



14582 172nd Dr SE Suite #1
 Monroe, WA 98272
 Telephone: 360 863-9617
www.milneelectric.com

METHOD OF PROCEDURE (MOP) - COVER SHEET

Emergency Number:

MOP Number:	Project Name:
Original Issue Date:	Project Number:
Revision Date:	Project Address:
Proposed Date of Work:	Field Supervisor:
Approved SNAP (Boeing) #	Superintendent:
Foreman:	Phone Number:

MOP Description:

Project Start Date/Time:	Project End Date/Time:
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Washington Administration Code (WAC 296-24-960) Through 985), The National Electrical Code (NEC), and the National Fire Protection Association (NFPA 70E) all apply to the vital aspects of electrical safety-related work practices.

Building Contacts:		Emergency Notification List:	
Name/Title:	Phone Number:	Name/Title:	Phone Number:

MOP Supervision & Approval:			
Employee Name:	Title:	Phone Number:	Signatures:

Crew Approval:			
Employee Name Print:	Employee Signature:	Employee Name Print:	Employee Signature:

Notes:



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MOP WORKPLAN:						
ITEM	RESPONSIBLE PARTY	DESCRIPTION ^s = STANDARD PROCEDURE	INITIALS	PLAN	STOP PROCEDURES	NOTES
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

HSAMCC

FAILED CAT6 CABLES

RMS 333 & 340

Milne Electric

Room	Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
340	IDF2-2-04-32	FAIL	TIA Cat 6 Perm. Link	324 ft	6.2 dB (NEXT)	08/17/2023 12:02 PM
	IDF2-2-04-33	FAIL	TIA Cat 6 Perm. Link	329 ft	7.0 dB (NEXT)	08/17/2023 12:07 PM
	IDF2-2-04-34	FAIL	TIA Cat 6 Perm. Link	329 ft	7.7 dB (NEXT)	08/17/2023 12:29 PM
	IDF2-2-04-35	FAIL	TIA Cat 6 Perm. Link	329 ft	8.0 dB (NEXT)	08/17/2023 12:21 PM
	IDF2-2-04-36	FAIL	TIA Cat 6 Perm. Link	329 ft	6.8 dB (NEXT)	08/17/2023 12:22 PM
	IDF2-2-04-37	FAIL	TIA Cat 6 Perm. Link	313 ft	3.7 dB (NEXT)	08/17/2023 12:32 PM
	IDF2-2-04-38	FAIL	TIA Cat 6 Perm. Link	314 ft	3.6 dB (NEXT)	08/17/2023 12:33 PM
	IDF2-2-04-39	FAIL	TIA Cat 6 Perm. Link	313 ft	6.3 dB (NEXT)	08/17/2023 12:34 PM
	IDF2-2-04-40	FAIL	TIA Cat 6 Perm. Link	313 ft	5.8 dB (NEXT)	08/17/2023 12:35 PM
	IDF2-2-04-45	FAIL	TIA Cat 6 Perm. Link	319 ft	-0.8 dB (NEXT)	10/17/2023 10:13 AM
	IDF2-2-04-46	FAIL	TIA Cat 6 Perm. Link	319 ft	0.4 dB (NEXT)	10/17/2023 10:17 AM
	IDF2-2-04-47	FAIL	TIA Cat 6 Perm. Link	319 ft	-3.8 dB (NEXT)	10/17/2023 10:18 AM
	IDF2-2-04-48	FAIL	TIA Cat 6 Perm. Link	320 ft	0.6 dB (NEXT)	10/18/2023 12:40 PM
333	IDF2-2-05-02	FAIL	TIA Cat 6 Perm. Link	320 ft	8.1 dB (NEXT)	08/17/2023 12:49 PM
	IDF2-2-05-03	FAIL	TIA Cat 6 Perm. Link	320 ft	6.8 dB (NEXT)	08/17/2023 12:50 PM
	IDF2-2-05-04	FAIL	TIA Cat 6 Perm. Link	320 ft	7.6 dB (NEXT)	08/17/2023 12:51 PM
	IDF2-2-05-05	FAIL	TIA Cat 6 Perm. Link	320 ft	6.6 dB (NEXT)	08/17/2023 12:51 PM
	IDF2-2-05-06	FAIL	TIA Cat 6 Perm. Link	324 ft	6.7 dB (NEXT)	08/17/2023 12:52 PM
	IDF2-2-05-07	FAIL	TIA Cat 6 Perm. Link	323 ft	5.2 dB (NEXT)	08/17/2023 12:53 PM
	IDF2-2-05-08	FAIL	TIA Cat 6 Perm. Link	323 ft	5.4 dB (NEXT)	08/17/2023 12:53 PM
	IDF2-2-05-09	FAIL	TIA Cat 6 Perm. Link	324 ft	8.1 dB (NEXT)	08/17/2023 12:54 PM
	IDF2-2-05-10	FAIL	TIA Cat 6 Perm. Link	314 ft	8.0 dB (NEXT)	08/17/2023 12:55 PM
	IDF2-2-05-11	FAIL	TIA Cat 6 Perm. Link	314 ft	8.4 dB (NEXT)	08/17/2023 12:55 PM

