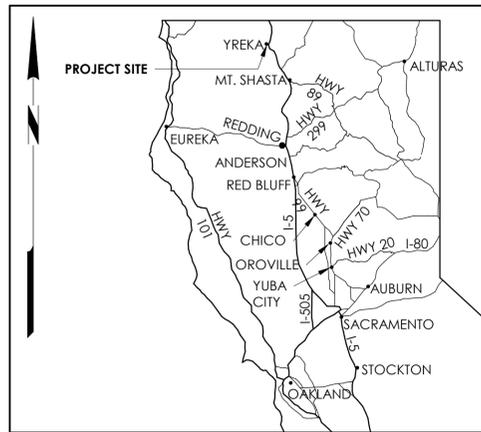


SISKIYOU COUNTY GOVERNMENT CENTER IT



VICINITY MAP
N.T.S.

PROJECT INFO

SITE:
311 4TH ST
YREKA, CA 96097

OWNER:
SISKIYOU COUNTY

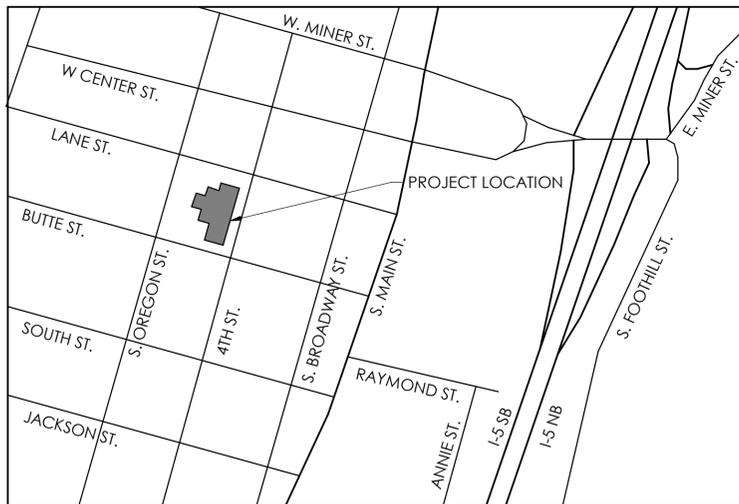
ENGINEER OF RECORD

PACE ENGINEERING INC
5155 VENTURE PARKWAY
REDDING, CA 96002
530-244-0202

CURRENT CODES & STANDARDS

- 2022 BUILDING STANDARDS ADMINISTRATION CODE
- 2022 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC)
- 2022 CALIFORNIA ENERGY CODE
- 2022 CALIFORNIA FIRE CODE (CFC)
- 2022 CALIFORNIA EXISTING BUILDING CODE

SHEET INDEX		
PAGE NUMBER	SHEET	TITLE
GENERAL		
1	G1.0	COVER SHEET
TECHNOLOGY		
2	T0.1	TECHNOLOGY SCHEDULES & SITE PLAN
3	T1.1	BASEMENT - TECHNOLOGY PLAN
4	T1.2	FIRST FLOOR - TECHNOLOGY PLAN
5	T1.3	SECOND FLOOR - TECHNOLOGY PLAN



KEY MAP
NTS

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO EXPAND AND MODERNIZE THE EXISTING IT ROOM. THE SCOPE OF WORK INCLUDES:

- COORDINATION WITH COUNTY STAFF FOR SEQUENCING AND OUTAGES.
- DEMOLITION OF (E) DATA CABLING IN ENTIRE FACILITY AND REFEEDING DEVICES WITH CAT6A CABLING AND (N) SUPPORTS.
- INSTALLATION OF A (N) FIBER OPTIC FEED FROM (E) JAIL TO THE (N) IT ROOM.

THE FOLLOWING ITEMS WILL BE HANDLED BY THE COUNTY AND ARE NOT IN THE SCOPE OF WORK:

- RACKING, SUPPORTS, IT EQUIPMENT AND INSTALL IN (N) IT ROOM.
- HVAC EQUIPMENT IN (N) IT ROOM.

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE ADOPTED ORDINANCES AND BUILDING AND FIRE PREVENTION CODES. REFER TO THESE DRAWINGS FOR A LIST OF KNOWN APPLICABLE CODES. ANY DISCREPANCIES BETWEEN THESE CODES AND THE CONSTRUCTION DOCUMENTS SHOULD IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONSTRUCTION DOCUMENTS SHALL NOT BE CONSTRUED AS TO PERMIT WORK THAT DOES NOT COMPLY WITH THESE CODES.
2. DIMENSIONS SHALL TAKE PRECEDENCE OVER ITEMS AS GRAPHICALLY DEPICTED IN THESE DRAWINGS. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS OF PREFABRICATED AND MANUFACTURED ITEMS AND COORDINATE ROUGH OPENINGS ACCORDINGLY. DIMENSIONS SHOWN ARE TO FACE OF STUD UNO.
3. WHERE CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, THE DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK SHOWN ON THE DRAWINGS. IF SIMILAR WORK IS NOT DETAILED IN THE DRAWINGS, WORK SHALL FOLLOW INDUSTRY STANDARDS AND MANUFACTURER'S RECOMMENDATIONS AS ACCEPTABLE TO THE ENGINEER.
4. ALL CONSTRUCTION SHALL BE IN STRICT CONFORMANCE WITH MANUFACTURER'S LATEST PUBLISHED SPECIFICATIONS AND INSTRUCTIONS. ALL DISCREPANCIES BETWEEN THESE SPECIFICATIONS AND INSTRUCTIONS AND THE CONTRACT DOCUMENTS PREPARED BY THE ENGINEER SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, IN WRITING, PRIOR TO COMMENCING WORK.

