TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™

3601 4th Street, STOP 7781, Lubbock,
TX 79430-7781

Page Project No. 320026.05
ADDENDUM 02
10 APRIL 2025

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MECHANICAL ENGINEER
FANNING FANNING & ASSOCIATES INC.
2555 74th St.
Lubbock, TX 79423
806-745-2533

REGISTERED ARCHITECT STATE OF TEXAS 04/10/2025

10 APRIL 2025

Page Project Number 320026.05

TTUHSC Preston Smith Library Renovation - Level 01 / 02

G-000

FILE NAME: Autodesk
USER NAME: Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
DATE STAMP: 4/8/2025 5:20:28 PM

REFERENCE SYMBOLS

SYMBOL	DESCRIPTION
MATCHLINE / SEE XX/X-XXX	MATCH LINE / SHEET REFERENCE
1 / 000	KEYED NOTE
XX	PARTITION TAG REFER TO PARTITION SCHEDULE
A6 / A-311	BUILDING SECTION TAG
A6 / A-311	WALL SECTION TAG
A6 / A-202	EXTERIOR ELEVATION TAG
H6 / A-411	INTERIOR ELEVATION TAG
A6 / A-431	PLAN REFERENCE TAG
NAME / XXXXX	ROOM NAME / ROOM NUMBER
XXXXX	EQUIPMENT TAG
TA-XX	TOILET ACCESSORY TAG
XX' - XX"	DATUM ELEVATION
1	REVISION MARK
SIM / 1 / A-101	DETAIL MARK AND ENLARGED PLAN REFERENCE
1 / 0001	NEW DOOR WITH DOOR TAG REF DOOR SCH
A	NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
WP1	WALL PROTECTION
EJ	EXPANSION JOINT
CG	CORNER GUARD
X / XX	CASEWORK TYPE ABBREVIATION; HEIGHT; WIDTH
	NOT IN CONTRACT (NIC) - UNO BY MECHANICAL, PLUMBING, ELECTRICAL, OR STRUCTURAL SHEETS
	EXISTING TO NEW BOUNDARY
A / A	NEW / EXISTING — COLUMN GRID DESIGNATIONS

CODE SUMMARY

PROJECT DESCRIPTION

PROJECT NAME: TTUHSC PRESTON SMITH LIBRARY RENOVATION

PROJECT LOCATION: 3601 4TH STREET, STOP 7781, LUBBOCK, TX, 79430-7781

APPLICABLE CODES: THIS BUILDING SHALL BE DESIGNED AND CONSTRUCTED TO MEET THE FOLLOWING CODES:

2024 NFPA 101 LIFE SAFETY CODE - FIRE & LIFE SAFETY

2021 INTERNATIONAL BUILDING CODE

2020 NATIONAL ELECTRICAL CODE - ELECTRICAL

2021 INTERNATIONAL MECHANICAL CODE - MECHANICAL

2021 INTERNATIONAL PLUMBING CODE - PLUMBING

2021 INTERNATIONAL GAS CODE - GAS

2021 INTERNATIONAL FIRE CODE - FIRE PROTECTION

2021 INTERNATIONAL ENERGY CONSERVATION CODE

2012 TEXAS ACCESSIBILITY STANDARDS

PROJECT DESCRIPTION: THE PRESTON SMITH LIBRARY BUILDING SERVES THE TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER ON THE LUBBOCK CAMPUS. THE LIBRARY BUILDING CONSISTS OF THREE ABOVE GRADE LEVELS PLUS A BASEMENT LEVEL. THE SCOPE OF THIS PROJECT IS LIMITED TO THE RENOVAITON OF THE FIRST AND SECOND LEVELS, APPROXIMATELY 28,740 SF.

BUILDING CHARACTERISTICS

BASEMENT LEVEL: 1

OCCUPIED STORIES ABOVE GRADE: 3

AREA / POPULATION BY FLOOR:

LEVEL 01	1,932 SF
LEVEL 02	26,808 SF
TOTAL AREA:	28,740 SF

REFER TO LIFE SAFETY FLOOR PLAN DRAWINGS FOR OCCUPANT CALCULATIONS

REFER TO FLOOR PLANS FOR SCOPE OF WORK

INDEX OF DRAWINGS

DISCIPLINE	SHEET NO	SHEET NAME	ISSUE DATE: ISSUE FOR CONSTRUCTION	ISSUE DATE: ADDENDUM 02
GENERAL				
GENERAL	G-000	COVER SHEET	21 MAR 2025	10 APR 2025
GENERAL	G-001	GENERAL - PROJECT INFORMATION & CODE REVIEW	21 MAR 2025	10 APR 2025
GENERAL	GL-101	GENERAL - LIFE SAFETY PLAN - LEVEL 01	21 MAR 2025	10 APR 2025
GENERAL	GL-102	GENERAL - LIFE SAFETY PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
STRUCTURAL				
STRUCTURAL	S-010	STRUCTURAL LEGENDS, ABBREVIATIONS & GENERAL NOTES		10 APR 2025
ARCHITECTURAL				
ARCHITECTURAL	AD-101	ARCHITECTURAL - DEMOLITION PLAN - LEVEL 01	21 MAR 2025	
ARCHITECTURAL	AD-102	ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ARCHITECTURAL	A-101	ARCHITECTURAL - FLOOR PLAN - LEVEL 01	21 MAR 2025	
ARCHITECTURAL	A-102	ARCHITECTURAL - FLOOR PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ARCHITECTURAL	AC-101	ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 01	21 MAR 2025	
ARCHITECTURAL	AC-102	ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ARCHITECTURAL	A-312	ARCHITECTURAL - INTERIOR ELEVATIONS	21 MAR 2025	10 APR 2025
ARCHITECTURAL	A-431	ARCHITECTURAL - ENLARGED RESTROOMS	21 MAR 2025	10 APR 2025
ARCHITECTURAL	A-501	ARCHITECTURAL - INTERIOR/EP DETAILS	21 MAR 2025	10 APR 2025
ARCHITECTURAL	A-601	ARCHITECTURAL - PARTITION SCHEDULE	21 MAR 2025	10 APR 2025
ARCHITECTURAL	A-602	ARCHITECTURAL - WALL PARTITION / ROOF DETAILS	21 MAR 2025	
ARCHITECTURAL	A-611	ARCHITECTURAL - DOOR / FRAME ELEVATIONS, DETAILS, AND SCHEDULE	21 MAR 2025	10 APR 2025
ARCHITECTURAL	A-652	ARCHITECTURAL - GLAZING ELEVATIONS AND DETAILS - INTERIOR	21 MAR 2025	
ARCHITECTURAL	A-701	ARCHITECTURAL - MILLWORK DETAILS	21 MAR 2025	
ARCHITECTURAL	A-702	ARCHITECTURAL - MILLWORK DETAILS	21 MAR 2025	
INTERIOR				
INTERIOR	AI-101	ARCHITECTURAL - INTERIORS PLAN - LEVEL 01	21 MAR 2025	
INTERIOR	AI-102	ARCHITECTURAL - INTERIORS PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
INTERIOR	AI-601	ARCHITECTURAL - INTERIORS FINISH SCHEDULE	21 MAR 2025	10 APR 2025
PLUMBING				
PLUMBING	PD-101	PLUMBING - SECOND FLOOR PLAN - DEMOLITION	21 MAR 2025	
PLUMBING	P-101	PLUMBING - FIRST FLOOR PLAN	21 MAR 2025	10 APR 2025
PLUMBING	P-102	PLUMBING - SECOND FLOOR PLAN	21 MAR 2025	10 APR 2025
PLUMBING	P-201	PLUMBING - SCHEDULES AND DETAILS	21 MAR 2025	10 APR 2025
MECHANICAL				
MECHANICAL	MD-101	MECHANICAL - FIRST FLOOR PLAN - DEMOLITION	21 MAR 2025	10 APR 2025
MECHANICAL	MD-102	MECHANICAL - SECOND FLOOR PLAN - DEMOLITION	21 MAR 2025	
MECHANICAL	M-101	MECHANICAL - FIRST FLOOR PLAN	21 MAR 2025	10 APR 2025
MECHANICAL	M-102	MECHANICAL - SECOND FLOOR PLAN	21 MAR 2025	10 APR 2025
MECHANICAL	M-103	MECHANICAL - THIRD FLOOR PLAN	21 MAR 2025	10 APR 2025
MECHANICAL	M-104	MECHANICAL - ROOF PLAN	21 MAR 2025	
MECHANICAL	M-201	MECHANICAL - SCHEDULES AND DETAILS	21 MAR 2025	
MECHANICAL	M-202	MECHANICAL - SCHEDULES AND DETAILS	21 MAR 2025	10 APR 2025
ELECTRICAL				
ELECTRICAL	E-001	ELECTRICAL - LEGENDS AND NOTES	21 MAR 2025	
ELECTRICAL	ED-101	ELECTRICAL - DEMOLITION PLAN LIGHTING - LEVEL 01	21 MAR 2025	
ELECTRICAL	ED-102	ELECTRICAL - DEMOLITION PLAN LIGHTING - LEVEL 02	21 MAR 2025	
ELECTRICAL	ED-201	ELECTRICAL - DEMOLITION PLAN POWER - LEVEL 01	21 MAR 2025	
ELECTRICAL	ED-202	ELECTRICAL - DEMOLITION PLAN POWER - LEVEL 02	21 MAR 2025	
ELECTRICAL	E-101	ELECTRICAL - LIGHTING PLAN - LEVEL 01	21 MAR 2025	
ELECTRICAL	E-102	ELECTRICAL - LIGHTING PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ELECTRICAL	E-201	ELECTRICAL - POWER PLAN - LEVEL 01	21 MAR 2025	10 APR 2025
ELECTRICAL	E-202	ELECTRICAL - POWER PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ELECTRICAL	E-203	ELECTRICAL - MECHANICAL CONNECTION PLAN - LEVEL 01	21 MAR 2025	10 APR 2025
ELECTRICAL	E-204	ELECTRICAL - MECHANICAL CONNECTION PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ELECTRICAL	E-301	ELECTRICAL - COMMUNICATION PLAN - LEVEL 01	21 MAR 2025	
ELECTRICAL	E-302	ELECTRICAL - COMMUNICATION PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ELECTRICAL	E-401	ELECTRICAL - FIRE ALARM PLAN - LEVEL 01	21 MAR 2025	
ELECTRICAL	E-402	ELECTRICAL - FIRE ALARM PLAN - LEVEL 02	21 MAR 2025	10 APR 2025
ELECTRICAL	E-501	ELECTRICAL - DETAILS/RISER DIAGRAM	21 MAR 2025	
ELECTRICAL	E-601	ELECTRICAL - SCHEDULES	21 MAR 2025	
ELECTRICAL	E-602	ELECTRICAL - SCHEDULES	21 MAR 2025	10 APR 2025
ELECTRICAL	E-603	ELECTRICAL - SCHEDULES	21 MAR 2025	10 APR 2025
Grand total: 54				

ABBREVIATIONS & NOTATIONS

A
AB ANCHOR BOLT
ACT ACOUSTICAL TILE
AD AREA DRAIN
AFF ABOVE FINISH FLOOR
ALT ALTERNATE
ALUM ALUMINUM
ARCH ARCHITECTURAL
AU ASH URN
AV AUDIO VISUAL

B
BD BOARD
BLD BUILDING
BLK BLOCKING
BM BEAM OR BENCHMARK
BNG BEARING
BOD BOTTOM OF DECK
BOT BOTTOM
BR BACKER ROD
BRG BRIDGING
BUR BUILT-UP ROOFING
BW BOTH WAYS

C
C COURSE
CAB CABINET
CEM CEMENT OR CEMENTITIOUS
CG CORNER GUARD
CIP CAST-IN-PLACE
CIR CIRCLE
CJ CONTROL JOINT
CLG CEILING
cm CENTIMETER
CMU CONCRETE MASONRY UNIT
COL COLUMN
CONC CONCRETE
CONS CONSTRUCTION
CONT CONTINUOUS
CORR CORRIDOR
CPT CARPET
CSK COUNTERSINK
CT CERAMIC TILE

D
D DEPTH OR DEEP
DBL DOUBLE
DEG DEGREE
DEM DEMOLITION
DTL DETAIL
DF DRINKING FOUNTAIN
DIA DIAMETER
DIM DIMENSION
DN DOWN
DP DAMPPROOFING
DR DOOR
DS DOWNSPOUT
DTL DETAIL
DW DISHWASHER
DWG DRAWING
DWR DRAWER

E
E EAST
EA EACH
EHB ELECTRIC HAIR BLOWER
EHD ELECTRIC HAND DRYER
EIFS EXTERIOR INSULATING FINISH SYSTEM
EJ EXPANSION JOINT
EL ELEVATION (GRADE)
ELEC ELECTRICAL
EQ EQUAL
EQUIP EQUIPMENT
ETS EXPOSED TO STRUCTURE
EW EACH WAY
EWC ELECTRIC WATER COOLER
EXP EXPANSION OR EXPOSED
EXIST EXISTING
EXT EXTERIOR
EXTD EXTRUDED

F
FD FLOOR DRAIN
FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FEX FIRE EXTINGUISHER (NO CABINET)
FFA FURNITURE, FIXTURES & ACCESSORIES
FFE FURNITURE, FIXTURES & EQUIPMENT
FF FINISHED FLOOR
FHC FIRE HOSE CABINET
FIN FINISH
FLR FLOOR
FLUOR FLUORESCENT
FP FIREPROOFING
FR FIRE RETARDANT/ FIRE RESISTIVE
FRP FIBERGLASS REINFORCED POLYMER
FT FOOT/ FEET
FTG FOOTING
FURN FURNITURE
FV FIELD VERIFY
FWC FABRIC WALL COVERING
FPHB FREEZE-PROOF HOSE BIBB

G
GA GAUGE
GALV GALVANIZED
GB GRAB BAR
GFRC GLASS FIBER REINFORCED CONCRETE
GFRG GLASS FIBER REINFORCED GYPSUM
GL GLASS
GND GROUND
GR GRADE
GYP GYPSUM
GYP BD GYPSUM BOARD

H
H HIGH
HB HOSE BIBB
HC HOLLOW CORE
HD HOLD
HBD HARDBOARD
HCTL HANDICAPPED ACCESSIBLE TOILET
HDR HEADER
HDW HARDWARE
HDWD HARDWOOD
HM HOLLOW METAL
HOR HORIZONTAL
HPL HIGH PRESSURE LAMINATE
HR HOUR
HT HEIGHT
HVAC HEATING, VENTILATION & AIR CONDITIONING

I
ID INSIDE
IN DIAMETER INCH
INCAN INCANDESCENT
INSUL INSULATION
INT INTERIOR

J
JB JUNCTION BOX
JT JOINT

K
KD KNOCK DOWN
KO KNOCKOUT

L
L LONG
LAM LAMINATED
LAV LAVATORY
LB LAG BOLT OR LINEAR FEET
LF LINEAR BOLT OR LINEAR FEET
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
LT LIGHT OR LIGHTING

M
M METER
MAC MACHINE
MAS MASONRY
MAT'L MATERIAL
MAX MAXIMUM
MBH MOP AND BROOM HOLDER
MBR MODIFIED BITUMEN ROOFING
MC MEDICINE CABINET
MEC MECHANICAL
MEM MEMBRANE
MFR MANUFACTURER
MH MANHOLE
MIN MINIMUM
MIR-F MIRROR-FRAMED EDGE
MIR-G MIRROR-GLASS EDGE
MLD MOULDING
MM MILLIMETER
MO MASONRY OPENING
MS MOP SINK
MTD MOUNTED
MTG MOUNTING
MTL METAL

N
N NORTH
NCOM NONCOMBUSTIBLE
NIC NOT IN CONTRACT
NOM NOMINAL
NPS NOMINAL PIPE
NTS NOT TO SCALE

O
OC ON CENTER
OD OUTSIDE DIAMETER
OFCI OWNER FURNISHED/ CONTRACTOR INSTALLED
OFD OVERFLOW DRAIN
OFOI OWNER FURNISHED/ OWNER INSTALLED
OH OPPOSITE HAND OR OVERHEAD
OPG OPENING
OPP OPPOSITE
OPT OPTION OR OPTIONAL

P
PC PRECAST
PCEM PORTLAND CEMENT
PA PUBLIC ADDRESS SYSTEM
PCF POUNDS PER CUBIC FOOT
PL P.LAM PLATE PLASTIC LAMINATE
PLTR PLASTER
PLBG PLUMBING
PLF POUNDS PER LINEAR FOOT
PMR PROTECTED MEMBRANE ROOFING
PNL PANEL
PNT PAINT OR PAINTED
POL POLISHED
PR PAIR
PSF POUNDS PER SQUARE FOOT
PSI POUNDS PER SQUARE INCH
PT POINT
PTD PAPER TOWEL DISPENSER
PTD/WR PAPER TOWEL DISPENSER/ WASTE RECEPTACLE
PTM PATCH TO MATCH
PTN PARTITION
PVC POLYVINYL CHLORIDE
PVMT PAVEMENT
PWD PLYWOOD

Q
QT QUARRY TILE
QTR QUARTER
QTY QUANTITY

R
R RADIUS OR RISER
RA RETURN AIR
RCP REFLECTED CEILING PLAN
RD ROOF DRAIN
REF REFER OR REFERENCE
REFL REFLECTED
REG REGISTER
REIN REINFORCEMENT
REQ REQUIRED
RES RESILIENT
REV REVERSE
RH ROBE HOOK
RM ROOM
RO ROUGH OPENING
ROW RIGHT-OF-WAY
RSF RESILIENT SHEET FLOORING

S
S SOUTH
SA SUPPLY AIR
SAN SANITARY
SB SPLASH BLOCK
SC SOLID CORE OR SHOWER CURTAIN
SCHD SCHEDULE OR SCHEDULED
SD SOAP DISPENSER
SECT SECTION
SF SQUARE FOOT OR SQUARE FEET
SFP SPRAYED FIREPROOFING
SH SPRINKLER HEAD
SHT SHEET
SHTG SHEATHING
SIM SIMILAR
SKLT SKYLIGHT
SND SANITARY NAPKIN DISPOSAL
SNV SANITARY NAPKIN VENDOR
SP STANDPIPE
SPEC SPECIFIED OR SPECIFICATIONS
SPR SINGLE PLY ROOFING
SQ SQUARE
SR SHOWER ROD
SR/SC SHOWER ROD/ SHOWER CURTAIN
SS STAINLESS STEEL
ST SOAP TRAY
STA STATION
STC SOUND TRANSMISSION CLASS
STD STANDARD
STL STEEL
STOR STORAGE
STRU STRUCTURE OR STRUCTURAL
SUSP SUSPENDED OR SUSPENSION
SYM SYMBOL
SYN SYNTHETIC
SYS SYSTEM

T
T TREAD OR TOP
TB TOWEL BAR
TBL TOP OF BRICK LEDGE
T&B TEST AND BALANCE
TC TOP OF CURB
TD TRENCH DRAIN
TEL TELEPHONE
TERR TERRAZZO
T&G TONGUE & GROOVE
THK THICK OR THICKNESS
THRU THROUGH
TLT TOILET
TOC TOP OF CONCRETE
TOD TOP OF DECK
TOF TOP OF FOOTING
TOI TOP OF INSULATION
TOJ TOP OF JOIST
TOL TOLERANCE
TOP TOP OF PARAPET
TOS TOP OF STEEL
TOW TOP OF WALL
TPH TOILET PAPER HOLDER
TR TELEPHONE RECEPTACLE
TS TOP OF SLAB
TTB TELEPHONE TERMINAL BOARD
TV TELEVISION
TYP TYPICAL

U
UCL UNDER CABINET LIGHT
ULAY UNDERLAYMENT
UNO UNLESS NOTED OTHERWISE
UR URINAL

V
VB VAPOR BARRIER
VCT VINYL COMPOSITION TILE
VERT VERTICAL
VP VENT PIPE
VS VENT SHAFT
VT VINYL TILE
VWC VINYL WALLCOVERING

W
W WEST OR WIDE OR WIDTH
W/ WITH
WB WIND BRACE OR BRACING
WC WATER CLOSET
WCOT WAINSCOT
WD WOOD
WDO WINDOW
WH WEEPHOLE
WO WINDOW OPENING
W/O WITHOUT
WP WATERPROOFING
WR WASTE RECEPTACLE
W/R WATER RESISTIVE OR RESISTANT
WS WEATHERSTRIPPING
WT WEIGHT
WWF WELDED WIRE FABRIC

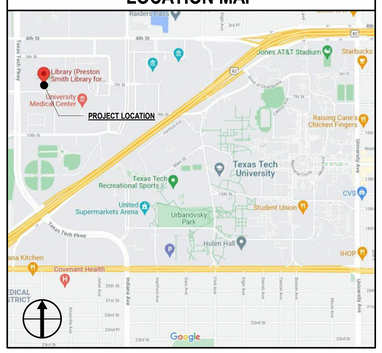
Y
YD YARD

& AND	= EQUAL	' FOOT OR FEET	
L ANGLE (RIGHT)	± PLUS OR MINUS	" INCH	
∠ ANGLE (ACUTE)	# POUND OR NUMBER	- MINUS	
@ AT	x TIMES	+ PLUS	
CL CENTERLINE	° DEGREES		

GENERAL NOTES

1. DO NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSION(S), THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT.
2. ALL DIMENSIONS ON PLANS ARE TO THE FACE OF MASONRY OR CONCRETE OR THE OUTSIDE FACE OF GYPSUM BOARD, UNLESS NOTED OTHERWISE.
3. ALL MASONRY DIMENSIONS ARE ACTUAL UNLESS NOTED OTHERWISE. VERIFY ALL DIMENSIONS, CONDITIONS, EXISTING CONSTRUCTION AND GRADES AT JOB SITE. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS.
4. VERIFY SIZE, LOCATION AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT TO BE INSTALLED OR RELOCATED (WHETHER FURNISHED BY OWNER OR BY CONTRACTOR(S)) BEFORE ANY CONSTRUCTION PERTAINING TO SAME IS BEGUN. ERRORS AND OMISSIONS IN THE ROOM, DOOR, WINDOW OR EQUIPMENT SCHEDULES DO NOT RELIEVE THE CONTRACTORS FROM EXECUTING WORK SHOWN ON DRAWINGS OR DESCRIBED IN THE SPECIFICATIONS.
5. VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS FOR STRUCTURAL, MECHANICAL AND ELECTRICAL WORK AND EQUIPMENT WITH ALL TRADES INVOLVED.
6. CEILING HEIGHTS INDICATED ON THE CONSTRUCTION DOCUMENTS ARE TAKEN FROM THE FINISH FLOOR ELEVATION. THE SIZE, LOCATION AND CHARACTERISTICS OF ALL MECHANICAL, ELECTRICAL AND STRUCTURAL ITEMS SHALL BE VERIFIED BEFORE CEILING CONSTRUCTION IS BEGUN.
7. COORDINATE WITH ALL TRADES IN ORDER TO MAINTAIN SCHEDULED CEILING HEIGHTS. VERIFY THAT REQUIRED OPERATION AND MAINTENANCE CLEARANCES ARE PROVIDED FOR ALL EQUIPMENT ITEMS.
8. DEMOLITION WORK IS ADDRESSED THROUGHOUT THE CONSTRUCTION DOCUMENTS AND IS NOT LIMITED TO THE "DEMOLITION" DRAWINGS. REMOVE ALL CONSTRUCTION ITEMS NOT REQUIRED FOR THE FINISHED NEW CONSTRUCTION, EVEN IF NOT INDIVIDUALLY ENUMERATED. MECHANICAL, ELECTRICAL, INCLUDING BUT NOT LIMITED TO CONDUIT, BOXES, PIPING, ETC., NOT REQUIRED FOR THE FINISH WORK SHALL BE REMOVED OR RE ROUTED. WORK REQUIRED FOR EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS IS NOT LIMITED TO THE RENOVATION AREA, BUT MAY OCCUR OUTSIDE THE LIMITS OF WORK AS WELL AS THE FLOORS ABOVE AND BELOW THE WORK. INCLUDE ONLY IF APPLICABLE (DEMO SCOPE)
9. ANY DAMAGE TO EXISTING SHELL BUILDING WALLS / MATERIALS OR SURFACES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION. INCLUDE ONLY IF APPLICABLE (EXISTING BUILDING)
10. ALL PENETRATIONS (PIPING, CONDUIT, DUCTWORK, ETC.) THROUGH THE STRUCTURAL ROOF DECK, WALLS, OR FLOORS SHALL BE COMPLETELY SEALED.
11. INSTALL ALL ITEMS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, EXCEPT THAT THE SPECIFICATIONS HEREIN, WHERE THE MORE STRINGENT, SHALL BE COMPLIED WITH. NOTIFY THE ARCHITECT IN WRITING OF ANY CONFLICTS.

LOCATION MAP



Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

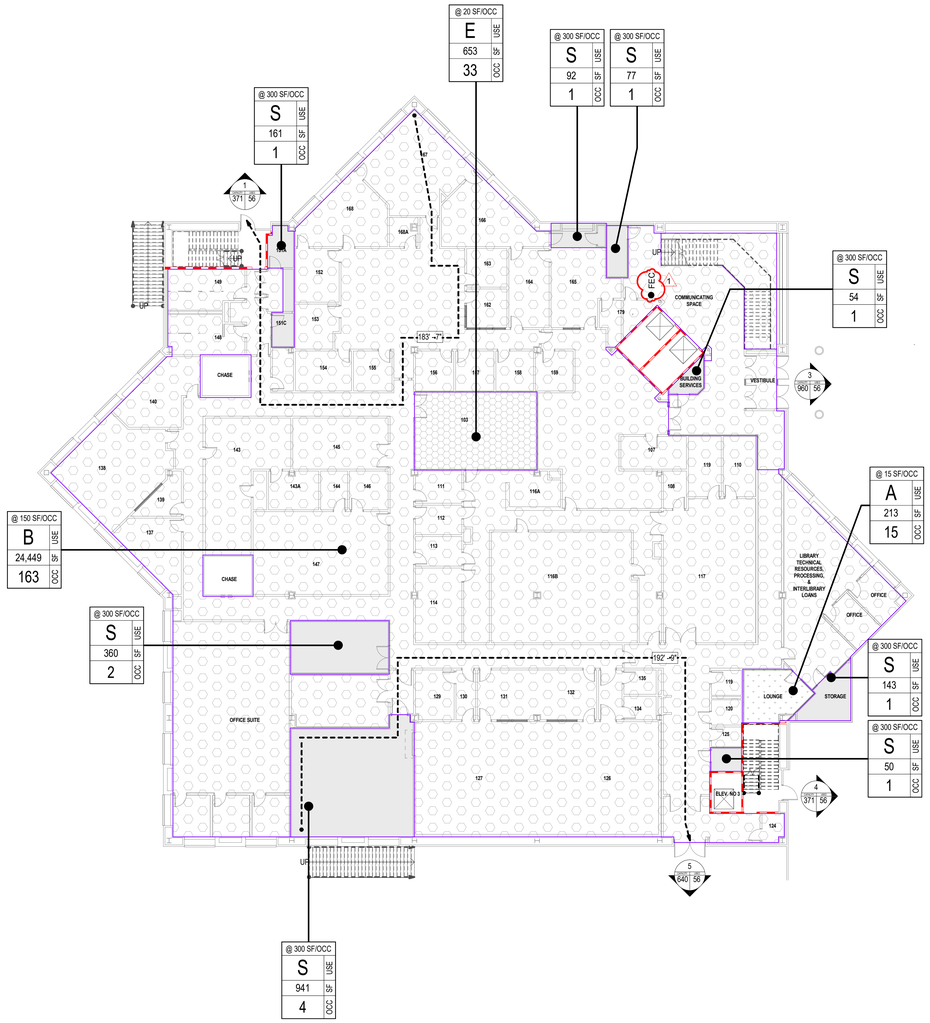
REGISTERED ARCHITECT — KATHIA FLABIANO — 10900 — STATE OF TEXAS
04/10/2025

GENERAL - PROJECT INFORMATION & CODE REVIEW

DRAWN BY: TEAM	CHECKED BY: TEAM
PROJECT NUMBER: 320026.05	PROJECT ABBREVIATION: TTUHSC-PSL-02-01
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION	DATE: 21 MAR 2025

G-001
SHEET NUMBER

FILE PATH:
USER NAME: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
DATE STAMP: 4/10/2025 9:50:47 AM



1 **ARCHITECTURAL - LIFE SAFETY PLAN - LEVEL 01**
SCALE: 1/16" = 1'-0"

LIFE SAFETY NOTES

GENERAL LIFE SAFETY /CODE INFORMATION	
QUICK RESPONSE FIRE SPRINKLERS	THROUGHOUT
MAXIMUM TRAVEL DISTANCE TO EXIT	300'
MAXIMUM DEAD END CORRIDOR	50'

LIFE SAFETY AREAS AND OCCUPANT LOADS

USE GROUP	OCCUPANCY	USE GROUP DESCRIPTION	AREA	SQFT PER OCCUPANT	OCCUPANT LOAD (TOTAL)
BASEMENT LEVEL					
S	Accessory storage areas, mechanical equipment room	Gross	10,360 SF	300	36
			10,360 SF		36
LEVEL 01					
S	(none)		436 SF		0
S	Accessory storage areas, mechanical equipment room	Gross	1,442 SF	300	9
A	Assembly Unconcentrated (tables and chairs)	Net	213 SF	15	15
B	Business Areas	Gross	24,449 SF	100	245
E	Educational Classroom Area	Net	653 SF	20	33
			27,194 SF		302
LEVEL 02					
S	Accessory storage areas, mechanical equipment room	Gross	484 SF	300	5
A	Assembly Unconcentrated (tables and chairs)	Net	4,452 SF	15	299
B	Business Areas	Gross	18,470 SF	100	185
E	Educational Classroom Area	Net	1,123 SF	20	57
E	Educational Shops & Other Vocational	Net	502 SF	50	11
B	Library - Reading Rooms	Net	1,162 SF	50	24
			26,192 SF		581
LEVEL 03					
S	Accessory storage areas, mechanical equipment room	Gross	470 SF	300	5
B	Business Areas	Gross	6,484 SF	100	66
A	Library - Reading Rooms	Net	19,323 SF	50	389
			26,278 SF		460

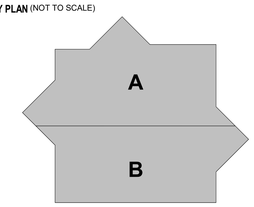
LIFE SAFETY PLAN LEGEND

SYMBOL	DESCRIPTION
	0-HOUR SMOKE BARRIER
	1-HOUR FIRE PARTITION
	1-HOUR FIRE/SMOKE PARTITION
	2-HOUR FIRE PARTITION
	2-HOUR FIRE/SMOKE PARTITION
OCCUPANCY TAG: @ 100/OCC, B (USE), 5,000 (SF), 60 (OCC)	OCC PER GSF/NSF; USE GROUP; GSF/NSF; OCC LOAD
SMOKE COMPARTMENT TAG: SC-L1A, 150 SF	SMOKE COMPARTMENT NAME; SMOKE COMPARTMENT AREA
100'	PATH OF TRAVEL & DISTANCE
2, 150 150	STAIR/EXIT DESIGNATION; ACTUAL USE; STAIR/EXIT CAPACITY
	EXIT LIGHT
	EXIT LIGHT WITH DIRECTIONAL ARROW
F	FIRE ALARM PULL STATION
F	FIRE ALARM ANNUNCIATOR
FAC	FIRE APPARATUS CABINET, FIRE HOSE AND EXTINGUISHER
FHC	FIRE HOSE CABINET
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
SP	FIRE STANDPIPE
S	SMOKE DETECTOR

USE GROUP LEGEND

A
B
E
S

KEY PLAN (NOT TO SCALE)



Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

REGISTERED ARCHITECT CYNTHIA FLABIANO 10903 STATE OF TEXAS
04/10/2025

GENERAL - LIFE SAFETY PLAN - LEVEL 01

DRAWN BY	CHECKED BY
TEAM	TEAM
PROJECT NUMBER: 320026.05	PROJECT ABBREVIATION: TTUHSC-PSL-02-01
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION	DATE: 21 MAR 2025

GL-101
SHEET NUMBER

FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/8/2025 5:20:31 PM

1 **ARCHITECTURAL - LIFE SAFETY PLAN - LEVEL 02**
SCALE: 1/16" = 1'-0"

LIFE SAFETY NOTES

GENERAL LIFE SAFETY /CODE INFORMATION	
QUICK RESPONSE FIRE SPRINKLERS	THROUGHOUT
MAXIMUM TRAVEL DISTANCE TO EXIT	300'
MAXIMUM DEAD END CORRIDOR	50'

LIFE SAFETY AREAS AND OCCUPANT LOADS

USE GROUP	OCCUPANCY	USE GROUP DESCRIPTION	AREA	SQFT PER OCCUPANT	OCCUPANT LOAD (TOTAL)
BASEMENT LEVEL					
S	Accessory storage areas, mechanical equipment room	Gross	10,360 SF	300	36
			10,360 SF		36
LEVEL 01					
S	(none)		436 SF		0
S	Accessory storage areas, mechanical equipment room	Gross	1,442 SF	300	9
A	Assembly Unconcentrated (tables and chairs)	Net	213 SF	15	15
B	Business Areas	Gross	24,449 SF	100	245
E	Educational Classroom Area	Net	653 SF	20	33
			27,194 SF		302
LEVEL 02					
S	Accessory storage areas, mechanical equipment room	Gross	484 SF	300	5
A	Assembly Unconcentrated (tables and chairs)	Net	4,452 SF	15	299
B	Business Areas	Gross	18,470 SF	100	185
E	Educational Classroom Area	Net	1,123 SF	20	57
E	Educational Shops & Other Vocational	Net	502 SF	50	11
B	Library - Reading Rooms	Net	1,162 SF	50	24
			26,192 SF		581
LEVEL 03					
S	Accessory storage areas, mechanical equipment room	Gross	470 SF	300	5
B	Business Areas	Gross	6,484 SF	100	66
A	Library - Reading Rooms	Net	19,323 SF	50	386
			26,278 SF		460

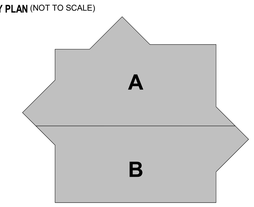
LIFE SAFETY PLAN LEGEND

SYMBOL	DESCRIPTION
	0-HOUR SMOKE BARRIER
	1-HOUR FIRE PARTITION
	1-HOUR FIRE/SMOKE PARTITION
	2-HOUR FIRE PARTITION
	2-HOUR FIRE/SMOKE PARTITION
OCCUPANCY TAG: @ 100/OCC	OCC PER GSF/NSF
OCCUPANCY TAG: B (USE)	USE GROUP
OCCUPANCY TAG: 5,000 (SF)	GSF/NSF
OCCUPANCY TAG: 60 (OCC)	OCC LOAD
SMOKE COMPARTMENT TAG: SC-L1A	SMOKE COMPARTMENT NAME
SMOKE COMPARTMENT TAG: 150 SF	SMOKE COMPARTMENT AREA
100'	PATH OF TRAVEL & DISTANCE
2 / 150 150	STAIR/EXIT DESIGNATION ACTUAL USE STAIR/EXIT CAPACITY
	EXIT LIGHT
	EXIT LIGHT WITH DIRECTIONAL ARROW
F	FIRE ALARM PULL STATION
F	FIRE ALARM ANNUNCIATOR
FAC	FIRE APPARATUS CABINET, FIRE HOSE AND EXTINGUISHER
FHC	FIRE HOSE CABINET
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
SP	FIRE STANDPIPE
S	SMOKE DETECTOR

USE GROUP LEGEND

A
B
E
S

KEY PLAN (NOT TO SCALE)



Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

REGISTERED ARCHITECT — KATIA FLABIANO — 10900 — STATE OF TEXAS
04/10/2025

GENERAL - LIFE SAFETY PLAN - LEVEL 02

DRAWN BY: TEAM	CHECKED BY: TEAM
PROJECT NUMBER: 320026.05	PROJECT ABBREVATION: TTUHSC-PSL-02-01
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION	DATE: 21 MAR 2025

GL-102
SHEET NUMBER

FILE PATH:
USER NAME: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
DATE STAMP: 4/10/2025 9:28:30 AM

GENERAL

1. THIS PROJECT DESIGN MEETS THE REQUIREMENTS OF:
   - 2021 INTERNATIONAL BUILDING CODE
2. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
3. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, BEFORE CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
4. REFER TO EXISTING DRAWINGS FOR THE BUILDING INFORMATION.
5. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LIVE LOAD OF THE STRUCTURE. PROVIDE ADEQUATE SHORING AND/OR BRACING AS REQUIRED DURING CONSTRUCTION.
6. THE STRUCTURAL CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND GENERAL NOTES REPRESENT THE IN-PLACE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE AND LIFE SAFETY DURING CONSTRUCTION. SITE VISITS, SUBMITTAL REVIEWS, AND RESPONSES TO CONTRACTOR QUESTIONS BY THE ENGINEER OF RECORD DO NOT INCLUDE INSPECTION OR OBSERVATION OF THE ABOVE.

POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS.
2. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS.
3. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS AND SHALL BE LOCATED TO AVOID CONFLICTS WITH EXISTING REBAR.
4. HOLES SHALL BE DRILLED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.
5. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE SPECIFIED SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER-OF-RECORD DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING EQUIVALENT PERFORMANCE (MINIMUM) VALUES OF THE SPECIFIED PRODUCT USING THE APPROPRIATE STANDARD(S).
6. PROVIDE SPECIAL INSPECTIONS AS REQUIRED BY THE ANCHOR'S EVALUATION REPORT (ICC-ES ESR OR IAPMO-UES ER).
7. CONTACT MANUFACTURER'S REPRESENTATIVE FOR THE INITIAL TRAINING AND INSTALLATION OF ANCHORS AND FOR PRODUCT RELATED QUESTIONS AND AVAILABILITY.
8. FOR ANCHORING INTO CRACKED AND UNCRACKED CONCRETE
   - A. MECHANICAL ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.2 AND/OR ICC-ES AC193 FOR CRACKED AND UNCRACKED CONCRETE.
   - B. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED AND UNCRACKED CONCRETE. ADHESIVE ANCHORS SHALL BE INSTALLED IN CONCRETE HAVING A MINIMUM AGE OF 21 DAYS. HOLES SHALL BE DRY AT THE TIME OF INSTALLATION. ACI 355.4 TEMPERATURE CATEGORY 'B' ASSUMED IN DESIGN. PRIOR TO INSTALLATION OF ADHESIVE ANCHORS IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS RESISTING SUSTAINED TENSION LOADS, INSTALLERS ARE REQUIRED TO BE CERTIFIED IN ACCORDANCE WITH THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM AND MUST BE CONTINUOUSLY INSPECTED.
   - C. SPECIALIZED DUST EXTRACTION SYSTEMS ARE APPROVED FOR USE TO DRILL AND CLEAN HOLES.
9. FOR ANCHORING INTO GROUT-FILLED CONCRETE MASONRY UNITS
   - A. MECHANICAL ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC01 (EXPANSION ANCHORS) OR ICC-ES AC106 (SCREW ANCHORS).
   - B. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC58.
10. FOR ANCHORING INTO HOLLOW CONCRETE MASONRY UNITS
    - A. MECHANICAL ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC106 FOR PERFORMANCE IN HOLLOW CONCRETE MASONRY.
    - B. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC58 FOR PERFORMANCE IN HOLLOW CONCRETE MASONRY USING MANUFACTURER'S RECOMMENDED SCREEN TUBES.
11. FOR ANCHORING INTO UNREINFORCED MASONRY
    - A. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC60 FOR PERFORMANCE IN UNREINFORCED MASONRY CONFIGURATIONS A, B AND C.
12. FOR ANCHORING LOW VELOCITY FASTENERS AND THREADED STUDS INTO CONCRETE, MASONRY AND STEEL
    - A. POWDER-ACTUATED FASTENERS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC70.
    - B. GAS-ACTUATED FASTENERS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC70.

STRUCTURAL STEEL

1. STRUCTURAL STEEL FOR COLUMNS AND BEAMS SHALL BE NEW DOMESTIC STEEL CONFORMING TO ASTM A992 FOR WIDE FLANGE SHAPES, ASTM A500 GRADE B FOR SQUARE AND RECTANGULAR HSS MEMBERS, ASTM A500 GRADE B FOR ROUND HSS MEMBERS AND A36 FOR CHANNELS, ANGLES, PLATES, BARS AND ANY OTHER MISCELLANEOUS SECTIONS. MEMBERS AND CONNECTIONS SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATIONS.
2. UNLESS OTHERWISE NOTED, ALL BOLTS SHALL BE 3/4" DIAMETER A325-N BOLTS. ALL CONNECTIONS NOT DETAILED SHALL BE "FRAMED BEAM CONNECTIONS" USING 3/4" DIA A325-N BOLTS AS SHOWN IN THE AISC MANUAL, 13TH EDITION. BOLTS AT MOMENT CONNECTIONS SHALL BE 3/4" DIAMETER A325-SC. BOLTS SHALL BE PROOF LOADED IN ACCORDANCE WITH ONE OF THE APPROPRIATE METHODS APPROVED BY AISC. REFER TO THE SPECIFICATIONS.
3. ALL SHOP CONNECTIONS SHALL BE WELDED, UNLESS NOTED OTHERWISE.
4. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY AND THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AND SHALL BE DONE ONLY BY CERTIFIED WELDERS. WELDER CERTIFICATIONS SHALL BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES DURING FIELD WELDING WORK.
5. ALL WELDS EXPOSED TO WEATHERING AFTER FINAL CONSTRUCTION SHALL BE GROUND SMOOTH AFTER WELDING. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PAINTING.
6. ANCHOR BOLTS SHALL BE SET WITH A TEMPLATE AND DOUBLE NUTS TO INSURE PROPER LOCATION AND ALIGNMENT. CONTRACTOR SHALL VERIFY ANCHOR BOLT PLACEMENT WITH FINAL ERECTION DRAWINGS PRIOR TO STEEL FABRICATION.
7. TOLERANCES: ANCHOR BOLTS SHALL BE SET WITHIN 1/8"OF THAT SHOWN ON THE DRAWINGS.
8. FIELD BEAM-TO-COLUMN CONNECTIONS SHALL BE WELDED AS DETAILED TO DEVELOP THE FULL MOMENT CAPACITY OF THE BEAM THROUGH THE COLUMN AT CONNECTIONS SO NOTED ON THE DRAWINGS.
9. UNLESS OTHERWISE SHOWN OR NOTED, NON-CONTINUOUS JOINTS SHALL BE DETAILED AS REQUIRED BY PART 4 OF THE AISC MANUAL - FRAMED BEAM CONNECTIONS, FOR 65% OF THE ALLOWABLE LOADS FOR BEAMS TABULATED IN PART 2 OF THE AISC MANUAL.
10. PROVIDE BOLTS AND PUNCH HOLES IN STRUCTURAL AND MISCELLANEOUS METAL FOR ATTACHMENTS/WOOD NAILERS AS REQUIRED ON THE ARCHITECTURAL, MECHANICAL OR STRUCTURAL DRAWINGS.
11. HOT DIP GALVANIZE ALL STRUCTURAL STEEL EXPOSED TO THE WEATHER.
12. ALL STEEL EXPOSED TO INTERIOR SPACE SHALL BE AESS.
13. ALL FULL PENETRATION WELDS SHALL BE TESTED.
14. HSA MUST BE SECURELY FASTENED TO BEAM FLANGE. IN CASE WHERE ONLY A SINGLE ROW OF STUDS ARE REQUIRED HSA MUST BE PLACED DIRECTLY OVER BEAM WEB.

FORMWORK

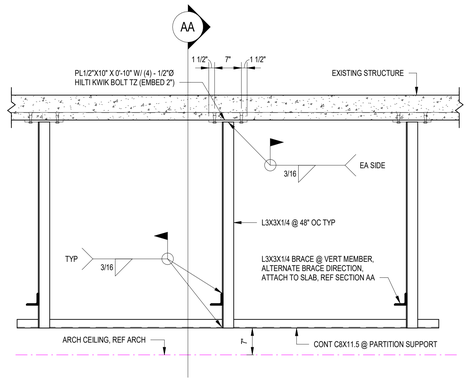
1. FORMWORK AND THEIR SUBMITTALS SHALL COMPLY WITH ACI 347R - RECOMMENDED PRACTICE FOR CONCRETE FORMWORK.
2. ANCHOR BOLTS AND EMBEDDED PLATES SHALL BE SET WITH SECURELY FASTENED TEMPLATES.
3. PROVIDE CHAMFER STRIPS IN FORMS AT ALL CORNERS, EXPANSION JOINTS, AND END OF WALLS AND BEAMS. REFERENCE ARCHITECTURE.

SHOP DRAWINGS

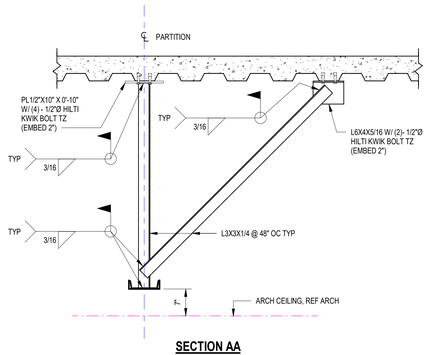
1. ANY SHOP DRAWING NOT CHECKED AND INITIALED BY THE SUPPLIER/DETAILER PRIOR TO SUBMITTING FOR ARCHITECTURAL AND ENGINEERING REVIEW, WILL BE RETURNED WITHOUT REVIEW.
2. THE CONSTRUCTION DOCUMENTS MAY NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS.
3. ELECTRONIC FILES OF CONSTRUCTION DOCUMENTS WILL NOT BE MADE AVAILABLE FOR USE AS SHOP DRAWINGS.

SPECIAL INSPECTION

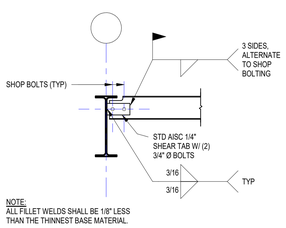
1. THE OWNER SHALL ENGAGE A QUALIFIED TESTING LAB TO PROVIDE THE SPECIAL INSPECTIONS REQUIRED BY CODE.
2. REFER TO IBC CHAPTER 17 FOR SPECIAL INSPECTIONS.