SHEET NOTES

- REFERENCE DETAIL 1 ON SHEET E0.03 FOR TELECOMMUNICATIONS AND CLASSROOM AUDIO VISUAL ROUGH-IN REQUIREMENTS.
- REFERENCE DETAIL 2 ON SHEET E0.03 FOR AV SCOPE OF WORK INFORMATION.
- REFER TO ARCHITECTURAL DRAWING A5.11 FOR ALL STANDARD WALL-MOUNTED DEVICE MOUNTING HEIGHTS, EXCEPT DEVICES MOUNTED IN SURFACE METAL RACEWAYS.
- ROUTE ALL CATEGORY 6 UTP HORIZONTAL CABLING FROM DATA / VOICE DEVICES SHOWN ON THIS SHEET TO IDF2 (IDF ROOM 6307). TERMINATE CABLING ON RACK-MOUNTED PATCH PANELS, UNLESS OTHERWISE NOTED.
- PROVIDE GROUNDING AND BONDING OF CABLE TRAYS SHOWN ON THIS SHEET. ROUTE A #6 AWG STRANDED GREEN SHEATH GROUNDING CONDUCTOR FROM CABLE TRAYS TO IDF2 (ROOM 6307).
- EXTEND CONDUITS TO SOLID-BOTTOM CABLE TRAYS WHERE SHOWN. PROVIDE ADAPTERS TO SECURE CONDUITS TO SIDE RAIL OF CABLE TRAYS. SEE DETAIL 5 ON SHEET E8.15 FOR ADDITIONAL INFORMATION.
- WIRELESS ACCESS POINTS SHALL BE OFCI.

FLAG NOTES

- 15

PROVIDE 18"W x 4"D SOLID BOTTOM CABLE TRAY. BOTTOM OF TRAY SHALL BE AT 9'-4" AFF
- 16

PROVIDE 12"W x 4"D SOLID BOTTOM CABLE TRAY. BOTTOM OF TRAY SHALL BE AT 9'-4" AFF
- 17

INSTALL DEVICES IN SIDE OF CASEWORK. SEE DETAIL 1 ON SHEET E8.19 FOR ADDITIONAL REQUIREMENTS.
- 18

INSTALL DEVICE IN PEDESTAL AS SHOWN. COORDINATE EXACT LOCATION WITH CASEWORK SUPPLIER.
- 19

PROVIDE 4-GANG SURFACE MOUNT BOX AND ATTACH AV CONTROL PANEL TO COUNTERTOP OF WORKBENCH. PROVIDE (1) CATEGORY 6 PATCH CORD FROM DATA OUTLET IN FLOOR BOX TO AV CONTROL PANEL. SEE DETAIL 1 ON SHEET E8.19 FOR ADDITIONAL REQUIREMENTS.
- 20

FLAG NOTES 20 THRU 24 NOT USED
- 21

SEAL BACK BOX AND CONDUIT(S) WITH FIRE-STOPPING MATERIALS TO PRESERVE FIRE RATING OF WALL.
- 22

FLAG NOTES 26 AND 27 NOT USED
- 23

INSTALL DEVICES IN SIDE OF CASEWORK. REFERENCE DETAIL 1 ON SHEET E8.19 FOR ADDITIONAL REQUIREMENTS.
- 24

PROVIDE (2) 2" CONDUITS WITHIN WALL FOR AV AND TELECOM CABLING ROUTED FROM ACCESSIBLE CEILING SPACE ON FLOOR BELOW TO ACCESSIBLE CEILING SPACE ON THIS FLOOR.
- 1

VIDEO PROJECTOR SHALL BE OFCI. PROJECTOR DROP CEILING MOUNT, ADJUSTABLE POLE AND UNIVERSAL PROJECTOR MOUNTING BRACKET SHALL BE CFCI.
- 2

NOT USED
- 3

PROVIDE TELECOMMUNICATIONS DEVICE IN DIVIDED SURFACE METAL RACEWAY. COORDINATE INSTALLATION WITH POWER RECEPTACLES. REFERENCE DETAIL 2 ON SHEET E8.11 FOR ADDITIONAL REQUIREMENTS.
- 4

PROVIDE (2) 1" CONDUITS / CONDUIT SLEEVES.
- 5

PROVIDE (4) 2" CONDUITS
- 6

PROVIDE TELECOMMUNICATIONS DEVICE FOR WIRELESS ACCESS POINT MOUNTED TO SIDE RAIL OF SOLID-BOTTOM CABLE TRAY. REFERENCE DETAIL 5 ON SHEET E8.11 FOR ADDITIONAL REQUIREMENTS.
- 7

