PROVIDE ADA COMPLIANT RESILIENT MOLDING ACCESSORIES FOR FLOORING TRANSITIONS. TRANSITIONS TO BE LESS THAN 1/2" OFFSET AND ARE TO OCCUR DIRECTLY BENEATH DOORS. FOR RESILIENT WALL BASE FORM CORNERS ON JOB SITE. D. EXTEND FLOORING INTO TOE SPACES, DOOR REVEALS, CLOSETS, OPEN BOTTOMED OBSTRUCTIONS, REMOVEABLE FLANGES, ALCOVES AND SIMILAR OPENINGS. E. ALL WALL PROTECTION TO BE INSTALLED ABOVE RESILIENT BASE. F. COORDINATE LOCATION OF OUTLETS, THERMOSTATS, STROBES, ETC., AT RIGID SHEET AND HEADWALL LOCATIONS. G. FOR EQUIPMENT (Q) SCHEDULE, SEE INTERIOR FINISH PLAN AND SCHEDULE SHEET. **KEYNOTES** 096513.B RESILIENT FLOORING TRANSITION 122413.A ANTI-LIGATURE ROLLER WINDOW SHADES REFERENCE NOTES 1.01 ALIGN EDGE OF WM TO FINISH FACE. INSTALL FLUID APPLIED MOISTURE VAPOR MITIGATION IN THIS 1.02 ROOM PRIOR TO FINISH INSTALLATION. RE: SPECIFICATION SECTION 090561.13. ABBREVIATIONS **FLOOR FINISHES CASEWORK** CPT CARPET TILE PL PLASTIC LAMINATE LVT LUXURY VINYL TILE SS SOLID SURFACE PFT PORCELAIN FLOOR TILE WINDOW SHADES SV SHEET VINYL ETR EXISTING TO REMAIN WS WINDOW SHADE WALL BASE WALL FINISHES P PAINT RWB RUBBER WALL BASE ICB INTEGRAL COVE BASE CWT CERAMIC WALL TILE ETR EXISTING TO REMAIN WC WALL COVERING ETR EXISTING TO REMAIN REMARKS 1. SEE FINISH FLOOR PLANS FOR LOCATION OF FLOOR MATERIALS. 2. SEE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS FOR HEIGHTS AND LOCATIONS OF CERAMIC WALL TILE (CWT) OR RSV. 3. SEE FINISH FLOOR PLANS FOR LOCATION OF PAINT/ACCENT PAINT 4. RWB APPLIED TO NEW WALLS ONLY. 5. THIS COMMENT INTENTIONALLY LEFT BLANK. 6. ADD ALT #2. BREAK OUT COST OF NEW FLOORING AND BASE IN THIS ROOM. 7. INTEGRAL COVE BASE TO 6" HIGH. SEAL TOP WITH CLEAR SEALANT. MEL Μ HU ARCHITECTS 205 N. 10th Street Suite 300 Boise, Idaho 83702 208.343.7523 482 Constitution Way, Suite 111 Idaho Falls, ID 83402 208.343.7523 hummelarch.com Project: WESTERN IDAHO YOUTH SUPPORT CENTER 308 EAST HAWAII AVENUE NAMPA, IDAHO 83686 Sheet: Set FINISH FLOOR PLAN & SCHEDULE Bid Revisions: LICENSED ARCHITECT AR986287 allow 3.5.24-Amanda Boam STATE OF IDAHO 23026 Project No: CW Drawn By: MB Checked By: 01/19/2024 Date: NORTH Sheet No: A8.01





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GENERAL NOTES COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ITEMS TO BE PROVIDED AT THE CEILING PLANE AND IN THE WORK. CENTER ALL LIGHT FIXTURES AND SPRINKLER HEADS IN THEIR RESPECTIVE CEILING PANEL UNLESS SHOWN OTHERWISE. INSTALL ALL SUSPENSION SYSTEMS FOR ACOUSTICAL PANEL CEILINGS PER SPECIFICATION C.I.S.C.A. RECOMMENDATIONS PER DIRECT-HUNG ACOUSTICAL TILE AND LAY-IN PANEL, CEILINGS, SEISMIC DESIGN CATEGORY C. . ALL SOFFIT DIMENSIONS SHOWN ARE TO FACE OF FINISH. . COORDINATE WITH MECHANICAL & ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR PHYSICAL SIZES OF ALL CEILING GRILLES, DIFFUSERS, FIXTURES, CANS, AND ALL RELATED ITEMS. . PAINT ALL EXPOSED-TO-VIEW STRUCTURAL STEEL DECK, AND ASSOCIATED STRUCTURAL ITEMS PAINT COLOR P-3, UNLESS OTHERWISE NOTED. RE: DIVISION 9 SECTION "INTERIOR PAINTING". PAINT ALL EXPOSED-TO-VIEW MECHANICAL DUCTWORK AND ASSOCIATED ITEMS, ELECTRICAL CONDUIT AND ASSOCIATED ITEMS, PLUMBING AND FIRE PROTECTION LINES AND ALL ASSOCIATED ITEMS PAINT COLOR P-3, UNLESS OTHERWISE NOTED. RE: DIVISION 9 SECTION "INTERIOR PAINTING". 3. SUSPENSION SYSTEMS FOR GYPSUM BOARD CEILINGS SHALL BE INSTALLED PER THE SPECIFICATIONS AND ASTM C754. 9. ALL LIGHT FIXTURES SHOWN AS EXISTING SHALL BE REPLACED IN KIND. **KEYNOTES** 095113.B ACOUSTICAL PANEL CEILING APC-2 **REFERENCE NOTES** 2.29 REINSTALL CEILING-MOUNTED MIRROR. 9.06 8'-0" TO BOTTOM OF SOFFIT. 9.07 REPLACE DAMAGED CEILING TILES. 9.08 MATCH EXISTING CEILING HEIGHT. LEGEND 2' x 4' ACOUSTICAL CEILING METAL SUSPENSION SYSTEM WITH ACOUSTICAL PANEL CEILING UNITS, APC-1, U.N.O. RE: **DIVISION 09 - FINISHES IN THE** SPECIFICATIONS 2' x 2' ACOUSTICAL CEILING METAL SUSPENSION SYSTEM WITH ACOUSTICAL PANEL CEILING UNITS, APC-2, U.N.O. RE: DIVISION 09 - FINISHES IN THE SPECIFICATIONS GYPSUM BOARD CEILING ON STEEL FRAMING AND SUPPORT SYSTEM. PAINT - P-____, U.N.O. RE: DIVISION 09 - FINISHES IN THE SPECIFICATION. VERTICAL SERVICE DROP/CHASE. COORDINATE WITH MECHANICAL DRAWINGS. LIGHTING FIXTURES, COORDINATE WITH ELECTRICAL DRAWINGS. MECHANICAL FIXTURES, COORDINATE WITH $\boxtimes \square \boxtimes$ MECHANICAL DRAWINGS. XX'-XX" A.F.F. CEILING HEIGHT ABOVE FINISH FLOOR ACCESS DOOR. RE: SPECIFICATION SECTION XXXXX MEL Μ -ARCHITECTS 205 N. 10th Street Suite 300 Boise, Idaho 83702 208.343.7523 482 Constitution Way, Suite 111 Idaho Falls, ID 83402 208.343.7523 hummelarch.com Project: WESTERN IDAHO YOUTH SUPPORT CENTER 308 EAST HAWAII AVENUE NAMPA, IDAHO 83686 Sheet: Set LEVEL 01 - COMPOSITE CEILING PLAN Bid Revisions: LICENSED ARCHITECT AR986287 allow 3.5.24-1 Amanda Boam STATE OF IDAHO Project No: 23026 Drawn By: CW MB Checked By: 01/19/2024 Date: NORTH Sheet No: A9.01

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		(Not all symbols listed below	LEGE	ND hese drawings				(Not all symbols listed held) these drawings)
ABBR	SYMBOL	DESCRIPTION			DESCRIPTION	ABBR	SYMBOL	DESCRIPTION			DESCRIPTION
					CAP END OF PIPE	HWS	HWS-	HEATING WATER SUPPLY PIPING			SUPPLY DUCT UP / DOWN
		- SECTION DESIGNATION		SLOPE	PITCH DOWN IN DIRECTION OF ARROW	HWR	— -HWR- —	HEATING WATER RETURN PIPING			RETURN DUCT UP / DOWN
		- SECTION CUT ON THIS SHEET			PIPE ANCHOR	HTWS	HTWS-	HIGH TEMPERATURE HEATING WATER SUPPLY PIPING			EXHAUST DUCT UP / DOWN
		VIEW REFERENCE DESIGNATION			PIPE ALIGNMENT GUIDE	HTWR	- HTWR· -	HIGH TEMPERATURE HEATING WATER RETURN PIPING		Ø I Ø	ROUND DUCT UP / ROUND DUCT DOWN
		- VIEW REFERENCE ON THIS SHEET		<u> </u>	UNION OR FLANGE	CHWS	—CHWS—	CHILLED WATER SUPPLY PIPING	48F12		FLAT OVAL DUCTWORK
		- EQUIPMENT UNIT IDENTIFICATION			CONCENTRIC PIPE REDUCER	CHWR	- CHWR -	CHILLED WATER RETURN PIPING		<u></u>	FLEXIBLE DUCT CONNECTION
	1-2-3	EQUIPMENT UNIT NUMBER (UNIT SERVED - FLOOR - — SEQUENCE #)			ECCENTRIC PIPE REDUCER	D	D	COOLING COIL DRAIN PAN PIPING	BDD		BACKDRAFT DAMPER
	10~	- DIFFUSER IDENTIFICATION	PRV	_&	PRESSURE REDUCING VALVE	CWS	cws	CONDENSER WATER SUPPLY PIPING	TCD		TEMP. CONTROL DAMPER-OPPOSED BLADE
	A 250	- DIFFUSER NECK DIAMETER - DIFFUSER CFM	PTRV		PRESSURE AND/OR TEMPERATURE RELIEF VALVE	CWR	— -CWR- —	CONDENSER WATER RETURN PIPING	TCD	<u>\\\\</u>	TEMP. CONTROL DAMPER- PARALLEL BLADE
		LINEAR DIFFUSER IDENTIFICATION			ISOLATION VALVE (RE: SPEC FOR TYPE)	GHWS	—GHWS—	GLYCOL HEATING WATER SUPPLY PIPING	MVD		MANUAL VOLUME DAMPER
	8ø/24"L-	— LINEAR DIFFUSER NECK DIAMETER — LINEAR DIFFUSER LENGTH		A	VERTICAL PIPE VALVE	GHWR	— GHWR —	GLYCOL HEATING WATER RETURN PIPING	MD		DUCT MOTORIZED DAMPER
	9999	- LINEAR DIFFUSER CFM	CV	ī	CHECK VALVE	PCWS	-PCWS-	PROCESS CHILLED WATER SUPPLY PIPING			CONICAL FITTING WITH MVD
		FINNED TUBE RADIATOR ACTIVE ELEMENT LENGTH		——————————————————————————————————————	SOLENOID / MOTORIZED VALVE	PCWR	- PCWR· -	PROCESS CHILLED WATER RETURN PIPING		La constante da la constante d	SPIN-IN FITTING WITH MVD
	2'-6" FTR	EQUIPMENT UNIT IDENTIFICATION EQUIPMENT UNIT NUMBER			SOLENOID VALVE	LPS	LPS	LOW PRESSURE STEAM SUPPLY PIPING (0 - 15#)	FD	●□	DUCT FIRE DAMPER
		- RADIATOR ENCLOSURE LENGTH (OR W-W=WALL-TO-WALL)		—-дні	HOSE END DRAIN VALVE	LPC	— -LPC- —	LOW PRESSURE CONDENSATE RETURN PIPING	FSD	�	COMBINATION DUCT FIRE/SMOKE DAMPER
	$\langle \rangle$	KEY NOTE REFERENCE	P/T	T P/T	PRESSURE / TEMPERATURE TAP	MPS	MPS	MEDIUM PRESSURE STEAM SUPPLY PIPING (16# - 60#)	SD	ør [⊟]	DUCT SMOKE DAMPER
		KITCHEN/OWNER/MEDICAL EQUIPMENT REFERENCE			STRAINER	MPC	— -MPC- —	MEDIUM PRESSURE CONDENSATE RETURN PIPING		F	DUCT SMOKE DETECTOR
	\Diamond	TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)			STRAINER W/ BLOWDOWN	HPS	HPS	HIGH PRESSURE STEAM SUPPLY PIPING (61# - 125#)	DAD		DUCT ACCESS DOOR
	•	POINT OF CONNECTION, NEW TO EXISTING			BRAIDED FLEXIBLE PIPE CONNECTOR	HPC	HPC	HIGH PRESSURE CONDENSATE RETURN PIPING		(cro	
		POINT OF DISCONNECTION, DEMO		—∞—	DOUBLE-BOWL FLEXIBLE PIPE CONNECTOR	PC	PC	PUMPED CONDENSATE PIPING			
		DIRECTION OF FLOW IN PIPE		<u> </u>	THERMOMETER	BBD	BBD	BOILER BLOWDOWN PIPING	EP	₽ [≈]	ELECTRIC-PNEUMATIC CONTROL VALVE
	[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]	DUCTWORK, PIPING AND EQUIPMENT TO BE REMOVED		<u> </u>	PRESSURE GAUGE	BF	BF	BOILER FEED WATER PIPING	PE	Ŷ	PNEUMATIC-ELECTRIC CONTROL SWITCH
(E)		EXISTING			SIGHT GLASS	RL		REFRIGERANT LIQUID PIPING		S ES	WALL SWITCH / EMERGENCY SWITCH
(N)		NEW	C.A.P.		CEILING ACCESS PANEL	RS	— — RS— —	REFRIGERANT SUCTION PIPING		TS	TEMPERATURE SENSOR
(R)		RELOCATED			PUMP	RHG	RHG	REFRIGERANT HOT GAS PIPING		()	WALL MOUNTED THERMOSTAT
(F)		FUTURE	ТВ		THRUST BLOCK	TT	⊗ _{TT}	THERMOSTATIC STEAM TRAP		<u>C02</u>	WALL MOUNTED CARBON DIOXIDE SENSOR
DIA	Ø	DIAMETER	MAV	<u> </u>	MANUAL AIR VENT	F&T	Ø∎ _{F&T}	FLOAT AND THERMOSTATIC STEAM TRAP		0	WALL MOUNTED OXYGEN SENSOR
WAD		WALL ACCESS DOOR	AAV	<u>+</u>	AUTOMATIC AIR VENT	IBT	T IBT	INVERTED BUCKET STEAM TRAP		H	HUMIDISTAT
NIC		NOT IN CONTRACT				TCV	- R - <u>R</u>-	(2 OR 3-WAY) TEMPERATURE CONTROL VALVE		∇	UNIT MOUNTED THERMOSTAT
AFF		ABOVE FINISHED FLOOR						VENTURI METER		PM	PRESSURE SENSOR / PRESSURE MONITOR
GC		GENERAL CONTRACTOR				BV	↓ — * —	CALIBRATED BALANCING VALVE	<u> </u>		UNDERCUT DOOR
MC		MECHANICAL CONTRACTOR				AFV	—▶ —	AUTO FLOW VALVE	<u> </u>		LOUVER IN DOOR
EC		ELECTRICAL CONTRACTOR				RSV	—M —	REFRIGERANT SERVICE VALVE		RISE	DUCT RISE
UNO		UNLESS NOTED OTHERWISE				DPS		DIFFERENTIAL PRESSURE SWITCH			DUCT DROP
С		COMMON				FS		FLOW SWITCH	A.L.		ACOUSTICALLY LINED DUCTWORK
NC		NORMALLY CLOSED				EJ		EXPANSION JOINT	TCOAD		TEMPERATURE CONTROL OUTSIDE AIR DAMPER
NO		NORMALLY OPEN				BJ		BALL JOINT EXPANSION COMPENSATOR	TCRAD		TEMPERATURE CONTROL RETURN AIR DAMPER
						SA		SUPPLY AIR	TCEAD		
		DOUBLE/SINGLE L	INE DU	CT LEG	SEND	RA		RETURN AIR	SP IN WC		STATIC PRESSURE IN INCHES WATER COLUMN
	· · · · ·	(Not all symbols listed below	v are used on t	hese drawings)	EA		EXHAUST AIR	EOMD		
SINGLE		DUBLE LINE SINGLE LINE DOUBLE LINE			UBLE LINE SINGLE LINE DOUBLE LINE	OA		OUTSIDE AIR	SCCR	<u> </u>	
	<u> </u>			- FLEX RIGID					SD SD		
	\mathbf{i}								RG		
	45° TEE (ROU	ND) 90° TEE (RECTANGULAR)		FLEX DUCT	90° RADIUS ELBOW				RG		
	— Г		1 .			l	1		EG EG		EXHAUST AIR DEVICE