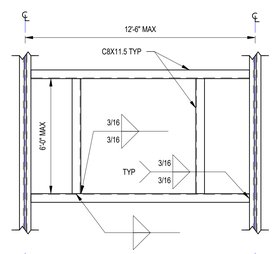
4 **PARTITION SUPPORT**
SCALE: 3/4" = 1'-0"



SECTION AA

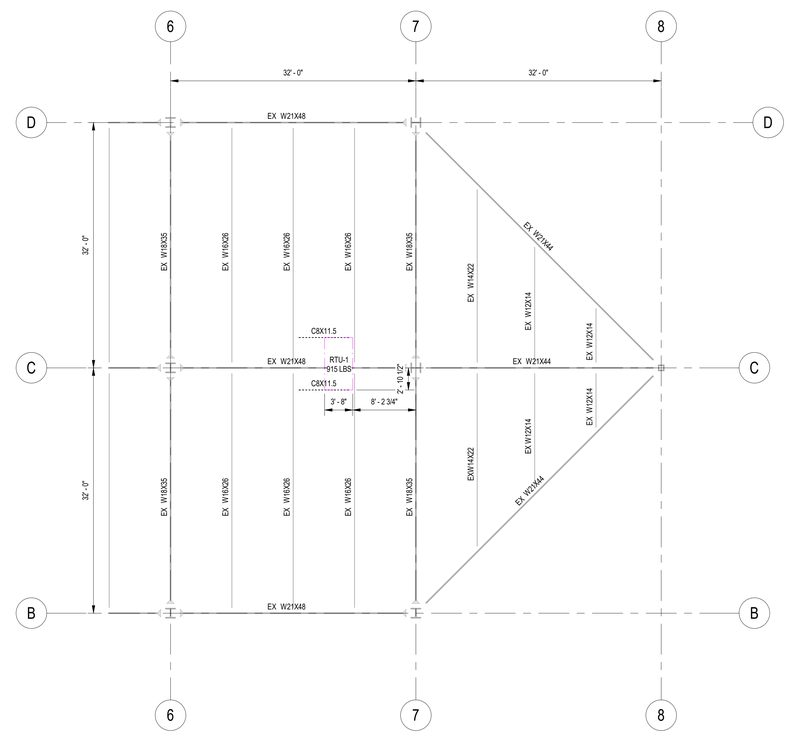


3 **CHANNEL TO BEAM SHEAR CONNECTION**
SCALE: 3/4" = 1'-0"



2 **FRAME DETAIL FOR ROOF OPENINGS**
SCALE: 3/4" = 1'-0"

PLAN NOTES:
1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS IN THE FIELD & NOTIFY EOR IF CONDITIONS VARY.
2. DO NOT DAMAGE EXISTING STRUCTURAL FRAMING.
3. THE LOCATION OF ALL FLOOR PENETRATION, DRAIN SUMPS, ETC. SHALL BE VERIFIED AND COORDINATED WITH OTHER TRADES. NO OPENING SHALL INTERFERE WITH STRUCTURAL ELEMENTS UNLESS COORDINATED WITH STRUCTURAL ENGINEER IN WRITING.
4. EXISTING FRAMING ("EX") SHOWN AS HALFTONE TYP.
5. LOCATE & AVOID EXISTING FRAMING/REINFORCING BY NON-DESTRUCTIVE BEAMS PRIOR TO ANCHOR INSTALLATION TYP.



1 **ROOF LEVEL - AHU FRAMING**
SCALE: 1/8" = 1'-0"

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE

PROFESSIONAL SEALS

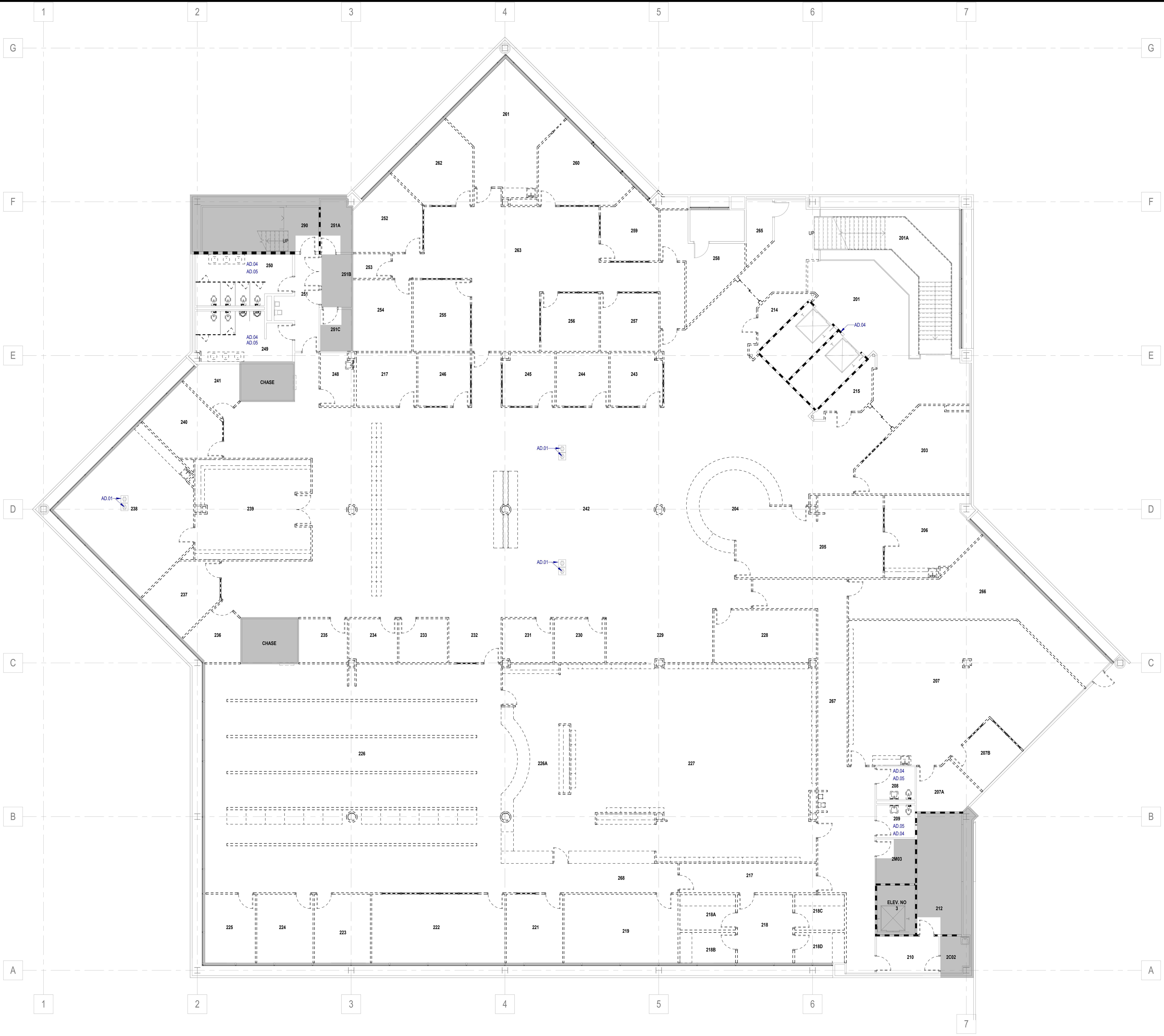
STATE OF TEXAS
Brad F. Cheshire
86890
LICENSED
PROFESSIONAL ENGINEER
4/4/25

STRUCTURAL LEGENDS, ABBREVIATIONS, & GENERAL NOTES

DRAWN BY LYK	CHECKED BY RW
PROJECT NUMBER 320026.05	PROJECT ABBREVIATION TTUHSC-PSL-02-01
ORIGINAL ISSUE ADDENDUM 02	DATE 04 APR 2025

S-010
SHEET NUMBER

FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-S-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/4/2025 10:47:21 AM



1 **ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02**
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES

1. COORDINATE ALL DEMOLITION WITH THE INFORMATION PROVIDED IN THIS SET OF CONTRACT DOCUMENTS.
2. ALL MATERIAL TO BE DEMOLISHED AND REMOVED SHALL BE DISPOSED OF AS APPROVED BY LOCAL ORDINANCE AND CODES.
3. THE EXISTING AREAS TO REMAIN SHALL BE PROTECTED. ALL DAMAGE RESULTING FROM WORK IN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE. CAREFULLY DISMANTLE AND REMOVE MATERIALS SHOWN ON PLANS TO BE DEMOLISHED. NOTIFY ARCHITECT PRIOR TO CONSTRUCTION OF ANY DEMOLITION WORK THAT MAY DAMAGE THE INTEGRITY OF ANY MATERIALS WHICH ARE TO REMAIN AS EXISTING.
4. PARTS OF THIS BUILDING WILL BE ACTIVE, THE CONTRACTOR SHALL COORDINATE ALL SYSTEM SHUT DOWNS WITH THE FACILITY MANAGER. THE CONTRACTOR SHALL INFORM THE FACILITY MANAGER OF SCHEDULE, DURATION AND AREAS AFFECTED AND SHALL RECEIVE OWNER APPROVAL PRIOR TO SHUT DOWN COMMENCEMENT.
5. THE PREMISES IN WHICH WORK IS BEING PERFORMED SHALL BE KEPT CLEAN AT ALL TIMES.
6. EXISTING CONCRETE SLABS INTENDED TO REMAIN SHALL BE REPAIRED AND FLOATED LEVEL W/ SURROUNDING SLABS AND PREPARED TO RECEIVE NEW FINISH.
7. DOORS, FRAMES, HARDWARE, PLUMBING AND ELECTRICAL DEVICES AND FIXTURES, ETC. NOT REUSED SHALL BE DELIVERED TO OWNER, COORDINATE THIS WITH THE OWNER.
8. REMOVE ALL CONDUCTORS, CONDUIT AND BOXES BACK TO PANEL IN RENOVATED AREA REMOVE ALL RELATED STRAPS AND HANGERS - RE: ELECTRICAL DRAWINGS FOR MORE INFORMATION.
9. REMOVE ALL PLUMBING FROM RENOVATED AREA TO NEAREST JUNCTURE WHERE THE LINE IS STILL USED AND CAP. REMOVE RELATED UNUSED STRAPS AND HANGERS, RE: PLUMBING DRAWINGS FOR MORE INFORMATION. PLUMBING LINE SERVING OTHER AREAS SHALL BE KEPT. CONTRACTOR IS TO VERIFY PLUMBING LINES PRIOR TO DEMOLITION. RE: PLUMBING DRAWINGS FOR MORE INFORMATION.
10. REMOVE ALL HVAC DUCTWORK IN RENOVATED AREA TO NEAREST JUNCTURE WHERE THE DUCT IS STILL IN USE AND CAP AS REQUIRED. REMOVE ALL RELATED STRAPS AND HANGERS. RE: MECHANICAL DRAWINGS FOR MORE INFORMATION.
11. DURING CONSTRUCTION, MAINTAIN NEGATIVE AIR PRESSURE ON CONSTRUCTION ZONE WHILE MAINTAINING POSITIVE PRESSURE ON THE NON-CONSTRUCTION ZONE.
12. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE. IDENTIFY AND PROTECT AGAINST DAMAGE DURING DEMOLITION. THE CONTRACTOR IS TO REFERENCE THE CIVIL DOCUMENTS AND TO NOTIFY THE OWNER, ARCHITECT, AND CIVIL ENGINEER IF ANY UTILITIES ARE UNCOVERED DURING THE DEMOLITION PHASE THAT ARE NOT IDENTIFIED IN THE DOCUMENTS PROVIDED.
13. REMOVE EXISTING CEILINGS AND CEILING SUPPORT SYSTEM WHERE NEW CEILINGS ARE INDICATED, UNLESS NOTED OTHERWISE.
14. REMOVE EXISTING FINISHES AS REQUIRED AS PER FINISH MANUFACTURE'S PRINTED INSTRUCTIONS, SEE FINISH SCHEDULE FOR NEW FINISHES.
15. PROTECT EXISTING FIRE PROOFING OR FIRE ASSEMBLIES INDICATED TO REMAIN, DAMAGE DURING DEMOLITION SHALL BE REPAIRED TO CONFORM TO ORIGINAL FIRE PROTECTION REQUIREMENTS.
16. AREA OR OBJECTS IDENTIFIED AS "EXISTING TO REMAIN" OR " NOT IN CONTRACT" - "N.I.C." SHALL BE PROTECTED. ALL DAMAGE TO THESE AREAS RESULTING FROM DEMOLITION WORK WITHIN THIS CONTRACT SHALL BE RETURNED TO ITS ORIGINAL STATE.
17. ALL INFORMATION REGARDING EXISTING CONDITIONS IS BASED ON OWNER SUPPLIED DOCUMENTS AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN DRAWINGS DEPICTING EXISTING CONDITIONS OR UPON DISCOVERY OF UNKNOWN CONDITIONS DETRIMENTAL TO THE COMPLETION OF THE WORK AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT, IN WRITING, OF THE CONDITIONS IN QUESTION BEFORE PROCEEDING WITH THE WORK IN THAT AREA.
18. COORDINATE ALL DEMOLITION FROM ALL DISCIPLINES WITH THE INFORMATION PROVIDED ON CONTRACT DOCUMENTS.
19. COORDINATE OWNER WALK THROUGH TO IDENTIFY AL ITEMS TO BE SALVAGED FOR THE OWNER'S RE-USE. INCLUDING BUT NOT LIMITED TO MEDICAL EQUIPMENT, FRAMED DOCUMENTS, SIGNS/GRAPHIC ART, HISTORICAL COLLECTIBLES, ETC. REMOVE ITEMS THUS IDENTIFIED AND GIVE TO THE OWNER, OR STORE FOR RE-USE AT PER OWNERS DIRECTION.
20. THIS PLAN IS BEING ISSUED FOR THE PURPOSE OF ASSISTING THE CONTRACTOR IN BETTER UNDERSTANDING THE PROJECT SCOPE. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILITY TO VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.
21. **CONTRACTOR TO EVALUATE EXISTING FIREPROOFING AFTER DEMOLITION AND REPAIR AS NEEDED.**
22. ALL EXISTING CEILING WITHIN SCOPE OF WORK TO BE DEMOLISHED AND REPLACED PER AC-101 AND AC-102.
23. ALL EXISTING FLOORING WITHIN SCOPE OF WORK TO BE DEMOLISHED AND REPLACED PER AI-101 AND AI-102.

KEYED NOTES

NUMBER	DESCRIPTION
AD.01	EXISTING FLOOR BOX AND COVER TO REMAIN; REF. ELEC.
AD.04	ALL EXISTING TILE WALL FINISH TO BE DEMOLISHED
AD.05	GC TO REVIEW RESTROOM WALL, TOILET PARTITION LAYOUT, AND FIXTURE LAYOUT WITH ARCHITECT FOLLOWING DEMOLITION TO ENSURE DESIGN INTENT AND TAS CLEARANCE COMPLIANCE DURING BUILD BACK.

DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION
- - - - - (dashed)	EXISTING CONSTRUCTION TO BE DEMOLISHED
——— (solid)	EXISTING CONSTRUCTION TO REMAIN

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

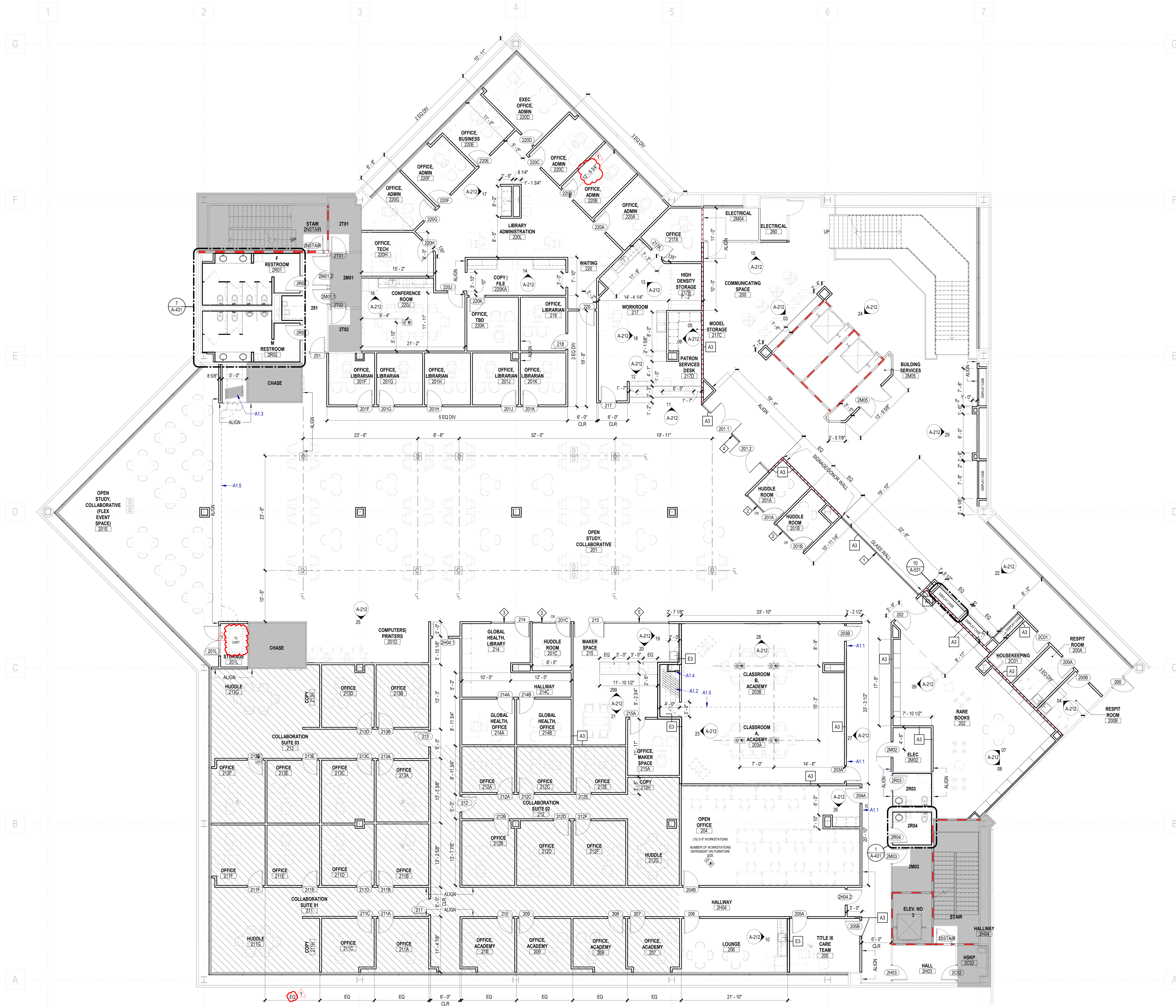
REGISTERED ARCHITECT · MATTIA FLABIANO III · 10900 · STATE OF TEXAS
04/10/2025

ARCHITECTURAL - DEMOLITION PLAN - LEVEL 02

DRAWN BY	CHECKED BY
TEAM	TEAM
PROJECT NUMBER	**PROJECT ABBREVIATION**
320026.05	TTUHSC-PSL-02-01
ORIGINAL ISSUE	**DATE**
ISSUE FOR CONSTRUCTION	21 MAR 2025

AD-102
SHEET NUMBER

FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/8/2025 5:20:27 PM



ARCHITECTURAL - OVERALL FLOOR PLAN - LEVEL 02

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

FLOOR PLAN GENERAL NOTES

1. ALL UNMARKED PARTITIONS ARE TYPE C3. ALL COLUMN AND CHASE FURRING TO BE PARTITION TYPE F3.
2. ALL WINDOW & DOOR PLAN OPENINGS ARE DIMENSIONED ON AREA PLANS.
3. FOR FIRE AND LIFE SAFETY PLANS, REFER TO G1 DRAWINGS.
4. REFER TO A2 SERIES DRAWINGS, EXTERIOR ELEVATIONS, A3 BUILDING AND WALL SECTIONS.
5. REFER TO A6 SERIES FOR ALL PARTITIONS, DOORS, WINDOWS, AND ACCESSORIES.
6. INSTALL APPROPRIATE MANUFACTURED EXPANSION JOINT COVERS AT ALL VISIBLE BUILDING EXPANSION JOINTS. TOP OF COVER OF FLOOR EXPANSION JOINT COVERS TO BE FLUSH WITH TOP OF FINISHED FLOOR.
7. ALL PLAN DIMENSIONS ARE TAKEN TO THE CENTERLINE OF COLUMNS AND TO THE OUTERMOST SURFACE OF THE WALL (INCLUDING TILE, STONE, PLASTER, ETC. EXCLUDING TRIM) UNLESS NOTED OTHERWISE.
8. PARTITIONS AT PERIMETER WALL ARE TO BE CENTERED ON MULLION OR COLUMN, U.N.O.
9. INSTALL BLOCKING AS REQUIRED TO SUPPORT WALL MOUNTED DEVICES.
10. AT ALL SPANDREL GLASS LOCATIONS, FACE OF INTERIOR WALL TO BE CONTINUOUS WITH ADJACENT WALL.
11. EQUIPMENT AND APPLIANCES SHOWN FOR REFERENCE ONLY. OWNER TO PROCURE PRODUCTS. GC TO COORD WITH OWNER FOR FINAL PRODUCT LOCATIONS AND SUPPLY NEEDS PRIOR TO COMPLETION OF WALL ROUGH-IN.
12. FURNITURE LAYOUT SHOWN FOR REFERENCE ONLY. GC TO COORD WITH OWNER'S FURNITURE VENDOR FOR FINAL LAYOUT.
13. FLOOR AND FURNITURE FEED LOCATIONS SHOWN FOR REFERENCE ONLY. GC TO COORD WITH OWNER'S FURNITURE VENDOR FOR FINAL REQUIREMENTS AND LOCATIONS. FURNITURE VENDOR TO VERIFY LOCATIONS IN THE FIELD PRIOR TO INSTALL.

KEYED NOTES

NUMBER	DESCRIPTION
A1.1	BOOKING SYSTEM SCREEN. REF. SPECS
A1.2	MANUAL MOVEABLE WALL. MODERNFOLD ACOUSTI-SEAL ENCORE 56 STC, 9'-10" HEIGHT. STORAGE POCKET DOOR PROVIDED BY MFR.
A1.3	MANUAL MOVEABLE GLASS PANEL WALL. MODERNFOLD PUREVIEW FSW-C 15 STC, 9'-10" MAX HEIGHT. STORAGE POCKET DOOR PROVIDED BY MFR.
A1.4	FURR OUT COLUMN TO PROTECT FIRE PROOFING WITH MINIMAL FOOTPRINT. GC TO COORD FURR OUT WITH CLEARANCE REQUIREMENTS OF MOVEABLE PARTITION STACK.
A1.5	OVERHEAD TRACK OF SPECIFIED OPERABLE PARTITION TO HAVE ABOVE CEILING STRUCTURE PROVIDED BY GC. PROVIDE TUBE STEEL FRAMING AT 4'-0" O.C. SUPPORTED FROM THE EXISTING LEVEL 03 WIDE FLANGE FRAMING. ANGLES WILL RUN CONTINUOUSLY ON EACH SIDE OF THE BOTTOM OF THE TUBES TO ACCOMMODATE HANGING RODS FROM THE PARTITION ASSEMBLY. DIAGONAL KICKERS

ADD ALTERNATE SCOPE

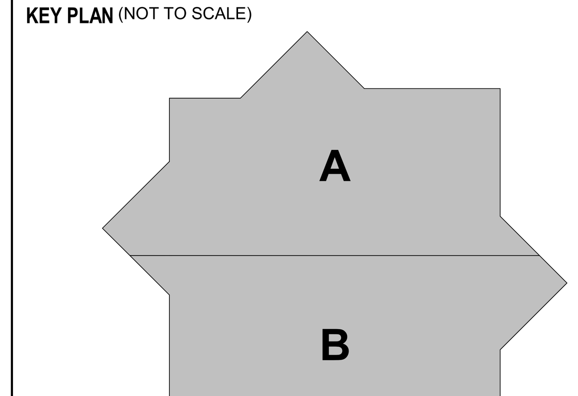
ADD ALTERNATE 02

GC TO PRICE WALL AND DOOR SCOPE FOR HATCHED AREA SEPARATELY FOR OWNER REVIEW AND APPROVAL AGAINST COST OF DEMOUNTABLE WALLS. FLOORING, CEILING, LIGHTING SCOPE TO REMAIN THE SAME. ELECTRICAL SCOPE WOULD REVISE FROM IN WALL POWER TO POWERING DEMOUNTABLE WALL SOLUTION.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
A1.1	KEYED NOTE KEYED NOTES ONLY APPLY TO THIS SHEET
A1 X	PARTITION TAG REFER TO PARTITION SCHEDULE
1 / A-301	BUILDING SECTION TAG WALL SECTION TAG
1 / A-201	EXTERIOR ELEVATION TAG
1 A-211	INTERIOR ELEVATION TAG
	NOT IN SCOPE
1 / A-431	PLAN REFERENCE TAG
ROOM NAME / 101	ROOM NAME ROOM NUMBER
	0-HOUR SMOKE BARRIER 1-HOUR FIRE PARTITION 1-HOUR FIRE/SMOKE PARTITION 2-HOUR FIRE PARTITION 2-HOUR FIRE/SMOKE PARTITION
1002 NEW DOOR WITH DOOR TAG REF DOOR SCHED	28 NEW WINDOW WITH WINDOW MARK REF GLAZING ELEVATIONS
A — EXISTING COLUMN GRID DESIGNATIONS	A — NEW COLUMN GRID DESIGNATIONS

KEY PLAN (NOT TO SCALE)



Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

REGISTERED ARCHITECT MATTIA FLABIANO III 10900 STATE OF TEXAS 04/10/2025

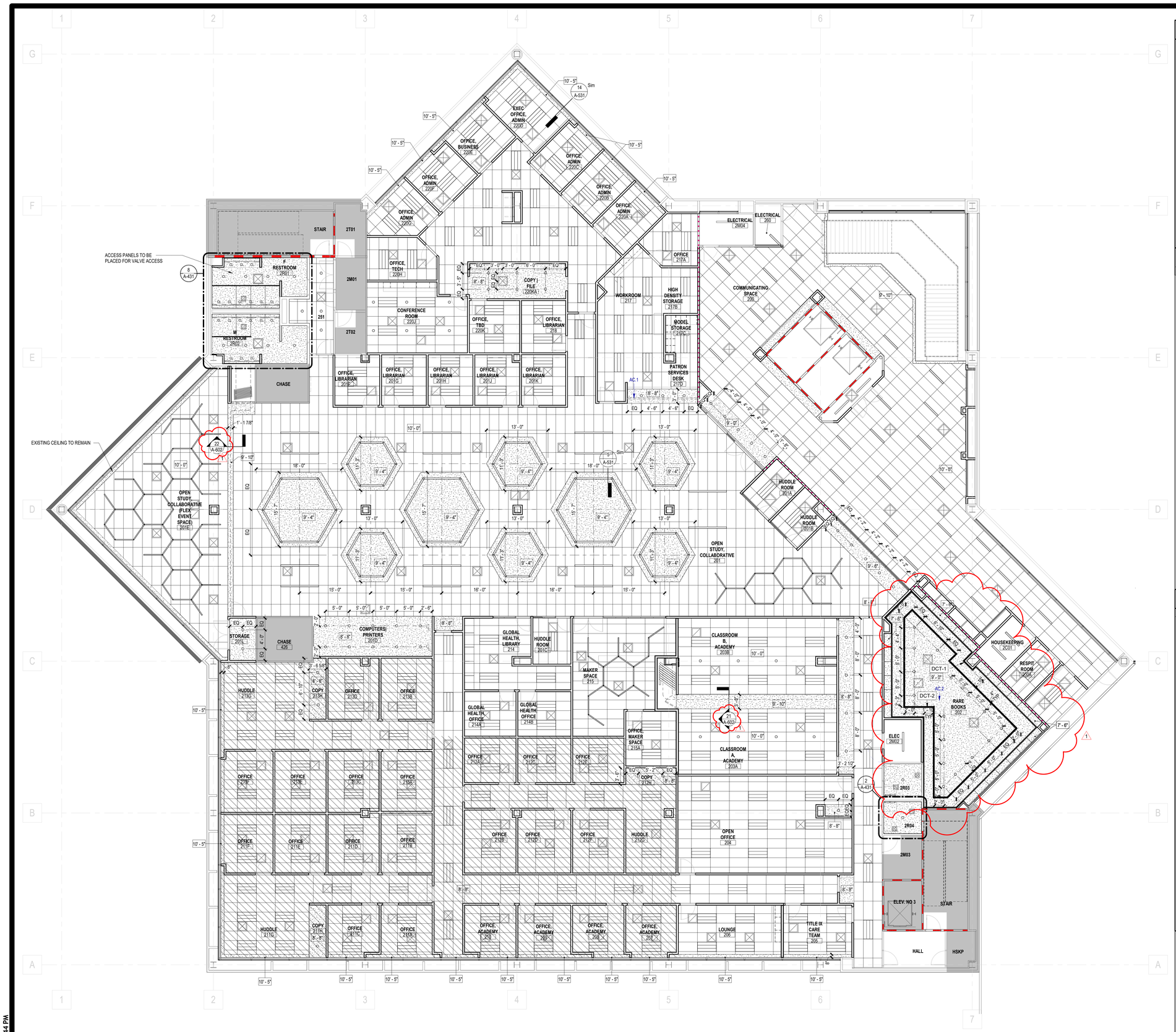
ARCHITECTURAL - FLOOR PLAN - LEVEL 02

DRAWN BY	CHECKED BY
TEAM	TEAM
PROJECT NUMBER	PROJECT ABBREVIATION
320026.05	TTUHSC-PSL-02-01
ORIGINAL ISSUE	DATE
ISSUE FOR CONSTRUCTION	21 MAR 2025

A-102

SHEET NUMBER

FILE PATH Autodesk Docs://320026-TexasTech-HSC-L-PSL-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME
DATE STAMP 4/8/2025 5:19:49 PM



1 ARCHITECTURAL - OVERALL REFLECTED CEILING PLAN - LEVEL 02
SCALE: 1/8" = 1'-0"

CEILING PLAN GENERAL NOTES

1. ALL CEILINGS HEIGHTS IN "CORRIDORS/HALLS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
2. ALL ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN ROOM UNLESS NOTED OTHERWISE.
3. ALL CORRIDOR ACOUSTICAL CEILING GRIDS TO BE CENTERED WITHIN THE CORRIDOR, UNLESS NOTED OTHERWISE.
4. ALL 'CAN' LIGHT FIXTURES TO BE CENTERED WITHIN ACOUSTICAL CEILING TILES.
5. ALL 'CAN' LIGHT FIXTURES IN TOILET ROOMS TO BE CENTERED.
6. ALL GYP. BOARD FURRDOWN TO BE 7'-2" AFF; REFER TO A-2 SERIES FOR INTERIOR ELEVATIONS UNLESS NOTED OTHERWISE.
7. ALL CEILINGS HEIGHTS IN "TOILET ROOMS" SHALL BE 9'-0" AFF UNLESS NOTED OTHERWISE.
8. ALL CEILINGS HEIGHTS NOT MARKED SHALL BE 9'-0" AFF.
9. ALL DIFFUSERS AND AIR GRILLES SHALL BE PAINTED TO MATCH THE WALL OR CEILING THEY ARE INSTALLED IN U.N.O.

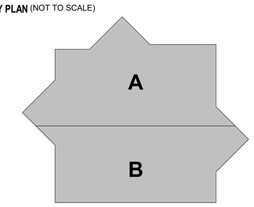
KEYED NOTES

NUMBER	DESCRIPTION
AC.1	MANUAL ROLL UP SECURITY GRILL AS SPECIFIED.
AC.2	A NEW RTU TO SUPPORT THE RARE BOOKS ROOM IS PLANNED AT THE EXISTING ROOM. REF. MECHANICAL DRAWINGS. STRUCTURAL STEEL FRAMING IS ANTICIPATED TO ACCOMODATE REQUIRED ROOF PENETRATIONS AND THE RTU MECHANICAL CURB (BY MFR, REF MECH).

CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	24"x24" LIGHT FIXTURE
	48"x24" LIGHT FIXTURE
	48"x12" LIGHT FIXTURE
	ACCESS PANEL
	SUPPLY
	RETURN
	EXHAUST
	SLOT DIFFUSER
	PENDANT DOWNLIGHT (CORRIDORS & RECEPTION DESKS)
	DOWNLIGHT
	STRIP LIGHT
	WALL MOUNTED FIXTURE
	COVE LIGHT
—UCL— —UCL—	UNDERCABINET LIGHT
	2'x2' ACOUSTIC CEILING TILE
	GYPSUM CEILING
	WOOD LAMINATE CEILING
	WOOD SLAT CEILING
	RECLAIMED WOOD CEILING
EXP	EXPOSED TO DECK
	NOT IN CONTRACT (NIC)
N	NURSE CALL LIGHT
	24"x48" 3in1 FLUORESCENT LIGHT FIXTURE

KEY PLAN (NOT TO SCALE)



Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

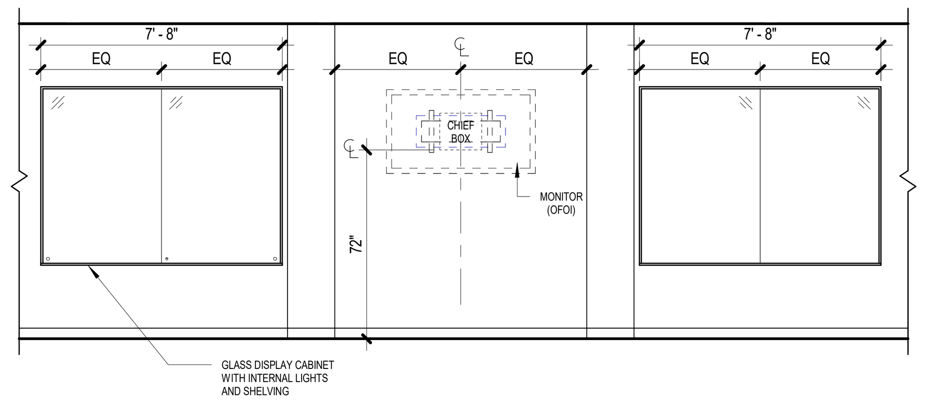
REGISTERED ARCHITECT CYNTHIA FLABIANO 10900 STATE OF TEXAS
04/10/2025

ARCHITECTURAL - REFLECTED CEILING PLAN - LEVEL 02

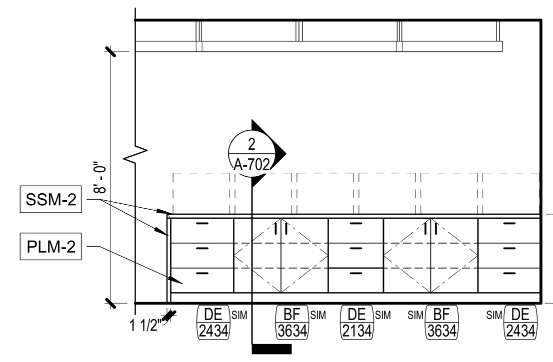
DRAWN BY	CHECKED BY
TEAM	TEAM
PROJECT NUMBER	PROJECT ABBREVIATION
320026.05	TTUHSC-PSL-02-01
ORIGINAL ISSUE	DATE
ISSUE FOR CONSTRUCTION	21 MAR 2025

AC-102
SHEET NUMBER

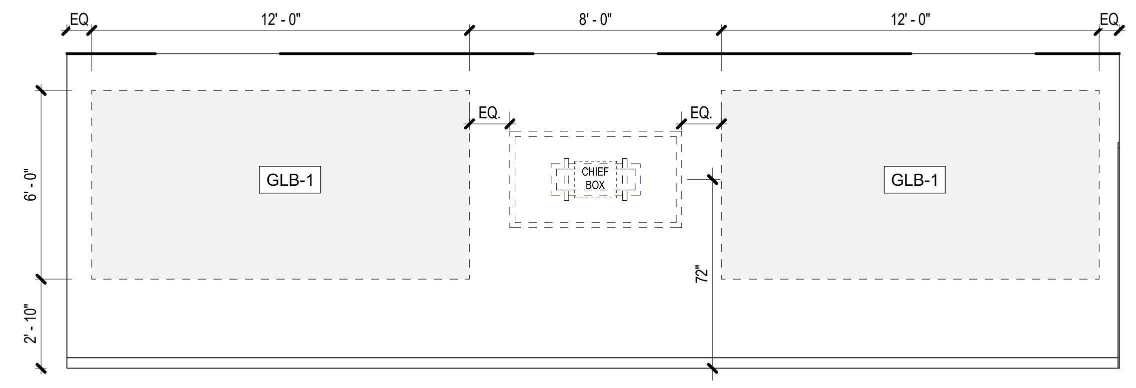
FILE PATH:
USER NAME: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
DATE STAMP: 4/9/2025 6:30:44 PM



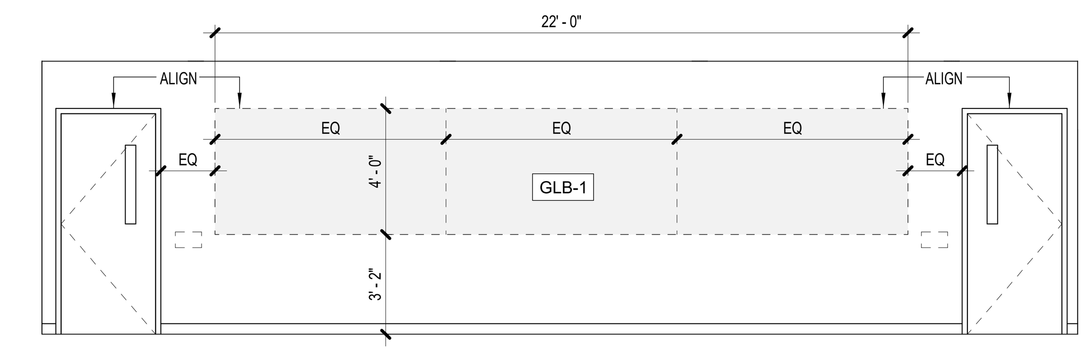
29 LEVEL 2 COMMUNICATING SPACE - DISPLAY CASE
SCALE: 1/4" = 1'-0"



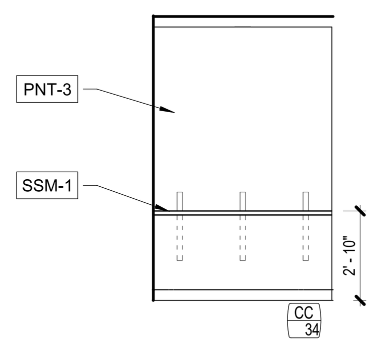
299 MAKER SPACE- NORTH
SCALE: 1/4" = 1'-0"



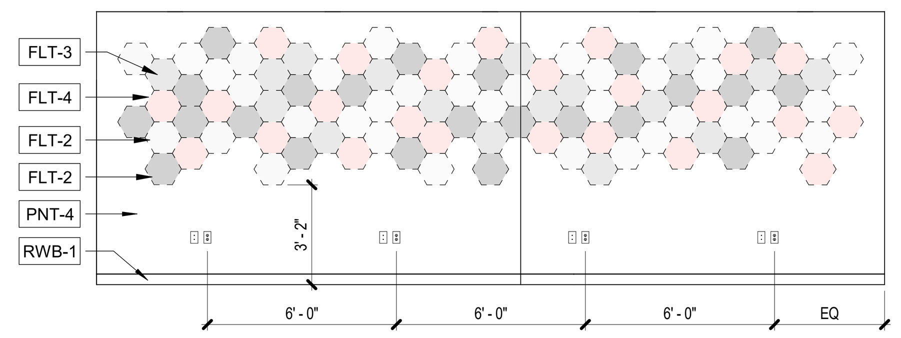
28 CLASSROOM B - NORTH
SCALE: 1/4" = 1'-0"



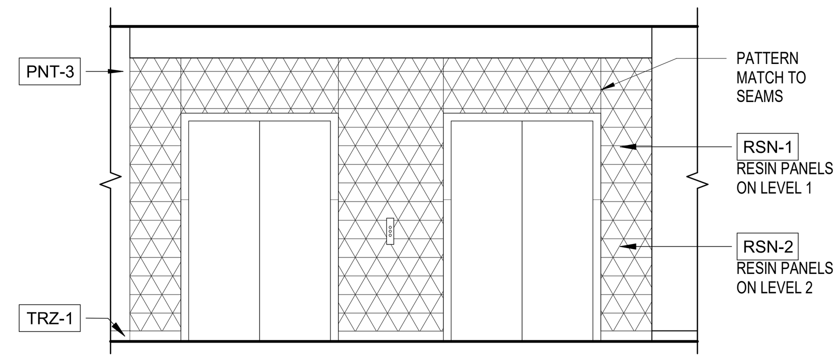
27 CLASSROOM WAITING, GLASS BOARD
SCALE: 1/4" = 1'-0"



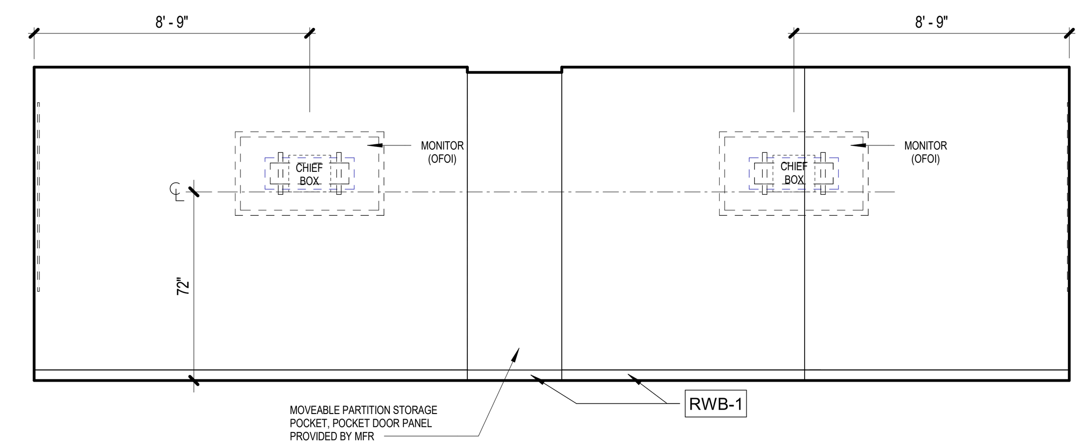
26 OPEN OFFICE- COUNTER
SCALE: 1/4" = 1'-0"



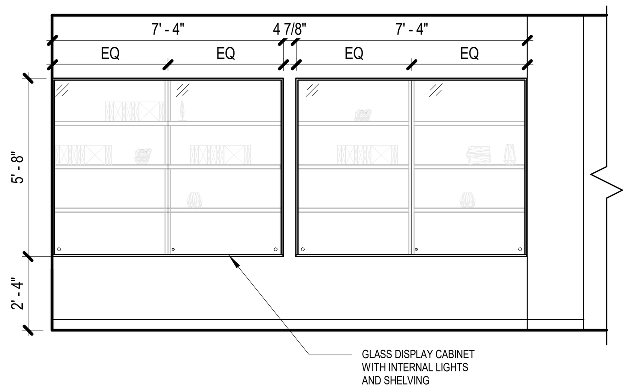
25 COMPUTER/PRINTER NICHE- FELT WALL
SCALE: 1/4" = 1'-0"



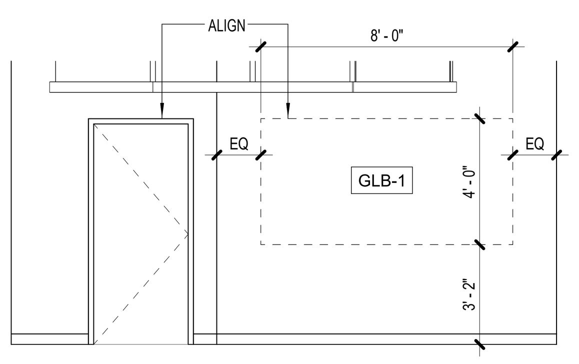
24 ELEVATOR DOORS
SCALE: 1/4" = 1'-0"



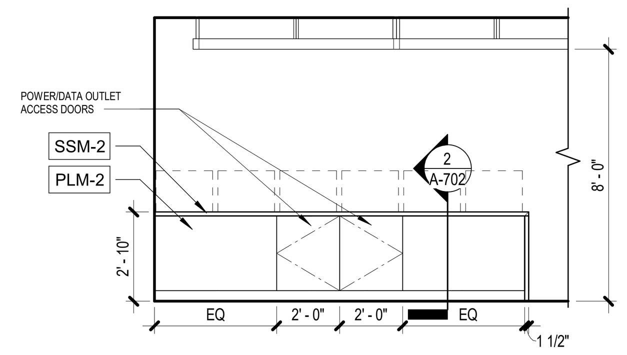
23 CLASSROOMS A & B - WEST
SCALE: 1/4" = 1'-0"



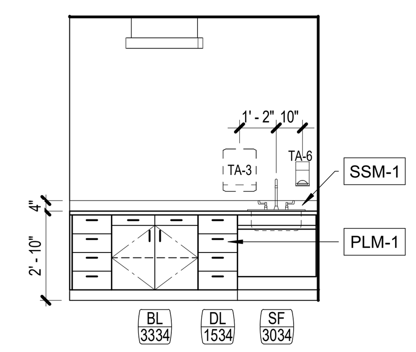
22 LEVEL 2 COMMUNICATING SPACE - DISPLAY CASE
SCALE: 1/4" = 1'-0"



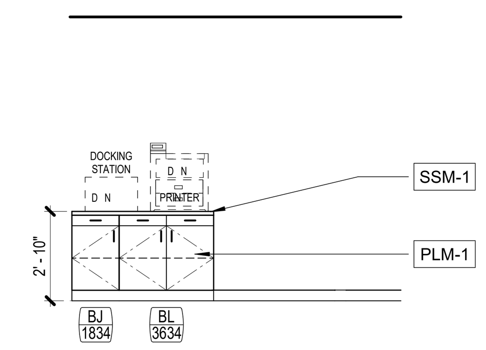
21 MAKER SPACE - SOUTH WALL
SCALE: 1/4" = 1'-0"



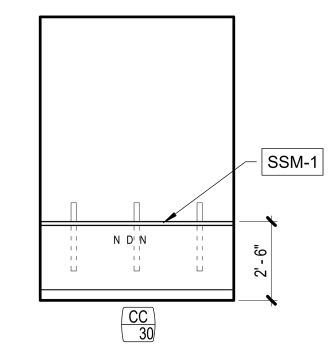
20 MAKER SPACE - SOUTH
SCALE: 1/4" = 1'-0"