BAR IS ONE INCH ON ORIGINAL DRAWING
0" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

REVISIONS		
NO	DATE	DESCRIPTION

PACE ENGINEERING

DES NPe	CKD TBo	JOB NO.
DRN NPe	DATE 4/16/25	0470.17

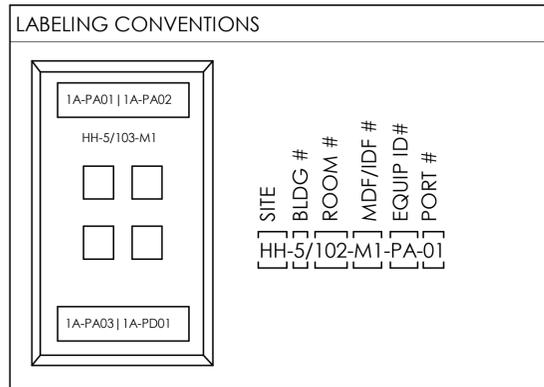
SIGNED 4/16/25

311 4TH ST, YREKA, CA 96097
GOVERNMENT CENTER IT
COVER SHEET

SHEET
G1.0
PG 1 OF 5

TECHNOLOGY SYMBOLS		
GENERAL SYMBOLS	— CONDUIT EXPOSED	
	- - - - - CONDUIT CONCEALED or BURIED	
	- - - - - DATA PATHWAY ABOVE CEILINGS	
	- - - - - DATA PATHWAY BENEATH FLOORS	
	LA-2 → HOME RUN-DESTINATION SHOWN	
	→ CONDUIT DOWN	
	○ CONDUIT UP	
	⊙ CONNECTION POINT	
	① KEYNOTE	
	● GROUND ROD	
TELECOMMUNICATION	FLOOR BOX (D# INDICATES DATA DROPS, P# INDICATES TELEPHONE DROPS)	
	— PLYWOOD BACKBOARD	
	◀ TELECOM PORT (D# INDICATES DATA DROPS, P# INDICATES TELEPHONE DROPS)	
	◻ WIRELESS ACCESS POINT	
	◻ DEMARCATION FOR ALL SERVICES	
	NOTE: SEE GENERAL NOTE NO. 3. THIS IS A SUPPLEMENTAL STANDARD LEGEND. SOME SYMBOLS MAY APPEAR ON THIS LEGEND AND NOT ON THE PLANS.	

SYMBOL ATTRIBUTE CONVENTIONS	
X 42" D2 COM-1	TOP LINE: MOUNTING TYPE, HEIGHT (COD UNO), # DROPS REFERENCE TYPE: SEE REFERENCE SCHEDULE