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		DOUBLE (Not all	Symbols listed below	INE DUCT	LEGEND awings)		
SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE
45° TEE	(ROUND)	SEE DET 90° TEE (RE		RIGID 7 FLEX		90° RADIL	US ELBOW
45° TEE (RE				—ф_ MANUAL VOLI		90° EI	LBOW
DUCT	SPLIT	GRD F		 20 8 REDL	JCER	45° EI	LBOW

UNLESS NOTED OTHERWISE ALL SCHEDULED DATA IS LISTED AT ELEVATION 2500 FT

		(Not all symbols listed below are used on these drawings)
ABBR.	SYMBOL	DESCRIPTION
D.I.	D.I.	DIGITAL INPUT
D.O.	D.O.	DIGITAL OUTPUT
A.I.	A.L.	ANALOG INPUT
A.O.	Â	ANALOG OUTPUT
<u>GENERAL</u> 1. T 2. II 6 7	NOTES: HE TEMPERATUR DISCREPANCY BET DISCREPANCIES B N ADDITION TO TH DPERATION. THE D DOINTS TO SUPPO	E CONTROL MATRIX, CONTROL DIAGRAMS, AND THE SEQUENCE OF OPERATIONS ARE ALL BINDING AND COMPLEMENTARY. IF THERE IS A TWEEN THEM, THE WORST CASE SCENARIO SHALL BE USED FOR BIDDING PURPOSES. ADDITIONAL COSTS WILL NOT BE ALLOWED FOR TWEEN THE SPECIFICATIONS AND THE DRAWINGS. TO DO POINTS LISTED, THE CONTRACTOR SHALL CAREFULLY REVIEW ALL DRAWINGS, ALL SPECIFICATIONS, AND ALL SEQUENCES OF DOCUMENTS ARE ALL INCLUSIVE AND COMPLIMENTARY TO EACH OTHER. THE PROJECT SHALL INCLUDE ANY AND ALL NECESSARY DDC IRT THE REQUIREMENTS OF ALL THE DOCUMENTS.
3. A 4. P	LWAYS REFER TO	D DRAWINGS FOR QUANTITY. 20TOCOL COMMUNICATION WITH FACTORY SUPPLIED CONTROLLER.

4

BAS CONTRACTOR SHALL COORDINATE STATUS LEVEL FOR EACH ALARM POINT WITH THE OWNER TO DETERMINE WHICH ONES REQUIRE IMMEDIATE ATTENTION.

IF THERE IS A DISCREPANCY BETWEEN ANY DOCUMENTATION, THE WORST CASE SCENARIO SHALL BE USED FOR BIDDING PURPOSES. ADDITIONAL COSTS WILL

NOT BE ALLOWED FOR DISCREPANCIES BETWEEN THE SPECIFICATIONS AND DRAWINGS.

3. UNLESS OTHERWISE NOTED, ALL SUPPLY AIR DUCTWORK SHALL BE EXTERNALLY WRAPPED TO THICKNESS AS STATED IN SPECIFICATIONS AND RETURN AND EXHAUST DUCTWORK IS NEITHER LINED NOR WRAPPED. 4. PROVIDE ROOM AIR BALANCE TO ACHIEVE POSITIVE (+) OR NEGATIVE (-) AT THE DIFFERENTIAL PRESSURE INDICATED ON THE DRAWINGS.

GENERAL NOTES:

1. WORK INCLUDED IN THE CONTRACT IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.

5

2. A DETAILED METHOD OF PROCEDURE IS REQUIRED WHEN A CONSTRUCTION ACTIVITY AFFECTS THE SAFETY OF THE OCCUPANTS, OWNER'S EQUIPMENT OR VALUABLE CONTENTS OR ANY SYSTEM WHICH SUPPORTS THESE SYSTEMS; OR ESSENTIALLY AFFECTS THE BUILDING MANAGEMENT, OPERATIONS OR SECURITY.

3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.

4. COORDINATE WORK WITH ALL TRADES.

5. COORDINATE ALL DUCTWORK AND PIPING WITH EQUIPMENT, STRUCTURE, ETC.

6. CONTRACTOR SHALL NOT SHUT DOWN / TAKE OUT OF SERVICE ANY SYSTEMS WITHOUT FIRST COORDINATING WITH OWNER AND PREPARING M.O.P.

DEMOLITION GENERAL NOTES:

1. EXISTING ITEMS TO REMAIN ARE DENOTED LIGHTLY UNLESS OTHERWISE NOTED. ALL ITEMS SHOWN DASHED & BOLD SHALL BE REMOVED UNLESS OTHERWISE NOTED.

2. CONTRACTOR SHALL NOT SHUT-OFF OR PUT-OUT OF SERVICE ANY SYSTEMS OR SERVICE WITHOUT FIRST COORDINATING WITH THE OWNER.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND UNDERSTAND THE EXTENT OF THE REMODEL WORK REQUIRED PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENT.

4. CONTRACTOR SHALL DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENT.

5. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.

6. ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER UNLESS OTHERWISE NOTED AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.

7. WHERE EXISTING PIPING, T.C. TUBING/WIRING ETC. ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, THE WALLS SHALL BE REPAIRED TO MATCH ORIGINAL CONDITIONS.

8. WHERE EXISTING PIPING TO BE REMOVED PASSES THROUGH FLOORS, THEY SHALL BE CUT BACK TO WITHIN CONCRETE AND FILLED WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH WITH CONCRETE SURFACE.

HVAC PLAN NOTES:

1. ALL SUPPLY AIR DIFFUSERS ARE 4-WAY AIR PATTERN UNLESS SHOWN OTHERWISE.

2. DUCT SIZE OF BRANCH DUCT TO AIR DEVICE SHALL BE THE SAME SIZE AS NECK SIZE OF AIR DEVICE UNLESS NOTED OTHERWISE.

5. DUCT SIZES INDICATED ARE SHEET METAL SIZES. WHERE INTERNAL DUCT LINING IS PROVIDED, SHEET METAL SHALL NOT BE INCREASED IN SIZE.

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DESIG.	FUNCTION	STYLE	MFR.	MODEL	FRAME STYLE	MODULE SIZE	MATERIAL	FINISH	REMARKS
А	CEILING SUPPLY	LIGATURE RESISTANT	ANEMOSTAT	SV432	LAY-IN	SEE PLANS	STEEL	WHITE	
В	CEILING RETURN, TRANSFER	LIGATURE RESISTANT	ANEMOSTAT	RRSG	LAY-IN	SEE PLANS	STEEL	WHITE	
С	CEILING EXHAUST	LIGATURE RESISTANT	ANEMOSTAT	RRSG	SURFACE	SEE PLANS	ALUMINUM	WHITE	
D	CEILING RETURN, TRANSFER	MODULAR EGGCRATE FACE GRILLE, 1/2" X 1/2" X	TITUS	50F	LAY-IN	SEE PLANS	ALUMINUM	WHITE	
		1/2" GRID							

UNI UNI	IT. T FOR SHUTDO	WN UPON C	VERFLOW OF	CONDENSAT	E PAN.						-											
					SUPPLY	FAN					COOLING	G COIL - REFI	RIGERANT (AF	IRI)	FILTE	R	SIZ	E (INCHE	S)			
											SENS		ENTER							OPER	POWER	
	MOUNTING				SOUND					TOTAL	HEAT	SENS.								WEIGHT	SOURCE	
	STYLE	CFM (SL)	FAN SPEED	WATTS	POWER (dBA)	VOLTAGE	PHASE	MCA	MOCP	MBH (SL)	RATIO	MBH (SL)	DB (°F)	WB (°F)	STYLE	TYPE	L	W	Н	(LBS)	COMMENT	REMARKS
1	HIGH WALL	425	HIGH	1680	44	208	1	REMARK 1	REMARK 1	18.0	0.73	13.1	80	67	WASHABLE	SYNTHETIC	35	10	12	29	POWER FROM	2-6
																					LINE VOLTAGE	
																					SOURCE	

	MATCHED			COOLING	CAPACITY				REFRIG	ERANT	SIZ	E (INCH	ES)	OPER		ELECT	RICAL	1		
	SYSTEM	OPERATING	NOMINAL	TOTAL MBH				SOUND		CHARGE				WEIGHT		511405				
MODEL	COMPONENT	FUNCTION	TONS (SL)	(SL)	(°F)	(ĭ►)	AHRI SEER	POWER (dBA)	TYPE	(LBS)	L	w	н	(LBS)	VOLTAGE	PHASE	MCA	MOCP	CONTROL	REMARKS
UY-A18NKA7	DX-1	COOLING ONLY	1.5	18.0	115	-40	20.2	44	R410A	4.00	12	32	25	99	208	1	REMARK 1	REMARK 1	WALL MTD	2,3
																		1	WIRED REMOTE	
																			CONTROLLER	

THE RUNOUT DUCT OR IN-LINE TO THE AIR DEVICE BY THE CONTRACTOR INSTALLING	
S OR WHEN THE MANUFACTURER REQUIRES AN INTEGRAL MANUAL VOLUME DAMPER.	

UFACTURER'S I	INSTRUCTIONS.

TPIPING KITS IN E REQUIREMENTS T SYSTEM HE SIZE OF UNIT NG LENGTH & TO CONFIRM THE SHALL MEET THE MENTS. PROVIDE D INSTALLED TXV ACTURER'S	RNATE DENSATE DRAIN G SLOPING UP 1 INDOOR UNIT. N OUTLET SHALL DIRE INTEGRAL DENSATE PUMP KIT. 	OL FA CC VA ST ML AD CC MA MA	JTDOOR UNIT CTORY-INSTA MPONENTS S ILVES, SAFET RAINERS, EXF JFFLER, ETC. DITIONAL EXT MPONENTS A NUFACTUREI NUAL. OUTDOC UNIT EFER TO SPE OR ADDITION, ISULATION EQUIREMENT	MAY CON ALLED SUCH AS : Y SWITCH PANSION PROVIDE TERNAL P AS REQUI R'S INSTA	NTAIN SERVICE IES, VALVE, PIPING RED BY ALLATION	
DUCTLESS SYSTEM P	BE REQUIRED. SPLIT IPING DET	。 AIL	F REFRIGERA	NT PIPIN	G 	-
SUALE: NUNE					2316-07	

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	A R C H I T E C T S 205 N. 10th Street Suite 300 Boise, Idaho 83702 208.343.7523 482 Constitution Way, Suite 111 Idaho Falls, ID 83402 208.343.7523 Project: WESTERN IDAHO YOUTH SUPPORT CENTER
	A R C H I T E C T S A R C H I T E C T S A B C Constitution Way, Suite 300 Boise, Idaho 83702 208.343.7523 A B 2 Constitution Way, Suite 111 Idaho Falls, ID 83402 208.343.7523 P r o j e c t : WESTERN IDAHO YOUTH SUPPORT CENTER 308 E Hawaii Ave, Nampa, Idaho 83686
BID SET	ARCHITECTS 205 N. 10th Street Suite 300 208.343.7523 482 Constitution Way, Suite 111 Idaho Falls, ID 83402 208.343.7523 Project: WESTERN IDAHO YOUTH SUPPORT CENTER 308 E Hawaii Ave, Nampa, Idaho 83686 Sheet: MECHANICAL SCHEDULES & DETAILS
BID SET	ARCHITECTS

M0.02







M1EXISTING AIR DEVICE TO BE RELOCATED. SEE NEW WORK PLAN.M7REMOVE EXHAUST DUCTWORK ABOVE CEILING. CAP DUCTWORK BELOW
ROOF PENETRATION IN CEILING SPACE.





 KEYNOTES
REMOVE EXISTING THERMOSTAT ON WALL AND ALL ASSOCIATED CONTROL WIRING TO EXISTING FTB. TURNOVER EXISTING THERMOSTAT TO OWNER.

42	0 South ((208) 343	A S S C Drchard St 3-3663 • W	DR R DCIATE reet, Boise ww.catorr	ES, C , ID 837 uma.con	A 0. 05
1-1	U	Μ	Μ	Ε	L

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Project: WESTERN IDAHO YOUTH SUPPORT CENTER

308 E Hawaii Ave, Nampa, Idaho 83686

HVAC PIPING DEMO PLAN

	Revisions: /	
7	Project No:	23481
	Drawn By: Chockod By:	LT
	Date:	03/05/24
	Sheet No: MC)1.20



	KEYNOTES
M2	EXISTING AIR DEVICE RELOCATED, BALANCE TO CFM SHOWN.
M3	EXISTING AIR DEVICE TO REMAIN, BALANCE TO CFM SHOWN.
M6	EXISTING TERMINAL BOX TO REMAIN, BALANCE TO CFM SHOWN.
M7	REMOVE EXHAUST DUCTWORK ABOVE CEILING. CAP DUCTWORK BELOW ROOF PENETRATION IN CEILING SPACE.
M10	PROVIDE 4" DUCT FOR NEW DRYER, BY OTHERS. EXTEND THROUGH EXTERIOR WALL AND PROVIDE WITH DRYER APPROVED WALL CAP, NO INSECT SCREEN.
M11	SUPPORT CONDENSING UNIT ON 'MIRO' MINI SPLIT RAIL SUPPORT STAND OR SIMILAR. SIZE STANT TO PREVENT OVERTURNING. ALLOW FOR MANUFACTURER'S REQUIRED CLEARANCES.
M12	ALUMINUM DUCTWORK FOR EXHAUST SERVING RESTROOM.
M13	RELOCATE FTB AS NECESSARY TO AVOID CONFLICT WITH NEW WALL. CONTRACTOR TO FIELD VERIFY FTB LOCATION. DISCONNECT AND RECONNECT ALL CONNECTIONS INCLUDING PIPING, DUCTWORK, CONTROLS AND ELECTRICAL.

KEYNOTES

5

M5 PROVIDE NEW THERMOSTAT, WIRING AND CONTROLS TO EXISTING FTB.