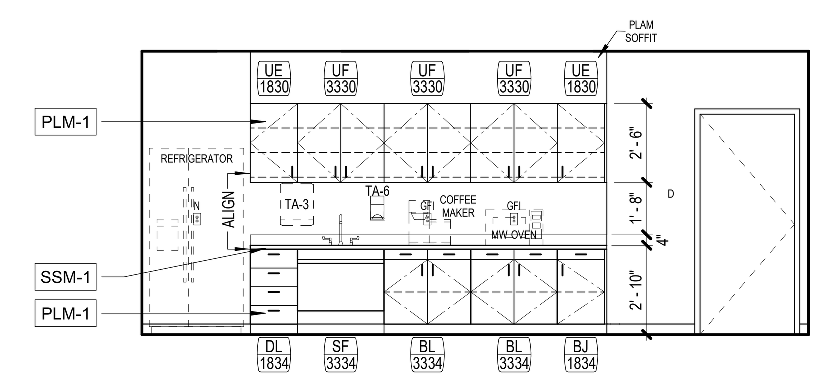
19 MAKER SPACE - EAST
SCALE: 1/4" = 1'-0"



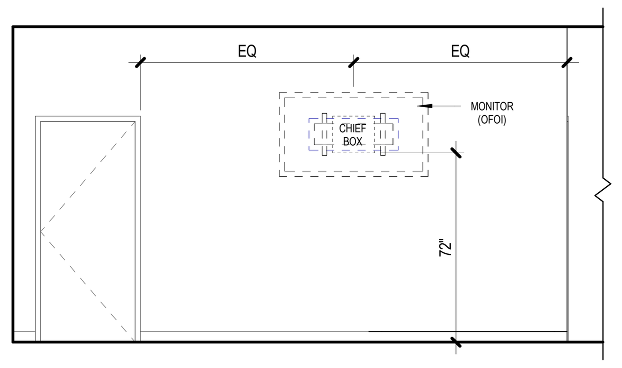
18 WORKROOM - EAST
SCALE: 1/4" = 1'-0"



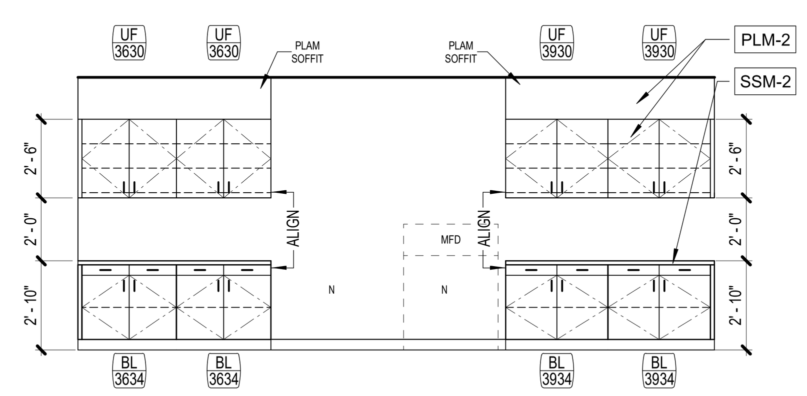
17 LIBRARY WORKSTATION
SCALE: 1/4" = 1'-0"



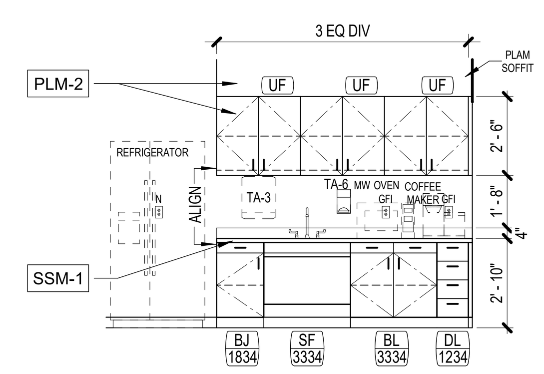
16 LIBRARY ADMIN CONFERENCE
SCALE: 1/4" = 1'-0"



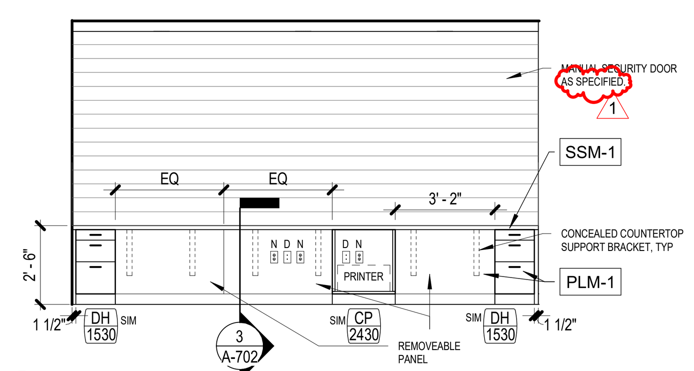
15 COMMUNICATION SPACE - NORTH
SCALE: 1/4" = 1'-0"



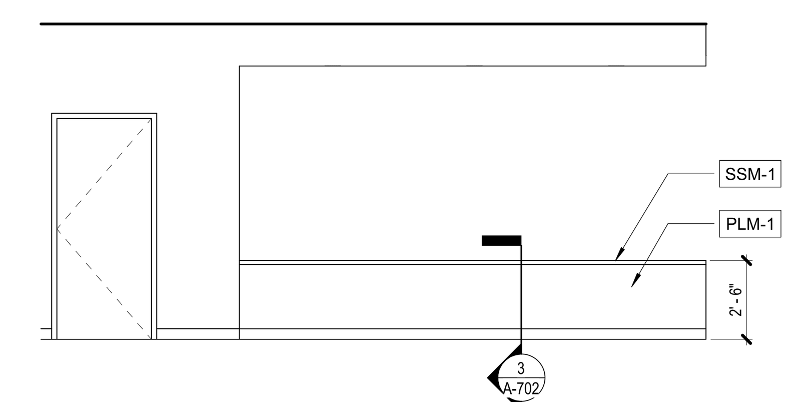
14 LIBRARY ADMIN COPY/FILE
SCALE: 1/4" = 1'-0"



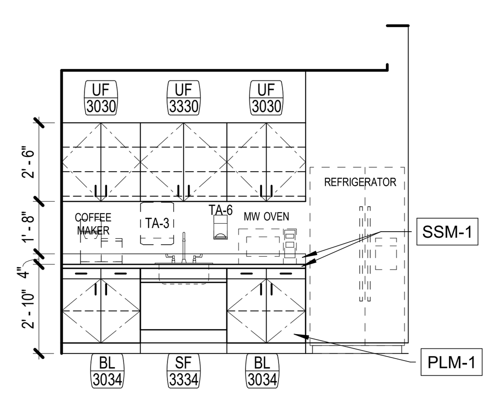
13 LIBRARY ADMIN WORKROOM - NORTHWEST
SCALE: 1/4" = 1'-0"



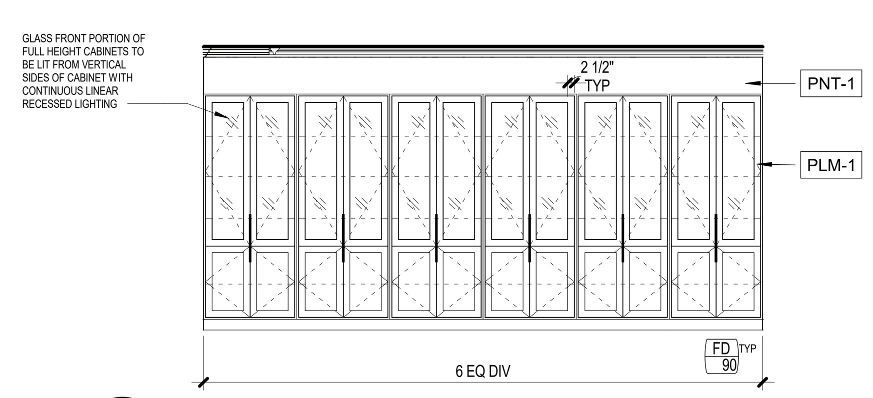
12 PATRON SERVICES - SOUTH
SCALE: 1/4" = 1'-0"



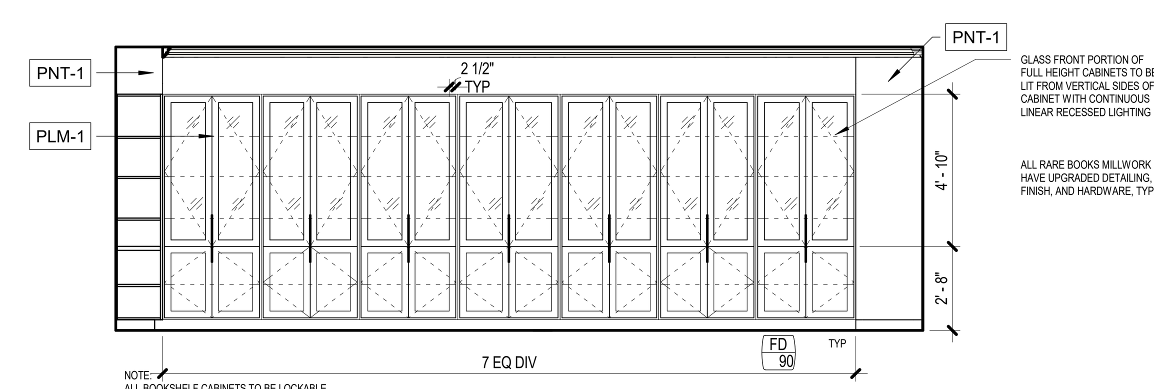
11 PATRON SERVICES - NORTH
SCALE: 1/4" = 1'-0"



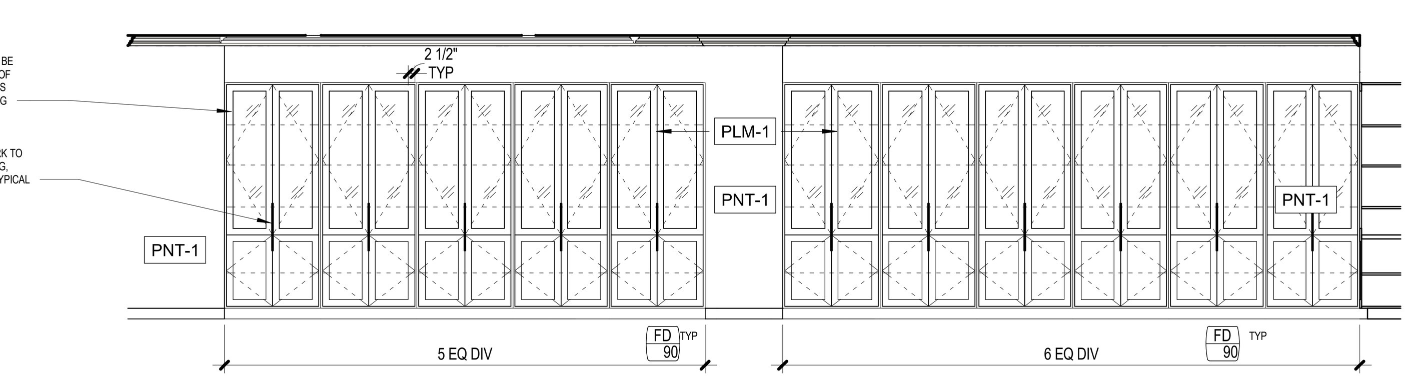
10 LEVEL 2 LOUNGE - EAST
SCALE: 1/4" = 1'-0"



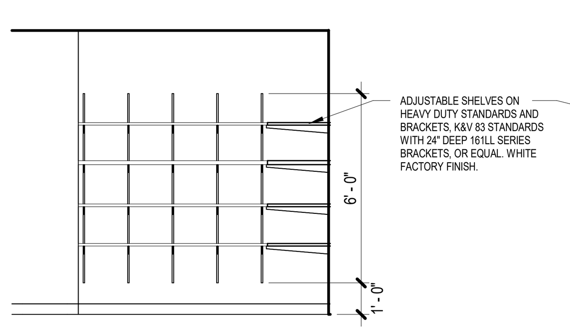
09 RARE BOOKS - WEST
SCALE: 1/4" = 1'-0"



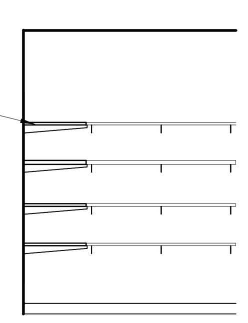
08 RARE BOOKS - SOUTHEAST
SCALE: 1/4" = 1'-0"



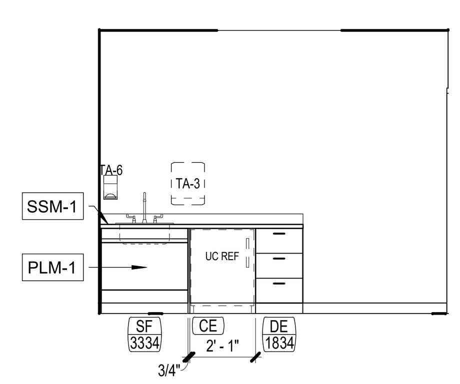
07 RARE BOOKS - NORTHEAST
SCALE: 1/4" = 1'-0"



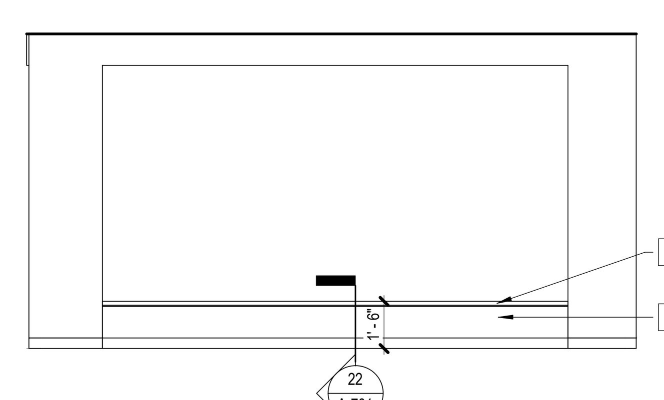
06 MODEL STORAGE - WEST
SCALE: 1/4" = 1'-0"



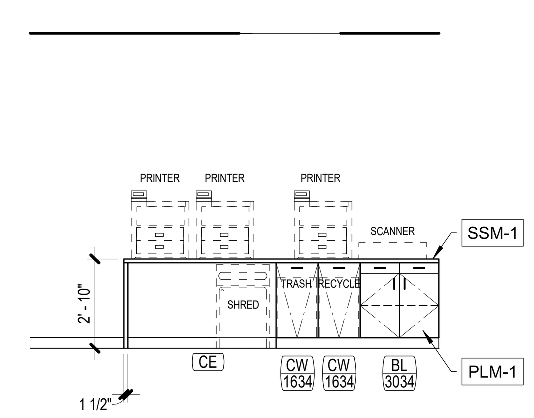
05 MODEL STORAGE- NORTH
SCALE: 1/4" = 1'-0"



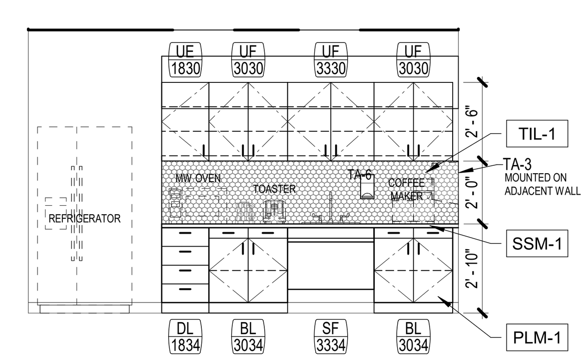
04 RESPIT ROOM
SCALE: 1/4" = 1'-0"



03 COMMUNICATING SPACE
SCALE: 1/4" = 1'-0"



02 LIBRARY TECH - EAST
SCALE: 1/4" = 1'-0"



01 LIBRARY TECH LOUNGE - WEST
SCALE: 1/4" = 1'-0"

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

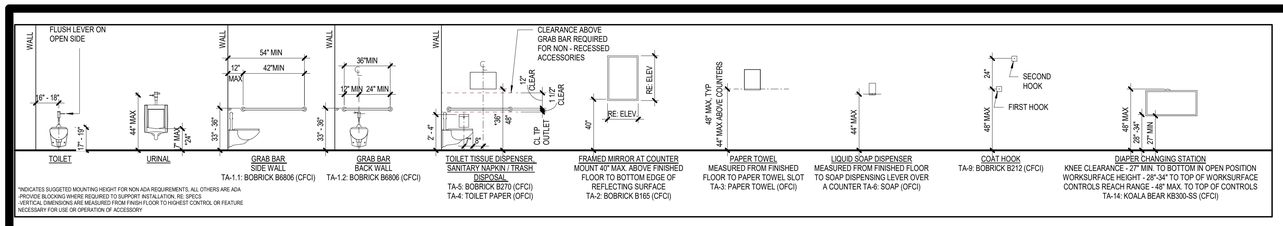
REGISTERED ARCHITECT
STATE OF TEXAS
10900
04/10/2025

ARCHITECTURAL - INTERIOR ELEVATIONS

DRAWN BY	CHECKED BY
TEAM	TEAM
PROJECT NUMBER	PROJECT ABBREVIATION
320026.05	TTUHSC-PSL-02-01
ORIGINAL ISSUE	DATE
ISSUE FOR CONSTRUCTION	21 MAR 2025

A-212
SHEET NUMBER

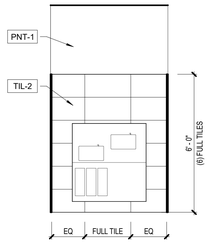
FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PSL-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/8/2025 5:19:55 PM



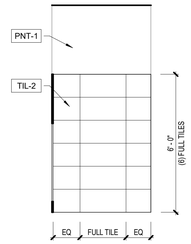
*INDICATES SUGGETED MOUNTING HEIGHT FOR NON ADA REQUIREMENTS, ALL OTHERS ARE ADA
-PROVIDE BLOCKING WHERE REQUIRED TO SUPPORT INSTALLATION. RE: SPECS
-VERTICAL DIMENSIONS ARE MEASURED FROM FINISH FLOOR TO HIGHEST CONTROL OR FEATURE NECESSARY FOR USE OR OPERATION OF ACCESSORY

ENLARGED TOILET PLAN NOTES

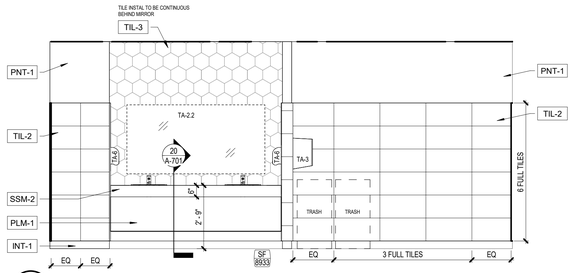
1. WALL, BASE, AND FLOOR TILE ALL TO ALIGN.
2. ALL OUTSIDE CORNER AND TOP OF WAINSCOT SHALL RECEIVE MTL-02 TRIM. GC TO VERIFY WIDTH OF TRIM REQUIRED FOR EACH TILE TYPE.
3. ALIGN ALL WALL AND FLOOR JOINTS.



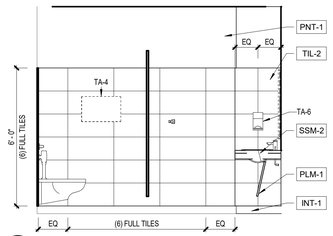
18 PUBLIC DRINKING FOUNTAIN - WEST
SCALE: 3/8" = 1'-0"



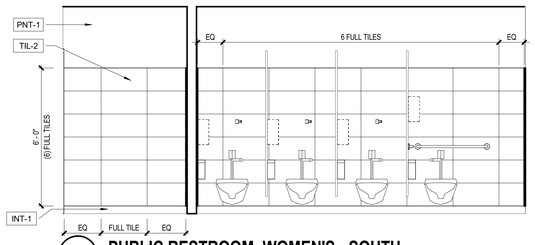
17 PUBLIC DRINKING FOUNTAIN - NORTH (SOUTH OH)
SCALE: 3/8" = 1'-0"



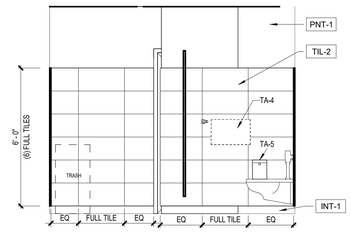
16 PUBLIC RESTROOM, WOMEN'S - NORTH
SCALE: 3/8" = 1'-0"



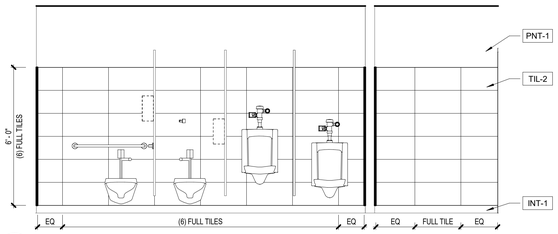
15 PUBLIC RESTROOM, WOMEN'S - WEST
SCALE: 3/8" = 1'-0"



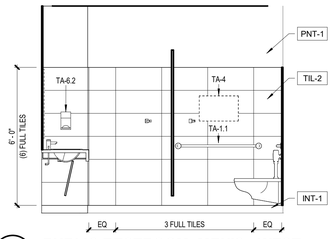
14 PUBLIC RESTROOM, WOMEN'S - SOUTH
SCALE: 3/8" = 1'-0"



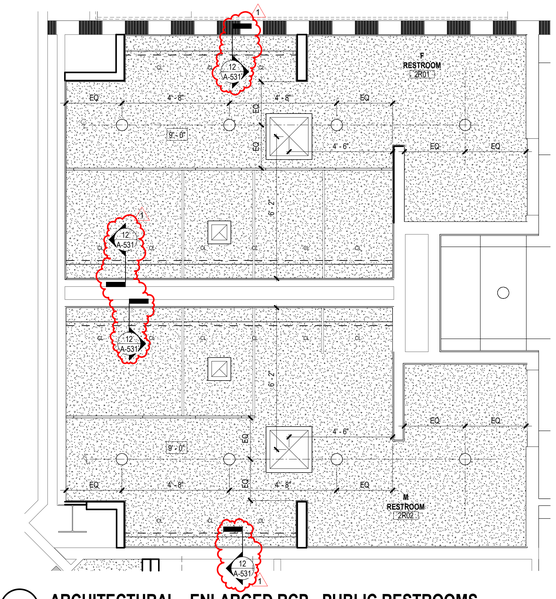
13 PUBLIC RESTROOM, WOMEN'S - EAST
SCALE: 3/8" = 1'-0"



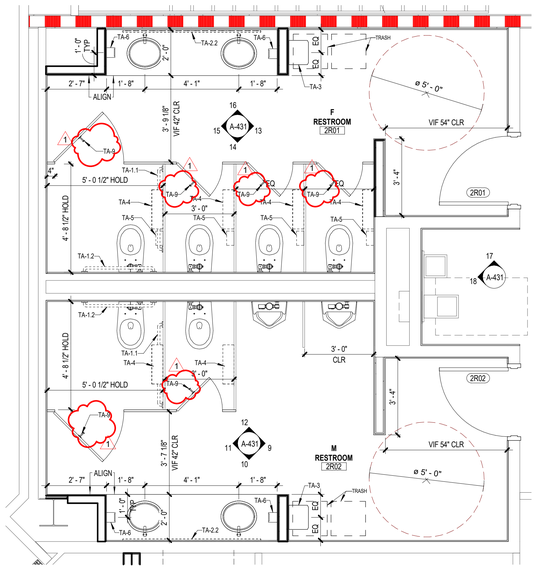
12 PUBLIC RESTROOM, MEN'S - NORTH
SCALE: 3/8" = 1'-0"



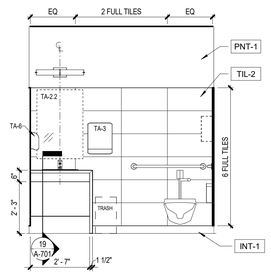
11 PUBLIC RESTROOM, MEN'S - WEST
SCALE: 3/8" = 1'-0"



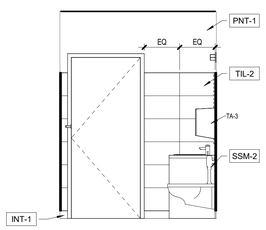
8 ARCHITECTURAL - ENLARGED RCP - PUBLIC RESTROOMS
SCALE: 3/8" = 1'-0"



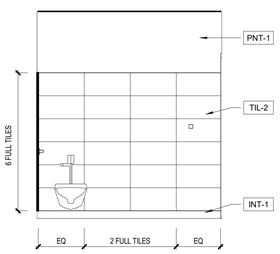
7 ARCHITECTURAL - ENLARGED FLOOR PLAN - PUBLIC RESTROOMS
SCALE: 3/8" = 1'-0"



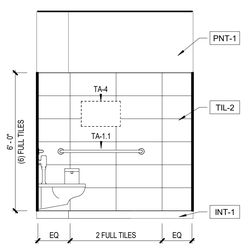
6 TOILET ROOM - NORTH
SCALE: 3/8" = 1'-0"



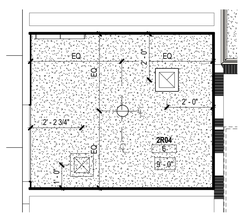
5 TOILET ROOM - WEST
SCALE: 3/8" = 1'-0"



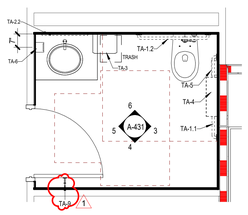
4 TOILET ROOM - SOUTH
SCALE: 3/8" = 1'-0"



3 TOILET ROOM - EAST
SCALE: 3/8" = 1'-0"



2 ARCHITECTURAL - ENLARGED RCP - TOILET ROOMS
SCALE: 3/8" = 1'-0"



1 ARCHITECTURAL - ENLARGED FLOOR PLAN - TOILET ROOMS
SCALE: 3/8" = 1'-0"

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

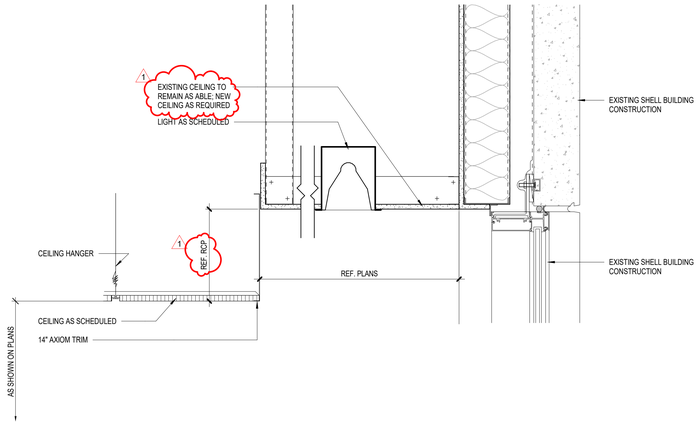
REGISTERED ARCHITECT MATTIA FLABIANO III 10900 STATE OF TEXAS
04/10/2025

ARCHITECTURAL - ENLARGED RESTROOMS

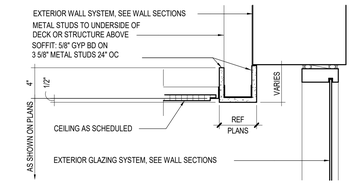
DRAWN BY: TEAM	CHECKED BY: TEAM
PROJECT NUMBER: 320026.05	PROJECT ABBREVIATION: TTUHSC-PSL-02-01
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION	DATE: 21 MAR 2025

A-431
SHEET NUMBER

FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/8/2025 5:20:00 PM



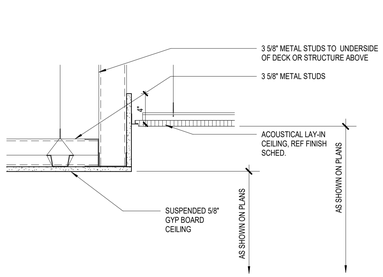
14 EXTERIOR WINDOW HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



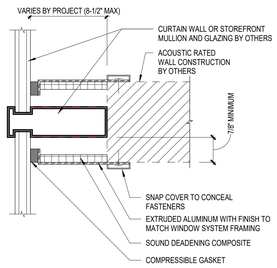
9 SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"

FLOOR PLAN LEGEND

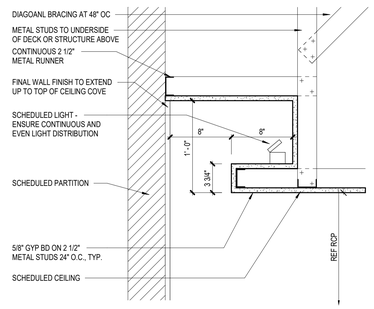
1. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHT AND TYPE.
2. SEE FLOOR PLANS FOR PARTITION TYPES AND PATRITION SCHEDULE FOR PARTITION CONSTRUCTION.
3. SEE SPECIFICATIONS FOR METAL STUD AND GYP. BD. MATERIALS.
4. ALL GYP BOARD EXPOSED CORNERS SHALL RECEIVE CORNER BEADS.



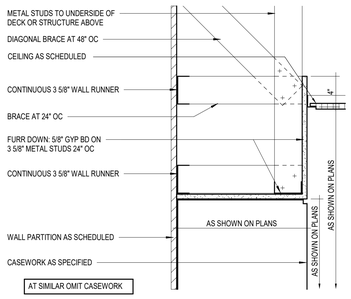
8 CEILING TRANSITION DETAIL
SCALE: 1 1/2" = 1'-0"



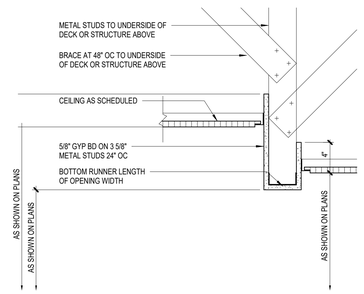
4 WALL TERMINATION DETAIL - MULL-IT-OVER 60 WIDE
SCALE: 3" = 1'-0"



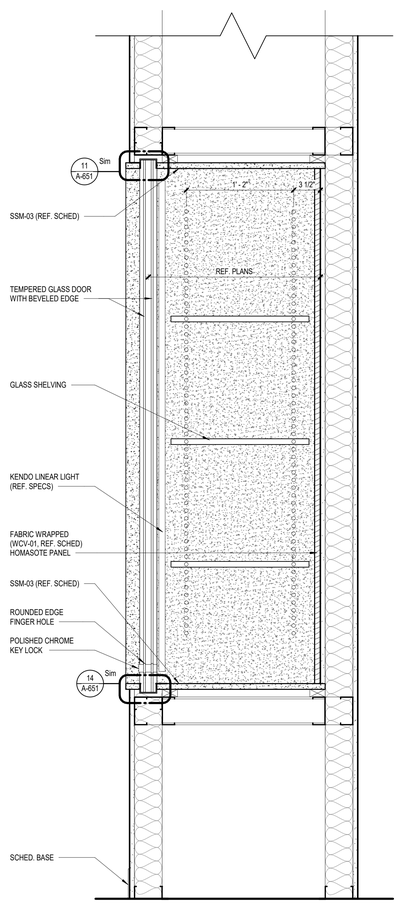
12 LIGHT COVE SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



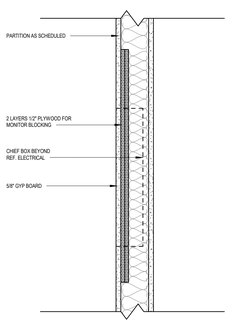
7 SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"



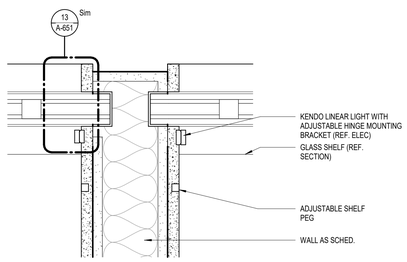
3 HEADER SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



15 DISPLAY WALL SECTION
SCALE: 1 1/2" = 1'-0"

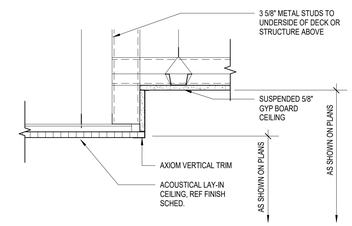


13 WALL BACKING
SCALE: 1 1/2" = 1'-0"

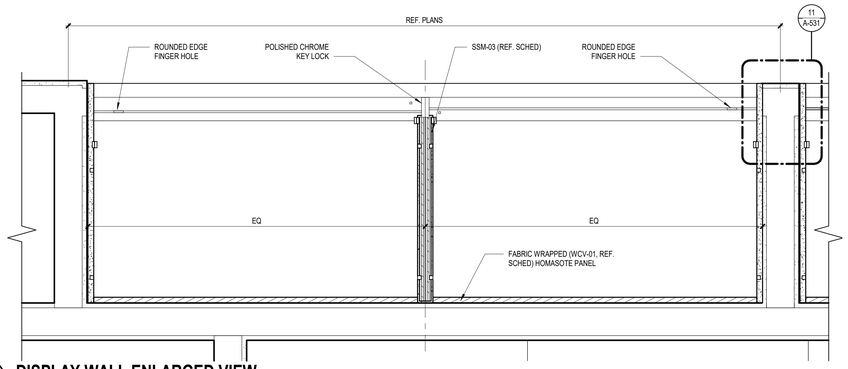


11 DISPLAY WALL DETAIL
SCALE: 3" = 1'-0"

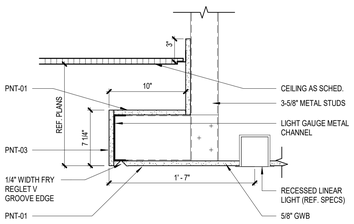
6 GYP CEILING TRANSITION DETAIL
SCALE: 1 1/2" = 1'-0"



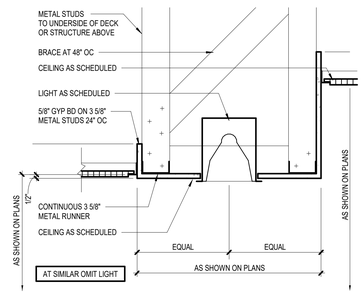
2 CEILING TRANSITION DETAIL
SCALE: 1 1/2" = 1'-0"



10 DISPLAY WALL ENLARGED VIEW
SCALE: 1 1/2" = 1'-0"



5 GYP CEILING CLOUD DETAIL
SCALE: 1 1/2" = 1'-0"



1 LIGHTED FURR DOWN SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

REGISTERED ARCHITECT — KRISTIA FLABIANO — 10903 — STATE OF TEXAS
04/10/2025

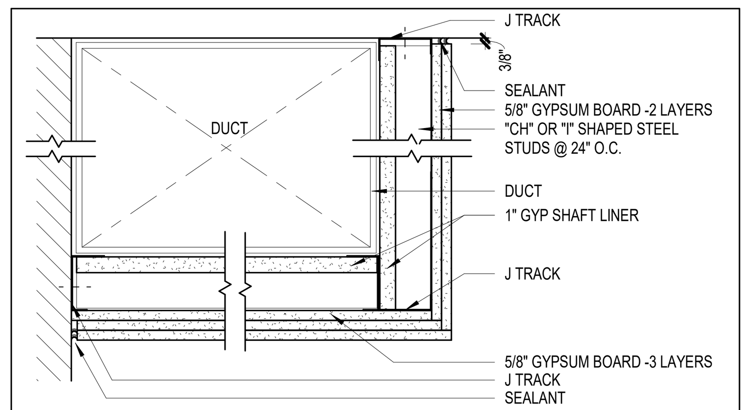
ARCHITECTURAL - INTERIOR/RCP DETAILS

DRAWN BY: TEAM	CHECKED BY: TEAM
PROJECT NUMBER: 320026.05	PROJECT ABBREVIATION: TTUHSC-PSL-02-01
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION	DATE: 21 MAR 2025

A-531
SHEET NUMBER

FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/8/2025 5:20:02 PM

FILE PATH
USER NAME: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
DATE STAMP: 4/8/2025 5:20:06 PM

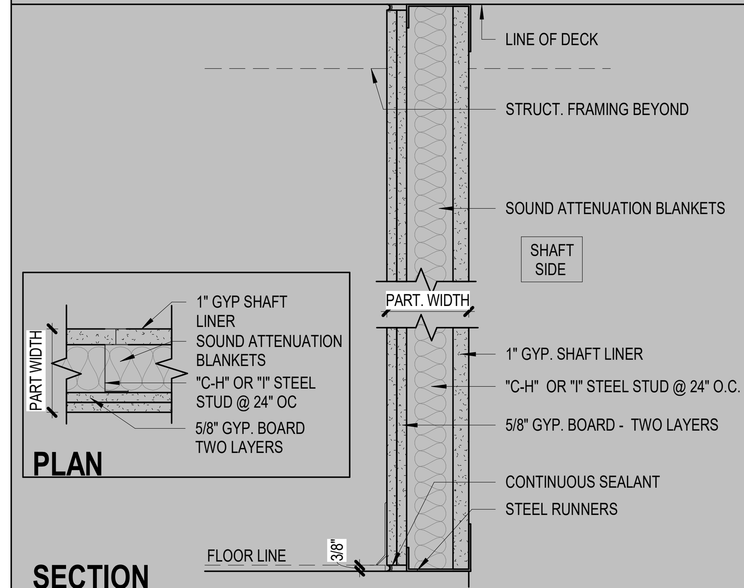


TYPE	STUD	MAX. SPAN 25 GA.	MAX. SPAN 20 GA.	DESIGN NO.
	2 1/2"	7'- 2"	8' - 8"	WHI-694-0300.1
	4"	10' - 0"	11' - 3"	WHI-694-0300.1
	6"	-	13' - 10"	WHI-694-0300.1

SPANS BASED ON L/240 DEFLECTION AND TWICE THE DEAD LOAD WEIGHT, AND 24" O.C. SPACING.

3 2-HOUR HORIZ. DUCT PROTECTION
SCALE: 1 1/2" = 1'-0"

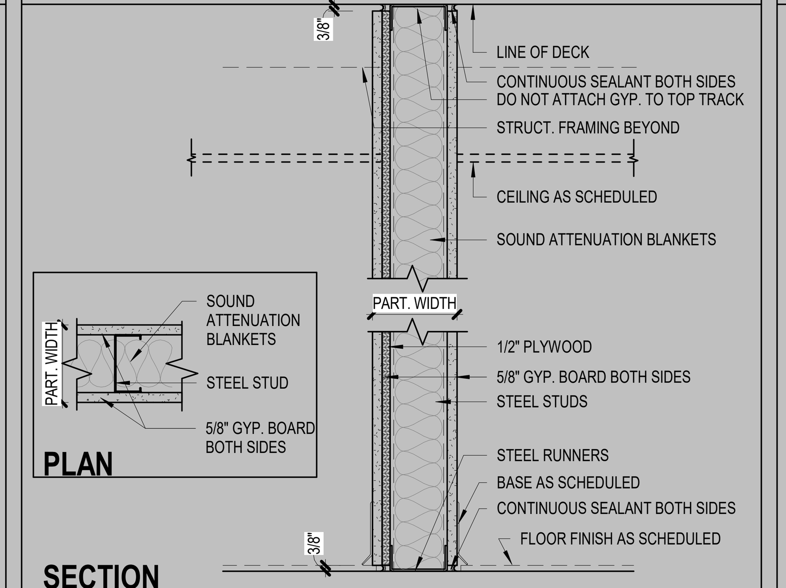
'S' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
S2	2 1/2"	3 3/4"	9'- 11"	11' - 3"	UL-U415, UL-U497	45	1 1/2"	35
S4	4"	5 1/4	13' - 8"	15' - 1"	UL-U415, UL-U497	50	3"	40
S6	6"	7 1/4"	-	17' - 6"	UL-U415, UL-U497	-	3 1/2"	-

LIMITING HEIGHTS BASED ON MANUF. DATA; L/240; 7.5 PSF

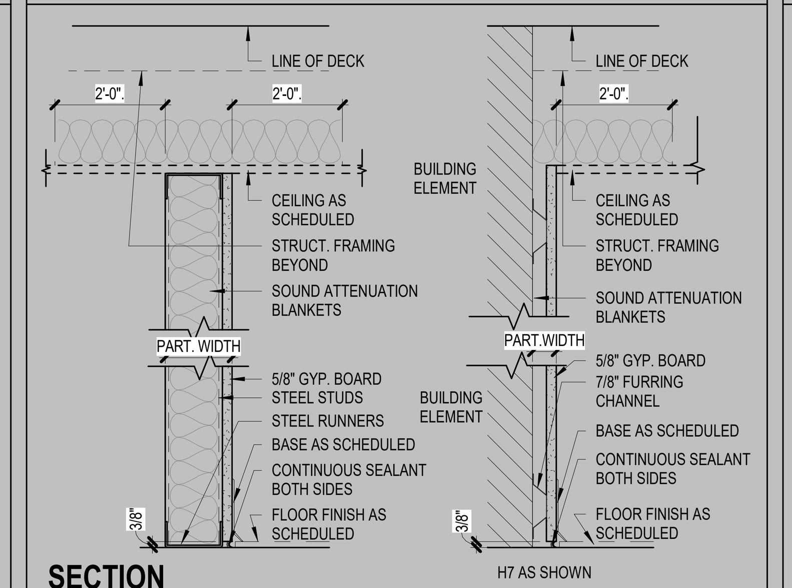
'AB' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	1 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
A1	1 5/8"	3 3/8"	8'- 4"	9' - 2"	GA-WP 1340	40	1 1/2"	35
A2	2 1/2"	4 1/4"	11' - 3"	12' - 1"	UL-U494	40	2 1/2"	40
A3	3 5/8"	5 3/8"	14' - 4"	15' - 8"	UL-U465	40	3 1/2"	40
A4	4"	5 3/4"	15' - 4"	17' - 6"	UL-U465	40	3 1/2"	40
A6	6"	7 3/4"	19' - 9"	23' - 2"	UL-U465	40	3 1/2"	40
A8	8"	9 3/4"	-	-	UL-U465	-	3 1/2"	-

LIMITING HEIGHTS BASED ON ASTM; L/240; 5 PSF

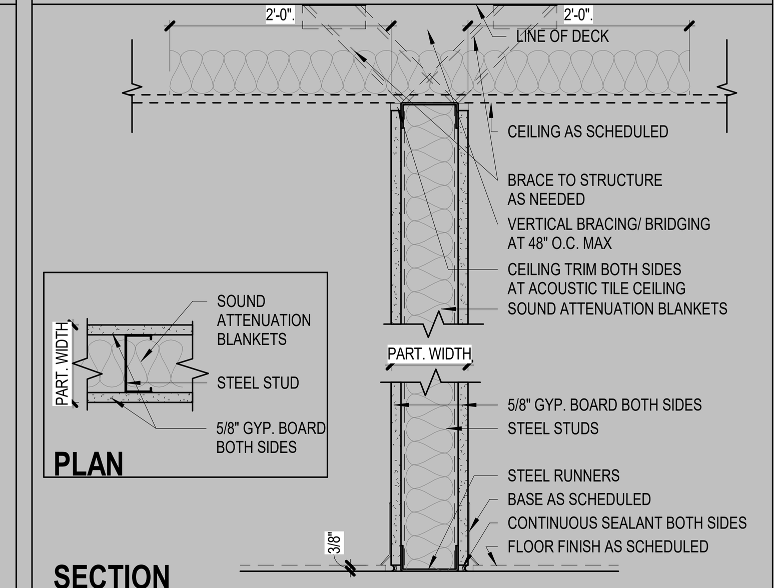
'H' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
H1	1 5/8"	2 1/4"	6'- 11"	8' - 2"	N/A	-	1 1/2"	-
H2	2 1/2"	3 1/8"	9' - 7"	11' - 3"	N/A	-	2 1/2"	-
H3	3 5/8"	4 1/4"	12' - 4"	14' - 11"	N/A	-	3 1/2"	-
H4	4"	4 5/8"	13' - 0"	16' - 2"	N/A	-	3 1/2"	-
H6	6"	6 5/8"	15' - 9"*	21' - 7"	N/A	-	3 1/2"	-
H7	7/8" FC	1 1/2"	-	-	N/A	-	-	-

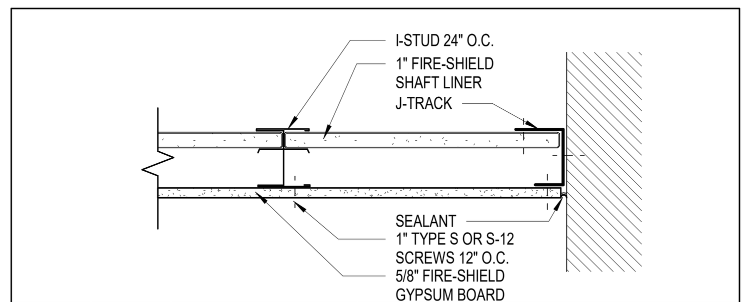
LIMITING HEIGHTS BASED ON SSMA / SFIA; L/240; 5 PSF
* ADD WEB STIFFENERS

'D' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
D1	1 5/8"	2 7/8"	6'- 11"	8' - 2"	N / A	-	1 1/2"	-
D2	2 1/2"	3 3/4"	9' - 7"	11' - 3"	N / A	-	2 1/2"	-
D3	3 5/8"	4 7/8"	12' - 4"	14' - 11"	N / A	-	3 1/2"	-
D4	4"	5 1/4"	13' - 0"	16' - 2"	N / A	-	3 1/2"	-
D6	6"	7 1/4"	15' - 9"*	21' - 7"	N / A	-	3 1/2"	-
D8	8"	9 1/4"	-	-	N / A	-	3 1/2"	-

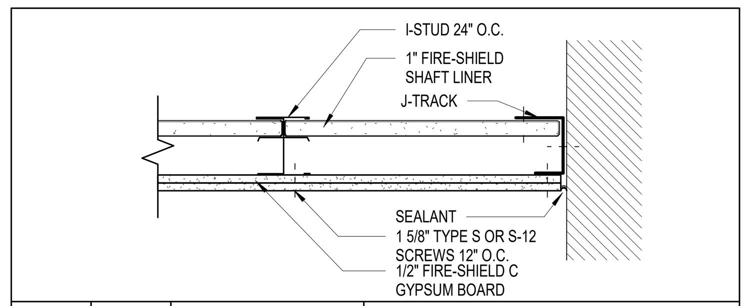
LIMITING HEIGHTS BASED ON SSMA/SFIA; L/240; 5 PSF
*ADD WEB STIFFENERS



TYPE	STUD	MAX. SPAN 25 GA.	MAX. SPAN 20 GA.	DESIGN NO.
	2 1/2"	7'- 8"	8' - 8"	ICBO- EVALUATION REPORT NO. 3579
	4"	10' - 3"	11' - 9"	ICBO- EVALUATION REPORT NO. 3579
	6"	-	14' - 10"	ICBO- EVALUATION REPORT NO. 3579

SPANS BASED ON L/240 DEFLECTION AND TWICE THE DEAD LOAD WEIGHT, AND 24" O.C. SPACING.