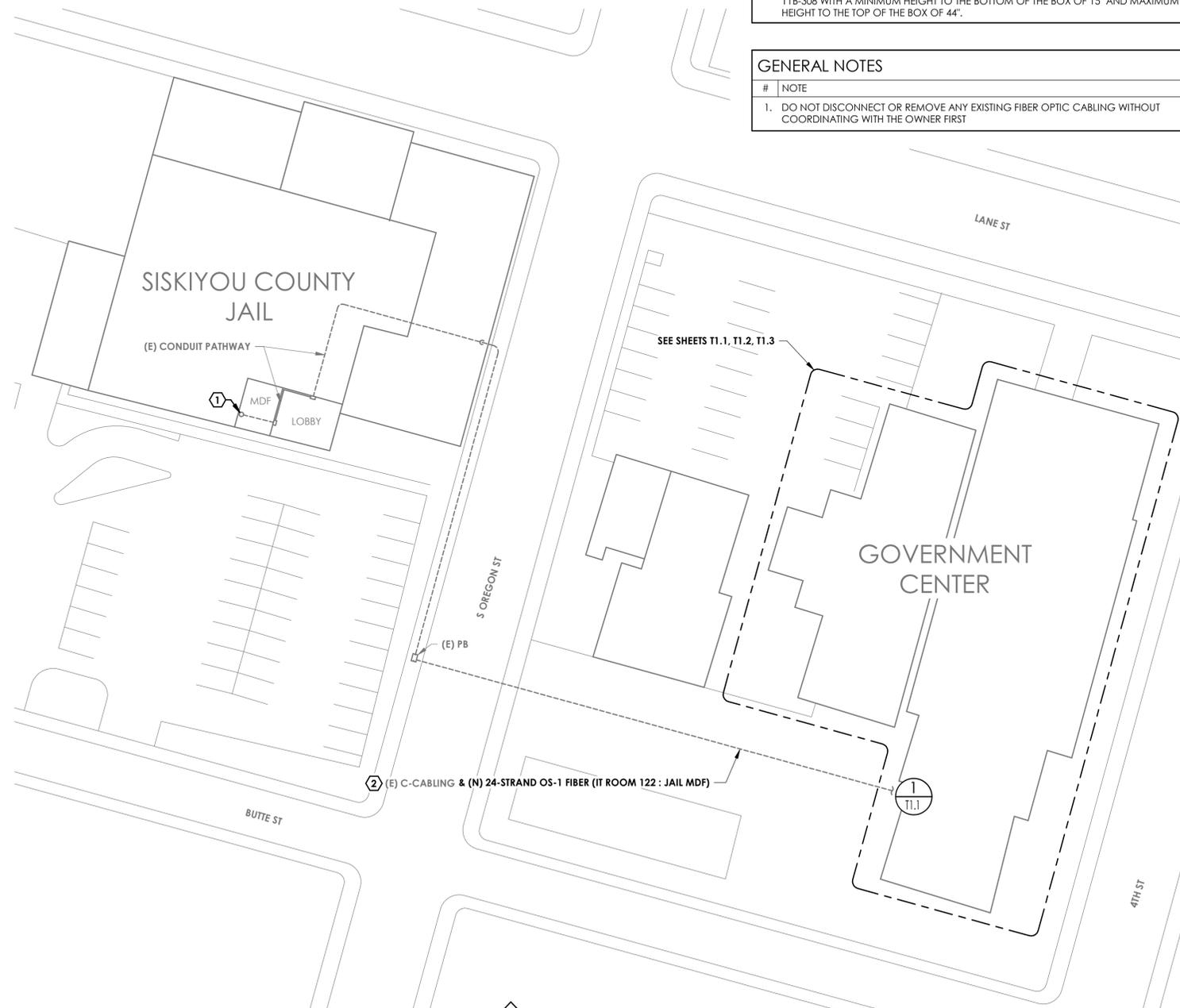
TECHNOLOGY ABBREVIATIONS	
A	-AMPERE
AC	-ALTERNATING CURRENT
ACH	-ABOVE COUNTER HEIGHT
AFF	-ABOVE FINISHED FLOOR
ALM	-ALARM
ANT	-ANTENNA
AUD	-AUDIO
AV	-AUDIO VIDEO
BAT	-BATTERY
BOD	-BOTTOM OF DEVICE BOX
C	-CONDUIT
CAM	-CAMERA
CEC	-CALIFORNIA ELECTRIC CODE
CKT	-CIRCUIT
COD	-CENTER OF DEVICE BOX
CP	-COPIER
CT	-CURRENT TRANSFORMER
CTV	-CABLE TELEVISION
DAT	-DATA
DB	-DOOR BELL
DC	-DIRECT CURRENT
DISH	-DISH ANTENNA
DR	-DOOR RELEASE
(E)	-EXISTING
FB	-FLOOR BOX
G	-GROUND
GEN	-GENERATOR
IC	-INTERCOM
IG	-ISOLATED GROUND
IP	-INTERNET PROTOCOL
IR	-INFRARED
J or JBOX	-JUNCTION BOX
KPAD	-KEY PAD
LTG	-LIGHTING
MFR	-MANUFACTURER
MIC	-MICROPHONE
(N)	-NEW
NEMA	-NATIONAL ELECTRIC MANUFACTURER'S ASSOCIATION
NTS	-NOT TO SCALE
OFCI	-OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	-OWNER FURNISHED, OWNER INSTALLED
PNL	-PANEL
PWR	-POWER
RCPT	-RECEPTACLE
RM	-ROOM
TOD	-TOP OF DEVICE BOX
TV	-TELEVISION
TYP.	-TYPICAL
V	-VOLT
VOIP	-VOICE OVER IP
WAP	-RADIO REPEATER OR WIRELESS ACCESS POINT
WP	-WEATHERPROOF
NOTE: THIS IS A SUPPLEMENTAL STANDARD LEGEND. SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS LEGEND AND NOT ON THE PLANS	

MOUNTING TYPE ABBREVIATIONS	
C	-CEILING
D	-DOOR
DF	-DOOR FRAME
DSK	-DESK
F	-FLUSH
FL	-FLOOR
G	-GROUND
H	-HIDDEN
M	-MULLION
O	-OUTDOOR
P	-PEDESTAL
RK	-RACK
R	-ROOF
REC	-RECESSED
S	-SURFACE
W	-WALL
NOTE: THIS IS A SUPPLEMENTAL STANDARD LEGEND. SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS LEGEND AND NOT ON THE PLANS	

COMPLY WITH APPLICABLE CODES	
#	CODE
1.	CALIFORNIA BUILDING CODE
2.	CALIFORNIA ELECTRIC CODE
3.	CALIFORNIA ENERGY CODE
4.	CALIFORNIA FIRE CODE
5.	EIA/TIA-549A, EIA/TIA-549B, EIA/TIA-549C

KEYNOTES	
#	NOTE
1.	PROVIDE AND INSTALL FIBER OPTIC CABLE TO JAIL MDF. TERMINATE FIBER TO NEW PATCH PANEL. COORDINATE WITH OWNER FOR ACCESS TO JAIL AND INSTALLATION LOCATION OF PATCH PANEL
2.	INSTALL NEW FIBER OPTIC CABLING IN EXISTING CONDUIT PATHWAY BETWEEN BUILDINGS. THE FIBER OPTIC CABLING SHALL BE INSTALLED AS ONE CONTINUOUS RUN WITHOUT SPLICING.
3.	DEVICE BOX LOCATIONS SHALL BE INSTALLED WHERE INDICATED AND COMPLY WITH CBC 11B-308 WITH A MINIMUM HEIGHT TO THE BOTTOM OF THE BOX OF 15" AND MAXIMUM HEIGHT TO THE TOP OF THE BOX OF 44".