ABBR.	SYMBOL	DESCRIPTION	ABBR.	SYMBOL	DESCRIPTION
					CAP END OF PIPE
				SLOPE	PITCH DOWN IN DIRECTION OF ARROW
		SECTION OUT ON THIS SHEET		—×—	PIPE ANCHOR
		- VIEW REFERENCE DESIGNATION			PIPE ALIGNMENT GUIDE
		- VIEW REFERENCE ON THIS SHEET			UNION OR FLANGE
		EQUIPMENT UNIT IDENTIFICATION			CONCENTRIC PIPE REDUCER
	1-2-3	EQUIPMENT UNIT NUMBER (UNIT SERVED - FLOOR - — SEQUENCE #)			ECCENTRIC PIPE REDUCER
	10 ~		PRV		PRESSURE REDUCING VALVE
X	A 250	— DIFFUSER NECK DIAMETER — DIFFUSER CFM	PTRV		PRESSURE AND/OR TEMPERATURE RELIEF VALVE
		LINEAR DIFFUSER IDENTIFICATION		—	ISOLATION VALVE (RE: SPEC FOR TYPE)
	8ø/24"L	— LINEAR DIFFUSER NECK DIAMETER — LINEAR DIFFUSER LENGTH		A	VERTICAL PIPE VALVE
	9999	- LINEAR DIFFUSER CFM	CV		CHECK VALVE
		- FINNED TUBE RADIATOR ACTIVE ELEMENT LENGTH		₩	SOLENOID / MOTORIZED VALVE
	2'-6" FTR	EQUIPMENT UNIT IDENTIFICATION EQUIPMENT UNIT NUMBER		₩	SOLENOID VALVE
		- RADIATOR ENCLOSURE LENGTH (OR W-W=WALL-TO-WALL)		—д-н	HOSE END DRAIN VALVE
	$\langle \rangle$	KEY NOTE REFERENCE	P/T		PRESSURE / TEMPERATURE TAP
		KITCHEN/OWNER/MEDICAL EQUIPMENT REFERENCE			STRAINER
	\Diamond	TYPICAL ROOM REFERENCE (TOP = RM #, BOTTOM = FLR)			STRAINER W/ BLOWDOWN
	Ó	POINT OF CONNECTION, NEW TO EXISTING			BRAIDED FLEXIBLE PIPE CONNECTOR
		POINT OF DISCONNECTION, DEMO			DOUBLE-BOWL FLEXIBLE PIPE CONNECTOR
		DIRECTION OF FLOW IN PIPE		μ	THERMOMETER
	[[]]]]	DUCTWORK, PIPING AND EQUIPMENT TO BE REMOVED			PRESSURE GAUGE
(E)		EXISTING		<u> </u>	SIGHT GLASS
(N)		NEW	C.A.P.		CEILING ACCESS PANEL
(R)		RELOCATED			PUMP
(F)		FUTURE	ТВ		THRUST BLOCK
DIA	Ø	DIAMETER	MAV		MANUAL AIR VENT
WAD		WALL ACCESS DOOR	AAV		AUTOMATIC AIR VENT
NIC		NOT IN CONTRACT			
AFF		ABOVE FINISHED FLOOR			
GC		GENERAL CONTRACTOR			
MC		MECHANICAL CONTRACTOR			
EC		ELECTRICAL CONTRACTOR			
UNO		UNLESS NOTED OTHERWISE			
C		COMMON		1	

- 1

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D

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Α

NC

NO

NORMALLY CLOSED

NORMALLY OPEN

	FIRE PROTECTION LEGEND (Not all symbols listed below are used on these drawings)							
ABBR.	SYMBOL	DESCRIPTION	ABBR.	SYMBOL	DESCRIPTION			
F	F	FIRE SERVICE PIPING			NEW SPRINKLER HEAD			
0.S.&Y.	—M —	O.S.&Y. GATE VALVE W/ TAMPER SWITCH		0	EXISTING SPRINKLER HEAD			
FS		FLOW SWITCH		•	RELOCATED SPRINKLER HEAD			
PIV		POST INDICATOR VALVE			SIDEWALL SPRINKLER HEAD			
FDC	\prec	FIRE DEPARTMENT CONNECTION		D24	DRY SPRINKLER HEAD (SHAFT LENGTH)			
			FHC		FIRE HOSE CABINET			
			FVC		FIRE VALVE CABINET			
			Δ/S		AUTOMATIC FIRE SPRINKLER			

- 3

4

		(Not all symbols listed below	G LEGE	END these drawings	3)
ABBR.	SYMBOL	DESCRIPTION	ABBR.	SYMBOL	DESCRIPTION
CW	CW	DOMESTIC COLD WATER PIPING	GCO/SCO	\bigcirc	GRADE CLEANOUT / SURFACE CLEANOUT
HW	——————————————————————————————————————	DOMESTIC HOT WATER PIPING	FCO	\odot	FLOOR CLEANOUT
HWC	——————————————————————————————————————	DOMESTIC HOT WATER CIRC PIPING	WCO	с	WALL CLEANOUT
CW-S	CW-S_	SOFTENED DOMESTIC COLD WATER PIPING	CO	ولح	LINE CLEANOUT
HW-S		SOFTENED DOMESTIC HOT WATER PIPING	AD	0	AREA DRAIN
140°F HW	—— – – – 140°F HW	DOMESTIC HOT WATER PIPING @ TEMP SHOWN	FD	\oslash	FLOOR DRAIN
140°F HWC	————————————————— ———————————————————	DOMESTIC HOT WATER CIRC PIPING @ TEMP SHOWN	FS		FLOOR SINK
TW	——————————————————————————————————————	TEPID WATER PIPING	RD / OD	0	ROOF DRAIN OR OVERFLOW DRAIN
TWC		TEPID WATER CIRC PIPING			
ICW		INDUSTRIAL COLD WATER PIPING	VB	f	ATMOSPHERIC VACUUM BREAKER
IHW	—— – – —IHW—	INDUSTRIAL HOT WATER PIPING	BFP	<u>k</u> 77k	BACKFLOW PREVENTER
IHWC		INDUSTRIAL HOT WATER CIRC PIPING	SA		SHOCK ARRESTOR W / ISOLATION VALVE
NPCW		NON-POTABLE COLD WATER PIPING	GC		GAS SHUT-OFF VALVE
NPHW		NON-POTABLE HOT WATER PIPING		ф	STOP AND DRAIN VALVE
NPHR	NPHR_	NON-POTABLE HOT WATER CIRC PIPING	BV	¥	BALANCING VALVE
V	V·	VENT PIPING	WН	++-	WALL HYDRANT
AV	AV	ACID RESISTANT VENT PIPING	НВ	+	HOSE BIBB
W	W	WASTE PIPING	RH		ROOF HYDRANT
W	— —w— —	WASTE PIPING BELOW FLOOR	YH		YARD HYDRANT
AW	AW	ACID RESISTANT WASTE PIPING	DSN	-ଦ	DOWNSPOUT NOZZLE
AW	— –AW– —	ACID RESISTANT WASTE PIPING BELOW FLOOR	МН		MANHOLE
GW	GW	GREASE WASTE (TO GREASE INTERCEPTOR)	CI		CAST IRON
GW	— -GW- —	GREASE WASTE PIPING BELOW FLOOR	СВ		CATCH BASIN
SD	SD	STORM DRAIN PIPING	VTR		VENT THRU ROOF
SD	— — sd— —	STORM DRAIN PIPING BELOW FLOOR	IE		INVERT ELEVATION
OD	OD	OVERFLOW DRAIN PIPING	PVC		POLYVINYL CHLORIDE
OD	— — OD— —	OVERFLOW DRAIN PIPING BELOW FLOOR			
CA	CA	COMPRESSED AIR			
G	G	NATURAL GAS PIPING			

DEMOLITION GENERAL NOTES:

- 1. EXISTING ITEMS TO REMAIN ARE DENOTED LIGHTLY UNLESS OTHERWISE NOTED. ALL ITEMS SHOWN DASHED & BOLD SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- 2. CONTRACTOR SHALL NOT SHUT-OFF OR PUT-OUT OF SERVICE ANY SYSTEMS OR SERVICE WITHOUT FIRST COORDINATING WITH THE OWNER.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND UNDERSTAND THE EXTENT OF THE REMODEL WORK REQUIRED PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR WORK REQUIRED TO ACHIEVE THE END RESULT AS INDICATED BY THE CONTRACT DOCUMENT.
- 4. CONTRACTOR SHALL DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACILITATE ALL WORK INDICATED BY THE CONTRACT DOCUMENT.
- 5. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.
- 6. ALL ITEMS IDENTIFIED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER UNLESS OTHERWISE NOTED AND STORED IN THE AREA DESIGNATED BY THE OWNER. REMOVE FROM SITE AND LEGALLY DISPOSE OF ALL ITEMS THE OWNER CHOOSES NOT TO ACCEPT.
- 7. WHERE EXISTING PIPING, WIRING ETC. ARE TO BE REMOVED FROM WALLS WHICH ARE REMAINING, THE WALLS SHALL BE REPAIRED TO MATCH ORIGINAL CONDITIONS.
- 8. WHERE EXISTING PIPING TO BE REMOVED PASSES THROUGH FLOORS, THEY SHALL BE CUT BACK TO WITHIN CONCRETE AND FILLED WITH GROUT TO ACHIEVE A SMOOTH AND EVEN FINISH WITH CONCRETE SURFACE.

- SECURITY.

- FIXTURES.

- LOCATIONS.

- PIPING, ETC.

GENERAL NOTES:

1. WORK INCLUDED IN THE CONTRACT IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.

5

2. A DETAILED METHOD OF PROCEDURE IS REQUIRED WHEN A CONSTRUCTION ACTIVITY AFFECTS THE SAFETY OF THE OCCUPANTS, OWNER'S EQUIPMENT OR VALUABLE CONTENTS OR ANY SYSTEM WHICH SUPPORTS THESE SYSTEMS; OR ESSENTIALLY AFFECTS THE BUILDING MANAGEMENT, OPERATIONS OR

3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES FOR RESOLUTION.

4. COORDINATE WORK WITH ALL TRADES.

5. CONTRACTOR IS RESPONSIBLE FOR SECURING AND WEATHERPROOFING ANY ROOF OPENING NOT COMPLETED DURING WORKING HOURS.

6. COORDINATE ALL PIPING WITH EQUIPMENT, STRUCTURE, ETC.

7. CONTRACTOR SHALL NOT SHUT DOWN / TAKE OUT OF SERVICE ANY SYSTEMS WITHOUT FIRST COORDINATING WITH OWNER AND PREPARING M.O.P.

PLUMBING NOTES:

1. CONTRACTOR SHALL NOT SHUT-OFF/PUT OUT OF SERVICE ANY SYSTEMS/SERVICES WITHOUT FIRST COORDINATING WITH OWNER.

2. THIS CONTRACTOR SHALL COORDINATE LOCATIONS OF PIPING WITH OTHER TRADES AND ADVISE ARCHITECT/ENGINEER OF ANY POSSIBLE CONFLICTS. VERIFY EXACT LOCATIONS, ELEVATIONS AND DIMENSIONS OF STRUCTURAL MEMBERS AND OPENINGS.

3. SEE SPECIFICATIONS FOR WATER HAMMER ARRESTOR SIZING. ALL FLUSH VALVES AND SOLENOID OPERATED EQUIPMENT SHALL HAVE A WATER HAMMER ARRESTOR.

4. SEE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZING TO INDIVIDUAL PLUMBING

5. ALL EXISTING FIXTURES AND EQUIPMENT TO BE REMOVED SHALL HAVE ALL ASSOCIATED PIPING CONTROLS, HANGERS, SUPPORTS AND ANY MISCELLANEOUS ASSOCIATED SERVICE OR PART REMOVED COMPLETELY.

6. REFER TO ARCHITECTURAL DRAWINGS FOR ROOF PENETRATION DETAILS.

7. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE ELEVATIONS AND

8. SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR DIMENSIONED LOCATION OF PLUMBING FIXTURES AND WALLS.

9. PROVIDE CLEANOUTS IN ACCESSIBLE LOCATIONS PER THE PROJECT SPECIFICATIONS AND LOCAL PLUMBING CODES.

FOUNDATION **PLUMBING NOTES:**

1. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK.

2. COORDINATE WORK WITH ALL TRADES.

3. SEE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR EXACT LOCATION OF PLUMBING FIXTURES AND WALLS.

4. PROVIDE A WALL CLEANOUT ON ALL VERTICAL VENT PIPING SERVING BELOW GRADE HORIZONTAL WASTE PIPING.

FIRE PROTECTION NOTES:

1. FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY FOR THE INSTALLATION OF A COMPLETE AND PROPERLY FUNCTIONING FIRE PROTECTION SYSTEM.

2. THE FIRE PROTECTION WORK INVOLVES ENGINEERING AND DESIGN BY THE CONTRACTOR TO DETERMINE THE EXTENT OF NEW WORK AND THE MODIFICATION AND EXTENSION OF EXISTING SYSTEMS TO PROVIDE FULL COVERAGE TO THE PROJECT AREA SHOWN ON THESE AND THE ARCHITECTURAL PLANS.

3. THE INFORMATION PRESENTED ON THESE DRAWINGS IS DIAGRAMMATIC. IT DOES NOT NECESSARILY REPRESENT ALL ELBOWS, OFFSETS, HANGERS, ETC., REQUIRED FOR A COMPLETE WORKING SYSTEM.

4. ALL FIRE PROTECTION SYSTEMS INSTALLED SHALL BE IN ACCORDANCE WITH NFPA-13, 14, 20, ETC. AND LOCAL BUILDING CODES AND ORDINANCES.

5. FIRE PROTECTION CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL NEW FIRE PROTECTION EQUIPMENT AND PIPING WITH ALL OTHER TRADES PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND SYSTEM INSTALLATION, SO AS NOT TO INTERFERE WITH THE ROUTING OF NEW DUCTWORK, PLUMBING

6. PROVIDE ALL FITTINGS, RISER NIPPLES, ARM-OVERS, HANGERS, ETC. TO MAINTAIN CONFORMANCE WITH APPLICABLE STANDARDS AND TO POSITION THE SPRINKLERS IN THE PROPER LOCATIONS.

7. SEAL ALL PIPE PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS WITH FIRE STOPPING MATERIALS AS REQUIRED.

8. FOR REMODEL AREAS NEW SPRINKLERS SHALL MATCH EXISTING SPRINKLERS.

9. PROVIDE WORKING DRAWINGS AND HYDRAULICALLY CALCULATE THIS FIRE SPRINKLER SYSTEM PER NFPA-13 WHERE REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

10. PROVIDE FIELD COORDINATION OF PIPING AND SPRINKLER INSTALLATIONS WITH DUCTWORK, LIGHTS, SMOKE DETECTORS, DIFFUSERS, ETC.

Revisions:	
 Project No: Drawn By: Checked By: Date:	23481 LT LJ 03/05/24
Sheet No:	P0.01

PLU	/IBING FIX	TURE SCHEDULE												
<u> </u>	IOTES: 1. REFER TO G 2. GRAB BARS 3. THIS SCHED 4. REFER TO A	ENERAL SPECIFICATIONS FOR WATER CLOSETS, URINALS, LAVATORIES, SINKS BY ARCHITECT. ULE INCLUDES ITEMS THAT MAY NOT BE INCLUDED IN THE DRAWING DOCUMEN ⁻ RCHITECTURAL DRAWINGS FOR LOCATION AND MOUNTING HEIGHT.	AND MISCELLANEOUS I	FIXTURE REQU	IREMENTS.									
		FIXTURE					TRIM	ELECTRICAL			CONNE	CTIONS	1	
DESIG.	FIXTURE NAME	FIXTURE DESCRIPTION	MANUFACTURER	MODEL	SIZE	MANUFACTURER	MODEL	REQUIREMENTS	FLOW	WASTE	VENT	cw	нw	REMARKS
L-1	LAVATORY	SOLID SURFACE INTEGRAL SINK BY ARCH. PLUMBING TO PROVIDE/INSTALL TRIM, LAMINAR FLOW LIGATURE RESISTANT FAUCET	N/A	N/A	N/A	BEHAVIORAL SAFETY	SF380	MANUAL	0.6 GPM	1 1/2"	1 1/2"	1/2"	1/2"	PROVIDE AND INSTALL ASSE-1070 MIXING VALVE.
S-1	2 COMPT. SINK	SOLID SURFACE INTEGRAL SINK BY ARCH. PLUMBING TO PROVIDE/INSTALL TRIM, MANUAL OPERATED FAUCET	N/A	N/A	N/A	T & S. BRASS	B-0892-B-199-21	MANUAL	2.2 GPM	2"	1 1/2"	1/2"	1/2"	
S-2	1 COMPT. SINK	SOLID SURFACE INTEGRAL SINK BY ARCH. PLUMBING TO PROVIDE/INSTALL TRIM. MANUAL OPERATED LAMINAR FLOW FAUCET	N/A	N/A	N/A	T & S. BRASS	B-2685-04 LAMINAR FLOW	MANUAL	2.2 GPM	2"	1 1/2"	1/2"	1/2"	
SH-1	SHOWER	SHOWER SYSTEM WITH PRESSURE BALANCING VALVE AND TRANSFER VALVE, ADA, LIGATURE RESISTANT	WILLOUGHBY	S-3636-HC-FA	36" X 36" X 88"	WILLOUGHBY	DRAIN: ICD, TRIM: PML2	MANUAL	2.5 GPM	2"	1 1/2"	1/2"	1/2"	
WC-1	WATER CLOSET	FLOOR MOUNTED, BOTTOM OUTLET, SIPHON JET, ELONGATED BOWL, FLUSH VALVE, ADA, LIGATURE RESISTANT	WHITEHALL	WH2142-ADA- T-EGE10	N/A	WHITEHALL	WH2802-ADA-1.28	MANUAL	1.28 GPF	4"	2"	1"	-	PROVIDE WITH WHITEHALL WH-LRSC-WHITE TOILET SEAT.
WWB-1	WASHER WALL BOX	RECESSED WALL MOUNT, 20GA. POWDER COATED STEEL, 1/4 TURN SWEAT VALVES W/ WATER HAMMER ARRESTORS, 2" DRAIN	GUY GRAY	T200TPPVCHA	14" X 9.2"	N/A	N/A	N/A	-	2"	1 1/2"	3/4	3/4	

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	KEYNOTES	
2	DISCONNECT DEMOLISHED PLUMBING FIXTURES AND CAP FOR CONNECTION TO NEW.	
10	DEMOLISH EXISTING COLD AND HOT WATER BACK TO MAIN TO ELIMINATE DEADLEGS.	