2 1-HOUR HORIZ. FIRE RESISTIVE ASSY
SCALE: 1 1/2" = 1'-0"

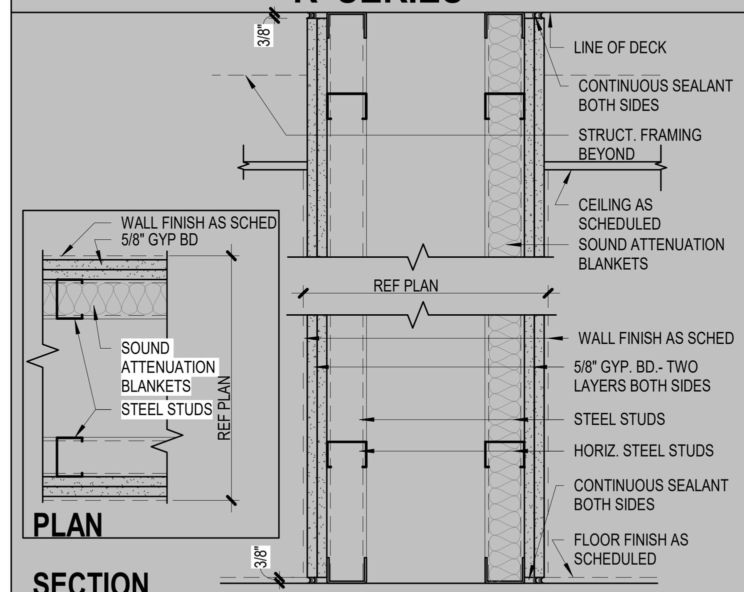


TYPE	STUD	MAX. SPAN 25 GA.	MAX. SPAN 20 GA.	DESIGN NO.
	2 1/2"	7'- 8"	9' - 4"	ICBO- EVALUATION REPORT NO. 3579
	4"	10' - 9"	12' - 1"	ICBO- EVALUATION REPORT NO. 3579
	6"	-	14' - 10"	ICBO- EVALUATION REPORT NO. 3579

SPANS BASED ON L/240 DEFLECTION AND TWICE THE DEAD LOAD WEIGHT, AND 24" O.C. SPACING.

1 2-HOUR HORIZ. FIRE RESISTIVE ASSY
SCALE: 1 1/2" = 1'-0"

'R' SERIES

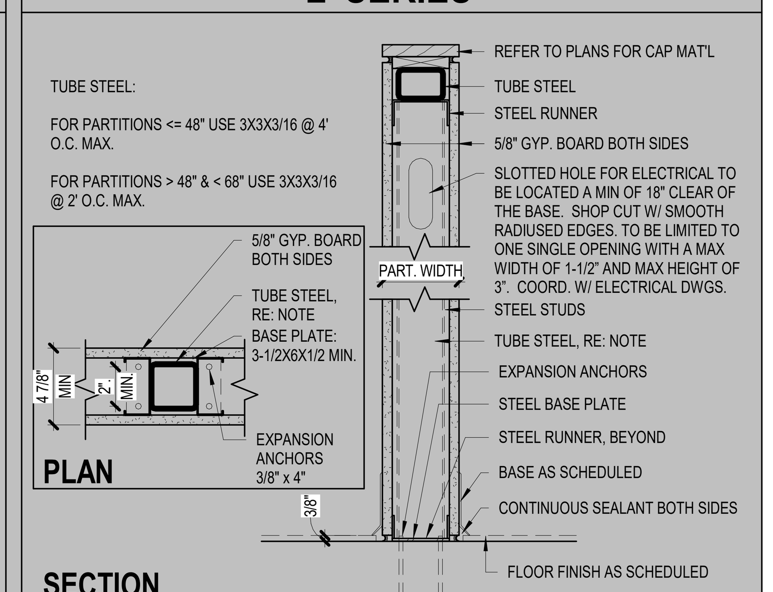


TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	2 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
R1	1 5/8"	RE:PLAN	6'- 11"	8' - 5"	UL-U420	50	3 1/2"	-
R2	2 1/2"	RE:PLAN	9' - 7"	11' - 7"	UL-U493	50	3 1/2"	-
R3	3 5/8"	RE:PLAN	12' - 4"	15' - 5"	UL-U493	50	3 1/2"	-
R4	4"	RE:PLAN	13' - 0"	16' - 8"	UL-U493	50	3 1/2"	-
R6	6"	RE:PLAN	15' - 9"*	22' - 11"	UL-U493	50	3 1/2"	-

LIMITING HEIGHTS BASED ON SSMA / SFIA ; L/240; 5 PSF
*ADD WEB STIFFENERS

CB3 WALL TYPE SIMILAR TO AB3, BUT GYP AND PLYWOOD DO NOT GO TO DECK

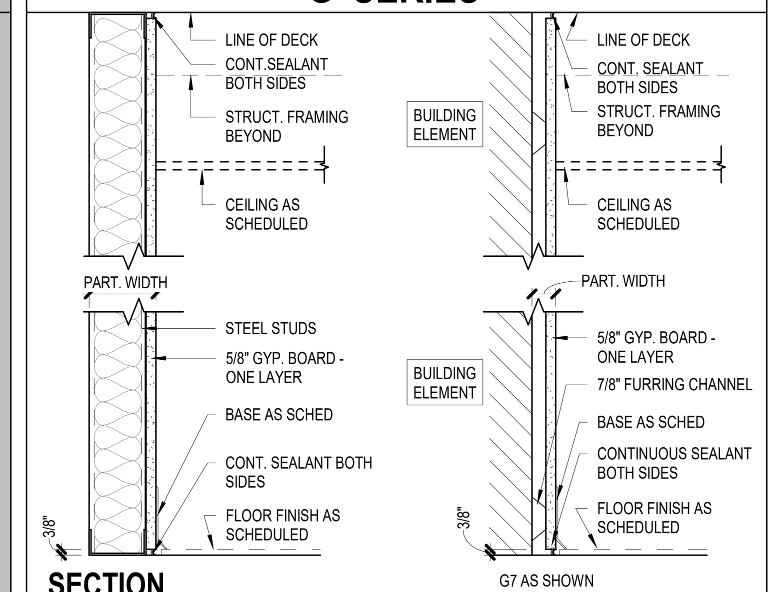
'L' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
L1	-	-	-	-				
L2	-	-	-	-				
L3	3 5/8"	4 7/8"	-	-				
L4	4"	5 1/4"	-	-				
L6	6"	7 1/4"	-	-				
L8	8"	9 1/4"	-	-				

NO INSULATION

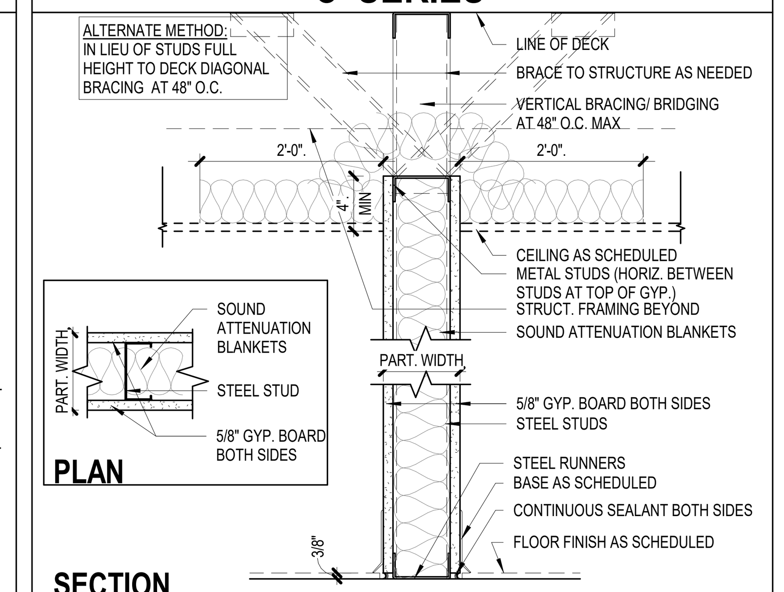
'G' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
G1	1 5/8"	2 1/4"	6'- 11"	8' - 2"	N/A	-	1 1/2"	-
G2	2 1/2"	3 1/8"	9' - 7"	11' - 3"	N/A	-	2 1/2"	-
G3	3 5/8"	4 1/4"	12' - 4"	14' - 11"	N/A	-	3 1/2"	-
G4	4"	4 5/8"	13' - 0"	16' - 2"	N/A	-	3 1/2"	-
G6	6"	6 5/8"	15' - 9"*	21' - 7"	N/A	-	3 1/2"	-
G7	7/8" FC	1 1/2"	-	-	N/A	-	-	-

LIMITING HEIGHTS BASED ON SSMA / SFIA; L/240; 5 PSF
* ADD WEB STIFFENERS

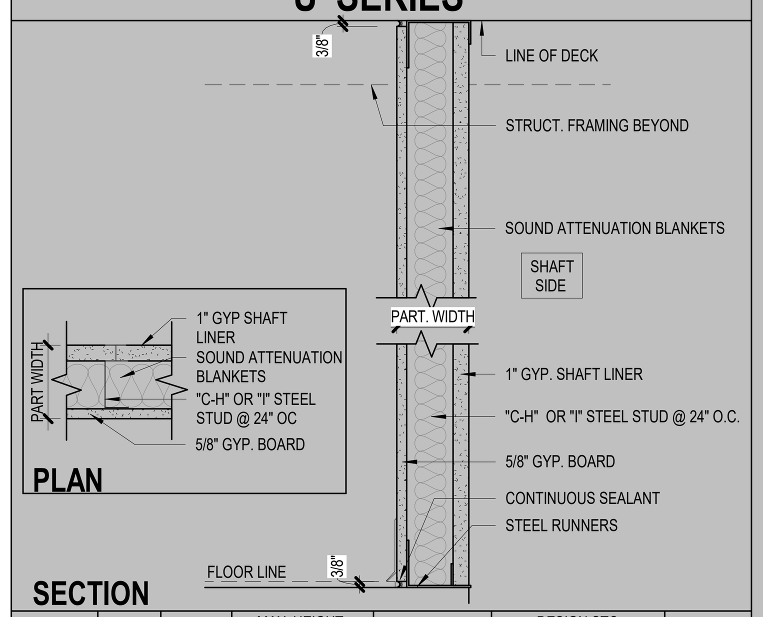
'C' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
C1	1 5/8"	2 7/8"	6'- 11"	8' - 2"	N / A	-	1 1/2"	-
C2	2 1/2"	3 3/4"	9' - 7"	11' - 3"	N / A	-	2 1/2"	-
C3	3 5/8"	4 7/8"	12' - 4"	14' - 11"	N / A	-	3 1/2"	-
C4	4"	5 1/4"	13' - 0"	16' - 2"	N / A	-	3 1/2"	-
C6	6"	7 1/4"	15' - 9"*	21' - 7"	N / A	-	3 1/2"	-
C8	8"	9 1/4"	-	-	N / A	-	3 1/2"	-

LIMITING HEIGHTS BASED ON SSMA/SFIA; L/240; 5 PSF
*ADD WEB STIFFENERS

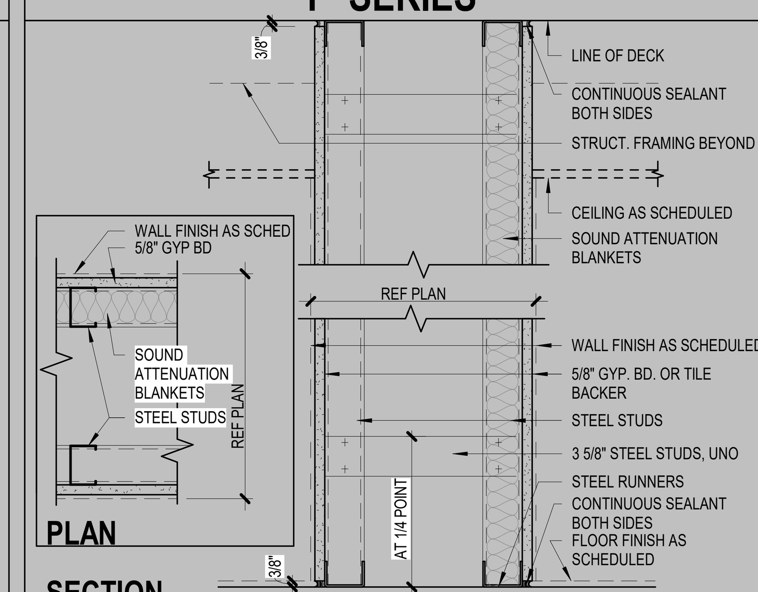
'U' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
U2	2 1/2"	3 1/8"	9'- 11"	11' - 3"	UL-U415, UL-U499	45	1 1/2"	35
U4	4"	4 5/8"	13' - 8"	15' - 1"	UL-U415, UL-U499	-	3"	-
U6	6"	6 5/8"	-	17' - 6"	UL-U415, UL-U499	-	3 1/2"	-

LIMITING HEIGHTS BASED ON MANUF. DATA; L/240; 7.5 PSF

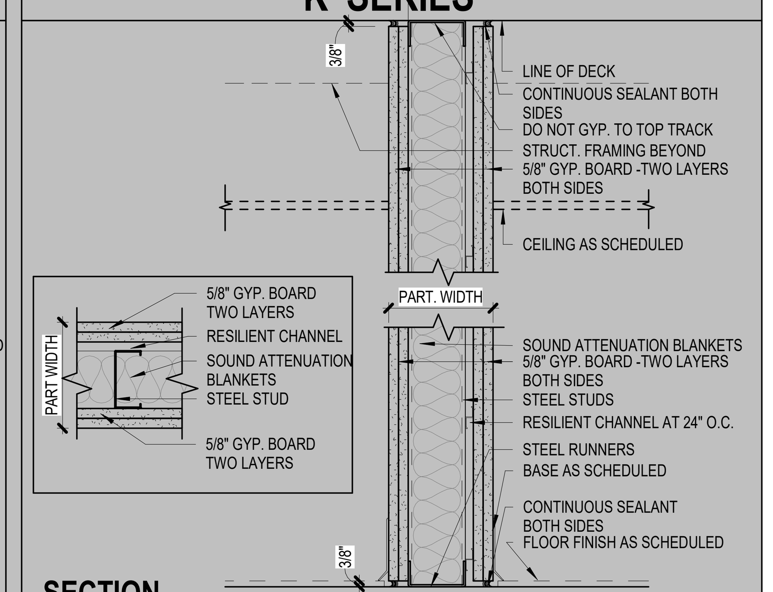
'P' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	1 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
P1	1 5/8"	RE:PLAN	6'- 11"	8' - 5"	UL-U420	50	3 1/2"	-
P2	2 1/2"	RE:PLAN	9' - 7"	11' - 7"	UL-U493	50	3 1/2"	-
P3	3 5/8"	RE:PLAN	12' - 4"	15' - 5"	UL-U493	50	3 1/2"	-
P4	4"	RE:PLAN	13' - 0"	16' - 8"	UL-U493	50	3 1/2"	-
P6	6"	RE:PLAN	15' - 9"*	22' - 11"	UL-U493	50	3 1/2"	-

LIMITING HEIGHTS BASED ON SSMA / SFIA ; L/240; 5 PSF
*ADD WEB STIFFENERS

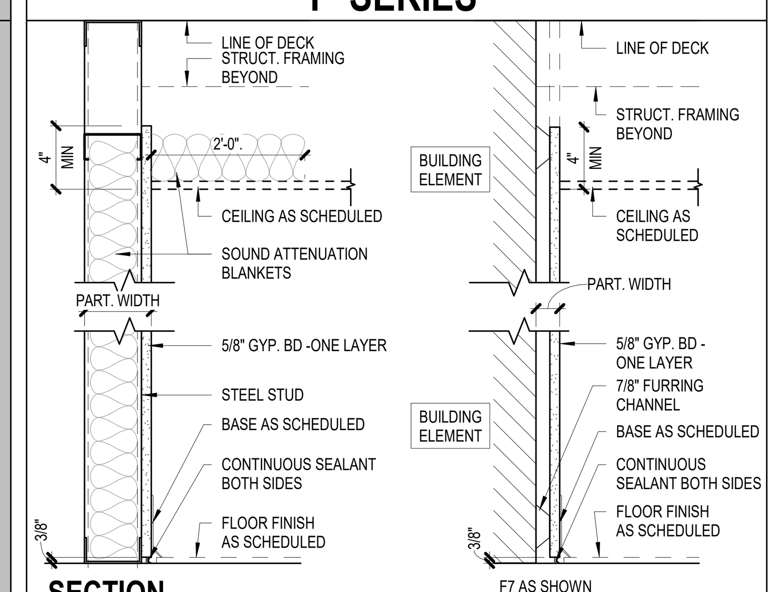
'K' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	2 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
K1	1 5/8"	4 5/8"	6'- 11"	8' - 5"	NA	-	-	-
K2	2 1/2"	5 1/2"	9' - 7"	11' - 7"	UL-U454	60	2 1/2"	-
K3	3 5/8"	6 5/8"	12' - 4"	15' - 5"	UL-U454	60	3 1/2"	-
K4	4"	7"	13' - 0"	16' - 8"	UL-U454	60	3 1/2"	-
K6	6"	9"	15' - 9"*	22' - 11"	UL-U454	60	3 1/2"	-
K8	8"	11"	-	-	UL-U454	60	3 1/2"	-

LIMITING HEIGHTS BASED ON SSMA / SFIA; L/240; 5 PSF
*ADD WEB STIFFENERS

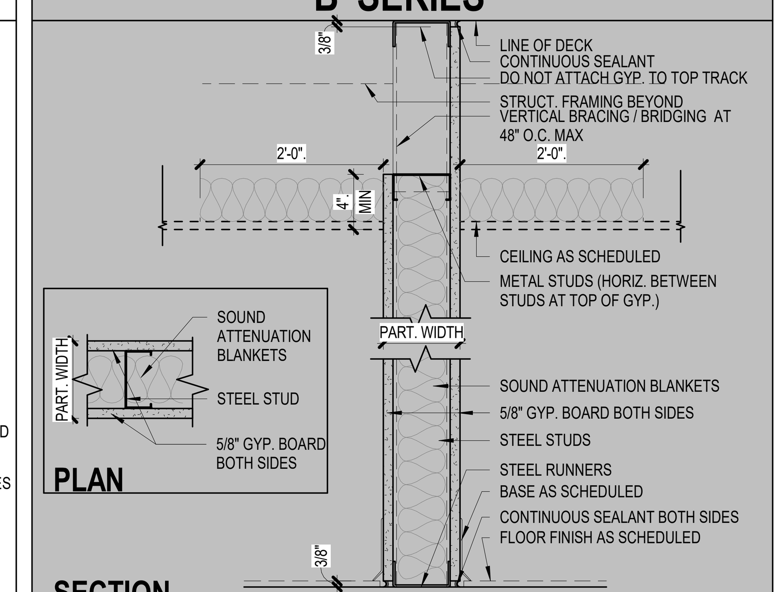
'F' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
F1	1 5/8"	2 1/4"	6'- 11"	8' - 2"	N/A	-	1 1/2"	-
F2	2 1/2"	3 1/8"	9' - 7"	11' - 3"	N/A	-	2 1/2"	-
F3	3 5/8"	4 1/4"	12' - 4"	14' - 11"	N/A	-	3 1/2"	-
F4	4"	4 5/8"	13' - 0"	16' - 2"	N/A	-	3 1/2"	-
F6	6"	6 5/8"	15' - 9"*	21' - 7"	N/A	-	3 1/2"	-
F7	7/8" FC	1 1/2"	-	-	N/A	-	-	-

LIMITING HEIGHTS BASED ON SSMA / SFIA; L/240; 5 PSF
* ADD WEB STIFFENERS
1

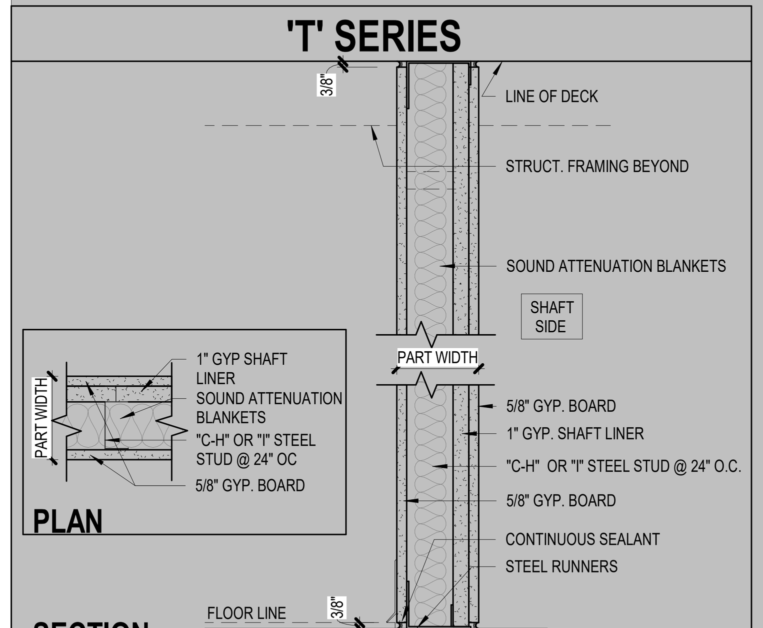
'B' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
B1	1 5/8"	2 7/8"	6'- 11"	8' - 2"	N / A	-	1 1/2"	-
B2	2 1/2"	3 3/4"	9' - 7"	11' - 3"	N / A	-	2 1/2"	-
B3	3 5/8"	4 7/8"	12' - 4"	14' - 11"	N / A	-	3 1/2"	-
B4	4"	5 1/4"	13' - 0"	16' - 2"	N / A	-	3 1/2"	-
B6	6"	7 1/4"	15' - 9"*	21' - 7"	N / A	-	3 1/2"	-
B8	8"	9 1/4"	-	-	N / A	-	3 1/2"	-

LIMITING HEIGHTS BASED ON SSMA/SFIA; L/240; 5 PSF
*ADD WEB STIFFENERS

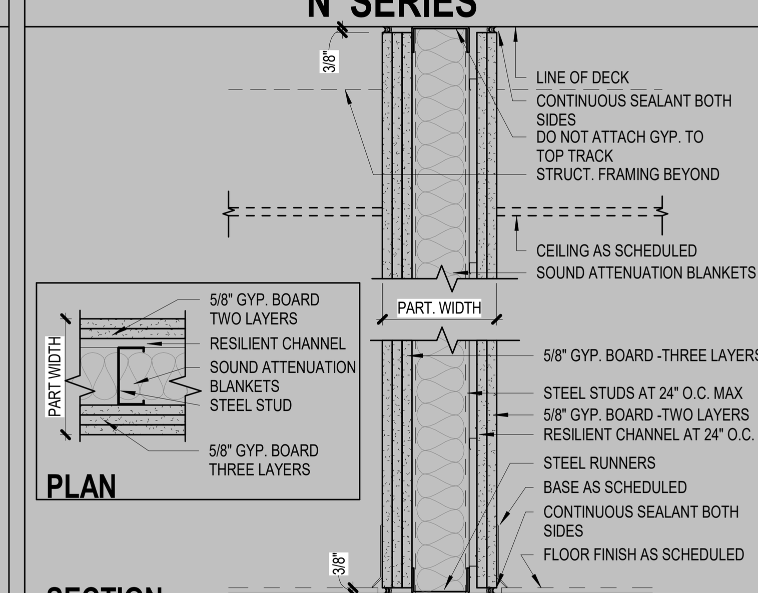
'T' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
T2	2 1/2"	3 3/4"	9'- 11"	11' - 3"	UL-U415, UL-U498	45	1 1/2"	35
T4	4"	5 1/4	13' - 8"	15' - 1"	UL-U415, UL-U498	-	3"	40
T6	6"	7 1/4"	-	17' - 6"	UL-U415, UL-U498	-	3 1/2"	-

LIMITING HEIGHTS BASED ON MANUF. DATA; L/240; 7.5 PSF

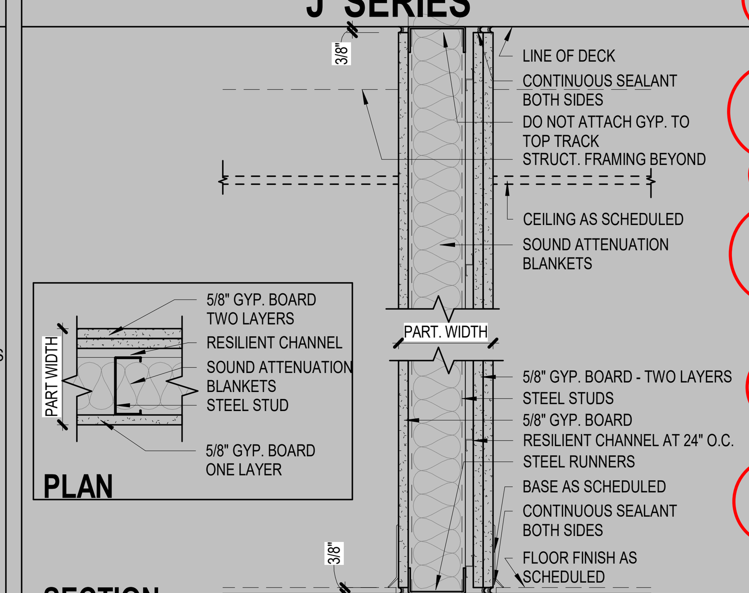
'N' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	3 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
N3	3 5/8"	7 1/4"	-	15' - 5"	UL-U455	60	3" SAFB	-
N4	4"	7 5/8"	-	16' - 8"	UL-U455	60	3" SAFB	-
N6	6"	9 5/8"	-	22' - 11"	UL-U455	60*	5" SAFB	-
N6+	6"	9 5/8"	-	22' - 11"	UL-U455	65+	5" SAFB	-

LIMITING HEIGHTS BASED ON SSMA / SFIA; L/240; 5 PSF
* BASED ON 6" 20 GA. STRUCTURAL STUDS
\+ REF. USG ACOUSTICAL ASSEMBLIES CATALOG

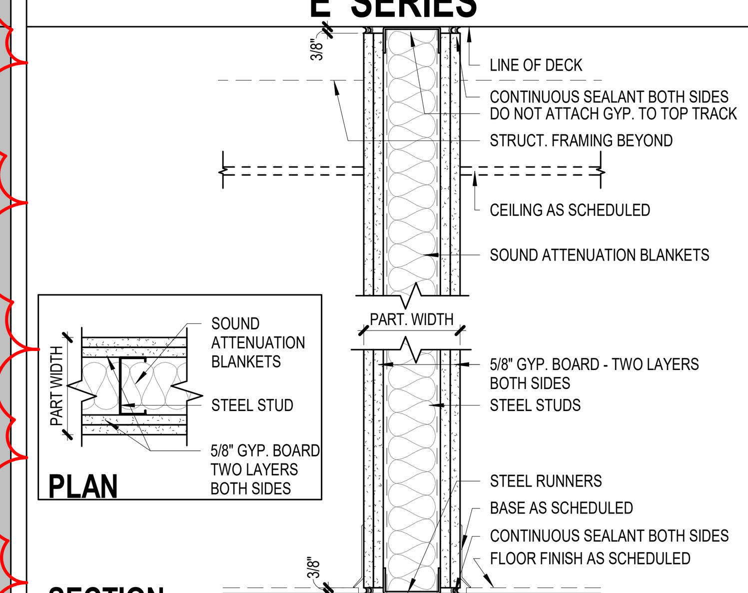
'J' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	2 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
J1	1 5/8"	4"	6'- 11"	8' - 5"	-	-	-	-
J2	2 1/2"	4 7/8"	9' - 7"	11' - 7"	-	55	2 1/2"	-
J3	3 5/8"	6"	12' - 4"	15' - 5"	UL-U453	55	3 1/2"	-
J4	4"	6 3/8"	13' - 0"	16' - 8"	UL-U453	55	3 1/2"	-
J6	6"	8 3/8"	15' - 9"*	22' - 11"	UL-U453	55	3 1/2"	-
J8	8"	10 3/8"	-	-	UL-U453	-	-	-

LIMITING HEIGHTS BASED ON SSMA / SFIA ; L/240; 5 PSF
*ADD WEB STIFFENERS

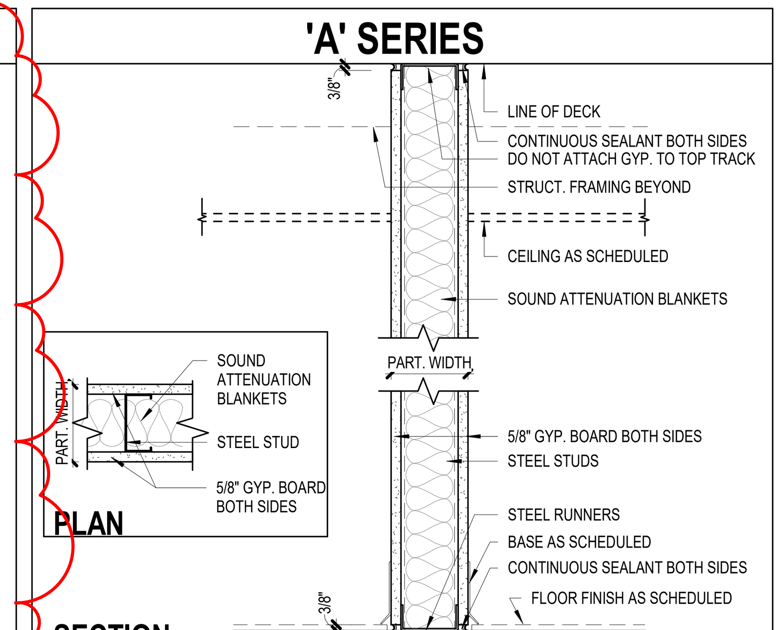
'E' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	2 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
E1	1 5/8"	4 1/8"	13' - 4"	14' - 5"	UL-U412	50	1 1/2"	45
E2	2 1/2"	5"	15' - 1"	16' - 11"	UL-U411	50	2 1/2"	45
E3	3 5/8"	6 1/8"	16' - 8"	17' - 0"	UL-U411	55	3 1/2"	45
E4	4"	6 1/2"	19' - 0"	20' - 0"	UL-U411	55	3 1/2"	45
E6	6"	8 1/2"	22' - 11"	23' - 8"	UL-U411	55	3 1/2"	45
E8	8"	10 1/2"	-	-	UL-U411	-	3 1/2"	-

LIMITING HEIGHTS BASED ON MANUF.PRODUCT DATA; L/240; 5 PSF

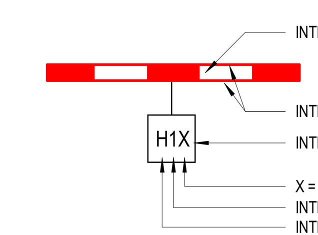
'A' SERIES



TYPE	STUD	PART. WIDTH	MAX. HEIGHT 25 GA.	MAX. HEIGHT 20 GA.	1 HOUR DESIGN NO.	DESIGN STC MIN STC	DESIGN STC INSUL	EST STC W/O INSUL
A1	1 5/8"	2 7/8"	8'- 4"	9' - 2"	GA-WP 1340	40	1 1/2"	35
A2	2 1/2"	3 3/4"	11' - 3"	12' - 1"	UL-U494	40	2 1/2"	40
A3	3 5/8"	4 7/8"	14' - 4"	15' - 8"	UL-U465	40	3 1/2"	40
A4	4"	5 1/4"	15' - 4"	17' - 6"	UL-U465	40	3 1/2"	40
A6	6"	7 1/4"	19' - 9"	23' - 2"	UL-U465	40	3 1/2"	40
A8	8"	9 1/4"	-	-	UL-U465	-	3 1/2"	-

LIMITING HEIGHTS BASED ON ASTM; L/240; 5 PSF

INTERIOR GRAPHIC LEGEND



INTERIOR PARTITION RATING (IF APPLICABLE)
INTERIOR PARTITION
INTERIOR PARTITION DESIGNATOR
X = NO INSULATION
INTERIOR PARTITION TYPE
INTERIOR PARTITION SERIES

PARTITION GRAPHIC LEGEND

1-HOUR SMOKE BARRIER PARTITION
1-HOUR FIRE WALL PARTITION
1-HOUR FIRE/SMOKE PARTITION
2-HOUR FIRE PARTITION
2-HOUR FIRE/SMOKE PARTITION
3-HOUR FIRE PARTITION

SPECIAL GRAPHIC LEGEND

— LL — LEAD LINED, THICKNESS INDICATED ON PLANS (IN CONJUNCTION WITH PARTITION TYPE)
— RF — RADIO FREQUENCY (RF) SHIELDING (IN CONJUNCTION WITH PARTITION TYPE)

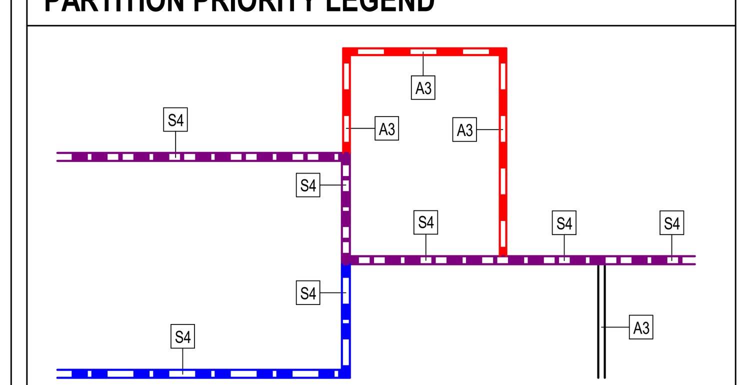
PARTITION NOTES

1. THE LOCATIONS OF FIRE, SMOKE, OR FIRE/SMOKE PARTITIONS ARE INDICATED ON THE FLOOR PLANS BY LINE SYMBOLS IN THE CENTER OF THE PARTITIONS. AT THESE LOCATIONS, THE UL DESIGN ASSEMBLY LISTED WITH THE PARTITION TYPE SHALL BE COMPLIED WITH, INCLUDING FIRESTOPPING SEALANT AT THE PERIMETER OF THE PARTITION. WHERE THE PARTITION TYPE IS NOT INDICATED ON THE FLOOR PLAN AS BEING A FIRE, SMOKE, OR FIRE/SMOKE PARTITION, THE CONSTRUCTION SHALL BE IDENTICAL, EXCEPT THAT ACOUSTICAL SEALANT SHALL BE USED IN LIEU OF FIRESTOPPING SEALANT AT THE PERIMETER OF THE PARTITION.
2. ALL NEW INTERIOR PARTITIONS SHOWN ON THE FLOOR PLANS ARE TYPE 'C3', UNLESS NOTED OTHERWISE. ALL COLUMN AND CHASE FURRING TO BE PARTITION TYPE F3.
3. PARTITION TYPE REFERENCES ARE INDICATED ON THE FLOOR PLANS.
4. PARTITION TYPES DO NOT DETERMINE EXTERIOR WALL CONSTRUCTION. REFER TO WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION.
5. ALL PARTITIONS THAT EXTEND FROM FLOOR TO THE UNDERSIDE OF DECK ABOVE SHALL HAVE THEIR PERIMETER AND ALL PENETRATIONS SEALED SMOKETIGHT WITH ACOUSTICAL SEALANT OR FIRESTOPPING SEALANT, AS APPLICABLE.
6. ALL FIRE, SMOKE, OR FIRE/SMOKE PARTITIONS SHALL HAVE ALL CONTROL JOINTS AND EXPANSION JOINTS IN PARTITIONS CONSTRUCTED IN A MANNER SO AS TO NOT VIOLATE THE RATING, USING CONTINUOUS FIRESTOPPING MATERIAL WITHIN THE JOINT. OTHER UNRATED PARTITIONS SHALL HAVE ALL CONTROL JOINTS AND EXPANSION JOINTS IN PARTITIONS, CONSTRUCTED IN A MANNER TO RESIST SOUND TRANSMISSION, USING FIRE RESISTANT SOUND ATTENUATION BLANKET MATERIAL WITHIN THE JOINT.
7. WHERE CERAMIC TILE, PORCELAIN PAVERS, QUARRY TILE, TERRAZZO OR CEMENT ARE INDICATED TO BE APPLIED TO PARTITIONS AS A BASE OR WALL FINISH SURFACE, REPLACE THE GWB WITH 5/8" TILE BACKER BOARD THAT HAS BEEN TESTED AND CERTIFIED TO BE EQUIVALENT IN FIRE RATING TO THE GWB WHICH THEY REPLACE. THE SCHEDULED FIRE RATING OF ANY PARTITION SHALL NOT BE VIOLATED BY THE APPLICATION OF ANY FINISHES. ALSO USE L/360 DEFLECTION CRITERIA AND 20 GAUGE MINIMUM FRAMING AT THESE LOCATIONS.
8. FLOOR TO FLOOR DIMENSIONS MAY VARY. REFER TO BUILDING SECTIONS, WALL SECTIONS, AND OTHER CONTRACT DRAWINGS FOR DETERMINING FLOOR TO FLOOR DIMENSIONS.
9. CEILING HEIGHTS MAY VARY ON EITHER OR BOTH SIDES OF THE PARTITION. REFER TO FLOOR PLANS, REFLECTED CEILING PLANS AND CEILING DETAILS FOR CEILING HEIGHTS.
10. METAL STUDS SHALL BE SPACED AT 16" O.C. MAXIMUM, UNLESS NOTED OTHERWISE. LIGHT GAUGE METAL FRAMING STUDS SPACED AT 16" O.C. MAXIMUM SHALL BE USED WHERE SPECIFIED OR DETAILED. RESILIENT CHANNELS AND FURRING CHANNELS SPACED 24" O.C. VERTICALLY MAX. 4" MAX FROM TOP AND BOTTOM ENDS.
11. ALL STEEL STUDS ARE CONTINUOUS FROM FLOOR TRACK TO BOTTOM OF DECK ABOVE, UNLESS NOTED OTHERWISE. ALLOW FOR DEFLECTION WITH TOP TRACK ASSEMBLY.
12. COLD FORMED METAL FRAMING SHALL BE USED IN LIEU OF STEEL STUDS WHERE REQUIRED TO MAINTAIN STUD WIDTH INDICATED ON THE DRAWINGS.
13. ALL GYPSUM BOARD IS TO BE 5/8" THICK UNLESS NOTED OTHERWISE.
14. PARTITION TYPE REFERENCES DO NOT INCLUDE THE APPLIED FINISHES INDICATED BY THE ROOM FINISH REFERENCE AND ROOM FINISH SCHEDULE.
15. REFER TO PARTITION DETAILS, DOOR INFORMATION, AND DOOR DETAILS FOR FRAMING AND ANCHORAGE AT DOORS.
16. INSTALL DOUBLE 20 GA. STUDS AT ALL OPENINGS, HEADS, SILLS, JAMBS UNLESS NOTED OTHERWISE AT MINIMUM.
17. WHERE ITEMS RECESSED IN THE WALLS OF FIRE RATED PARTITIONS, PROVIDE ADDITIONAL GYPSUM BOARD, FIREPROOFING, OF FIRESTOPPING AROUND THE RECESSED PORTION OF ITEM, IN THICKNESS AND CONSTRUCTION AS REQUIRED TO NOT VIOLATE THE FIRE RATING OF THE PARTITION.
18. PARTITION CONDITIONS. AT ALL CONDITIONS WHERE FIRE RATED PARTITIONS ABUT OR ATTACH TO FIREPROOFED STRUCTURAL MEMBERS, THE FIRE RATING OF THE FIREPROOFED STRUCTURAL MEMBER AND THE FIRE RATING OF THE PARTITION SHALL NOT BE VIOLATED.
19. REFER TO SYMBOLS ON PLAN FOR FLOOR PLAN INDICATION OF CHANGES IN PARTITION TYPE.
20. ALL JOINTS IN GYPSUM BOARD SURFACES TO BE TAPED AND FLOATED, INCLUDING RATED PARTITIONS, UNRATED PARTITIONS, EXPOSED SURFACES, CONCEALED SURFACES, AND SURFACES ABOVE THE CEILINGS.
21. ALL SOUND ATTENUATION BLANKETS SHALL BE CONTINUOUS FOR THE FULL HEIGHT OF PARTITION AND FULL WIDTH OF THE PARTITION, UNLESS OTHERWISE NOTED.
22. PARTITION TYPES AND DETAILS SHOWN HEREIN ARE TYPICAL. WHERE PARTITION TYPES OR DETAILS VARY ONLY SLIGHTLY FROM THE TYPICAL, THE ABBREVIATION "SIM" SHALL BE USED ADJACENT TO THE PARTITION TYPE REFERENCE OR DETAIL REFERENCE. PARTITIONS OR DETAILS NOT SIMILAR SHALL BE CONSTRUCTED IN A LOGICAL MANNER USING THE PRINCIPLES EVIDENT IN THE TYPICAL PARTITION TYPES AND DETAILS, AND IN ACCORDANCE WITH SPECIFICATION SECTIONS.
23. STC RATING SHOWN IN PARTITION TABLES ARE TAKEN FROM MANUF. PRODUCT LITERATURE. ADDITIONAL STC INFORMATION IS AVAILABLE THROUGH ADDITIONAL RESOURCES.
24. ALL FIRE, SMOKE OR FIRE SMOKE PARTITIONS SHALL HAVE MECH. AND ELEC. DEVICES SEALED WITH PUTTY PACKS OR CONSTRUCTED IN A MANNER SO AS NOT TO VIOLATE THE RATING. OTHER UNRATED PARTITIONS SHALL HAVE MECH. AND ELEC. DEVICES SEALED WITH PUTTY PACKS FOR WALLS THAT EXCEED STC 45.

REFERENCES

1. SSMA - STEEL STUD MANUFACTURERS ASSOCIATION, "PRODUCT TECHNICAL INFORMATION," COPYRIGHT 2010.
2. SFIA - STEEL FRAMING INDUSTRY ASSOCIATION, "TECHNICAL GUIDE FOR COLD-FORMED STEEL FRAMING," COPYRIGHT 2011.
3. ASTM - ASTM INTERNATION DESIGNATION C754-08, "STANDARD SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW-ATTACHED GYPSUM PANEL PRODUCTS."
4. GA - GYPSUM ASSOCIATION, "FIRE RESISTIVE DESIGN MANUAL," 19TH EDITION GA-600-2009.
5. UL - UNDERWRITER'S LABORATORIES, "BUILDING MATERIALS, FIRE PROTECTION, ROOFING MATERIALS AND SYSTEMS AND FIRE RESISTANCE DIRECTORIES (4 VOLUMES)," 2011 EDITION.
6. WHI-WARNOCK HERSEY MARK DIRECTORY
7. ICBO- ICBO EVALUATION SERVICES, INC. EVALUATION REPORT No. 3579
8. SAFB- MANUFACTURER THERMAFIBER PRODUCT: SOUND ATTENUATION FIRE BLANKET.