GENERAL NOTES	
#	NOTE
1.	DO NOT DISCONNECT OR REMOVE ANY EXISTING FIBER OPTIC CABLING WITHOUT COORDINATING WITH THE OWNER FIRST



TECHNOLOGY SITE PLAN
 1" = 30'-0"



REVISIONS		
NO	DATE	DESCRIPTION

PACE
 ENGINEERING

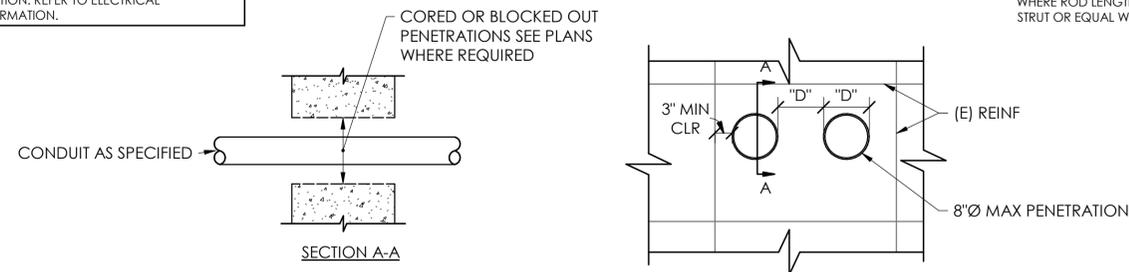
DES	NP	CKD	TB	JOB NO.
DRN	NP	DATE	2/28/25	0470.17

SIGNED 4/16/25

SISKIYOU COUNTY
 GOVERNMENT CENTER IT
 311 4TH ST, YREKA, CA 96097
TECHNOLOGY SCHEDULES & SITE PLAN

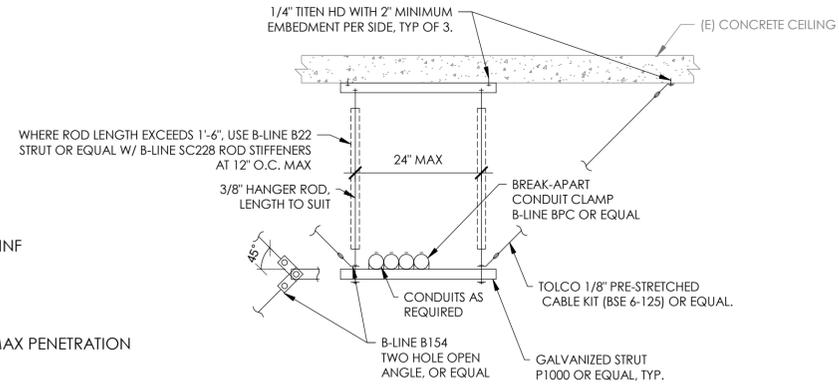
SHEET
T0.1
 PG 2 OF 5

TECHNOLOGY REFERENCE SCHEDULE		
REF #	HOME RUN	DESCRIPTION AND NOTES
COM-1	CAT6A : MDF	PROVIDE AND INSTALL WALL PLATE, BACKBOX, RACEWAY, JACKS, AND BLANK SPACE INSERTS AS REQUIRED PER LOCATION. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
COM-2	CAT6A : OLD COURTHOUSE IDF	PROVIDE AND INSTALL WALL PLATE, BACKBOX, RACEWAY, JACKS, AND BLANK SPACE INSERTS AS REQUIRED PER LOCATION. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.



- NOTES:
1. CORED OR BLOCKED PENETRATIONS ARE ONLY REQUIRED WHEN SHOWN ON PLANS.
 2. LOCATE (E) REINF PRIOR TO CORING TO AVOID DAMAGE TO (E) REINF.