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ARCHITECTS

hummelarch.com

Project: WESTERN IDAHO YOUTH SUPPORT CENTER

308 E Hawaii Ave, Nampa, Idaho 83686

Sheet: **BID SET** DOMESTIC WATER DEMO PLAN Revisions: \triangle Project No: Drawn By: 23481 LT Checked By: LJ Date: 03/05/24 Sheet No: PD1.10

- 1

	KEYNOTES
P1	DEMOLISH CONNECTION TO EXISTING FIXTURE. CAP WASTE PIPE IN WALL.
P2	DISCONNECT DEMOLISHED PLUMBING FIXTURES AND CAP FOR CONNECTION TO NEW.
P4	SAWCUT SLAB FOR DEMO OF EXISTING WASTE. REFER TO ARCH FOR MORE DETAILS.

KEYNOTES

P2 DISCONNECT DEMOLISHED PLUMBING FIXTURES AND CAP FOR CONNECTION TO NEW.

	KE	YNO	TES
-			

P7 DEMOLISH ALL ASSOCIATED MED GAS PIPING TO OUTLETS WITHIN WALL. P8 DEMOLISH OXYGEN MANIFOLD, BOTTLES, PUMP, VALVES AND PIPING IN ITS ENTIRITY. P9 DEMOLISH ALL MED GAS PIPING BACK TO VACUUM PUMP. EQUIPMENT IS TO REMAIN IN PLACE.

KEYNOTES

P5 NEW FIXTURE TO CONNECT TO EXISTING PIPING.

KEYNOTES
FOR NEW WASTE TIE-IN. REFER TO

P3SAWCUT SLAB FOR NEW WASTE TIE-IN. REFER TO
DETAILS.P5NEW FIXTURE TO CONNECT TO EXISTING PIPING.

KEYNOTES

P5 NEW FIXTURE TO CONNECT TO EXISTING PIPING.

KEYNOTES

RECEPTACLE DEVICE ABBREVIATIONS						
SYMBOL	DESCRIPTION		NOTES			
GFI	GROUND FAULT INTERRUPTER					
TR	IR TAMPER RESISTANT					
	EQUIPMENT CONNECTION	SCHEDULE				
SYMBOL	DESCRIPTION	HARDWIRE (HW) OR DEVICE	NOTES			

14-30R

5-20R

5-20R

5-20R

5-20R (DOUBLE-DUPLEX)

5-20R (GFCI)

D DRYER

DISHWASHER

MICROWAVE

TV TELEVISION OUTLET

W WASHER

REFRIGERATOR

DW

MW

RF

INSTRUCTIONS. SYMBOL F ΕG **E1**5 **DE** 15 ♦ K
 FACP
 FIRE ALARM CONTROL PANEL

NAC

SYMBOL

 \cap

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1⊗ 1⊗+

SYMBOL ACH ACV AFC AFF AIC C.O. GFCI HW kA KS mΑ MLO SPD UON WAP

CIRCUIT CALLOUT-PANEL CALLOUT-LOCATION DESIGNATOR; AC (WHERE SHOWN) DEVICE TYPE;-SEE SCHEDULE

TYPICAL ELECTRICAL **CIRCUIT CONNECTION CALLOUTS** NOT TO SCALE

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LIGHTING SYMBOLS

DESCRIPTION

WALL MOUNTED LIGHTING OUTLET AND LUMINAIRE RECESSED ROUND LIGHTING OUTLET AND LUMINAIRE MONOPOINT LIGHTING OUTLET AND LUMINAIRE

LIGHTING OUTLET AND LUMINAIRE

GRID MOUNTED RECESSED LIGHTING OUTLET AND LUMINAIRE

EXIT LIGHTING OUTLET AND FIXTURE, CEILING OR WALL MOUNTED; DIRECTIONAL ARROWS AS REQUIRED OR AS NOTED; HATCH DENOTES FACE ORIENTATION

LIGHTING SYMBOLS GENERAL NOTES: EXISTING ELECTRICAL ITEMS INDICATED WITH SHADED SOLID LINES.

ALL SYMBOLS IDENTIFIED MAY NOT BE USED ON PLANS.

GRAPHICAL SIZE OF LUMINAIRES ON PLANS INTENDED TO DEPICT NOMINAL SIZE OF LUMINAIRE. REFER TO LIGHTING CONTROL AND LUMINAIRE INSTALLATION SCHEDULES ON LIGHTING PLANS FOR ADDITIONAL INSTALLATION

FIRE ALARM SYMBOLS LIST

DESCRIPTION

- FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED; P PHOTO ELECTRIC, I IONOZATION, H HEAT
- FIRE ALARM MANUAL STATION, G POLYCARBONATE OPERABLE GUARD WITH INTEGRAL BATTERY OPERATED HORN
- FIRE ALARM HORN WITH STROBE LIGHT, WALL MOUNT, WITH STROBE INTENSITY INDICATED, G POLYCARBONATE PROTECTIVE GUARD DERATE CANDELLA PER NFPA 72
- FIRE ALARM HORN / STROBE, CEILING MOUNTED, CANDELA RATING NOTED
- F) 75 FF 75 FIRE ALARM STROBE LIGHT, CEILING OR WALL MOUNT, WITH STROBE INTENSITY INDICATED FIRE ALARM DOOR HOLDER PROVIDED WITH DOOR HARDWARE, CEILING OR WALL MOUNTED

- FIRE ALARM REMOTE ANNUNCIATOR
- NOTIFICATION APPLIANCE CIRCUIT

FIRE ALARM SYMBOLS LIST GENERAL NOTES: ALL SYMBOLS IDENTIFIED MAY NOT BE USED ON PLANS.

ELECTRICAL ABBREVIATIONS

DESCRIPTION

ABOVE COUNTER. HORIZONTAL MOUNT. CENTERED IN BACKSPLASH ABOVE COUNTER, VERTICAL MOUNT, 6" ABOVE COUNTER OR 3" ABOVE BACKSPLASH AVAII ABI E FAUI T CURRENT ABOVE FINISHED FLOOR AMPERES INTERRUPTING CAPACITY CEILING MOUNT CONVENIENCE OUTLET EMPTY CONDUIT WITH PULL-LINE GROUND FAULT CIRCUIT INTERRUPTER HARD WIRE / DIRECT CONNECTION KILO - AMPS DENOTES INSTALLATION IN KNEESPACE OF MILLWORK. DEVICE SHALL BE CENTERED IN KNEESPACE. KNEESPACE LOCATIONS TO BE COORDINATED WITH MILLWORK ELEVATIONS PRIOR TO ROUGH-IN

MILLI - AMPS MAIN LUGS ONLY ON CENTER

SURGE PROTECTION DEVICE UNLESS OTHERWISE NOTED

WIRELESS ACCESS POINT

WEATHERPROOF

ELECTRICAL SYMBOLS LIST

	CAPPED RACEWAY
,	INTERCONNECTION RACEWAY AND CONDUCTORS
<u> </u>	TELECOMMUNICATIONS NETWORK EQUIPMENT RACK
'A'	BRANCH CIRCUIT PANELBOARD, SURFACE AND FLUSH MOUNTED, DASHED LINE DENOTES MINIMUM WORKING CLEARANCE
	TELECOMMUNICATIONS TERMINAL BOARD (TTB), 3/4" THICK, FIRE-TREATED PLYWOOD; HEIGHT: 8'-0" UON, WIDTH AS SHOWN ON PLANS
≽	DUPLEX RECEPTACLE, (CONVENIENCE OUTLET, C.O.) NUMBER INDICATES CIRCUIT
⊨	DOUBLE DUPLEX RECEPTACLE
٩	SPECIAL PURPOSE RECEPTACLE OR CONNECTION, CEILING OR WALL MOUNTED
🔘 FB-1	FLUSH, CAST - IN - PLACE COMBINATION FLOORBOX, TYPE PER SCHEDULE
DB	JUNCTION BOX, CEILING OR WALL MOUNTED, B - BLANK
]	DISCONNECT SWITCH
R	CARD READER OUTLET BOX; M - MULLION
ĺΡ	KEYPAD; +46" AFF
B	DOORBELL CHIME; NUTONE MODEL NO. LA11WH OR EQUAL.
و	CIRCUIT BREAKER
	PUSHBUTTON STATION (FLUSH)
Z AC	TELECOMMUNICATIONS OUTLET, 18" UON, 4 11/16" SQUARE OUTLET BOX, EXTRA DEEP WITH A SINGLE GANG EXTENSION RING; AC - ABOVE COUNTER; BC - BELOW COUNTER, +18" AFF; AP - WIRELESS ACCESS POINT; R - RAIL MOUNTED WORKSTATION, +78" AFF; T - TV DATA; W - WALL PHONE, +48" AFF; NUMBER INDICATES QUANTITY OF CABLES
D	THERMOSTAT OUTLET
1)	KEYNOTE NUMBER
1	DETAIL REFERENCE
2 E0.0	ENLARGED PLAN REFERENCE

EQUIPMENT DESIGNATION

* SEE SPECIFICATION SECTION 260533 FOR ADDITIONAL CONDUIT REQUIREMENTS

ELECTRICAL SYMBOLS LIST GENERAL NOTES: HEIGHTS INDICATED ARE TO CENTER OF ITEM.

EXISTING ELECTRICAL ITEMS INDICATED WITH SHADED SOLID LINES. 3. ALL SYMBOLS IDENTIFIED MAY NOT BE USED ON PLANS.

- LECTRICAL RACEWAY AND CABLING GENERAL INSTRUCTIONS ALL ELECTRICAL SYSTEMS SHALL BE INSTALLED IN LISTED RACEWAY SYSTEMS COMPLYING WITH THE REQUIREMENTS SET FORTH IN THESE DRAWINGS AND SPECIFICATIONS. ALL ELECTRICAL CONDUCTORS SHALL BE LISTED AND SUITABLE FOR THE ENVIRONMENT AND APPLICATION WITHIN WHICH THEY ARE INSTALLED. CONDUCTORS FOR SYSTEMS OPERATING AT GREATER THAN OR EQUAL TO 120 VOLTS NOMINAL TO GROUND SHALL UTILIZE NOT LESS THAN #12 AWG (AMERICAN WIRE GAUGE). CONDUCTORS SHALL BE INCREASED IN SIZE RELEVANT TO VOLTAGE DROP OR WHERE RACEWAY FILL RATIOS REQUIRE REDUCTION IN AMPACITY LISTINGS. WHERE NEUTRAL CONDUCTORS ARE REQUIRED. THE NEUTRAL CONDUCTOR SHALL BE CONSIDERED A CURRENT-CARRYING CONDUCTOR. AMPACITY OF ELECTRICAL CONDUCTORS SHALL BE BASED ON 75 DEGREE CELSIUS TEMPERATURE RATING. THE USE OF MULTI-WIRE BRANCH CIRCUITS THAT SHARE A NEUTRAL CONDUCTOR (COMMONLY REFERRED TO AS AN 'EDISON' CIRCUIT) ARE PROHIBITED. DEDICATED NEUTRAL CONDUCTORS SHALL BE INSTALLED FOR ALL LINE-TO-GROUND BRANCH CIRCUIT CONNECTIONS. ALL FEEDER AND BRANCH CIRCUITS SHALL BE EQUIPPED WITH A DEDICATED EQUIPMENT GROUNDING CONDUCTOR. IN NO CASE SHALL RACEWAYS BE UTILIZED AS THE ONLY EQUIPMENT GROUNDING CONNECTION. BRANCH CIRCUITS DERIVED FROM THE SAME SOURCE MAY BE COMBINED IN SINGLE RACEWAY WHERE PRACTICAL. IN NO CASE, UNLESS PART OF A LISTED FACTORY-BUILT WIRING SYSTEM, SHALL MORE THAN THREE (3) LINE-TO-GROUND BRANCH CIRCUITS BE COMBINED INTO A SINGLE RACEWAY. BRANCH CIRCUITS AND FEEDER CIRCUITS FOR DEDICATED EQUIPMENT CONNECTIONS OR LINE-TO-LINE AND POLYPHASE CONNECTIONS SHALL BE IN RACEWAY DEDICATED TO EACH CONNECTION. INSTALLED BRANCH CIRCUIT ROUTING, COMBINING, AND DEVICE-TO-DEVICE CONNECTIONS AS INSTALLED IN THE FIELD SHALL BE DEPICTED ON CONTRACTOR'S AS-BUILT DRAWINGS. AS-BUILT DRAWINGS SHALL BE CONTINUALLY UPDATED AS THE CONSTRUCTION PROGRESSES. GENERAL ELECTRICAL INSTALLATION REQUIREMENTS FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT AND PROVIDE ALL LABOR REQUIRED AND NECESSARY TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND/OR SPECIFIED IN ALL SECTIONS OF DIVISION 26 AND ALL OTHER WORK AND MISCELLANEOUS ITEMS, NOT SPECIFICALLY MENTIONED, BUT REASONABLY INFERRED FOR A COMPLETE INSTALLATION INCLUDING ALL ACCESSORIES AND APPURTENANCES REQUIRED FOR TESTING THE SYSTEM. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS THAT ALL SYSTEMS BE COMPLETE, AND READY FOR OPERATION. ALL SPECIFIED PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH ALL MANUFACTURERS' INSTRUCTIONS AND REQUIREMENTS. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF EQUIPMENT AND WIRING. MOST DIRECT ROUTING OF CONDUITS AND WIRING IS NOT ASSURED. EXACT REQUIREMENTS SHALL BE GOVERNED BY ARCHITECTURAL, STRUCTURAL AND MECHANICAL CONDITIONS OF THE JOB. CONSULT ALL OTHER DRAWINGS IN PREPARATION OF THE BID. EXTRA LENGTHS OF WIRING OR ADDITION OF PULL OR JUNCTION BOXES, ETC., NECESSITATED BY SUCH CONDITIONS SHALL BE INCLUDED IN THE BID. CHECK ALL INFORMATION AND REPORT ANY APPARENT DISCREPANCIES BEFORE SUBMITTING BID. SEQUENCE, COORDINATE AND INTEGRATE THE VARIOUS ELEMENTS OF ELECTRICAL SYSTEMS, MATERIALS AND EQUIPMENT. COORDINATE ELECTRICAL SYSTEMS, EQUIPMENT AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS. INFORM CONTRACTORS OF OTHER TRADES OF THE REQUIRED ACCESS TO AND CLEARANCES AROUND ELECTRICAL EQUIPMENT TO MAINTAIN SERVICEABILITY AND CODE COMPLIANCE. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS. COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES AND SLEEVES TO BE SET IN POURED-IN-PLACE CONCRETE AND OTHER STRUCTURAL COMPONENTS AS THEY ARE CONSTRUCTED. SEQUENCE, COORDINATE AND INTEGRATE INSTALLATIONS OF ELECTRICAL MATERIALS AND EQUIPMENT FOR EFFICIENT FLOW OF THE WORK. GIVE PARTICULAR ATTENTION TO LARGE EQUIPMENT REQUIRING POSITIONING PRIOR TO CLOSING IN THE BUILDING. WHERE MOUNTING HEIGHTS ARE NOT DETAILED OR DIMENSIONED, INSTALL SYSTEMS, MATERIALS AND EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE. PREFERENCE SHOULD BE GIVEN TO ADA GOVERNING REQUIREMENTS FOR ACCESSIBLE AND OPERABLE COMPONENTS. INSTALL SYSTEMS, MATERIALS AND EQUIPMENT TO CONFORM WITH APPROVED SUBMITTAL DATA, INCLUDING COORDINATION DRAWINGS, TO THE GREATEST EXTENT POSSIBLE. CONFORM TO ARRANGEMENTS INDICATED BY THE CONTRACT DOCUMENTS, RECOGNIZING THAT PORTIONS OF THE WORK ARE SHOWN ONLY IN DIAGRAMMATIC FORM. WHERE COORDINATION REQUIREMENTS CONFLICT WITH INDIVIDUAL SYSTEM REQUIREMENT, REFER CONFLICT TO THE ARCHITECT. 10. INSTALL SYSTEMS, MATERIALS AND EQUIPMENT LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS WHERE INSTALLED EXPOSED IN FINISHED SPACES. 11. INSTALL ELECTRICAL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE AND REPAIR OR REPLACEMENT OF EQUIPMENT COMPONENTS AND AS REQUIRED BY CODE. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS. 12. ALL ELECTRICAL ITEMS, EQUIPMENT, ETC. REQUIRING ACCESS AND MAINTENANCE TO BE PROVIDED WITH ACCESS PANELS BY ELECTRICAL
- CONTRACTOR WHEN LOCATED BEHIND HARD INACCESSIBLE FINISHED SURFACES. SEE ARCHITECTURAL CEILING PLANS FOR CEILING AND WALL FINISH TYPES. 13. INSTALL SYSTEMS, MATERIALS, AND EQUIPMENT GIVING RIGHT-OF-WAY PRIORITY TO SYSTEMS REQUIRED TO BE INSTALLED AT A SPECIFIED
- SLOPE. 14. ONLY QUALITY WORKMANSHIP WILL BE ACCEPTED. HAPHAZARD OR POOR INSTALLATION PRACTICE WILL BE CAUSE FOR REJECTION OF WORK. 15. PROVIDE FOREMAN IN CHARGE OF THIS WORK AT ALL TIMES. 16. WHERE THE SPECIFICATIONS CALL FOR AN INSTALLATION TO BE MADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, A COPY OF SUCH RECOMMENDATIONS SHALL AT ALL TIMES BE KEPT IN THE JOB SUPERINTENDENT'S OFFICE AND SHALL BE AVAILABLE TO THE
- OWNER'S REPRESENTATIVE. 17. WHERE AIR PLENUMS ARE ENCOUNTERED, ALL CABLING AND CONDUCTORS NOT IN RACEWAYS SHALL BE RATED, LISTED, AND SUITABLE FOR USE IN PLENUM SPACES.
- 18. THE CONTRACTOR SHALL INSURE THAT ALL WORKMANSHIP, ALL MATERIALS EMPLOYED, ALL REQUIRED EQUIPMENT AND THE MANNER AND METHOD OF INSTALLATION CONFORMS TO ACCEPTED CONSTRUCTION AND ENGINEERING PRACTICES, AND THAT EACH PIECE OF EQUIPMENT IS IN SATISFACTORY WORKING CONDITION TO SATISFACTORILY PERFORM ITS FUNCTIONAL OPERATION.