PARTITION PRIORITY LEGEND



PARTITION	PRIORITY
4 - HOUR FIRE PARTITION	PRIORITY 1 - HIGHEST
2 - HOUR FIRE/SMOKE PARTITION	PRIORITY 2
2 - HOUR FIRE PARTITION	PRIORITY 3
1 - HOUR FIRE/SMOKE PARTITION	PRIORITY 4
1 - HOUR FIRE PARTITION	PRIORITY 5
1 - HOUR SMOKE BARRIER PARTITION	PRIORITY 6
NON-RATED PARTITION	PRIORITY 7 - LOWEST

VER 1.04 12/19/2012

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com
TEL 214 522 3900
FAX 214 522 4380
ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02
3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

04/10/2025

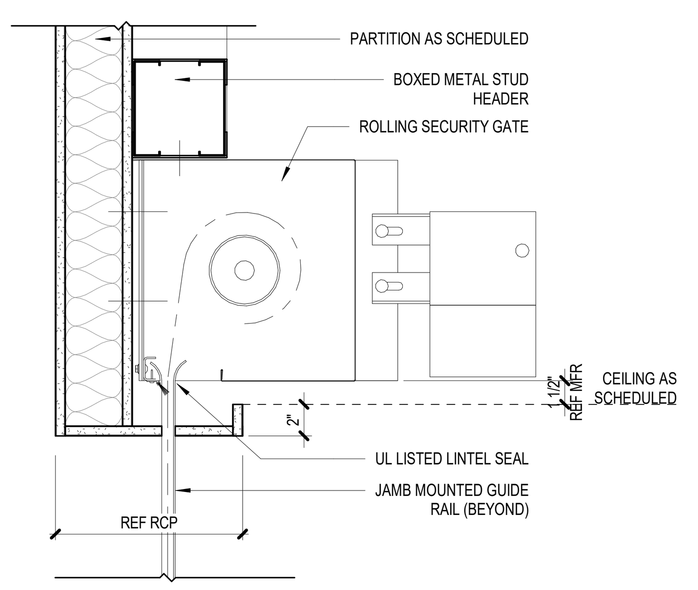
ARCHITECTURAL - PARTITION SCHEDULE

DRAWN BY: TEAM
CHECKED BY: TEAM
PROJECT NUMBER: 320026.05
PROJECT ABBREVIATION: TTUHSC-PSL-02-01
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

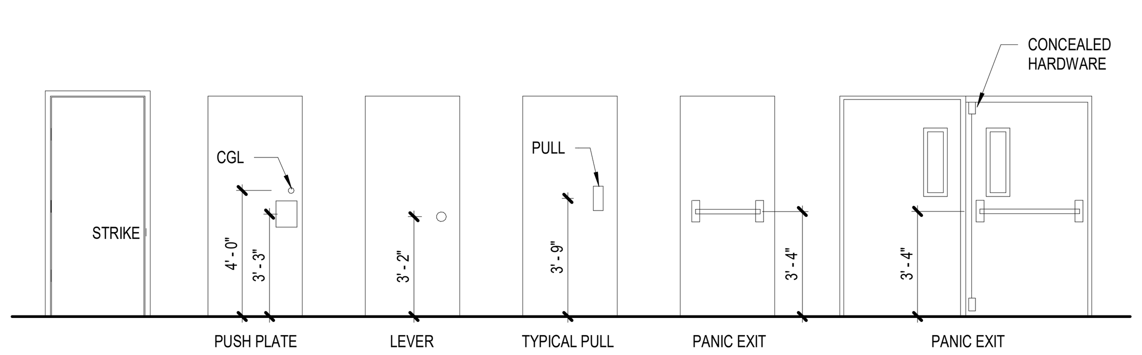
A-601
SHEET NUMBER

Door Number	Door Type	From Room		To Room		Door					Fire Rating	Hardware Set	Frame				Comments
		Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Finish			Type	Material	Jamb	Head	
101A	EE	COMMUNICATING SPACE	101	VESTIBULE	101A	6' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	1.0	-	ALUM	-	-	MATCH EXISTING VESTIBULE DOORS
101B	EE	COMMUNICATING SPACE	101	VESTIBULE	101A	6' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	1.0	-	ALUM	-	-	MATCH EXISTING VESTIBULE DOORS
118	A	COMMUNICATING SPACE	101	LIBRARY TECHNICAL RESOURCES, PROCESSING, & INTERLIBRARY LOANS	118	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	13.0	A	HM	3/A-611	4/A-611	
118A	A	LOUNGE	118A	LIBRARY TECHNICAL RESOURCES, PROCESSING, & INTERLIBRARY LOANS	118	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	22.0	A	HM	3/A-611	4/A-611	
118C	A	LIBRARY TECHNICAL RESOURCES, PROCESSING, & INTERLIBRARY LOANS	118	OFFICE	118C	3' - 0"	7' - 0"	0' - 1 7/8"	SCW	PLM-1	NR	19.0	G	HM	3/A-611	4/A-611	
118D	A	LIBRARY TECHNICAL RESOURCES, PROCESSING, & INTERLIBRARY LOANS	118	OFFICE	118D	3' - 0"	7' - 0"	0' - 1 7/8"	SCW	PLM-1	NR	19.0	G	HM	3/A-611	4/A-611	
Grand total: 6																	

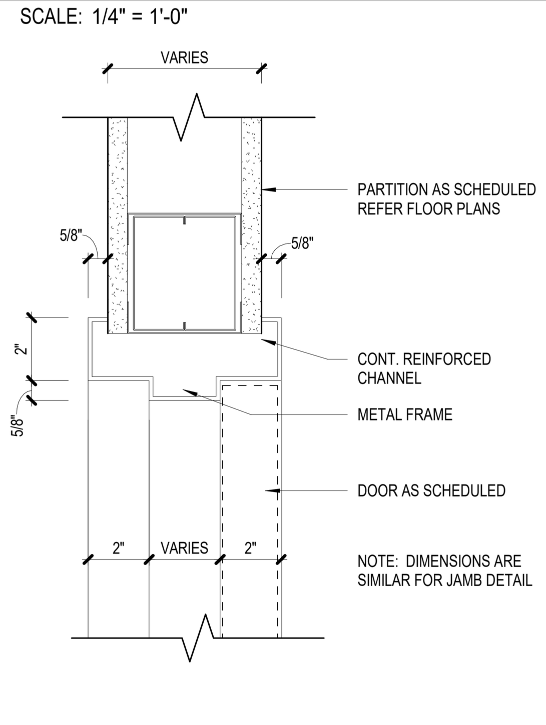
Door Number	Door Type	From Room		To Room		Door					Fire Rating	Hardware Set	Frame				Comments
		Room Name	Room #	Room Name	Room #	Overall Width	Height	Thickness	Material	Finish			Type	Material	Jamb	Head	
2C01	A	COMMUNICATING SPACE	200	HOUSEKEEPING	2C01	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
2C02	A	HSKP	2C02	HALL	2H03	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
2H03	A	CORRIDOR	B197	HALL	2H03	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	10.0	A	HM	3/A-611	4/A-611	PREP DOOR FOR CARD READER
2H04.1	G	CORRIDOR	B197	HALLWAY	2H04	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
2H04.2	A	CORRIDOR	B197	HALLWAY	2H04	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
2M01.1	A	2M01	102	251	107	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	18.0	A	HM	3/A-611	4/A-611	
2M01.2	AA	2M01	102	251	107	6' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	8.0	B	HM	3/A-611	4/A-611	
2M02	A	ELEC	2M02	CORRIDOR	B197	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	17.0	A	HM	3/A-611	4/A-611	
2M03	A	CORRIDOR	B197	2M03	5	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	17.0	A	HM	3/A-611	4/A-611	
2M05	AA	BUILDING SERVICES	2M05	COMMUNICATING SPACE	200	6' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	7.0	B	HM	3/A-611	4/A-611	
2NSTAIR	N	251	107	STAIR	2NSTAIR	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	45 MIN	9.0	A	HM	3/A-611	4/A-611	
2R01	A	251	107	F RESTROOM	2R01	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	24.0	A	HM	3/A-611	4/A-611	
2R02	A	251	107	M RESTROOM	2R02	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	24.0	A	HM	3/A-611	4/A-611	
2R03	A	CORRIDOR	B197	2R03	7	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	23.0	A	HM	3/A-611	4/A-611	
2R04	A	CORRIDOR	B197	2R04	6	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	23.0	A	HM	3/A-611	4/A-611	
2SSTAIR	N	HALL	2H03	STAIR	3	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	45 MIN	9.0	A	HM	3/A-611	4/A-611	
2T01	A	2M01	102	2T01	103	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	17.0	A	HM	3/A-611	4/A-611	
2T02	A	2M01	102	2T02	101	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	17.0	A	HM	3/A-611	4/A-611	
200	A	COMMUNICATING SPACE	200			3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	11.0	A	HM	3/A-611	4/A-611	
200A	A	COMMUNICATING SPACE	200	RESPIT ROOM	200A	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	23.0	A	HM	3/A-611	4/A-611	
200B	A	RESPIT ROOM	200B	COMMUNICATING SPACE	200	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	23.0	A	HM	3/A-611	4/A-611	
201.1	EE	CORRIDOR	B197	COMMUNICATING SPACE	200	6' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	3.0	-	ALUM	-	-	PREP DOOR FOR CARD READER
201.2	EE	CORRIDOR	B197	COMMUNICATING SPACE	200	6' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	2.0	-	ALUM	-	-	
201A	E	HUDDLE ROOM	201A	CORRIDOR	B197	3' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	12.0	-	ALUM	-	-	CARD READER
201B	E	HUDDLE ROOM	201B	CORRIDOR	B197	3' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	12.0	-	ALUM	-	-	CARD READER
201C	E	CORRIDOR	B197	HUDDLE ROOM	201C	3' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	12.0	-	ALUM	-	-	CARD READER
201F	N	CORRIDOR	B197	OFFICE, LIBRARIAN	201F	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
201G	N	CORRIDOR	B197	OFFICE, LIBRARIAN	201G	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
201H	N	CORRIDOR	B197	OFFICE, LIBRARIAN	201H	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
201J	N	CORRIDOR	B197	OFFICE, LIBRARIAN	201J	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
201K	N	CORRIDOR	B197	OFFICE, LIBRARIAN	201K	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
201L	AA	STORAGE	201L	OPEN STUDY, COLLABORATIVE (FLEX EVENT SPACE)	201E	6' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	6.0	B	HM	3/A-611	4/A-611	
202	GG	CORRIDOR	B197	RARE BOOKS	202	6' - 0"	7' - 0"	0' - 1 7/8"	SCW/GLASS	PLM-1	NR	5.0	B	HM	3/A-611	4/A-611	KEY LOCK
203A	N	CLASSROOM A, ACADEMY	203A	CORRIDOR	B197	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	11.0	A	HM	3/A-611	4/A-611	
203B	N	CORRIDOR	B197	CLASSROOM B, ACADEMY	203B	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	11.0	A	HM	3/A-611	4/A-611	
204A	A	CORRIDOR	B197	OPEN OFFICE	204	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	13.0	A	HM	3/A-611	4/A-611	CARD READER
204B	A	HALLWAY	2H04	OPEN OFFICE	204	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
205A	A	HALLWAY	2H04	TITLE IX CARE TEAM	205	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
205B	A	CORRIDOR	B197	TITLE IX CARE TEAM	205	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
206	A	LOUNGE	206	HALLWAY	2H04	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	22.0	A	HM	3/A-611	4/A-611	
207	A	OFFICE, ACADEMY	207	HALLWAY	2H04	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
208	A	OFFICE, ACADEMY	208	HALLWAY	2H04	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
209	A	OFFICE, ACADEMY	209	HALLWAY	2H04	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
210	A	OFFICE, ACADEMY	210	HALLWAY	2H04	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
211	G	HALLWAY	2H04	COLLABORATION SUITE 01	211	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
211A	A	COLLABORATION SUITE 01	211	OFFICE	211A	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
211B	A	COLLABORATION SUITE 01	211	OFFICE	211B	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
211C	A	COLLABORATION SUITE 01	211	OFFICE	211C	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
211D	A	OFFICE	211D	COLLABORATION SUITE 01	211	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
211E	A	OFFICE	211E	COLLABORATION SUITE 01	211	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
211F	A	COLLABORATION SUITE 01	211	OFFICE	211F	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
212	G	HALLWAY	2H04	COLLABORATION SUITE 02	212	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
212A	A	COLLABORATION SUITE 02	212	OFFICE	212A	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
212B	A	COLLABORATION SUITE 02	212	OFFICE	212B	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	20.0	A	HM	3/A-611	4/A-611	KEY LOCK
212C	A	OFFICE	212C	COLLABORATION SUITE 02	212	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
212D	A	COLLABORATION SUITE 02	212	OFFICE	212D	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
212E	A	OFFICE	212E	COLLABORATION SUITE 02	212	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
212F	A	COLLABORATION SUITE 02	212	OFFICE	212F	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
213	G	HALLWAY	2H04	COLLABORATION SUITE 03	213	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	
213A	A	COLLABORATION SUITE 03	213	OFFICE	213A	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
213B	A	OFFICE	213B	COLLABORATION SUITE 03	213	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
213C	A	COLLABORATION SUITE 03	213	OFFICE	213C	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
213D	A	OFFICE	213D	COLLABORATION SUITE 03	213	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
213E	A	COLLABORATION SUITE 03	213	OFFICE	213E	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
213F	A	COLLABORATION SUITE 03	213	OFFICE	213F	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	KEY LOCK
214	E	CORRIDOR	B197	GLOBAL HEALTH, LIBRARY	214	3' - 0"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	15.0	-	ALUM	-	-	
214A	A	GLOBAL HEALTH, LIBRARY	214	GLOBAL HEALTH, OFFICE	214A	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
214B	A	GLOBAL HEALTH, OFFICE	214B	HALLWAY	214C	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
215	EE	MAKER SPACE	215	CORRIDOR	B197	6' - 0 1/2"	7' - 0"	PER MFR	ALUM/GLASS	-	NR	4.0	-	ALUM	-	-	
215A	A	OFFICE, MAKER SPACE	215A	MAKER SPACE	215	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
217	A	CORRIDOR	B197	PATRON SERVICES DESK	217D	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	KEY LOCK
217A	G	WORKROOM	217	OFFICE	217A	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
218	N	CORRIDOR	B197	OFFICE, LIBRARIAN	218	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220	G	CORRIDOR	B197	WAITING	220	3' - 0"	7' - 0"	0' - 1 3/4"	SCW/GLASS	PLM-1	NR	14.0	A	HM	3/A-611	4/A-611	KEY LOCK
220A	A	WAITING	220	OFFICE, ADMIN	220B	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220B	A	LIBRARY ADMINISTRATION	220L	OFFICE, ADMIN	220B	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220C	A	LIBRARY ADMINISTRATION	220L	OFFICE, ADMIN	220C	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220D	A	LIBRARY ADMINISTRATION	220L	EXEC OFFICE, ADMIN	220D	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220E	A	LIBRARY ADMINISTRATION	220L	OFFICE, BUSINESS	220E	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220F	A	LIBRARY ADMINISTRATION	220L	OFFICE, ADMIN	220F	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220G	A	LIBRARY ADMINISTRATION	220L	OFFICE, ADMIN	220G	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220H	A	LIBRARY ADMINISTRATION	220L	OFFICE, TECH	220H	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
220J	A	LIBRARY ADMINISTRATION	220L	CONFERENCE ROOM	220J	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	21.0	A	HM	3/A-611	4/A-611	
220K	A	COPY | FILE	220KA	OFFICE, TBD	220K	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	19.0	A	HM	3/A-611	4/A-611	
251	A	CORRIDOR	B194	251	107	3' - 0"	7' - 0"	0' - 1 3/4"	SCW	PLM-1	NR	22.0	A	HM	3/A-611	4/A-611	
Grand total: 85																	



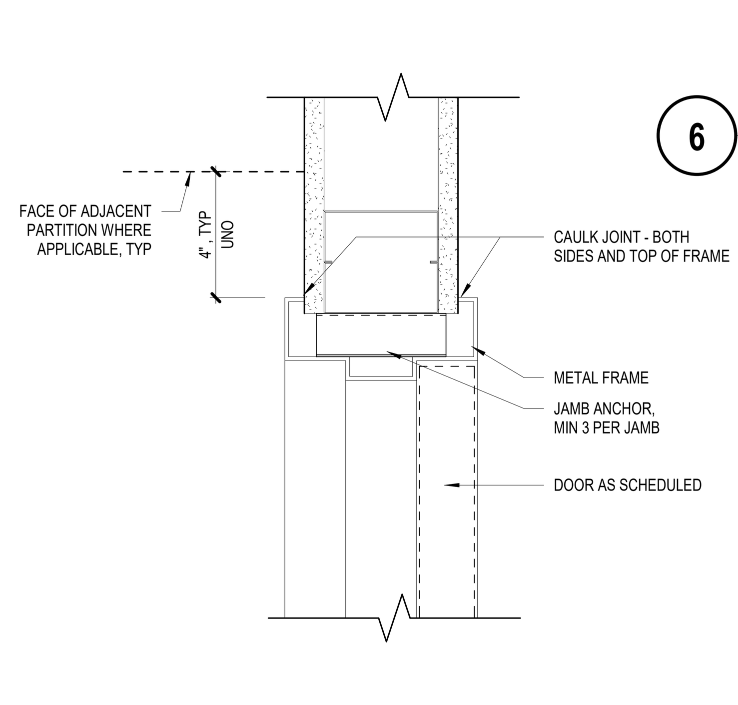
8 **COUNTER SHUTTER HOOD @ DRYWALL**
SCALE: 1 1/2" = 1'-0"



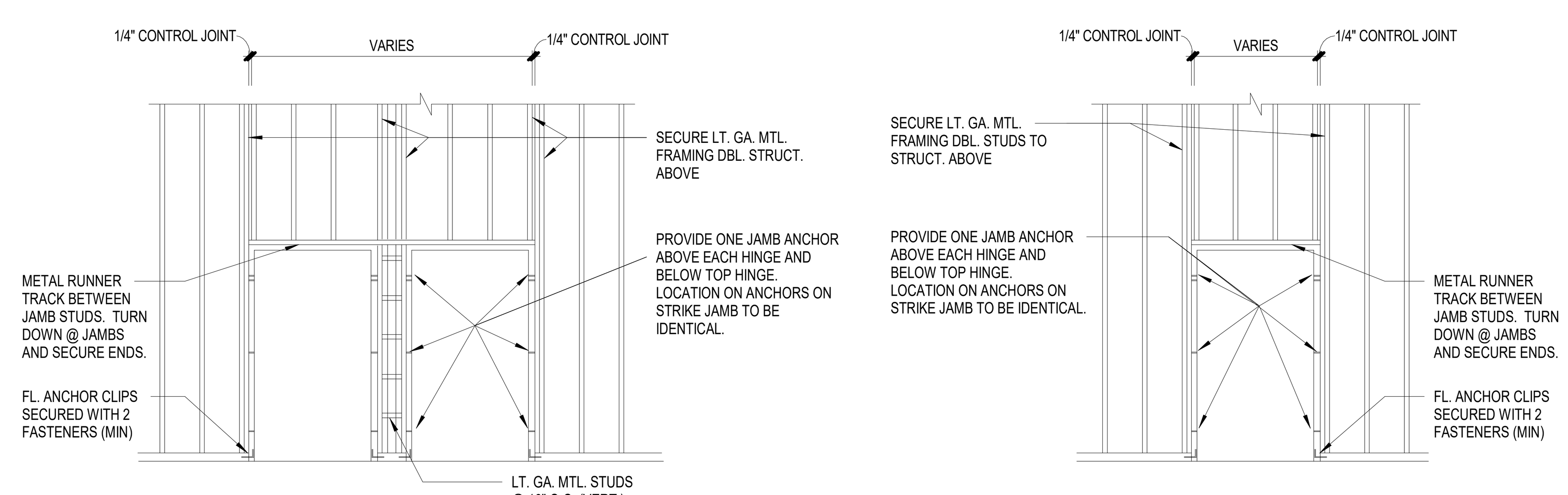
7 **HARDWARE MOUNTING HEIGHTS**
SCALE: 1/4" = 1'-0"



4 **HM FRAME HEAD**
SCALE: 3" = 1'-0"

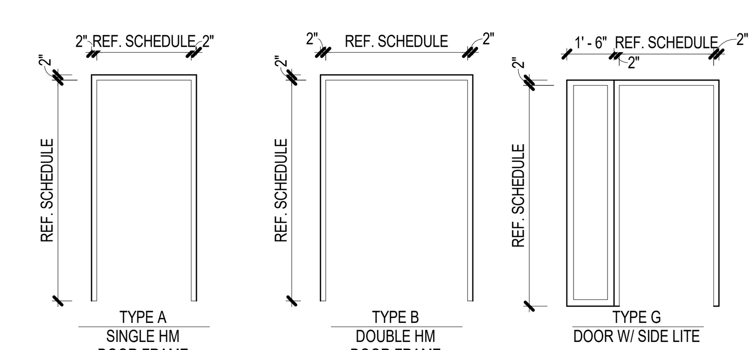


3 **HM FRAME JAMB**
SCALE: 3" = 1'-0"

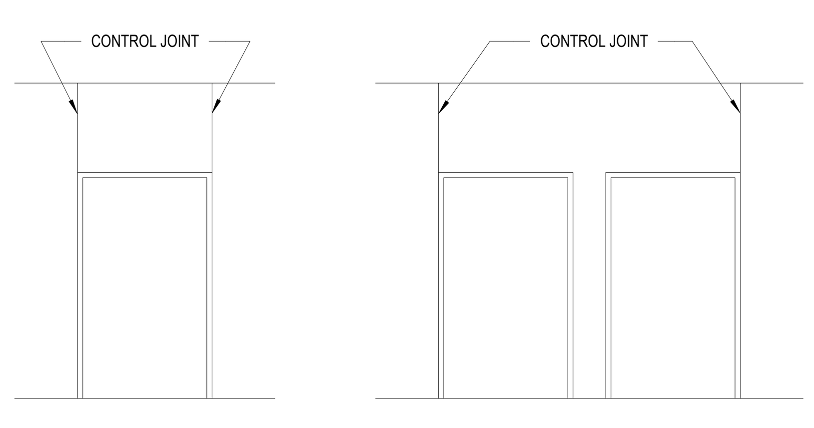


NOTE: PROVIDE DOOR FRAME ANCHORS AT MIDPOINT OF HEAD FOR FRAMES W/ PAIRS OF DOORS.

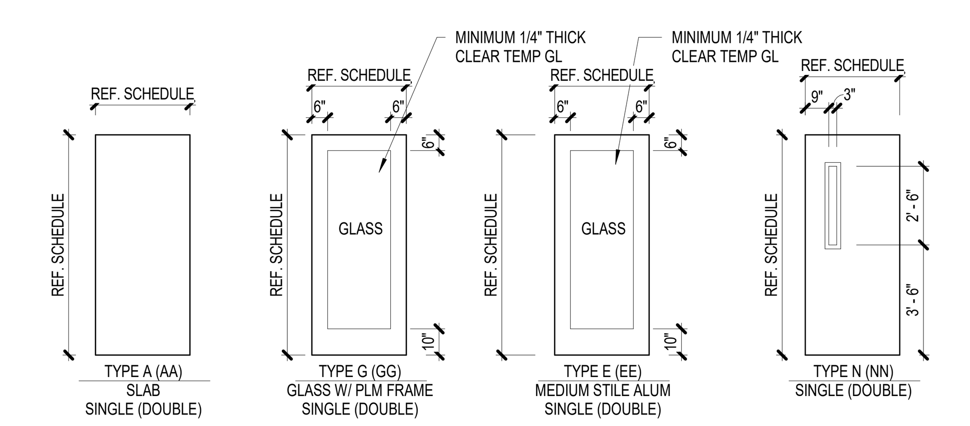
6 **DOOR FRAMING ELEVATIONS**
SCALE: 1/4" = 1'-0"



5 **INTERIOR DOOR FRAME TYPES**
SCALE: 1/4" = 1'-0"



2 **DOOR CONTROL JOINT ELEVATIONS**
SCALE: 1/4" = 1'-0"



1 **INTERIOR DOOR TYPES**
SCALE: 1/4" = 1'-0"

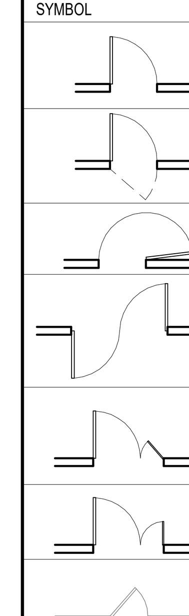
DOOR & FRAME GENERAL NOTES

1. FOR GENERAL NOTES REGARDING DOORS AND DOOR FRAMES SEE SHEET A-611.
2. FOR DETAILS RELATING TO THE HEAD, JAMB, AND SILL FOR EACH DOOR TYPE, REFERENCE SHEET A-611.
3. LOCATE DOOR FRAMES WITH THE HINGE SIDE OF THE JAMB 4" FROM THE CORNER OF THE SPACE UNLESS SHOWN CENTERED IN THE WALL OR DIMENSIONED OTHERWISE.
4. FIRE LABELS ARE UL CLASSIFICATIONS WITH FIRE RATINGS SHOWN IN MINUTES. FIRE RATINGS AND/OR LABELS REQUIRED FOR DOORS APPLY EQUALLY TO THE FRAME AND THE HARDWARE. ANYWHERE A RATING IS SHOWN IN THE SCHEDULE, THE APPLICABLE LABEL SHALL BE APPLIED TO THE DOOR, THE FRAME, AND THE HARDWARE THAT IS TO BE USED ON SAID DOOR.
5. SIZE ALL FRAME THROAT DIMENSIONS 1/8" GREATER THAN THE ACTUAL PARTITION THICKNESS. ACTUAL THICKNESS INCLUDES ALL MATERIALS LISTED IN THE PARTITION SCHEDULE PLUS ALL OTHER MATERIALS (I.E. LEAD LINING) THAT ARE TO BE BUILT INTO THE PARTITION. DO NOT INCLUDE FINISHES APPLIED TO THE FACE OF THE PARTITION WHEN DETERMINING PARTITION THICKNESS UNLESS NOTED OTHERWISE.
6. ALL HM, WD, AND SCW DOORS ARE TO BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
7. THE GENERAL CONTRACTOR IS TO COORDINATE THE INSTALLATION OF CARD READERS, ELECTRONIC LOCKING DEVICES, FIRE ALARMS, AUTO OPERATORS, AND ALL OTHER MONITORING DEVICES WITH THE DOOR AND FRAME HARDWARE.
8. FOR LEAD LINED DOORS, REFERENCE HEAD AND JAMB DETAILS FOR IN-WALL STEEL AND TUBE SUPPORTS. SEE SHEET A-611.
9. LEAD LINING, RF SHIELDING, AND ACOUSTICAL RATINGS REQUIRED FOR A GIVEN DOOR APPLY EQUALLY TO THE FRAME, GLAZING (IF PRESENT), AND THE HARDWARE.
10. PROVIDE A 3/4" UNDERCUT AT ALL TOILET ROOM DOORS - TYP.
11. THE UNDERCUT ON FIRE RATED DOORS (IF REQUIRED) SHALL NOT EXCEED 3/4".
12. ALL GLAZING USED IN THE INTERIOR DOORS SHALL BE LAMINATED TEMPERED "SAFETY GLASS" UNLESS NOTED OTHERWISE.
13. FOR ANY FIRE RATED DOORS THAT REQUIRE GLAZING, SAID GLAZING SHALL HAVE THE SAME RATING AS THE DOOR ITSELF AND SHALL NOT BE "WIRE GLASS".
14. FOR SITE ACCESS GATE DOOR AND DOOR TAG LOCATIONS REFER TO THE ENLARGED SITE PLAN SHEET AS-SERIES.
15. ALL DOORS THAT ARE TO RECEIVE PANIC HARDWARE (ELECTRIFIED OR NOT) SHALL HAVE CONCEALED VERTICAL RODS WITHIN THE DOOR LEAF.
16. ALL MAG LOCKS SHALL BE SUPPLIED WITH A DC POWER ADAPTER.
17. FOR ALL OTHER DOOR SCHEDULE ABBREVIATIONS SEE LISTS BELOW.

FINISHES:
A: PAINT HM FRAMES UNO.
B: PAINT HM DOORS UNO.
C: PLAM SCW DOOR UNO.
D: STORE FRONT DOOR FINISH PER SPECIFICATION.
E: STAIN WOOD VENEER DOORS UNO.
F: SEE SPECIFICATIONS FOR ALL OTHER DOORS.

LABELS - FIRE RATINGS
3 HOURS
90 MINUTES
45 MINUTES
20 MINUTES
ST SMOKE TIGHT

DOOR & FRAME LEGEND



SYMBOL	DESCRIPTION
	NEW DOOR AND FRAME
	NEW DOOR AND FRAME WITH EMERGENCY RELEASE
	NEW DOOR AND FRAME ALLOW 180 ˚SWING
	NEW DOOR AND FRAME DOUBLE EGRESS
	NEW DOOR PAIR AND FRAME ONE LEAF INACTIVE
	NEW DOOR AND FRAME UNEQUAL PAIR AS SCHED.
	EXISTING DOOR AND FRAME

DOOR SCHEDULE FINISH AND MATERIAL ABBREVIATIONS:

HM - HOLLOW METAL
PLM - PLASTIC LAMINATE
CGL - CLEAR GLASS (TEMPERED AND LAMINATED)
OGL - OPAQUE GLASS (TEMPERED AND LAMINATED)
GYP - GYPSUM BOARD
WD - WOOD
SCW - SOLID CORE WOOD
STAIN - STAINED WOOD
SS - STAINLESS STEEL
STL - STEEL
CA - CLEAR ANODIZED ALUMINUM
AL - ALUMINUM
PNT - PAINT
ACR - ACRYLIC

DOOR SCHEDULE COMMENTS CODES AND ABBREVIATIONS:

ADO - AUTOMATIC SWING DOOR OPERATOR
SDO - AUTOMATIC SLIDING DOOR OPERATOR
CR - CARD READER
ML - MAGNETIC LOCK (INTEGRATED DPS)
EL - ELECTRIC LOCKSET (INTEGRATED REX)
REX - REQUEST TO EXIT SWITCH
IREX - INFRARED SENSOR REX
MREX - MOTION SENSOR REX
MHO - MAGNETIC HOLD OPEN
HO - ELECTRIC HOLD OPEN DEVICE
EPT - ELECTRIC POWER TRANSFER
DPS - DOOR POSITION SENSOR
P - EXIT/PANIC HARDWARE
EP - ELECTRIC EXIT/PANIC HARDWARE (INTEGRATED REX)
EPA - ELECTRIC EXIT/PANIC HARDWARE (LOCAL AUDIBLE AND MONITORING)
SMK - SMOKE SEALS
SND - SOUND SEALS
B - BULLET RESISTANT
LL - LEAD-LINED DOOR
CYL - CYLINDER LOCK W/ KEY OVERRIDE
180 - DOOR WITH A 180 DEGREE SWINGING HINGE
FH - FIXED HANDLE / DUMMY HARDWARE
LK - DOOR LOCK
PL - DOOR PRIVACY LOCK
PS - DOOR PASSAGE SET
CL - DOOR CLOSER
PP - PUSH PULL
KP - KEY PAD
PB - PUSH BUTTON
RR - REMOTE RELEASE
NR - DOOR NOT FIRE RATED

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

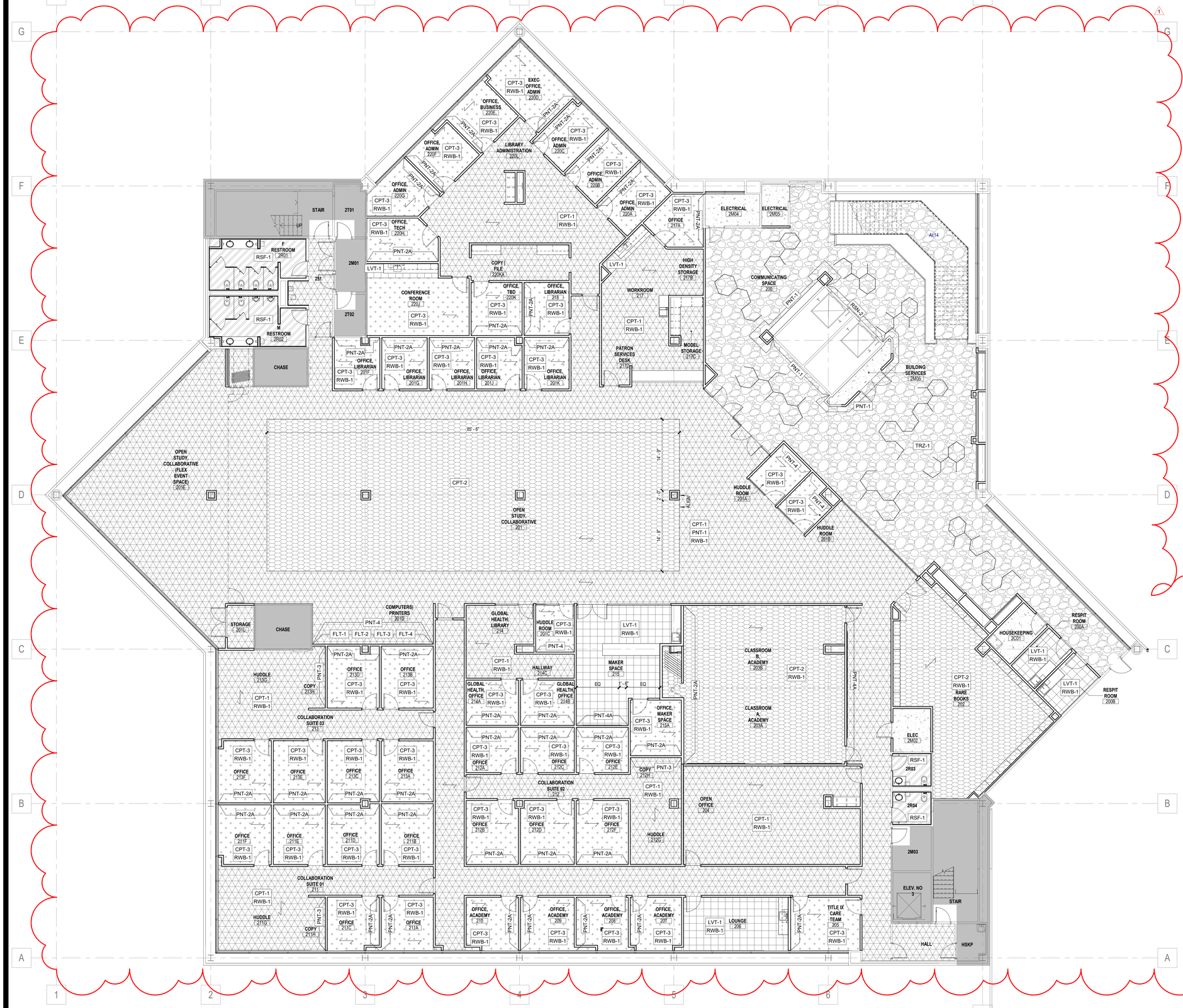
PROFESSIONAL SEALS
REGISTERED ARCHITECT
MATTIA FLABIANO III
10900
STATE OF TEXAS
04/10/2025

ARCHITECTURAL - DOOR / FRAME ELEVATIONS, DETAILS, AND SCHEDULE

DRAWN BY	CHECKED BY
TEAM	TEAM
PROJECT NUMBER	PROJECT ABBREVIATION
320026.05	TTUHSC-PSL-02-01
ORIGINAL ISSUE	DATE
ISSUE FOR CONSTRUCTION	21 MAR 2025

A-611
SHEET NUMBER

FILE PATH
USER NAME: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
DATE STAMP: 4/8/2025 5:20:09 PM



1 INTERIOR - FINISH FLOOR PLAN - LEVEL 02
SCALE: 1/8" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (2) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. TYPICAL WINDOW COVERING AT ALL PERIMETER WINDOW WALLS ARE BUILDING PROVIDED MINI-BLINDS, UNLESS NOTED OTHERWISE. GC TO PROTECT FROM DAMAGE THROUGHOUT THE DURATION OF CONSTRUCTION. PRIOR TO TENANT MOVE-IN, MINI-BLINDS ARE TO BE CLEANED AND REINSTALLED.
14. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
15. WALLS SHALL RECEIVE [PT-1] AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH [EGGSHELL].
16. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
17. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
18. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
19. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECTS SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
20. PAINT HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.

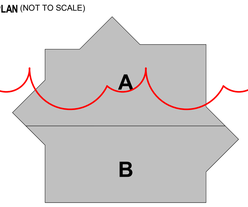
KEYED NOTES

NUMBER	DESCRIPTION
AI.14	TERRAZZO FLOOR FINISH ON STAIRS BETWEEN ALL LEVELS.

FINISH FLOOR LEGEND

SYMBOL	DESCRIPTION
	CPT-1 (FIELD)
	CPT-2 (COLLABORATIVE)
	CPT-3 (QUIET)
	SEC-1
	LVT-1
	TRZ-1
	EPX-1
	WOC-1
	TIL-1
	RSF-1

KEY PLAN (NOT TO SCALE)



Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

REGISTERED ARCHITECT CYNTHIA FLABIANO 10900 STATE OF TEXAS
04/10/2025

ARCHITECTURAL - INTERIORS PLAN - LEVEL 02

DRAWN BY	CHECKED BY
TEAM	TEAM
PROJECT NUMBER	PROJECT ABBREVIATION
320026.05	TTUHSC-PSL-02-01
ORIGINAL ISSUE	DATE
ISSUE FOR CONSTRUCTION	21 MAR 2025

AI-102
SHEET NUMBER

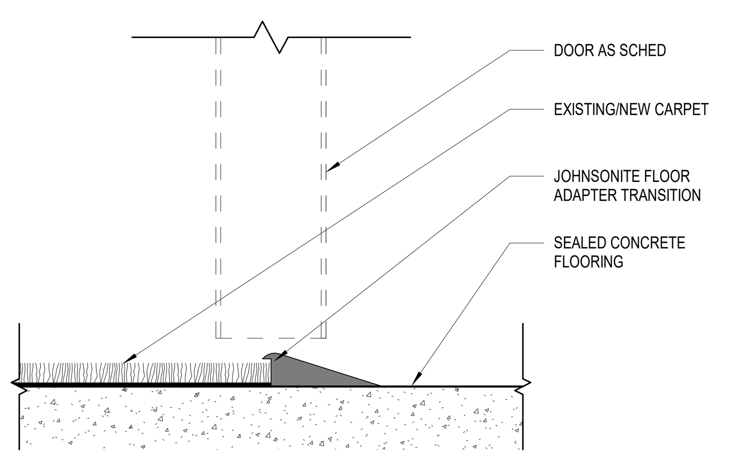
FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/8/2025 5:20:43 PM

1

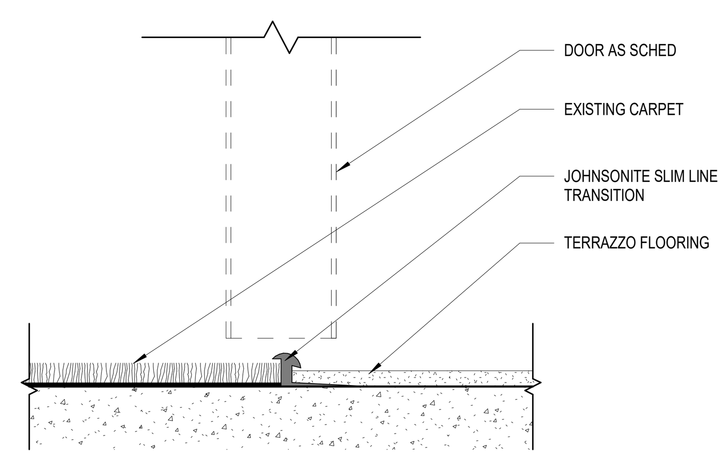
ITEM CODE	ITEM DESIGNATION	MANUFACTURER	MODEL	COLOR	COLOR NUMBER	FINISH, TEXTURE, PATTERN, SIZE	COMMENTS/CONTACT
Base							
INT-1	Integral Base	TARKETT	IQ OPTIMA	SHARKTALE	3077 262	6" HIGH	CAP COVE BASE WITH STANDARD STAINLESS STEEL TRIM
RWB-1	Resilient Base	ROPPE	700 SERIES	BLACK BROWN	P193	4" HIGH	NAME: MEREDITH BROWN PHONE: 806-548-4067 EMAIL: MEREDITH.BROWN@PROFESSIONALFLOORING.COM
TRZ-1	Terrazzo	SIGMA MARBLE		EPOXY GREY W TR GR, FWMOP		SEALER: CRYSTAL	
Ceiling							
ACT-1	Acoustical Ceiling Grid & Tile	USG	RADAR ACOUSTICAL PANELS	WHITE	2210	2'X4'	NAME: JAIME LEWIS PHONE: 972-750-6520 EMAIL: JXLEWIS@USG.COM
DCT-1	Decorative Ceiling Trim	IH HOME		CLASSIC 2 STEP CROWN MOLDING		3" HEIGHT. PAINT TO MATCH CEILING BEYOND, REFER TOSPEC FOR PAINT SHEEN	
DCT-2	Decorative Ceiling Trim	IH HOME		SIMPLE CHAIR RAIL / CASTING (LARGE)		3 1/8" WIDTH. PAINT TO MATCH CEILING BEYOND, REFER TO SPEC FOR PAINT SHEEN	
DOORS/FRAMES							
PNT-05	Paint	DUNN EDWARDS		MATCH BLACK FOX	MATCH SW7020	SEMI-GLOSS FINISH	
Floor							
CPT-1	Carpet	SHAW	HAND WOVEN TILE	TEJATE	21518	ASHLAR INSTALL, 18" X 36"	
CPT-2	Carpet	SHAW	LINEWEIGHT	CHARCOAL	13557	ASHLAR INSTALL, 18" X 36"	NAME: LISA MCNARY PHONE: 505-220-1312 EMAIL: LISA.MCNARY@SHAWCONTRACT.COM
CPT-3	Carpet	SHAW	ALBAN TILE	TEJATE	21518	ASHLAR INSTALL, 18" X 36"	
LVT-1	Resilien Tile	SHAW	CROSSING PATHS 2.5	SMOKY OAK	91516	18" X18"	
RSF-1	Resilient Sheet - Rubber	TARKETT	IQ OPTIMA	SHARKTALE	260		
SEC-1	Concrete - Sealed	DUNN EDWARDS	CLEAR	CLEAR	CLEAR		
TRZ-1	Terrazzo	SIGMA MARBLE		EPOXY GREY W TR GR, FWMOP		SEALER: CRYSTAL	
WOC-1	Walk-Off Carpet	MILLIKEN	CNC60-119	DARK GREY W/ RED		50CM X 50CM	
Millwork/Casework							
PLM-1	Plastic Laminate	WILSONART		MONTANA WALNUT	7110K-78	FINEGRAIN FINISH	MILLWORK(GRAIN TO RUN HORIZONTALLY) AND DOORS (GRAIN TO RUN VERTICALLY)
PLM-2	Plastic Laminate	WILSONART		DOVE GREY	D96-60	MATTE FINISH	
SSM-1	Solid Surface	CORIAN		RAIN CLOUD			NAME: MADIHA LATIF PHONE: 469-579-7300 EMAIL: MADIHA.LATIF@DUPONT.COM
SSM-2	Solid Surface	CORIAN		ARTISTA DUST			NAME: MADIHA LATIF PHONE: 469-579-7300 EMAIL: MADIHA.LATIF@DUPONT.COM
SSM-3	Solid Surface	LIVINGSTONE		FLAX	L200		NAME: MADIHA LATIF PHONE: 469-579-7300 EMAIL: MADIHA.LATIF@DUPONT.COM
Miscellaneous							
FLT-1	Felt	MPS ACOUSTICS	COLIGO	SLATE	33		REFER TO ELEVATION
FLT-2	Felt	MPS ACOUSTICS	COLIGO	GRANITE	18		REFER TO ELEVATION
FLT-3	Felt	MPS ACOUSTICS	COLIGO	MARBLE	03		REFER TO ELEVATION
FLT-4	Felt	MPS ACOUSTICS	COLIGO	CHERRY	25		REFER TO ELEVATION
GLB-1	Glassboard	CLARUS	FLOAT	WHITE			BOX TRAY: EQUAL MIX OF WHITE, RED, BLACK. MAGNET ERASER, V BOARD MARKERS
MTL-01	Metal	SCHLUTER	DILEX-HKU			STAINLESS	
MTL-02	Metal	SCHLUTER	JOLLY			STAINLESS	
OPF-1	Operable Partition Finish	TBD	TBD Standard Finish	TBD	TBD	TBD	
RSN-1	Resin Wall Panel	3FORM	VARIA	CONNECTION PURE + PURE RED + AVALANCHE		SANDSTONE, 1/4"	GINGER CRUIKSHANK - 214.802.7252, GINGER.CRUIKSHANK@3-FORM.COM. PNT-03 BEHIND PANELS ON LEVEL 1 AND PNT-4 BEHIND PANELS ON LEVEL 2
RSN-2	Resin Wall Panel	3FORM	VARIA	CONNECTION PURE + SMUDGE + AVALANCHE		SANDSTONE, 1/4"	GINGER CRUIKSHANK - 214.802.7252, GINGER.CRUIKSHANK@3-FORM.COM
Wall							
PNT-1	Paint	DUNN EDWARDS		HSC BONE WHITE		EGGSHELL	
PNT-1A	Paint	BENJAMIN MOORE	SCUFF-X	HSC BONE WHITE		EGGSHELL	
PNT-2	Paint	DUNN EDWARDS		MATCH ACIER	MATCH SW9170	EGGSHELL	
PNT-2A	Paint	BENJAMIN MOORE	SCUFF-X	MATCH ACIER	MATCH SW9170	EGGSHELL	
PNT-3	Paint	DUNN EDWARDS	MATCH SW6866	MATCH HEARTTHROB RED	MATCH SW6866	EGGSHELL	
PNT-4	Paint	DUNN EDWARDS	MATCH SW7019	MATCH GAUNTLET GREY	MATCH SW7019	EGGSHELL	
PNT-4A	Paint	BENJAMIN MOORE	SCUFF-X	MATCH GAUNTLET GREY	MATCH SW7019	EGGSHELL	
TIL-1	Tile	TILEBAR	EDEN 2.0	ANTIGUAN SKY			GROUT: LATICRETE PERMACOLOR
TIL-2	Tile	CONCEPT SURFACES	BOTTEGA	WHITE			
TIL-3	Tile	TILEBAR	HEXART POP	GRIS GRAY		8"	
WCV-1	Textiles	DESIGNTEX	EVERYWHERE TEXTURE	CREAM	4147-101		WRAPPED AROUND HOMASOTE PANEL

INTERIOR FINISH GENERAL NOTES

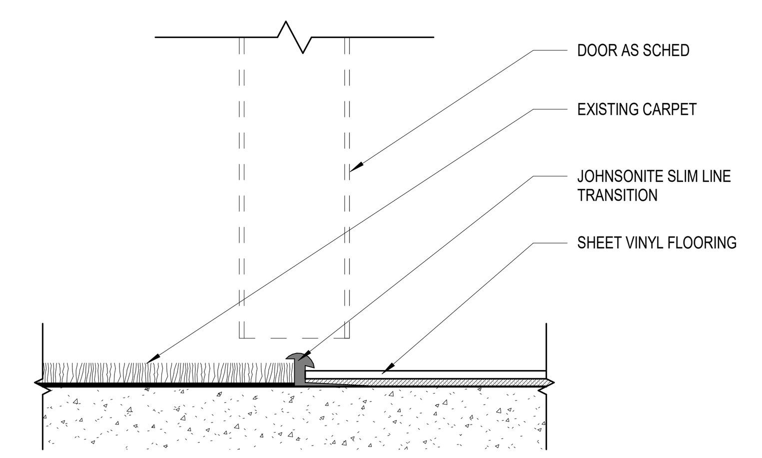
1. NO SUBSTITUTIONS OF FINISHES ARE ALLOWED WITHOUT APPROVAL OF ARCHITECT.
2. SUBMIT (2) SAMPLES OF EACH FINISH AS SPECIFIED ON APPROPRIATE SUBSTRATE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
3. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS FOR INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH APPLICABLE CODES.
4. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR IN CLOSED POSITION, UNO.
5. PROVIDE TRANSITION STRIP BETWEEN SCHEDULED CARPET, RESILIENT FLOORING, STONE FLOORING, AND TILE AS REQUIRED; UNO. REFER TO SECTION 096500. COLOR TO MATCH CARPET.
6. FLOORING TRANSITIONS SHALL BE COMPLETELY FLUSH. FIELD VERIFY FLOOR SLAB AND NOTIFY ARCHITECT OF AREAS TO BE LEVELED BEFORE COMMENCING WORK. PROVIDE ADEQUATE FLOOR LEVELING MATERIAL TO MAINTAIN CONSISTENT LEVEL FLOOR SURFACE BETWEEN DIFFERENT FLOORING FINISH MATERIALS. NOTIFY ARCHITECT IMMEDIATELY IF EXCESSIVE FLOOR FLOAT IS REQUIRED.
7. TYPICAL FLOOR BASE SHALL BE RB-1, UNO.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH INFORMATION.
9. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS, INCLUDING DIMENSIONS AND EXTENT OF SPECIAL WALL FINISHES.
10. GYPSUM BOARD PARTITIONS SHALL BE FLOATED OUT TO MAINTAIN A SMOOTH, EVEN, CONSISTENT APPEARANCE IN ACCORDANCE WITH SPECIFICATION SECTION 092900. NOTICEABLE JOINTS OR TAPE LINES IN GYPSUM BOARD PARTITIONS WILL NOT BE ACCEPTABLE. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL WALL FINISH INFO.
11. PAINTED WALLS SHALL HAVE AN EVEN DEPTH OF COLOR AND REFLECTANCE. IF A PORTION OF A WALL IS REPAINTED AND AN EVEN FINISH IS NOT ACHIEVED, THE ENTIRE WALL SHALL BE REPAINTED.
12. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING.
13. TYPICAL WINDOW COVERING AT ALL PERIMETER WINDOW WALLS ARE BUILDING PROVIDED MINI-BLINDS, UNLESS NOTED OTHERWISE. GC TO PROTECT FROM DAMAGE THROUGHOUT THE DURATION OF CONSTRUCTION. PRIOR TO TENANT MOVE-IN, MINI-BLINDS ARE TO BE CLEANED AND REINSTALLED.
14. ELECTRICAL COMMUNICATION DEVICES AND COVER PLATES SHALL BE WHITE, UNO.
15. WALLS SHALL RECEIVE [PT-1] AND RB-1, TYPICAL, UNO. ALLOW FOR PRIMER AND TWO TOPCOATS FOR PAINT APPLICATION OVER GYPSUM BOARD WITH [EGGSHELL].
16. WHEN A CEILING RECEIVES A COLOR OTHER THAN THE STANDARD, PAINT CEILING MOUNTED DEVICES TO MATCH, INCLUDING DIFFUSERS.
17. ACCESS PANELS, ELECTRICAL PANELS, AND OTHER UNFINISHED OR PRIME COATED ITEMS SHALL BE PAINTED TO MATCH THE WALL OR CEILING IN WHICH IT IS INSTALLED.
18. ACCENT PAINT SHALL EXTEND HORIZONTALLY FROM INSIDE CORNER TO INSIDE CORNER ALONG WALL. CONTINUE ACCENT PAINT ACROSS FURR-DOWNS AND BULKHEADS ONLY IF THEY ARE IN THE SAME PLANE AS THE ACCENT WALL.
19. CAULKING AND SEALANT SHALL MATCH SURFACE TO WHICH IT IS APPLIED, UNO. SUBMIT COLOR CHART FOR ARCHITECT'S SELECTION. WHERE TWO DIFFERENT MATERIALS/COLORS ALIGN IN THE SAME PLANE, MATCH THE DARKER COLOR.
20. PAINT HOLLOW METAL DOORS SAME COLOR AS FRAME, TYPICAL, UNO. HOLLOW METAL FRAMES SHALL BE SEMI-GLOSS.
21. SCHEDULED FLOOR FINISH TO RUN CONTINUOUSLY UNDERNEATH MILLWORK, UNO.