PIPES THROUGH CONCRETE 2
NTS T1.1

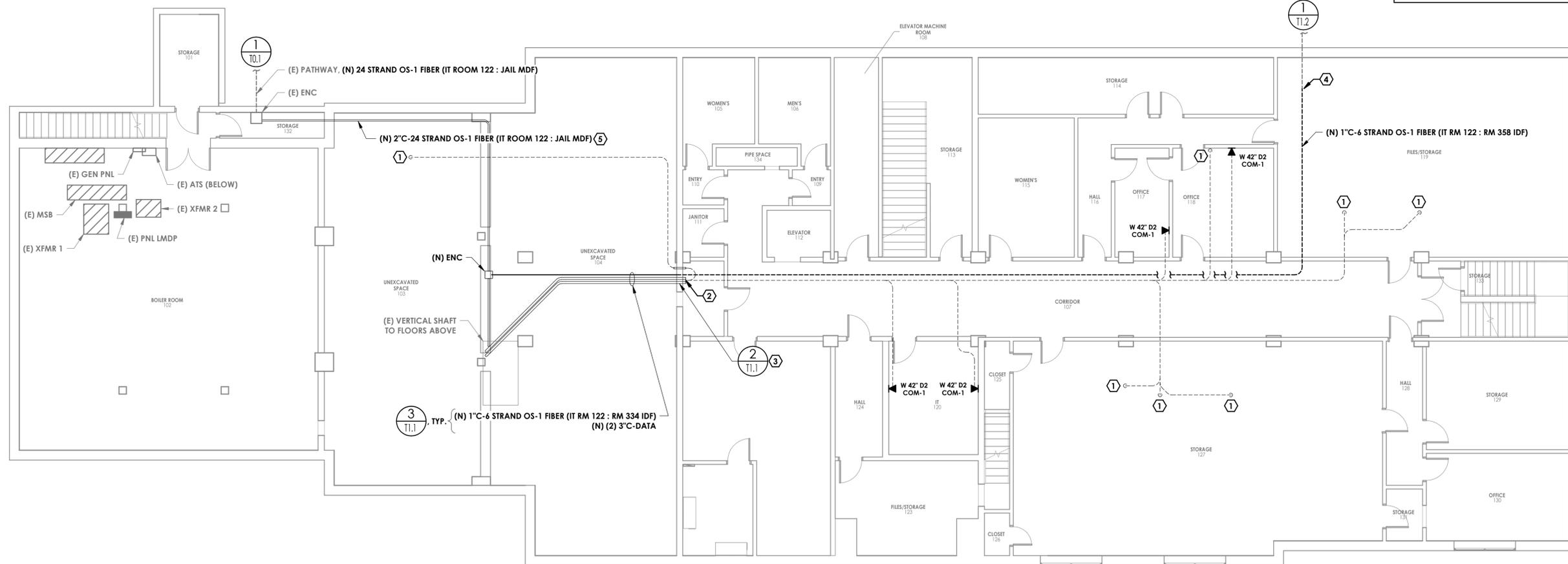


- NOTES:
1. PROVIDE CONDUIT TRAPEZE AT 10' MAXIMUM SPACING.
 2. PROVIDE CONDUIT SUPPORTS AS REQUIRED FOR VERTICAL CONDUIT RUNS TO AND FROM TRAPEZE.
 3. MOUNT CONDUIT TRAPEZE SO IT DOES NOT INTERFERE WITH LIGHTING OR OTHER OVERHEAD PIPING/HVAC EQUIPMENT.

SUPPORT - CONDUIT TRAPEZE SUSPENDED 3
NTS T1.1

#	NOTE
1.	PROVIDE AND INSTALL DATA TO EXISTING FLOOR BOXES ABOVE. REFER TO FIRST FLOOR TECHNOLOGY PLAN FOR DATA DROP REQUIREMENTS.
2.	AFTER INSTALLING CATEGORY CABLING, SEAL CONDUIT ENDS WITH AN APPROVED CONDUIT SEALANT.
3.	ROUTE NEW CONDUIT PATHWAY THROUGH WALL TO ACCESS CORRIDOR. UTILIZE EXISTING BLOCK OUTS WHERE POSSIBLE. WHERE NOT POSSIBLE, CORE DRILL THROUGH WALL.
4.	FIELD LOCATE EXISTING CONDUIT PATHWAY BETWEEN BUILDINGS. PROVIDE AND INSTALL NEW FIBER OPTIC CABLING BETWEEN THE EXISTING IDF IN RM 358 AND NEW IT ROOM THROUGH EXISTING PATHWAY.
5.	ROUTE CONDUIT THROUGH EXISTING BLOCKED OUT OPENINGS. ONLY CORE DRILL WHERE INDICATED ON PLANS.

#	NOTE
1.	DATA CABLING SHALL BE INSTALLED IN ACCESSIBLE CEILINGS UNLESS INDICATED OTHERWISE. ADJUSTMENTS TO THE INDICATED PATHWAYS IS ALLOWED WITHIN THE SPECIFICATIONS ON THE PROJECT.
2.	VERTICAL SURFACE MOUNT RACEWAY IS ACCEPTABLE FROM DATA DROP LOCATIONS TO ACCESSIBLE CEILINGS. CONFIRM WITH OWNER BEFORE INSTALLING HORIZONTAL SURFACE MOUNT RACEWAYS.
3.	CLOSE COORDINATION WITH OWNER IS REQUIRED WHERE EXISTING DATA DROPS ARE BEING REPLACED. DO NOT DISCONNECT/REMOVE DATA CABLING THAT IS IN USE WITHOUT CONFIRMATION.
4.	PROVIDE AND INSTALL PATCH PANELS FOR LOW VOLTAGE DATA AND FIBER CONNECTION. TERMINATE CABLING AND FIBER TO PATCH PANELS. COORDINATE WITH OWNER FOR INSTALLATION LOCATION OF PATCH PANELS.
5.	PROVIDE AND INSTALL BLANK COVERS WHERE NEW DATA DROPS ARE NOT BEING INSTALLED AT PREVIOUS LOCATIONS.
6.	ONCE NEW DATA CABLING IS IN SERVICE, DEMO EXISTING DATA CABLING.
7.	DO NOT DISCONNECT OR REMOVE ANY EXISTING FIBER OPTIC CABLING WITHOUT COORDINATING WITH THE OWNER FIRST.
8.	PATCH AND REPAIR ALL DISTURBED SURFACES TO MATCH EXISTING.