RAWING LUMINAIRE DASHED LINE = RECESSED SOLID LINE = SURFACE MOUNT NOTE: SEE LTG SYMBOLS LIST ON COVER SHEET FOR MORE INFORMATION

MANUAL CONTROL UNIT FOR ROOM. * DENOTES ALTERNATE ACCEPTABLE LOCATION AT DOORS

Owner/Agent:

Project Information

Energy Code: Project Title: Project Type: 2018 IECC WESTERN IDAHO YOUTH SUPPORT CENTER

Construction	Site:
Names ID	

Alteration

Nampa, ID

Designer/Contractor: Mike Miller

Allowed Interior Lighting Power

Area Category	Floor Area (ft2)		
1-RECREATION AREA (Common Space Types:Classroom/Lecture/Training)	514		
2-THERAPY (Common Space Types:Office - Enclosed)	142		
3-RESTROOMS (Common Space Types:Restrooms)	117		
4-OBSERVATION & REFRESHMENTS (Common Space Types:Conference/Meeting/Multipurpose)	189		
5-HALL (Common Space Types:Corridor/Transition >=8 ft wide)	455		
6-RESTING AREAS (Common Space Types:Guest Room)	581		
7-FIRST RESPONSE (Common Space Types:Office - Enclosed)	72		

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamı Fixtu	os/ #	C of ures
RECREATION AREA (Common Space Types:Classroom/Lecture/Training 514 sc LED 1: GL1: GRID LED: Other: LED 2: GL1X: GRID LED: Other:	1.ft.)		7
THERAPY (Common Space Types:Office - Enclosed 142 sq.ft.) LED 3: GL1: GRID LED: Other: LED 4: GL1X: GRID LED: Other:	1		2
RESTROOMS (Common Space Types:Restrooms 117 sq.ft.) LED 5: RR1X: ROUND RECESSED LED: Other: LED 6: VL1: VANITY LED: Other:	1		1
OBSERVATION & REFRESHMENTS (Common Space Types:Conference/Meetin LED 7: GL2: GRID LED: Other: LED 8: GL2X: GRID LED: Other:	n <mark>g/Multipurp</mark> 1 1	<u>ose 189 s</u>	<u>q.ft.)</u> 5 1
HALL (Common Space Types:Corridor/Transition >=8 ft wide 455 sq.ft.) LED 9: GL2: GRID LED: Other:	1		4
A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixtu Wat

	Fixture	Fixtures	Wat
LED 10: GL2X: GRID LED: Other:	1	2	2
RESTING AREAS (Common Space Types:Guest Room 581 sq.ft.) LED 11: GL2: GRID LED: Other:	1	10	2
FIRST RESPONSE (Common Space Types:Office - Enclosed 72 sq.ft.)	1	1	2

terior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Mille Miller Name - Title

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions		1 High Impact (Tier 1)	2 Medium Impact	(Tier 2) 3 Low Impact (Tier 3)
C405.2.3, C405.2.3. 1, C405.2.3. 2 [EL23] ²	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	Complies Does Not Not Observable Not Applicable		Section # & Req.ID C303.3, C408.2.5. 2	Final Inspection Furnished O&M instructions for systems and equipment to the building owner or designated	Complies?	Comments/Assumptions
C405.2.4 [EL26] ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	Complies Does Not Not Observable		[FI17] ³ C405.4.1 [FI18] ¹	representative. Interior installed lamp and fixture lighting power is consistent with what	Complies Comples	See the Interior Lighting fixture schedule for values.
C405.2.4 [EL27] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and	Complies Does Not Not Observable		[110]-	is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	□Does Not □Not Observable □Not Applicable	
C405.3 [EL6] ¹	separated from general lighting. Exit signs do not exceed 5 watts per face.	Not Applicable Complies Does Not Not Observable Not Applicable		C408.1.1 [FI57] ¹	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating	□Complies □Does Not □Not Observable □Not Applicable	
C405.6 [EL26] ²	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of	□Complies □Does Not □Not Observable			systems are intended to be installed, maintained, and operated.		
C405.7 [EL27] ²	Table C405.6. INot Observable C405.7 Electric motors meet the minimum efficiency requirements of Tables Image: Complex state in the image: Compl		1 [FI16] ³	electric power systems within 90 days of system acceptance.	Does Not Not Observable Not Applicable		
[EL27]*		□Not Observable □Not Applicable		C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	□Complies □Does Not □Not Observable □Not Applicable	
C405.8.2, C405.8.2. 1 [EL28] ²	programs do not exist). Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	□Complies □Does Not □Not Observable □Not Applicable		Addition	al Comments/Assumptions:		
C405.9 [EL29] ²	Total voltage drop across the combination of feeders and branch circuits $\leq 5\%$.	Complies Does Not Not Observable Not Applicable					

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COMcheck Software Version 4.1.5.5 Inspection Checklist

Energy Code: 2018 IECC

for the same area is detected.

L2. Sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2. Not Observable

C405.2.2, Each area not served by occupancy sensors (per C405.2.1) have time-

Requirements: 0.0% were addressed directly in the COM*check* software Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

				-			
				Section # & Req.II	Plan Review	Complies?	Comments/Assumptions
ner/Co e Mille im an 7 Ard ie, ID -345- e@eio	ontractor: er d Associate ene Street 9 83709 7127 dam-assoc.o	es Suite 102 com	2	C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipmen and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	Complies Does Not Not Observable Not Applicable	e
	c		D	Additio	nal Comments/Assumptions:		
	Watts / ft2	2	(B X C)				
	0.96		493	Section			
	0.93		132 99	#	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
	1.07		202	& Req.ID	Spaces required to have light-		
	0.66		200	2	reduction controls have a manual	Does Not	
	0.66		300 447	[EL22] ¹	reduce the connected lighting load in	Not Observable	
	0.93		67		a reasonably uniform illumination		
Tot	al Allowed W	atts =	1742	C405.2.1,	Occupancy sensors installed in	Complies	
				C405.2.1.	classrooms/lecture/training rooms,	Does Not	
3	С	D	E	[EL18]1	rooms, copy/print rooms,	Not Observable	
ips/ ure	# of Fixtures	Fixture Watt.	(C X D)		open plan office areas, restrooms,		
	T IAILITEE				storage rooms, locker rooms, warehouse storage areas, and other		
1	7	23	161		spaces <= 300 sqft that are enclosed		
1	2	23	46		Reference section language		
					C405.2.1.2 for control function in		
1	2	23 23	46 46	C405.2	for open plan office spaces.		
	-			2 2.1.	Occupancy sensors control function in		
1	1	10	10	·-· - ·]1	lighting in aisleways and open areas is	Does Not	
1	1	29	29		controlled with occupant sensors that	Not Applicable	
pose 1	<u>189 sq.ft.)</u> 5	27	135		by 50% or more when the areas are		
1	1	27	27		control lighting in each aisleway		
					independently and do not control		
1	4	27	108		controlled by the sensor.		
				[LLZVP.1.	Occupant sensor control function in	Complies	
				1	sensor controls in open office spaces		
					>= 300 sq.ft. have controls 1) configured so that general lighting can	Not Applicable	
	C D)	E		be controlled separately in control		
# Eiv	#of Fixt	ure (C	C X D)		within the space, 2) automatically turn		
rix	2 Wa	27	54		off general lighting in all control zones within 20 minutes after all occupants		
					have left the space, 3) are configured		
	10	27	270		control zone is reduced by >= 80% of		
					the full zone general lighting power within 20 minutes of all occupants		
Tetel	1 i	23	23		leaving that control zone, and 4) are		
otal	Proposed W	atts =	955		responsive control will activate space		
	1000				general lighting or control zone general lighting only when occupancy		
					generating only ment decoparty		

Signature 26 Chil Jose 3/08/24

Complies

Does Not

COMPLY WITH THIS SECTION.

FUNCTIONAL TESTING: PRIOR TO PASSING FINAL INSPECTION, THE CONTRACTOR THROUGH COMMISSIONING SHALL PROVIDE EVIDENCE THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS. FUNCTIONAL TESTING SHALL BE IN ACCORDANCE WITH THE FOLLOWING FOR THE APPLICABLE CONTROL TYPE.

5

OCCUPANT SENSOR CONTROLS: WHERE OCCUPANT SENSOR CONTROLS ARE PROVIDED, THE FOLLOWING PROCEDURES SHALL BE PERFORMED: 1. CERTIFY THAT THE OCCUPANT SENSOR HAS BEEN LOCATED AND AIMED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. FOR PROJECTS WITH SEVEN OR FEWER OCCUPANT SENSORS, EACH SENSOR SHALL BE TESTED.

2.	PR
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8.

DAY LIGHT RESPONSIVE CONTROLS. WHERE DAYLIGHT RESPONSIVE CONTROLS ARE PROVIDED, THE FOLLOWING SHALL BE VERIFIED: 1. CONTROL DEVICES HAVE BEEN PROPERLY LOCATED, FIELD CALIBRATED AND SET FOR ACCURATE SET POINTS AND THRESHOLD LIGHT LEVELS. 2. DAYLIGHT CONTROLLED LIGHTING LOADS ADJUSTED TO LIGHT LEVEL SET

POINTS IN RESPONSE TO AVAILABLE DAYLIGHT. THE LOCATIONS OF CALIBRATION ADJUSTMENT EQUIPMENT ARE READILY ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL.

DOCUMENTATION REQUIREMENTS:

DOCUMENTS CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET DOCUMENTED PERFORMANCE CRITERIA OF IECC SECTION C405 ARE TO BE PROVIDED TO THE BUILDING OWNER WITHIN 90 DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY.

COMCHECK NOTE:

LIGHTING SYSTEM FUNCTIONAL TESTING: CONTROLS FOR AUTOMATIC LIGHTING SYSTEMS SHALL

3. FOR PROJECTS WITH MORE THAN SEVEN OCCUPANT SENSORS, TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY. WHERE MULTIPLES OF EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY ARE PROVIDED, NOT LESS THAN 10 PERCENT, BUT IN NO CASE LESS THAN ONE, OF EACH COMBINATION SHALL BE TESTED UNLESS THE CODE OFFICIAL OR DESIGN PROFESSIONAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED CONTROLS FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.

> FOR OCCUPANT SENSOR CONTROLS TO BE TESTED, VERIFY THE FOLLOWING:

- WHERE OCCUPANT SENSOR CONTROLS INCLUDES STATUS INDICATORS, VERIFY CORRECT OPERATION.
- THE CONTROLLED LIGHTS TURN OFF OR DOWN TO THE PERMITTED LEVEL WITHIN THE REQUIRED TIME.
- FOR AUTO-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON TO THE PERMITTED LEVEL WHEN AN OCCUPANT ENTERS THE SPACE.
- FOR MANUAL-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS TURN ON ONLY WHEN MANUALLY ACTIVATED.
- THE LIGHTS ARE NOT INCORRECTLY TURNED ON BY MOVEMENT IN ADJACENT AREAS OR BY HVAC OPERATION.

TIME-SWITCH CONTROLS. WHERE TIME-SWITCH CONTROLS ARE PROVIDED, THE FOLLOWING PROCEDURES SHALL BE PERFORMED:

1. CONFIRM THAT THE TIME-SWITCH CONTROL IS PROGRAMMED WITH

- ACCURATE WEEKDAY, WEEKEND, AND HOLIDAY SCHEDULES. PROVIDE DOCUMENTATION TO THE OWNER OF TIME-SWITCH CONTROLS OGRAMMING INCLUDING WEEKDAY, WEEKEND, HOLIDAY SCHEDULES, ND SET-UP AND PREFERENCE PROGRAM SETTINGS.
- ERIFY THE CORRECT TIME AND DATE IN THE TIME SWITCH. ERIFY THAT ANY BATTERY BACK-UP IS INSTALLED AND ENERGIZED. ERIFY THAT THE OVERRIDE TIME LIMIT IS SET TO NOT MORE THAN 2

DURS.

- MULATE OCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING: ALL LIGHTS CAN BE TURNED ON AND OFF BY THEIR RESPECTIVE AREA CONTROL SWITCH.
- THE SWITCH ONLY OPERATES LIGHTING IN THE ENCLOSED SPACE IN WHICH THE SWITCH IS LOCATED. SIMULATE UNOCCUPIED CONDITION. VERIFY AND DOCUMENT THE
 - FOLLOWING:
 - NONEXEMPT LIGHTING TURNS OFF.
 - MANUAL OVERRIDE SWITCH ALLOWS ONLY THE LIGHTS IN THE ENCLOSED SPACE WHERE THE OVERRIDE SWITCH IS LOCATED TO TURN ON OR REMAIN ON UNTIL THE NEXT SCHEDULED SHUTOFF OCCURS.
- ADDITIONAL TESTING AS SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL.

LUMINAIRE QUANTITIES INDICATED WITHIN THIS REPORT ARE NOT TO BE USED BY CONTRACTORS, SUPPLIERS OR ANY OTHER ENTITY FOR ESTIMATING OR TAKEOFF PURPOSES. REFER TO THE LIGHTING PLAN(S) FOR LUMINAIRE TYPES AND QUANTITIES.