6 **FLOOR TRANSITION - CARPET TO CONCRETE**
SCALE: 6" = 1'-0"

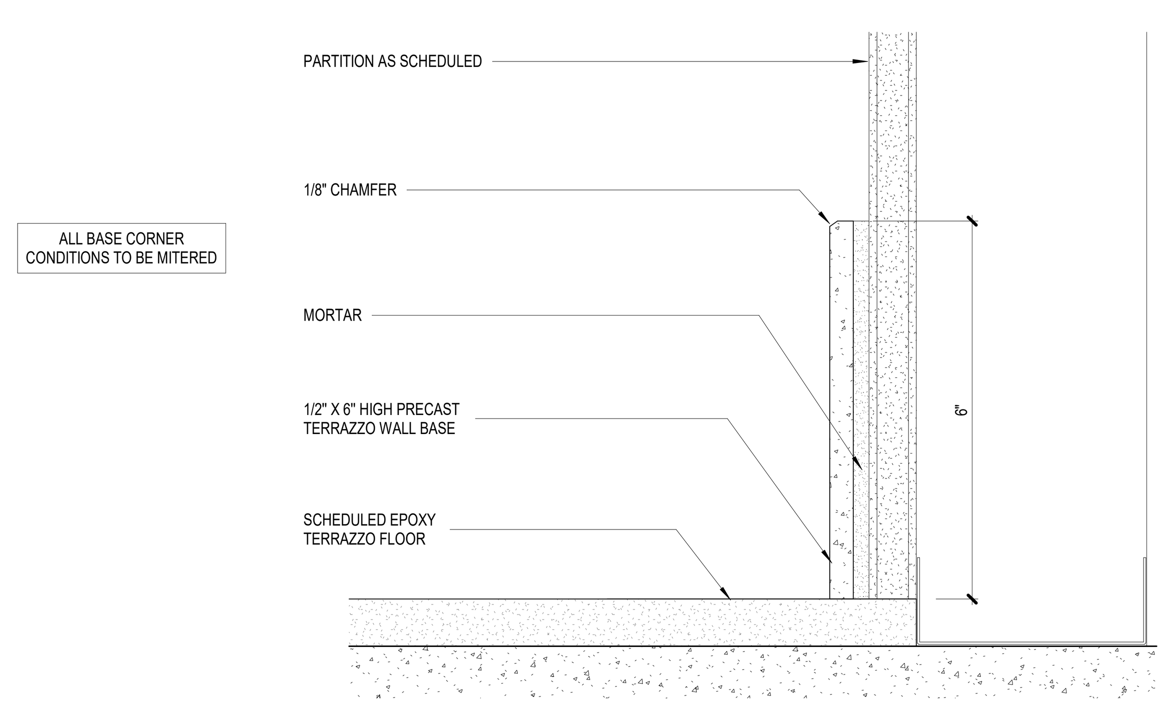


5 **FLOOR TRANSITION - CARPET TO TERAZZO**
SCALE: 6" = 1'-0"

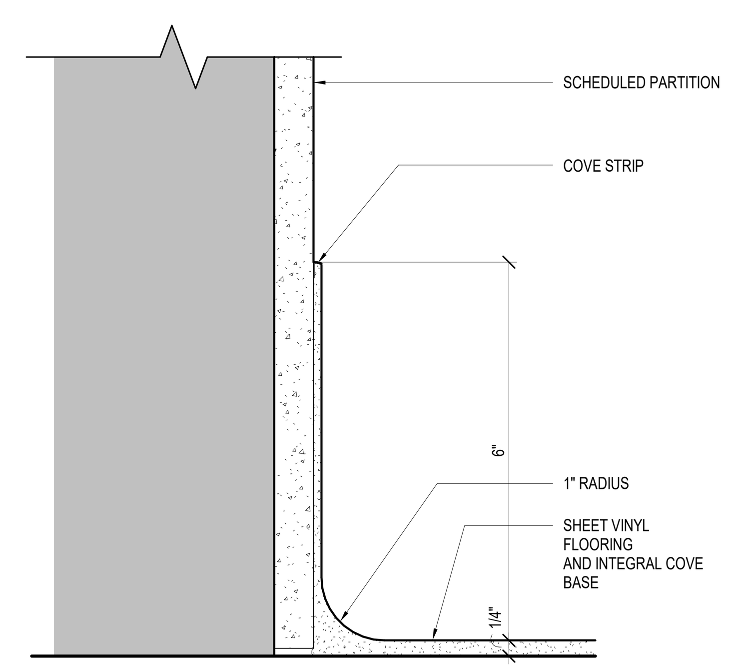


4 **FLOOR TRANSITION - CARPET TO SHEET VINYL**
SCALE: 6" = 1'-0"

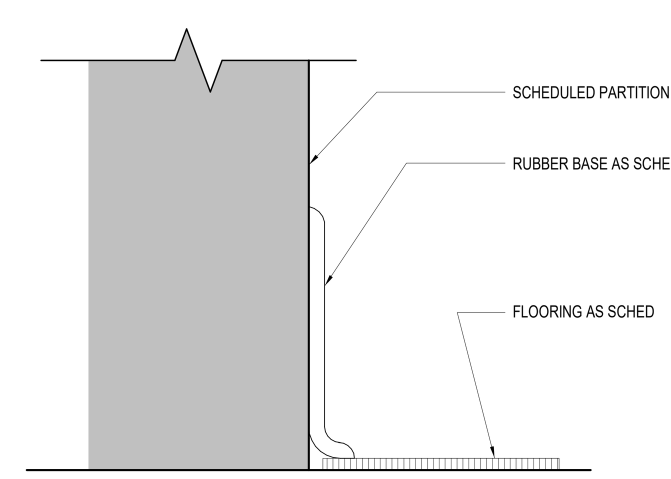
ALL BASE CORNER CONDITIONS TO BE MITERED



3 **TERRAZZO FLOOR BASE DETAIL**
SCALE: 6" = 1'-0"



2 **DETAIL AT INTEGRAL COVE BASE**
SCALE: 6" = 1'-0"



1 **BASE AT FLOORING**
SCALE: 6" = 1'-0"

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com
TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01 / 02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

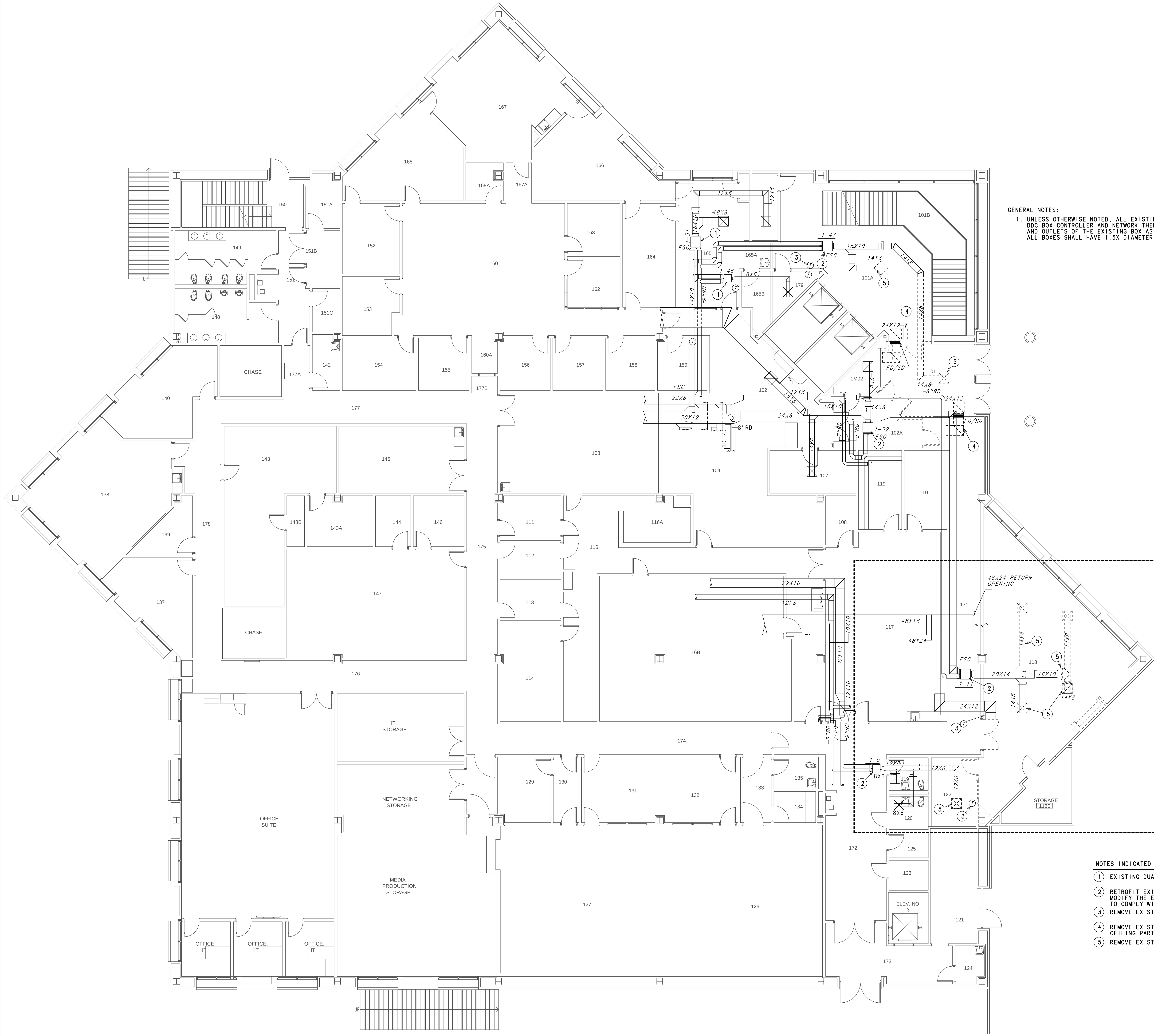
REGISTERED ARCHITECT
MATTIA FLABIANO III
10900
STATE OF TEXAS
04/10/2025

ARCHITECTURAL - INTERIORS FINISH SCHEDULE

DRAWN BY: TEAM
CHECKED BY: TEAM
PROJECT NUMBER: 320026.05
PROJECT ABBREVIATION: TTUHSC-PSL-02-01
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

AI-601
SHEET NUMBER

FILE PATH: Autodesk Docs://320026-TexasTech-HSC-L-PS-Library/320026-A-TTUHSC PSL-LVL 02-R24-CENTRAL.rvt
USER NAME:
DATE STAMP: 4/9/2025 6:31:37 PM



FIRST FLOOR PLAN - MECHANICAL DEMOLITION

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH

GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL EXISTING DUAL DUCT VAV BOXES WITHIN THE SCOPE OF WORK SHALL BE RETROFITTED WITH NEW DDC BOX CONTROLLER AND NETWORK THERMOSTAT. MODIFY THE EXISTING DUCTWORK AT THE INLETS AND OUTLETS OF THE EXISTING BOX AS REQUIRED TO COMPLY WITH THE DDVAV MOUNTING DETAIL ON M201 ALL BOXES SHALL HAVE 1.5X DIAMETER STRAIGHT INLET TO THE FLOW CROSS FOR PROPER CONTROL.

NOTES INDICATED BY "◯"

1. EXISTING DUAL DUCT VAV WITH PNEUMATIC CONTROLS TO REMAIN
2. RETROFIT EXISTING DUAL DUCT VAV WITH NEW DDC BOX CONTROLLER AND NETWORK THERMOSTAT. MODIFY THE EXISTING DUCTWORK AT THE INLETS AND OUTLETS OF THE EXISTING BOX AS REQUIRED TO COMPLY WITH THE DDVAV MOUNTING DETAIL ON M201
3. REMOVE EXISTING PNEUMATIC THERMOSTAT
4. REMOVE EXISTING TRANFER DUCT ASSEMBLY. COORDINATE WITH GENERAL CONTRATOR TO PATCH ABOVE CEILING PARTITION WHERE REQUIRED
5. REMOVE EXISTING GRILLE AND DUCTWORK SHOWN DASHED

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

SCOTT M. FANNING
61441

FIRST FLOOR PLAN - MECHANICAL DEMOLITION

DRAWN BY

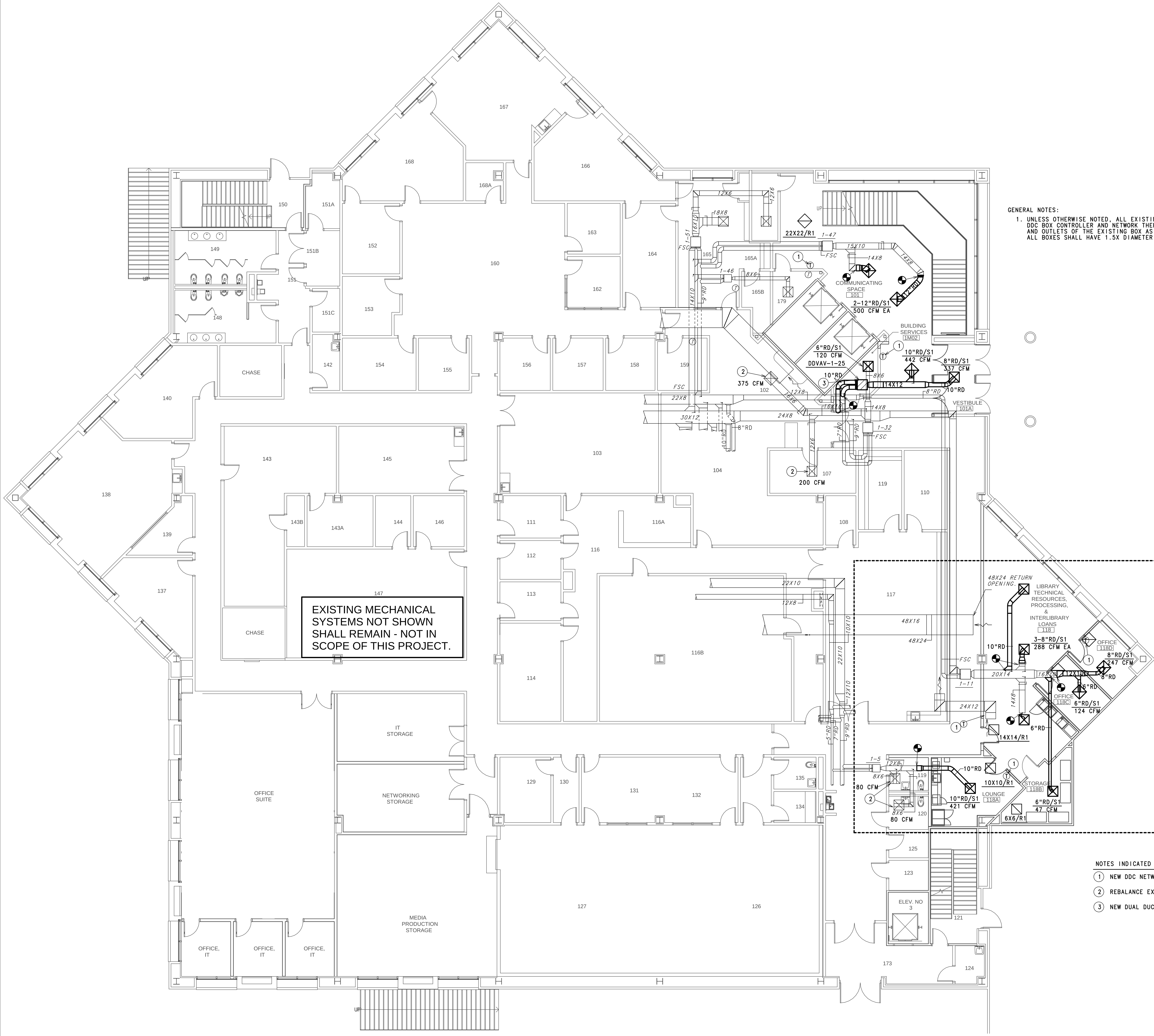
CHECKED BY

PROJECT NUMBER: 24028
PROJECT ABBREVIATION: TTUHSC-PSL-01-02

ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

MD-101

SHEET NUMBER



FIRST FLOOR PLAN - MECHANICAL

GRAPHIC SCALE: 1/8"=1'-0" (0, 5, 10, 15, 20)

GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL EXISTING DUAL DUCT VAV BOXES WITHIN THE SCOPE OF WORK SHALL BE RETROFITTED WITH NEW DDC BOX CONTROLLER AND NETWORK THERMOSTAT. MODIFY THE EXISTING DUCTWORK AT THE INLETS AND OUTLETS OF THE EXISTING BOX AS REQUIRED TO COMPLY WITH THE DDVAV MOUNTING DETAIL ON M201 ALL BOXES SHALL HAVE 1.5X DIAMETER STRAIGHT INLET TO THE FLOW CROSS FOR PROPER CONTROL.

NOTES INDICATED BY "◯"

1. NEW DDC NETWORK THERMOSTAT
2. REBALANCE EXISTING GRILLE TO CFM SHOWN
3. NEW DUAL DUCT VAV BOX AS SCHEDULED

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

SCOTT M. FANNING 61441

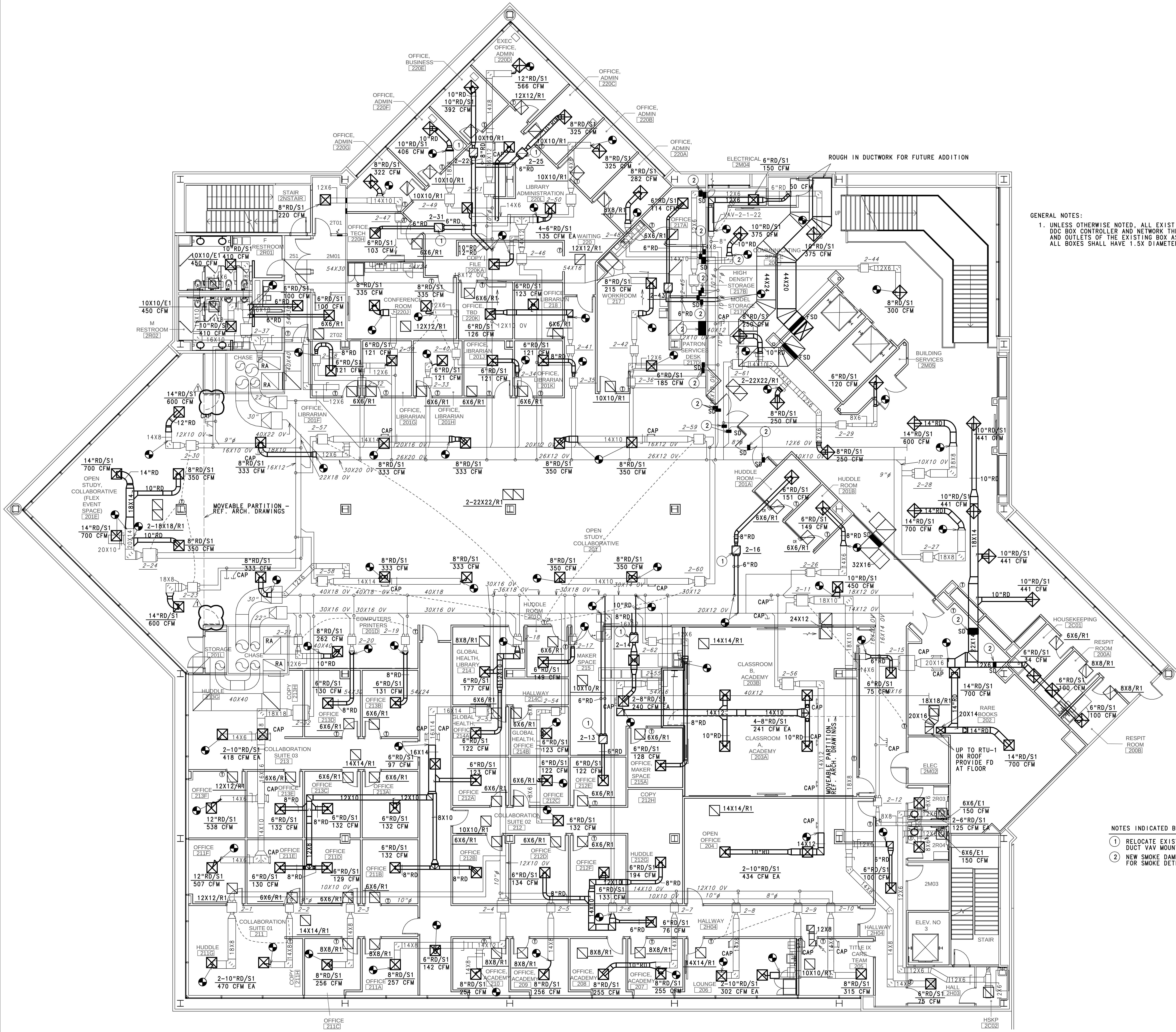
FIRST FLOOR PLAN - MECHANICAL

DRAWN BY | CHECKED BY

PROJECT NUMBER: 24028
PROJECT ABBREVIATION: TTUHSC-PSL-01-02
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

M-101

SHEET NUMBER



GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL EXISTING DUAL DUCT VAV BOXES WITHIN THE SCOPE OF WORK SHALL BE RETROFITTED WITH NEW DDC BOX CONTROLLER AND NETWORK THERMOSTAT. MODIFY THE EXISTING DUCTWORK AT THE INLETS AND OUTLETS OF THE EXISTING BOX AS REQUIRED TO COMPLY WITH THE DDVAV MOUNTING DETAIL ON M201. ALL BOXES SHALL HAVE 1.5X DIAMETER STRAIGHT INLET TO THE FLOW CROSS FOR PROPER CONTROL.

NOTES INDICATED BY "( )"

1. RELOCATE EXISTING DUAL DUCT VAV BOX TO THIS LOCATION. REFER TO DUAL DUCT VAV MOUNTING DETAIL ON SHEET M201
2. NEW SMOKE DAMPER WITH NEW ACCESS DOOR IN DUCT. REFER TO FIRE ALARM DRAWINGS FOR SMOKE DETECTOR CONNECTIONS. SEAL DUCT PENETRATION AT SMOKE PARTITION

SECOND FLOOR PLAN - MECHANICAL

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com
TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

SCOTT M. FANNING 61441

SECOND FLOOR PLAN - MECHANICAL

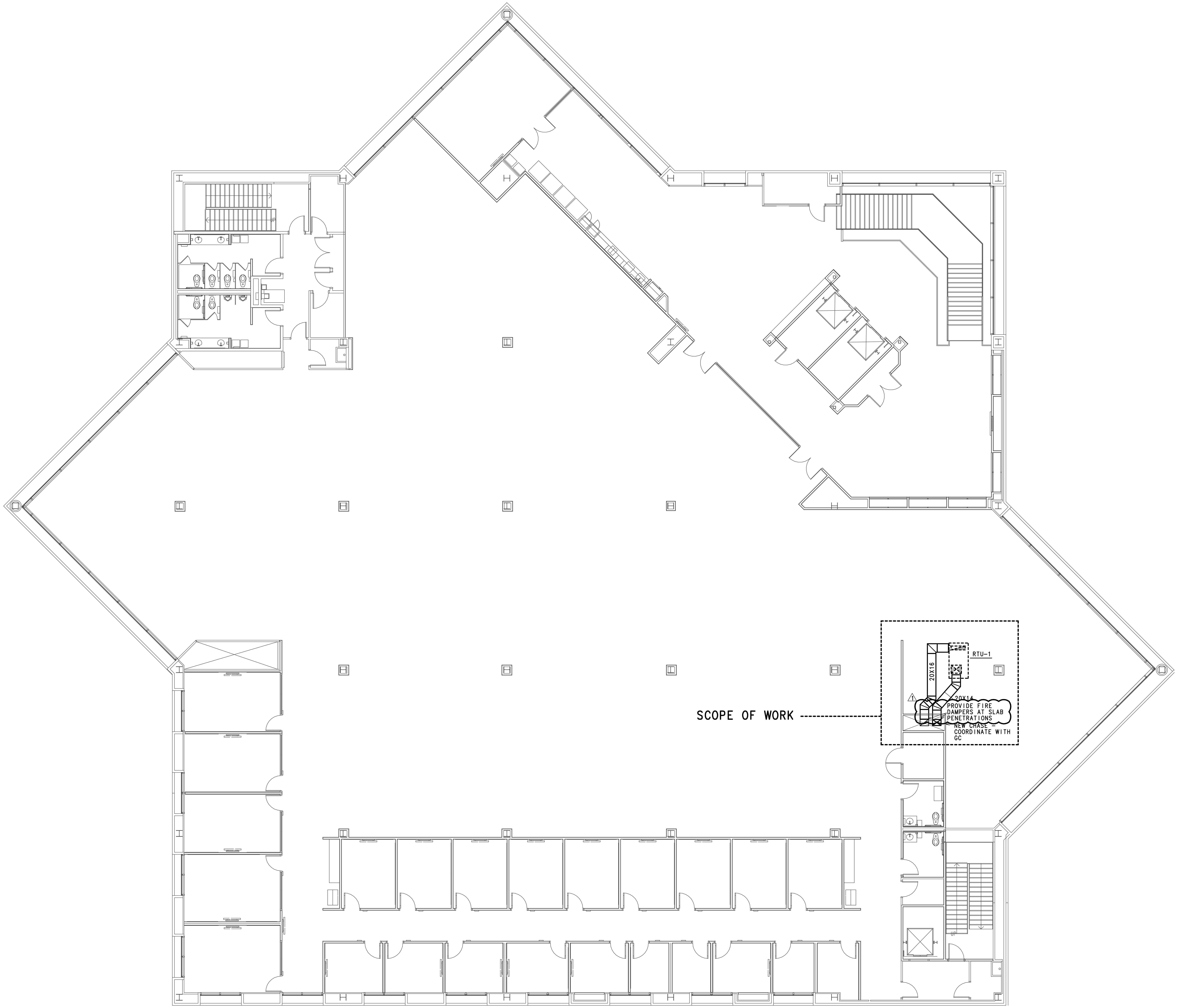
DRAWN BY CHECKED BY

PROJECT NUMBER 24028 PROJECT ABBREVIATION TTUHSC-PSL-01-02

ORIGINAL ISSUE ISSUE FOR CONSTRUCTION DATE 21 MAR 2025

M-102

SHEET NUMBER



3RD FLOOR PLAN - MECHCANICAL

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY SCOTT M. FANNING, P.E., LICENSE #61441 ON 03/21/2025

FANNING, FANNING & ASSOCIATES F-00294
STATE OF TEXAS
SCOTT M. FANNING
61441
REGISTERED PROFESSIONAL ENGINEER

THIRD FLOOR PLAN - MECHANICAL

DRAWN BY

CHECKED BY

PROJECT NUMBER	PROJECT ABBREVIATION
24028	TTUHSC-PSL-01-02

ORIGINAL ISSUE	DATE
ISSUE FOR CONSTRUCTION	21 MAR 2025

M-103

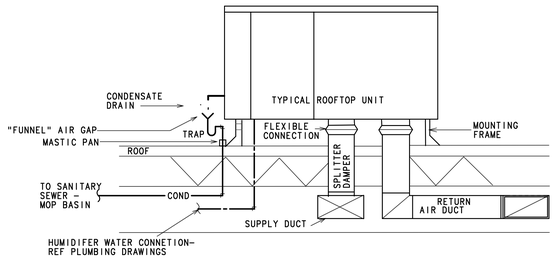
SHEET NUMBER

PACKAGED ROOFTOP UNIT SCHEDULE - ELECTRIC HEAT

TAGS	AIRFLOW APPLICATION	DESIGN S.A.	DESIGN O.A.	DESIGN ESP	SUPPLY MOTOR HORSEPOWER	TONNAGE	GROSS TOTAL CAPACITY	GROSS SENSIBLE CAPACITY	COOLING ENTERING DB	COOLING ENTERING WB	SUMMER AMBIENT TEMP.	COIL LAT (DB)	COIL LAT (WB)	SEER	EER	HEATING TYPE	HEATING CAPACITY	REHEAT CAPACITY	HEATING EAT	HEATING LAT	REHEAT LAT DB/WB	VOLTAGE	MCA	MOP	LENGTH	WIDTH	HEIGHT	MODEL NUMBER – AAON	UNIT OPERATING WEIGHT
1		CFM	CFM	IN H2O	HP		MBH	MBH	F	F	F	F	F				MBH	MBH	F	F	F		A	A	IN	IN	IN		LB
RTU-1	DOWNFLOW	1200	240	1	1	5	48.3	40.9	77.6	58.9	100	41.8	41.7	13.4	11.85	SCR ELEC	68.2	37.8	58.0	116.4	72/54	460/60/3	34	35	82	44	47	RQ-005-3-0-GABY-V0-21-000-A	911

NOTES:

1. PROVIDE INSULATED ROOF CURB
2. PROVIDE MERV 8 FILTERS ON ALL UNITS.
3. PROVIDE HAIL GUARDS.
4. PROVIDE HINGED ACCESS PANELS.
5. PROVIDE THRU THE BASE ELECTRICAL, NON-FUSED DISCONNECT, & POWERED CONVENIENCE OUTLET.
6. PROVIDE PIPED CONDENSATE DRAIN.
7. NEW UNIT SHALL HAVE MODULATING HOT GAS REHEAT, MODULATING SCR ELECTRIC REHEAT, MODULATING VARIABLE CAPACITY COMPRESSOR, AND A HUMIDIFIER SECTION
8. PROVIDE WITH COMBINATION THERMOSTAT AND HUMIDISTAT. UNIT SHALL CONTROL TEMPERATURE AND HUMIDITY WITHOUT PRIORITIZING EITHER.
9. REFER TO SPECIFICATIONS SECTION 237100 ROOFTOP UNIT FOR RARE BOOKS ROOM



ROOFTOP UNIT MOUNTING DETAIL

NO SCALE

SINGLE DUCT TERMINAL UNIT SCHEDULE — EXISTING TO REMAIN - COOLING ONLY

TAG	ROOM	MODEL	SIZE	CFM		STATIC PRESSURE			NC LEVELS		HOT WATER HEAT COIL										NOTES
			UNIT	MAX	MIN	INLET	DOWN	MIN	RAD	DIS	CFM	MBH	EAT	EWT	LAT	APD	GPM	LWT	WPD	ROWS	FPI	
VAV 2-1-22	ELEC 2M04	DESV	04	200	100	1	0.25	0.05	27	34	NOT APPLICABLE – COOLING ONLY										1

NOTES INDICATED BY " ◯ "

1 EXISTING TERMINAL UNIT WITH DDC CONTROLLER TO REMAIN. REPROGRAM MIN AND MAX AIRFLOWS AS SCHEDULED

MECHANICAL SYMBOL SCHEDULE

EXISTING	DEMOLISH	NEW	DESCRIPTION
CHS	CHS	CHS	CHILLED WATER SUPPLY
CHR	CHR	CHR	CHILLED WATER RETURN
S	S	S	STEAM (S=PRESSURE)
D	D	D	COND. DRAIN LINE
HWS	HWS	HWS	HEATING WATER SUPPLY
HWR	HWR	HWR	HEATING WATER RETURN
AR	AR	AR	ATMOSPHERIC RELIEF LINE
			BUCKET TRAP
			FLOAT AND THERMOSTATIC TRAP
			GATE VALVE
			GLOBE VALVE
			BALL VALVE
			BUTTERFLY VALVE
			PLUG VALVE
			PRESSURE REDUCING VALVE
			AUTOMATIC VALVE
			AUTOMATIC 3-WAY VALVE
			CHECK VALVE
			THERMOMETER WELL
			THERMOMETER
			GAGE COCK
			GAGE COCK WITH GAGE
			STRAINER
			STRAINER WITH BLOWOFF VALVE
			UNION
			AUTOMATIC AIR VENT
			FLEXIBLE CONNECTION - PIPING
			CONCENTRIC REDUCER
			ECCENTRIC REDUCER
			FLOW IN DIRECTION OF ARROW
			PITCH DOWN IN DIRECTION SHOWN
			RISER UP
			RISER DOWN
			RISE OR DROP
			BRANCH CONNECTION OUT OF TOP
			BRANCH CONNECTION OUT OF BOTTOM
			BRANCH CONNECTION OUT OF SIDE
			CAP ON END OF PIPE
12X6	12X6	12X6	DUCTWORK - FIRST NUMBER IS VISIBLE DIMENSION OV = OVAL DUCT
			MITERED ELBOW WITH TURNING VANES
			DROP IN DUCT
			RISE IN DUCT
			SUPPLY DIFFUSER
			RETURN DIFFUSER
FD	FD	FD	FIRE DAMPER
FDSD	FDSD	FDSD	FIRE/SMOKE DAMPER
7	7	T	THERMOSTAT
			CONNECT TO EXISTING

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

SCOTT M. FANNING
61441
REGISTERED
PROFESSIONAL ENGINEER

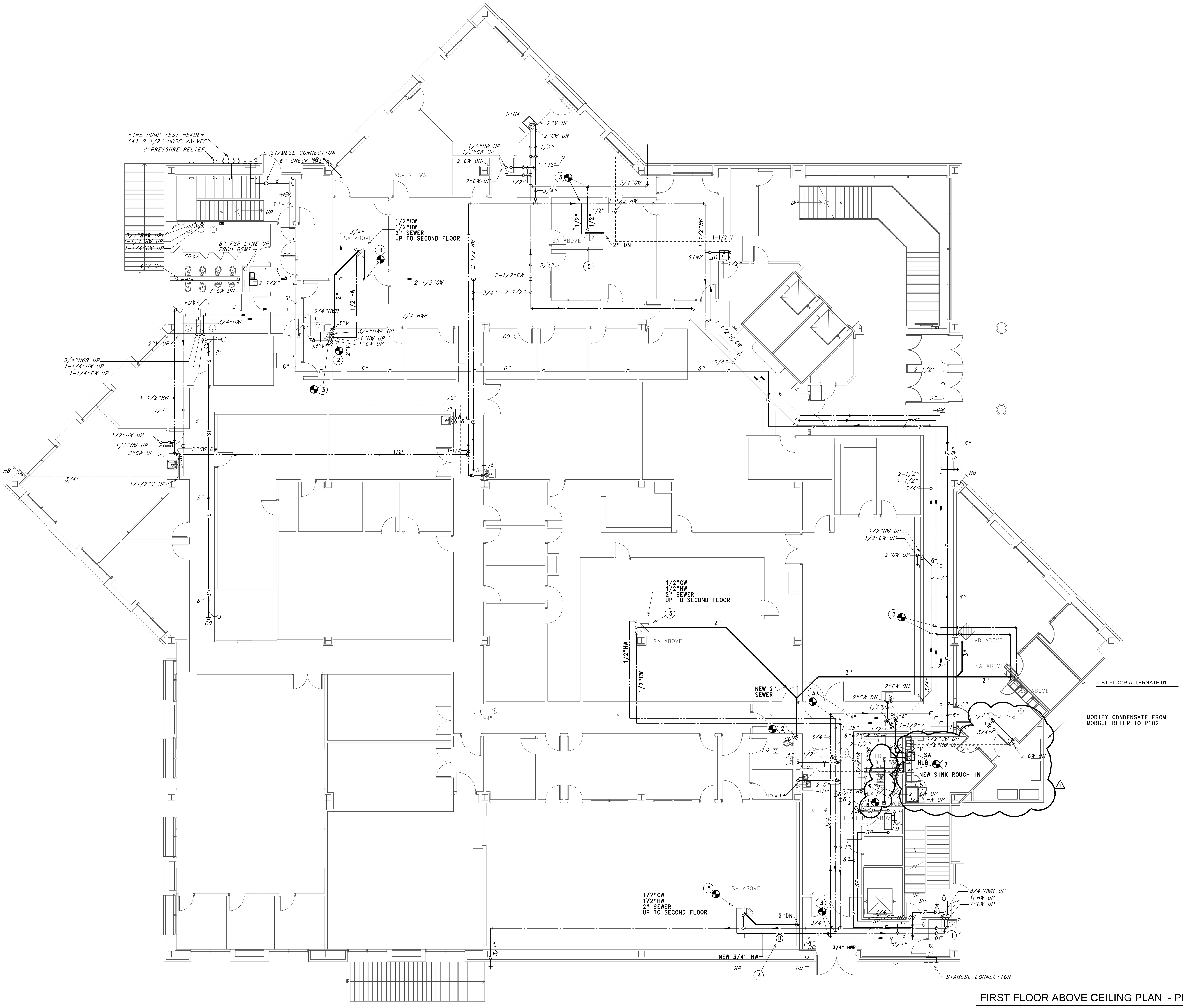
MECHANICAL SCHEDULES AND DETAILS

DRAWN BY | CHECKED BY

PROJECT NUMBER: 24028
PROJECT ABBREVIATION: TTUHSC-PSL-01-02
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

M-202

SHEET NUMBER



FIRST FLOOR ABOVE CEILING PLAN - PLUMBING

NOTES INDICATED BY: " ○ "

1. EXISTING PLUMBING FIXTURE(S) TO REMAIN, REFER TO DEMOLITION PLAN.
2. CONNECT NEW SEWER TO EXISTING AT THIS APPROXIMATE LOCATION. ROUTE DOWN IN WALL AND CONNECT, PATCH TO MATCH EXISTING.
3. CONNECT NEW DOMESTIC WATER TO EXISTING AT THIS APPROXIMATE LOCATION.
4. EXTEND EXISTING HOT WATER "LOOP" AS INDICATED. ADD NEW BALANCING VALVE(S) AS REQUIRED.
5. NEW PLUMBING FIXTURES AS SCHEDULED, ROUTE SERVICES AS SHOWN AND CONNECT.
6. NEW FLOOR DRAIN WASTE TO EXISTING SEWER IN 1ST CELIING SPACE. (BASE BID).
7. NEW SINK ON 1ST FLOOR (ALT#01). ROUTE SEWER SERVICE IN BASEMENT AND CONNECT. △1

Page/

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY SCOTT M. FANNING, P.E., LICENSE #61441 ON 03/21/2025

FANNING FANNING & ASSOCIATES F-00294
STATE OF TEXAS
SCOTT M. FANNING
61441
REGISTERED PROFESSIONAL ENGINEER

FIRST FLOOR PLAN
PLUMBING

DRAWN BY
CHECKED BY

PROJECT NUMBER: 24028
PROJECT ABBREVIATION: TTUHSC-PSL-01-02
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

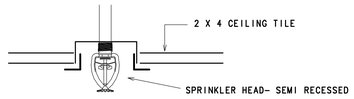
P-101

SHEET NUMBER

1. PROVIDE CONCEALER TYPE SPRINKLER HEADS WITH WHITE BUTTON COVERS IN "HEXAGONS" AND GYP CEILING.

A CONCEALED TYPE SPRINKLER HEAD

2. IN 2X4 LAY-IN CEILINGS, PROVIDE "SEMI-RECESSED" SPRINKLER HEADS.



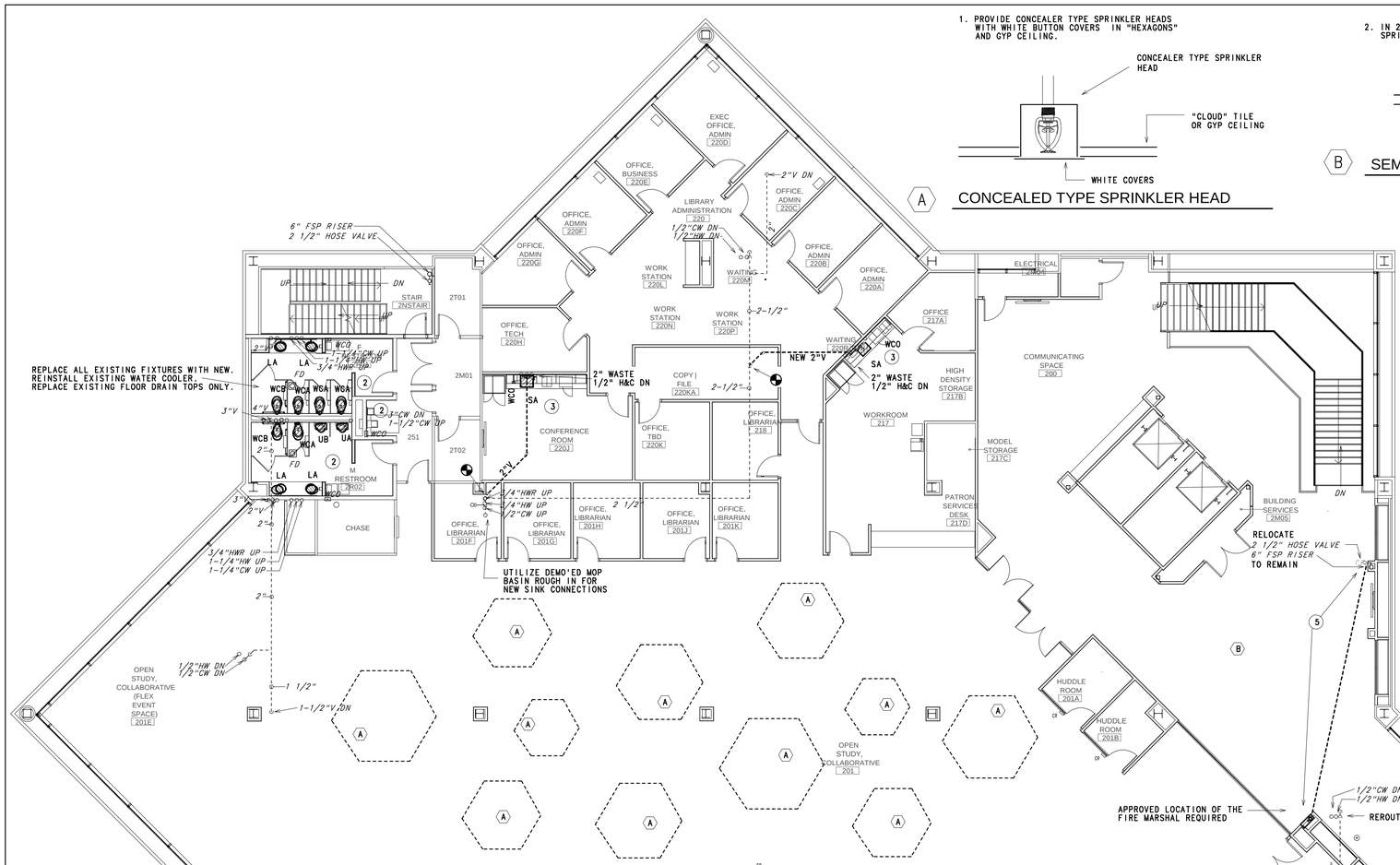
B SEMI-RECESSED TYPE SPRINKLER HEAD

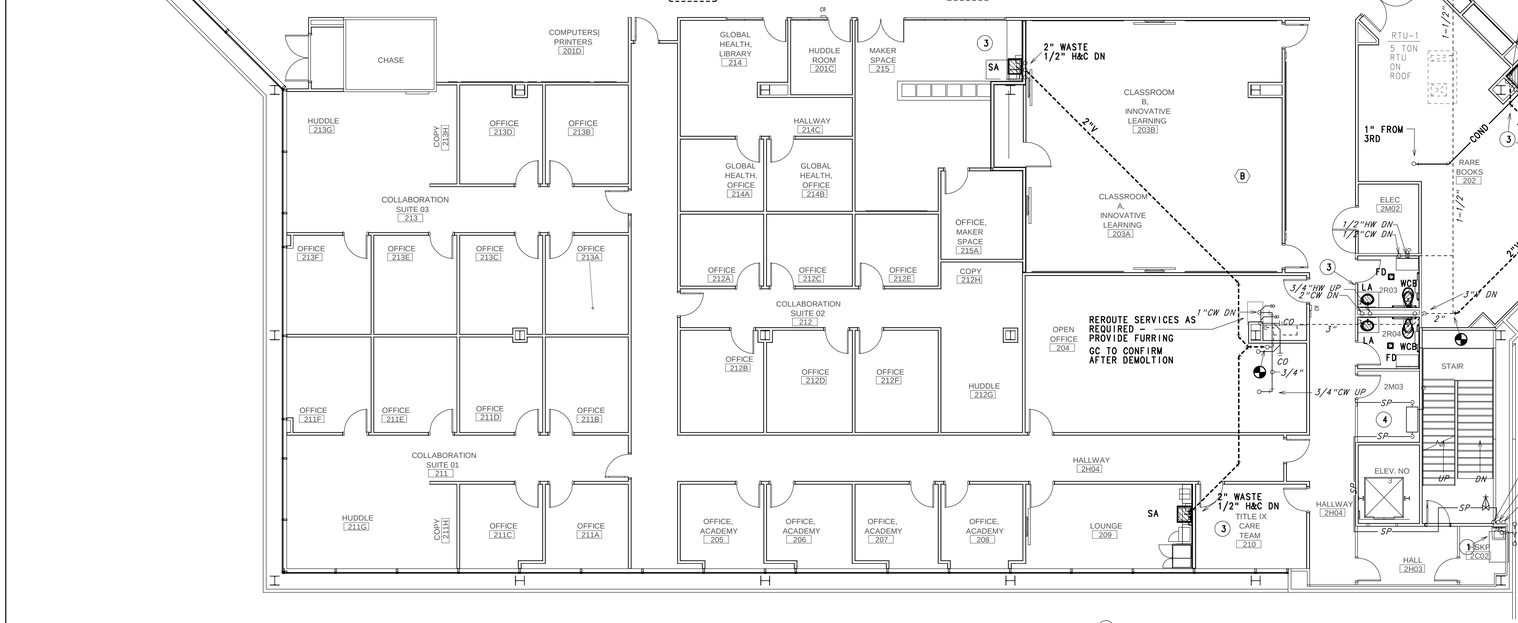
FIRE PROTECTION NOTE:

FLOOR IS PRESENTLY PROVIDED WITH A FIRE PROTECTION SPRINKLER SYSTEM. CONTRACTOR SHALL PROVIDE 100% FIRE SPRINKLER COVERAGE TO ACCOMMODATE NEW FLOOR PLAN IN ACCORDANCE WITH NFPA 13.