BASEMENT - TECHNOLOGY PLAN 1
1/8" = 1'-0" T1.1

BAR IS ONE INCH ON ORIGINAL DRAWING
0" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

REVISIONS		
NO	DATE	DESCRIPTION



DES	NP	CKD	TB	JOB NO.
DRN	NP	DATE	2/28/25	0470.17



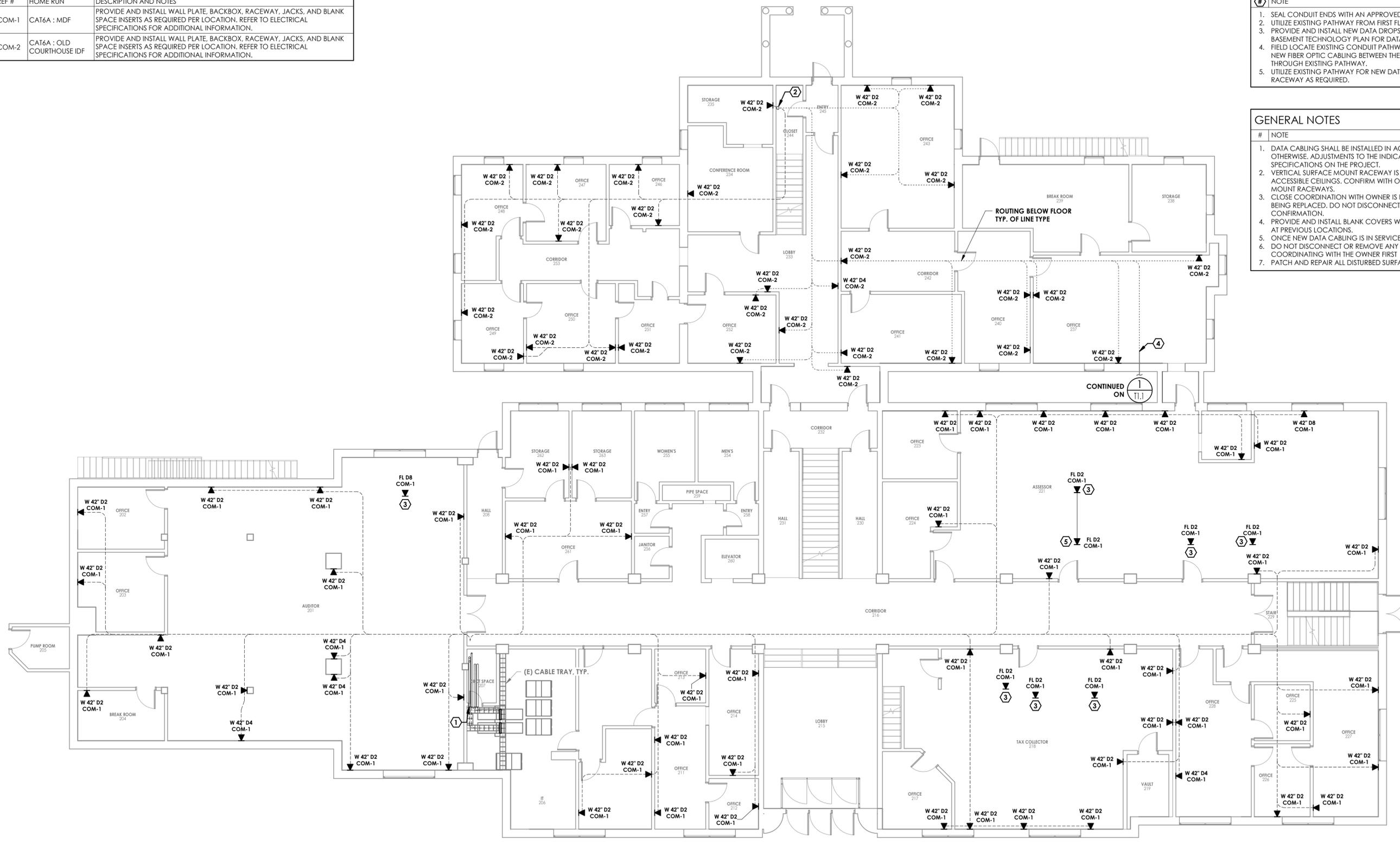
SISKIYOU COUNTY
GOVERNMENT CENTER IT
311 4TH ST, YREKA, CA 96097
BASEMENT - TECHNOLOGY PLAN