COORDINATE EXACT LOCATION AND TERMINATION REQUIREMENTS WITH ELEVATOR CONTRACTOR.
- 8

EXTEND 1" C FROM DEVICE WITH (1) CATEGORY 6 4-PAIR UTP CABLE TO IDF ROOM ON THIS FLOOR. TERMINATE CABLE ON 110 BLOCK. COORDINATE REQUIREMENTS WITH FIRE ALARM CONTRACTOR.
- 9

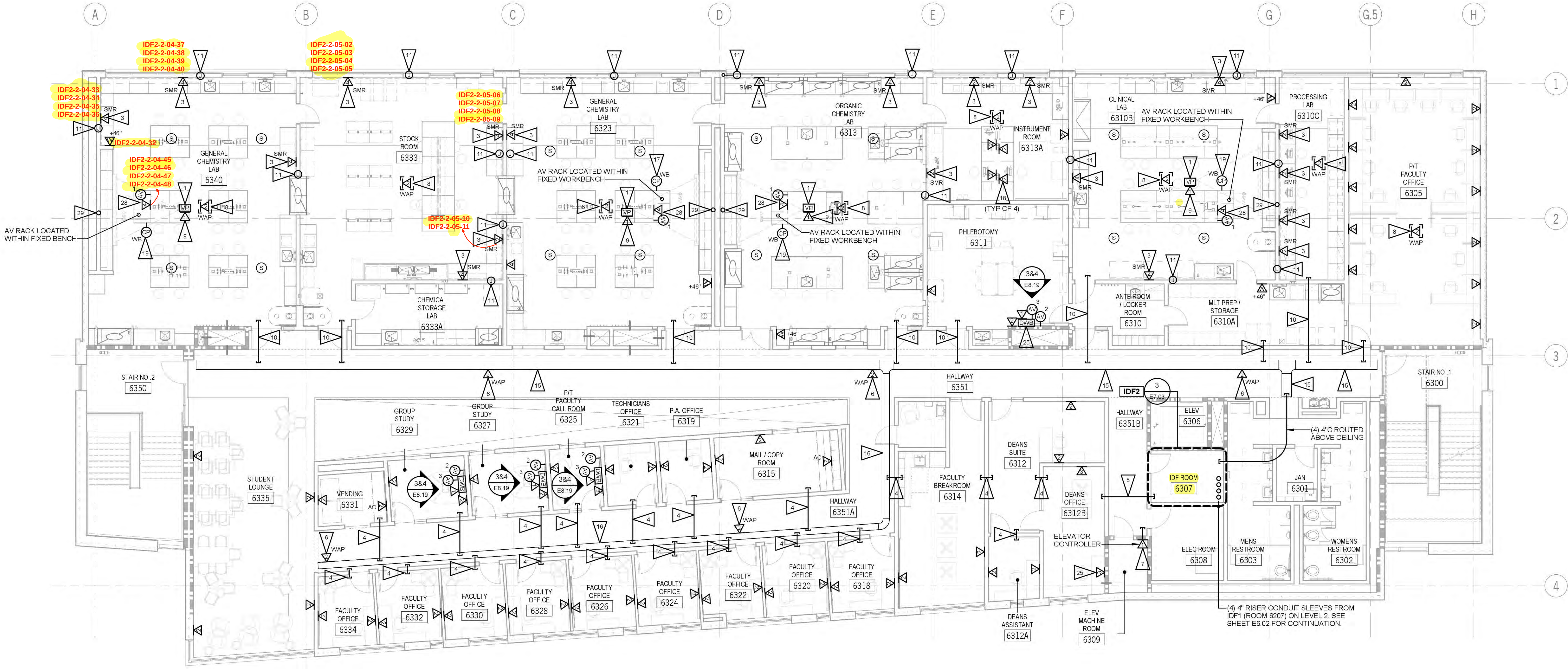
INSTALL DEVICE IN PROJECTOR CEILING MOUNTING PLATE.
- 10

PROVIDE THE FOLLOWING CONDUITS:
(1) 2" CONDUIT - TELECOM
(2) 1" CONDUITS - LOW VOLTAGE
- 11

PROVIDE BACKSIDE CABLING FEED INTO SURFACE METAL RACEWAY. REFERENCE DETAIL 3 ON SHEET E8.11 FOR REQUIREMENTS.
- 12

FLAG NOTES 12 AND 13 NOT USED
- 13

ROUTE (2) 1" CONDUITS IN CEILING SPACE OF FLOOR BELOW. STUB CONDUITS INTO BOTTOM OF FLOOR BOX AND ROUTE CONTINUOUSLY FROM FLOOR BOX, UP THROUGH WALL CAVITY, TO ACCESSIBLE CEILING SPACE OF THIS FLOOR.



TELECOM FLOOR PLAN - LEVEL 3
1/8" = 1'-0"



Principal ES
Project Manager PR
Drawn By AC
Reviewed By PR
Job No. 1807.00
Revisions:
No. Date By

STATE PROJECT #
2018-102H (1-2)

09 APR 2021

BID SET

TELECOM
FLOOR PLAN -
LEVEL 3

E6.03

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