HUMMEL

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Project No Drawn By: Checked By: Date: Sheet No:

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	ARCHITECTURAL DEMOLITION GENERAL INSTRUCTIONS
SHEETROCK WALLS (ENTIRE WALL)	REMOVE ALL EXISTING ELECTRICAL APPARATUS ENCOUNTERED IN FRAMED WALLS BEING REMOVED. REMOVE CONNECTIONS BACK TO NEXT REMAINING DEVICE. WHERE UPSTREAM AND DOWNSTREAM CONNECTIONS ARE REQUIRED TO REMAIN ACTIVE, EXTEND ALL CONNECTIONS TO MAINTAIN CIRCUIT OPERATION.
SHEETROCK WALLS (PORTION OF WALL)	REMOVE ALL EXISTING ELECTRICAL APPARATUS ENCOUNTERED IN THE PORTION OF THE WALL BEING REMOVED INCLUDING ENCOUNTERED CONCEALED CONNECTIONS. WHEN CONCEALED ELECTRICAL CONNECTIONS ARE ENCOUNTERED WITHIN THE PORTION OF THE WALL AFFECTED BY DEMOLITION, REROUTE, EXTEND, AND RECONNECT ALL OTHER DEVICES AND CIRCUITS AFFECTED.
SPOT - DEMOLITION IN SHEETROCK WALLS	WHERE ELECTRICAL DEVICES THAT ARE LOCATED WITHIN OR ON WALLS ARE SHOWN TO BE REMOVED, BUT THE WALL IS REMAINING, REMOVE NOTED DEVICE, CONNECTIONS, AND RACEWAYS. EXTEND CONNECTIONS IN CONCEALED AREAS TO UPSTREAM AND DOWNSTREAM DEVICES THAT ARE REQUIRED TO REMAIN OPERATIONAL. PATCH AND REPAIR ARCHITECTURAL SURFACES AFFECTED BY DEMOLITION ACTIVITIES.
MASONRY WALLS (ENTIRE WALL)	REMOVE ALL EXISTING ELECTRICAL APPARATUS, BOXES, AND RACEWAYS ENCOUNTERED IN OR ON MASONRY WALLS BEING REMOVED. REMOVE CONNECTIONS BACK TO NEXT REMAINING DEVICE. WHERE UPSTREAM AND DOWNSTREAM CONNECTIONS ARE REQUIRED TO REMAIN ACTIVE, EXTEND ALL CONNECTIONS TO MAINTAIN CIRCUIT OPERATION. WHERE CONNECTIONS TO REMAINING DEVICES ARE DISCOVERED TO BE ROUTED UNDERGROUND / UNDERSLAB, NOTIFY ARCHITECT OF THE CONDITION FOR DETERMINATION OF ACTION REQUIRED.
MASONRY WALLS (PORTION OF WALL)	REMOVE ALL EXISTING ELECTRICAL APPARATUS, BOXES, AND RACEWAYS ENCOUNTERED IN OR ON THE PORTION OF THE WALL BEING REMOVED INCLUDING ENCOUNTERED CONCEALED CONNECTIONS. REMOVE CONNECTIONS BACK TO NEXT REMAINING DEVICE. WHERE UPSTREAM AND DOWNSTREAM CONNECTIONS ARE REQUIRED TO REMAIN ACTIVE, EXTEND ALL CONNECTIONS TO MAINTAIN CIRCUIT OPERATION. WHERE CONNECTIONS TO REMAINING DEVICES ARE DISCOVERED TO BE ROUTED UNDERGROUND / UNDERSLAB, NOTIFY ARCHITECT OF THE CONDITION FOR DETERMINATION OF ACTION REQUIRED.
SPOT - DEMOLITION IN MASONRY WALLS	WHERE ELECTRICAL DEVICES THAT ARE LOCATED WITHIN OR ON WALLS ARE SHOWN TO BE REMOVED, BUT THE WALL IS REMAINING, REMOVE NOTED DEVICE AND CONNECTIONS AND ABANDON RACEWAY IN-PLACE. INSTALL COVERPLATE OVER ABANDONED OPENING; COVERPLATE FINISH AND TYPE SHALL BE UTILIZED IN COMPLIANCE WITH DIVISION 26 FOR THE TYPE OF AREA THE WORK IS IN. EXTEND CONNECTIONS IN CONCEALED AREAS TO UPSTREAM AND DOWNSTREAM DEVICES THAT ARE REQUIRED TO REMAIN OPERATIONAL. PATCH AND REPAIR ARCHITECTURAL SURFACES AFFECTED BY DEMOLITION ACTIVITIES.
CEILINGS (ENTIRE CEILING)	REMOVE ALL EXISTING ELECTRICAL APPARATUS ENCOUNTERED IN CEILINGS BEING REMOVED. REMOVE CONNECTIONS BACK TO NEXT REMAINING DEVICE. WHERE UPSTREAM AND DOWNSTREAM CONNECTIONS ARE REQUIRED TO REMAIN ACTIVE, EXTEND ALL CONNECTIONS TO MAINTAIN CIRCUIT OPERATION.
CEILINGS (PORTION OF CEILING)	REMOVE ALL EXISTING ELECTRICAL APPARATUS ENCOUNTERED IN THE PORTION OF THE CEILING BEING REMOVED INCLUDING ENCOUNTERED CONCEALED CONNECTIONS. WHEN CONCEALED ELECTRICAL CONNECTIONS ARE ENCOUNTERED WITHIN THE PORTION OF THE CEILING AFFECTED BY DEMOLITION, REROUTE, EXTEND, AND RECONNECT ALL OTHER DEVICES AND CIRCUITS AFFECTED.
SPOT - DEMOLITION IN CEILINGS	WHERE ELECTRICAL DEVICES THAT ARE LOCATED WITHIN OR ON CEILINGS ARE SHOWN TO BE REMOVED, BUT THE CEILING IS REMAINING, REMOVE NOTED DEVICE, CONNECTIONS, AND RACEWAYS. EXTEND CONNECTIONS IN CONCEALED AREAS TO UPSTREAM AND DOWNSTREAM DEVICES THAT ARE REQUIRED TO REMAIN OPERATIONAL. PATCH AND REPAIR ARCHITECTURAL SURFACES AFFECTED BY DEMOLITION ACTIVITIES.

SYMBOL	DESCRIPTION	NOTES						
	UNDERCOUNTER, RECESSED, SUSPENDED LUMINAIRE	1, 2, 4						
Ì	EXIT SIGN	1, 3						
ю	WALL MOUNTED DOME LIGHT	1, 2, 4						
\$ 🖭	SWITCHING DEVICE	1, 2						
Ô	RECESSED LUMINAIRE	1, 2						
н\$,	NURSECALL DEVICE AND EQUIPMENT	1, 3						
CR	CARD READER	1, 3						
KP	KEYPAD	1, 3						
🎒 VB	/B X-RAY VIEWBOX							
🎒 GA	A MEDICAL GAS ALARM							
é H	EXHAUST HOOD	1, 2						
\$	ELECTRICAL EQUIPMENT CONNECTION, GENERAL DESCRIPTION NOTED ON PLAN	1, 2						
	ELECTRICAL EQUIPMENT CONNECTION, GENERAL DESCRIPTION NOTED ON PLAN	1, 2						
前的旧堂	FIRE ALARM DEVICE	1, 3						
(\hat{I})	THERMOSTAT	1, 3						
M	NETWORK OUTLET	1, 2						
ES: REMOVE CIRCUIT LEGALLY DISPOS DELIVER TO OWN	AND CONTROL CONDUCTORS. E OF DEVICE UNLESS OTHERWISE NOTED. ER STOCK PER OWNER DIRECTION. EIC INSTRUCTIONS NOTED ON PLANS	1, 2						

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THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE

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SHEET KEYNOTES

1. ROUTE EXISTING CONDUIT AND CONDUCTORS TO REMAIN AROUND NEW OPENING. 2. (3) DOME LIGHTS AT THIS LOCATION STACKED VERTICALLY.

3. RÉTAIN FOR RE-USE IN NEW PHASE OF WORK.

GENERAL NOTES

- 1. REMOVE ALL EXISTING DEVICES IN AREAS OF DEMOLITION SHOWN UNLESS OTHERWISE NOTED ON OTHER PLANS.
- 2. PROTECT EXISTING DEVICES AND CONNECTIONS TO REMAIN DURING CONSTRUCTION TO THE FURTHEST EXTENT POSSIBLE. WHERE EXISTING DEVICES THAT ARE TO REMAIN ARE DAMAGED BY CONTRACTOR, CONTRACTOR SHALL REPLACE DEVICE AND/OR CONNECTION WITH NEW COMPATIBLE WITH EXISTING SYSTEM(S).
- 3. WHERE EXISTING DEVICES AND CONNECTIONS ARE AFFECTED BY OTHER DEMOLITION WORK, EXTEND CONNECTIONS TO EXISTING TO REMAIN DEVICES AND RECONNECT TO KEEP ACTIVE. EXISTING DEVICES IN AREAS OF NO DEMOLITION MAY BE AFFECTED BY DEMOLITION AND AS SUCH SHALL BE MAINTAINED IN OPERATION DURING AND AFTER CONSTRUCTION COMPLETION.
- 4. ALL UNUSED/ABANDONED CONDUCTORS INSTALLED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS. 5. WHERE ALL DEVICES AND CONNECTIONS ON A CIRCUIT ARE REMOVED, REMOVE
- HOMERUN CONDUCTORS BACK TO RESPECTIVE PANELBOARD. MAKE RESPECTIVE CIRCUIT BREAKER/DISCONNECT SWITCH SPARE AND UPDATE DIRECTORY/LABEL AS NECESSARY. 6. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR DETAILED INSTRUCTIONS
- RESPECTIVE TO WALL, FLOOR, AND CEILING SCOPE OF WORK. 7. EXISTING ELECTRICAL INFRASTRUCTURE INSTALLATIONS TO REMAIN IN USE: ALL EXISTING ELECTRICAL WIRING, APPARATUS, FIXTURES, EQUIPMENT, ETC. IN CLOSE PROXIMITY TO ALTERED OR NEW WORK SHALL BE UPGRADED, MODIFIED, AND BROUGHT TO CURRENT ADOPTED CODE STANDARDS IN ACCORDANCE WITH NEC AND LOCAL ORDINANCES. CLOSE PROXIMITY SHALL BE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.

NORT

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5 SHEET KEYNOTES

- 1. ROUTE TO NEAREST INITIATING DEVICE CIRCUIT WITH SPARE CAPACITY AND CONNECT AS REQUIRED.
- 2. ROUTE TO NEAREST NOTIFICATION APPLIANCE CIRCUIT WITH SPARE CAPACITY AND CONNECT AS REQUIRED.
- 3. EXISTING FIRE ALARM DEVICE TO REMAIN. 4. CUT-INTO EXISTING WALL; PATCH AND REPAIR AS REQUIRED.

GENERAL NOTES

- FIRE ALARM SYSTEM DEVICE CONNECTIONS SHOWN ON THIS PLAN ARE SHOWN FOR BIDDING PURPOSES ONLY. FIRE ALARM CONTRACTOR SHALL PROPERLY DESIGN CIRCUIT LOADS TO BE COMPATIBLE WITH NFPA 72 AND MANUFACTURERS SPECIFICATIONS AND MODIFY CONNECTIONS AS NECESSARY. FIRE ALARM SYSTEM SHOP DRAWINGS AND DESIGN CALCULATIONS SHALL BE THE FINAL WORKING DRAWINGS FROM WHICH THE INSTALLATION IS IMPLEMENTED.
- 2. DO NOT BEGIN FIRE ALARM SYSTEM INSTALLATION UNTIL SUBMITTALS HAVE BEEN APPROVED BY THE ELECTRICAL ENGINEER AND THE BUILDING OFFICIAL. ALL COSTS AND CORRECTIONS OF WORK DUE TO LATE SUBMITTALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 3. ALL OUTLET, PULL, AND JUNCTION BOXES SHALL BE LABELED "FIRE ALARM" AND PAINTED RED.
- 4. REFER TO SPECIFICATION SECTION 260533 "RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS" FOR INSTALLATION REQUIREMENTS FOR CONDUITS AND BOXES.
- 5. CIRCUIT PROTECTIVE DEVICE(S) SERVING FIRE ALARM EQUIPMENT TO BE FURNISHED WITH INTEGRAL LOCK-ON DEVICE(S) AND BE PAINTED RED. EACH SYSTEM EQUIPMENT PANEL SHALL BE SERVED WITH A DEDICATED LINE VOLTAGE CIRCUIT.
- 6. FURNISH AND INSTALL APPROPRIATE QUANTITY OF SYSTEM POWER SUPPLIES, NAC PANELS, AND APPROPRIATE SMOKE DETECTION AND LINE VOLTAGE POWER CONNECTIONS FOR PROPER SYSTEM FUNCTION AND SPARE CAPACITY REQUIRED. LOCATE ADDITIONAL POWER SUPPLY AND NAC PANELS IN LOCATIONS ADJACENT TO OTHER SHOWN FIRE ALARM EQUIPMENT. POWER SUPPLIES AND NAC PANELS MAY BE LOCATED IN OTHER AREAS OF THE BUILDING ONLY WITH THE WRITTEN CONSENT OF THE ELECTRICAL ENGINEER.
- 7. SMOKE DETECTION DEVICES SHALL BE LOCATED AT LEAST THREE (3) FEET FROM SUPPLY AND RETURN AIR DIFFUSERS. 8. ALL VISUAL NOTIFICATION APPLIANCES SHALL BE SYNCHRONIZED.
- 9. EACH DEVICE SHALL BE LABELED WITH DEVICE DESIGNATION. LABEL SHALL HAVE 1/4 INCH HIGH BLACK LETTERS ON WHITE BACKGROUND. DEVICE DESIGNATION SHALL INCLUDE DEVICE ADDRESS OR CIRCUIT IDENTIFIER.
- 10. CONTRACTOR SHALL COORDINATE PLACEMENT OF CEILING MOUNTED DEVICES/APPLIANCES WITH ALL OTHER TRADES. SPACING REQUIREMENTS PER NFPA 72 AND LOCAL AUTHORITY HAVING JURISDICTION SHALL APPLY TO COORDINATION EFFORTS WITH OTHER TRADES.

4	-	-	-

		WA	LL (CON	TRC	DL DEVICE SCHEDULE	
ROOM			BUTI	FONS			SWITCH LABEL
NOOW		1	2	3	4	CONTROL ZONE	SWITCHTEADEL
104	1	0					O/R
104	2	0					RR
447	4	0				OB'S & REFER. (a)	0/R
117	1		0			RESTING & HALL (b)	RR
447	0	0				OB'S & REFER. (a)	0/R
117	2		0			RESTING & HALL (b)	RR
4474	0	0				OB'S & REFER. (a)	0/R
117A	3		0			RESTING & HALL (b)	RR
4474	4	0				OB'S & REFER. (a)	0/R
11/A	4		0			RESTING & HALL (b)	RR
NOTES							

	LUMIN	AIRE INSTALLATION S	CHEDULE
ROOM	LUMINAIRE INSTALLATION	NOMINAL MOUNTING HEIGHT	INST
107	RECESSED	CEILING	
108	RECESSED	CEILING	
116	VARIES	VARIES	
117	RECESSED	CEILING	
117A	RECESSED	CEILING	
118	RECESSED	CEILING	
119	RECESSED	CEILING	
120	RECESSED	CEILING	
121	VARIES	VARIES	
126	RECESSED	CEILING	

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MANUFACTURER SHALL CUSTOM ENGRAVE SWITCH BUTTONS WITH LABELS AS SCHEDULED. SELECT BUTTON QUANTITY PER DEVICE.

3. PROGRAM BUTTON(S) PER LIGHTING CONTROL DEVICE SCHEDULE.

LED UPGRADE:

NOTE:

BASE BID – EXISTING LUMINAIRE AND ASSOCIATED CONTROLS FOR TYPES GLE2, GLE4, RRE1, AND BLE1 ARE TO REMAIN.

ALTERNATE NO. 1 – REPLACE EXISTING LUMINAIRES AND ASSOCIATED CONTROLS FOR TYPES GLE2, GLE4, RRE1 AND BLE1. CONTROL UPGRADES TO INCLUDE 0-10V DIMMING TO 1% AND VACANCY/OCCUPANCY CONTROLS WERE APPLICABLE PER IECC. REFER TO ALTERNATE NO. 1 LUMINAIRE SCHEDULE ON SHEET E3.00.

A3 LEVEL 01 - LIGHTING PLAN E2.01L 1/8" = 1'-0" SHEET KEYNOTES

- 1. ISOLATE LUMINAIRES WITHIN ROOM AND ROUTE RECOVERED LIGHTING CIRCUIT THROUGH NEW LIGHTING CONTROLS; CONNECT AS REQUIRED.
- CONNECT TO UNSWITCHED LEG OF LIGHTING CIRCUIT.
 INTEGRATE LIGHTING CONTROLS WITH EXISTING HALL 105 4-WAY SYSTEM.
- 4. RELOCATE LUMINAIRE TO ADJACENT BAY.
- RELOCATE EXISTING LIGHTING CONTROLS RECOVERED IN DEMOLITION PHASE TO NEW LOCATION ; MAINTAIN EXISTING CONTROL SEQUENCE.
 CONNECT LUMINAIRE TO LIGHTING CIRCUIT RECOVERED IN DEMOLITION PHASE OF
- WORK.
 CUT-INTO EXISTING WALL; PATCH AND REPAIR AS REQUIRED.
- COT-INTO EXISTING WALL, PATCH AND REPAIR AS REQUIRED.
 MAINTAIN OPERATION LIGHTING SYSTEM ON ADJACENT SIDE OF NEW WALL; ISOLATE LIGHTING CONTROLS AS REQUIRED.