SHEET
T1.1
PG 3 OF 5

TECHNOLOGY REFERENCE SCHEDULE		
REF #	HOME RUN	DESCRIPTION AND NOTES
COM-1	CAT6A : MDF	PROVIDE AND INSTALL WALL PLATE, BACKBOX, RACEWAY, JACKS, AND BLANK SPACE INSERTS AS REQUIRED PER LOCATION. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
COM-2	CAT6A : OLD COURTHOUSE IDF	PROVIDE AND INSTALL WALL PLATE, BACKBOX, RACEWAY, JACKS, AND BLANK SPACE INSERTS AS REQUIRED PER LOCATION. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEYNOTES	
#	NOTE
1.	SEAL CONDUIT ENDS WITH AN APPROVED CONDUIT SEALANT.
2.	UTILIZE EXISTING PATHWAY FROM FIRST FLOOR TO SECOND FLOOR.
3.	PROVIDE AND INSTALL NEW DATA DROPS TO EXISTING FLOOR BOX LOCATIONS. REFER TO BASEMENT TECHNOLOGY PLAN FOR DATA ROUTING AND PATHWAYS.
4.	FIELD LOCATE EXISTING CONDUIT PATHWAY BETWEEN BUILDINGS. PROVIDE AND INSTALL NEW FIBER OPTIC CABLING BETWEEN THE EXISTING IDF IN RM 358 AND NEW IT ROOM THROUGH EXISTING PATHWAY.
5.	UTILIZE EXISTING PATHWAY FOR NEW DATA CABLING. PROVIDE AND INSTALL HORIZONTAL RACEWAY AS REQUIRED.

GENERAL NOTES	
#	NOTE
1.	DATA CABLING SHALL BE INSTALLED IN ACCESSIBLE CEILINGS UNLESS INDICATED OTHERWISE. ADJUSTMENTS TO THE INDICATED PATHWAYS IS ALLOWED WITHIN THE SPECIFICATIONS ON THE PROJECT.
2.	VERTICAL SURFACE MOUNT RACEWAY IS ACCEPTABLE FROM DATA DROP LOCATIONS TO ACCESSIBLE CEILINGS. CONFIRM WITH OWNER BEFORE INSTALLING HORIZONTAL SURFACE MOUNT RACEWAYS.
3.	CLOSE COORDINATION WITH OWNER IS REQUIRED WHERE EXISTING DATA DROPS ARE BEING REPLACED. DO NOT DISCONNECT/REMOVE DATA CABLING THAT IS IN USE WITHOUT CONFIRMATION.
4.	PROVIDE AND INSTALL BLANK COVERS WHERE NEW DATA DROPS ARE NOT BEING INSTALLED AT PREVIOUS LOCATIONS.
5.	ONCE NEW DATA CABLING IS IN SERVICE, DEMO EXISTING DATA CABLING.
6.	DO NOT DISCONNECT OR REMOVE ANY EXISTING FIBER OPTIC CABLING WITHOUT COORDINATING WITH THE OWNER FIRST
7.	PATCH AND REPAIR ALL DISTURBED SURFACES TO MATCH EXISTING.



FIRST FLOOR - TECHNOLOGY PLAN
1/8" = 1'-0"

BAR IS ONE INCH ON ORIGINAL DRAWING
0" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

REVISIONS		
NO	DATE	DESCRIPTION

PACE ENGINEERING

DES NP CKD TB JOB NO.
DRN NP DATE 2/28/25 0470.17

SIGNED 4/16/25

REGISTERED PROFESSIONAL ENGINEER
ANTHONY A. BOWEN
No. E 047988
ELECTRICAL
STATE OF CALIFORNIA

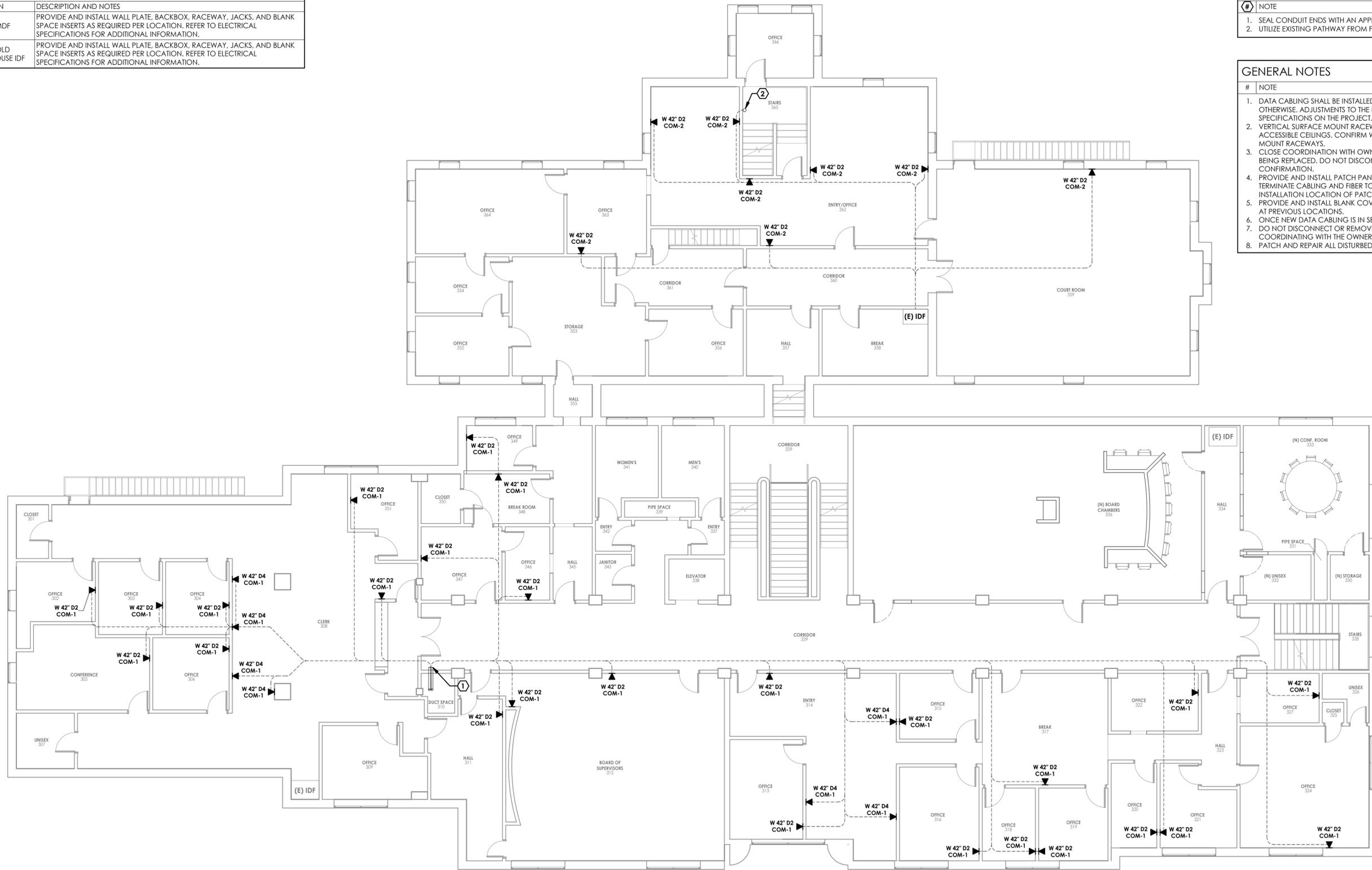
SISKIYOU COUNTY
GOVERNMENT CENTER II
311 4TH ST, YREKA, CA 96097
FIRST FLOOR - TECHNOLOGY PLAN