PROVIDE CONCEALER TYPE SPRINKLER HEADS – WHITE
PROVIDE SEMI-RECESSED HEADS
ALL QUICK RESPONSE

REROUTE EXISTING CONDENSATE DRAIN TO ACCOMMODATE THE NEW FLOOR PLAN – COOORIDNATE WITH TTUHSC

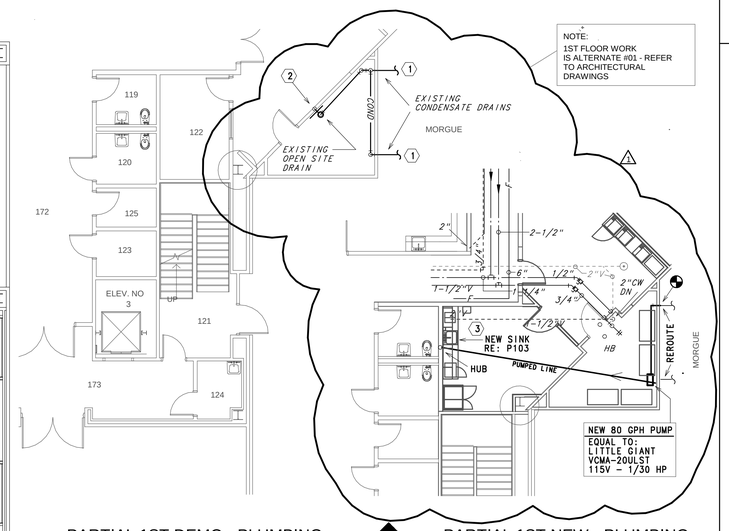




SECOND FLOOR PLAN - NEW PLUMBING

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH



PARTIAL 1ST DEMO - PLUMBING

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

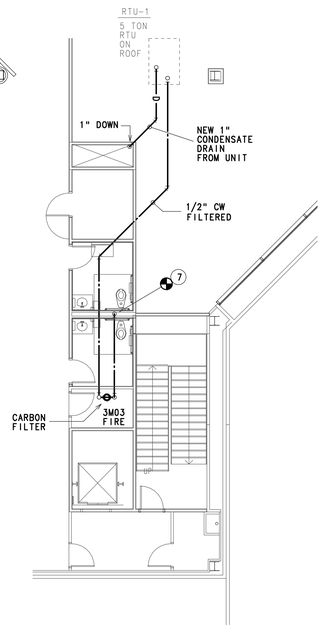
NORTH

PARTIAL 1ST NEW - PLUMBING

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NOTES INDICATED BY: " "

1. REROUTE EXISTING CONDENSATE DRAINS SERVING MORGUE UNITS TO NEW PUMP ON SHELF.
2. CAP EXISTING WASTE RISER OPEN SITE DRAIN AND ROUTE EXISTING DRAINS TO NEW PUMP BOX ON SHELF. COORDINATE WITH TTUHSC.
3. PROVIDE HUB DRAIN AIR GAP UNDER SINK WITH WALL BOX AND COVER FOR CONDENSATE DRAINAGE. INCORPORATE WITH NEW SINK ROUGH IN WASTE. ROUTE PUMPED CONDENSATE OVERHEAD AS INDICATED TO SINK.HUB DRAIN OR OTHER VENTED PLUMBING FIXTURE.



PARTIAL 3RD FLOOR PLAN - PLUMBING

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH

NOTES INDICATED BY: " "

1. EXISTING PLUMBING FIXTURE(S) TO REMAIN, REFER TO DEMOLITION PLAN.
2. REINSTALL WATER COOLER AFTER FINISH WORK IS COMPLETE. PROVIDE NEW FIXTURES AS DETAILED PROVIDE NEW TOPS ON EXISTING FLOOR DRAINS.
3. NEW PLUMBING FIXTURES AS SCHEDULED, ROUTE SERVICES TO NEAREST AVAILABLE AND CONNECT. REFER TO P103.
4. MODIFY EXISTING FIRE PROTECTION SYSTEM TO EXCLUDE DRY TYPE (PRE-ACTION) DEVICES – RE: DETAIL ON P201
5. RELOCATE EXISTING HOSE CABINET TO THE LOCATION INDICATED. ROUTE PIPING IN 1ST FLOOR CEILING AND RECONNECT
6. ROUTE NEW CONDENSATE FROM MECH UNIT ON ROOF TO MOP SINK AS INDICATED, ROUTE DOWN IN WALL AND TURN DOWN OVER FLOOD RIM.
7. CONNECT NEW 1/2" CW TO EXISTING AT THIS APPROXIMATE LOCATION. ROUTE AS INDICATED AND PROVIDE A CHARCOAL FILTER EQUAL TO AQUA-PURE AP717. ROUTE UP IN UNIT CURB AND MAKE FINAL CONNECTIONS TO HUMIDIFIER IN RTU.

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com
TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

SCOTT M. FANNING
61441
REGISTERED
PROFESSIONAL ENGINEER
STATE OF TEXAS

SECOND FLOOR NEW PLUMBING PLAN

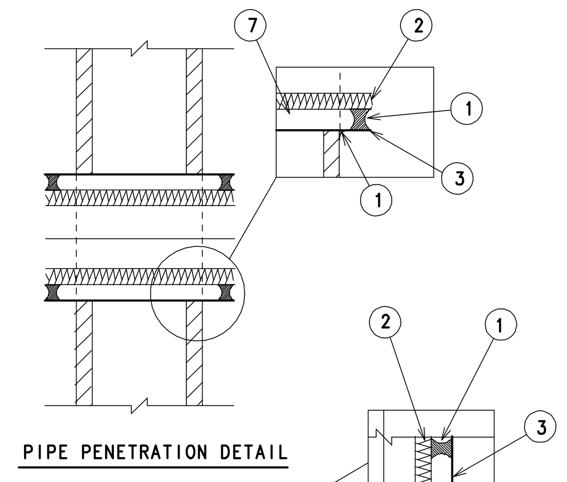
DRAWN BY
CHECKED BY

PROJECT NUMBER 24028
PROJECT ABBREVIATION TTUHSC-PSL-01-02
ORIGINAL ISSUE ISSUE FOR CONSTRUCTION
DATE 21 MAR 2025

P-102
SHEET NUMBER

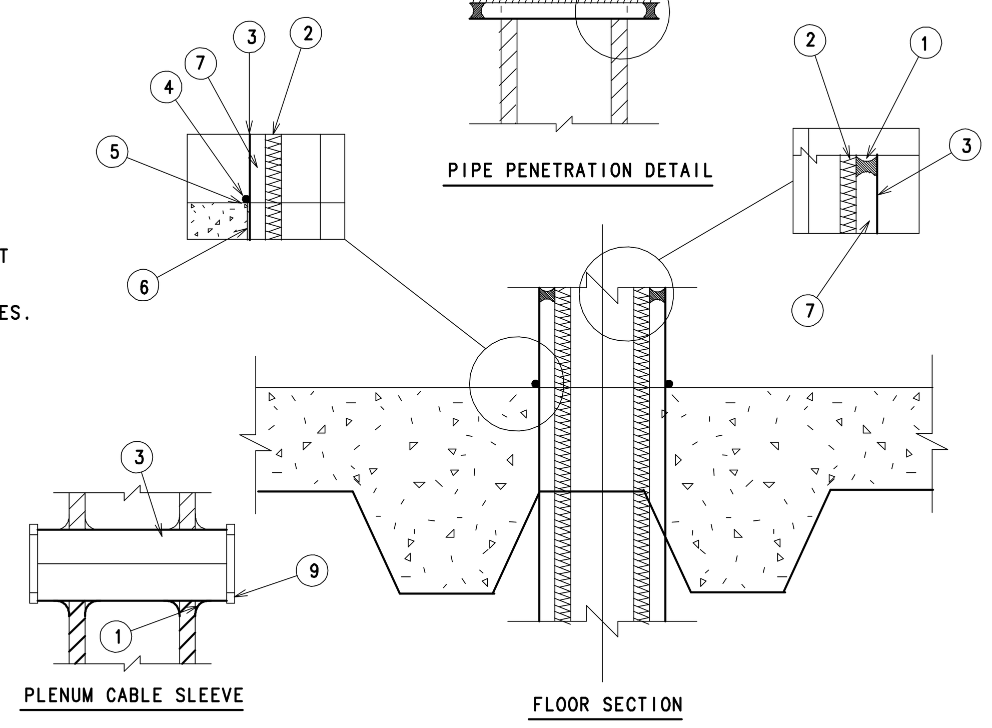
DETAIL NOTES:

1. CAULK CONTINUOUS WITH APPROVED FIRE PROOF CAULK PER MANUFACTURER'S REQUIREMENTS.
2. CONTINUOUS INSULATION THROUGH WALL PENETRATION FOR PIPING THAT REQUIRES INSULATION.
3. 16 GA. PIPING MINIMM FOR SLEEVES.
4. HOLES WILL BE CORED (DRY OR WET NO HAMMER DRILL PENETRATIONS PENETRATIONS WILL FIT SNUG TO SLEEVE.)

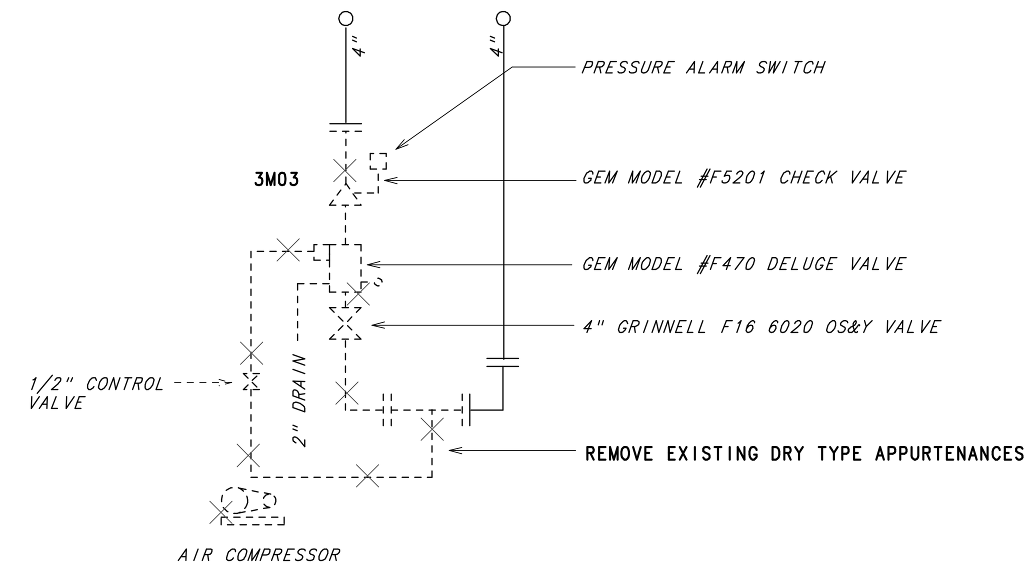


DETAIL NOTES:

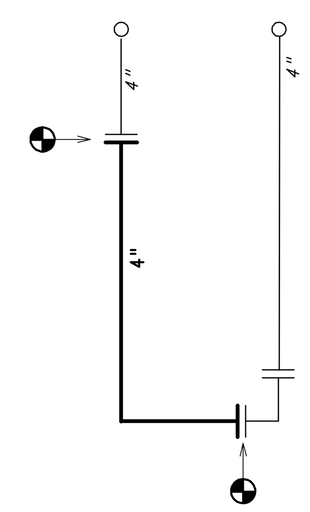
1. CAULK CONTINUOUS WITH APPROVED FIRE PROOF CAULK PER MANUFACTURER'S REQUIREMENTS.
2. CONTINUOUS INSULATION THROUGH WALL PENETRATION FOR PIPING THAT REQUIRES INSULATION.
3. 16 GA. PIPING MINIMM FOR SLEEVES.
4. 1/4" COLD ROLL RING. WRAPPED & WELDED. CLEAN JOINT, HEAVY CAULK BEAD SO THAT EXCESS CAULK CREATES A WATER REPELLANT JOINT.
5. CAULKED CONTINUOUS, WITH VULKEM 116 POLYURETHANE SEALANT
6. HOLES WILL BE CORED (DRY OR WET NO HAMMER DRILL PENETRATIONS PENETRATIONS WILL FIT SNUG TO SLEEVE.)



PIPE SLEEVE THRU FLOOR DETAIL



EXISTING DRY TYPE 2ND FLOOR FIRE SUPPRESSION SYSTEM

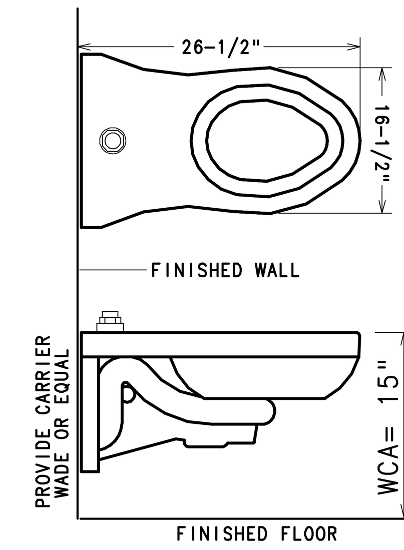


2ND FLOOR SCOPE:

PROVIDE 100% WET SPRINKLER COVERAGE PER NFPA 13

NEW FIRE SUPPRESSION SCOPE 2M03

NOTE: PROVIDE FULL SIZE "SPOOL" PIPING TO REPLACE VALVES REMOVED.



WATER CLOSET WC'B'

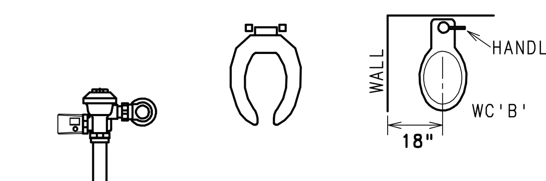
FIXTURE: KOHLER K-4325 KINGSTON, WALL HUNG, 1.28 GPF ELONGATED BOWL, SIPHON JET, WITH CLOSET CARRIER FITTING AND CHROME MOUNTING BOLTS.

COLOR: WHITE

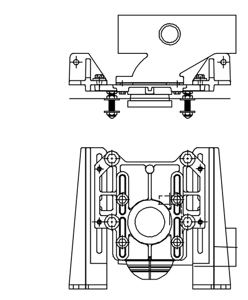
BEMIS 1955 SSCT WHITE OPEN FRONT ELONGATED

ROUGH-IN:

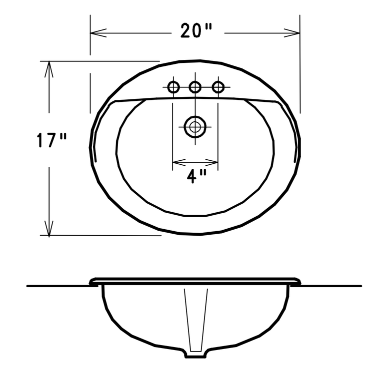
CW	HW	WASTE	VENT
1-1/2"	- - -	4"	2"



FLUSH VALVE - ROYAL OPTIMA SMO MODEL 111-1.28 GPF HET BATTERY POWER SENSOR



CARRIER RATED CAPACITY - 750 LBS
WADE 330XH ADJUSTABLE HORIZONTAL



LAVATORY L'A'

FIXTURE: KOHLER K-2196 PENNINGTON, VITREOUS CHINA 20"X17" SELF RIM, WITH 4" DRILLINGS. TAS COMPLIANT.

STRAINER: KOHLER K-8801 STRAINER AND CRUMB CUP

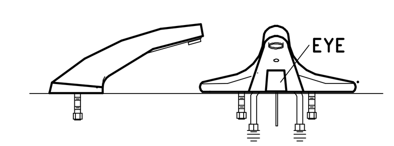
TAILPIECE: KOHLER K-13885 PERFORATED GRID WITH OFFSET DRAIN.

P-TRAP: KOHLER K-8998 WITH TUBING WASTE AND ESCUTCHEON.

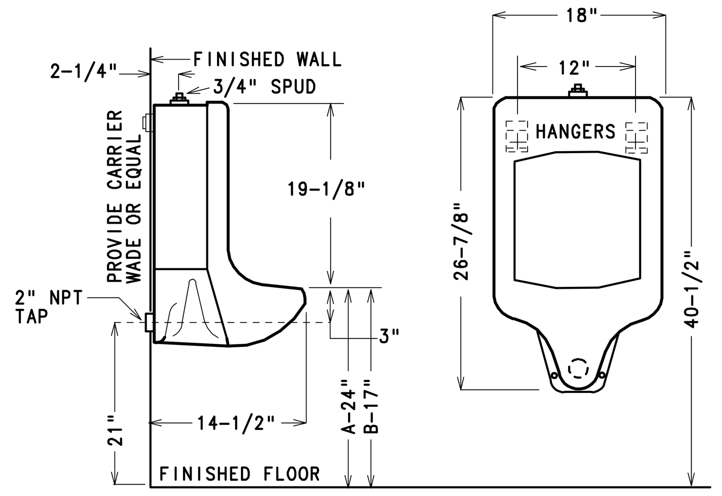
STOPS: BRASSCRAFT KTCR19-C1 WITH FLEXIBLE CHROME RISERS AND QUARTER-TURN HANDLE OPERATION STOPS.

INSULATION: TRUEBRO 102W INSULATION FOR P-TRAP, OFFSET TAILPIECE, AND HOT AND COLD SUPPLIES.

TEMPERATURE LIMITING VALVE: LEONARD 170-LF ASSE 1070 COMPLIANT



FAUCET: SLOAN OPTIMA SENSOR FAUCET EBF-650 ADA, BATTERY POWERED



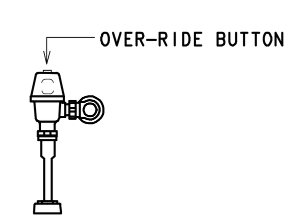
URINAL U'A' & U'B'

FIXTURE: KOHLER STANWELL URINAL K-4972-ET, VITREOUS CHINA, BLOWOUT, 3/4" TOP SPUD, 1 GPF

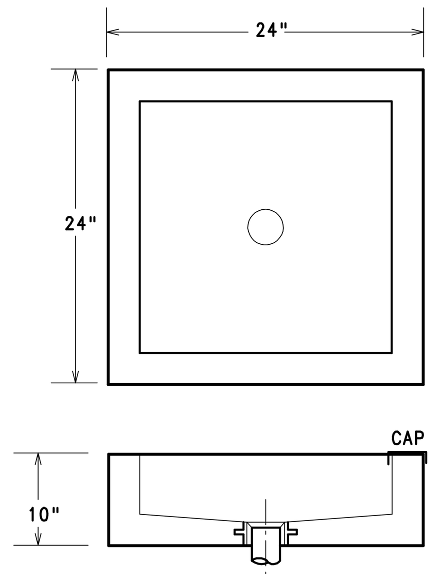
COLOR: WHITE

ROUGH-IN:

CW	HW	WASTE	VENT
3/4"	—	3"	2"



FLUSH VALVE - SLOAN SENSOR FLUSHOMETER 8186-1.0 GPF BATTERY POWER SENSOR



MOP BASIN 'MB'

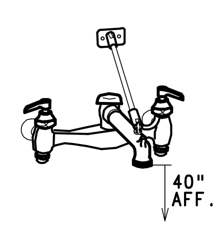
FIXTURE: SWAN FIBERGLASS MOP SERVICE SINK MODEL #MS2424-3

DRAIN: 3" IPS CAST BRASS, NICKEL BRONZE STRAINER

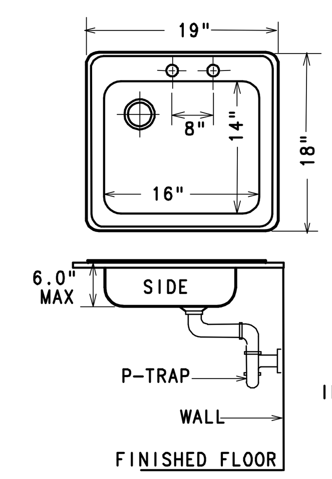
TRAP: C.I. DEEP SEAL P-TRAP

ROUGH-IN:

CW	HW	WASTE	VENT
1/2"	1/2"	3"	1-1/2"



SUPPLY: DELTA 28T9 WITH VACUUM BREAKER, INTEGRAL STOPS, WALL BRACE, PAIL HOOK, 3/4" THREADED SPOUT AND 5' RUBBER HOSE WITH WALL HOSE HOOK.



SINK S'A'

FIXTURE: ELKAY LRAD-1918-L, SINGLE COMPARTMENT, 18 GAGE TYPE 302 SELF RIMMING STAINLESS STEEL. MODIFIED WITH TWO FAUCET HOLES ON 8" CENTERS. FOR ADA SINK LOCATIONS, PROVIDE REAR OUTLET WASTE CONFIGURATION SO AS NOT TO CONFLICT WITH ADA KNEE PANEL(S).

STRAINER: KOHLER K-8801 STRAINER AND CRUMB CUP

P-TRAP: KOHLER K-9000 WITH TUBING WASTE AND ESCUTCHEON

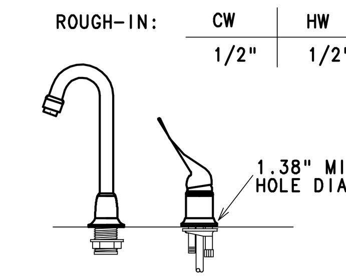
STOPS: BRASSCRAFT QUARTER TURN 1/2" AND 3/8" COMPRESSION OUT

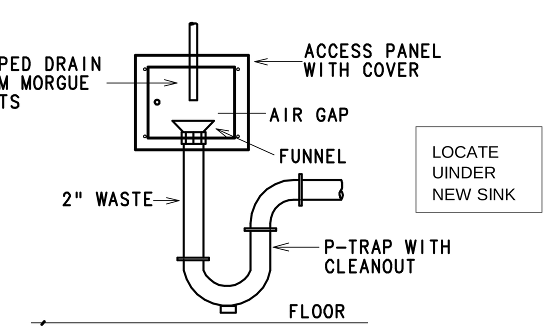
RISERS: FLEXIBLE BRAIDED STAINLESS STEEL RISERS

INSULATION: TRUBRO 102W FOR P-TRAP, OFFSET TAILPIECE, HOT AND COLD SUPPLIES

ROUGH-IN:

CW	HW	WASTE	VENT
1/2"	1/2"	2"	2"

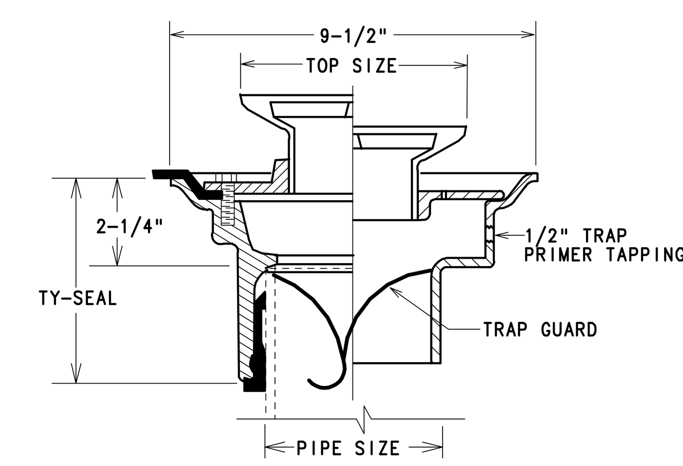




LOCATE UNDER NEW SINK

CONDENSATE DRAIN DETAIL 'HUB'

NO SCALE



FLOOR DRAIN 'FD'

NO SCALE

FIXTURE: WADE W-1103-G, SQUARE NB TOP, WITH ADJUSTABLE STRAINERS, CI BODY AND DEEP SEAL P-TRAP.

NOTE: PROVIDE PRO SET - TRAP GUARD INSERT MODEL # - TG33 WADE 3"

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com
TEL 214 522 3900
FAX 214 522 4380
ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY SCOTT M. FANNING, P.E., LICENSE #61441 ON 03/21/2025

FANNING, FANNING & ASSOCIATES F-00294 — STATE OF TEXAS — SCOTT M. FANNING — 61441 — REGISTERED PROFESSIONAL ENGINEER

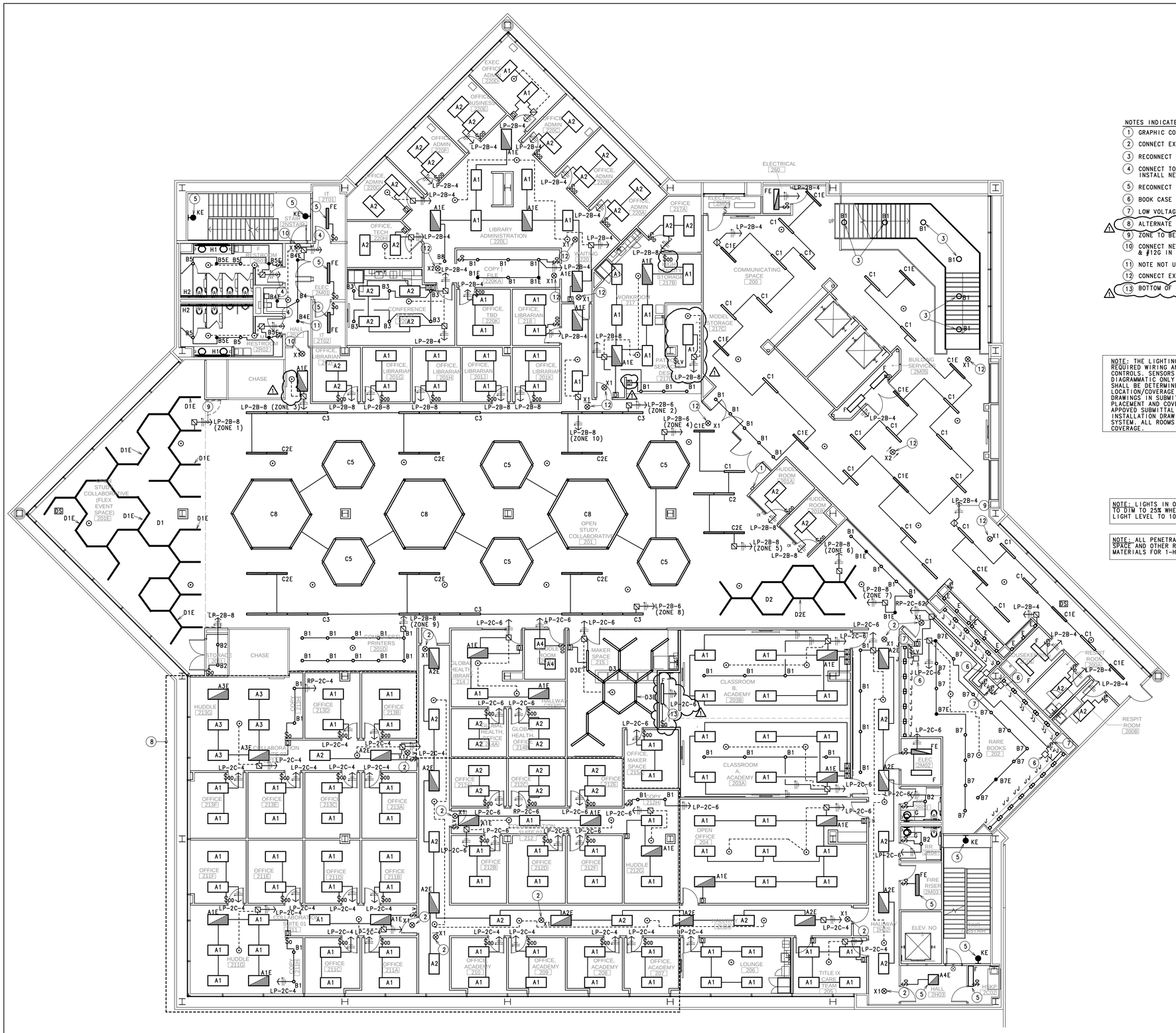
PLUMBING SCHEDULES

DRAWN BY | CHECKED BY

PROJECT NUMBER 24028 | PROJECT ABBREVIATION TTUHSC-PSL-01-02

ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION | DATE: 21 MAR 2025

P-201
SHEET NUMBER



NOTES INDICATED BY "◯":

1. GRAPHIC CONTROL WALL STATION FOR ZONES 1–10.
2. CONNECT EXIT LIGHT TO "LP-2C-2" WITH 2 #12 & #12G IN 3/4" C.
3. RECONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROLS SERVING STAIRWELL LIGHTS.
4. CONNECT TO NEW 20A-1P BREAKER IN PANEL "LP-2A" WITH 2 #12 & #12G IN 3/4" C. INSTALL NEW BREAKER IN OPEN SPACE. NEW BREAKER TO MATCH EXISTING.
5. RECONNECT TO EXISTING LIGHTING CIRCUIT SERVING THIS AREA WITH 2 #12 & #12G IN 3/4" C.
6. BOOK CASE LIGHT DRIVER TO BE INSTALLED ABOVE CEILING. REFER TO LIGHT FIXTURE SCHEDULE.
7. LOW VOLTAGE DIMMER SWITCH SHALL BE LUTRON MA-PRO-WH.
8. ALTERNATE 02. REFER TO ARCHITECTURAL DRAWINGS.
9. ZONE TO BE CONTROLLED BY DAYLIGHT SENSOR.
10. CONNECT NEW EXIT LIGHT TO EXISTING EXIT LIGHT CIRCUIT SERVING THIS AREA. WITH 2 #12 & #12G IN 3/4" C.
11. NOTE NOT USED.
12. CONNECT EXIT LIGHT TO "LP-2B-2" WITH 2 #12 & #12G IN 3/4" C.
13. BOTTOM OF FIXTURE TO BE MOUNTED AT 10'-6" AFF.

NOTE: THE LIGHTING DRAWINGS DOES NOT SHOW ALL REQUIRED WIRING AND EQUIPMENT FOR LIGHTING CONTROLS. SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. SENSOR PLACEMENT AND QUANTITY SHALL BE DETERMINED BY THE MANUFACTURE FOR BEST LOCATION/COVERAGE. MANUFACTER SHALL SUBMIT DRAWINGS IN SUBMITTAL PHASE INDICATING SENSOR PLACEMENT AND COVERAGE FOR EACH SENSOR. THESE APPOVED SUBMITTAL DRAWINGS SHALL BECOME THE INSTALLATION DRAWINGS FOR THE LIGHTING CONTROL SYSTEM. ALL ROOMS SHALL HAVE FULL OCCUPANCY SENSOR COVERAGE.

NOTE: LIGHTS IN OPEN STUDY AND COMMUNICATING SPACE TO DIM TO 25% WHEN NO MOTION IS DETECTED. INCREASE LIGHT LEVEL TO 100% WHEN MOTION IS DETECTED.

NOTE: ALL PENETRATIONS IN WALL BETWEEN COMMUNICATING SPACE AND OTHER ROOMS TO BE SEALED WITH UL LISTED MATERIALS FOR 1-HR FIRE RATED ASSEMBLY.

ELECTRICAL NEW LIGHTING FLOOR PLAN - LEVEL 02

GRAPHIC SCALE: 1/8"=1'-0" (0, 5, 10, 15, 20)

NORTH

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

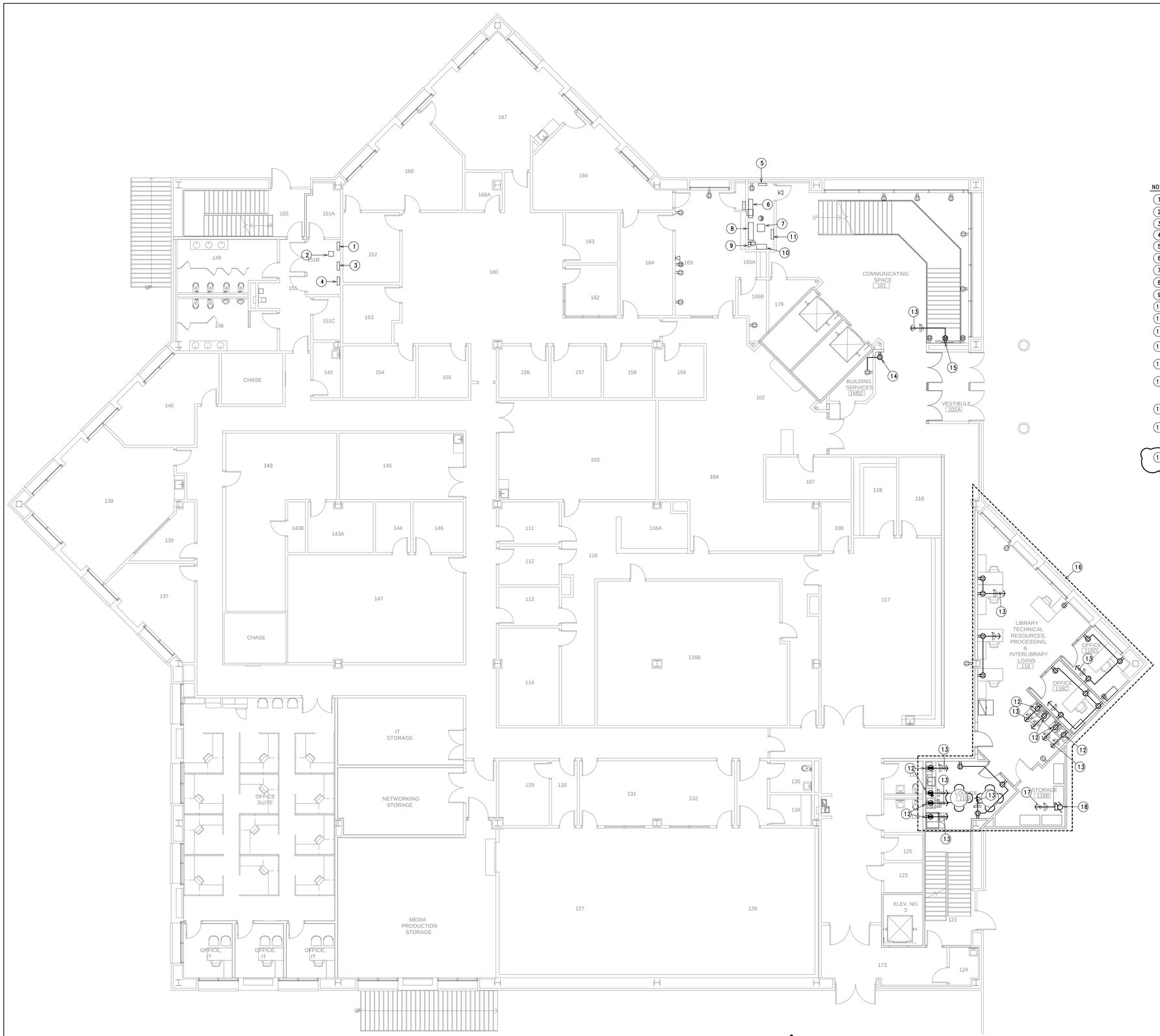
ALLEN K. WARE
130686
LICENSED
03/21/2025

ELECTRICAL - LIGHTING PLAN
LEVEL 02

DRAWN BY
CHECKED BY

PROJECT NUMBER 24028
PROJECT ABBREVIATION TTUHSC-PSL-01-02
ORIGINAL ISSUE ISSUE FOR CONSTRUCTION
DATE 21 MAR 2025

E-102
SHEET NUMBER



ELECTRICAL NEW POWER FLOOR PLAN - LEVEL 01

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH

NOTES INDICATED BY "◯":

1. EXISTING PANEL "RP-1A" TO REMAIN.
2. EXISTING DRY-TYPE TRANSFORMER "T-1A" TO REMAIN.
3. EXISTING PANEL "LP-1A" TO REMAIN.
4. EXISTING PANEL "IG-1A" TO REMAIN.
5. EXISTING PANEL "IG-1B" TO REMAIN.
6. EXISTING PANEL "LP-1B" TO REMAIN.
7. EXISTING DRY-TYPE TRANSFORMER "T-1B" TO REMAIN.
8. EXISTING PANEL "RP-1B"(DOUBLE SECTION) TO REMIAN.
9. EXISTING DISCONNECT SWITCH "T-HN" TO REMAIN.
10. EXISTING DRY-TYPE TRANSFORMER "T-HN" TO REMAIN.
11. EXISTING DISCONNECT SWITCH "PP-HE" TO REMAIN.
12. MOUNT ABOVE COUNTER.
13. CONNECT TO EXISTING SPARE 20A-1P BREAKER IN EXISTING PANEL "RP-1B" (SECTION 2) WITH 2 #10 & #10G IN 3/4"C.
14. CONNECT TO EXISTING RECEPTACLE CIRCUIT AS SHOWN WITH 2 #12 & #12G IN 3/4"C.
15. PROVIDE AND INSTALL RECESSED CHIEF BOX WITH TWO DUPLEX RECEPTACLES EQUAL TO LEGRAND #PAC526FBP4. COORDINATE EXACT LOCATION WITH ARCHITECT BEFORE ROUGH-IN.
16. ALTERNATE 01. REFER TO ARCHITECTURAL DRAWINGS.
17. CONNECT TO NEW 15A-1P BREAKER IN EXISTING PANEL RP-1B (SECTION 2) WITH 2 #10 & #10G IN 3/4"C. REMOVE EXISTING SPARE 20A-1P BREAKER AND INSTALL NEW 15A-1P BREAKER. NEW BREAKER TO MATCH EXISTING. THIS WORK SHALL BE PART OF BASE BID.
18. NEW PUMP. COORDINATE WITH PLUMBING CONTRACTOR. REFER TO PLUMBING DRAWINGS.(ALTERNATE 01)

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEAL&S

STATE OF TEXAS
ALLEN K. WARE
130686
LICENSED
PROFESSIONAL ENGINEER
03/21/2025

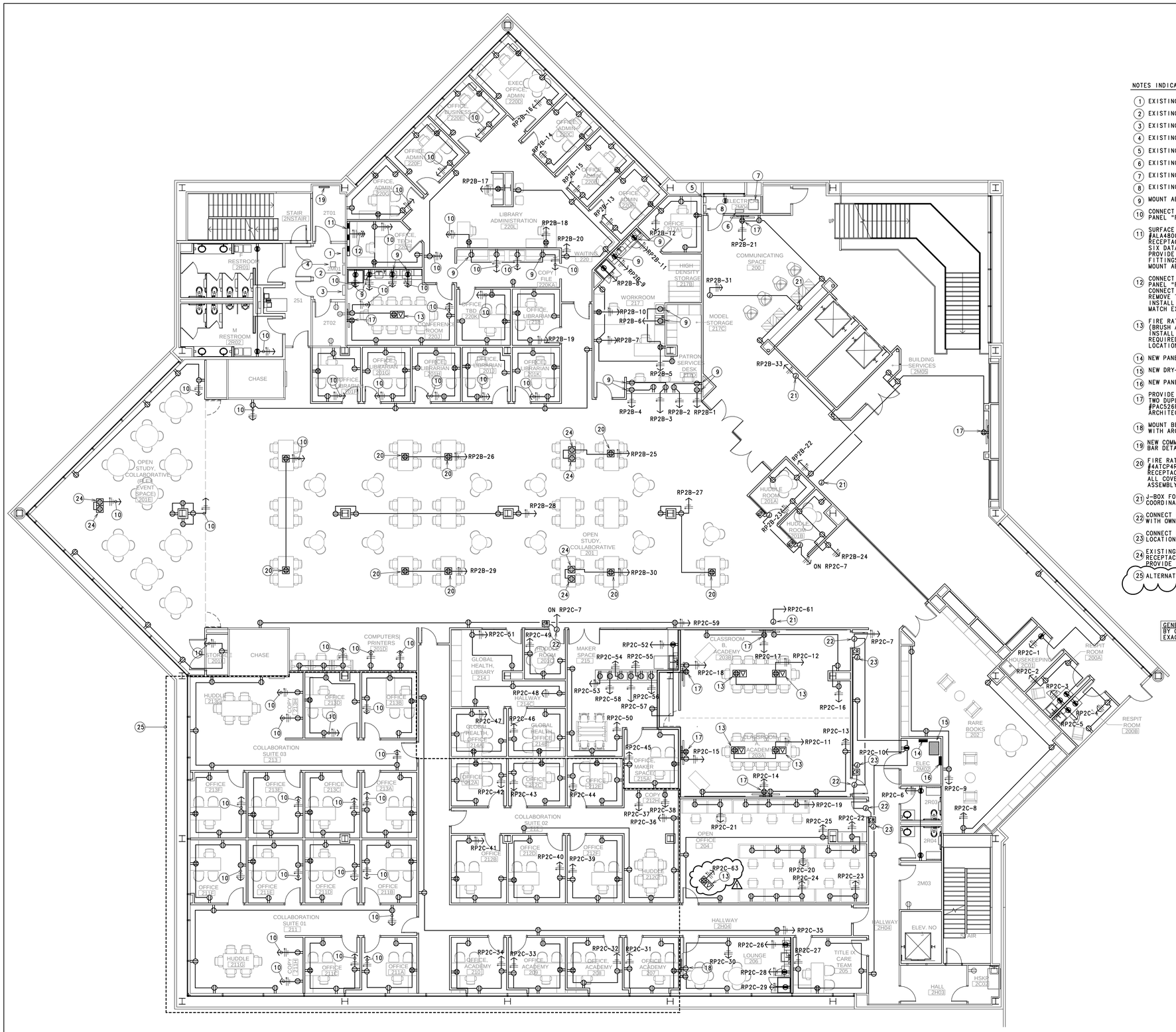
ELECTRICAL - POWER PLAN
LEVEL 01

DRAWN BY
CHECKED BY

PROJECT NUMBER 24028
PROJECT ABBREVIATION TTUHSC-PSL-01-02

ORIGINAL ISSUE ISSUE FOR CONSTRUCTION
DATE 21 MAR 2025

E-201
SHEET NUMBER



ELECTRICAL NEW POWER FLOOR PLAN - LEVEL 02

GRAPHIC SCALE: 1/8"=1'-0" (0 5 10 15 20)

NORTH

NOTES INDICATED BY "◯":

1. EXISTING PANEL "RP-2A" TO REMAIN (2 SECTION).
2. EXISTING PANEL "LP-2A" TO REMAIN.
3. EXISTING PANEL "IG-2A" TO REMAIN.
4. EXISTING DRY-TYPE TRANSFORMER "T-2A" TO REMAIN.
5. EXISTING PANEL "LP-2B" TO REMAIN.
6. EXISTING PANEL "RP-2B" TO REMAIN.
7. EXISTING DRY-TYPE TRANSFORMER "T-2B" TO REMAIN.
8. EXISTING PANEL "2DPB" TO REMAIN.
9. MOUNT ABOVE COUNTER.
10. CONNECT TO SPARE 20A-1P BREAKER IN EXISTING PANEL "RP-2A" WITH 2 #12 & #12G IN 3/4"C.
11. SURFACE ALUMINUM RACEWAY EQUAL TO WIREMOLD #ALA480O SERIES. PROVIDE AND INSTALL THREE DUPLEX RECEPTACLES IN TOP CHANNEL OF RACEWAY AND SIX DATA OUTLETS IN BOTTOM CHANNEL OF RACEWAY. PROVIDE AND INSTALL ALL DEVICES, PLATES AND FITTINGS REQUIRED FOR A COMPLETE ASSEMBLY. MOUNT ABOVE COUNTER.
12. CONNECT TO NEW 20A-2P BREAKER IN EXISTING PANEL "RP-2A" WITH 3 #12 & #12G IN 3/4"C. CONNECT THREE DUPLEX RECEPTACLES PER CIRCUIT. REMOVE TWO EXISTING 20A-1P BREAKERS AND INSTALL NEW 20A-2P BREAKER. NEW BREAKER TO MATCH EXISTING.
13. FIRE RATED POKE-THRU EQUAL TO WIREMOLD #6ATC2. (BRUSH ALUMINUM FINISH). PROVIDE AND INSTALL ALL PLATES, DEVICES, COVERS,ETC., AS REQUIRED FOR A COMPLETE ASSEMBLY. COORDINATE EXACT LOCATION WITH ARCHITECT BEFORE ROUGH-IN.
14. NEW PANEL "LP-2C".
15. NEW DRY-TYPE TRANSFORMER "T-TC".
16. NEW PANEL "RP-2C".
17. PROVIDE AND INSTALL RECESSED CHIEF BOX WITH TWO DUPLEX RECEPTACLES EQUAL TO LEGRAND #PAC526FBP4. COORDINATE EXACT LOCATION WITH ARCHITECT BEFORE ROUGH-IN.
18. MOUNT BEHIND MONITOR. COORDINATE EXACT LOCATION WITH ARCHITECT.
19. NEW COMMUNICATIONS GROUNDING BAR. REFER TO GROUND BAR DETAIL. COORDINATE EXACT LOCATION WITH OWNER.
20. FIRE RATED POKE-THRU TO BE EQUAL TO LEGRAND EVOLUTION SERIES #4ATCP4RAA(BRUSH ALUMINUM FINISH). PROVIDE WITH TWO DUPLEX RECEPTACLES AS INDICATED ON THE DRAWINGS. PROVIDE AND INSTALL ALL COVERS, PLATES,DEVICES, ETC AS REQUIRED FOR COMPLETE ASSEMBLY. (TYPICAL)
21. J-BOX FOR BRANDING WALL TO BE INSTALLED ABOVE CEILING. COORDINATE EXACT LOCATION WITH OWNER AND/OR ARCHITECT.
22. CONNECT CARD READER. COORDINATE EXACT REQUIREMENTS WITH OWNER.
23. CONNECT ELECTRONIC WALL SCHEDULE TO RP2C-60. COORDINATE EXACT LOCATION WITH ARCHITECT.
24. EXISTING FIRE RATED-POKE THRU TO REMAIN. REMOVE EXISTING RECEPTACLES AND REPLACE WITH NEW. RECONNECT AS SHOWN. PROVIDE AND INSTALL NEW COVER MATCHING NEW POKE-THRUS.
25. ALTERNATE 02. REFER TO ARCHITECTURAL DRAWINGS. △1

GENERAL NOTE: ALL FLOOR BOXES TO BE APPROVED ON SITE BY OWNER, ARCHITECT, AND ENGINEER BEFORE INSTALLATION. EXACT LOCATIONS TO BE COORDINATED WITH ARCHITECT.