GENERAL NOTES

- 1. REFER TO LUMINAIRE SCHEDULE ON SHEET E3.00 FOR LUMINAIRE TYPES AND ADDITIONAL INSTALLATION INSTRUCTIONS ASSOCIATED WITH RESPECTIVE LUMINAIRE TYPES.
- 2. REFER TO LIGHTING CONTROL DEVICE SCHEDULE AND TYPICAL CONTROL SYSTEM SCHEMATICS ON SHEET E3.00 FOR CONTROL DEVICE TYPES, CONTROL SYSTEM CONNECTION REQUIREMENTS, AND GENERAL INSTALLATION INSTRUCTIONS.
- REFER TO LIGHTING SYMBOLS LIST FOR GENERAL DESCRIPTION OF LUMINAIRE SYMBOLS, CONTROL SYMBOLS, AND CONNECTION NOMENCLATURE.
 DEFER TO MECHANICAL SYSTEM CONTROL SCHEMATICS FOR INSTALLATION AND
- 4. REFER TO MECHANICAL SYSTEM CONTROL SCHEMATICS FOR INSTALLATION AND INTERFACE REQUIREMENTS FOR LIGHTING CONTROL DEVICES AND BUILDING MANAGEMENT SYSTEMS, DIRECT DIGITAL CONTROL SYSTEMS, AND OTHER HVAC AND CONTROL INTERFACE REQUIREMENTS.
- ALL LUMINAIRES AND LIGHTING CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. DO NOT PROCEED WITH THE WORK WITHOUT PROPER REVIEW OF ALL MANUFACTURER'S LITERATURE, SHOP DRAWINGS, AND DETAILS.
 ALL LUMINAIRES SHALL BE SUPPORTED FROM STRUCTURE. DO NOT UTILIZE CEILING
- GRIDS AS THE ONLY MEANS OF SUPPORT.
 SEISMIC SUPPORTS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH SEISMIC SPECIFICATIONS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- SCIONING SECURICATIONS AND MAINUFACTURERS INSTALLATION INSTRUCTIONS.
 COORDINATE LUMINAIRE PLACEMENT WITH ARCHITECTURAL REFLECTED CEILING PLANS, MECHANICAL AND PLUMBING PLANS, FIRE-SPRINKLER SYSTEM LAYOUTS, AND STRUCTURAL ASSEMBLIES PRIOR TO INSTALLATION.
- CEILING GRID ORIENTATION AND FRAMING FOR HARD-LID ASSEMBLY CEILINGS SHALL BE VERIFIED PRIOR TO LUMINAIRE INSTALLATION.
 RECESSED LUMINAIRES SHALL BE INSTALLED FLUSH WITH FINISHED SURFACES. DO
- NOT CUT OPENINGS LARGER THAN LUMINAIRE TRIMS.
 11. SUSPENDED LUMINAIRES SHALL BE INSTALLED PARALLEL WITH THE FLOOR UNLESS OTHERWISE NOTED, AND SHALL BE PLUMB WITH BUILDING LINES AND STRUCTURE.
- EXIT SIGNS SHALL BE LOCATED TO PROVIDE CLEAR VISIBLE IDENTIFICATION OF EXIT DOORS AND EGRESS PATHWAYS. EXIT SIGNS SHALL NOT BE OBSTRUCTED FROM VIEW. FIELD-MODIFY EXIT SIGNS TO ALLOW FOR DIRECTIONAL INDICATIONS AS DIRECTED.
- 13. LOCATE WALL MOUNTED LIGHTING CONTROL DEVICES NOT MORE THAN 12-INCHES FROM THE TRIM OF THE DOOR ON THE LATCH SIDE, OR NOT MORE THAN 12-INCHES FROM THE DOOR SIDE LIGHT (WHERE APPLICABLE), OR NOT MORE THAN 12-INCHES FROM OPEN POSITION OF THE DOOR WHERE INSTALLED ON OPPOSING WALL FROM THE DOOR LATCH. DO NOT INSTALL WALL MOUNTED LIGHTING CONTROL DEVICES BEHIND DOORS IN THE OPEN POSITION.
- 14. LOCATE ALL LIGHTING AND CONTROL SYSTEM POWER SUPPLIES, REMOTE DRIVERS, OR INTERFACE EQUIPMENT IN ACCESSIBLE LOCATIONS. DO NOT EXCEED MANUFACTURER'S PUBLISHED DISTANCE LIMITATIONS BETWEEN SUCH DEVICES AND LUMINAIRES OR CONTROLS.
- 15. MULTI-WIRE BRANCH CIRCUITS SHALL NOT BE UTILIZED FOR LINE-TO-NEUTRAL LOADS. ALL LIGHTING BRANCH CIRCUITS SHALL BE EQUIPPED WITH DEDICATED NEUTRAL CONDUCTORS.
- 16. EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED WITH ALL BRANCH LIGHTING CIRCUITS. RACEWAYS SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- ALL LUMINAIRES EQUIPPED WITH DIMMING DRIVERS OR POWER SUPPLIES SHALL BE EQUIPPED WITH DIMMING CONTROL CONDUCTORS THROUGHOUT THE ENTIRE CIRCUIT WHERE DIMMING FUNCTIONS ARE NOT SCHEDULED TO BE UTILIZED, ALL DIMMING CONTROL CONDUCTORS SHALL BE CAPPED WITH LISTED TERMINATIONS AT THE LUMINAIRE. IDENTIFY ALL DIMMING CONTROL CONDUCTORS UNIQUELY AND INDEPENDENTLY FROM POWER SYSTEM CONDUCTORS AT EACH LUMINAIRE CONNECTION.
 UNCONTROL ED LUMINAIRES, EXIT SIGNS, AND UNITARY EMERGENCY LIGHTING UNITS.
- 18. UNCONTROLLED LUMINAIRES, EXIT SIGNS, AND UNITARY EMERGENCY LIGHTING UNITS SHALL BE CONNECTED TO THE UNCONTROLLED LEG OF LIGHTING CIRCUIT. DO NOT ROUTE CONTROLLED CONNECTIONS THROUGH THESE DEVICES.
- 19. LOW-VOLTAGE LIGHTING CONTROL CONNECTIONS, REGARDLESS OF WIRING CLASSIFICATION SYSTEM, SHALL BE INSTALLED IN RACEWAYS IN WALL CAVITIES AND IN AREAS WHERE WIRING CANNOT BE CONCEALED WITH CEILING SYSTEMS. LOW-VOLTAGE CONTROL CABLING MAY BE SUPPORTED FROM STRUCTURE IN ACCESSIBLE CONCEALED CEILING CAVITIES; UTILIZE J-HOOKS, D-RINGS, OR CABLE TRAYS FOR CABLING SUPPORT IN THESE AREAS. CABLING IS NOT PERMITTED TO BE ROUTED WITHOUT SUPPORT WITHIN CEILING CAVITIES.
- 20. ALL PROGRAMMABLE LIGHTING CONTROL DEVICES SHALL BE FIELD-ADJUSTED AFTER COMPLETION OF INSTALLATION. SET TIME-DELAYS, SENSITIVITY, COVERAGE PATTERNS, AND OTHER ADJUSTABLE SETTINGS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, AND THE DIRECTION OF THE ELECTRICAL ENGINEER. WHERE THIRD-PARTY COMMISSIONING IS REQUIRED, COMPLY WITH THE REQUIREMENTS SET FORTH BY THE COMMISSIONING AGENCY.
- 21. COORDINATE WITH THE PROJECT PAINTING CONTRACTOR TO PAINT ALL VISIBLE OVERHEAD STRUCTURES TO MATCH THE PROJECT PAINTING REQUIREMENTS. DO NOT FIELD PAINT LUMINAIRE HOUSINGS OR SENSORS.

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MENT C	ONNECTION S	CHEDULE	
CIRCUIT #	CONDUCTORS	CONDUIT	NOTES
22,24	3-10 & 1-10(G)	3/4"	1
22,24		3/4"	2, 3

🛨 C-25

€ **€** (6)

QUIET ROOM

QUIET ROOM

(TYP.)

TR

C-25 🗲

RESTING

HALL

-⊕ C-25

RESTING AREA

SHEET KEYNOTES

- 1. FURNISH BENEATH COUNTER FLUSH WITH BACK OF MILLWORK. 2. SAW-CUT FLOOR TO NEAREST WALL FOR FLOORBOX AND CONDUIT PATHWAY; PATCH
- AND REPAIR AS REQUIRED. 3. ROUTE 3/4" RACEWAY FROM THERMOSTAT BOX TO ABOVE NEAREST ACCESSIBLE CEILING.
- 4. CONNECT TO NEAREST CONVENIENCE OUTLET CIRCUIT WITH SPARE CAPACITY. 5. CUT-INTO EXISTING WALL; PATCH AND REPAIR AS REQUIRED.
- 6. REPLACE EXISTING RECEPTACLE DEVICES WITH TAMPER RESISTANT TYPE. 7. FURNISH AND INSTALL DOOR BELL PUSH BUTTON, CHIME, AND ASSOCIATED WIRING;
- CONNECT CHIME TRANSFORMER TO NEAREST CONVENIENCE OUTLET WITH SPARE CAPACITY.

GENERAL NOTES

- 1. RECEPTACLE LOCATIONS SHALL BE COORDINATED WITH MILLWORK, WALL FINISHES, WINDOW HEIGHTS, AND OTHER WALL MOUNTED EQUIPMENT PRIOR TO ROUGH-IN. NOTIFY ARCHITECT OF CONFLICTS PRIOR TO PROCEEDING WITH WORK.
- 2. MULTI-WIRE BRANCH CIRCUITS SHALL NOT BE UTILIZED FOR LINE TO NEUTRAL LOADS. DEDICATED NEUTRAL CONDUCTORS SHALL BE PROVIDED FOR ALL CIRCUITS.
- 3. ALL JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36 INCHES ABOVE CEILING LEVEL. 4. REFER TO ARCHITECTURAL CODE PLANS FOR LOCATIONS OF FIRE-RATED ASSEMBLIES.
- 5. PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE PERFORMED IN ACCORDANCE WITH UL REQUIREMENTS AND DIVISION 7 SPECIFICATIONS.
- 6. FURNISH AND INSTALL ALL ELECTRICAL CONNECTIONS TO MOTORIZED DOOR OPERATORS AND ELECTRIFIED DOOR HARDWARE AS DIRECTED BY DOOR HARDWARE INSTALLER. COORDINATE LOCATION OF CONTROLLER, POWER SUPPLY, SAFETY SENSORS, AND ALL INTERCONNECTIONS WITH DOOR HARDWARE SUPPLIER PRIOR TO COMMENCING WORK. REFER TO 'S' ELECTRICAL SHEETS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
- 7. REVIEW AND COORDINATE ALL EQUIPMENT CONNECTIONS WITH SUBMITTALS, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS FOR ALL ELECTRICALLY OPERATED EQUIPMENT SUPPLIED BY OTHER DIVISIONS OF WORK PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES IN ELECTRICAL CONNECTIONS BASED UPON REVIEW.

SHEET KEYNOTES

- ROUTE CONDUIT FROM DATA BOX TO ABOVE ACCESSIBLE CEILING. 2. ROUTE DATA / AV CONDUITS THROUGH SAW-CUT TO NEAREST WALL.
- 3. LOCATION OF EXISTING SHARED TELE/COM RACKS. 4. EXISTING DEVICE AND CABLE TO REMAIN.
- 5. CUT-INTO EXISTING WALL; PATCH AND REPAIR AS REQUIRED.

GENERAL NOTES

- 1. ALL JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36 INCHES ABOVE CEILING LEVEL. 2. REFER TO ARCHITECTURAL CODE PLANS FOR LOCATIONS OF FIRE-RATED ASSEMBLIES.
- 3. PENETRATIONS OF FIRE-RATED ASSEMBLIES SHALL BE PERFORMED IN ACCORDANCE WITH UL REQUIREMENTS AND DIVISION 7 SPECIFICATIONS.
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- 5. FURNISH AND INSTALL ALL ELECTRICAL CONNECTIONS TO MOTORIZED DOOR OPERATORS AND ELECTRIFIED DOOR HARDWARE AS DIRECTED BY DOOR HARDWARE INSTALLER. COORDINATE LOCATION OF CONTROLLER, POWER SUPPLY, SAFETY SENSORS, AND ALL INTERCONNECTIONS WITH DOOR HARDWARE SUPPLIER PRIOR TO COMMENCING WORK. REFER TO ALL OTHER ELECTRICAL SHEETS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
- 6. LOCATE TELECOMMUNICATIONS OUTLETS WITHIN 6 INCHES OF NEAREST RECEPTACLE. COORDINATE LOCATION WITH POWER PLANS PRIOR TO ROUGH-IN. 7. LOCATE TELEVISION OUTLETS WITHIN 6 INCHES OF NEAREST TELEVISION RECEPTACLE.
- COORDINATE LOCATION WITH POWER PLANS PRIOR TO ROUGH-IN. 8. MINIMUM CONDUIT SIZE FOR TELECOMMUNICATIONS CIRCUITS: 1 INCH. 9. ALL TELECOMMUNICATIONS CONDUITS TERMINATED IN OPEN AIR/ABOVE CEILINGS
- SHALL BE FURNISHED WITH INSULATED THROAT BUSHINGS.

NOTE: REFER TO ARCHITECTURAL DEMOLITION GENERAL INSTRUCTIONS AND

THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN VERIFICATION OF EXISTING CONDITIONS PRIOR TO BID.

GENERAL NOTES

- 1. REMOVE ALL EXISTING DEVICES IN AREAS OF DEMOLITION SHOWN UNLESS OTHERWISE NOTED ON OTHER PLANS.
- 2. PROTECT EXISTING DEVICES AND CONNECTIONS TO REMAIN DURING CONSTRUCTION TO THE FURTHEST EXTENT POSSIBLE. WHERE EXISTING DEVICES THAT ARE TO REMAIN ARE DAMAGED BY CONTRACTOR, CONTRACTOR SHALL REPLACE DEVICE AND/OR CONNECTION WITH NEW COMPATIBLE WITH EXISTING SYSTEM(S).
- 3. WHERE EXISTING DEVICES AND CONNECTIONS ARE AFFECTED BY OTHER DEMOLITION WORK, EXTEND CONNECTIONS TO EXISTING TO REMAIN DEVICES AND RECONNECT TO KEEP ACTIVE. EXISTING DEVICES IN AREAS OF NO DEMOLITION MAY BE AFFECTED BY DEMOLITION AND AS SUCH SHALL BE MAINTAINED IN OPERATION DURING AND AFTER CONSTRUCTION COMPLETION.
- 4. ALL UNUSED/ABANDONED CONDUCTORS INSTALLED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS.
- 5. WHERE ALL DEVICES AND CONNECTIONS ON A CIRCUIT ARE REMOVED, REMOVE HOMERUN CONDUCTORS BACK TO RESPECTIVE PANELBOARD. MAKE RESPECTIVE CIRCUIT BREAKER/DISCONNECT SWITCH SPARE AND UPDATE DIRECTORY/LABEL AS NECESSARY.
- 6. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR DETAILED INSTRUCTIONS RESPECTIVE TO WALL, FLOOR, AND CEILING SCOPE OF WORK.
- 7. EXISTING ELECTRICAL INFRASTRUCTURE INSTALLATIONS TO REMAIN IN USE: ALL EXISTING ELECTRICAL WIRING, APPARATUS, FIXTURES, EQUIPMENT, ETC. IN CLOSE PROXIMITY TO ALTERED OR NEW WORK SHALL BE UPGRADED, MODIFIED, AND BROUGHT TO CURRENT ADOPTED CODE STANDARDS IN ACCORDANCE WITH NEC AND LOCAL ORDINANCES. CLOSE PROXIMITY SHALL BE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.