SHEET
T1.2
PG 4 OF 5

TECHNOLOGY REFERENCE SCHEDULE		
REF #	HOME RUN	DESCRIPTION AND NOTES
COM-1	CAT6A : MDF	PROVIDE AND INSTALL WALL PLATE, BACKBOX, RACEWAY, JACKS, AND BLANK SPACE INSERTS AS REQUIRED PER LOCATION. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
COM-2	CAT6A : OLD COURTHOUSE IDF	PROVIDE AND INSTALL WALL PLATE, BACKBOX, RACEWAY, JACKS, AND BLANK SPACE INSERTS AS REQUIRED PER LOCATION. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEYNOTES	
#	NOTE
1.	SEAL CONDUIT ENDS WITH AN APPROVED CONDUIT SEALANT.
2.	UTILIZE EXISTING PATHWAY FROM FIRST FLOOR TO SECOND FLOOR.

GENERAL NOTES	
#	NOTE
1.	DATA CABLING SHALL BE INSTALLED IN ACCESSIBLE CEILINGS UNLESS INDICATED OTHERWISE. ADJUSTMENTS TO THE INDICATED PATHWAYS IS ALLOWED WITHIN THE SPECIFICATIONS ON THE PROJECT.
2.	VERTICAL SURFACE MOUNT RACEWAY IS ACCEPTABLE FROM DATA DROP LOCATIONS TO ACCESSIBLE CEILINGS. CONFIRM WITH OWNER BEFORE INSTALLING HORIZONTAL SURFACE MOUNT RACEWAYS.
3.	CLOSE COORDINATION WITH OWNER IS REQUIRED WHERE EXISTING DATA DROPS ARE BEING REPLACED. DO NOT DISCONNECT/REMOVE DATA CABLING THAT IS IN USE WITHOUT CONFIRMATION.
4.	PROVIDE AND INSTALL PATCH PANELS FOR LOW VOLTAGE DATA AND FIBER CONNECTION. TERMINATE CABLING AND FIBER TO PATCH PANELS. COORDINATE WITH OWNER FOR INSTALLATION LOCATION OF PATCH PANELS.
5.	PROVIDE AND INSTALL BLANK COVERS WHERE NEW DATA DROPS ARE NOT BEING INSTALLED AT PREVIOUS LOCATIONS.
6.	ONCE NEW DATA CABLING IS IN SERVICE. DEMO EXISTING DATA CABLING.
7.	DO NOT DISCONNECT OR REMOVE ANY EXISTING FIBER OPTIC CABLING WITHOUT COORDINATING WITH THE OWNER FIRST.
8.	PATCH AND REPAIR ALL DISTURBED SURFACES TO MATCH EXISTING.



➔ SECOND FLOOR - TECHNOLOGY PLAN
1/8" = 1'-0"

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0" 1"
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PACE ENGINEERING

DES NP CKD TB JOB NO.
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ANTHONY A. BOWEN
No. E 017988
ELECTRICAL
STATE OF CALIFORNIA

SISKIYOU COUNTY
GOVERNMENT CENTER IT
311 4TH ST, YREKA, CA 96097
SECOND FLOOR - TECHNOLOGY PLAN

SHEET
T1.3
PG 5 OF 5