NOTE: ALL PENETRATIONS IN WALL BETWEEN COMMUNICATING SPACE AND OTHER ROOMS TO BE SEALED WITH UL LISTED MATERIALS FOR 1-HOUR FIRE RATED ASSEMBLY.

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

ALLEN K. WARE
130686
LICENSED
03/21/2025

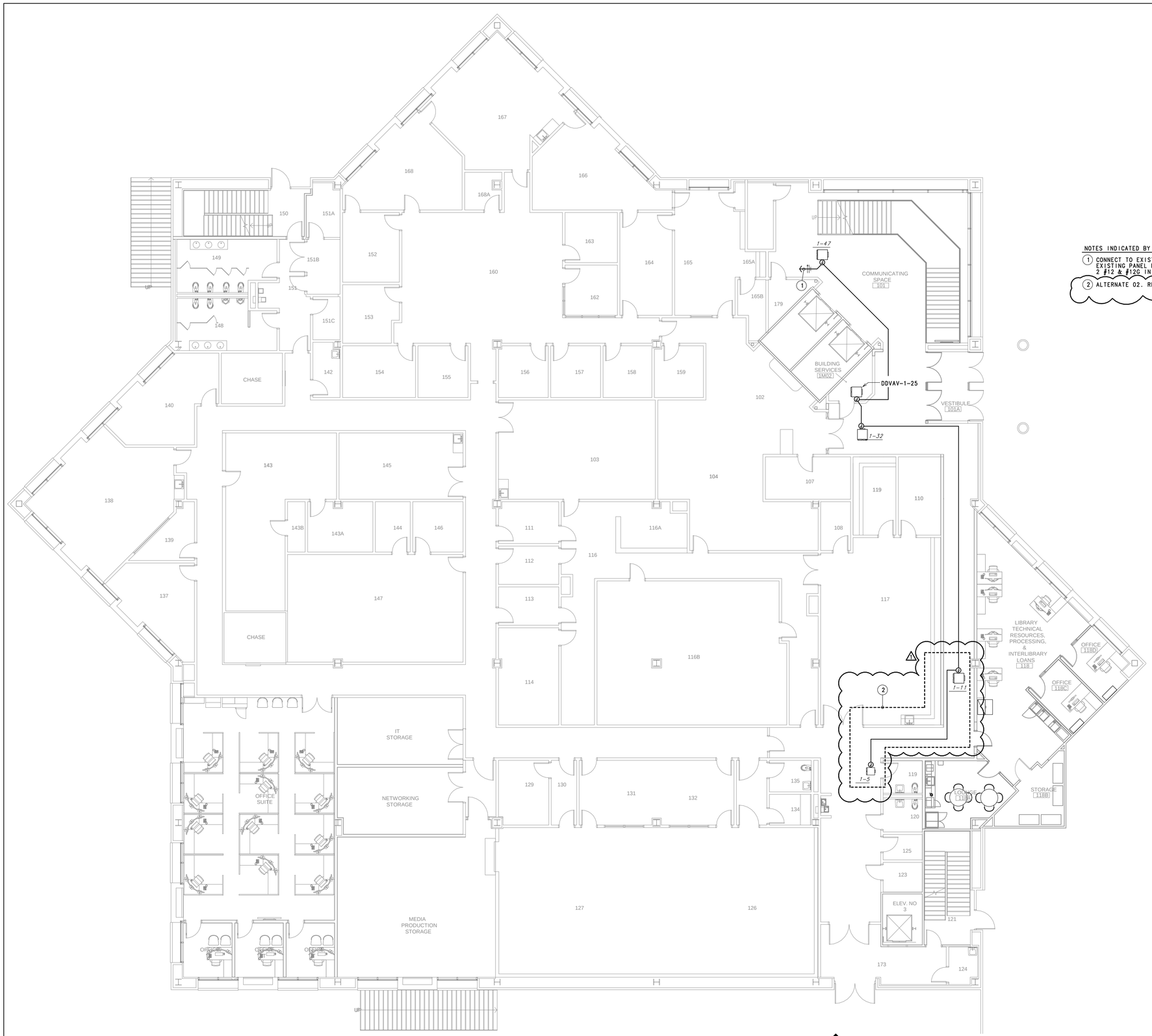
ELECTRICAL - POWER PLAN
LEVEL 02

DRAWN BY
CHECKED BY

PROJECT NUMBER: 24028
PROJECT ABBREVIATION: TTUHSC-PSL-01-02

ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

E-202
SHEET NUMBER



ELECTRICAL NEW MECHANICAL CONNECTION FLOOR PLAN - LEVEL 01

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH

NOTES INDICATED BY "◯":

1. CONNECT TO EXISTING SPARE 20A-1P BREAKER IN EXISTING PANEL RP-1B (SECTION 2) WITH 2 #12 & #12G IN 3/4"C.
2. ALTERNATE 02. REFER TO ARCHITECTURAL DRAWINGS.

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

ALLEN K. WARE
130686
LICENSED
STATE OF TEXAS
PROFESSIONAL ENGINEER
03/21/2025

ELECTRICAL - MECHANICAL CONNECTION PLAN - LEVEL 01

DRAWN BY
CHECKED BY

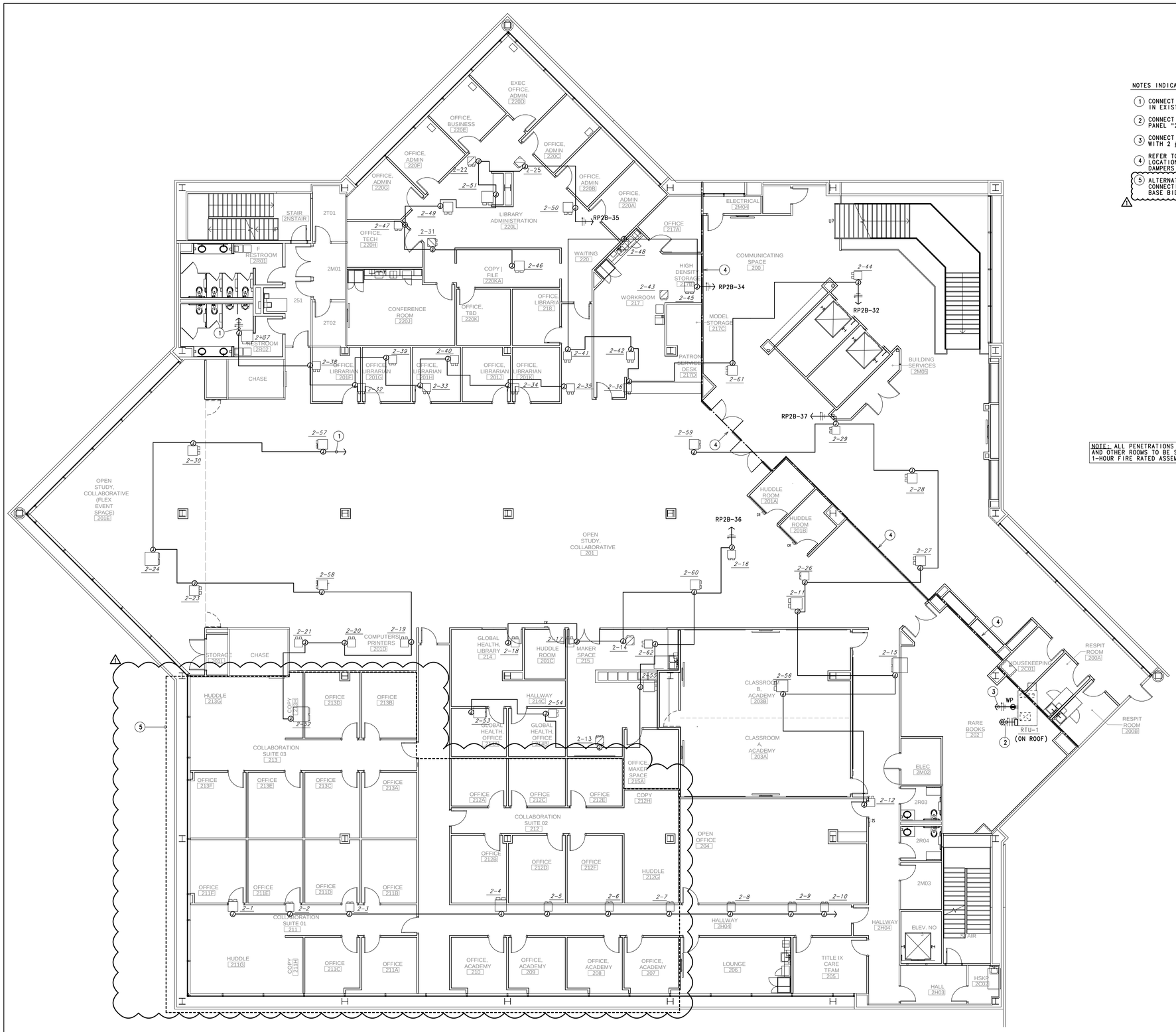
PROJECT NUMBER 24028
PROJECT ABBREVIATION TTUHSC-PSL-01-02
ORIGINAL ISSUE ISSUE FOR CONSTRUCTION
DATE 21 MAR 2025

E-203
SHEET NUMBER

NOTES INDICATED BY "◯":

1. CONNECT TO EXISTING SPARE 20A-1P BREAKER IN EXISTING PANEL "RP2A" WITH 2 #12 & #12G IN 3/4"C.
2. CONNECT TO NEW 35A-3P BREAKER IN EXISTING DISTRIBUTION PANEL "2DPB" WITH 3 #8 & #10G IN 3/4"C.
3. CONNECT TO SPARE 20A-1P BREAKER IN EXISTING PANEL "RP-3C" WITH 2 #12 & #12G IN 3/4"C.
4. REFER TO MECHANICAL DRAWINGS FOR ALL SMOKE DAMPER LOCATIONS IN THIS WALL. CONNECT HALF OF THE SMOKE DAMPERS TO "RP2B"-38 AND THE OTHER HALF TO "RP2B"-39.
5. ALTERNATE 02. REFER TO ARCHITECTURAL DRAWINGS. MECHANICAL CONNECTION WORK SHOWN IN THIS AREA TO BE IDENTICAL UNDER BASE BID AND ALTERNATE 02.

NOTE: ALL PENETRATIONS IN WALL BETWEEN COMMUNICATING SPACE AND OTHER ROOMS TO BE SEALED WITH UL LISTED MATERIALS FOR 1-HOUR FIRE RATED ASSEMBLY.



ELECTRICAL NEW MECHANICAL CONNECTION FLOOR PLAN - LEVEL 02

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEAL

STATE OF TEXAS
ALLEN K. WARE
130686
LICENSED
PROFESSIONAL ENGINEER
03/21/2025

ELECTRICAL - MECHANICAL CONNECTION PLAN - LEVEL 02

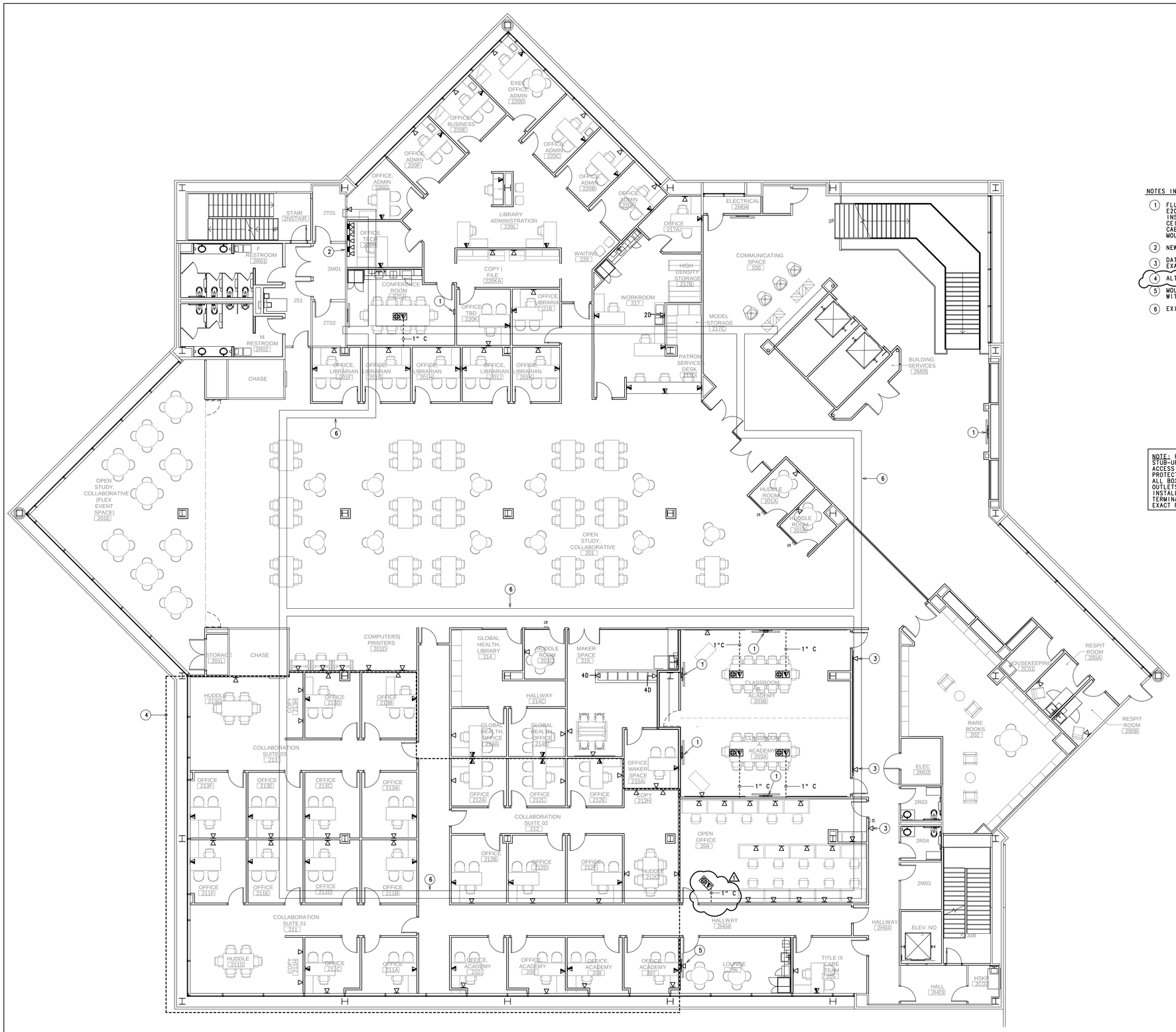
DRAWN BY
CHECKED BY

PROJECT NUMBER 24028
PROJECT ABBREVIATION TTUHSC-PSL-01-02

ORIGINAL ISSUE ISSUE FOR CONSTRUCTION
DATE 21 MAR 2025

E-204

SHEET NUMBER



NOTES INDICATED BY "◯":

1. FLUSH MOUNTED CHIEF BOX. REFERENCE SHEET E202 NOTE 17. ROUTE 2 1" CONDUITS INSIDE WALL AND STUB-UP ABOVE CEILING AND INSTALL BUSHINGS TO PROTECT CABLES. REFER TO ARCHITECTURAL FOR EXACT MOUNTING HEIGHT.
2. NEW SURFACE RACEWAY. REFER TO NEW POWER PLAN.
3. DATA FOR ROOM ELECTRONIC SCHEDULE. COORDINATE EXACT LOCATION WITH ARCHITECT.
4. ALTERNATE 02. REFER TO ARCHITECTURAL DRAWINGS. 1
5. MOUNT BEHIND MONITOR. COORDINATE EXACT LOCATION WITH ARCHITECT.
6. EXISTING CABLE TRAY.

NOTE: FROM EACH DATA AND TEL/DATA OUTLETS STUB-UP 3/4"C WITH PULL STRING TO ABOVE ACCESSIBLE CEILING AND INSTALL BUSHING TO PROTECT CABLE. ELECTRICAL CONTRACTOR TO PROVIDE ALL BOXES AND CONDUITS FOR ALL TEL/DATA OUTLETS AND CAMERAS. OWNER TO PROVIDE AND INSTALL ALL DEVICES, PLATES, CABLES AND FINAL TERMINATIONS. ELECTRICAL CONTRACTOR TO COORDINATE EXACT REQUIREMENTS WITH OWNER.

ELECTRICAL NEW COMMUNICATION FLOOR PLAN - LEVEL 02

GRAPHIC SCALE: 1/8"=1'-0" (0 5 10 15 20)

NORTH

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

STATE OF TEXAS
ALLEN K. WARE
130686
LICENSED
PROFESSIONAL ENGINEER
03/24/2025

ELECTRICAL - COMMUNICATION PLAN - LEVEL 02

DRAWN BY
CHECKED BY

PROJECT NUMBER 24028
PROJECT ABBREVIATION TTUHSC-PSL-01-02
ORIGINAL ISSUE ISSUE FOR CONSTRUCTION
DATE 21 MAR 2025

E-302
SHEET NUMBER

ELECTRICAL NEW FIRE ALARM FLOOR PLAN - LEVEL 02

GRAPHIC SCALE: 1/8"=1'-0" 0 5 10 15 20

NORTH

NOTES INDICATED BY "○":

1. WHEN SMOKE IS DETECTED BY OPEN AIR SMOKE DETECTORS ON EITHER SIDE OF WALL, SMOKE DAMPER SHALL CLOSE ALONG WITH AIR HANDLING. EQUIPMENT SHUTING DOWN. SEE MECHANICAL PLANS FOR NEW SMOKE DAMPER LOCATIONS. PROVIDE TWO FIRE ALARM CONTROL RELAYS TO SHUTDOWN POWER TO DAMPERS ON DETECTION OF SMOKE. COORDINATE WORK REQUIRED WITH OTHER CONTRACTORS.
2. EXISTING FIRE DAMPERS SHALL BE TESTED FOR OPERATION AND DOCUMENTED FOR AHJ.
3. PROVIDE NEW MONITOR MODULES FOR FIRE ALARM SYSTEM AS REQUIRED BY ANY MODIFICATION TO SPRINKLER FIRE PROTECTION SYSTEM. COORDINATE WORK REQUIRED.
4. ALTERNATE 02. REFER TO ARCHITECTURAL DRAWINGS. FIRE ALARM WORK SHOWN TO BE IDENTICAL UNDER BASE BID AND ALTERNATE 02. (1)

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEALS

ALLEN K. WARE
130686
LICENSED
03/21/2025

ELECTRICAL - FIRE ALARM PLAN - LEVEL 02

DRAWN BY | CHECKED BY

PROJECT NUMBER: 24028
PROJECT ABBREVIATION: TTUHSC-PSL-01-02
ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

E-402
SHEET NUMBER

LIGHTING CONTROL SCHEDULE

Energy Conservation Code: 2021 IECC

		Space Lighting Details										Automatic Control Devices												Manual Control Devices						Automatic Operation	System Details			
				Lighting Controls									OSWS		OSWS-DR		OSWS-		CWOS			CWDS	Switch(es)	Dimming			Timer	Scenes &					
Rm No	Rm. Name	Lighting Zones	Emergency Circuit	ON/OFF	Bi-Level	Dim	Daylight	Timer	TOD	Plug Load Control	IR	DT	US	IR	DT	US	DIM	IR	DT	US			=======	Step	10%	1%		Raise/Lower		Wired	Wired Digital	Wireless	Network
200	Communicating Space	3		x			x												x				x						In100/OutP		x		
200A	Respit Room	1		x								x											x						In0/OutP		x		
200B	Respit Room	1		x								x											x						In0/OutP		x		
201	Open Study,Collaborate	8				x													x							x			In100/OutP		x		
201A	Huddle Room	1		x		x						x					x						x			x			In0/OutP		x		
201B	Huddle Room	1		x		x						x					x						x			x			In0/OutP		x		
201C	Huddle Room	1		x		x						x					x						x			x			In0/OutP		x		
201D	Computers/Printers	1				x													x							x			In100/OutP		x		
201E	Open Study,Collaborate	1				x	x												x							x			In100/OutP		x		
201F	Office Librarian	1		x		x						x					x						x			x			In0/OutP		x		
201G	Office Librarian	1		x		x						x					x						x			x			In0/OutP		x		
201H	Office Librarian	1		x		x						x					x						x			x			In0/OutP		x		
201J	Office Librarian	1		x		x						x					x						x			x			In0/OutP		x		
201K	Office Librarian	1		x		x						x					x						x			x			In0/OutP		x		
201L	Storage	1		x		x						x					x						x						In0/OutP		x		
202	Rare Books	2		x		x													x				x			x			In100/OutP		x		
203A	Classroom A Academy	3		x		x													x				x			x			In100/OutP		x		
203B	Classroom B Academy	3		x		x													x				x			x			In100/OutP		x		
	Classroom Partition Storage Closet			x								x																	In0/OutP		x		
204	Open Office	1		x		x													x				x			x			In100/OutP		x		
205	Title IX Care Team	1		x		x													x				x			x			In0/OutP		x		
206	Lounge	1		x		x													x				x			x			In0/OutP		x		
207	Office Academy	1		x		x						x					x						x			x			In0/OutP		x		
208	Office Academy	1		x		x						x					x						x			x			In0/OutP		x		
209	Office Academy	1		x		x						x					x						x			x			In0/OutP		x		
210	Office Academy	1		x		x						x					x						x			x			In0/OutP		x		
211	Collaborative Suite 01	1		x		x													x				x						In100/OutP		x		
211A	Office	1		x		x						x					x						x			x			In0/OutP		x		
211B	Office	1		x		x						x					x						x			x			In0/OutP		x		
211C	Office	1		x		x						x					x						x			x			In0/OutP		x		
211D	Office	1		x		x						x					x						x			x			In0/OutP		x		
211E	Office	1		x		x						x					x						x			x			In0/OutP		x		
211F	Office	1		x		x						x					x						x			x			In0/OutP		x		
211G	Huddle	1		x		x													x				x			x			In100/OutP		x		
211H	Copy	1		x		x						x					x						x						In0/OutP		x		
212	Collaborative Suite 02	1		x		x													x				x						In100/OutP		x		
212A	Office	1		x		x						x					x						x			x			In0/OutP		x		
212B	Office	1		x		x						x					x						x			x			In0/OutP		x		
212C	Office	1		x		x						x					x						x			x			In0/OutP		x		
212D	Office	1		x		x						x					x						x			x			In0/OutP		x		
212E	Office	1		x		x						x					x						x			x			In0/OutP		x		
212F	Office	1		x		x						x					x						x			x			In0/OutP		x		
212G	Huddle	1		x		x													x				x			x			In100/OutP		x		
212H	Copy	1		x		x						x					x						x						In0/OutP		x		
213	Collaborative Suite 03	1		x		x													x				x						In100/OutP		x		
213A	Office	1		x		x						x					x						x			x			In0/OutP		x		
213B	Office	1		x		x						x					x						x			x			In0/OutP		x		
213C	Office	1		x		x						x					x						x			x			In0/OutP		x		
213D	Office	1		x		x						x					x						x			x			In0/OutP		x		
213E	Office	1		x		x						x					x						x			x			In0/OutP		x		
213F	Office	1		x		x						x					x						x			x			In0/OutP		x		
213G	Huddle	1		x		x													x				x			x			In100/OutP		x		
213H	Copy	1		x		x						x					x						x						In0/OutP		x		
214	Global Health Library	1		x		x													x				x			x			In100/OutP		x		
214A	Global Health Office	1		x		x						x					x						x			x			In0/OutP		x		
214B	Global Health Office	1		x		x						x					x						x			x			In0/OutP		x		
214C	Hallway																																
215	Maker Space	1		x		x													x				x			x			In100/OutP		x		
215A	Maker Space Office	1		x		x						x					x						x			x			In0/OutP		x		
217	Workroom	1		x		x													x				x			x			In100/OutP		x		
217A	Office	1		x		x						x					x						x			x			In0/OutP		x		
217B	High Density Storage	1		x								x											x						In0/OutP		x		
217C	Model Storage	1		x															x				x						In0/OutP		x		
217D	Patron Services Desk	1		x		x													x				x			x			In0/OutP		x		
218	Office Librarian	1		x		x						x					x						x			x			In0/OutP		x		
220	Waiting																																
200A	Office Admin	1		x		x						x					x						x			x			In0/OutP		x		
220B	Office Admin	1		x		x						x					x						x			x			In0/OutP		x		
220C	Office Admin	1		x		x						x					x						x			x			In0/OutP		x		
220D	Exec Office Admin	1		x		x													x				x			x			In0/OutP		x		
220E	Office Business	1		x		x						x					x						x			x			In0/OutP		x		
220J	Conference Room	2		x		x													x				x			x			In0/OutP		x		
220K	Office TBD	1		x		x						x					x						x			x			In0/OutP		x		
220KA	Copy/File	1		x		x						x					x						x			x			In100/OutP		x		
220L	Library Administration	1		x		x													x				x			x			In100/OutP		x		
220G	Office Admin	1		x		x													x				x			x			In0/OutP		x		
220H	Office Tech	1		x		x													x				x			x			In0/OutP		x		
220F	Office Admin	1		x		x						x					x						x			x			In0/OutP		x		
260	Electrical	1		x								x											x						In0/OutP		x		
2C01	House Keeping	1										x											x						In0/OutP		x		
2C02	HSKP	1		x								x											x						In0/OutP		x		
251	Hall	1		x		x													x							x			In100/OutP		x		
2H02	Hallway			x		x													x							x			In100/OutP		x		
2H03	Hall			x		x													x							x			In100/OutP		x		
2H04	Hallway			x		x													x							x			In100/OutP		x		
2M01	Elec	1		x								x											x						In0/OutP		x		
2M02	Elec	1		x								x											x						In0/OutP		x		
2M03	Fire Riser	1		x								x											x						In0/OutP		x		
2M04	Electrical	1		x								x											x						In0/OutP		x		
2M05	Building Services	1		x								x											x						In0/OutP		x		
2NSTAIR	Stair	Existing																															
2R01	F Restroom	1		x															x				x						In100/OutP		x		
2R02	M Restroom	1		x															x				x						In100/OutP		x		
2R03	Restroom	1		x								x											x						In0/OutP		x		
2R04	Restroom	1		x								x											x						In0/OutP		x		
2SSTAIR	Stair	Existing																															
2T01	IT	1		x								x											x						In0/OutP		x		
2T01	IT	1		x								x											x						In0/OutP		x		

Abbreviations

TOD	Time of Day	IR	Passive Infrared
OSWS	Occupancy Sensor Wall Switch	DT	Dual Technology
OSWS-DR	Occupancy Sensor Wall Switch - Dual Relay	US	Ultrasonic
OSWS-Dim	Occupancy Sensor Wall Switch - with Dimming		
CWOS	Ceiling Mounted Occupancy Sensor(s)		
CWDS	Ceiling Mounted Daylight Sensor(s)		

Acceptable Manufacturers

Acuity Controls

Automatic Control Legend

In50/OutP	Entering the room automatically turns the lighting ON to 50% level / Exiting the room automatically turns light OFF after programmed delay.
In100/OutP	Entering the room automatically turns the lighting ON to 100% level. Exiting the room automatically turns lights OFF after programmed delay.
In50/DL/OutP	Entering the room automatically turns lighting ON to 50% level / Daylight sensor controls light level in daylight zone / Exiting the room automatically turns lights OFF after programmed delay.
In50/R/OutP	Entering the room automatically turns lighting ON to 50% level / and turns ON controlled receptacles / Exiting the room automatically turns OFF lights and controlled receptacles after programmed delay.
In50/R/DL/OutP	Entering automatically turns lighting ON to 50% level / turns ON controlled receptacles / Daylight sensor controls the level in daylight zone / Exiting automatically turns lights and controlled receptacles OFF after programmed delay.
In0/OutP	Entering the room DOES NOT automatically turn lights ON / Exiting the room automatically turns lights OFF after programmed delay.
In0/R/OutP	Entering the room DOES NOT automatically turn lights ON / but turns ON controlled receptacles / Exiting the room automatically turns OFF lights and controlled receptacles after programmed delay.
In0/R/DL/OutP	Entering DOES NOT automatically turn lights ON / but turns ON controlled receptacles / Daylight sensor controls level in daylight zone / Exiting automatically turns OFF lights and controlled receptacles after programmed delay.
Special1	Entering the room automatically turns ON lights to Scene 1 / Daylight sensor controls the light level in daylight zone / Exiting the room automatically turns lights OFF (or to Scene 4) after programmed time delay.
Special2	ON 100% at dusk / Reduce to 50% at closing / OFF at preset or OFF at dawn
Special3	

Notes

a. Sensor types shall be as noted on this schedule. Where multiple types are indicated for the same room, the manufacturer shall select the type based on the best application.

b. Sensor quantity and placement shall be determined by the manufacturer for best location/coverage.

c. Provide and install all equipment required for the listed operation including power packs, slave packs,secondary packs, room controllers, scene controllers, control panels, bridges, routers, gateways, cabling, programming, etc.

d. Unless otherwise noted, programmed delay to turn lights OFF shall be 15-20 minutes after exiting the room.

e. Commissioning by the manufacturer's representative shall be included in the project

f. The manufacturer shall submit floor plans showing the types and locations of all devices, sensor coverage, cut sheets, and complete wiring diagrams. After approval this shall become the installation drawings.

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com

TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEAL

ALLEN K. WARE
130686
LICENSED
05/21/2025

ELECTRICAL SCHEDULES

DRAWN BY | CHECKED BY

PROJECT NUMBER: 24028
PROJECT ABBREVIATION: TTUHSC-PSL-01-02

ORIGINAL ISSUE: ISSUE FOR CONSTRUCTION
DATE: 21 MAR 2025

E-602

SHEET NUMBER

EXISTING PANEL "RP-2B"

CKT	CKT BRKR	WIRE	SERVES	Continuous VA Lights	Continuous VA Load2	Non-Continuous VA Recept.	Non-Continuous VA Load4	Non-Continuous VA Load5	SERVES	WIRE	CKT BRKR	CKT
1	20/1	#12	SERVICE DESK 217D					1000	SERVICE DESK 217D	#12	20/1	2
3	20/1	#12	SERVICE DESK 217D				360		SERVICE DESK 217D	#12	20/1	4
5	20/1	#12	WORK ROOM 217				360					
								1000	WORK ROOM 217	#12	20/1	6
7	20/1	#12	WORK ROOM 217				540					
								1000	REFRIGERATOR	#12	20/1	8
9	20/1	#12	COFFEE MAKER					1500				
							360		WORK ROOM 217	#12	20/1	10
11	20/1	#12	MICROWAVE					1500				
							900		OFFICE 217A	#12	20/1	12
13	20/1	#12	OFFICE 220A				900					
							900		OFFICE 220C	#12	20/1	14
15	20/1	#12	OFFICE 220B				900					
							1080		OFFICE 220D	#12	20/1	16
17	20/1	#12	LIBRARY ADMIN				360		LIBRARY ADMIN			
			220L				360		220L	#12	20/1	18
19	20/1	#12	OFFICE 219				900					
							720		WAITING 220	#12	20/1	20
21	20/1	#12	COMMUNICATING				540		COMMUNICATING			
			SPACE 200				540		SPACE 200	#12	20/1	22
23	20/1	#12	HUDDLE ROOM				540		HUDDLE ROOM			
			201A				720		201B	#12	20/1	24
25	20/1	#12	OPEN STUDY 201				1080					
							720		OPEN STUDY 201	#12	20/1	26
27	20/1	#12	OPEN STUDY 201				540					
							720		OPEN STUDY 201	#12	20/1	28
29	20/1	#12	OPEN STUDY 201				720					
							720		OPEN STUDY 201	#12	20/1	30
31	20/1	#12	BRANDING WALL					1000				
								800	VAV BOXES	#12	20/1	32
33	20/1	#12	BRANDING WALL					1000				
								800	VAV BOXES	#12	20/1	34
35	20/1	#12	VAV BOXES					800				
								800	VAV BOXES	#12	20/1	36
37	20/1	#12	VAV BOXES					800				
								600	SMOKE DAMPERS	#12	20/1	38
39	20/1	#12	SMOKE DAMPERS					600				
									SPARE	--	20/1	40
41	20/1	--	SPARE									
									SPARE	--	20/1	42
43	20/1	--	SPARE									
									SPARE	--	20/1	44
45	20/1	--	SPARE									
									SPARE	--	20/1	46
47	20/1	--	SPARE									
									SPARE	--	20/1	48
49	20/1	--	SPARE									
									SPARE	--	20/1	50
51	20/1	--	SPARE									
									SPARE	--	20/1	52
53	20/1	--	SPARE									
									SPARE	--	20/1	54
55	20/1	--	SPARE									
									SPARE	--	20/1	56
57	20/1	--	SPARE									
									SPARE	--	20/1	58
59	20/1	--	SPARE									
									SPARE	--	20/1	60
61	20/1	--	SPARE									
									SPARE	--	20/1	62
63	20/1	--	SPARE									
									SPARE	--	20/1	64
65	20/1	--	SPARE									
									SPARE	--	20/1	66
67	20/1	--	SPARE									
									SPARE	--	20/1	68
69	20/1	--	SPARE									
									SPARE	--	20/1	70
71	20/1	--	SPARE									
									SPARE	--	20/1	72
73	20/1	--	SPARE									
									SPARE	--	20/1	74
75	20/1	--	SPARE									
									SPARE	--	20/1	76
77	20/1	--	SPARE									
									SPARE	--	20/1	78
79	20/1	--	SPARE									
									SPARE	--	20/1	80
81	20/1	--	SPARE									
									SPARE	--	20/1	82
83	20/1	--	SPARE									
									SPARE	--	20/1	84
							16200	13200	PANEL CONNECTED VA		29400	
							16200	13200	PANEL DEMAND VA		29400	
									PANEL CALCULATED VA		29400	
									PANEL SPARE VA		33923	
									PANEL DESIGN VA		63323	
									PANEL CONN. AMPS / PHASE		82	
									PANEL DEMAND AMPS / PHASE		82	
									PANEL DESIGN AMPS / PHASE		176	

SERVICE: 120/208 Volt, 3 Phase, 4 Wire & Grnd
MAINS: 150A-3P Main Circuit Breaker
MOUNTING: Surface
SCCR (RMS Sym) = 10K

Notes:
(1) Provide New Updated Type Written Circuit Directory

Nameplate Info Below
(White Letters on Black)
EXISTING PANEL "RP-2B"
120/208
Fed From
DTT T-2B

STATISTICS

# Active	39
# Spare	45
# Space	
Av. Load/Ckt.	
VA	Amps
754	6
Demand Fac tor	1

Phase Summary	Amps	VA
Phase A	94	11320
Phase B	78	9300
Phase C	73	8780

THIS PANEL IS EXISTING SCHEDULE FOR REFERENCE ONLY

NEW PANEL "LP-2C"

CKT	CKT BRKR	WIRE	SERVES	Continuous VA Lights	Continuous VA Load2	Non-Continuous VA Load3	Non-Continuous VA Load4	Non-Continuous VA Load5	SERVES	WIRE	CKT BRKR	CKT
1	XX	#4	--					15000				
				150					EXIT LIGHTS	#12	20/1	2
3	70/3	#4	DTT "T-2C"					15000				
				3210					LIGHTING	#12	20/1	4
5	XX	#4	--					15000				
				3447					LIGHTING	#12	20/1	6
7	20/1	--	SPARE									
									SPARE	--	20/1	8
9	20/1	--	SPARE									
									SPARE	--	20/1	10
11	20/1	--	SPARE									
									SPARE	--	20/1	12
13	--	--	SPACE ONLY									
									SPACE ONLY	--	--	14
15	--	--	SPACE ONLY									
									SPACE ONLY	--	--	16
17	--	--	SPACE ONLY									
									SPACE ONLY	--	--	18
19	--	--	SPACE ONLY									
									SPACE ONLY	--	--	20
21	--	--	SPACE ONLY									
									SPACE ONLY	--	--	22
23	--	--	SPACE ONLY									
									SPACE ONLY	--	--	24
25	--	--	SPACE ONLY									
									SPACE ONLY	--	--	26
27	--	--	SPACE ONLY									
									SPACE ONLY	--	--	28
29	--	--	SPACE ONLY									
									SPACE ONLY	--	--	30
				6807				45000	PANEL CONNECTED VA		51807	
				6807				45000	PANEL DEMAND VA		51807	
									PANEL CALCULATED VA		53509	
									PANEL SPARE VA		15000	
									PANEL DESIGN VA		68501	
									PANEL CONN. AMPS / PHASE		62	
									PANEL DEMAND AMPS / PHASE		62	
									PANEL DESIGN AMPS / PHASE		82	

SERVICE: 277/480 Volt, 3 Phase, 4 Wire & Grnd
MAINS: 100A-3P Main Circuit Breaker
MOUNTING: Surface
SCCR (RMS Sym) = 25K

Notes:
(1) Copper Bussing
(2) Hinged Door
(3) Custom Laminated Plastic Nameplate
(4) Typed Circuit Directory
(5) 100% Neutral
(6) NEMA 1 Enclosure
(7) Arc-Flash Warning Label (NEC 110.16)

Nameplate Info Below
(White Letters on Black)
NEW PANEL "LP-2C"
277/480
Fed From 2DPB

# Active	6
# Spare	6
# Space	18
Av. Load/Ckt.	
VA	Amps
9635	31

STATISTICS

Phase Summary	Amps	VA
Phase A	55	15150
Phase B	66	18210
Phase C	67	18447

EXISTING PANEL "LP-2B"

CKT	CKT BRKR	WIRE	SERVES	Continuous VA Lights	Continuous VA Load2	Non-Continuous VA Load3	Non-Continuous VA Load4	Non-Continuous VA Load5	SERVES	WIRE	CKT BRKR	CKT
1	XX		--					15000				
				150					EXIT LIGHTS	#12	20/1	2
3	70/3		DDT RP-2B					15000				
				2780					LIGHTING	#12	20/1	4
5	XX		--					15000				
				2754					LIGHTING	#12	20/1	6
7	20/1	--	SPARE									
				2680					LIGHTING	#12	20/1	8
9	20/1	--	SPARE									
									SPARE	--	20/1	10
11	20/1	--	SPARE									
									SPARE	--	20/1	12
13	20/1	--	SPARE									
									SPARE	--	20/1	14
15	20/1	--	SPARE									
									SPARE	--	20/1	16
17	20/1	--	SPARE									
									SPARE	--	20/1	18
19	20/1	--	SPARE									
									SPARE	--	20/1	20
21	20/1	--	SPARE									
									SPARE	--	20/1	22
23	20/1	--	SPACE ONLY									
									SPACE ONLY	--	20/1	24
25	20/1	--	SPACE ONLY									
									SPACE ONLY	--	20/1	26
27	20/1	--	SPACE ONLY									
									SPACE ONLY	--	20/1	28
29	20/1	--	SPACE ONLY									
									SPACE ONLY	--	20/1	30
31	20/1	--	SPACE ONLY									
									SPACE ONLY	--	20/1	32
33	20/1	--	SPACE ONLY									
									SPACE ONLY	--	20/1	34
35	20/1	--	SPACE ONLY									
									SPACE ONLY	--	20/1	36
				8364				45000	PANEL CONNECTED VA		53364	
				8364				45000	PANEL DEMAND VA		53364	
									PANEL CALCULATED VA		55455	
									PANEL SPARE VA		15000	
									PANEL DESIGN VA		70455	
									PANEL CONN. AMPS / PHASE		64	
									PANEL DEMAND AMPS / PHASE		64	
									PANEL DESIGN AMPS / PHASE		85	

SERVICE: 277/480 Volt, 3 Phase, 4 Wire & Grnd
MAINS: 100A MLO
MOUNTING: Surface
SCCR (RMS Sym) = 25K

Notes:
(1) Provide New Updated Type Written Circuit Directory

Nameplate Info Below
(White Letters on Black)
EXISTING PANEL "LP-2B"
277/480
Fed From "2DPB"

STATISTICS

# Active	7
# Spare	15
# Space	14
Av. Load/Ckt.	
VA	Amps

Phase Summary	Amps	VA
Phase A	64	17830
Phase B	64	17780
Phase C	64	17754

THIS PANEL IS EXISTING SCHEDULE FOR REFERENCE ONLY

NEW PANEL "RP-2C"

CKT	CKT BRKR	WIRE	SERVES	Continuous VA Lights	Continuous VA Load2	Non-Continuous VA Recept.	Non-Continuous VA Load4	Non-Continuous VA Load5	SERVES	WIRE	CKT BRKR	CKT
1	20/1	#12	RECEPT			540						
						540			RESPIT ROOM 200A	#12	20/1	2
3	20/1	#12	RESPIT ROOM 200A					1000				
						540			RESPIT ROOM 200B	#12	20/1	4
5	20/1	#12	RESPIT ROOM 200B					1000				
						360			2R03,2R04	#12	20/1	6
7	20/1	#12	CARD READERS					500				
						540			RARE BOOKS 202	#12	20/1	8
9	20/1	#12	RARE BOOKS 202			540						
						720			2M02,2H04	#12	20/1	10
11	20/1	#12	CLASSROOM 203A			720						
						720			CLASSROOM 203B	#12	20/1	12
13	20/1	#12	CLASSROOM 203A			540						
						540			CLASSROOM 203A	#12	20/1	14
15	20/1	#12	CLASSROOM 203A			540						
						540			CLASSROOM 203B	#12	20/1	16
17	20/1	#12	INNOVATIVE			540						
			CLASSROOM 203B			540			CLASSROOM 203B	#12	20/1	18
19	20/1	#12	OPEN OFFICE 204			540						
						540			OPEN OFFICE 204	#12	20/1	20
21	20/1	#12	OPEN OFFICE 204			360						
						540			OPEN OFFICE 204	#12	20/1	22
23	20/1	#12	OPEN OFFICE 204			360						
						540			OPEN OFFICE 204	#12	20/1	24
25	20/1	#12	OPEN OFFICE 204			540						
								1000	LOUNGE 209	#12	20/1	26
27	20/1	#12	Office 210			900						
								1000	LOUNGE 209	#12	20/1	28
29	20/1	#12	LOUNGE 209					1000				
						720			LOUNGE 209	#12	20/1	30
31	20/1	#12	OFFICE 208			900						
						900			OFFICE 207	#12	20/1	32
33	20/1	#12	OFFICE 206			900						
						900			OFFICE 205	#12	20/1	34
35	20/1	#12	HALLWAY 2H04			720						
						900			HUDDLE 212G	#12	20/1	36
37	20/1	#12	COPY 212H					1000				
								1000	COPY 212H	#12	20/1	38
39	20/1	#12	OFFICE 212F			900						
						900			OFFICE 212D	#12	20/1	40
41	20/1	#12	OFFICE 212B			900						
						900			OFFICE 212A	#12	20/1	42
43	20/1	#12	OFFICE 212C			900						
						900			OFFICE 212E	#12	20/1	44
45	20/1	#12	OFFICE 215A			900						
						900			OFFICE 214B	#12	20/1	46
47	20/1	#12	OFFICE 214A			900						
						540			HALLWAY 214C	#12	20/1	48
49	20/1	#12	HUDDLE ROOM			540			MAKER SPACE			
			201C			720			215	#12	20/1	50
51	20/1	#12	HEALTH LIBRARY			360			MAKER SPACE			
			214					1000	215	#12	20/1	52
53	20/1	#12	MAKER SPACE					1000	MAKER SPACE			
			215					1000	215	#12	20/1	54
55	20/1	#12	MAKER SPACE					1000	MAKER SPACE			
			215					1000	215	#12	20/1	56
57	20/1	#12	MAKER SPACE					1000	MAKER SPACE			
			215					1000	215	#12	20/1	58
59	20/1	#12	OPEN STUDY 201			540			ELECTRONIC			
								500	SCHEDULES	#12	20/1	60
61	20/1	#12	BRANDING WALL					500				
				1080					BOOK CASE LIGHTS	#12	20/1	62
63	20/1	#12	OPEN OFFICE 204 FLOOR BOX					1000	Spare	--	20/1	64
65	20/1	--	Spare						Spare	--	20/1	66
67	20/1	--	Spare						Spare	--	20/1	68
69	20/1	--	Spare						Spare	--	20/1	70
71	20/1	--	Spare						Spare	--	20/1	72
73	20/1	--	Space Only						Space Only	--	20/1	74
75	20/1	--	Space Only						Space Only	--	20/1	76
77	20/1	--	Space Only						Space Only	--	20/1	78
79	20/1	--	Space Only						Space Only	--	20/1	80
81	20/1	--	Space Only						Space Only	--	20/1	82
83	20/1	--	Space Only						Space Only	--	20/1	84
				1080		29520		16500	PANEL CONNECTED VA		47100	
				1080		19760		16500	PANEL DEMAND VA		37340	
									PANEL CALCULATED VA		37610	
									PANEL SPARE VA		6729	
									PANEL DESIGN VA		44339	
									PANEL CONN. AMPS / PHASE		131	
									PANEL DEMAND AMPS / PHASE		104	
									PANEL DESIGN AMPS / PHASE		123	

SERVICE: 120/208 Volt, 3 Phase, 4 Wire & Grnd
MAINS: 150A-3P Main Circuit Breaker
MOUNTING: Surface
SCCR (RMS Sym) = 10K

Notes:
(1) Copper Bussing
(2) Hinged Door
(3) Custom Laminated Plastic Nameplate
(4) Typed Circuit Directory
(5) 100% Neutral
(6) Arc-Flash Warning Label (NEC 110.16)

Nameplate Info Below
(White Letters on Black)
NEW PANEL "RP-2C"
120/208
Fed From
DTT T-2C

# Active	63
# Spare	9
# Space	12
Av. Load/Ckt.	
VA	Amps
748	6

STATISTICS

Phase Summary	Amps	VA
Phase A	136	16260
Phase B	137	46440
Phase C	120	14400

Page

Page Southerland Page, Inc.
1800 Main Street Suite 123
Dallas, TX 75201
pagethink.com
TEL 214 522 3900
FAX 214 522 4380

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Austin / Dallas / Denver / Dubai / Houston / Mexico City / Phoenix / San Francisco / Washington DC / International Affiliate Offices

MEP ENGINEER
FANNING, FANNING & ASSOCIATES, INC.
2555 74th Street
Lubbock, Texas 79423
(806) 745-2533

TTUHSC Preston Smith Library Renovation - Level 01/02

3601 4th Street, STOP 7781
Lubbock, TX 79430-7781

REVISION HISTORY

REVISION	DESCRIPTION	DATE
1	ADDENDUM 02	10 APR 2025

PROFESSIONAL SEAL
STATE OF TEXAS
ALLEN K. WARE
130686
LICENSED
03/21/2025

ELECTRICAL SCHEDULES

DRAWN BY
CHECKED BY

PROJECT NUMBER 24028
PROJECT ABBREVIATION TTUHSC-PSL-01-02
ORIGINAL ISSUE ISSUE FOR CONSTRUCTION
DATE 21 MAR 2025

E-603
SHEET NUMBER