LIGHTING CONTROL SYMBOL DESCRIPTION CS CEILING MOUNTED SENSOR DEVICE DS DAYLIGHT SENSOR DEVICE; CEILING MOUNTED UOI PC PHOTOCELL SENSOR PP LIGHTING CONTROL POWER PACK / POWER SUPPL' WC 1 WALL-MOUNTED CONTROL STATION; TAG IDENTIFIE WS WALL-MOUNTED SENSOR DEVICE —CB LIGHTING NETWORK CONTROL BUS CONNECTION —DIM LIGHTING SYSTEM DIMMING CONNECTION —LV LIGHTING SYSTEM LINE-VOLTAGE CONNECTION	LIGHTING CONTROL D DESCRIPTION CEILING MOUNTED SENSOR DEVICE DAYLIGHT SENSOR DEVICE; CEILING MOUNTED UON PHOTOCELL SENSOR LIGHTING CONTROL POWER PACK / POWER SUPPLY WALL-MOUNTED CONTROL STATION; TAG IDENTIFIES DE WALL-MOUNTED SENSOR DEVICE LIGHTING NETWORK CONTROL BUS CONNECTION LIGHTING SYSTEM DIMMING CONNECTION		
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CB- LIGHTING NETWORK CONTROL BUS CONNECTION LIGHTING SYSTEM DIMMING CONNECTION LIGHTING SYSTEM LINE-VOLTAGE CONNECTION	LIGHTING NETWORK CONTROL BUS CONNECTION LIGHTING SYSTEM DIMMING CONNECTION LIGHTING SYSTEM LINE-VOLTAGE CONNECTION	L-MOUNTED SENSOR DEVICE	WS
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LIGHTING CONTROL WIRING DIAGRAM NOT TO SCALE

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DEVICE SYMBOLS EVICE ID

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SYSTEM / ROOM / AREA	MA	R I	B	ŏ	Ξ	DIG	WA	Ш	LAF	SM/	ğ	M	AU	2 - F	ZO	S	F	BRI	REL	WIF	SEC	NOTES
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108	0					0		0		0		0									B1	
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126	0					0	0			0		0									B1	

MANUAL ON, MANUAL OFF. А

- MANUAL ON, AUTO OFF. В MANUAL ON, MANUAL DIMMING, AUTO OFF. B1
- С AUTO ON, AUTO OFF.
- C1 AUTO ON, MANUAL DIMMING, AUTO OFF.
- SENSOR ENABLED AUTO ON / OFF, 50% OUTPUT, ON BUSINESS DAYS BETWEEN 10:00 PM AND 7:00 AM AND ON NON-BUSINESS DAYS AND HOLIDAYS (24 HOURS). SENSOR DISABLED, MANUAL CONTROL, 100% OUTPUT WITH AUTOMATIC AND MANUAL DIMMING AVAILABLE ON BUSINESS DAYS BETWEEN D 7:00 AM AND 10:00 PM.
- NIGHTTIME OPERATION: AUTO ON (100%) 60 MINUTES BEFORE SUNSET, AUTO OFF (0%) 30 MINUTES AFTER SUNRISE. DAYTIME OPERATION: AUTO ON E (50%) UPON LOW LEVEL TRIGGER FROM PHOTOCELL AFTER 2-MINUTE DELAY. AUTÒ OFF (0%) UPON CLEAR FROM PHOTOCELL AFTER 2-MINUTE DELAY.
- NIGHTTIME OPERATION: AUTO ON (100%) 60 MINUTES BEFORE SUNSET, AUTO OFF (0%) 30 MINUTES AFTER SUNRISE. DAYTIME OPERATION: AUTO ON E1 (100%) UPON LOW LEVEL TRIGGER FROM PHOTOCELL AFTER 2-MINUTE DELAY. AUTO OFF (0%) UPON CLEAR FROM PHOTOCELL AFTER 2-MINUTE DELAY.
- NIGHTTIME OPERATION: AUTO ON (100%) 60 MINUTES BEFORE SUNSET, AUTO DIM (50%) AT 11:00PM, AUTO DIM (100%) 120 MINUTES BEFORE SUNRISE, AUTO OFF (0%) 30 MINUTES AFTER SUNRISE. DAYTIME OPERATION: AUTO ON (50%) UPON LOW LEVEL TRIGGER FROM PHOTOCELL AFTER 2-MINUTE DELAY. AUTO OFF (0%) UPON CLEAR FROM PHOTOCELL AFTER 2-MINUTE DELAY. E2

NOTES: 1. ...

LIGHTING CONTROL SYSTEM GENERAL NOTES

- 1. SELECT CONTROL COMPONENTS FOR FUNCTIONS, OPERATIONS, AND PROGRAMMING REQUIREMENTS SUMMARIZED ON LIGHTING CONTROL SCHEDULE(S). ALL CONTROL COMPONENTS SHALL BE COMPATIBLE WITH AND CERTIFIED FOR USE ON LIGHTING CONTROL SYSTEM.
- 2. CEILING MOUNTED SENSORS, INCLUDING DAYLIGHT SENSORS, SHALL BE POSITIONED WITHIN EACH SPACE IN COORDINATION WITH ALL OTHER ROOM COMPONENTS INCLUDING LUMINAIRES, HVAC REGISTERS, ETC. CONSULT ARCHITECTURAL AND MECHANICAL PLANS FOR INFORMATION ON OTHER SYSTEMS. POSITION SENSORS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR OPTIMIZING SENSOR PERFORMANCE.
- 3. POWER PACKS/POWER SUPPLY COMPONENTS SHALL BE UTILIZED FOR AND SHALL ACT AS THE INTERFACE BETWEEN THE LUMINAIRE(S), THIRD PARTY DEVICES, AND CONTROLS. SELECT POWER PACK FOR THE LOAD SERVED AND THE OPERATIONAL CONSIDERATIONS OF THE ROOM/AREA. POWER PACK EQUIPMENT SHALL BE INSTALLED IN CONCEALED, ACCESSIBLE LOCATIONS AND SHALL BE LOCATED IN GENERAL PROXIMITY TO THE LOAD SERVED. WHERE INACCESSIBLE CEILING SPACES
- ARE ENCOUNTERED, LOCATE POWER PACKS AS CLOSE AS POSSIBLE TO THE LOAD. 4. DIMMING CONTROL CONNECTIONS SHALL BE IMPLEMENTED BETWEEN ALL GROUPED LUMINAIRES, EITHER BY ZONE OR BY ROOM, REGARDLESS OF CONTROL SEQUENCES. DIMMING CONTROLS PER ROOM/AREA/ZONE SHALL BE EXTENDED TO THE SCHEDULED LIGHTING CONTROL INTERFACE.

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TYPE	DESCRIPTION	MOUNTING	LAMPS	WATTS / LUMINAIRE	VOLTAGE	EMERGENCY	MANUFACTURER	CATALOG NUMBER	ALTERNATE MANUFACTURERS	NOTES		
EX1	EXIT LIGHT, WHITE THERMOPLASTIC HOUSING, LED, GREEN LETTERING, UNIVERSAL MOUNT, SELF DIAGNOSTIC NI-CAD BATTERY	AS INDICATED ON PLANS	LED INCLUDED	3 VA	MVOLT	NICKEL CADMIUM	LITHONIA	LQM-S-W-3-G-120/277-ELN-M6	LIGHTGUARD, SURE-LITES	1		
GL1	GRID MOUNT LED, 2X4, VOLUMETRIC DISTRIBUTION, ACRYLIC LINEAR PRISMATIC DIFFUSER	CEILING RECESSED	LED 3000 LM 3500K	23 VA	MVOLT	N/A	LITHONIA	2BLT4-30L-ADP-GZ10-LP835	COOPER, WILLIAMS			
GL1X	GRID MOUNT LED, 2X4, VOLUMETRIC DISTRIBUTION, ACRYLIC LINEAR PRISMATIC DIFFUSER, WITH EMERGENCY DRIVER	CEILING RECESSED	LED 3000 LM 3500K	23 VA	MVOLT	BATTERY DRIVER	LITHONIA	2BLT4-30L-ADP-GZ10-LP835-EL14	COOPER, WILLIAMS	2		
GL2	GL2 GRID MOUNT LED, 2X2, VOLUMETRIC DISTRIBUTION, ACRYLIC LINEAR CEILING RECESSED 2500K 27 VA MVOLT N/A LITHONIA 2BLT2-33L-ADP-GZ10-LP835 COOPER, WILLIAMS											
GL2X	GRID MOUNT LED, 2X2, VOLUMETRIC DISTRIBUTION, ACRYLIC LINEAR PRISMATIC DIFFUSER, WITH EMERGENCY DRIVER	CEILING RECESSED	LED 3300 LM 3500K	27 VA	MVOLT	BATTERY DRIVER	LITHONIA	2BLT2-33L-ADP-GZ10-LP835-EL14	COOPER, WILLIAMS	2		
RR1	ROUND RECESSED LED, 6", CLEAR ALZAK REFLECTOR, MEDIUM DISTRIBUTION, DIMMING	CEILING RECESSED	LED 1000 LM 3500K	10 VA	MVOLT	N/A	GOTHAM	EVO-35/10-6AR-MD-LSS-120-GZ10	JUNO, PORTFOLIO			
RR1X	ROUND RECESSED LED, 6", CLEAR ALZAK REFLECTOR, MEDIUM DISTRIBUTION, DIMMING WITH EMERGENCY DRIVER	CEILING RECESSED	LED 1000 LM 3500K	10 VA	MVOLT	BATTERY DRIVER	GOTHAM	EVO-35/10-6AR-MD-LSS-120-GZ10-EL	JUNO, PORTFOLIO	2		
RR2	ROUND RECESSED LED, 6", SHOWER TRIM, FLUSH LENSED TRIM WITH ANTOMICROBIAL FINISH, 0-10V DIMMING	CEILING RECESSED	LED 1000 LM 3500K	10 VA	MVOLT	BATTERY DRIVER	GOTHAM	EVOSH-35/10-DFFAMF-SMO-MVOLT-EZ1	JUNO, PORTFOLIO			
VL1	VL1 VANITY LIGHT LED, 32"L X 8.5" W X 1.75"D, ISLAND BREEZE SHADE WALL +6" ABOVE ABOVE 3500K 29 VA MVOLT N/A ALVA SLIM-32-R-IB-ESN-3500-AM OR PRE-BID APPROVED EQUAL											
LUMIN	LUMINAIRE SCHEDULE NOTES											
1. 2.	 CONNECT TO UNSWITCHED LEG OF CIRCUIT. CONNECT EMERGENCY DRIVER TO UNSWITCHED LEG OF CIRCUIT. 											

Д	LTER		10.1	LUN	IINAIR	E SCHE	DULE		
DESCRIPTION	MOUNTING	LAMPS	WATTS / LUMINAIRE	VOLTAGE	EMERGENCY	MANUFACTURER	CATALOG NUMBER	ALTERNATE MANUFACTURERS	NOTES
RE LED, 8', FROSTED DIFFUSER, CHAIN HANGERS, WITH WIREGUARD	AS INDICATED ON PLANS	LED 6000 LM 3500K	38 VA	277	BATTERY DRIVER	LITHONIA	CLX-L96-6000LM-SEF-FDL-MVOLT-GZ10-35K-80CRI-WH-H36	COOPER, WILLIAMS	
D MOUNT LED, 2X2, VOLUMETRIC DISTRIBUTION, ACRYLIC LINEAR SMATIC DIFFUSER	CEILING RECESSED	LED 3300 LM 3500K	27 VA	MVOLT	N/A	LITHONIA	EVO-35/10-6AR-MD-LSS-120-GZ10	JUNO, PORTFOLIO	
D MOUNT LED, 2X4, VOLUMETRIC DISTRIBUTION, ACRYLIC LINEAR SMATIC DIFFUSER	CEILING RECESSED	LED 3000 LM 3500K	23 VA	MVOLT	N/A	LITHONIA	2BLT4-30L-ADP-GZ10-LP835	COOPER, WILLIAMS	
JND RECESSED LED, 6", CLEAR ALZAK REFLECTOR, MEDIUM TRIBUTION, DIMMING	CEILING RECESSED	LED 1000 LM 3500K	10 VA	MVOLT	BATTERY DRIVER	GOTHAM	EVO-35/10-6AR-MD-LSS-120-GZ10	JUNO, PORTFOLIO	

Notes: 1. CIRCUIT R 2. REPLACE E 3. FURNISH N

	Branch Panel: (E) Location: UTILIT Supply From: DB1 Mounting: Flush Enclosure: Type 1	C Y 122					Volts: Phases: Wires:	120/208 3 4 FXISTIN	Nye				A.I M Ma Surge J	.C. Rating: 10,000 lains Type: MLO ins Rating: 225 A CB Rating: N/A Protection: N/A				
							ber rype.	LAIOTIN	<u> </u>				ourger					
tes CK	T Circuit Description	Trip	Poles	Load	4	1	E	3	C	,	Load	Poles	Trip	Circuit I	Description		CKT	Notes
1	EXISTING	20 A	1		0	0	0	0				1	20 A				2	
5	EXISTING	20 A	1				0	0	0	0		1	20 A				4	
7	EXISTING	20 A	1		0	0			0	0		1	20 A 20 A				8	
9	FXISTING	20 A	1		0	0	0	0				1	20 A			EXISTING	10	
11	EXISTING	20 A	1				0	0	0	0		1	20 A			FXISTING	12	
13	EXISTING	20 A	1		0	0			, , , , , , , , , , , , , , , , , , ,			1	20 A			EXISTING	14	
15	SPARE	20 A	1		-	-	0	0				1	20 A			EXISTING	16	
1 17	117 ACV C.O.	20 A	1	CO					360	0		1	20 A			EXISTING	18	
1 19	117 ACV C.O.	20 A	1	CO	180	0						1	20 A			EXISTING	20	
, 2 21	117 RF	20 A	1	CEQ			800	360			CO	1	20 A			EXISTING	22	
23	EXISTING	20 A	1						0	250	CEQ	1	20 A	ACCI	ESS CONTRO	DL PANEL	24	1
1 25	117A, 117 - 120	20 A	1	CO	1440	0						1	20 A			EXISTING	26	
1 27	117 OBSERV. DESK	20 A	1	CO			360	0	4000			1	20 A			EXISTING	28	
1 29	130 MW	20 A	1	EQ	E 40	0			1200	0		1	20 A				30	
1 31 1 22		20 A	1		540	0	E40	0				1	20 A				32	
1 33 2 35	130 AUV U.U. 130 DW	20 A	1				540	0	1200	0		1	20 A				34	
, Z 30 1 37	131 ER 1'S	20 A	1		720	0			1200	0		1	20 A				38	
1 30	WASHER	20 A	1	CEO	120	0	1200	0				1	20 A 20 A			SPARE	40	
3 41	DRYER	30 A	2				1200	0	2250	0		1	20 A			SPARE	42	
43					2250	0			LLOU	0		1	20 A			EXISTING	44	
.2 45	130 RF	20 A	1	CEQ		-	800	0				1	20 A			EXISTING	46	
47	EXISTING	20 A	1						0	0		1	20 A			EXISTING	48	
49	EXISTING	20 A	1		0	0						1	20 A			EXISTING	50	
51	EXISTING	20 A	1				0	0				1	20 A			EXISTING	52	
53	EXISTING	20 A	1						0	0		1	20 A			EXISTING	54	
55	EXISTING	20 A	1		0	0						1	20 A			EXISTING	56	
57	EXISTING	20 A	1				0	0				1	20 A			EXISTING	58	
59	EXISTING	20 A	1						0	0		1	20 A			EXISTING	60	
			Tota	I Load:	5130) VA	4060) VA	5260	VA								
			Total	Amps:	44	A	34	A	45	A								
ad Clas	sification		Со	nnected	Load	De	mand Fac	tor	Estima	ted Dema	and			Panel	Totals			
uipment				1200 V	A		100.00%		1	200 VA								
uipment	- Continuous			8750 V	A		125.00%		1()938 VA				Total Conn. Load:	14450 VA			
ceptacle				4500 V	A		100.00%		4	500 VA				Total Est. Demand:	16638 VA			
														Total Conn.:	40 A			
														Total Est. Demand:	46 A			
						+												

	HUMMEL ARCHITECTS
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Bid Set	Sheet: ONE LINE DIAGRAM
	Revisions: Revisions:
Epoposition (Consulting) Engineers 8727 W. Ardene St. T: 208/345/7127 Suite 102 info@eidam-assoc.com Boise, Idaho 83709 www.eidam-assoc.com	Project No: 23026 Drawn By: MKC/CRH Checked By: JMM Date: 03/05/2024
	Sheet No: E5.00